

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102822\
 Data File : PO090032.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Oct 2022 21:34
 Operator : YP/AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 29 02:05:44 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO102722.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Oct 28 05:05:44 2022
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	4.304	3.484	175.2E6	55832437	54.507	52.534
2)	SA Decachlor...	10.047	8.489	136.5E6	53194751	55.718	51.649
Target Compounds							
3)	L1 AR-1016-1	5.479	4.570	57076793	19742939	536.600	511.120
4)	L1 AR-1016-2	5.501	4.589	82655185	27820669	542.595	520.079
5)	L1 AR-1016-3	5.563	4.764	51869354	15229377	548.950	524.556
6)	L1 AR-1016-4	5.662	4.808	41419206	12715004	552.343	512.228
7)	L1 AR-1016-5	5.958	5.021	42015354	16043797	544.374	522.273
8)	L2 AR-1221-1	4.509	3.698	6354164	2092163	166.467	156.598
9)	L2 AR-1221-2	4.601	3.784	8847110	2954841	311.207	291.151
10)	L2 AR-1221-3	4.677	3.860	32792862	11611465	382.960	373.261
11)	L3 AR-1232-1	4.677	3.860	32792862	11611465	500.780	488.069
12)	L3 AR-1232-2	5.209	4.589	45415607	27820669	1181.410	1160.973
13)	L3 AR-1232-3	5.501	4.764	82655185	15229377	1233.449	1199.271
14)	L3 AR-1232-4	5.662	4.850	41419206	15892389	1254.455	1303.455
15)	L3 AR-1232-5	5.755	5.021	35970750	16043797	1357.739	1201.619
16)	L4 AR-1242-1	5.479	4.570	57076793	19742939	689.825	663.144
17)	L4 AR-1242-2	5.501	4.589	82655185	27820669	699.865	683.976
18)	L4 AR-1242-3	5.563	4.764	51869354	15229377	696.825	688.726
19)	L4 AR-1242-4	5.662	4.850	41419206	15892389	710.944	670.179
20)	L4 AR-1242-5	6.403	5.374	6903736	13843625	112.312	483.958 #
21)	L5 AR-1248-1	5.479	4.570	57076793	19742939	902.438	869.652
22)	L5 AR-1248-2	5.755	4.808	35970750	12715004	379.836	391.088
23)	L5 AR-1248-3	5.958	4.850	42015354	15892389	426.203	471.472
24)	L5 AR-1248-4	6.364	5.021	7032433	16043797	65.959	414.855 #
25)	L5 AR-1248-5	6.403	5.415	6903736	2417938	65.721	66.778
26)	L6 AR-1254-1	6.339	5.374	31993377	13843625	276.050	235.015
27)	L6 AR-1254-2	6.558	5.523	34353023	13174377	197.507	245.881
28)	L6 AR-1254-3	6.926	5.943	18286776	22496498	105.335	271.426 #
29)	L6 AR-1254-4	7.213	6.157	12159500	2158957	95.394	43.471 #
30)	L6 AR-1254-5	7.634	6.576	101.8E6	41979279	722.891	560.655
31)	L7 AR-1260-1	7.092	6.059	76022321	31123245	542.299	516.987
32)	L7 AR-1260-2	7.351	6.249	88031139	36571359	544.142	506.231
33)	L7 AR-1260-3	7.712	6.402	58169669	34723171	553.705	521.105
34)	L7 AR-1260-4	7.937	6.876	67657274	26313957	547.647	517.236
35)	L7 AR-1260-5	8.254	7.120	124.9E6	58929174	548.929	507.347
36)	L8 AR-1262-1	7.712	6.616	58169669	27961233	350.907	369.015
37)	L8 AR-1262-2	8.254	7.120	124.9E6	58929174	444.592	459.554
38)	L8 AR-1262-3	8.573	7.404	83195500	12777376	423.706	234.627 #
39)	L8 AR-1262-4	8.649	7.467	19354116	44004397	198.903	453.090 #
40)	L8 AR-1262-5	9.300	7.963	33330990	14642587	316.318	308.522
41)	L9 AR-1268-1	8.573	7.404	83195500	12777376	238.630	81.100 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102822\
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 Operator : YP/AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

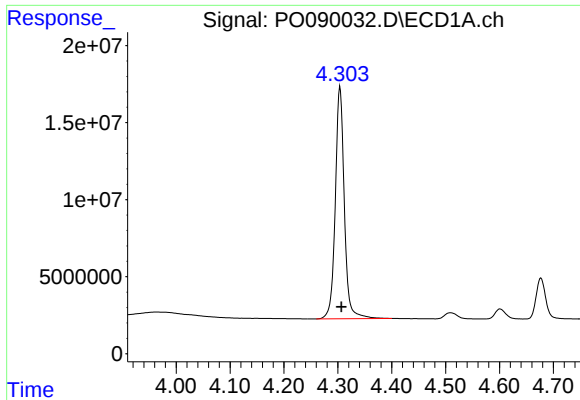
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 29 02:05:44 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO102722.M
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Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.649	7.467	19354116	44004397	62.039	313.630 #
43) L9	AR-1268-3	8.879	7.675	2402437	1067089	8.940	8.892
44) L9	AR-1268-4	9.300	7.963	33330990	14642587	286.052	269.613
45) L9	AR-1268-5	9.710	8.243	10874674	4932062	12.683	14.089

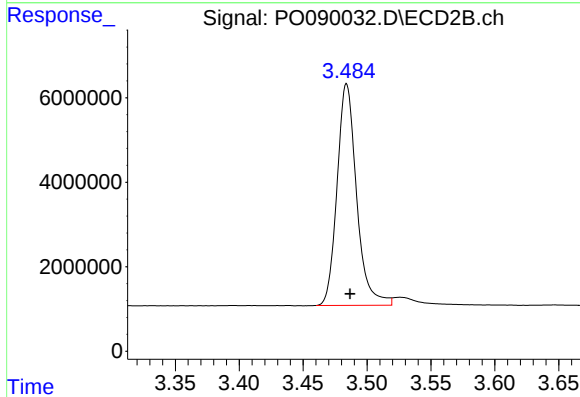
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

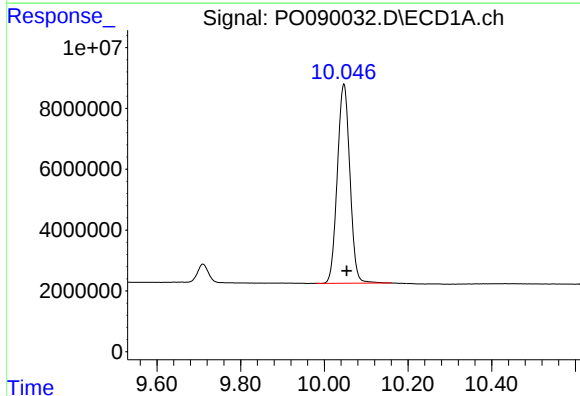
R.T.: 4.304 min
Delta R.T.: -0.003 min
Response: 175181218
Conc: 54.51 ng/ml

Instrument :
ECD_O
ClientSampleId :



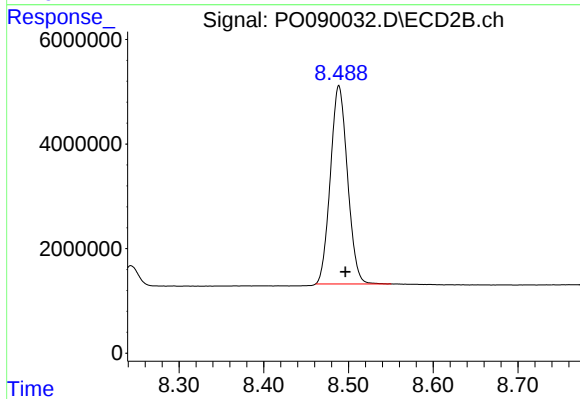
#1 Tetrachloro-m-xylene

R.T.: 3.484 min
Delta R.T.: -0.003 min
Response: 55832437
Conc: 52.53 ng/ml



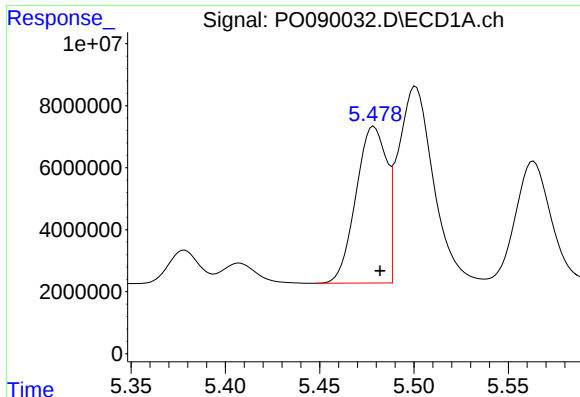
#2 Decachlorobiphenyl

R.T.: 10.047 min
Delta R.T.: -0.007 min
Response: 136539717
Conc: 55.72 ng/ml



#2 Decachlorobiphenyl

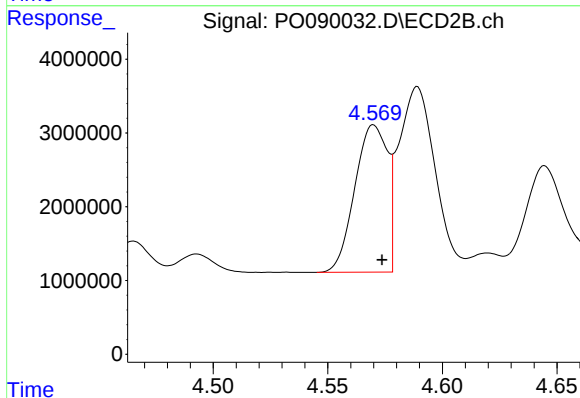
R.T.: 8.489 min
Delta R.T.: -0.008 min
Response: 53194751
Conc: 51.65 ng/ml



#3 AR-1016-1

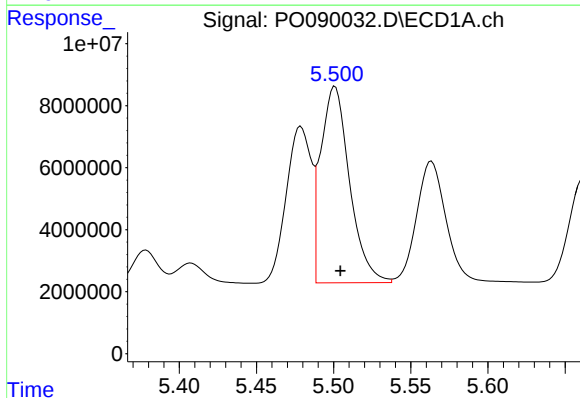
R.T.: 5.479 min
Delta R.T.: -0.003 min
Response: 57076793
Conc: 536.60 ng/ml

Instrument :
ECD_O
ClientSampleId :



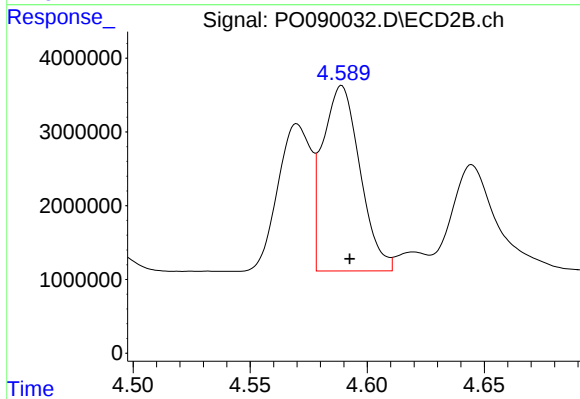
#3 AR-1016-1

R.T.: 4.570 min
Delta R.T.: -0.004 min
Response: 19742939
Conc: 511.12 ng/ml



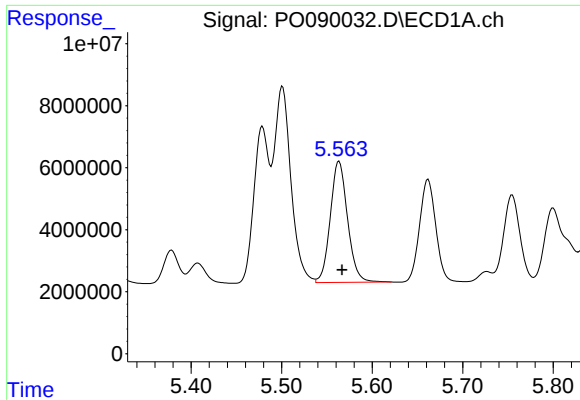
#4 AR-1016-2

R.T.: 5.501 min
Delta R.T.: -0.003 min
Response: 82655185
Conc: 542.60 ng/ml



#4 AR-1016-2

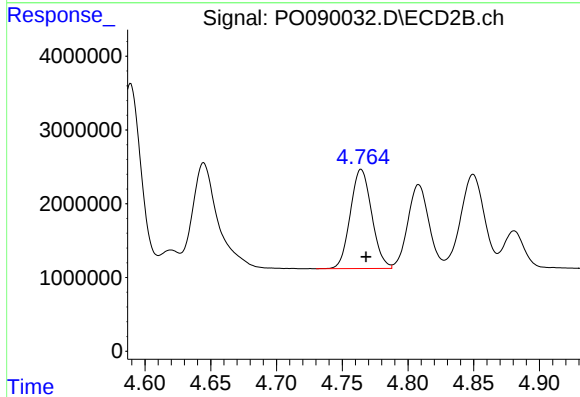
R.T.: 4.589 min
Delta R.T.: -0.004 min
Response: 27820669
Conc: 520.08 ng/ml



#5 AR-1016-3

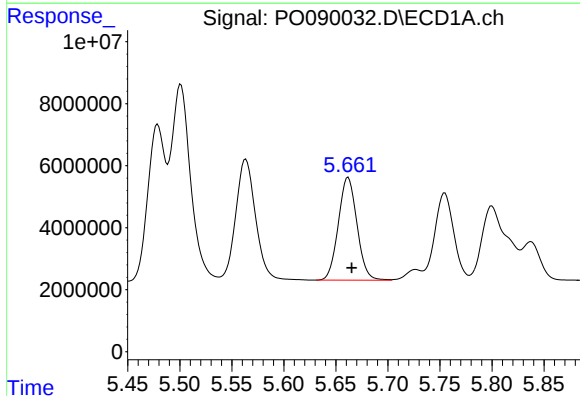
R.T.: 5.563 min
Delta R.T.: -0.003 min
Response: 51869354
Conc: 548.95 ng/ml

Instrument :
ECD_O
ClientSampleId :



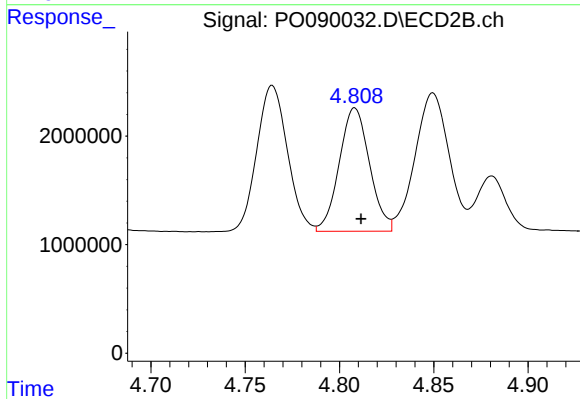
#5 AR-1016-3

R.T.: 4.764 min
Delta R.T.: -0.004 min
Response: 15229377
Conc: 524.56 ng/ml



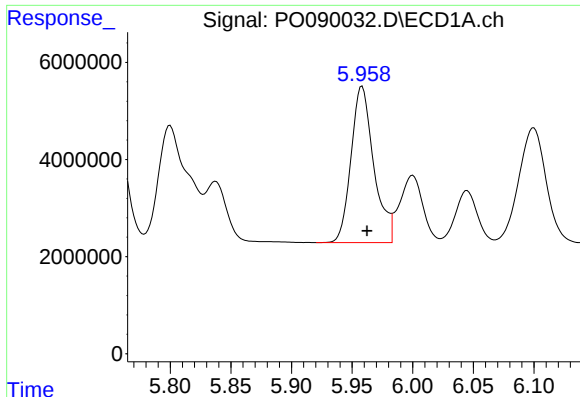
#6 AR-1016-4

R.T.: 5.662 min
Delta R.T.: -0.003 min
Response: 41419206
Conc: 552.34 ng/ml



#6 AR-1016-4

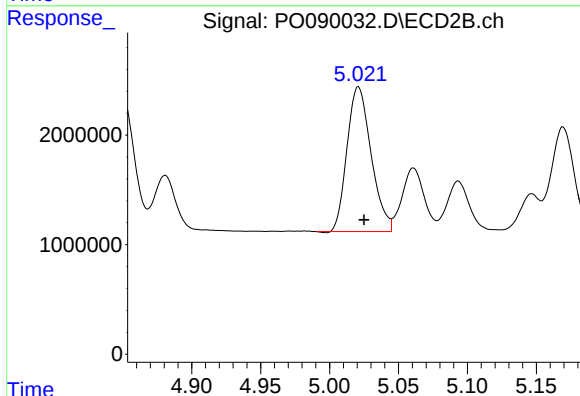
R.T.: 4.808 min
Delta R.T.: -0.003 min
Response: 12715004
Conc: 512.23 ng/ml



#7 AR-1016-5

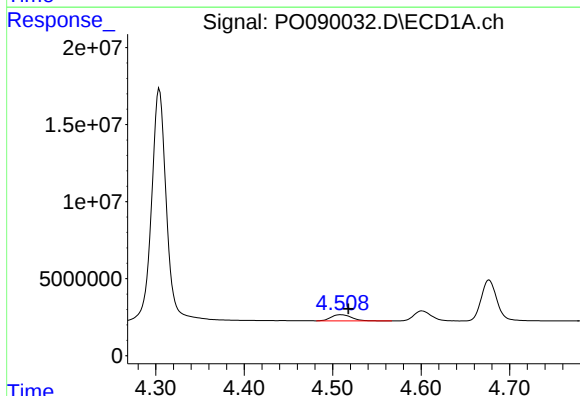
R.T.: 5.958 min
Delta R.T.: -0.004 min
Response: 42015354
Conc: 544.37 ng/ml

Instrument :
ECD_O
ClientSampleId :



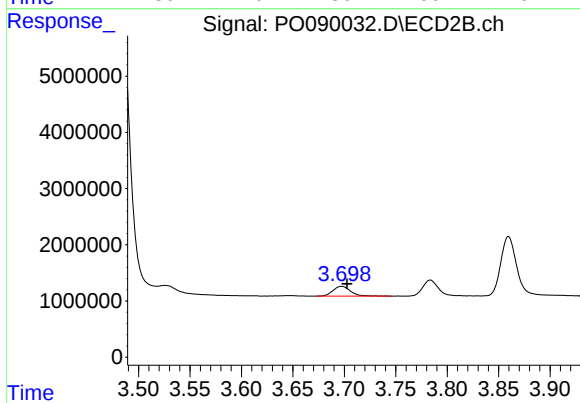
#7 AR-1016-5

R.T.: 5.021 min
Delta R.T.: -0.004 min
Response: 16043797
Conc: 522.27 ng/ml



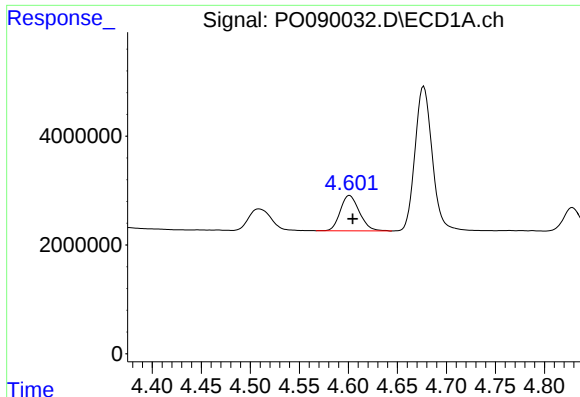
#8 AR-1221-1

R.T.: 4.509 min
Delta R.T.: -0.009 min
Response: 6354164
Conc: 166.47 ng/ml



#8 AR-1221-1

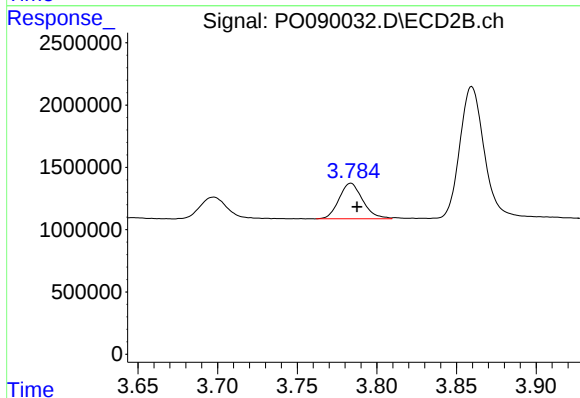
R.T.: 3.698 min
Delta R.T.: -0.005 min
Response: 2092163
Conc: 156.60 ng/ml



#9 AR-1221-2

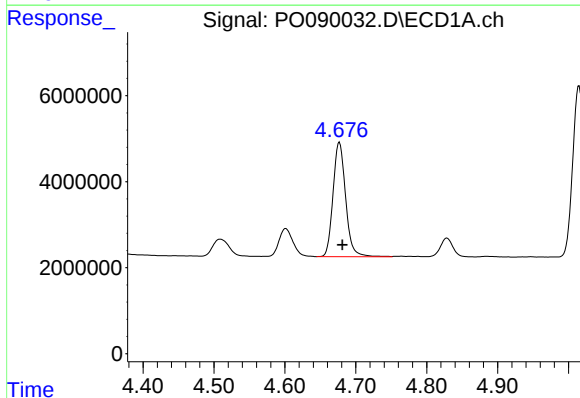
R.T.: 4.601 min
Delta R.T.: -0.003 min
Response: 8847110
Conc: 311.21 ng/ml

Instrument :
ECD_O
ClientSampleId :



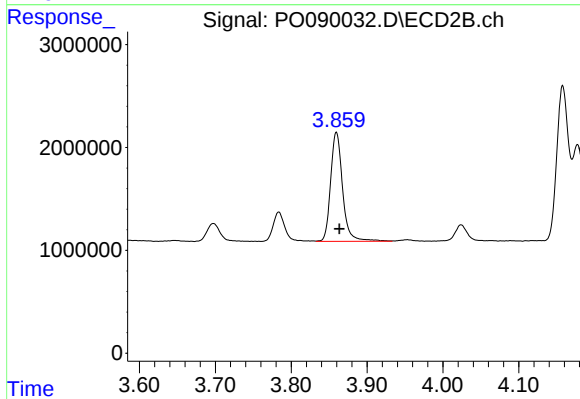
#9 AR-1221-2

R.T.: 3.784 min
Delta R.T.: -0.004 min
Response: 2954841
Conc: 291.15 ng/ml



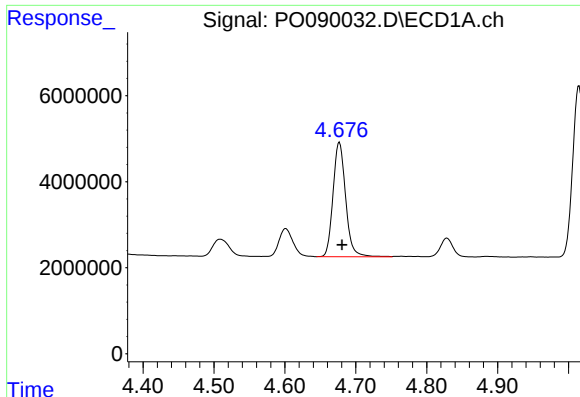
#10 AR-1221-3

R.T.: 4.677 min
Delta R.T.: -0.004 min
Response: 32792862
Conc: 382.96 ng/ml



#10 AR-1221-3

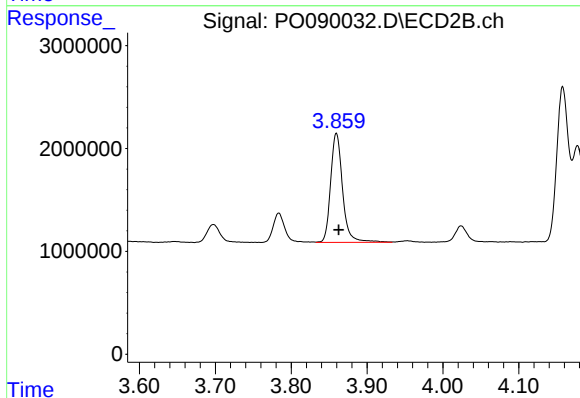
R.T.: 3.860 min
Delta R.T.: -0.004 min
Response: 11611465
Conc: 373.26 ng/ml



#11 AR-1232-1

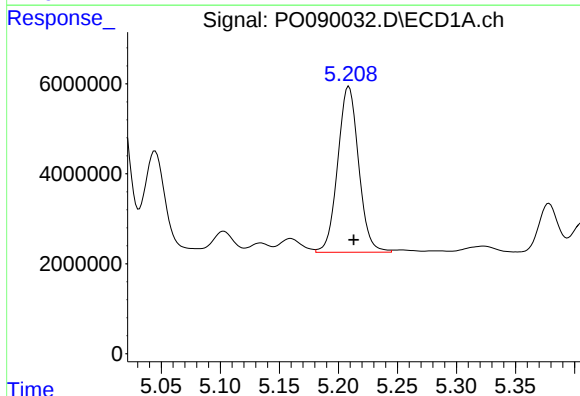
R.T.: 4.677 min
Delta R.T.: -0.004 min
Response: 32792862
Conc: 500.78 ng/ml

Instrument :
ECD_O
ClientSampleId :



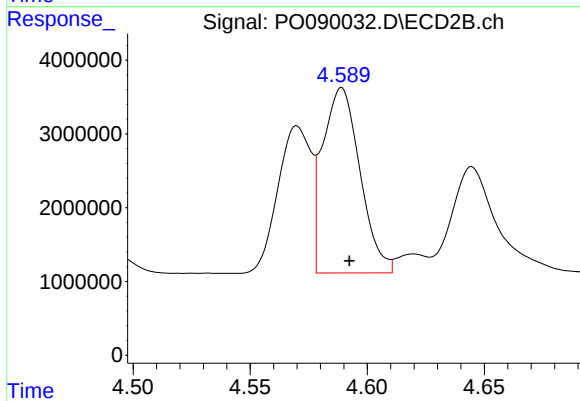
#11 AR-1232-1

R.T.: 3.860 min
Delta R.T.: -0.003 min
Response: 11611465
Conc: 488.07 ng/ml



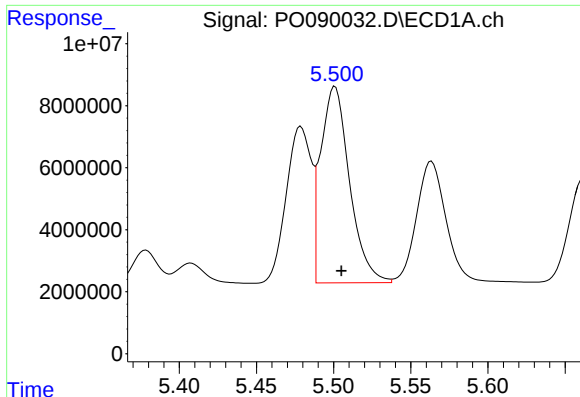
#12 AR-1232-2

R.T.: 5.209 min
Delta R.T.: -0.004 min
Response: 45415607
Conc: 1181.41 ng/ml



#12 AR-1232-2

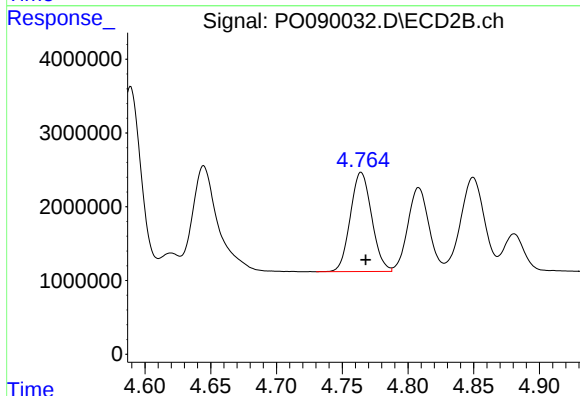
R.T.: 4.589 min
Delta R.T.: -0.003 min
Response: 27820669
Conc: 1160.97 ng/ml



#13 AR-1232-3

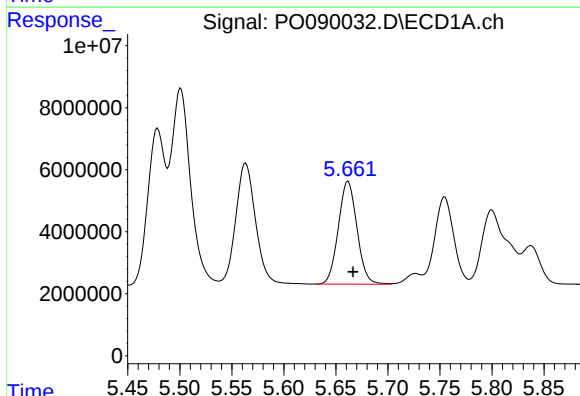
R.T.: 5.501 min
Delta R.T.: -0.004 min
Response: 82655185
Conc: 1233.45 ng/ml

Instrument :
ECD_O
ClientSampleId :



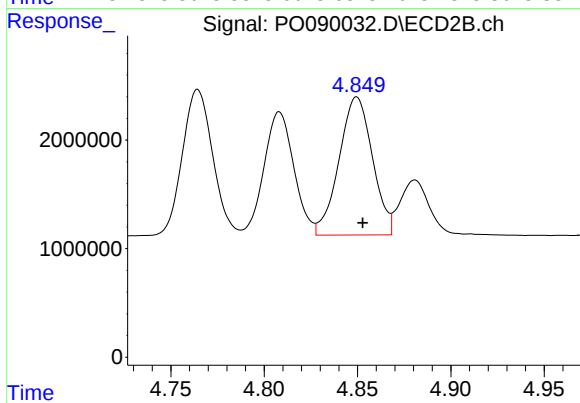
#13 AR-1232-3

R.T.: 4.764 min
Delta R.T.: -0.004 min
Response: 15229377
Conc: 1199.27 ng/ml



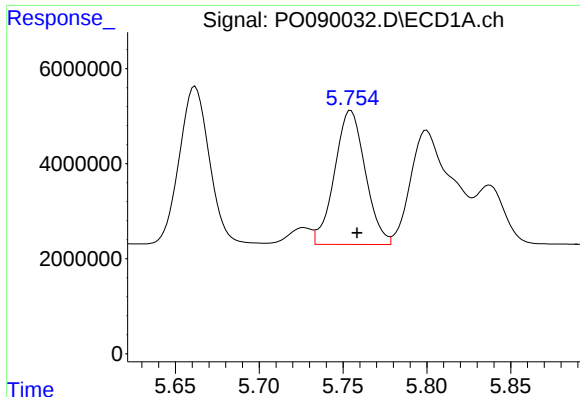
#14 AR-1232-4

R.T.: 5.662 min
Delta R.T.: -0.005 min
Response: 41419206
Conc: 1254.46 ng/ml



#14 AR-1232-4

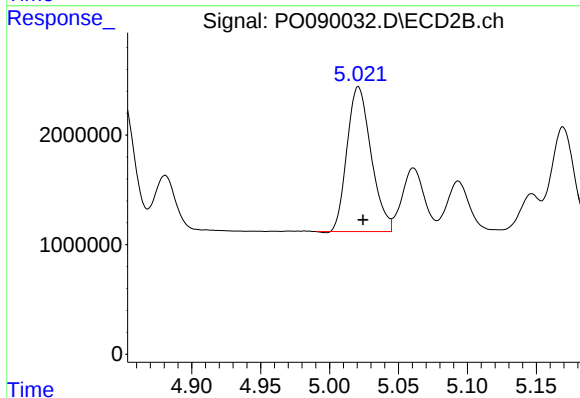
R.T.: 4.850 min
Delta R.T.: -0.003 min
Response: 15892389
Conc: 1303.46 ng/ml



#15 AR-1232-5

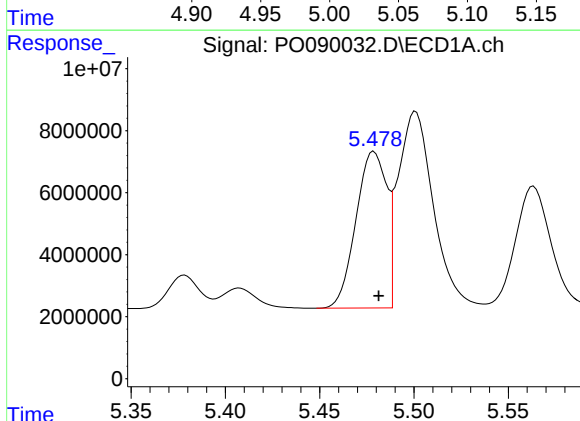
R.T.: 5.755 min
Delta R.T.: -0.004 min
Response: 35970750
Conc: 1357.74 ng/ml

Instrument :
ECD_O
ClientSampleId :



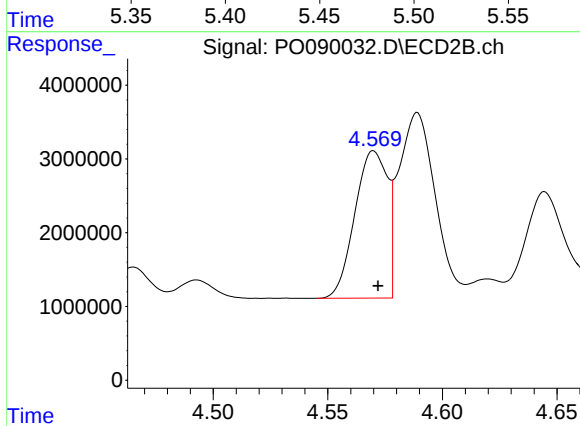
#15 AR-1232-5

R.T.: 5.021 min
Delta R.T.: -0.003 min
Response: 16043797
Conc: 1201.62 ng/ml



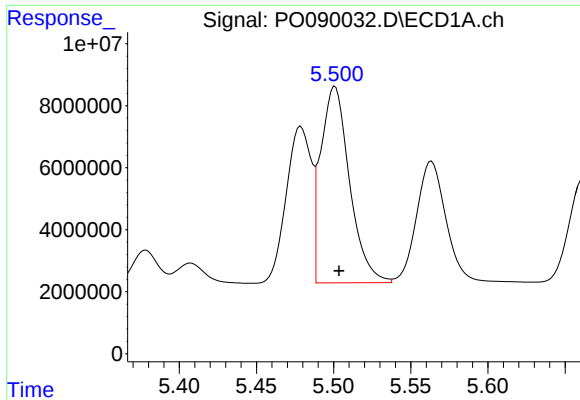
#16 AR-1242-1

R.T.: 5.479 min
Delta R.T.: -0.003 min
Response: 57076793
Conc: 689.82 ng/ml



#16 AR-1242-1

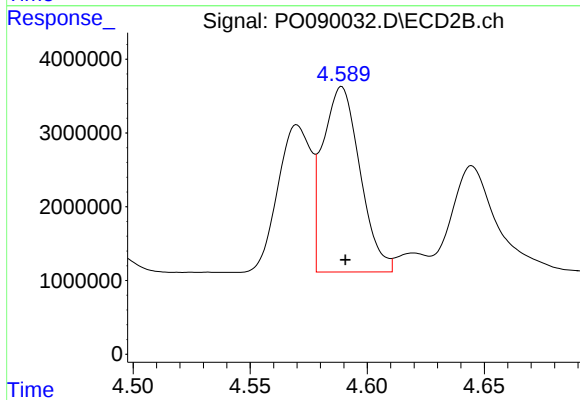
R.T.: 4.570 min
Delta R.T.: -0.002 min
Response: 19742939
Conc: 663.14 ng/ml



#17 AR-1242-2

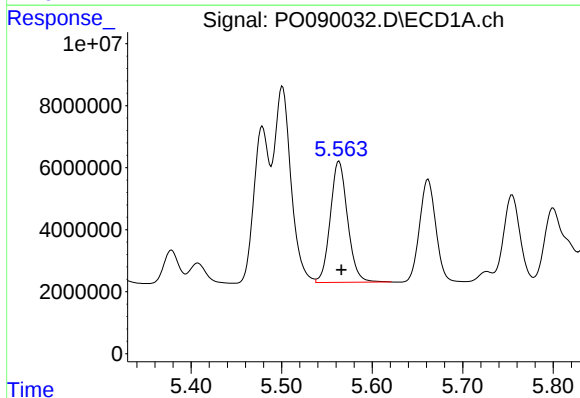
R.T.: 5.501 min
Delta R.T.: -0.003 min
Response: 82655185
Conc: 699.87 ng/ml

Instrument :
ECD_O
ClientSampleId :



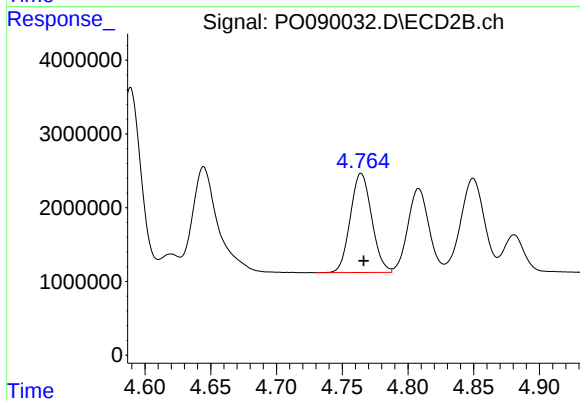
#17 AR-1242-2

R.T.: 4.589 min
Delta R.T.: -0.002 min
Response: 27820669
Conc: 683.98 ng/ml



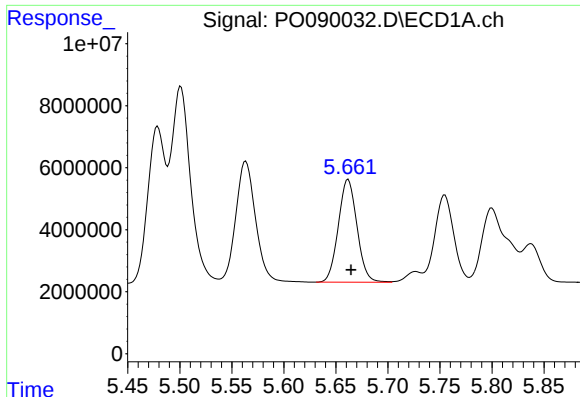
#18 AR-1242-3

R.T.: 5.563 min
Delta R.T.: -0.003 min
Response: 51869354
Conc: 696.82 ng/ml



#18 AR-1242-3

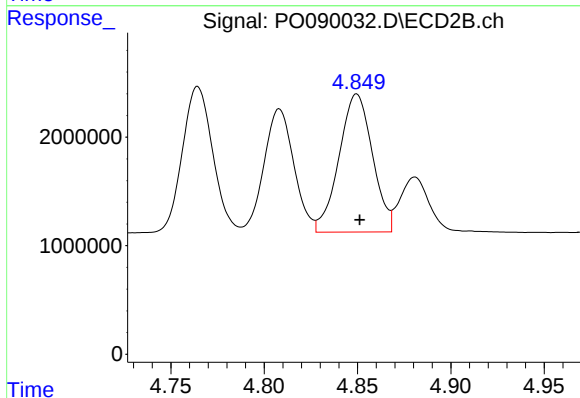
R.T.: 4.764 min
Delta R.T.: -0.002 min
Response: 15229377
Conc: 688.73 ng/ml



#19 AR-1242-4

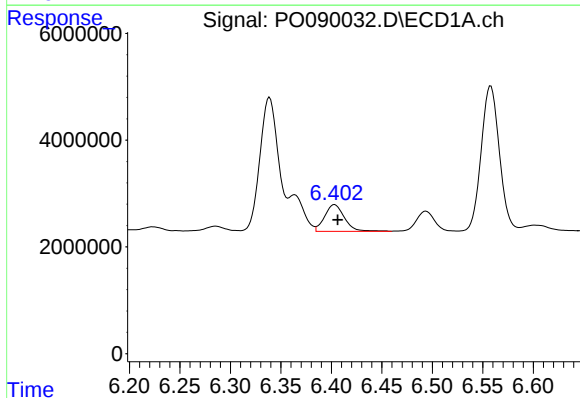
R.T.: 5.662 min
Delta R.T.: -0.003 min
Response: 41419206
Conc: 710.94 ng/ml

Instrument :
ECD_O
ClientSampleId :



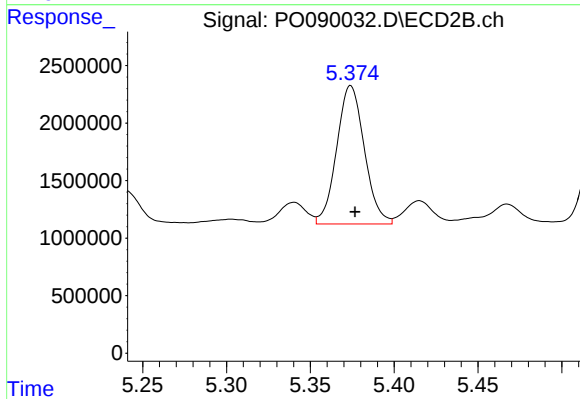
#19 AR-1242-4

R.T.: 4.850 min
Delta R.T.: -0.002 min
Response: 15892389
Conc: 670.18 ng/ml



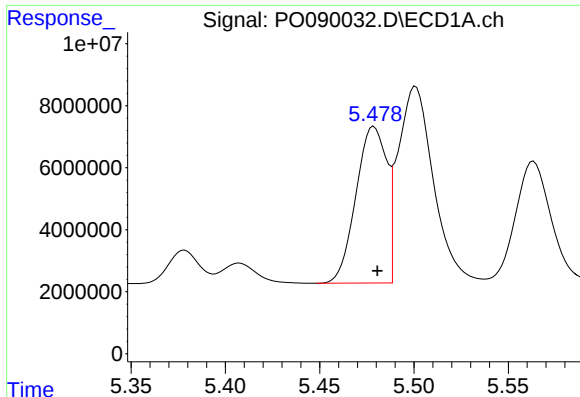
#20 AR-1242-5

R.T.: 6.403 min
Delta R.T.: -0.003 min
Response: 6903736
Conc: 112.31 ng/ml



#20 AR-1242-5

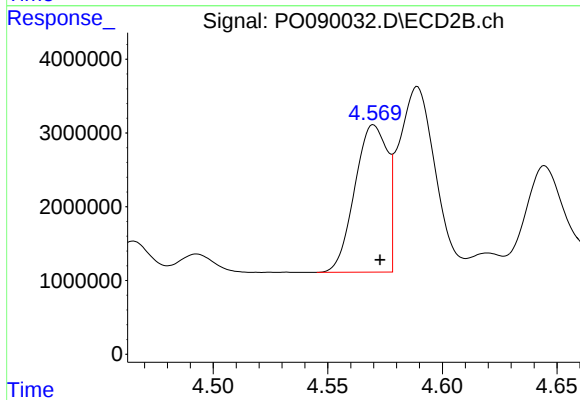
R.T.: 5.374 min
Delta R.T.: -0.003 min
Response: 13843625
Conc: 483.96 ng/ml



#21 AR-1248-1

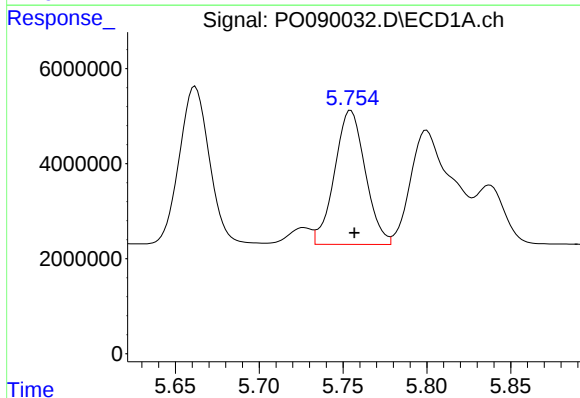
R.T.: 5.479 min
Delta R.T.: -0.002 min
Response: 57076793
Conc: 902.44 ng/ml

Instrument :
ECD_O
ClientSampleId :



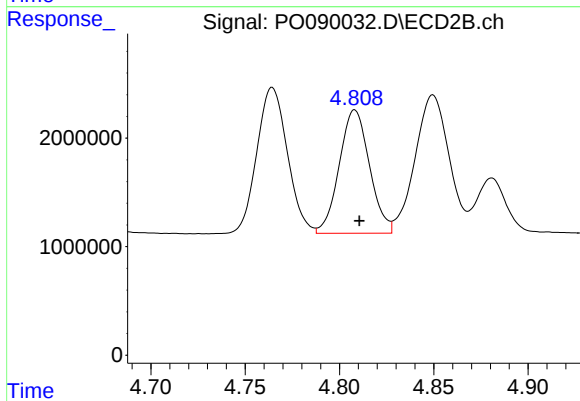
#21 AR-1248-1

R.T.: 4.570 min
Delta R.T.: -0.003 min
Response: 19742939
Conc: 869.65 ng/ml



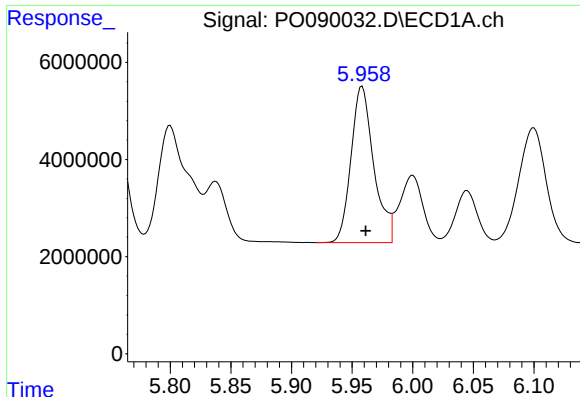
#22 AR-1248-2

R.T.: 5.755 min
Delta R.T.: -0.002 min
Response: 35970750
Conc: 379.84 ng/ml



#22 AR-1248-2

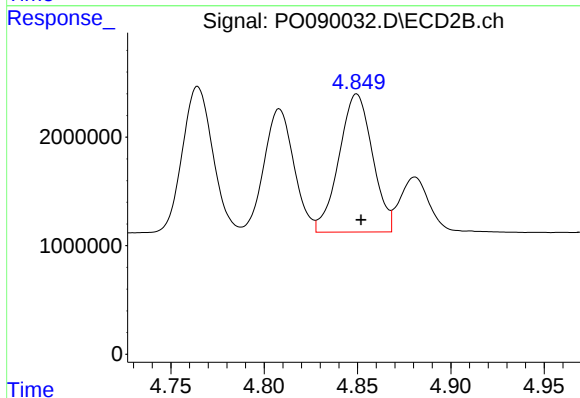
R.T.: 4.808 min
Delta R.T.: -0.002 min
Response: 12715004
Conc: 391.09 ng/ml



#23 AR-1248-3

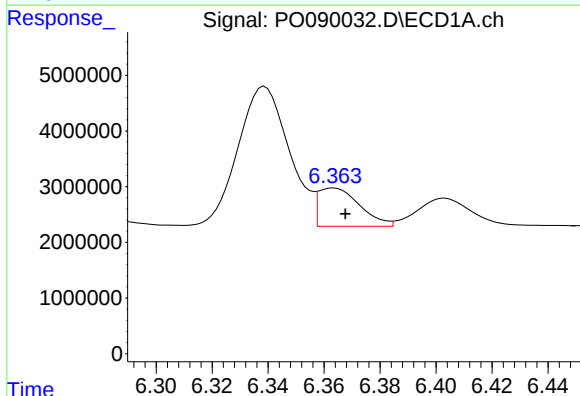
R.T.: 5.958 min
Delta R.T.: -0.003 min
Response: 42015354
Conc: 426.20 ng/ml

Instrument :
ECD_O
ClientSampleId :



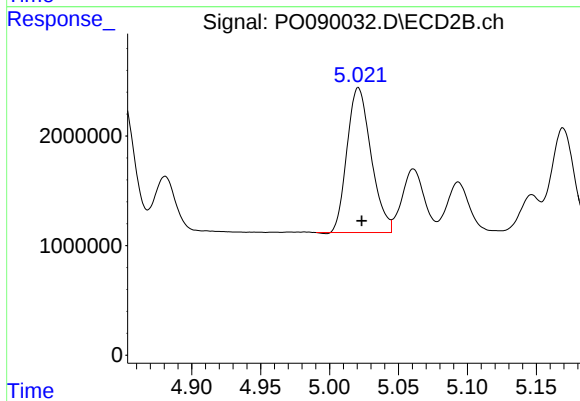
#23 AR-1248-3

R.T.: 4.850 min
Delta R.T.: -0.002 min
Response: 15892389
Conc: 471.47 ng/ml



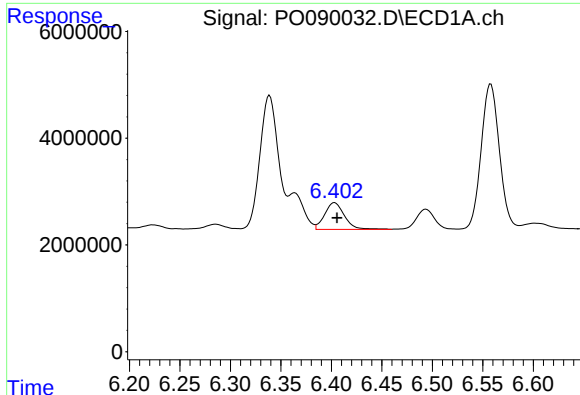
#24 AR-1248-4

R.T.: 6.364 min
Delta R.T.: -0.004 min
Response: 7032433
Conc: 65.96 ng/ml



#24 AR-1248-4

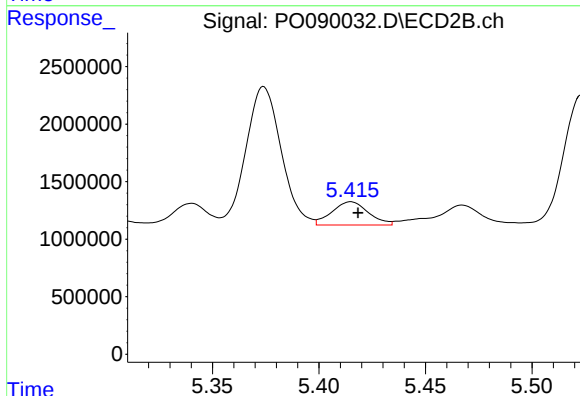
R.T.: 5.021 min
Delta R.T.: -0.002 min
Response: 16043797
Conc: 414.86 ng/ml



#25 AR-1248-5

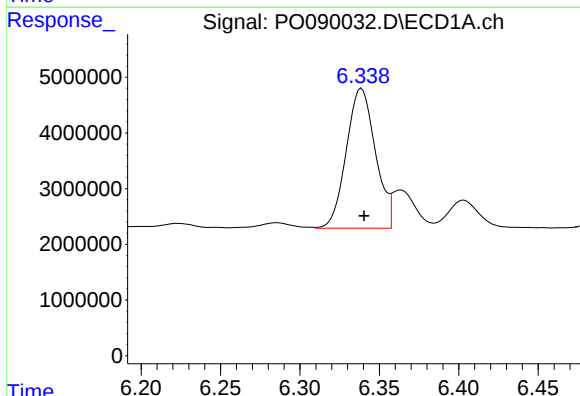
R.T.: 6.403 min
Delta R.T.: -0.003 min
Response: 6903736
Conc: 65.72 ng/ml

Instrument :
ECD_O
ClientSampleId :



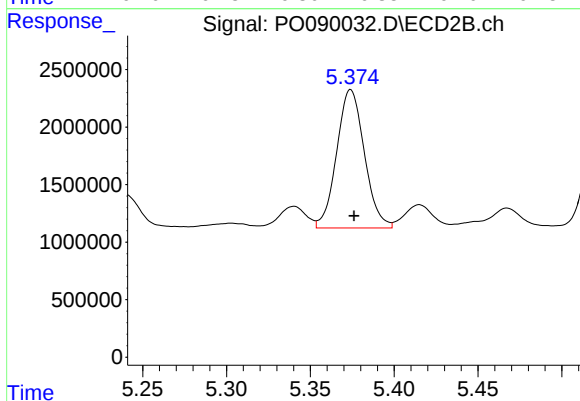
#25 AR-1248-5

R.T.: 5.415 min
Delta R.T.: -0.003 min
Response: 2417938
Conc: 66.78 ng/ml



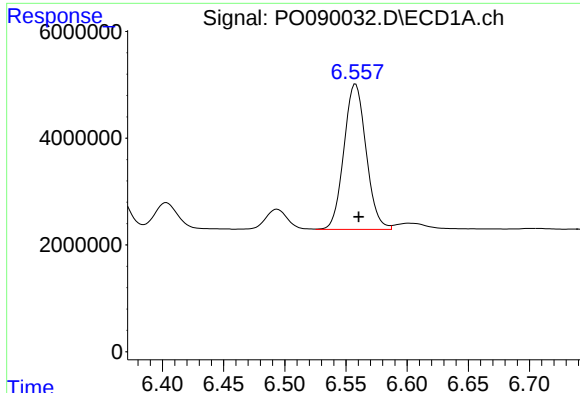
#26 AR-1254-1

R.T.: 6.339 min
Delta R.T.: -0.002 min
Response: 31993377
Conc: 276.05 ng/ml



#26 AR-1254-1

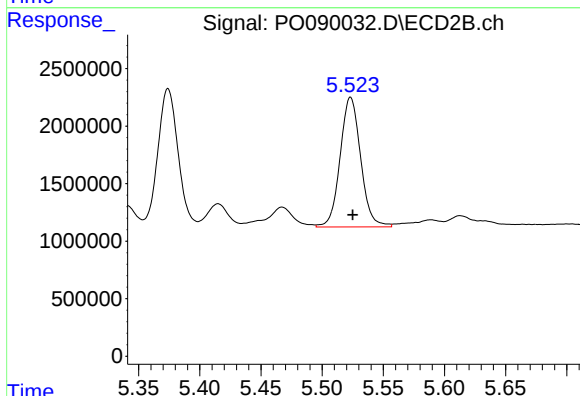
R.T.: 5.374 min
Delta R.T.: -0.002 min
Response: 13843625
Conc: 235.01 ng/ml



#27 AR-1254-2

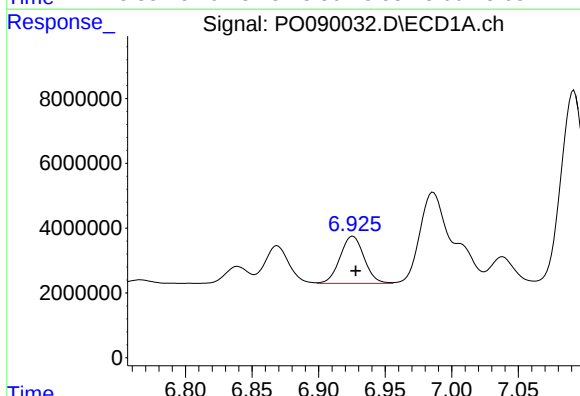
R.T.: 6.558 min
Delta R.T.: -0.003 min
Response: 34353023
Conc: 197.51 ng/ml

Instrument :
ECD_O
ClientSampleId :



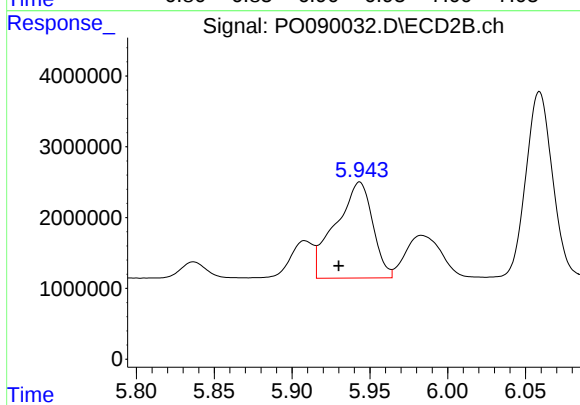
#27 AR-1254-2

R.T.: 5.523 min
Delta R.T.: -0.002 min
Response: 13174377
Conc: 245.88 ng/ml



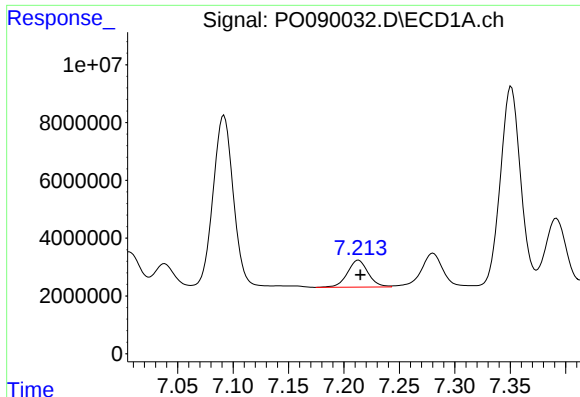
#28 AR-1254-3

R.T.: 6.926 min
Delta R.T.: -0.002 min
Response: 18286776
Conc: 105.34 ng/ml



#28 AR-1254-3

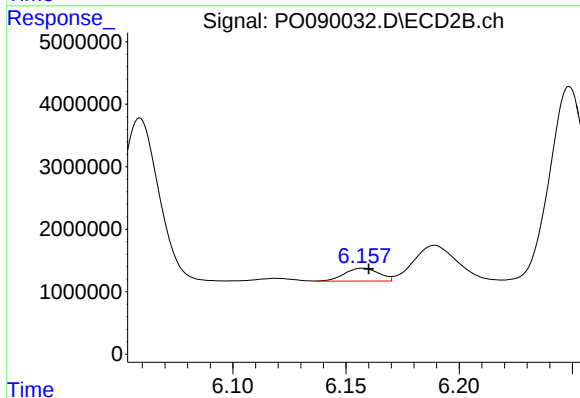
R.T.: 5.943 min
Delta R.T.: 0.013 min
Response: 22496498
Conc: 271.43 ng/ml



#29 AR-1254-4

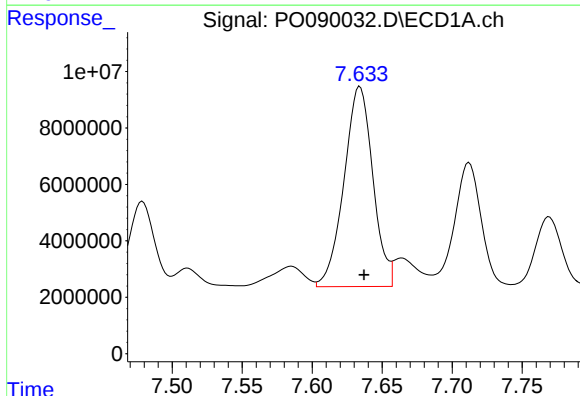
R.T.: 7.213 min
Delta R.T.: -0.002 min
Response: 12159500
Conc: 95.39 ng/ml

Instrument :
ECD_O
ClientSampleId :



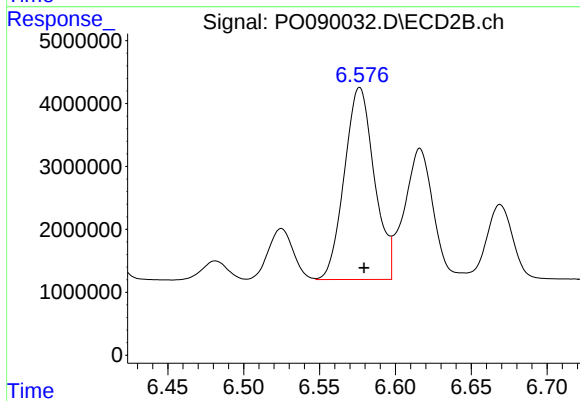
#29 AR-1254-4

R.T.: 6.157 min
Delta R.T.: -0.003 min
Response: 2158957
Conc: 43.47 ng/ml



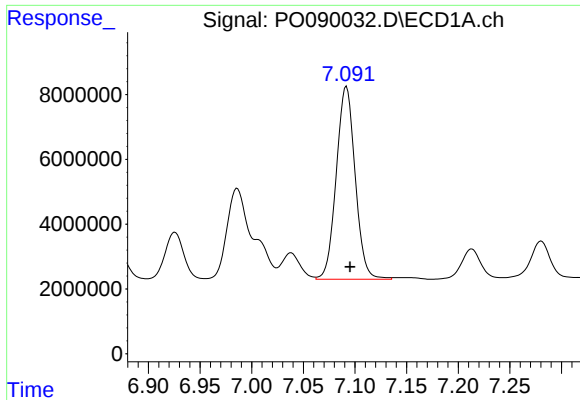
#30 AR-1254-5

R.T.: 7.634 min
Delta R.T.: -0.003 min
Response: 101826073
Conc: 722.89 ng/ml



#30 AR-1254-5

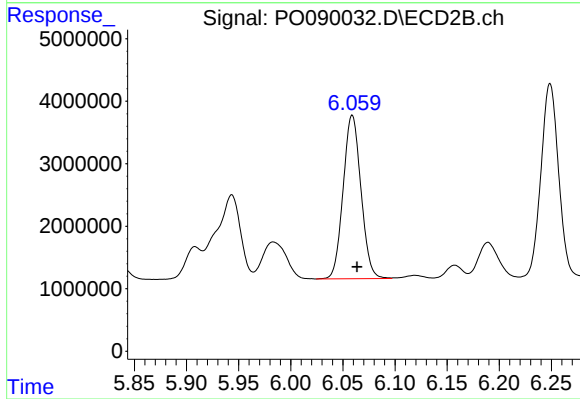
R.T.: 6.576 min
Delta R.T.: -0.003 min
Response: 41979279
Conc: 560.65 ng/ml



#31 AR-1260-1

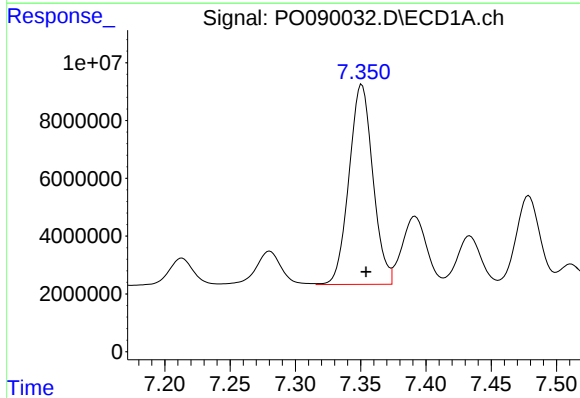
R.T.: 7.092 min
Delta R.T.: -0.004 min
Response: 76022321
Conc: 542.30 ng/ml

Instrument :
ECD_O
ClientSampleId :



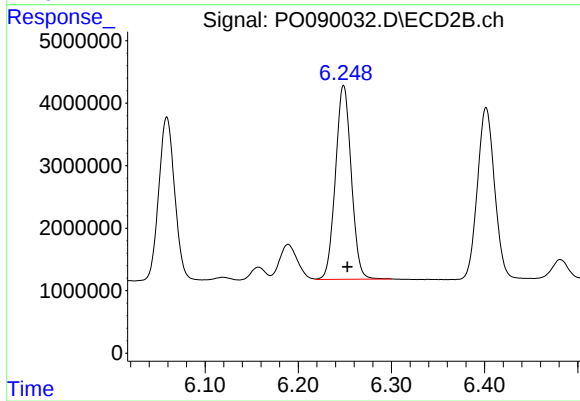
#31 AR-1260-1

R.T.: 6.059 min
Delta R.T.: -0.005 min
Response: 31123245
Conc: 516.99 ng/ml



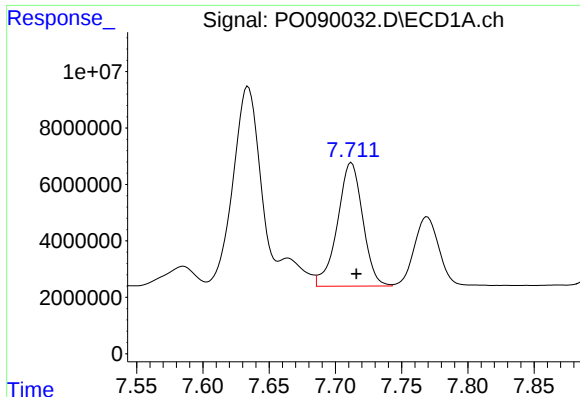
#32 AR-1260-2

R.T.: 7.351 min
Delta R.T.: -0.003 min
Response: 88031139
Conc: 544.14 ng/ml



#32 AR-1260-2

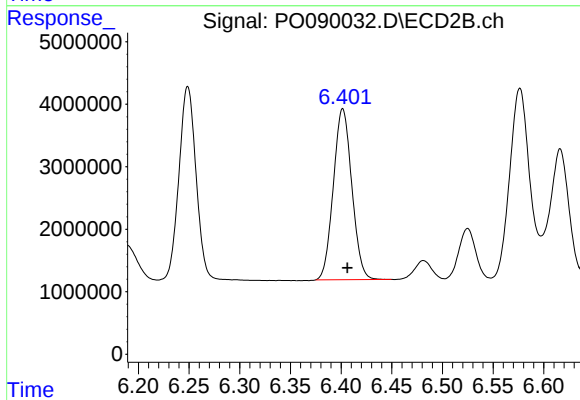
R.T.: 6.249 min
Delta R.T.: -0.004 min
Response: 36571359
Conc: 506.23 ng/ml



#33 AR-1260-3

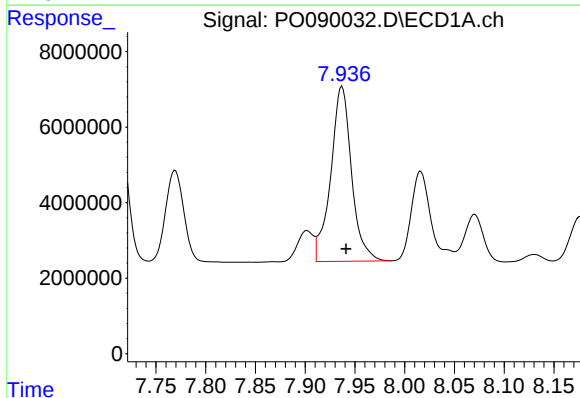
R.T.: 7.712 min
Delta R.T.: -0.004 min
Response: 58169669
Conc: 553.70 ng/ml

Instrument :
ECD_O
ClientSampleId :



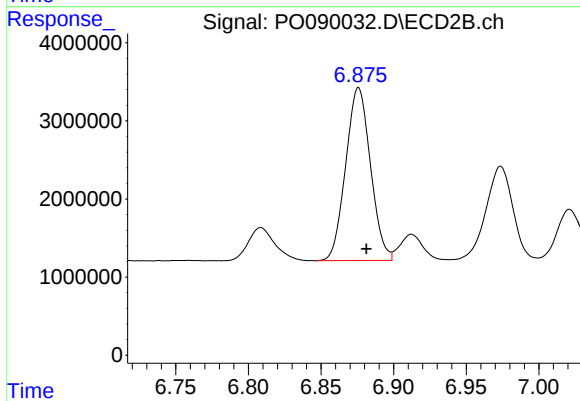
#33 AR-1260-3

R.T.: 6.402 min
Delta R.T.: -0.004 min
Response: 34723171
Conc: 521.11 ng/ml



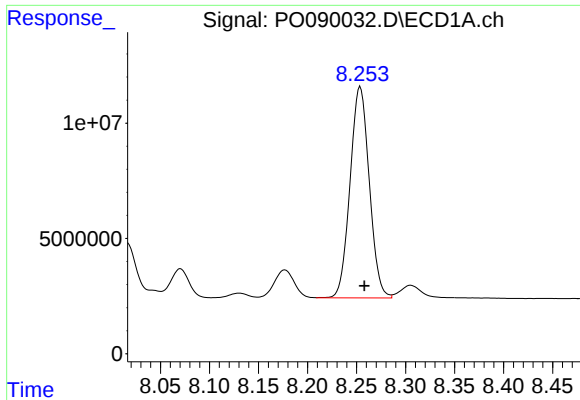
#34 AR-1260-4

R.T.: 7.937 min
Delta R.T.: -0.004 min
Response: 67657274
Conc: 547.65 ng/ml



#34 AR-1260-4

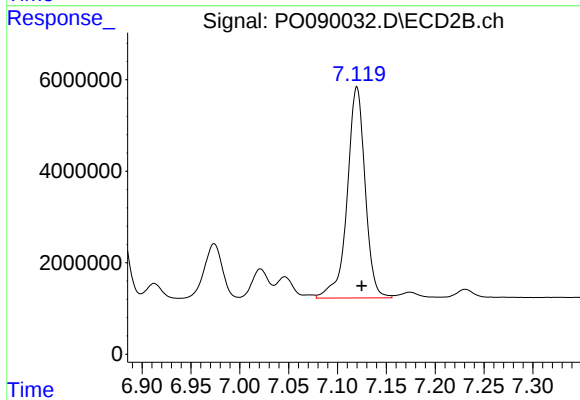
R.T.: 6.876 min
Delta R.T.: -0.005 min
Response: 26313957
Conc: 517.24 ng/ml



#35 AR-1260-5

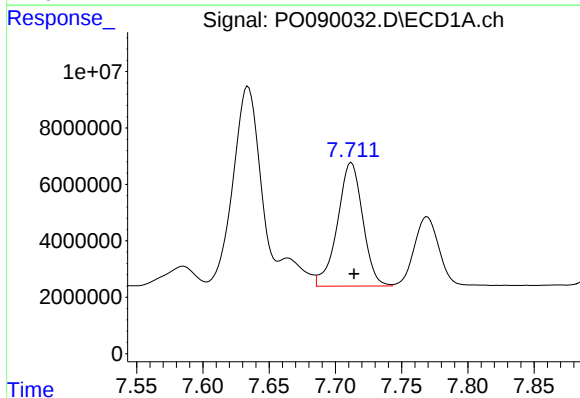
R.T.: 8.254 min
Delta R.T.: -0.004 min
Response: 124913015
Conc: 548.93 ng/ml

Instrument :
ECD_O
ClientSampleId :



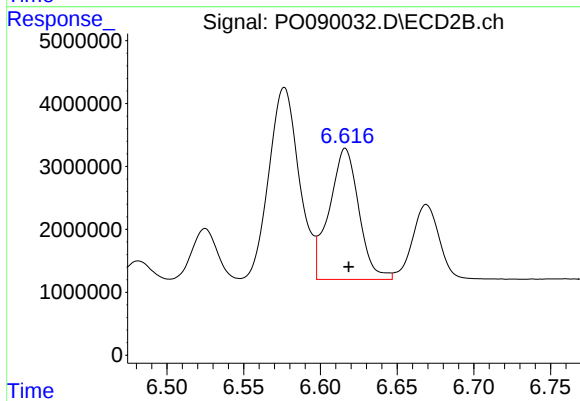
#35 AR-1260-5

R.T.: 7.120 min
Delta R.T.: -0.005 min
Response: 58929174
Conc: 507.35 ng/ml



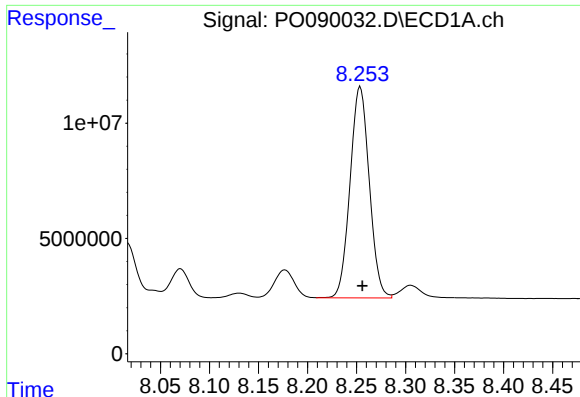
#36 AR-1262-1

R.T.: 7.712 min
Delta R.T.: -0.002 min
Response: 58169669
Conc: 350.91 ng/ml



#36 AR-1262-1

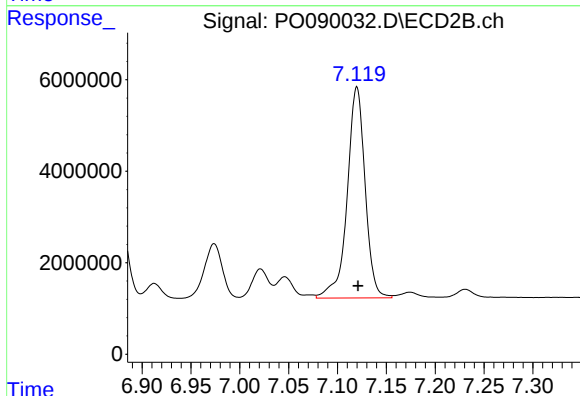
R.T.: 6.616 min
Delta R.T.: -0.002 min
Response: 27961233
Conc: 369.02 ng/ml



#37 AR-1262-2

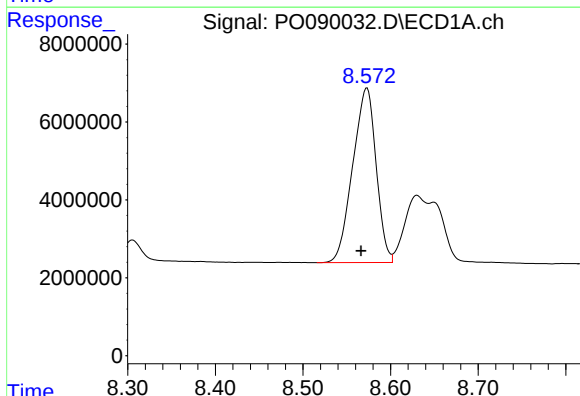
R.T.: 8.254 min
Delta R.T.: -0.002 min
Response: 124913015
Conc: 444.59 ng/ml

Instrument :
ECD_O
ClientSampleId :



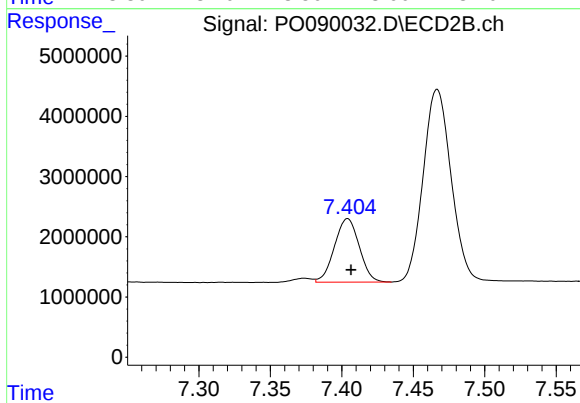
#37 AR-1262-2

R.T.: 7.120 min
Delta R.T.: -0.001 min
Response: 58929174
Conc: 459.55 ng/ml



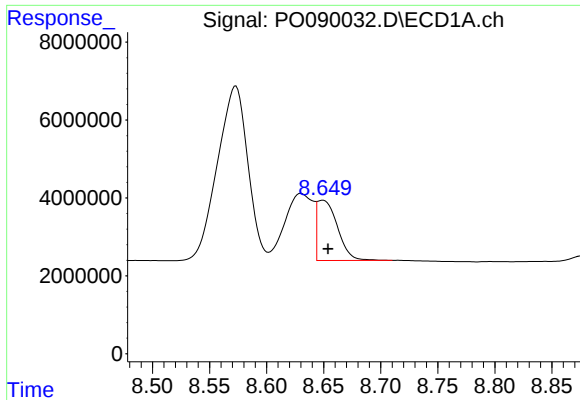
#38 AR-1262-3

R.T.: 8.573 min
Delta R.T.: 0.007 min
Response: 83195500
Conc: 423.71 ng/ml



#38 AR-1262-3

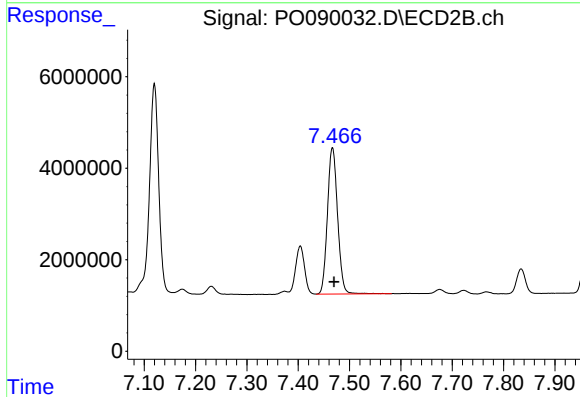
R.T.: 7.404 min
Delta R.T.: -0.003 min
Response: 12777376
Conc: 234.63 ng/ml



#39 AR-1262-4

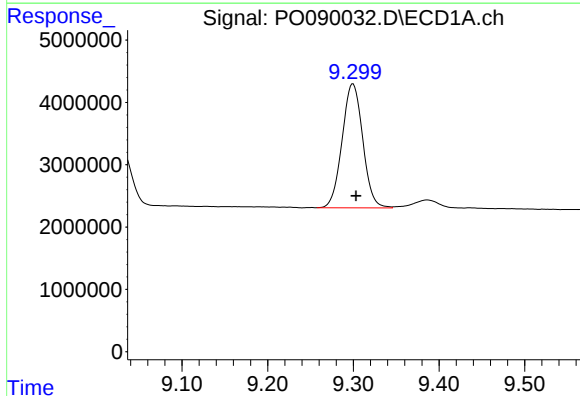
R.T.: 8.649 min
Delta R.T.: -0.005 min
Response: 19354116
Conc: 198.90 ng/ml

Instrument :
ECD_O
ClientSampleId :



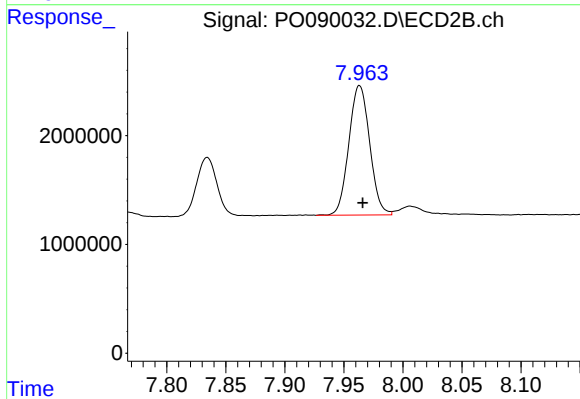
#39 AR-1262-4

R.T.: 7.467 min
Delta R.T.: -0.003 min
Response: 44004397
Conc: 453.09 ng/ml



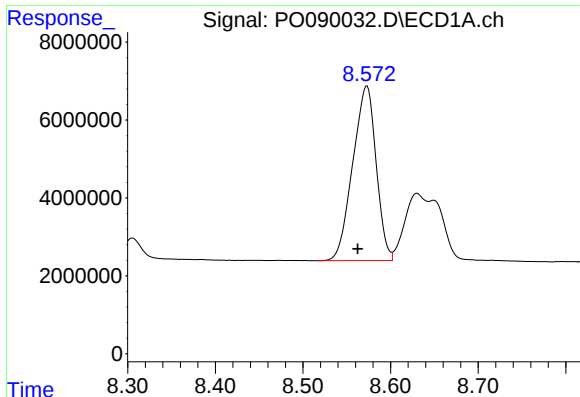
#40 AR-1262-5

R.T.: 9.300 min
Delta R.T.: -0.004 min
Response: 33330990
Conc: 316.32 ng/ml



#40 AR-1262-5

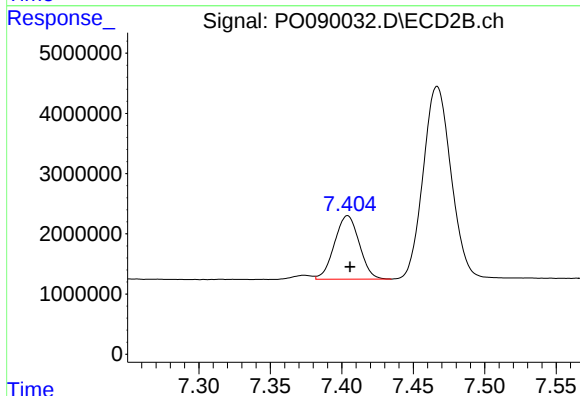
R.T.: 7.963 min
Delta R.T.: -0.003 min
Response: 14642587
Conc: 308.52 ng/ml



#41 AR-1268-1

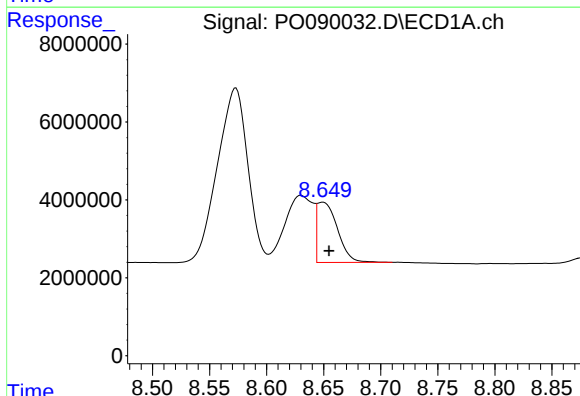
R.T.: 8.573 min
Delta R.T.: 0.010 min
Response: 83195500
Conc: 238.63 ng/ml

Instrument :
ECD_O
ClientSampleId :



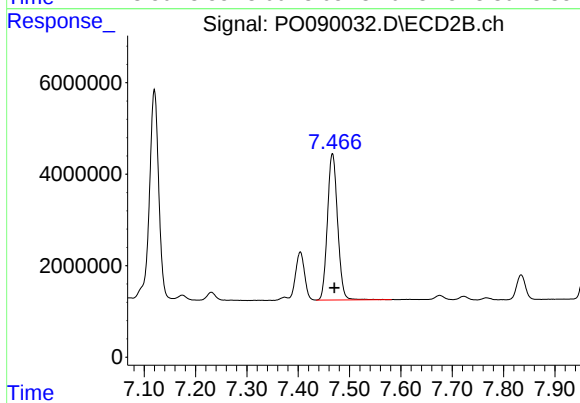
#41 AR-1268-1

R.T.: 7.404 min
Delta R.T.: -0.002 min
Response: 12777376
Conc: 81.10 ng/ml



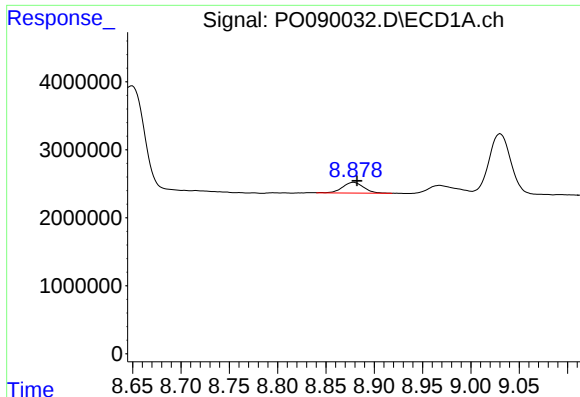
#42 AR-1268-2

R.T.: 8.649 min
Delta R.T.: -0.005 min
Response: 19354116
Conc: 62.04 ng/ml



#42 AR-1268-2

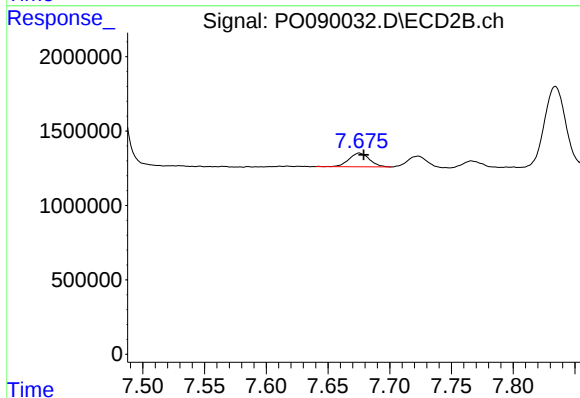
R.T.: 7.467 min
Delta R.T.: -0.004 min
Response: 44004397
Conc: 313.63 ng/ml



#43 AR-1268-3

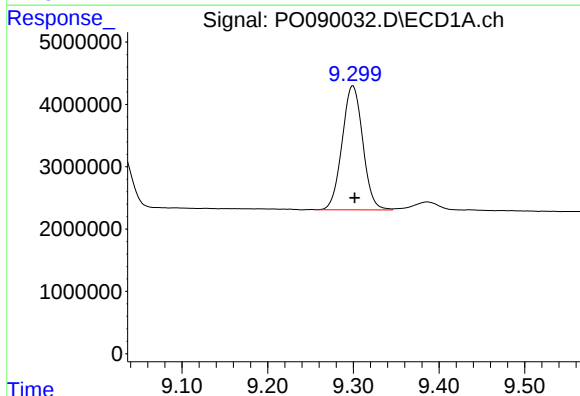
R.T.: 8.879 min
Delta R.T.: -0.003 min
Response: 2402437
Conc: 8.94 ng/ml

Instrument :
ECD_O
ClientSampleId :



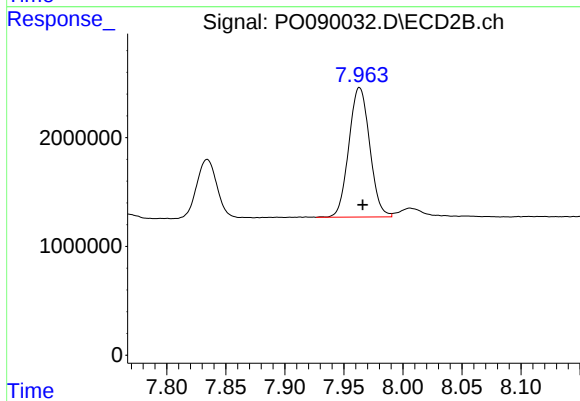
#43 AR-1268-3

R.T.: 7.675 min
Delta R.T.: -0.004 min
Response: 1067089
Conc: 8.89 ng/ml



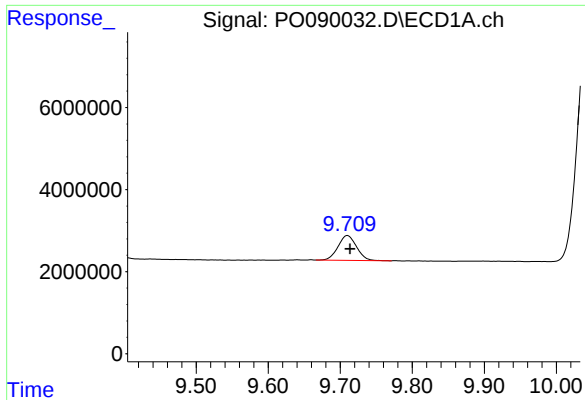
#44 AR-1268-4

R.T.: 9.300 min
Delta R.T.: -0.002 min
Response: 33330990
Conc: 286.05 ng/ml



#44 AR-1268-4

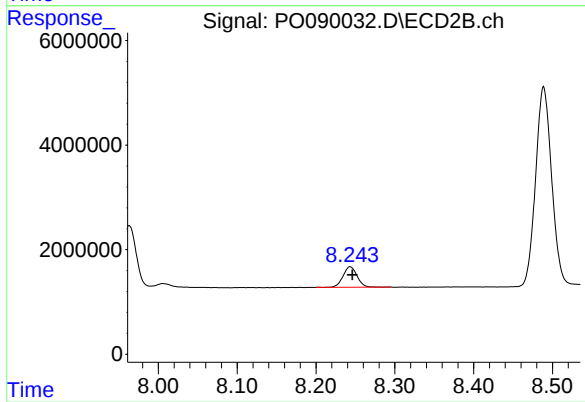
R.T.: 7.963 min
Delta R.T.: -0.003 min
Response: 14642587
Conc: 269.61 ng/ml



#45 AR-1268-5

R.T.: 9.710 min
Delta R.T.: -0.004 min
Response: 10874674
Conc: 12.68 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.243 min
Delta R.T.: -0.003 min
Response: 4932062
Conc: 14.09 ng/ml