

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO112423\
 Data File : PO100064.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Nov 2023 22:49
 Operator : YP/AJ
 Sample : AR1254CCC500
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 25 00:11:06 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO112123.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Nov 21 15:58:40 2023
 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...	4.478	3.703	100.7E6	89268432	59.002	59.516
2)	SA Decachlor...	10.358	8.800	43687881	63720026	60.147	56.944
Target Compounds							
3)	L1 AR-1016-1	5.665	4.809	1041772	735355	24.212	23.288
4)	L1 AR-1016-2	5.694	4.829	1181176	458853	18.244	10.612 #
5)	L1 AR-1016-3	5.751	5.009	585724	288955	13.438	12.460
6)	L1 AR-1016-4	5.851	5.050	486769	12988916	14.746	633.569 #
7)	L1 AR-1016-5	6.150	5.266	9636496	7554882	306.910	296.244
8)	L2 AR-1221-1	4.667	3.933	106532	553173	5.168	29.099 #
9)	L2 AR-1221-2	4.790	4.009	1587840	1435728	105.126	110.175
10)	L2 AR-1221-3	4.856	4.085	188822	296697	4.208	8.260 #
11)	L3 AR-1232-1	4.856	4.085	188822	296697	5.292	10.110 #
12)	L3 AR-1232-2	5.393	4.829	413393	458853	23.752	23.138
13)	L3 AR-1232-3	5.694	5.009	1181176	288955	41.683	27.883 #
14)	L3 AR-1232-4	5.851	5.092	486769	4002270	35.040	402.649 #
15)	L3 AR-1232-5	5.943	5.266	17769266	7554882	1447.925	699.515 #
16)	L4 AR-1242-1	5.665	4.809	1041772	735355	30.072	27.980
17)	L4 AR-1242-2	5.694	4.829	1181176	458853	22.509	13.050 #
18)	L4 AR-1242-3	5.751	5.009	585724	288955	16.829	15.089
19)	L4 AR-1242-4	5.851	5.092	486769	4002270	18.515	198.702 #
20)	L4 AR-1242-5	6.602	5.624	8476916	31268307	379.129	1338.208 #
21)	L5 AR-1248-1	5.665	4.809	1041772	735355	40.297	36.783
22)	L5 AR-1248-2	5.943	5.050	17769266	12988916	434.490	464.209
23)	L5 AR-1248-3	6.150	5.092	9636496	4002270	224.978	138.593 #
24)	L5 AR-1248-4	6.559	5.266	12404596	7554882	329.110	230.405 #
25)	L5 AR-1248-5	6.602	5.665	8476916	3542777	229.522	118.600 #
26)	L6 AR-1254-1	6.533	5.624	28721181	31268307	596.457	603.203
27)	L6 AR-1254-2	6.754	5.772	42170367	28408305	614.904	610.043
28)	L6 AR-1254-3	7.124	6.181	40831508	48976090	640.922	627.973
29)	L6 AR-1254-4	7.413	6.411	26445240	28594460	699.538	670.024
30)	L6 AR-1254-5	7.836	6.834	29327326	47069608	685.181	650.465
31)	L7 AR-1260-1	7.290	6.313	17445056	24649430	327.641	426.577 #
32)	L7 AR-1260-2	7.550	6.502	17696901	20281247	334.552	305.364
33)	L7 AR-1260-3	7.897	6.657	4127065	21225186	115.701	331.708 #
34)	L7 AR-1260-4	8.129	7.134	10791490	2421450	260.739	48.019 #
35)	L7 AR-1260-5	8.472	7.375	3808750	5602205	57.017	49.974
36)	L8 AR-1262-1	7.836	6.834	29327326	47069608	810.779	1231.507 #
37)	L8 AR-1262-2	8.472	7.134	3808750	2421450	44.859	32.102 #
38)	L8 AR-1262-3	8.810	7.659	2729277	213432	45.309	3.664 #
39)	L8 AR-1262-4	8.886	7.724	136453	5221164	2.830	50.798 #
40)	L8 AR-1262-5	9.570	8.229	195340	302323	7.482	6.938
41)	L9 AR-1268-1	8.810	7.659	2729277	213432	24.726	1.285 #

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Acq On : 24 Nov 2023 22:49
Operator : YP/AJ
Sample : AR1254CCC500
Misc :
ALS Vial : 6 Sample Multiplier: 1

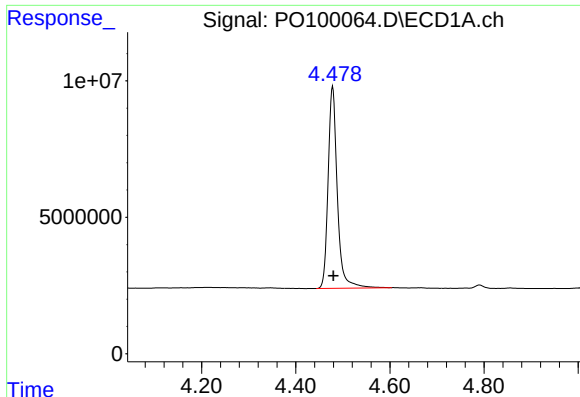
Instrument :
ECD_O
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 25 00:11:06 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO112123.M
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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	8.886	7.724	136453	5221164	1.417	34.205 #
43)	L9 AR-1268-3	9.126	7.940	71925	544523	0.798	3.800 #
44)	L9 AR-1268-4	9.570	8.229	195340	302323	6.869	6.434
45)	L9 AR-1268-5	10.002	8.531	301247	504196	1.197	1.266

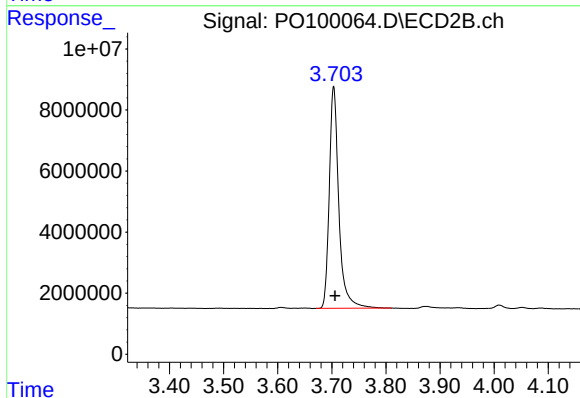
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

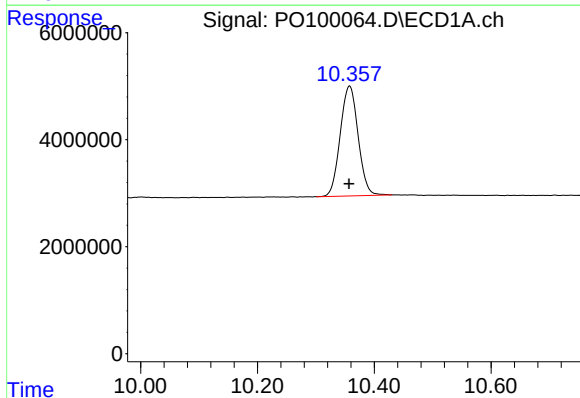
R.T.: 4.478 min
Delta R.T.: -0.002 min
Response: 100706696
Conc: 59.00 ng/ml

Instrument :
ECD_O
ClientSampleId :



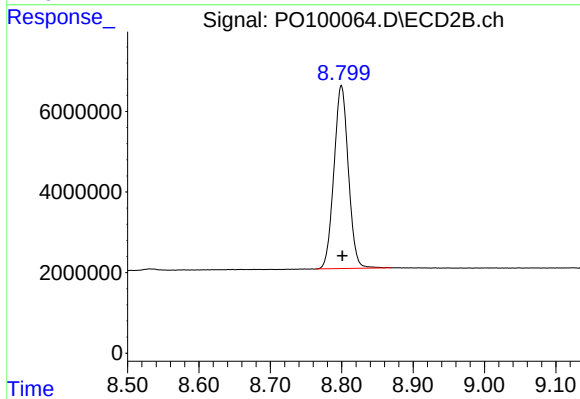
#1 Tetrachloro-m-xylene

R.T.: 3.703 min
Delta R.T.: -0.002 min
Response: 89268432
Conc: 59.52 ng/ml



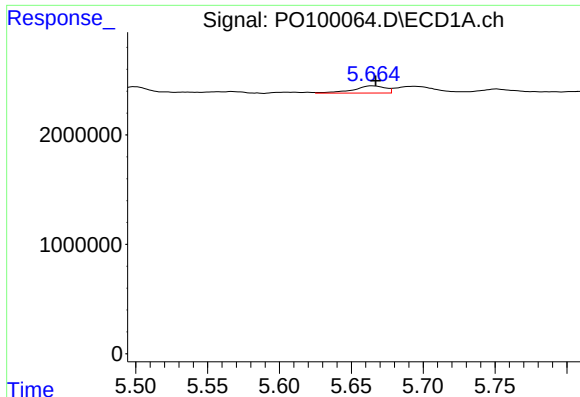
#2 Decachlorobiphenyl

R.T.: 10.358 min
Delta R.T.: 0.001 min
Response: 43687881
Conc: 60.15 ng/ml



#2 Decachlorobiphenyl

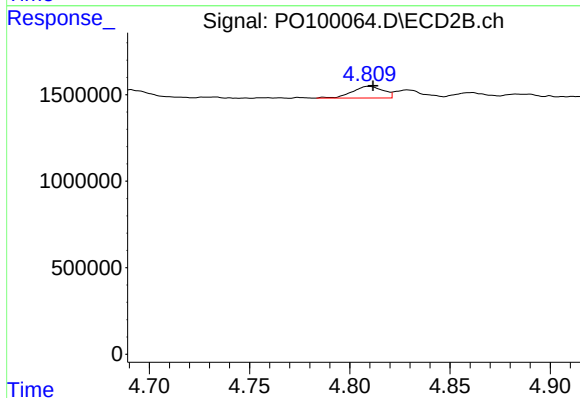
R.T.: 8.800 min
Delta R.T.: -0.001 min
Response: 63720026
Conc: 56.94 ng/ml



#3 AR-1016-1

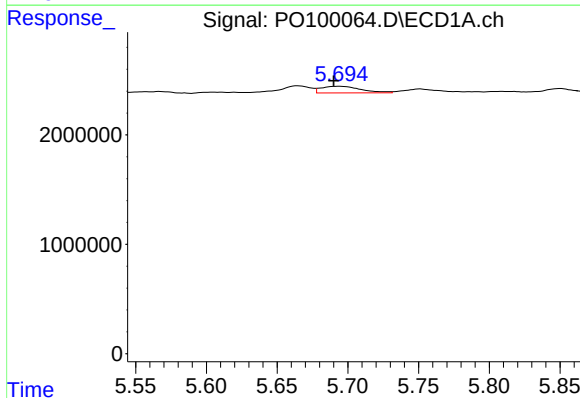
R.T.: 5.665 min
Delta R.T.: -0.002 min
Response: 1041772
Conc: 24.21 ng/ml

Instrument :
ECD_O
ClientSampleId :



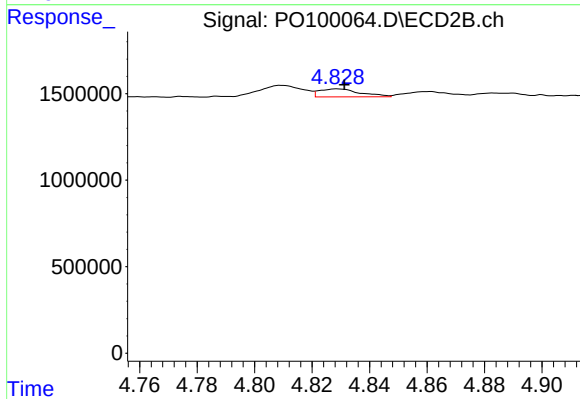
#3 AR-1016-1

R.T.: 4.809 min
Delta R.T.: -0.002 min
Response: 735355
Conc: 23.29 ng/ml



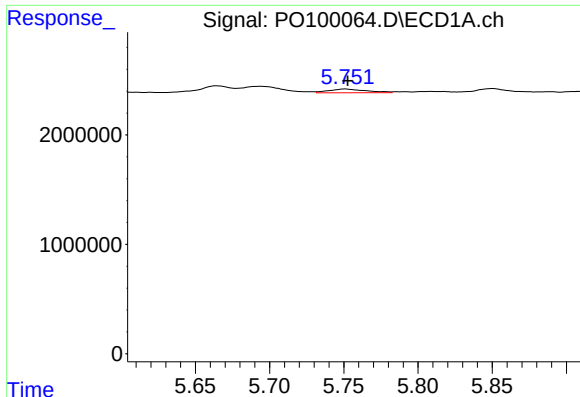
#4 AR-1016-2

R.T.: 5.694 min
Delta R.T.: 0.004 min
Response: 1181176
Conc: 18.24 ng/ml



#4 AR-1016-2

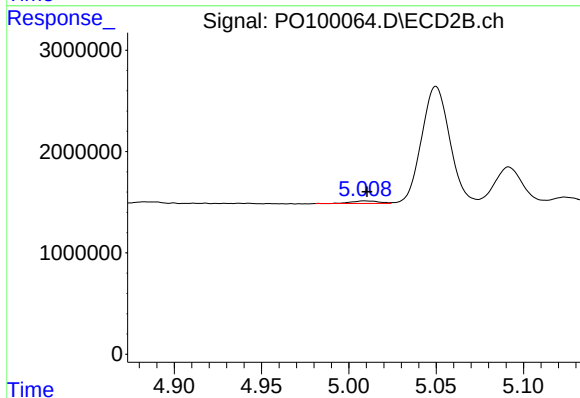
R.T.: 4.829 min
Delta R.T.: -0.002 min
Response: 458853
Conc: 10.61 ng/ml



#5 AR-1016-3

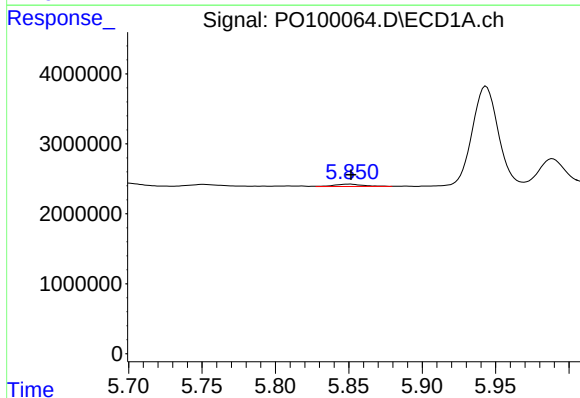
R.T.: 5.751 min
Delta R.T.: -0.001 min
Response: 585724
Conc: 13.44 ng/ml

Instrument :
ECD_O
ClientSampleId :



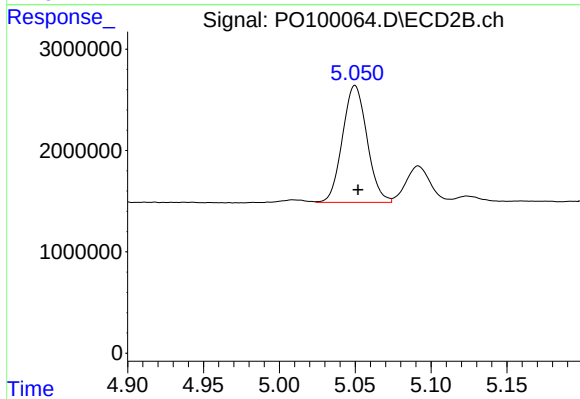
#5 AR-1016-3

R.T.: 5.009 min
Delta R.T.: -0.001 min
Response: 288955
Conc: 12.46 ng/ml



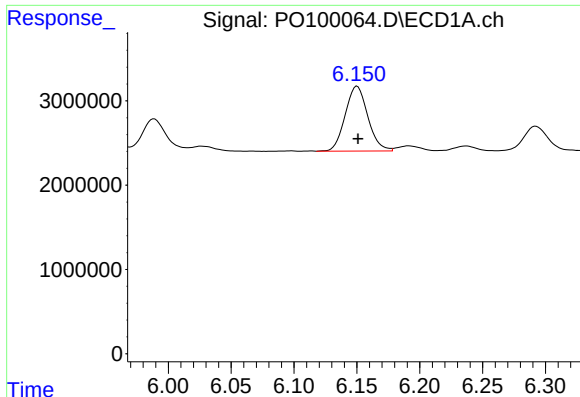
#6 AR-1016-4

R.T.: 5.851 min
Delta R.T.: 0.000 min
Response: 486769
Conc: 14.75 ng/ml



#6 AR-1016-4

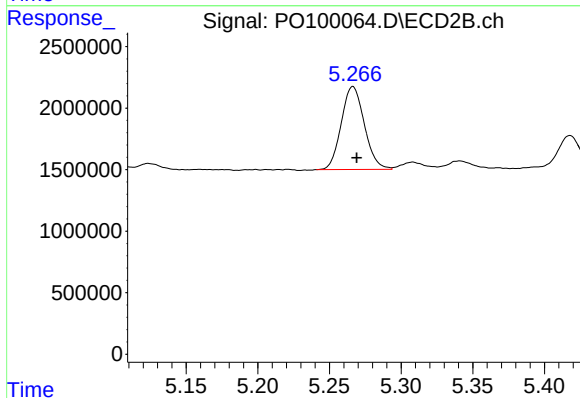
R.T.: 5.050 min
Delta R.T.: -0.002 min
Response: 12988916
Conc: 633.57 ng/ml



#7 AR-1016-5

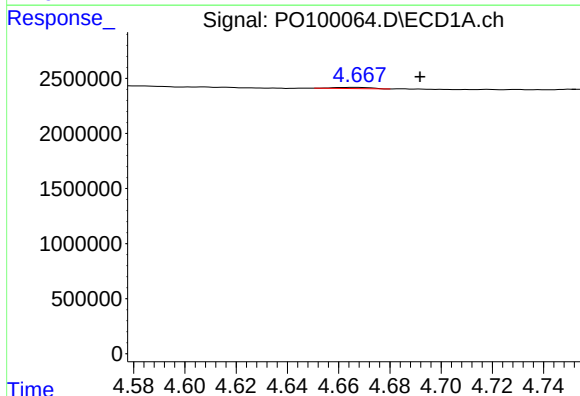
R.T.: 6.150 min
Delta R.T.: 0.000 min
Response: 9636496
Conc: 306.91 ng/ml

Instrument :
ECD_O
ClientSampleId :



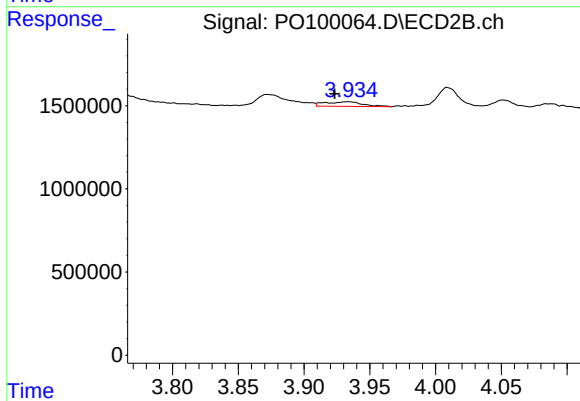
#7 AR-1016-5

R.T.: 5.266 min
Delta R.T.: -0.003 min
Response: 7554882
Conc: 296.24 ng/ml



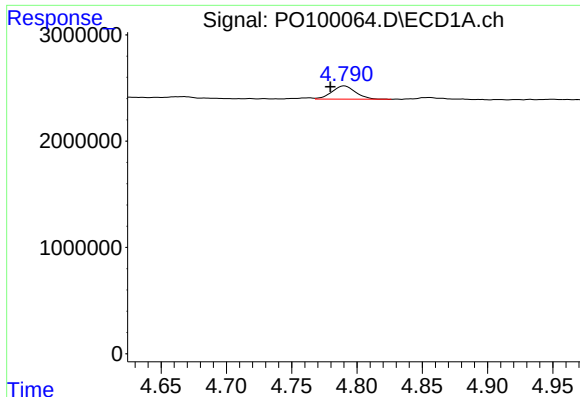
#8 AR-1221-1

R.T.: 4.667 min
Delta R.T.: -0.024 min
Response: 106532
Conc: 5.17 ng/ml



#8 AR-1221-1

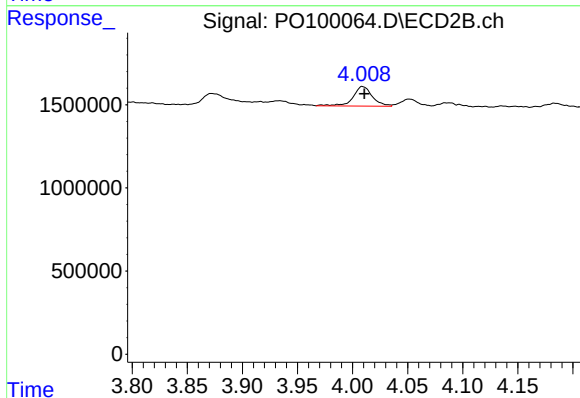
R.T.: 3.933 min
Delta R.T.: 0.010 min
Response: 553173
Conc: 29.10 ng/ml



#9 AR-1221-2

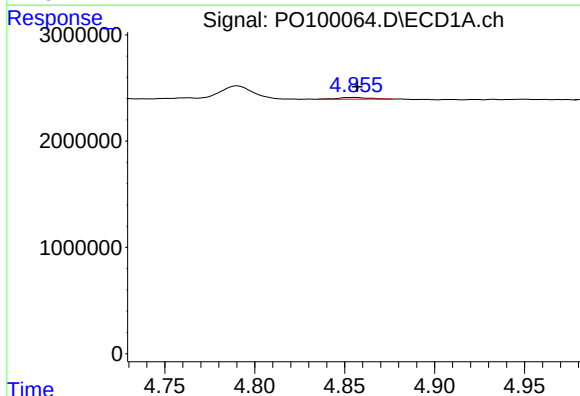
R.T.: 4.790 min
Delta R.T.: 0.011 min
Response: 1587840
Conc: 105.13 ng/ml

Instrument :
ECD_O
ClientSampleId :



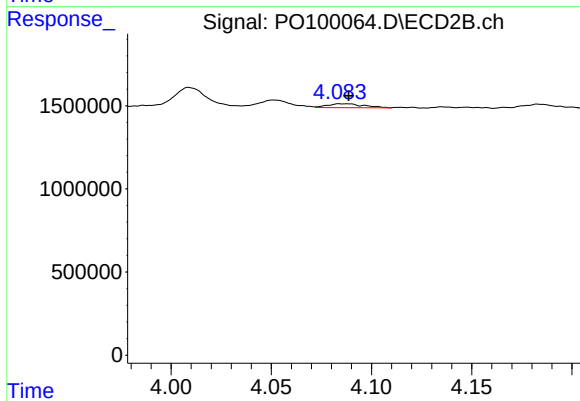
#9 AR-1221-2

R.T.: 4.009 min
Delta R.T.: -0.001 min
Response: 1435728
Conc: 110.17 ng/ml



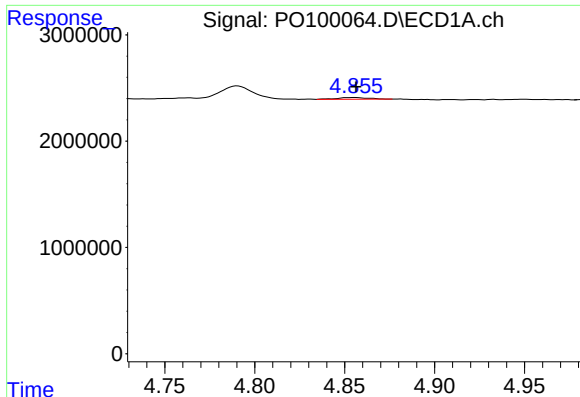
#10 AR-1221-3

R.T.: 4.856 min
Delta R.T.: -0.002 min
Response: 188822
Conc: 4.21 ng/ml



#10 AR-1221-3

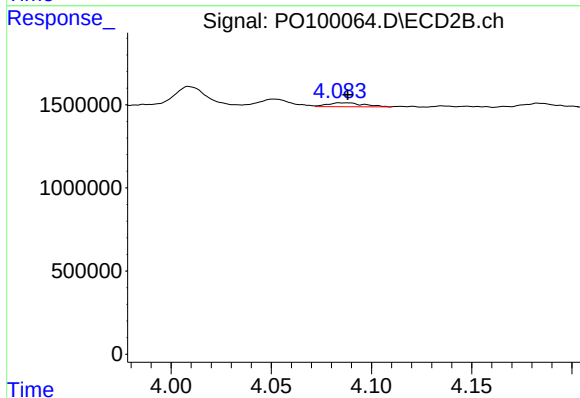
R.T.: 4.085 min
Delta R.T.: -0.004 min
Response: 296697
Conc: 8.26 ng/ml



#11 AR-1232-1

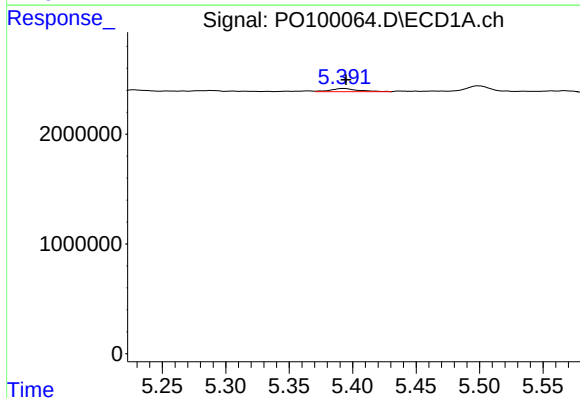
R.T.: 4.856 min
Delta R.T.: 0.000 min
Response: 188822
Conc: 5.29 ng/ml

Instrument :
ECD_O
ClientSampleId :



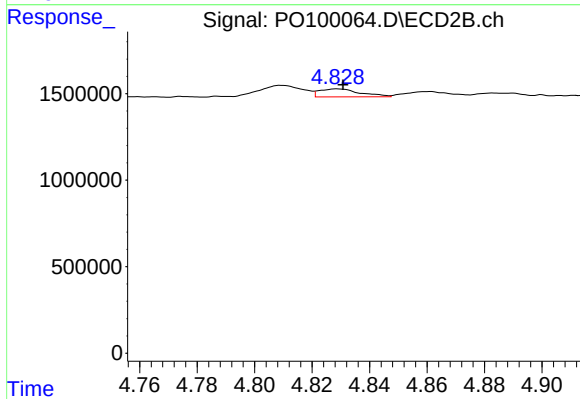
#11 AR-1232-1

R.T.: 4.085 min
Delta R.T.: -0.003 min
Response: 296697
Conc: 10.11 ng/ml



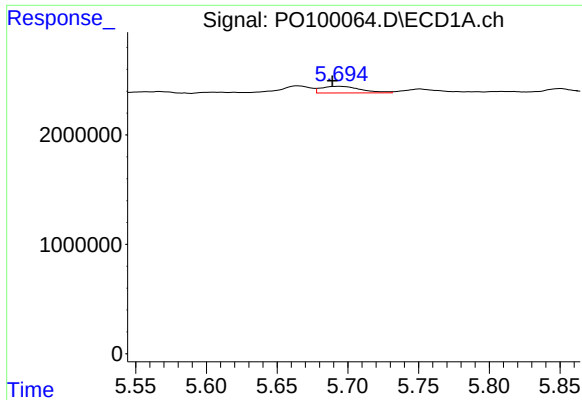
#12 AR-1232-2

R.T.: 5.393 min
Delta R.T.: -0.002 min
Response: 413393
Conc: 23.75 ng/ml



#12 AR-1232-2

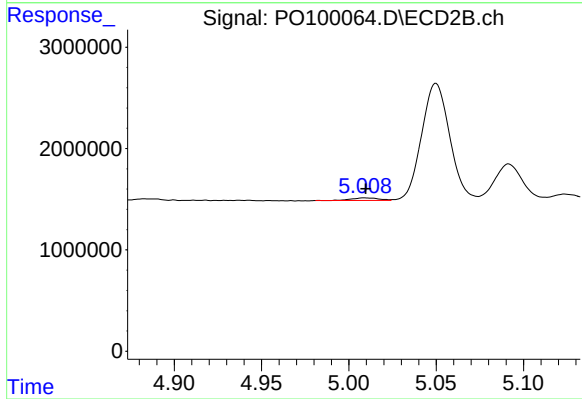
R.T.: 4.829 min
Delta R.T.: -0.002 min
Response: 458853
Conc: 23.14 ng/ml



#13 AR-1232-3

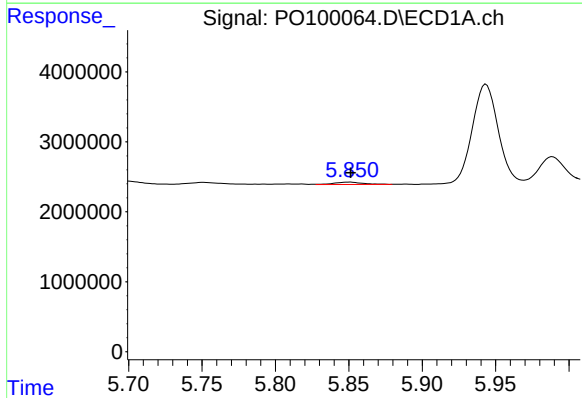
R.T.: 5.694 min
Delta R.T.: 0.005 min
Response: 1181176
Conc: 41.68 ng/ml

Instrument :
ECD_O
ClientSampleId :



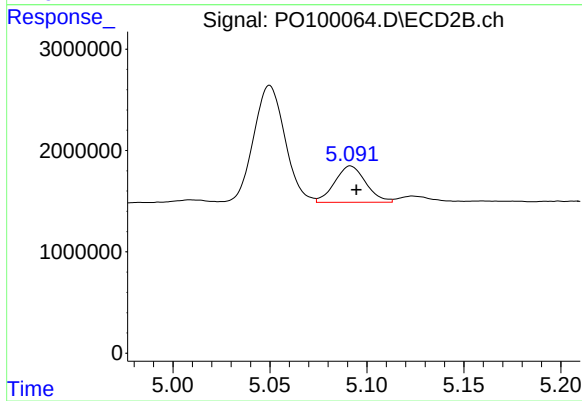
#13 AR-1232-3

R.T.: 5.009 min
Delta R.T.: 0.000 min
Response: 288955
Conc: 27.88 ng/ml



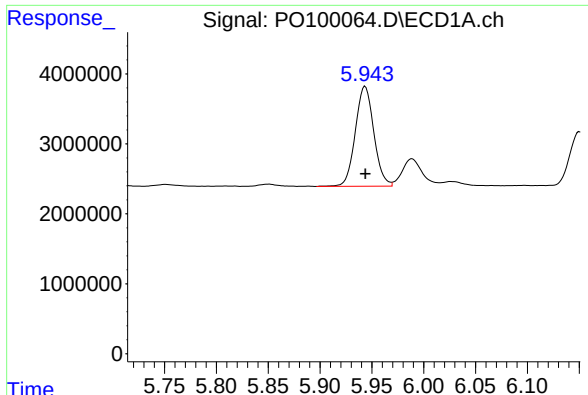
#14 AR-1232-4

R.T.: 5.851 min
Delta R.T.: 0.000 min
Response: 486769
Conc: 35.04 ng/ml



#14 AR-1232-4

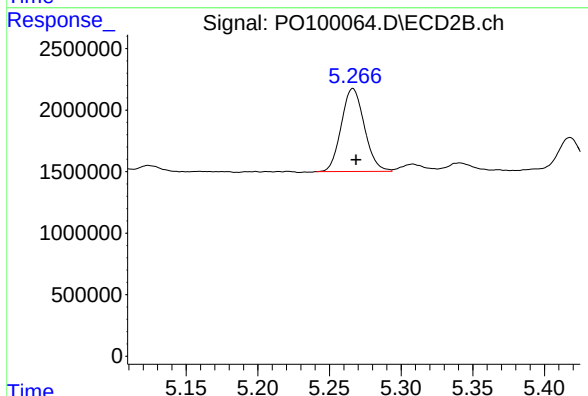
R.T.: 5.092 min
Delta R.T.: -0.003 min
Response: 4002270
Conc: 402.65 ng/ml



#15 AR-1232-5

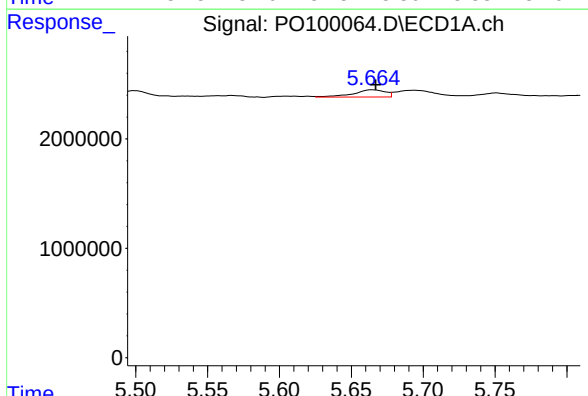
R.T.: 5.943 min
Delta R.T.: 0.000 min
Response: 17769266
Conc: 1447.92 ng/ml

Instrument :
ECD_O
ClientSampleId :



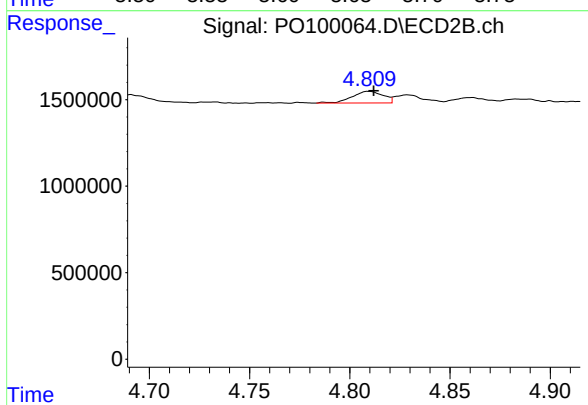
#15 AR-1232-5

R.T.: 5.266 min
Delta R.T.: -0.002 min
Response: 7554882
Conc: 699.52 ng/ml



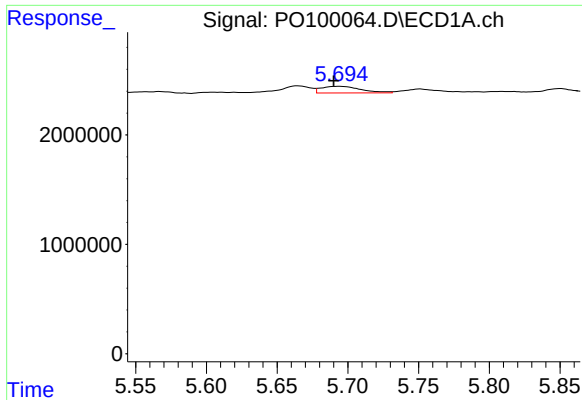
#16 AR-1242-1

R.T.: 5.665 min
Delta R.T.: -0.002 min
Response: 1041772
Conc: 30.07 ng/ml



#16 AR-1242-1

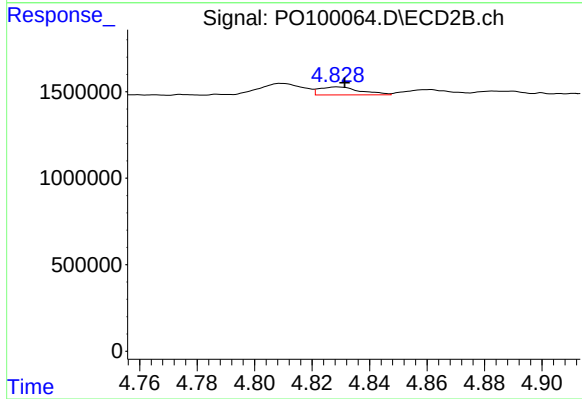
R.T.: 4.809 min
Delta R.T.: -0.002 min
Response: 735355
Conc: 27.98 ng/ml



#17 AR-1242-2

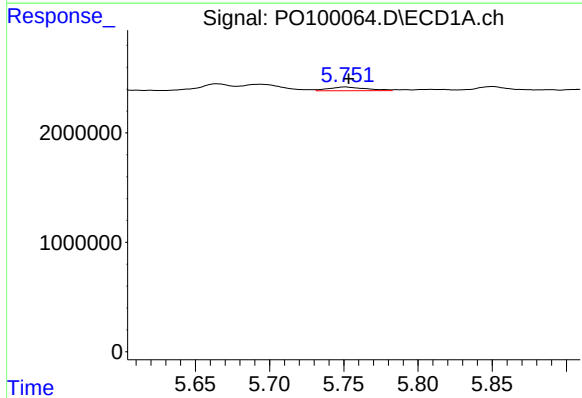
R.T.: 5.694 min
Delta R.T.: 0.004 min
Response: 1181176
Conc: 22.51 ng/ml

Instrument :
ECD_O
ClientSampleId :



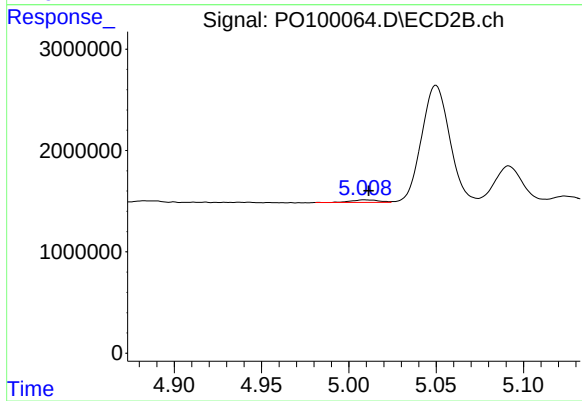
#17 AR-1242-2

R.T.: 4.829 min
Delta R.T.: -0.002 min
Response: 458853
Conc: 13.05 ng/ml



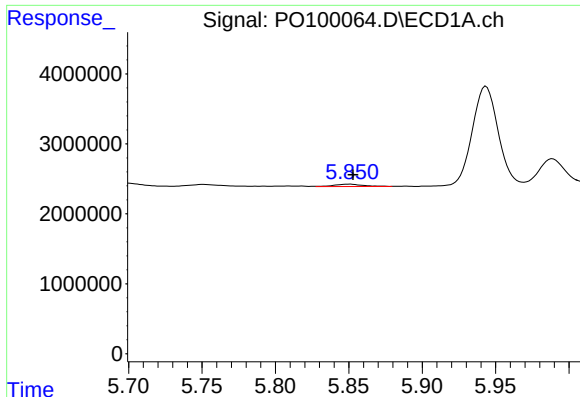
#18 AR-1242-3

R.T.: 5.751 min
Delta R.T.: -0.002 min
Response: 585724
Conc: 16.83 ng/ml



#18 AR-1242-3

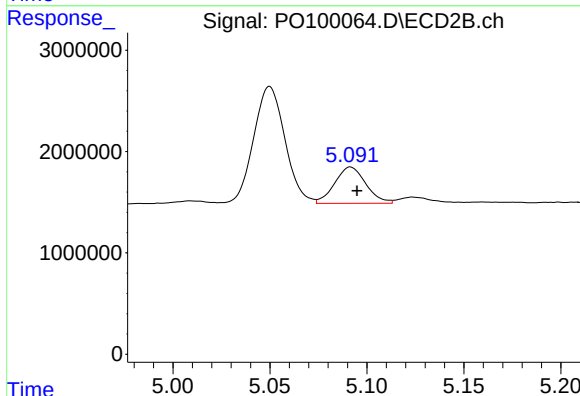
R.T.: 5.009 min
Delta R.T.: -0.002 min
Response: 288955
Conc: 15.09 ng/ml



#19 AR-1242-4

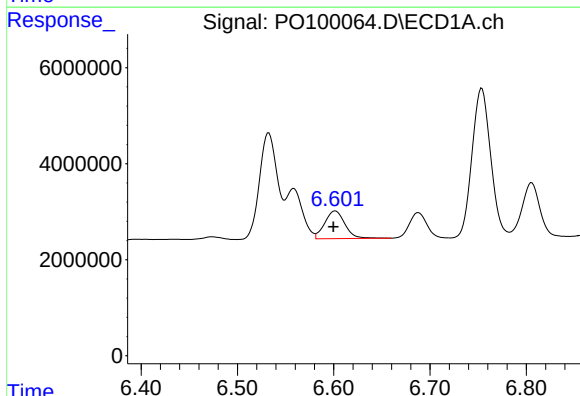
R.T.: 5.851 min
Delta R.T.: -0.002 min
Response: 486769
Conc: 18.52 ng/ml

Instrument :
ECD_O
ClientSampleId :



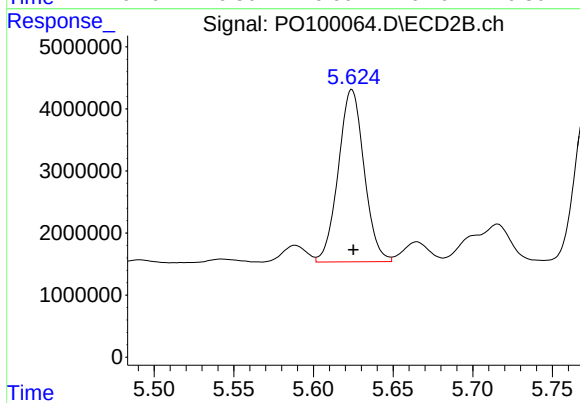
#19 AR-1242-4

R.T.: 5.092 min
Delta R.T.: -0.003 min
Response: 4002270
Conc: 198.70 ng/ml



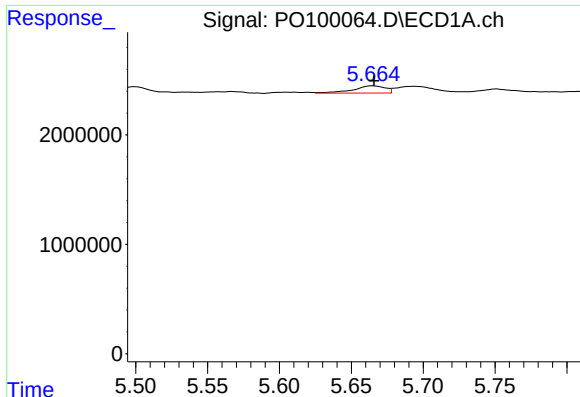
#20 AR-1242-5

R.T.: 6.602 min
Delta R.T.: 0.002 min
Response: 8476916
Conc: 379.13 ng/ml



#20 AR-1242-5

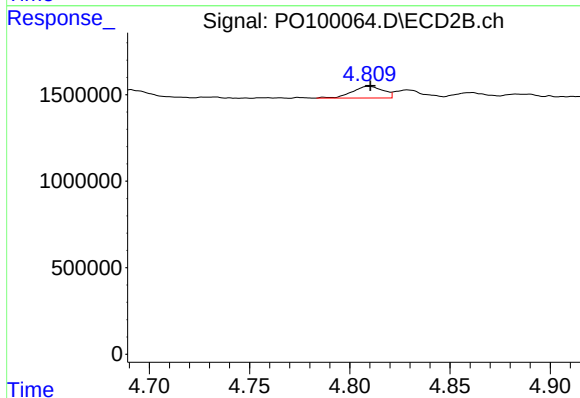
R.T.: 5.624 min
Delta R.T.: -0.001 min
Response: 31268307
Conc: 1338.21 ng/ml



#21 AR-1248-1

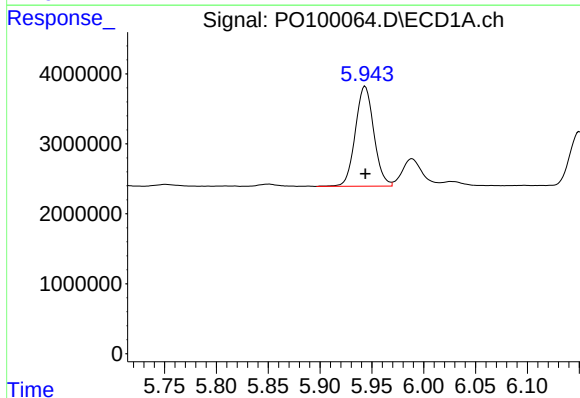
R.T.: 5.665 min
Delta R.T.: -0.001 min
Response: 1041772
Conc: 40.30 ng/ml

Instrument :
ECD_O
ClientSampleId :



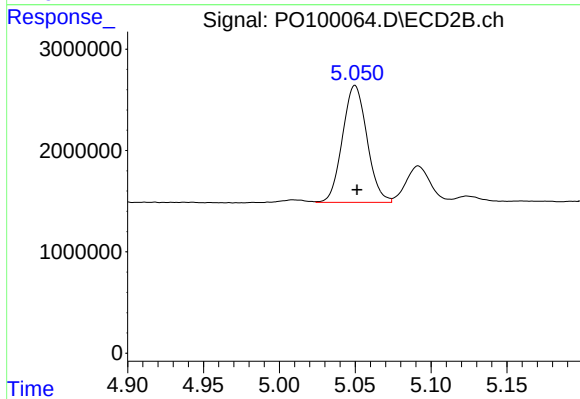
#21 AR-1248-1

R.T.: 4.809 min
Delta R.T.: 0.000 min
Response: 735355
Conc: 36.78 ng/ml



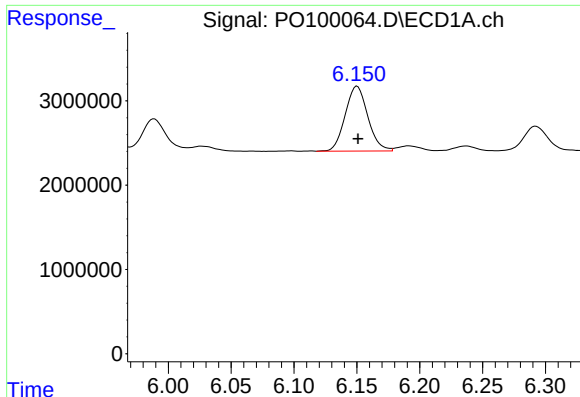
#22 AR-1248-2

R.T.: 5.943 min
Delta R.T.: 0.000 min
Response: 17769266
Conc: 434.49 ng/ml



#22 AR-1248-2

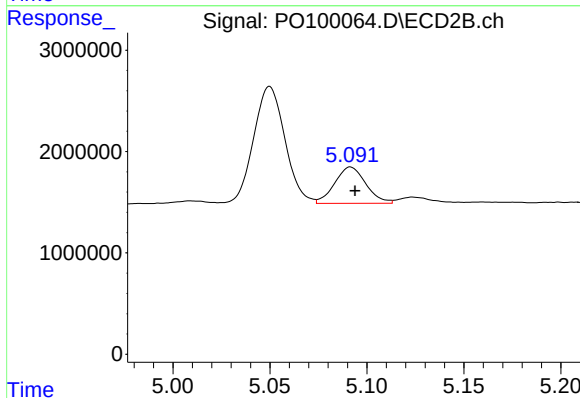
R.T.: 5.050 min
Delta R.T.: -0.001 min
Response: 12988916
Conc: 464.21 ng/ml



#23 AR-1248-3

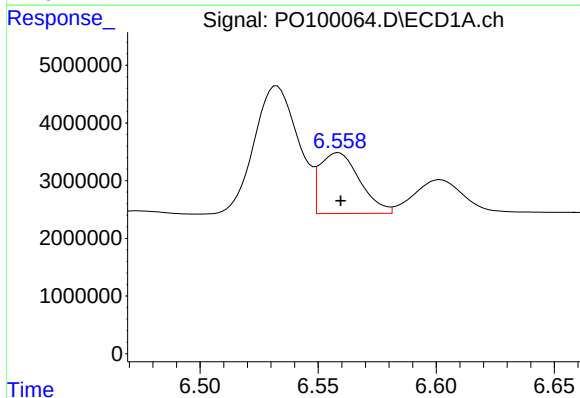
R.T.: 6.150 min
Delta R.T.: 0.000 min
Response: 9636496
Conc: 224.98 ng/ml

Instrument :
ECD_O
ClientSampleId :



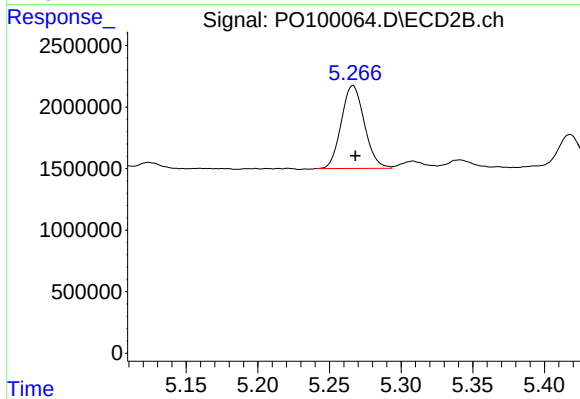
#23 AR-1248-3

R.T.: 5.092 min
Delta R.T.: -0.002 min
Response: 4002270
Conc: 138.59 ng/ml



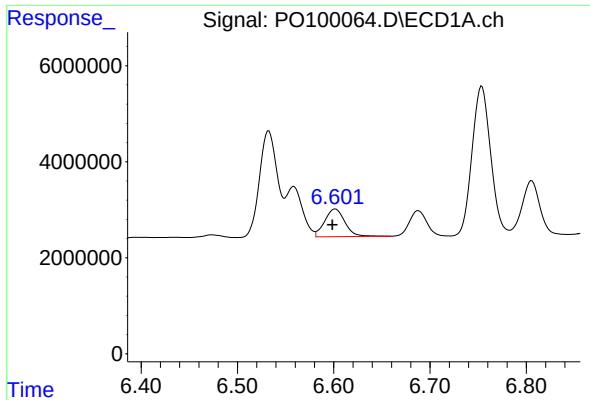
#24 AR-1248-4

R.T.: 6.559 min
Delta R.T.: 0.000 min
Response: 12404596
Conc: 329.11 ng/ml



#24 AR-1248-4

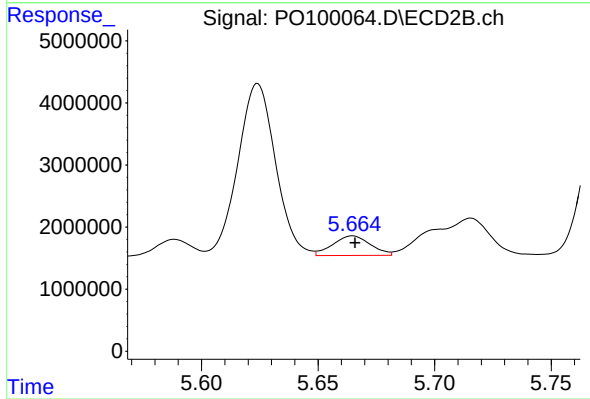
R.T.: 5.266 min
Delta R.T.: -0.002 min
Response: 7554882
Conc: 230.40 ng/ml



#25 AR-1248-5

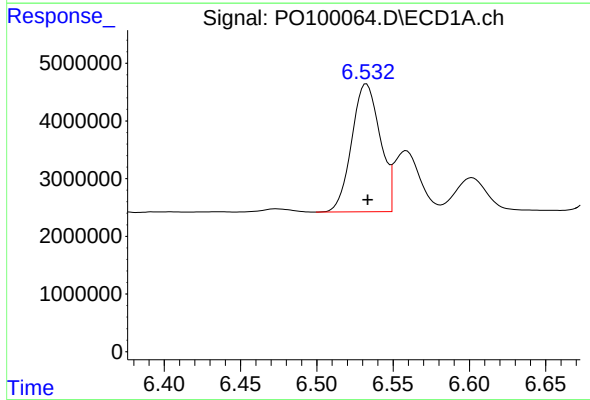
R.T.: 6.602 min
Delta R.T.: 0.003 min
Response: 8476916
Conc: 229.52 ng/ml

Instrument :
ECD_O
ClientSampleId :



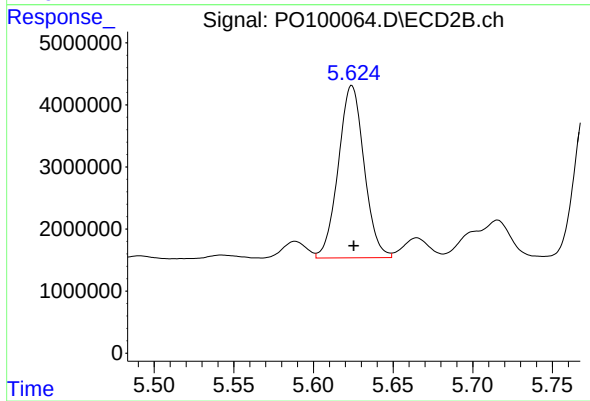
#25 AR-1248-5

R.T.: 5.665 min
Delta R.T.: -0.001 min
Response: 3542777
Conc: 118.60 ng/ml



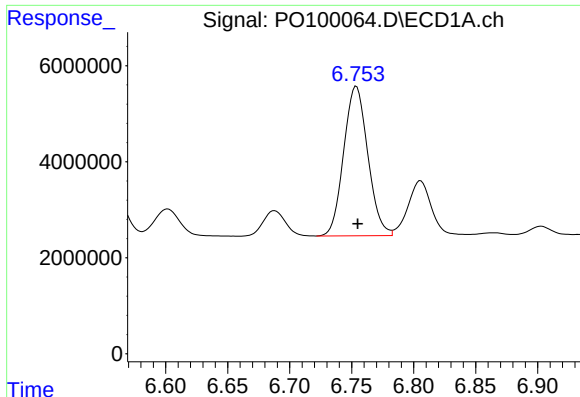
#26 AR-1254-1

R.T.: 6.533 min
Delta R.T.: 0.000 min
Response: 28721181
Conc: 596.46 ng/ml



#26 AR-1254-1

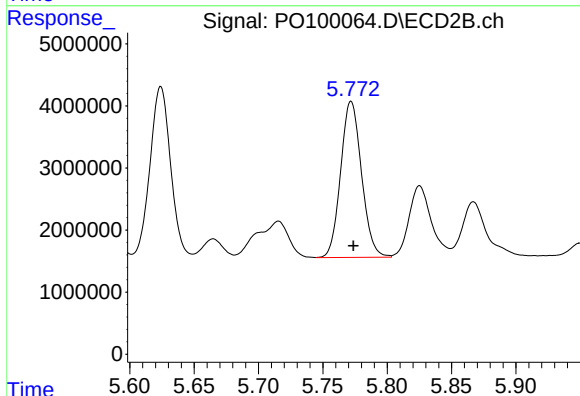
R.T.: 5.624 min
Delta R.T.: -0.001 min
Response: 31268307
Conc: 603.20 ng/ml



#27 AR-1254-2

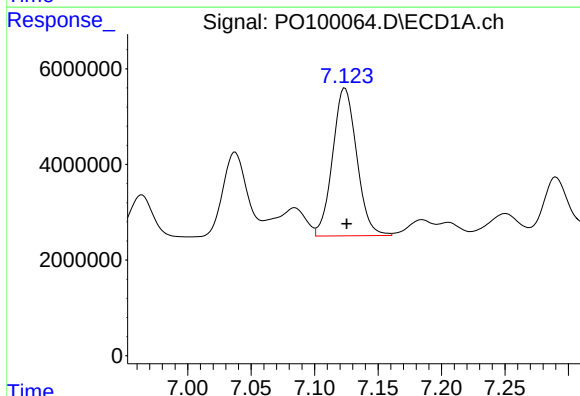
R.T.: 6.754 min
Delta R.T.: -0.001 min
Response: 42170367
Conc: 614.90 ng/ml

Instrument :
ECD_O
ClientSampleId :



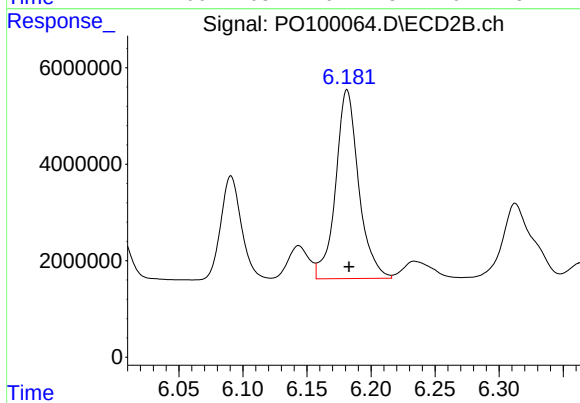
#27 AR-1254-2

R.T.: 5.772 min
Delta R.T.: -0.002 min
Response: 28408305
Conc: 610.04 ng/ml



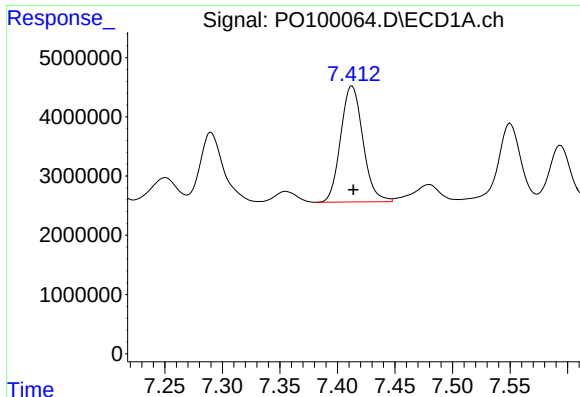
#28 AR-1254-3

R.T.: 7.124 min
Delta R.T.: -0.001 min
Response: 40831508
Conc: 640.92 ng/ml



#28 AR-1254-3

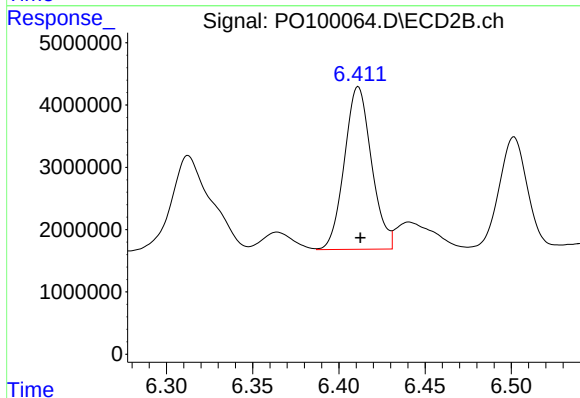
R.T.: 6.181 min
Delta R.T.: -0.002 min
Response: 48976090
Conc: 627.97 ng/ml



#29 AR-1254-4

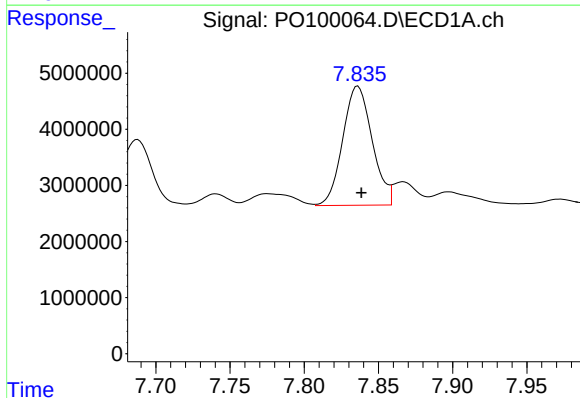
R.T.: 7.413 min
Delta R.T.: -0.001 min
Response: 26445240
Conc: 699.54 ng/ml

Instrument :
ECD_O
ClientSampleId :



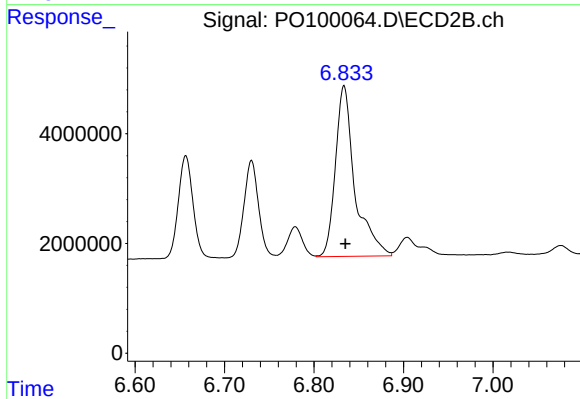
#29 AR-1254-4

R.T.: 6.411 min
Delta R.T.: -0.001 min
Response: 28594460
Conc: 670.02 ng/ml



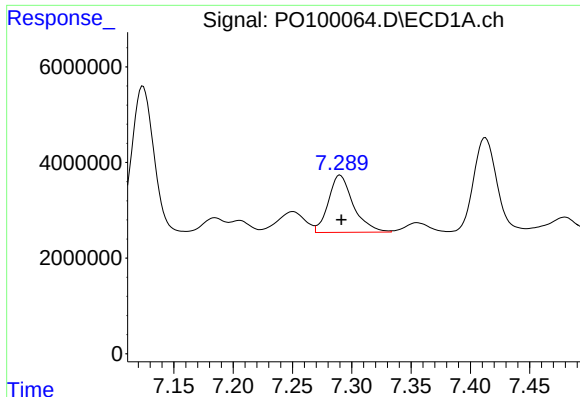
#30 AR-1254-5

R.T.: 7.836 min
Delta R.T.: -0.002 min
Response: 29327326
Conc: 685.18 ng/ml



#30 AR-1254-5

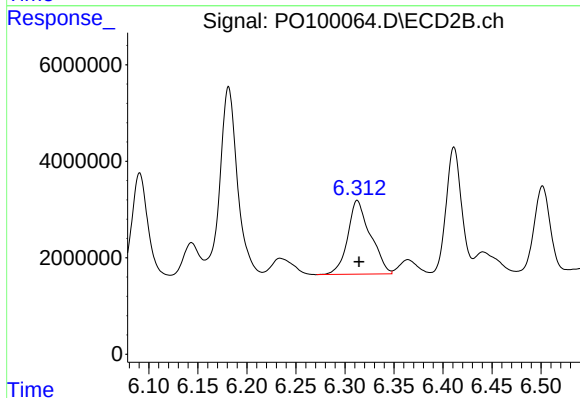
R.T.: 6.834 min
Delta R.T.: -0.002 min
Response: 47069608
Conc: 650.46 ng/ml



#31 AR-1260-1

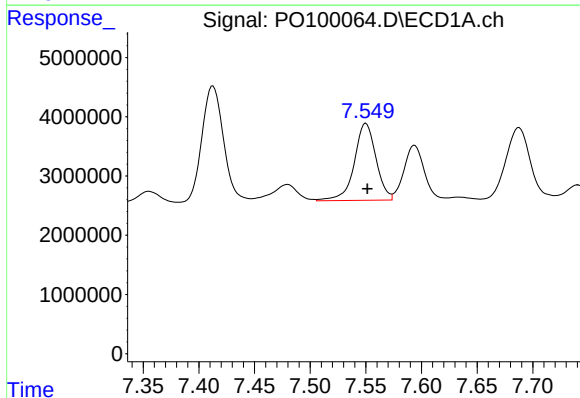
R.T.: 7.290 min
Delta R.T.: -0.001 min
Response: 17445056
Conc: 327.64 ng/ml

Instrument :
ECD_O
ClientSampleId :



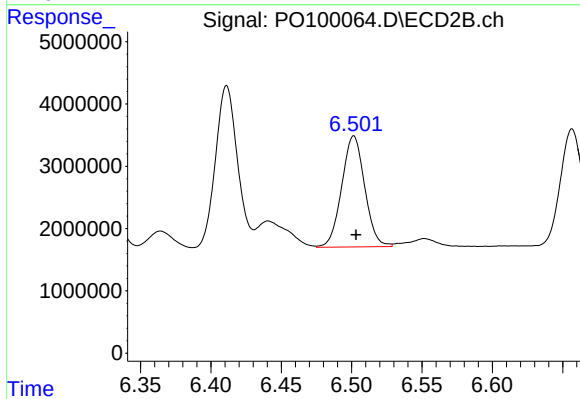
#31 AR-1260-1

R.T.: 6.313 min
Delta R.T.: -0.002 min
Response: 24649430
Conc: 426.58 ng/ml



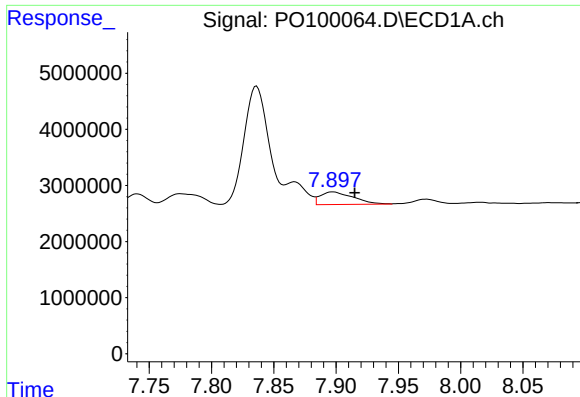
#32 AR-1260-2

R.T.: 7.550 min
Delta R.T.: -0.001 min
Response: 17696901
Conc: 334.55 ng/ml



#32 AR-1260-2

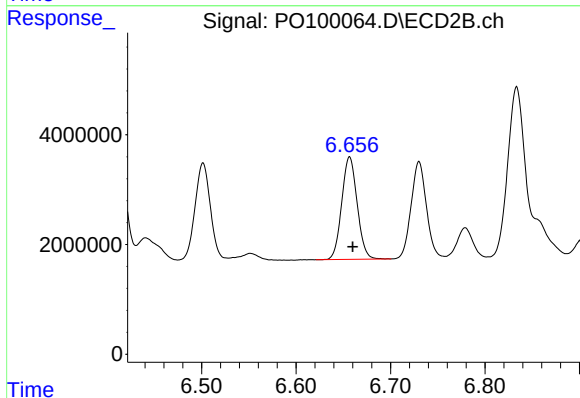
R.T.: 6.502 min
Delta R.T.: -0.002 min
Response: 20281247
Conc: 305.36 ng/ml



#33 AR-1260-3

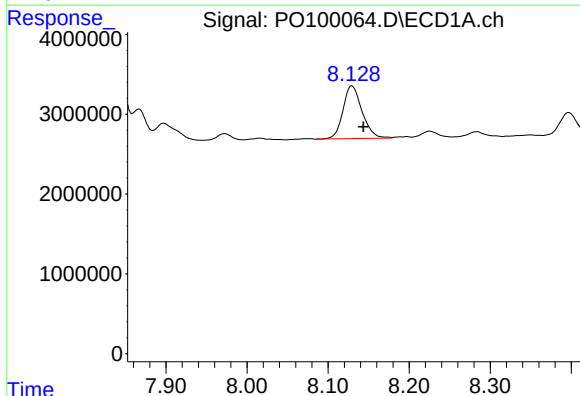
R.T.: 7.897 min
Delta R.T.: -0.018 min
Response: 4127065
Conc: 115.70 ng/ml

Instrument :
ECD_O
ClientSampleId :



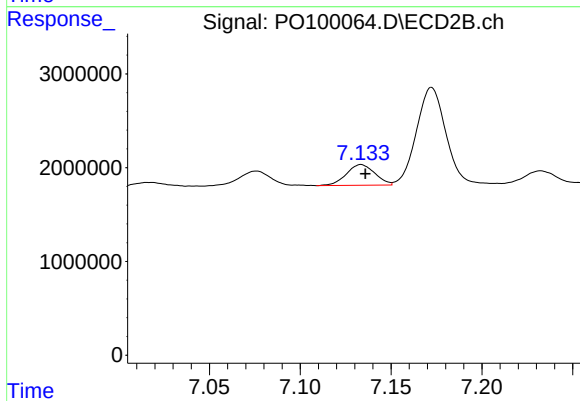
#33 AR-1260-3

R.T.: 6.657 min
Delta R.T.: -0.003 min
Response: 21225186
Conc: 331.71 ng/ml



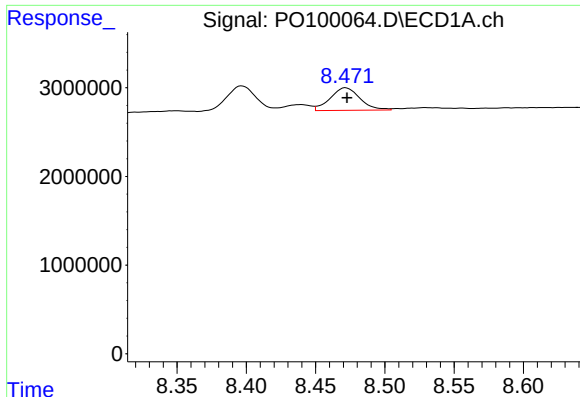
#34 AR-1260-4

R.T.: 8.129 min
Delta R.T.: -0.014 min
Response: 10791490
Conc: 260.74 ng/ml



#34 AR-1260-4

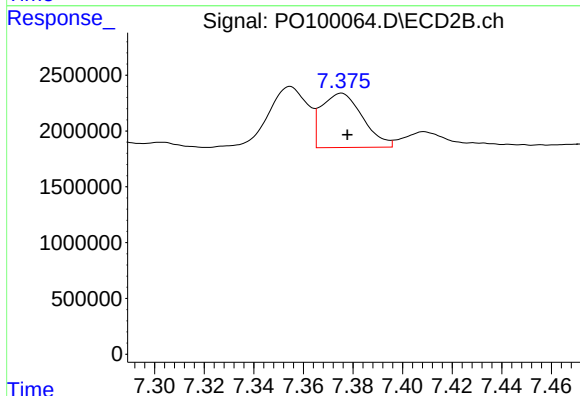
R.T.: 7.134 min
Delta R.T.: -0.002 min
Response: 2421450
Conc: 48.02 ng/ml



#35 AR-1260-5

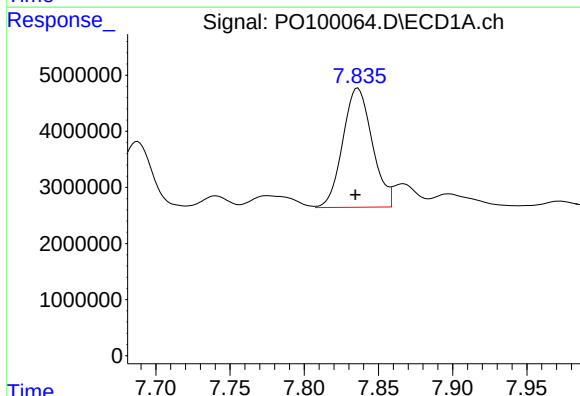
R.T.: 8.472 min
Delta R.T.: 0.000 min
Response: 3808750
Conc: 57.02 ng/ml

Instrument :
ECD_O
ClientSampleId :



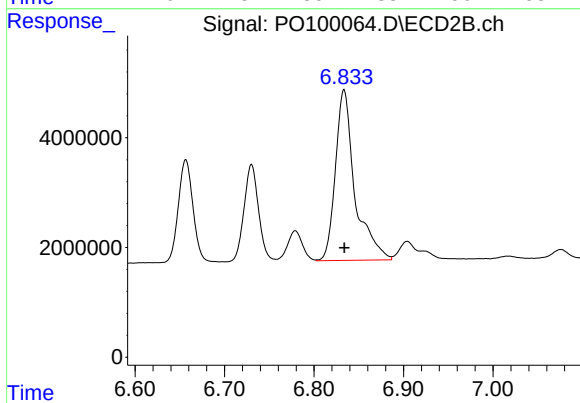
#35 AR-1260-5

R.T.: 7.375 min
Delta R.T.: -0.002 min
Response: 5602205
Conc: 49.97 ng/ml



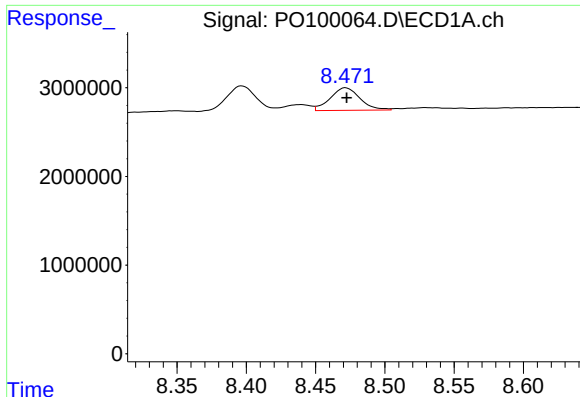
#36 AR-1262-1

R.T.: 7.836 min
Delta R.T.: 0.002 min
Response: 29327326
Conc: 810.78 ng/ml



#36 AR-1262-1

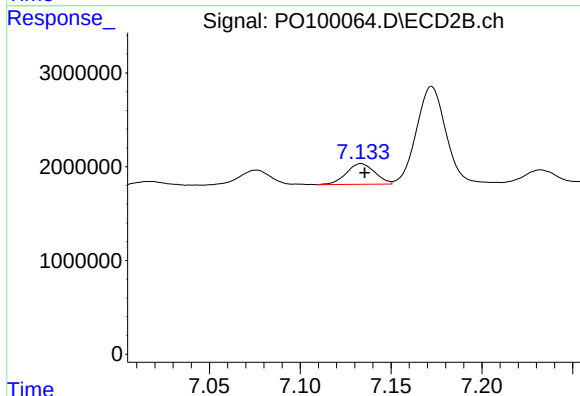
R.T.: 6.834 min
Delta R.T.: 0.000 min
Response: 47069608
Conc: 1231.51 ng/ml



#37 AR-1262-2

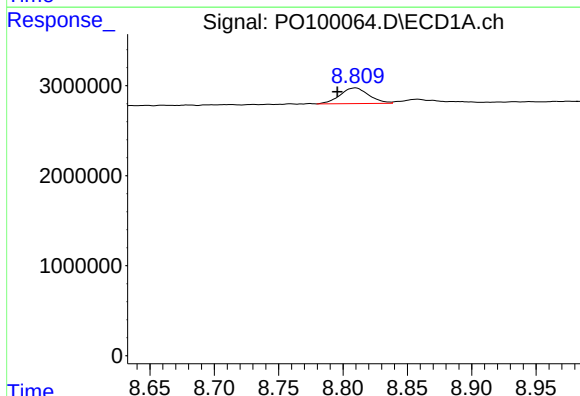
R.T.: 8.472 min
Delta R.T.: 0.000 min
Response: 3808750
Conc: 44.86 ng/ml

Instrument :
ECD_O
ClientSampleId :



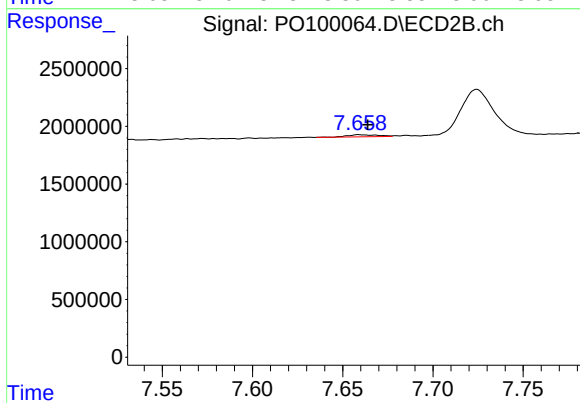
#37 AR-1262-2

R.T.: 7.134 min
Delta R.T.: -0.002 min
Response: 2421450
Conc: 32.10 ng/ml



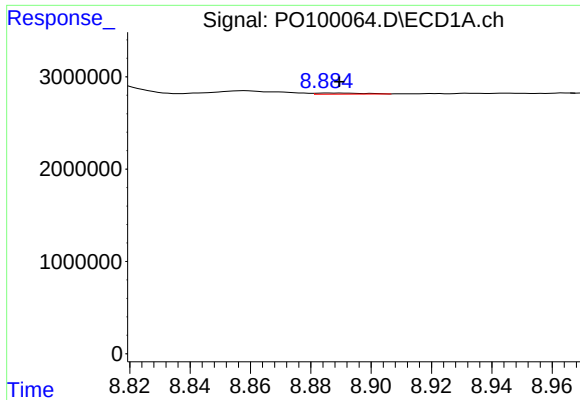
#38 AR-1262-3

R.T.: 8.810 min
Delta R.T.: 0.014 min
Response: 2729277
Conc: 45.31 ng/ml



#38 AR-1262-3

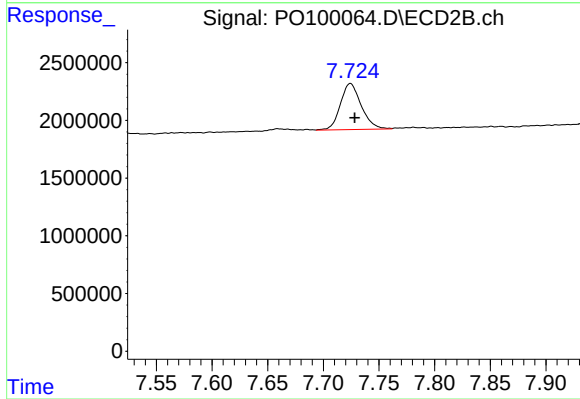
R.T.: 7.659 min
Delta R.T.: -0.005 min
Response: 213432
Conc: 3.66 ng/ml



#39 AR-1262-4

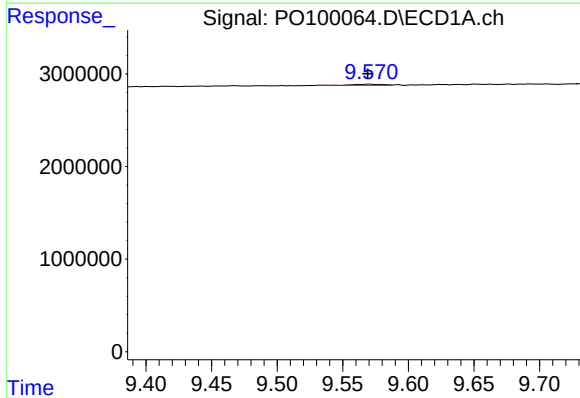
R.T.: 8.886 min
Delta R.T.: -0.004 min
Response: 136453
Conc: 2.83 ng/ml

Instrument :
ECD_O
ClientSampleId :



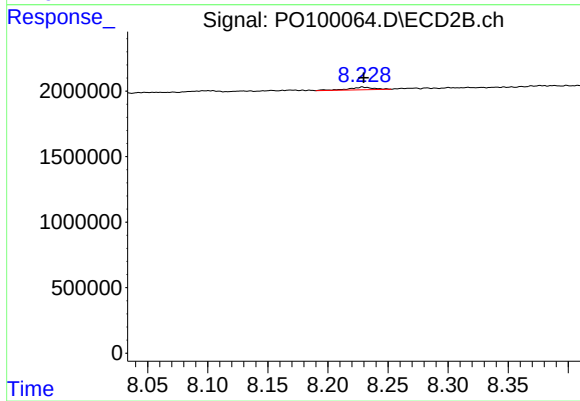
#39 AR-1262-4

R.T.: 7.724 min
Delta R.T.: -0.004 min
Response: 5221164
Conc: 50.80 ng/ml



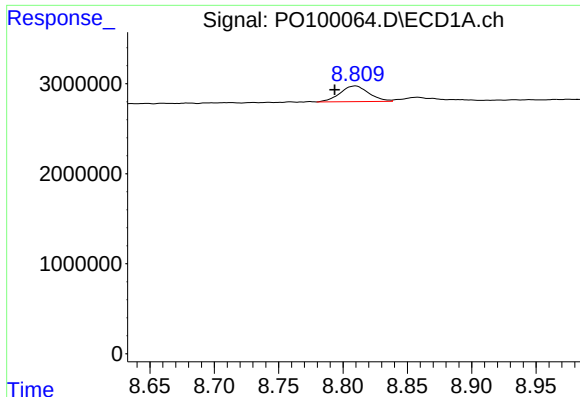
#40 AR-1262-5

R.T.: 9.570 min
Delta R.T.: 0.001 min
Response: 195340
Conc: 7.48 ng/ml



#40 AR-1262-5

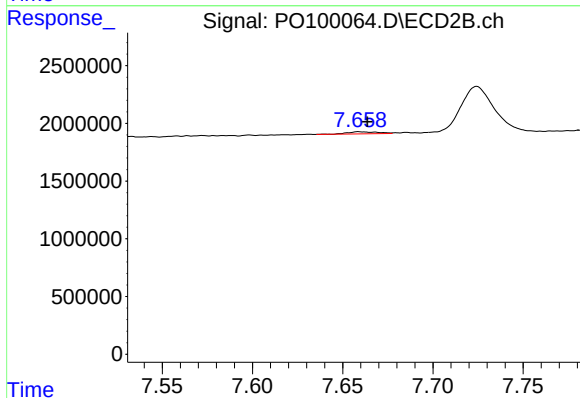
R.T.: 8.229 min
Delta R.T.: 0.000 min
Response: 302323
Conc: 6.94 ng/ml



#41 AR-1268-1

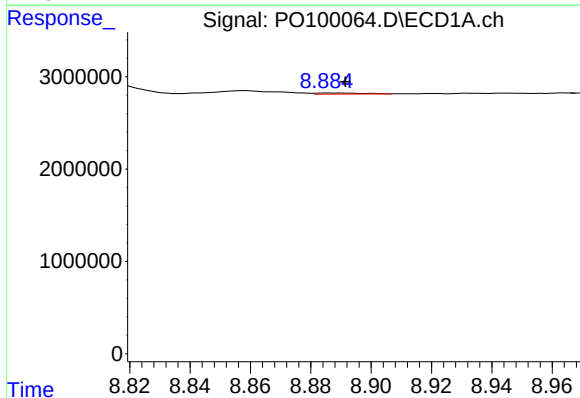
R.T.: 8.810 min
Delta R.T.: 0.016 min
Response: 2729277
Conc: 24.73 ng/ml

Instrument :
ECD_O
ClientSampleId :



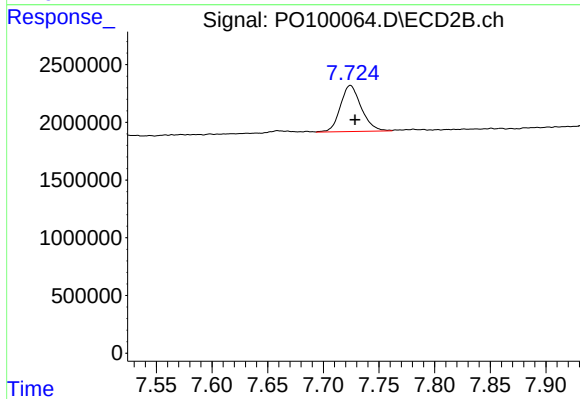
#41 AR-1268-1

R.T.: 7.659 min
Delta R.T.: -0.004 min
Response: 213432
Conc: 1.29 ng/ml



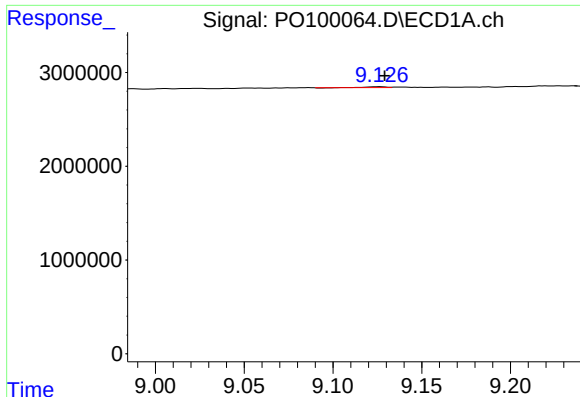
#42 AR-1268-2

R.T.: 8.886 min
Delta R.T.: -0.006 min
Response: 136453
Conc: 1.42 ng/ml



#42 AR-1268-2

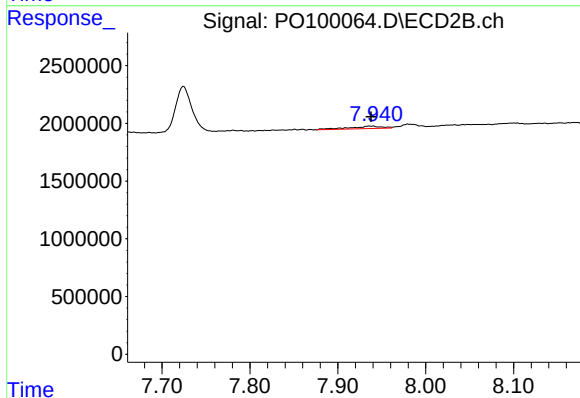
R.T.: 7.724 min
Delta R.T.: -0.004 min
Response: 5221164
Conc: 34.21 ng/ml



#43 AR-1268-3

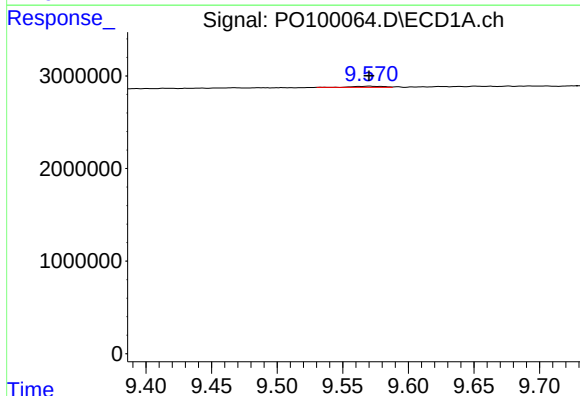
R.T.: 9.126 min
Delta R.T.: -0.003 min
Response: 71925
Conc: 0.80 ng/ml

Instrument :
ECD_O
ClientSampleId :



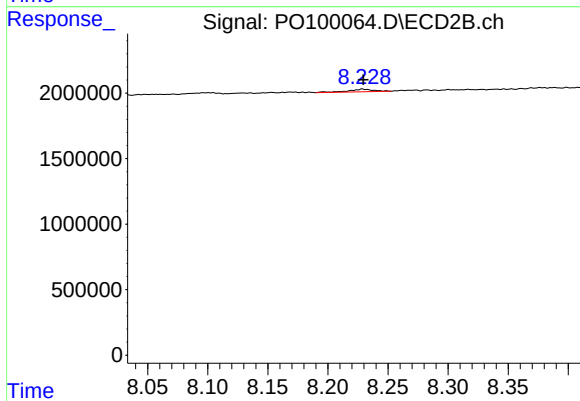
#43 AR-1268-3

R.T.: 7.940 min
Delta R.T.: 0.002 min
Response: 544523
Conc: 3.80 ng/ml



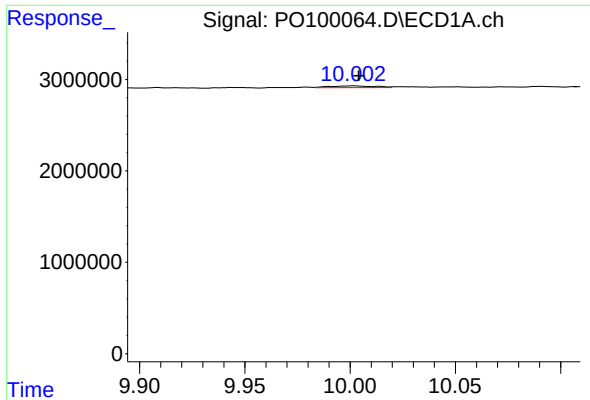
#44 AR-1268-4

R.T.: 9.570 min
Delta R.T.: 0.000 min
Response: 195340
Conc: 6.87 ng/ml



#44 AR-1268-4

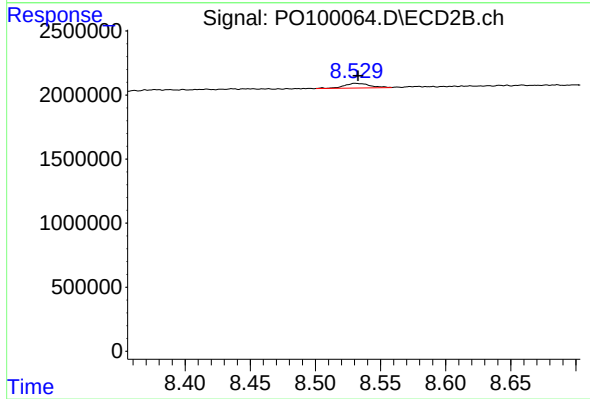
R.T.: 8.229 min
Delta R.T.: 0.000 min
Response: 302323
Conc: 6.43 ng/ml



#45 AR-1268-5

R.T.: 10.002 min
Delta R.T.: -0.002 min
Response: 301247
Conc: 1.20 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.531 min
Delta R.T.: -0.002 min
Response: 504196
Conc: 1.27 ng/ml