

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO111122\
 Data File : PO090517.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Nov 2022 23:39
 Operator : YP/AJ
 Sample : PB148988BS
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 12 02:02:55 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...	4.306	3.484	71969195	23537157	22.393	22.146
2)	SA Decachlor...	10.062	8.492	52561335	24357506	21.449	23.650
Target Compounds							
3)	L1 AR-1016-1	5.482	4.570	48501894	17775137	455.984	460.176
4)	L1 AR-1016-2	5.504	4.589	68861858	25106883	452.048	469.348
5)	L1 AR-1016-3	5.566	4.764	43144870	13656519	456.616	470.381
6)	L1 AR-1016-4	5.665	4.808	34417742	11688436	458.976	470.872
7)	L1 AR-1016-5	5.963	5.021	34744715	14769278	450.172	480.783
8)	L2 AR-1221-1	4.511	3.697	5457071	1778912	142.965	133.151
9)	L2 AR-1221-2	4.602	3.783	6473388	2347264	227.709	231.284
10)	L2 AR-1221-3	4.679	3.859	27212768	9930940	317.795	319.239
11)	L3 AR-1232-1	4.679	3.859	27212768	9930940	415.566	417.431
12)	L3 AR-1232-2	5.211	4.589	38216972	25106883	994.150	1047.725
13)	L3 AR-1232-3	5.504	4.764	68861858	13656519	1027.613	1075.413
14)	L3 AR-1232-4	5.665	4.850	34417742	14312527	1042.403	1173.879
15)	L3 AR-1232-5	5.758	5.021	29868682	14769278	1127.412	1106.162
16)	L4 AR-1242-1	5.482	4.570	48501894	17775137	586.189	597.048
17)	L4 AR-1242-2	5.504	4.589	68861858	25106883	583.073	617.257
18)	L4 AR-1242-3	5.566	4.764	43144870	13656519	579.618	617.596
19)	L4 AR-1242-4	5.665	4.850	34417742	14312527	590.767	603.556
20)	L4 AR-1242-5	6.408	5.375	5017571	12009916	81.627	419.853 #
21)	L5 AR-1248-1	5.482	4.570	48501894	17775137	766.861	782.972
22)	L5 AR-1248-2	5.758	4.808	29868682	11688436	315.401	359.513
23)	L5 AR-1248-3	5.963	4.850	34744715	14312527	352.450	424.603
24)	L5 AR-1248-4	6.368	5.021	5079445	14769278	47.641	381.899 #
25)	L5 AR-1248-5	6.408	5.415	5017571	1753788	47.765	48.436
26)	L6 AR-1254-1	6.343	5.375	26942381	12009916	232.468	203.885
27)	L6 AR-1254-2	6.563	5.524	28661525	11783416	164.784	219.921 #
28)	L6 AR-1254-3	6.931	5.944	14460782	20622805	83.297	248.819 #
29)	L6 AR-1254-4	7.219	6.159	9018798	2110917	70.754	42.504 #
30)	L6 AR-1254-5	7.641	6.578	79700537	39334640	565.816	525.334
31)	L7 AR-1260-1	7.097	6.060	59696851	28622074	425.842	475.440
32)	L7 AR-1260-2	7.357	6.250	67804239	33871604	419.114	468.860
33)	L7 AR-1260-3	7.719	6.403	43807432	31663715	416.994	475.191
34)	L7 AR-1260-4	7.945	6.878	51840267	23768101	419.617	467.194
35)	L7 AR-1260-5	8.262	7.121	94622597	53350467	415.818	459.318
36)	L8 AR-1262-1	7.719	6.618	43807432	25020188	264.267	330.201
37)	L8 AR-1262-2	8.262	7.121	94622597	53350467	336.782	416.049
38)	L8 AR-1262-3	8.584	7.406	63532664	10995408	323.565	201.905 #
39)	L8 AR-1262-4	8.661	7.469	12764159	38633374	131.178	397.788 #
40)	L8 AR-1262-5	9.311	7.967	24788182	12503204	235.245	263.445
41)	L9 AR-1268-1	8.584	7.406	63532664	10995408	182.231	69.789 #

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 ALS Vial : 26 Sample Multiplier: 1

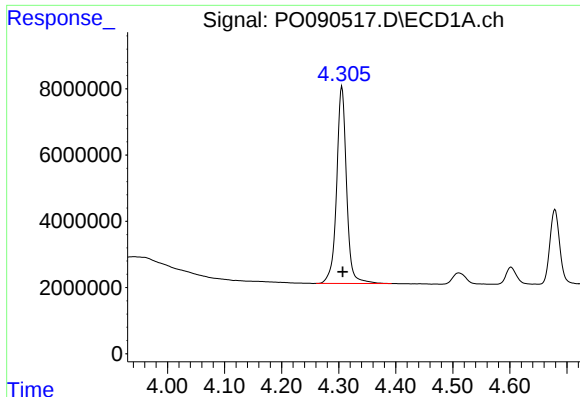
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 12 02:02:55 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	8.661	7.469	12764159	38633374	40.915	275.349 #
43) L9	AR-1268-3	8.889	7.679	2018919	911863	7.513	7.598
44) L9	AR-1268-4	9.311	7.967	24788182	12503204	212.736	230.220
45) L9	AR-1268-5	9.724	8.246	8063770	4125120	9.405	11.784 #

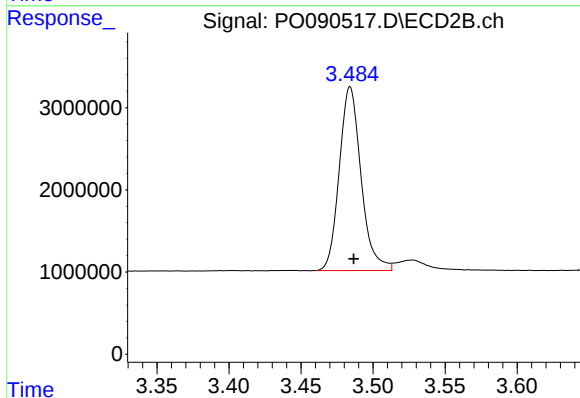
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

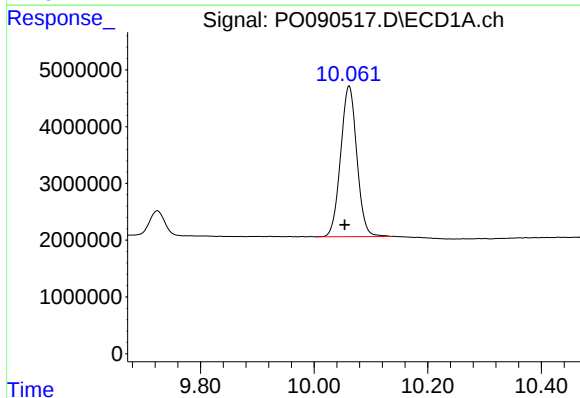
R.T.: 4.306 min
Delta R.T.: -0.001 min
Response: 71969195
Conc: 22.39 ng/ml

Instrument :
ECD_O
ClientSampleId :



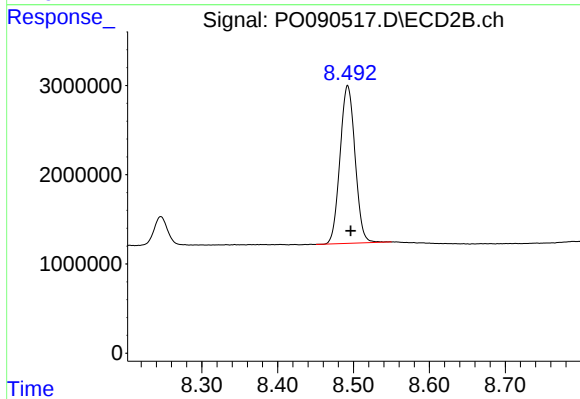
#1 Tetrachloro-m-xylene

R.T.: 3.484 min
Delta R.T.: -0.003 min
Response: 23537157
Conc: 22.15 ng/ml



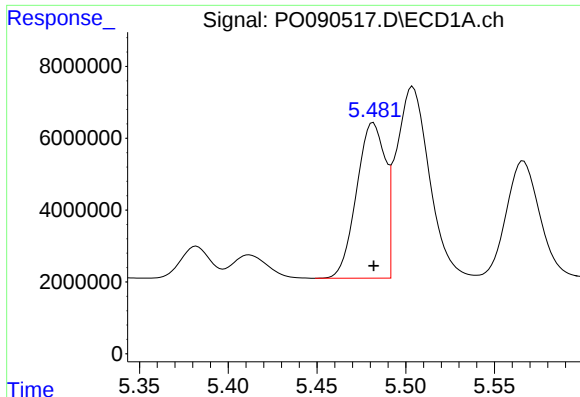
#2 Decachlorobiphenyl

R.T.: 10.062 min
Delta R.T.: 0.008 min
Response: 52561335
Conc: 21.45 ng/ml



#2 Decachlorobiphenyl

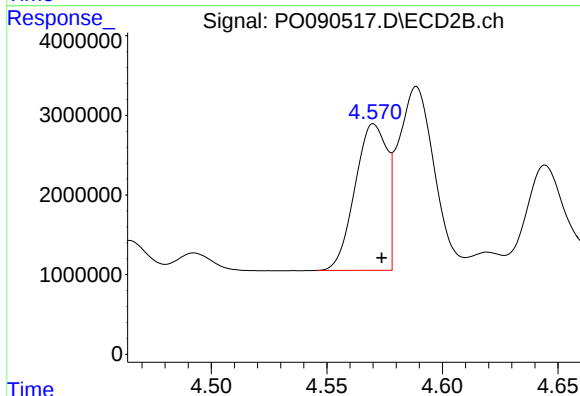
R.T.: 8.492 min
Delta R.T.: -0.004 min
Response: 24357506
Conc: 23.65 ng/ml



#3 AR-1016-1

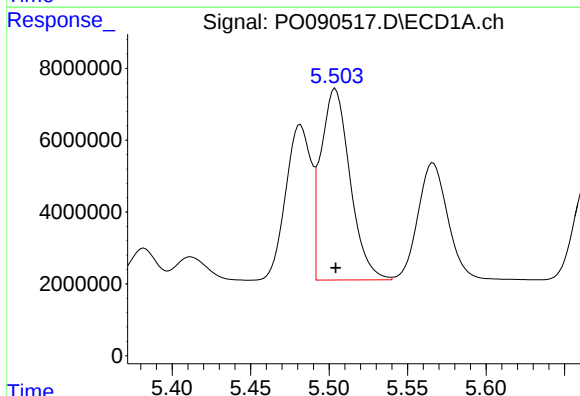
R.T.: 5.482 min
Delta R.T.: 0.000 min
Response: 48501894
Conc: 455.98 ng/ml

Instrument :
ECD_O
ClientSampleId :



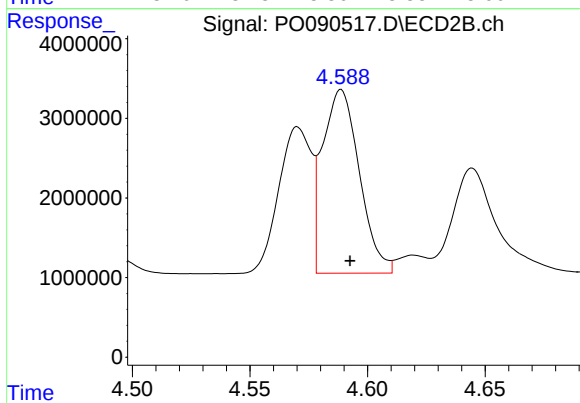
#3 AR-1016-1

R.T.: 4.570 min
Delta R.T.: -0.003 min
Response: 17775137
Conc: 460.18 ng/ml



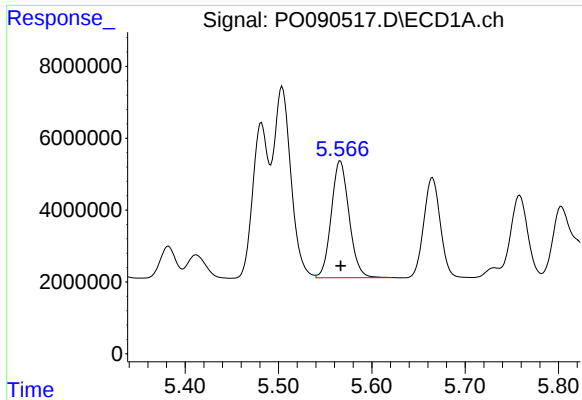
#4 AR-1016-2

R.T.: 5.504 min
Delta R.T.: 0.000 min
Response: 68861858
Conc: 452.05 ng/ml



#4 AR-1016-2

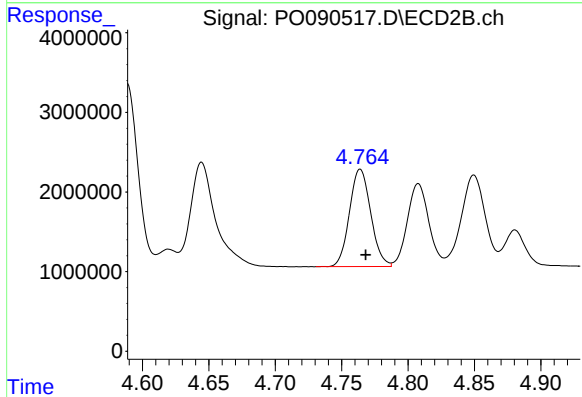
R.T.: 4.589 min
Delta R.T.: -0.004 min
Response: 25106883
Conc: 469.35 ng/ml



#5 AR-1016-3

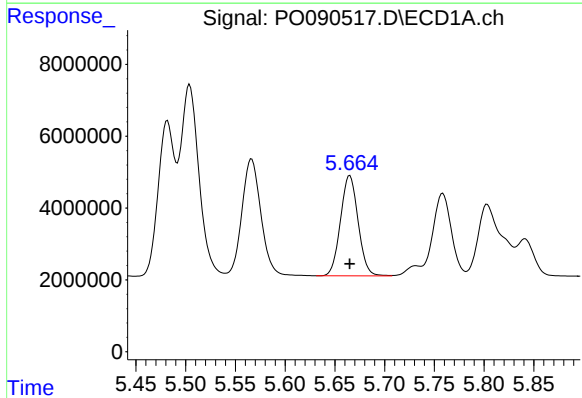
R.T.: 5.566 min
Delta R.T.: 0.000 min
Response: 43144870
Conc: 456.62 ng/ml

Instrument :
ECD_O
ClientSampleId :



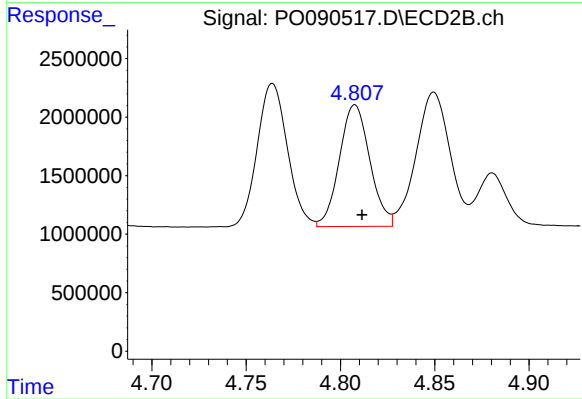
#5 AR-1016-3

R.T.: 4.764 min
Delta R.T.: -0.004 min
Response: 13656519
Conc: 470.38 ng/ml



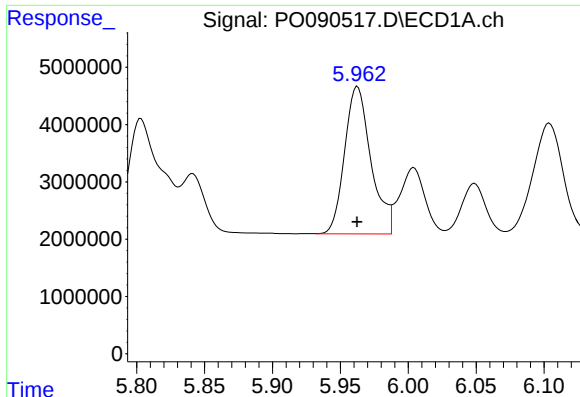
#6 AR-1016-4

R.T.: 5.665 min
Delta R.T.: 0.000 min
Response: 34417742
Conc: 458.98 ng/ml



#6 AR-1016-4

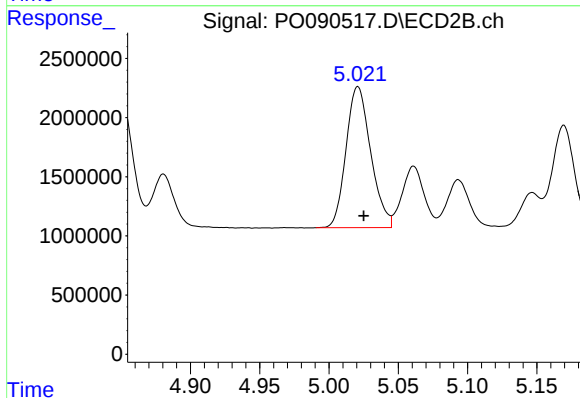
R.T.: 4.808 min
Delta R.T.: -0.004 min
Response: 11688436
Conc: 470.87 ng/ml



#7 AR-1016-5

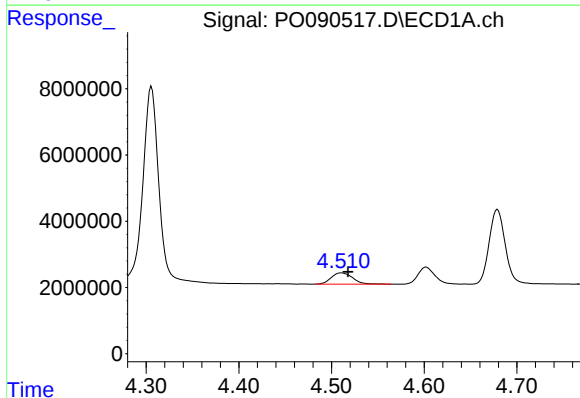
R.T.: 5.963 min
Delta R.T.: 0.000 min
Response: 34744715
Conc: 450.17 ng/ml

Instrument :
ECD_O
ClientSampleId :



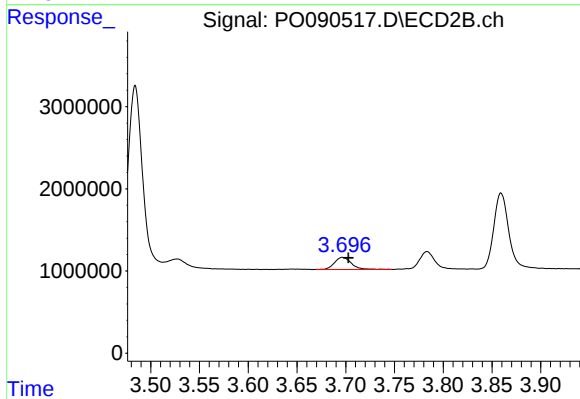
#7 AR-1016-5

R.T.: 5.021 min
Delta R.T.: -0.004 min
Response: 14769278
Conc: 480.78 ng/ml



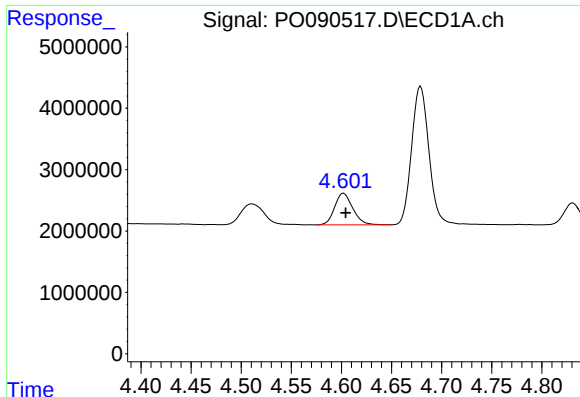
#8 AR-1221-1

R.T.: 4.511 min
Delta R.T.: -0.007 min
Response: 5457071
Conc: 142.97 ng/ml



#8 AR-1221-1

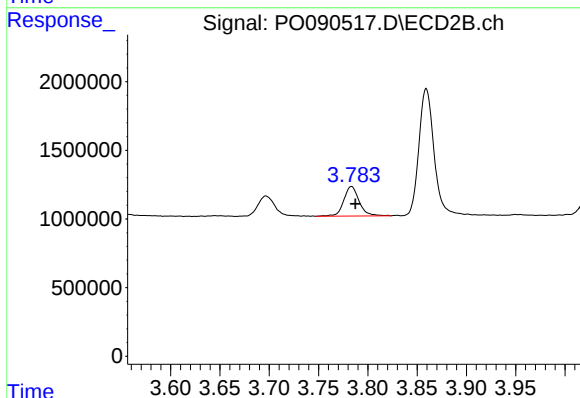
R.T.: 3.697 min
Delta R.T.: -0.006 min
Response: 1778912
Conc: 133.15 ng/ml



#9 AR-1221-2

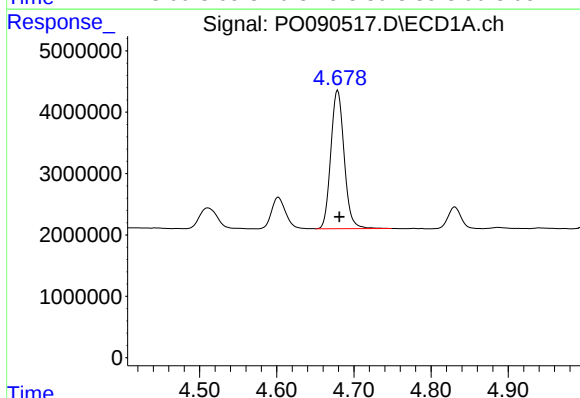
R.T.: 4.602 min
Delta R.T.: -0.002 min
Response: 6473388
Conc: 227.71 ng/ml

Instrument :
ECD_O
ClientSampleId :



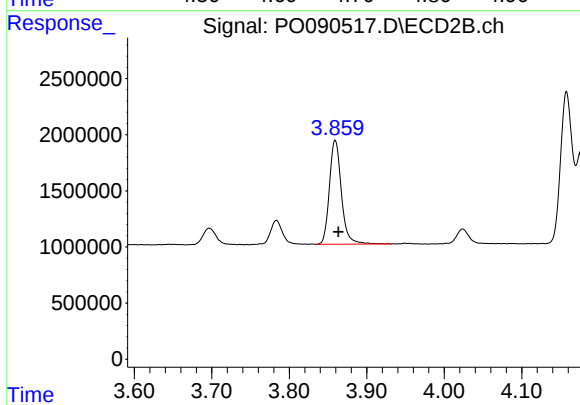
#9 AR-1221-2

R.T.: 3.783 min
Delta R.T.: -0.004 min
Response: 2347264
Conc: 231.28 ng/ml



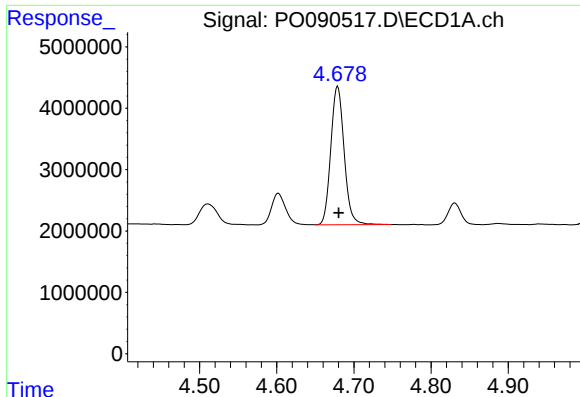
#10 AR-1221-3

R.T.: 4.679 min
Delta R.T.: -0.002 min
Response: 27212768
Conc: 317.79 ng/ml



#10 AR-1221-3

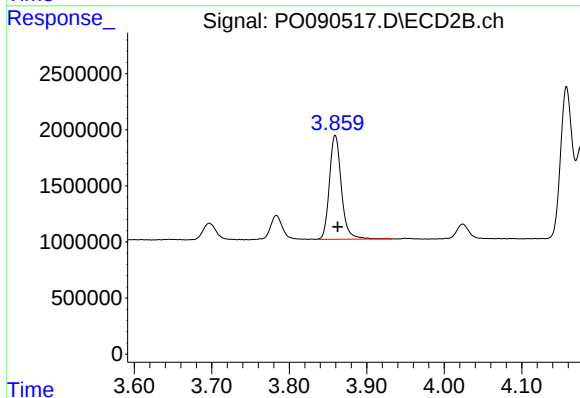
R.T.: 3.859 min
Delta R.T.: -0.004 min
Response: 9930940
Conc: 319.24 ng/ml



#11 AR-1232-1

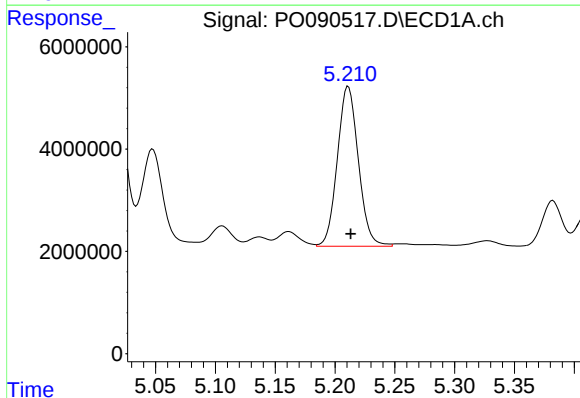
R.T.: 4.679 min
Delta R.T.: -0.001 min
Response: 27212768
Conc: 415.57 ng/ml

Instrument :
ECD_O
ClientSampleId :



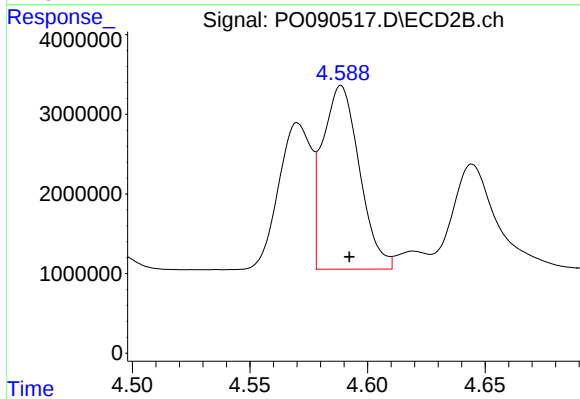
#11 AR-1232-1

R.T.: 3.859 min
Delta R.T.: -0.003 min
Response: 9930940
Conc: 417.43 ng/ml



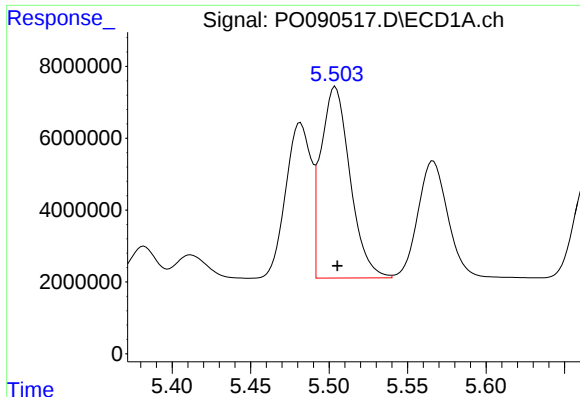
#12 AR-1232-2

R.T.: 5.211 min
Delta R.T.: -0.002 min
Response: 38216972
Conc: 994.15 ng/ml



#12 AR-1232-2

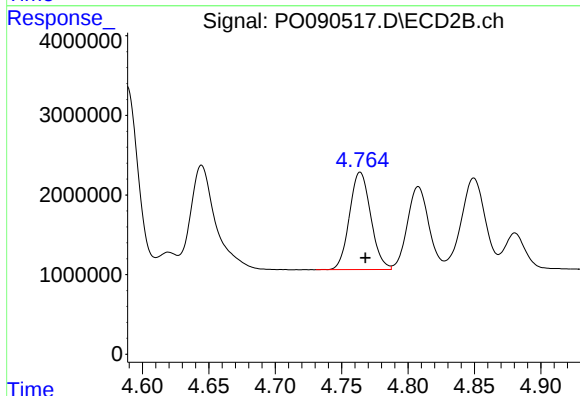
R.T.: 4.589 min
Delta R.T.: -0.004 min
Response: 25106883
Conc: 1047.73 ng/ml



#13 AR-1232-3

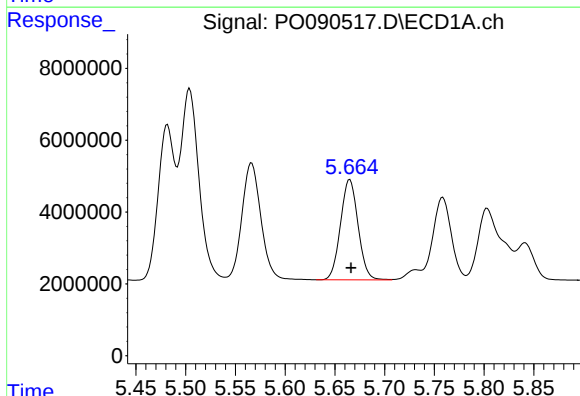
R.T.: 5.504 min
Delta R.T.: -0.001 min
Response: 68861858
Conc: 1027.61 ng/ml

Instrument :
ECD_O
ClientSampleId :



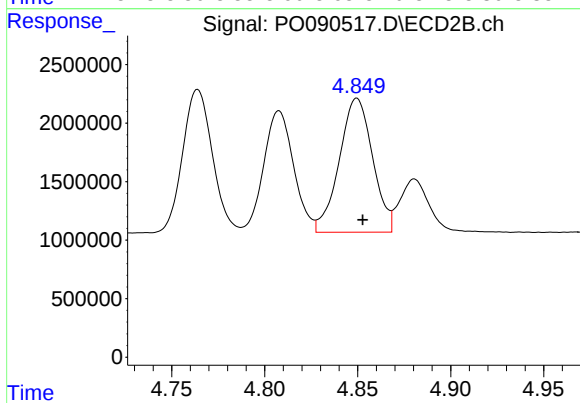
#13 AR-1232-3

R.T.: 4.764 min
Delta R.T.: -0.004 min
Response: 13656519
Conc: 1075.41 ng/ml



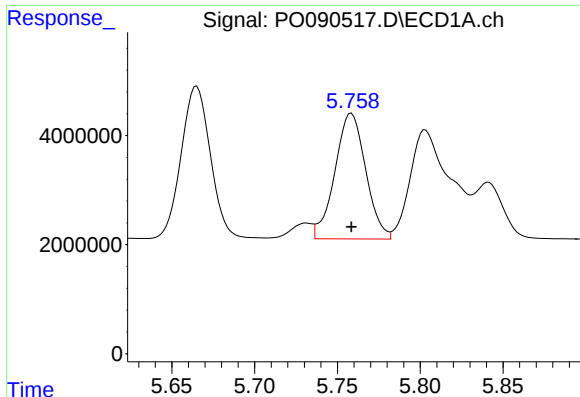
#14 AR-1232-4

R.T.: 5.665 min
Delta R.T.: -0.001 min
Response: 34417742
Conc: 1042.40 ng/ml



#14 AR-1232-4

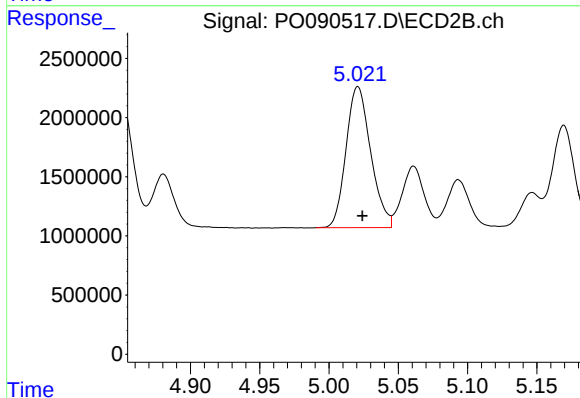
R.T.: 4.850 min
Delta R.T.: -0.003 min
Response: 14312527
Conc: 1173.88 ng/ml



#15 AR-1232-5

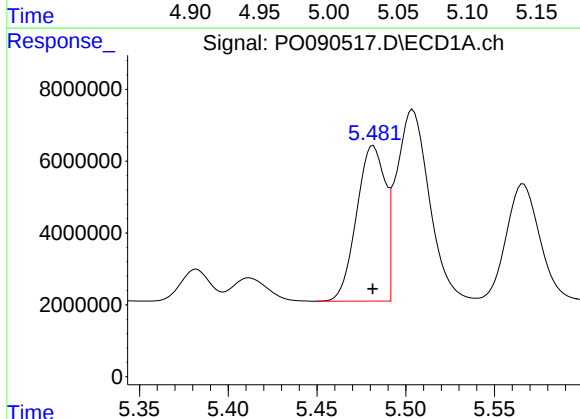
R.T.: 5.758 min
Delta R.T.: 0.000 min
Response: 29868682
Conc: 1127.41 ng/ml

Instrument :
ECD_O
ClientSampleId :



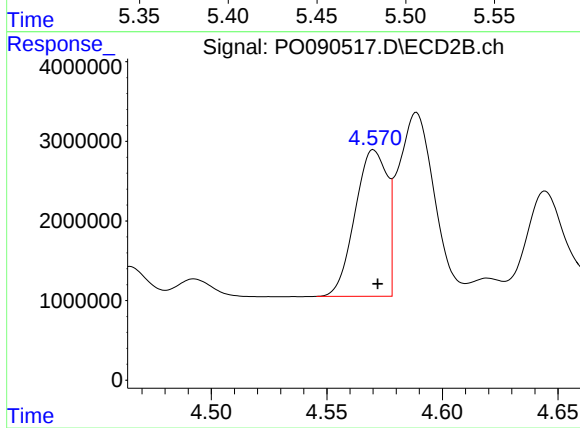
#15 AR-1232-5

R.T.: 5.021 min
Delta R.T.: -0.003 min
Response: 14769278
Conc: 1106.16 ng/ml



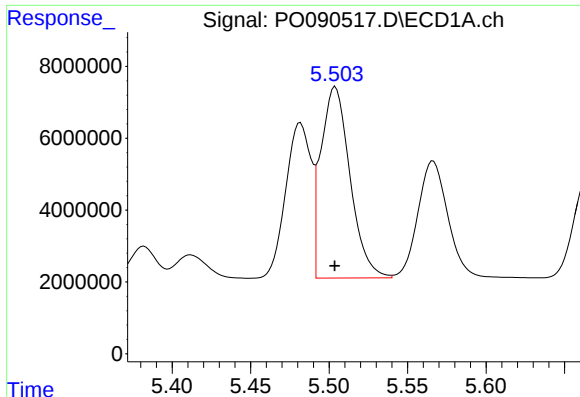
#16 AR-1242-1

R.T.: 5.482 min
Delta R.T.: 0.000 min
Response: 48501894
Conc: 586.19 ng/ml



#16 AR-1242-1

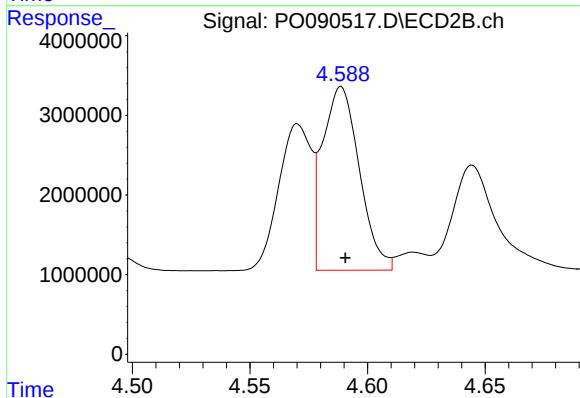
R.T.: 4.570 min
Delta R.T.: -0.002 min
Response: 17775137
Conc: 597.05 ng/ml



#17 AR-1242-2

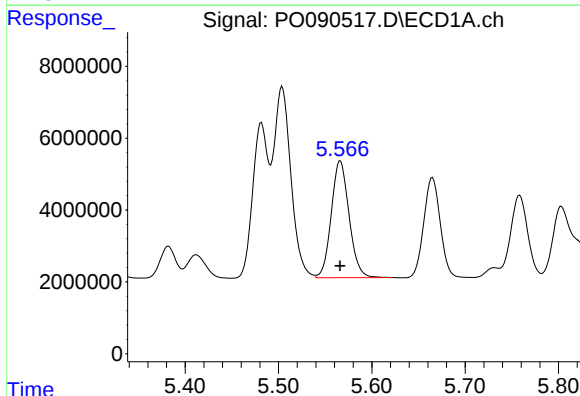
R.T.: 5.504 min
Delta R.T.: 0.000 min
Response: 68861858
Conc: 583.07 ng/ml

Instrument :
ECD_O
ClientSampleId :



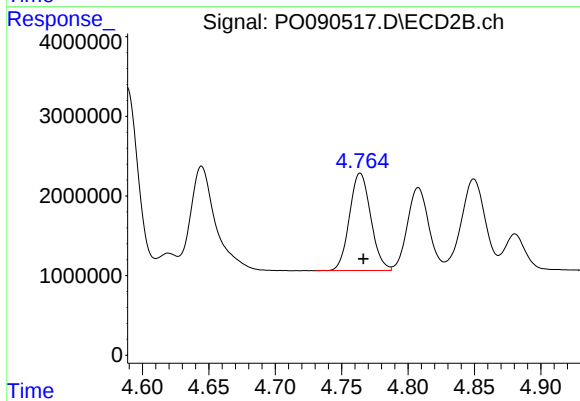
#17 AR-1242-2

R.T.: 4.589 min
Delta R.T.: -0.002 min
Response: 25106883
Conc: 617.26 ng/ml



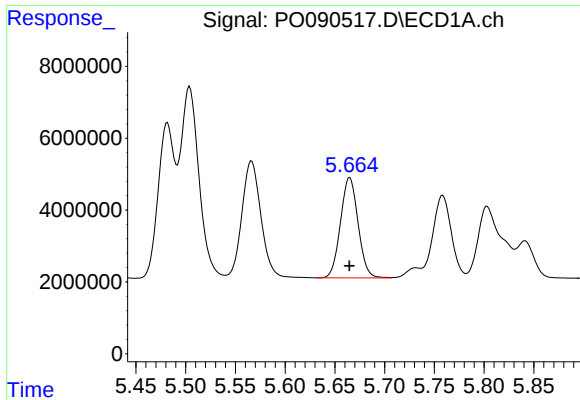
#18 AR-1242-3

R.T.: 5.566 min
Delta R.T.: 0.000 min
Response: 43144870
Conc: 579.62 ng/ml



#18 AR-1242-3

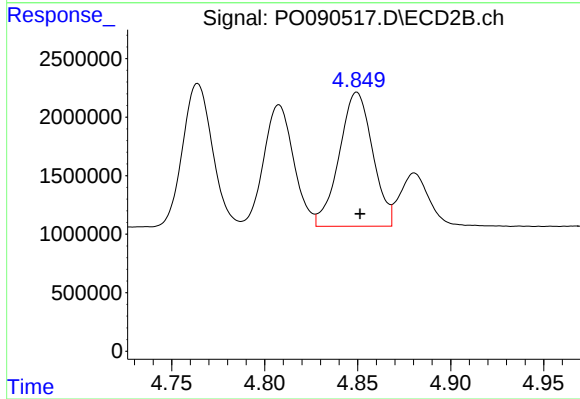
R.T.: 4.764 min
Delta R.T.: -0.002 min
Response: 13656519
Conc: 617.60 ng/ml



#19 AR-1242-4

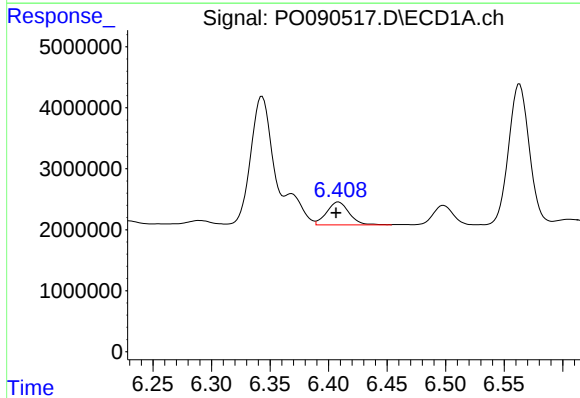
R.T.: 5.665 min
Delta R.T.: 0.000 min
Response: 34417742
Conc: 590.77 ng/ml

Instrument :
ECD_O
ClientSampleId :



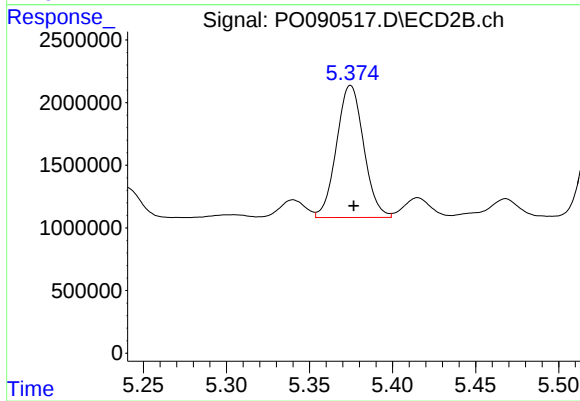
#19 AR-1242-4

R.T.: 4.850 min
Delta R.T.: -0.002 min
Response: 14312527
Conc: 603.56 ng/ml



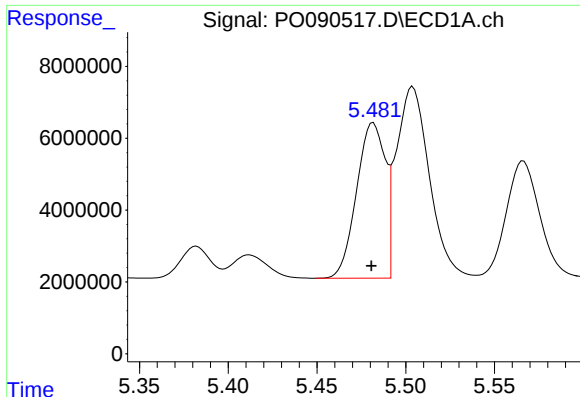
#20 AR-1242-5

R.T.: 6.408 min
Delta R.T.: 0.002 min
Response: 5017571
Conc: 81.63 ng/ml



#20 AR-1242-5

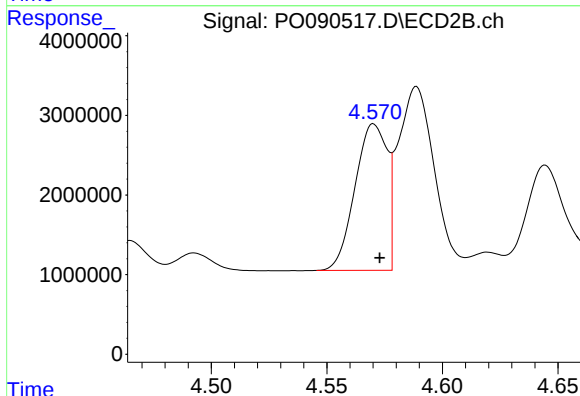
R.T.: 5.375 min
Delta R.T.: -0.002 min
Response: 12009916
Conc: 419.85 ng/ml



#21 AR-1248-1

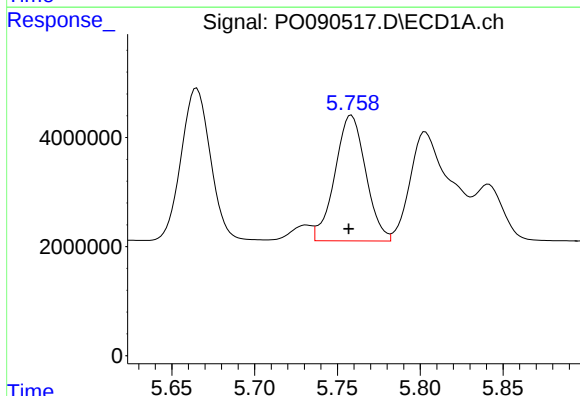
R.T.: 5.482 min
Delta R.T.: 0.001 min
Response: 48501894
Conc: 766.86 ng/ml

Instrument :
ECD_O
ClientSampleId :



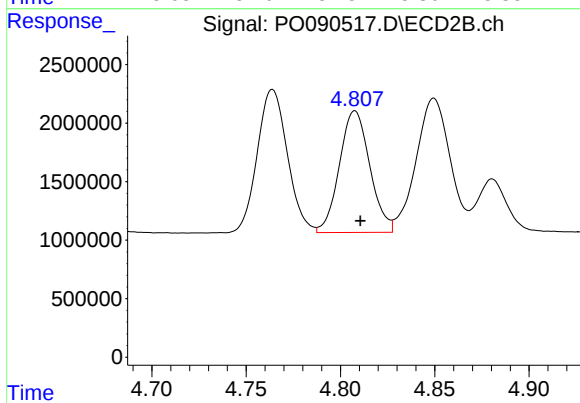
#21 AR-1248-1

R.T.: 4.570 min
Delta R.T.: -0.003 min
Response: 17775137
Conc: 782.97 ng/ml



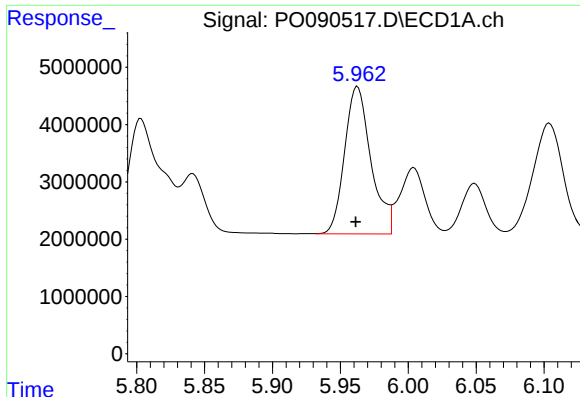
#22 AR-1248-2

R.T.: 5.758 min
Delta R.T.: 0.002 min
Response: 29868682
Conc: 315.40 ng/ml



#22 AR-1248-2

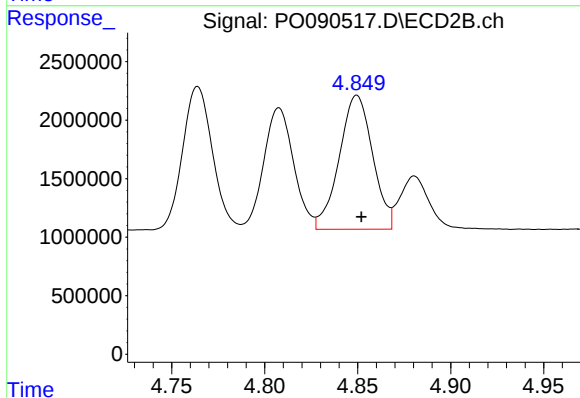
R.T.: 4.808 min
Delta R.T.: -0.003 min
Response: 11688436
Conc: 359.51 ng/ml



#23 AR-1248-3

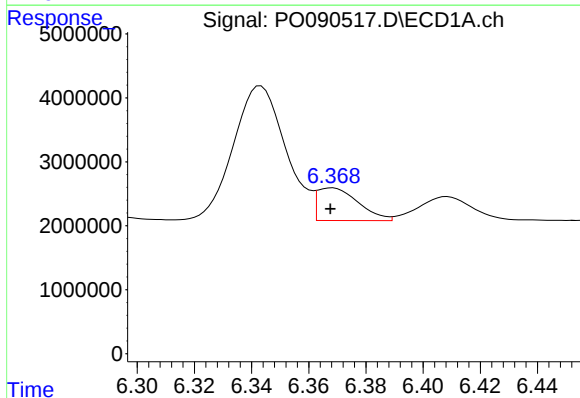
R.T.: 5.963 min
Delta R.T.: 0.001 min
Response: 34744715
Conc: 352.45 ng/ml

Instrument :
ECD_O
ClientSampleId :



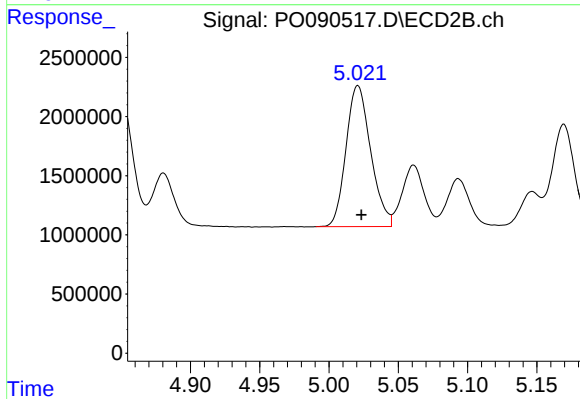
#23 AR-1248-3

R.T.: 4.850 min
Delta R.T.: -0.002 min
Response: 14312527
Conc: 424.60 ng/ml



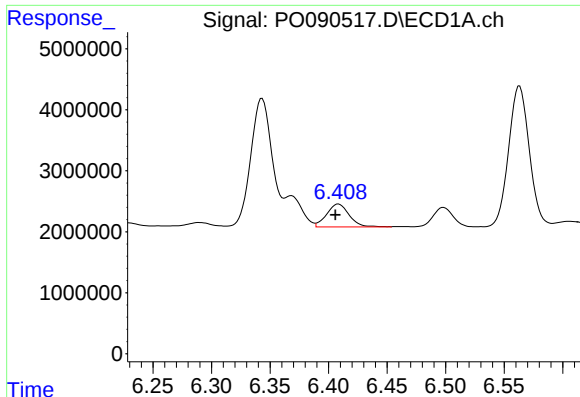
#24 AR-1248-4

R.T.: 6.368 min
Delta R.T.: 0.000 min
Response: 5079445
Conc: 47.64 ng/ml



#24 AR-1248-4

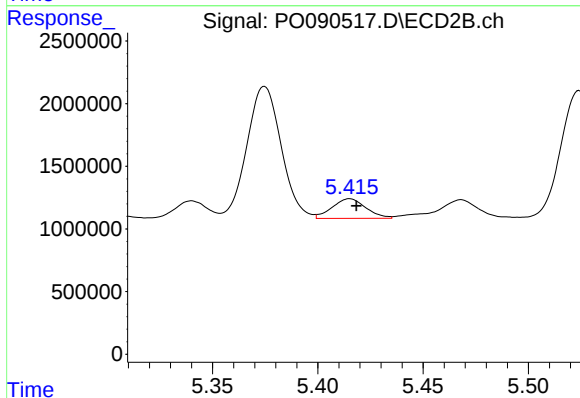
R.T.: 5.021 min
Delta R.T.: -0.003 min
Response: 14769278
Conc: 381.90 ng/ml



#25 AR-1248-5

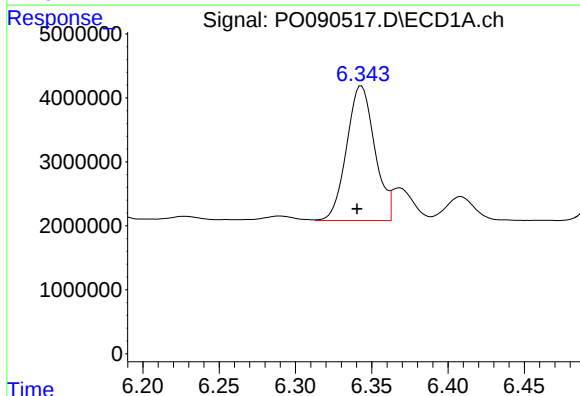
R.T.: 6.408 min
Delta R.T.: 0.003 min
Response: 5017571
Conc: 47.77 ng/ml

Instrument :
ECD_O
ClientSampleId :



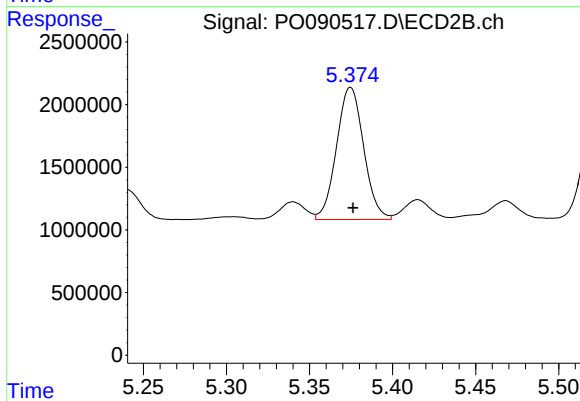
#25 AR-1248-5

R.T.: 5.415 min
Delta R.T.: -0.003 min
Response: 1753788
Conc: 48.44 ng/ml



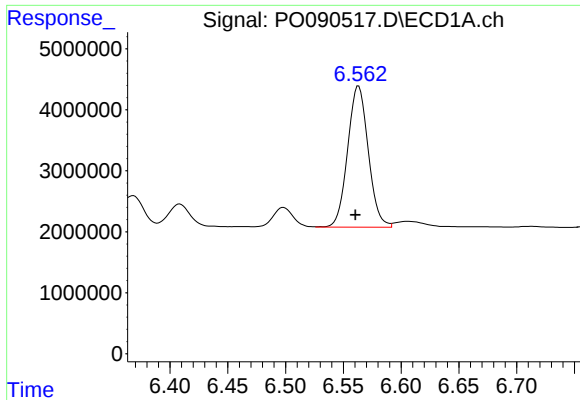
#26 AR-1254-1

R.T.: 6.343 min
Delta R.T.: 0.003 min
Response: 26942381
Conc: 232.47 ng/ml



#26 AR-1254-1

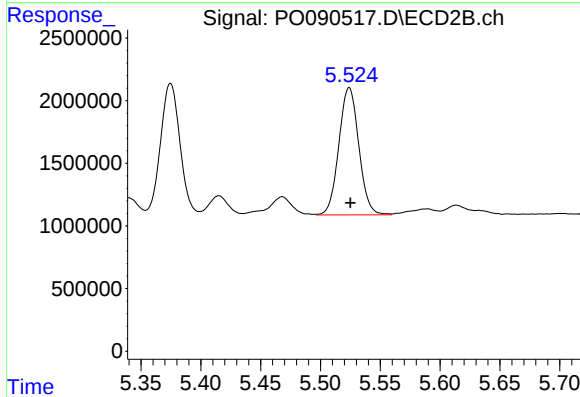
R.T.: 5.375 min
Delta R.T.: -0.001 min
Response: 12009916
Conc: 203.88 ng/ml



#27 AR-1254-2

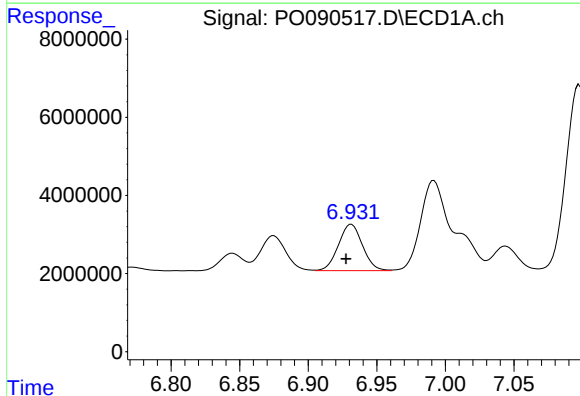
R.T.: 6.563 min
Delta R.T.: 0.003 min
Response: 28661525
Conc: 164.78 ng/ml

Instrument :
ECD_O
ClientSampleId :



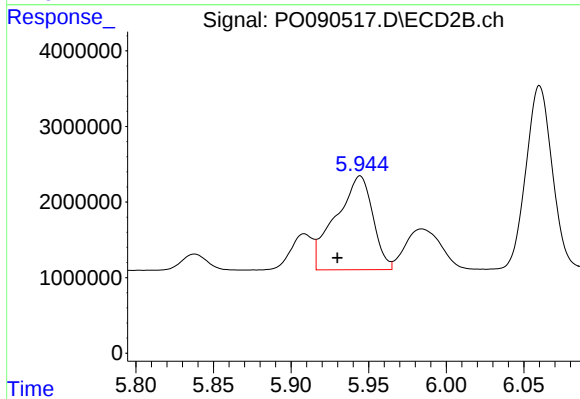
#27 AR-1254-2

R.T.: 5.524 min
Delta R.T.: -0.001 min
Response: 11783416
Conc: 219.92 ng/ml



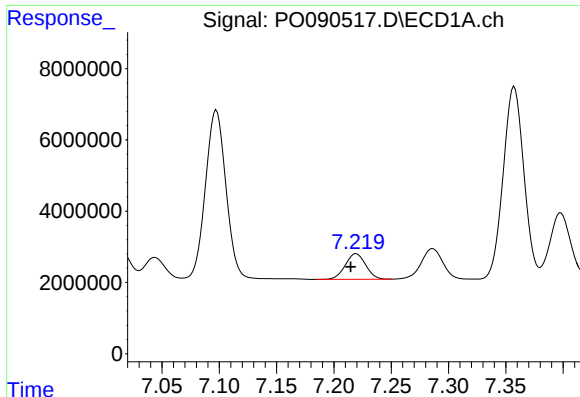
#28 AR-1254-3

R.T.: 6.931 min
Delta R.T.: 0.004 min
Response: 14460782
Conc: 83.30 ng/ml



#28 AR-1254-3

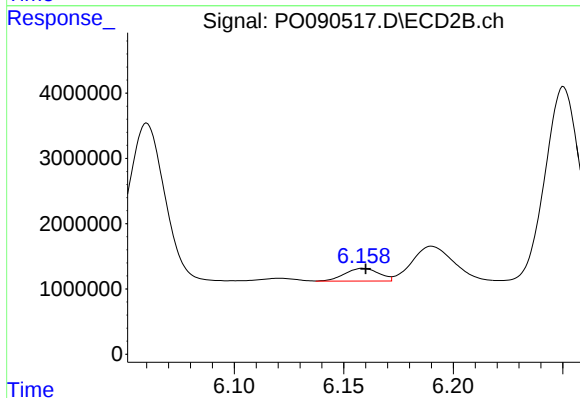
R.T.: 5.944 min
Delta R.T.: 0.014 min
Response: 20622805
Conc: 248.82 ng/ml



#29 AR-1254-4

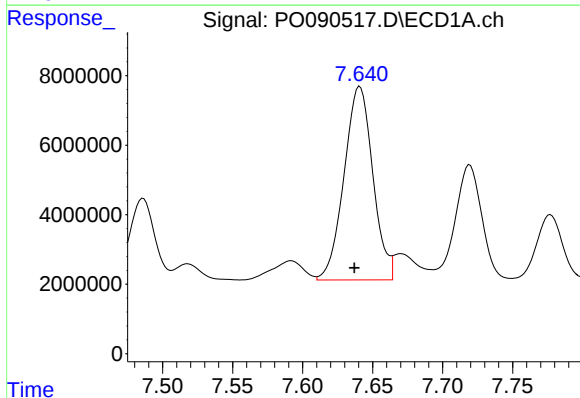
R.T.: 7.219 min
Delta R.T.: 0.005 min
Response: 9018798
Conc: 70.75 ng/ml

Instrument :
ECD_O
ClientSampleId :



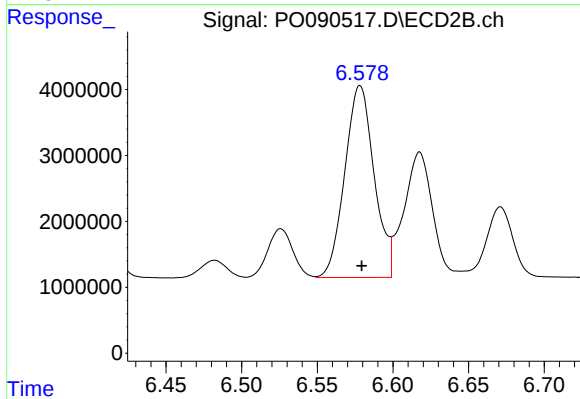
#29 AR-1254-4

R.T.: 6.159 min
Delta R.T.: -0.001 min
Response: 2110917
Conc: 42.50 ng/ml



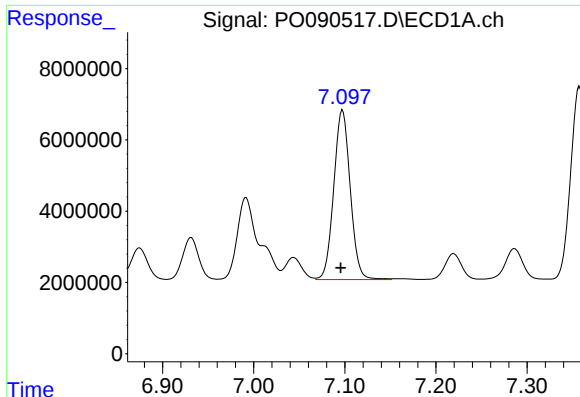
#30 AR-1254-5

R.T.: 7.641 min
Delta R.T.: 0.004 min
Response: 79700537
Conc: 565.82 ng/ml



#30 AR-1254-5

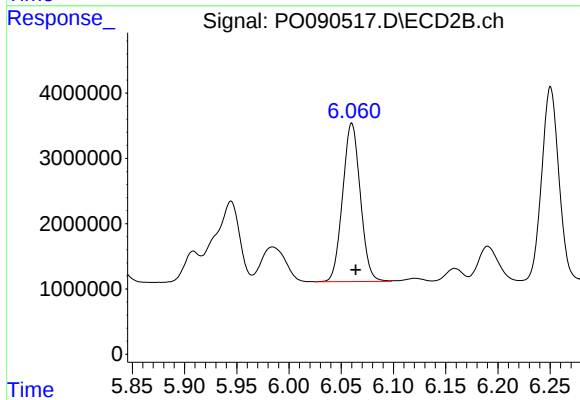
R.T.: 6.578 min
Delta R.T.: -0.001 min
Response: 39334640
Conc: 525.33 ng/ml



#31 AR-1260-1

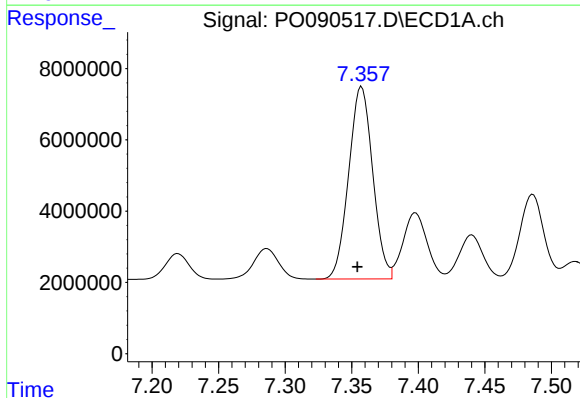
R.T.: 7.097 min
Delta R.T.: 0.002 min
Response: 59696851
Conc: 425.84 ng/ml

Instrument :
ECD_O
ClientSampleId :



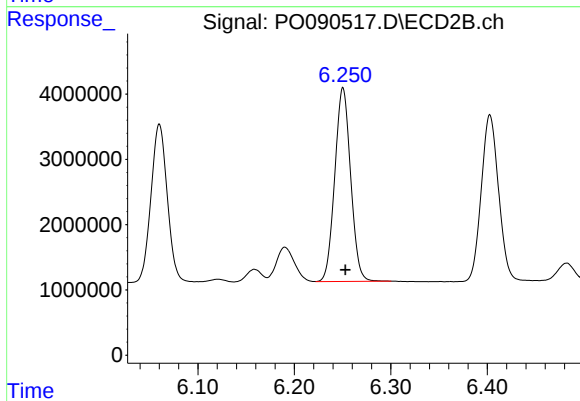
#31 AR-1260-1

R.T.: 6.060 min
Delta R.T.: -0.004 min
Response: 28622074
Conc: 475.44 ng/ml



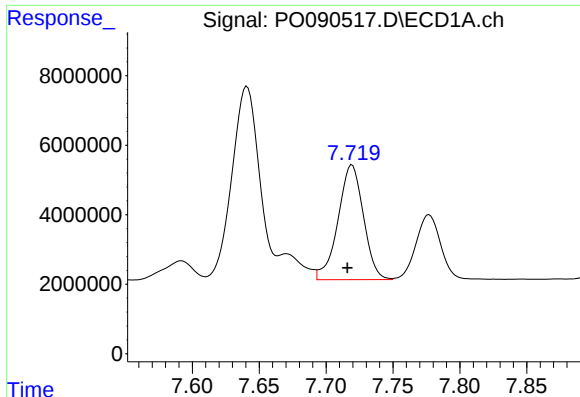
#32 AR-1260-2

R.T.: 7.357 min
Delta R.T.: 0.003 min
Response: 67804239
Conc: 419.11 ng/ml



#32 AR-1260-2

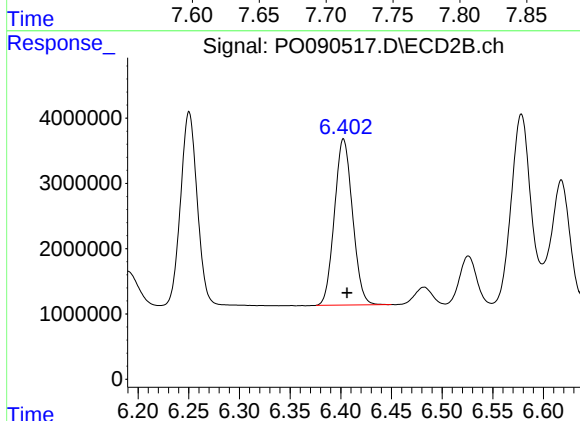
R.T.: 6.250 min
Delta R.T.: -0.003 min
Response: 33871604
Conc: 468.86 ng/ml



#33 AR-1260-3

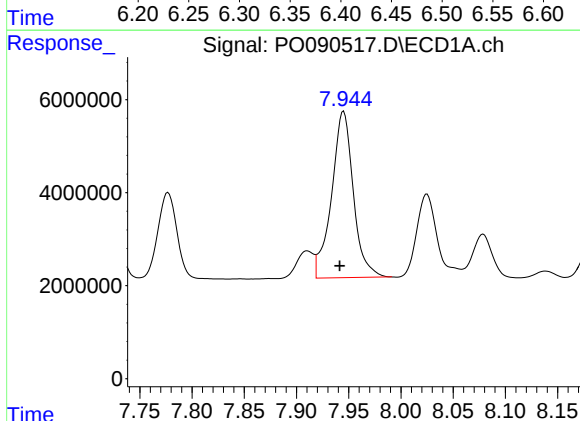
R.T.: 7.719 min
Delta R.T.: 0.003 min
Response: 43807432
Conc: 416.99 ng/ml

Instrument :
ECD_O
ClientSampleId :



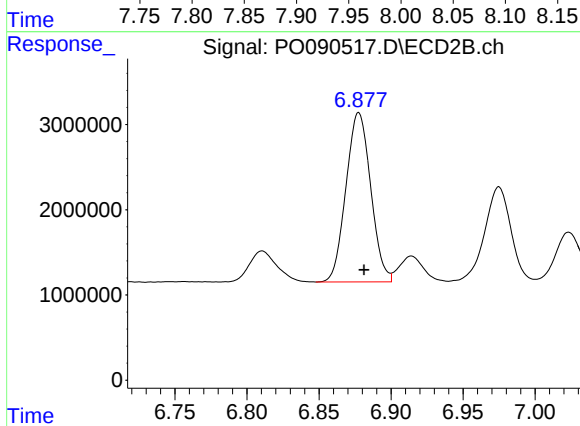
#33 AR-1260-3

R.T.: 6.403 min
Delta R.T.: -0.003 min
Response: 31663715
Conc: 475.19 ng/ml



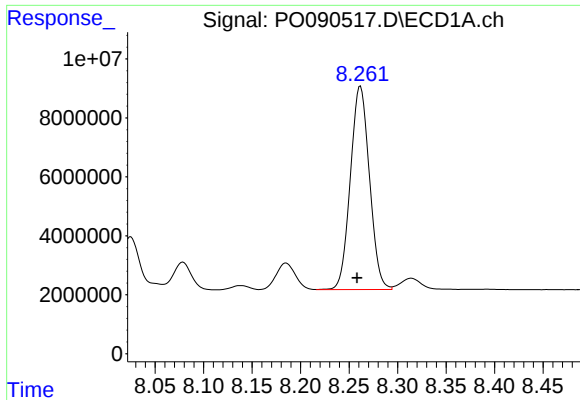
#34 AR-1260-4

R.T.: 7.945 min
Delta R.T.: 0.004 min
Response: 51840267
Conc: 419.62 ng/ml



#34 AR-1260-4

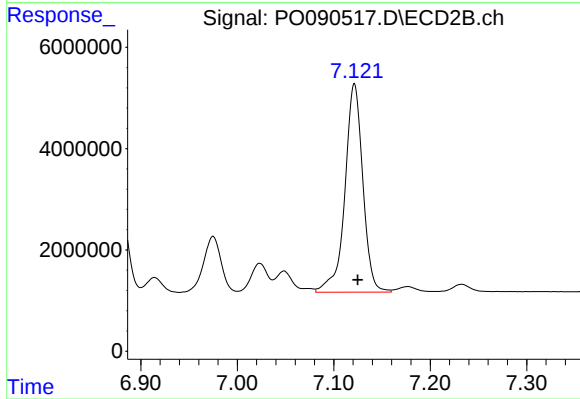
R.T.: 6.878 min
Delta R.T.: -0.004 min
Response: 23768101
Conc: 467.19 ng/ml



#35 AR-1260-5

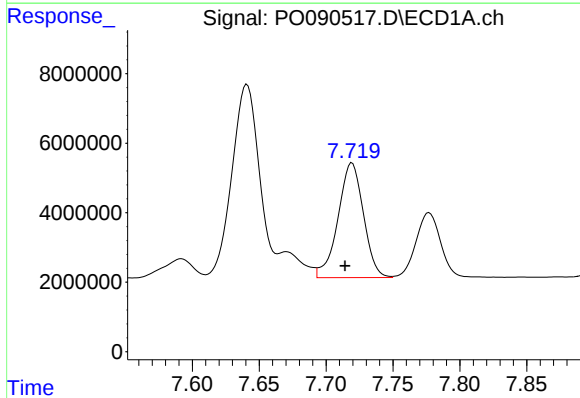
R.T.: 8.262 min
Delta R.T.: 0.004 min
Response: 94622597
Conc: 415.82 ng/ml

Instrument :
ECD_O
ClientSampleId :



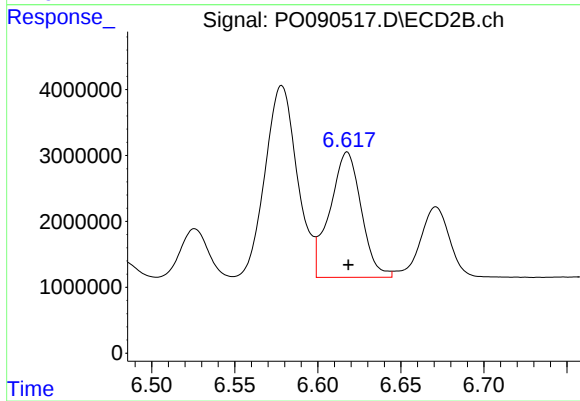
#35 AR-1260-5

R.T.: 7.121 min
Delta R.T.: -0.003 min
Response: 53350467
Conc: 459.32 ng/ml



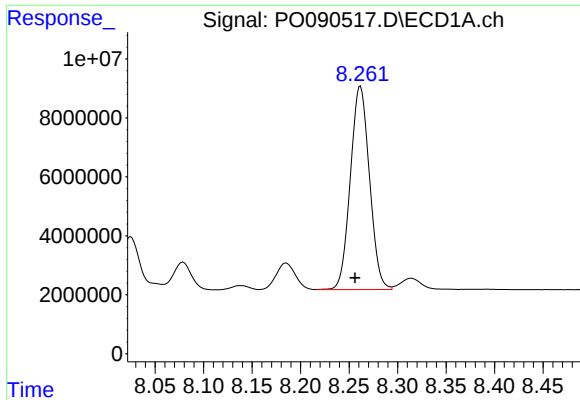
#36 AR-1262-1

R.T.: 7.719 min
Delta R.T.: 0.005 min
Response: 43807432
Conc: 264.27 ng/ml



#36 AR-1262-1

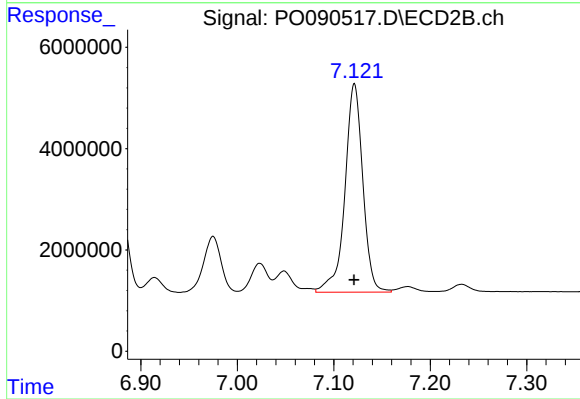
R.T.: 6.618 min
Delta R.T.: 0.000 min
Response: 25020188
Conc: 330.20 ng/ml



#37 AR-1262-2

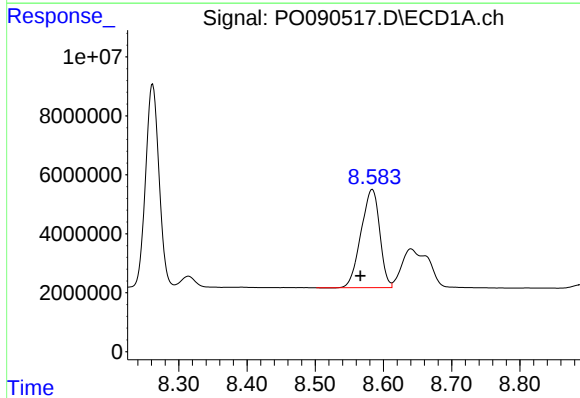
R.T.: 8.262 min
Delta R.T.: 0.006 min
Response: 94622597
Conc: 336.78 ng/ml

Instrument :
ECD_O
ClientSampleId :



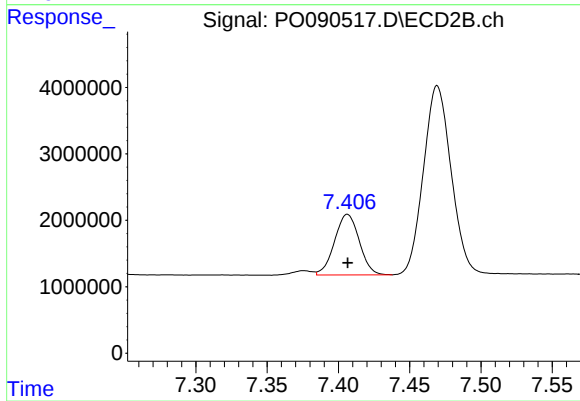
#37 AR-1262-2

R.T.: 7.121 min
Delta R.T.: 0.000 min
Response: 53350467
Conc: 416.05 ng/ml



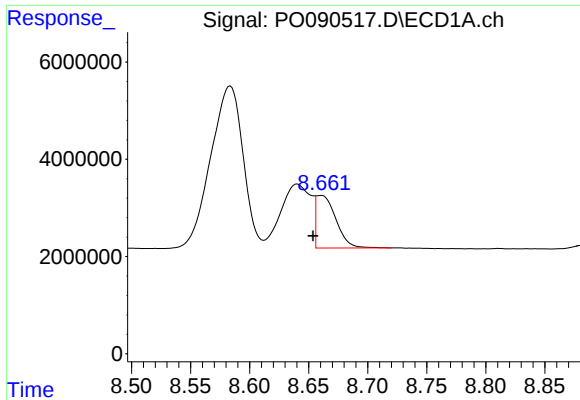
#38 AR-1262-3

R.T.: 8.584 min
Delta R.T.: 0.017 min
Response: 63532664
Conc: 323.57 ng/ml



#38 AR-1262-3

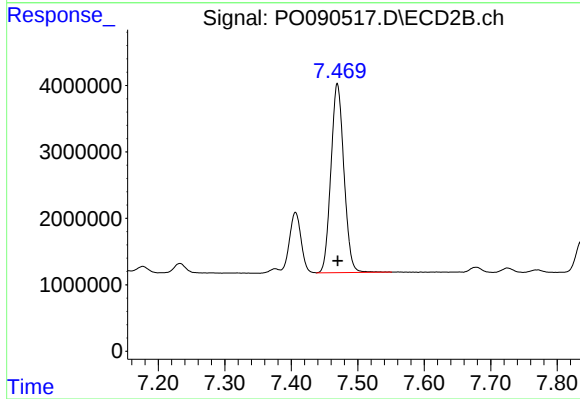
R.T.: 7.406 min
Delta R.T.: 0.000 min
Response: 10995408
Conc: 201.90 ng/ml



#39 AR-1262-4

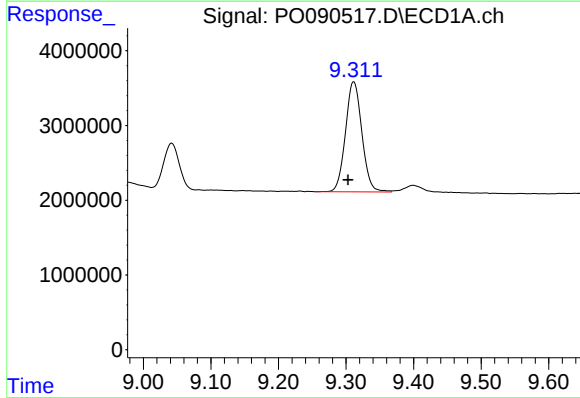
R.T.: 8.661 min
Delta R.T.: 0.007 min
Response: 12764159
Conc: 131.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



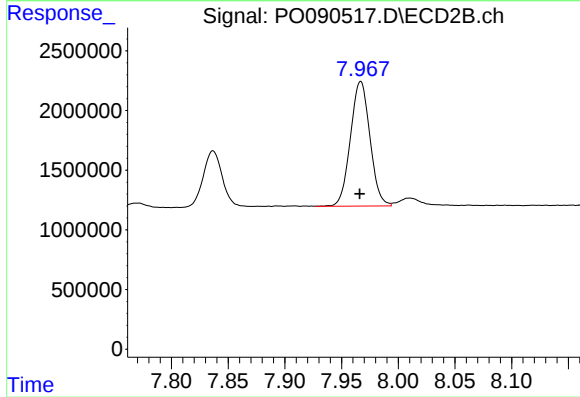
#39 AR-1262-4

R.T.: 7.469 min
Delta R.T.: 0.000 min
Response: 38633374
Conc: 397.79 ng/ml



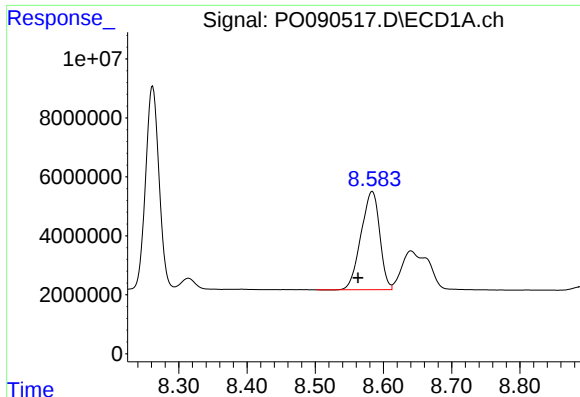
#40 AR-1262-5

R.T.: 9.311 min
Delta R.T.: 0.008 min
Response: 24788182
Conc: 235.25 ng/ml



#40 AR-1262-5

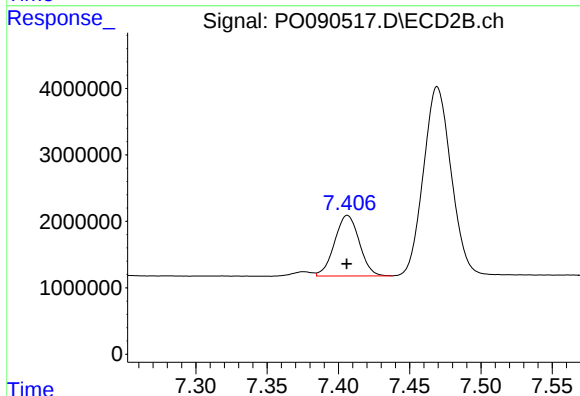
R.T.: 7.967 min
Delta R.T.: 0.000 min
Response: 12503204
Conc: 263.44 ng/ml



#41 AR-1268-1

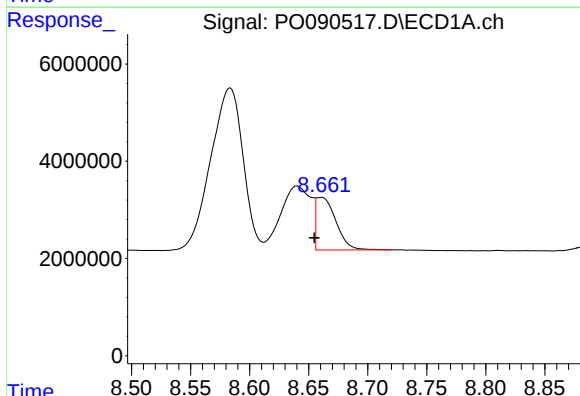
R.T.: 8.584 min
Delta R.T.: 0.021 min
Response: 63532664
Conc: 182.23 ng/ml

Instrument :
ECD_O
ClientSampleId :



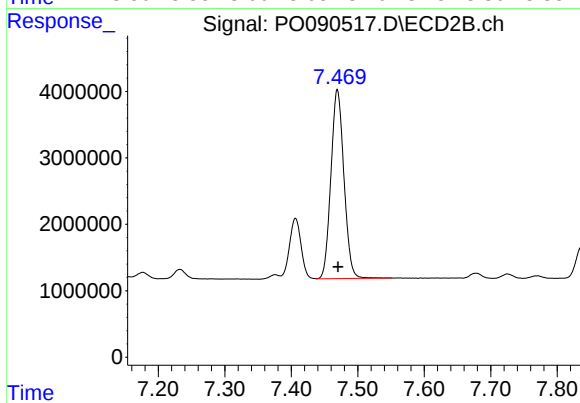
#41 AR-1268-1

R.T.: 7.406 min
Delta R.T.: 0.000 min
Response: 10995408
Conc: 69.79 ng/ml



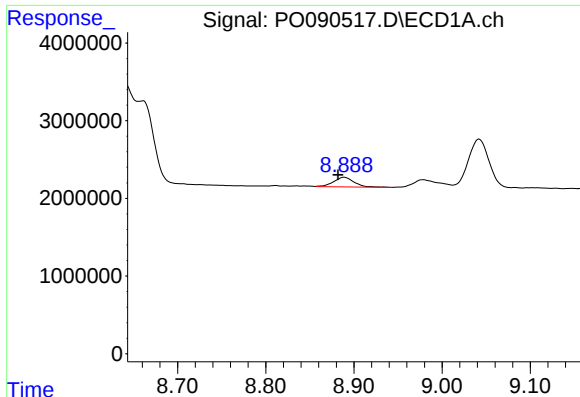
#42 AR-1268-2

R.T.: 8.661 min
Delta R.T.: 0.006 min
Response: 12764159
Conc: 40.92 ng/ml



#42 AR-1268-2

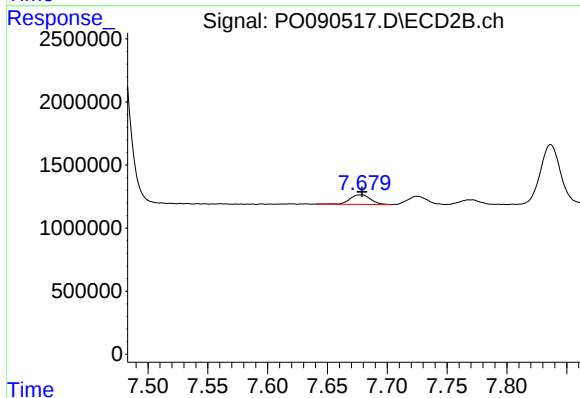
R.T.: 7.469 min
Delta R.T.: -0.001 min
Response: 38633374
Conc: 275.35 ng/ml



#43 AR-1268-3

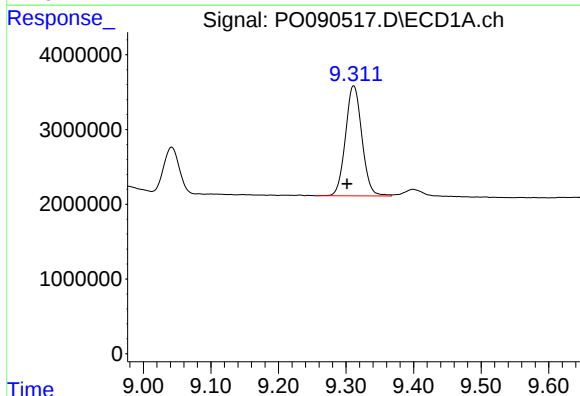
R.T.: 8.889 min
Delta R.T.: 0.007 min
Response: 2018919
Conc: 7.51 ng/ml

Instrument :
ECD_O
ClientSampleId :



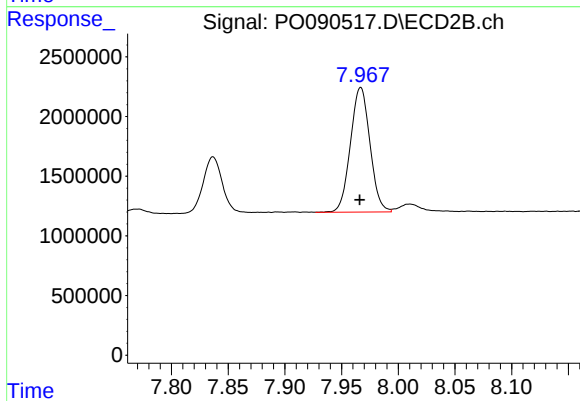
#43 AR-1268-3

R.T.: 7.679 min
Delta R.T.: 0.000 min
Response: 911863
Conc: 7.60 ng/ml



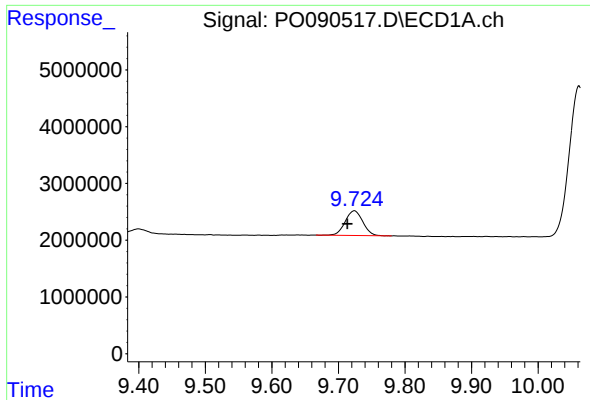
#44 AR-1268-4

R.T.: 9.311 min
Delta R.T.: 0.010 min
Response: 24788182
Conc: 212.74 ng/ml



#44 AR-1268-4

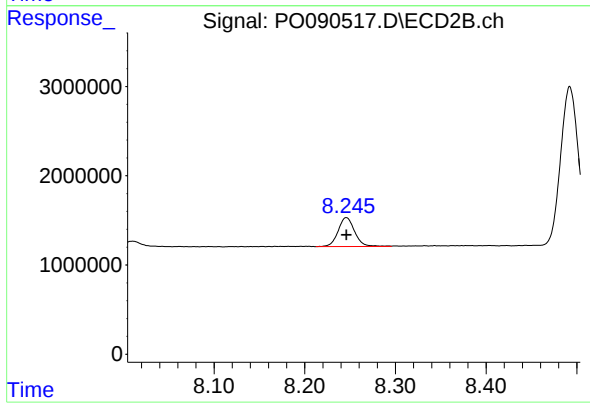
R.T.: 7.967 min
Delta R.T.: 0.000 min
Response: 12503204
Conc: 230.22 ng/ml



#45 AR-1268-5

R.T.: 9.724 min
Delta R.T.: 0.011 min
Response: 8063770
Conc: 9.40 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.246 min
Delta R.T.: 0.000 min
Response: 4125120
Conc: 11.78 ng/ml