

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO112423\
 Data File : PO100034.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Nov 2023 11:42
 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 24 11:56:01 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...	4.481	3.705	74862377	63949051	43.860	42.636
2)	SA Decachlor...	10.360	8.802	36177282	49694971	49.807	44.410
Target Compounds							
3)	L1 AR-1016-1	5.667	4.812	574527	475422	13.353	15.056
4)	L1 AR-1016-2	5.694	4.831	793118	344763	12.250	7.974 #
5)	L1 AR-1016-3	5.751	5.011	443739	220626	10.181	9.513
6)	L1 AR-1016-4	5.850	5.052	331597	9151786	10.046	446.403 #
7)	L1 AR-1016-5	6.151	5.269	6978736	5289264	222.264	207.404
8)	L2 AR-1221-1	4.666	3.916	140935	67778	6.836	3.565 #
9)	L2 AR-1221-2	4.792	4.012	1198366	970886	79.340	74.504
10)	L2 AR-1221-3	4.854	4.086	210303	186816	4.686	5.201
11)	L3 AR-1232-1	4.854	4.086	210303	186816	5.894	6.366
12)	L3 AR-1232-2	5.397	4.831	298130	344763	17.129	17.385
13)	L3 AR-1232-3	5.694	5.011	793118	220626	27.989	21.289
14)	L3 AR-1232-4	5.850	5.093	331597	2804173	23.870	282.114 #
15)	L3 AR-1232-5	5.945	5.269	12819753	5289264	1044.615	489.739 #
16)	L4 AR-1242-1	5.667	4.812	574527	475422	16.584	18.090
17)	L4 AR-1242-2	5.694	4.831	793118	344763	15.114	9.805 #
18)	L4 AR-1242-3	5.751	5.011	443739	220626	12.750	11.521
19)	L4 AR-1242-4	5.850	5.093	331597	2804173	12.613	139.220 #
20)	L4 AR-1242-5	6.604	5.626	5700441	21749857	254.951	930.842 #
21)	L5 AR-1248-1	5.667	4.812	574527	475422	22.223	23.781
22)	L5 AR-1248-2	5.945	5.052	12819753	9151786	313.466	327.074
23)	L5 AR-1248-3	6.151	5.093	6978736	2804173	162.929	97.104 #
24)	L5 AR-1248-4	6.560	5.269	8519111	5289264	226.023	161.309 #
25)	L5 AR-1248-5	6.604	5.667	5700441	2442301	154.346	81.760 #
26)	L6 AR-1254-1	6.534	5.626	20605608	21749857	427.920	419.581
27)	L6 AR-1254-2	6.756	5.775	30188258	19961255	440.187	428.650
28)	L6 AR-1254-3	7.126	6.183	29019586	34262386	455.513	439.314
29)	L6 AR-1254-4	7.415	6.414	18853502	20165419	498.719	472.515
30)	L6 AR-1254-5	7.839	6.836	21563045	33601404	503.782	464.345
31)	L7 AR-1260-1	7.292	6.315	12310323	17361829	231.204	300.459 #
32)	L7 AR-1260-2	7.552	6.503	12700474	14464562	240.097	217.785
33)	L7 AR-1260-3	7.900	6.659	2923090	14970868	81.948	233.966 #
34)	L7 AR-1260-4	8.131	7.136	7965754	1753253	192.465	34.769 #
35)	L7 AR-1260-5	8.474	7.378	2948389	4091223	44.138	36.495
36)	L8 AR-1262-1	7.839	6.836	21563045	33601404	596.129	879.131 #
37)	L8 AR-1262-2	8.474	7.136	2948389	1753253	34.726	23.243 #
38)	L8 AR-1262-3	8.811	7.667	2272795	169118	37.731	2.904 #
39)	L8 AR-1262-4	8.898	7.727	43931	3870621	0.911	37.658 #
40)	L8 AR-1262-5	9.573	8.235	77282	229747	2.960	5.273 #
41)	L9 AR-1268-1	8.811	7.667	2272795	169118	20.590	1.018 #

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 Misc :
 ALS Vial : 6 Sample Multiplier: 1

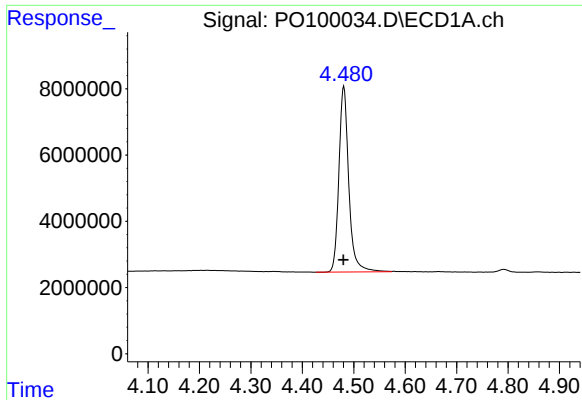
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 24 11:56:01 2023
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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	8.898	7.727	43931	3870621	0.456	25.358 #
43) L9	AR-1268-3	9.130	7.944	51900	222297	0.575	1.551 #
44) L9	AR-1268-4	9.573	8.235	77282	229747	2.718	4.890 #
45) L9	AR-1268-5	10.001	8.534	151463	404297	0.602	1.015 #

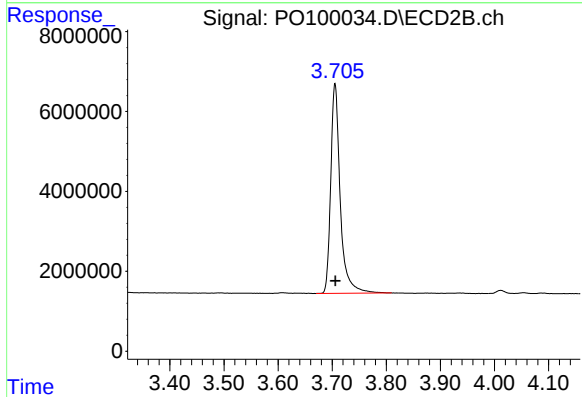
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

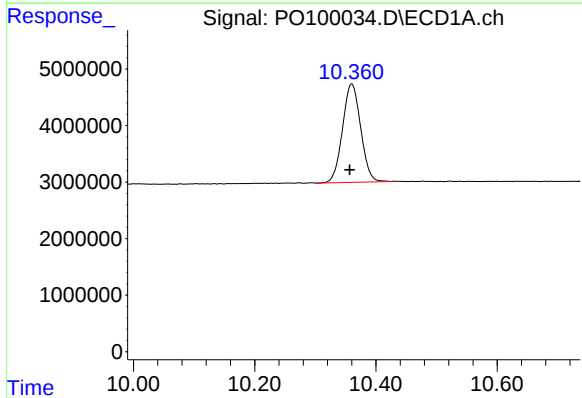
R.T.: 4.481 min
Delta R.T.: 0.000 min
Response: 74862377
Conc: 43.86 ng/ml

Instrument :
ECD_O
ClientSampleId :



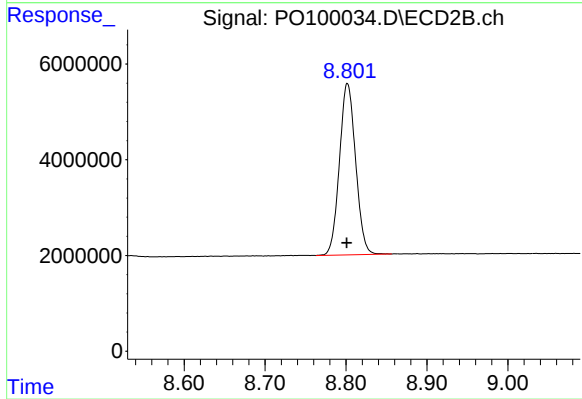
#1 Tetrachloro-m-xylene

R.T.: 3.705 min
Delta R.T.: 0.000 min
Response: 63949051
Conc: 42.64 ng/ml



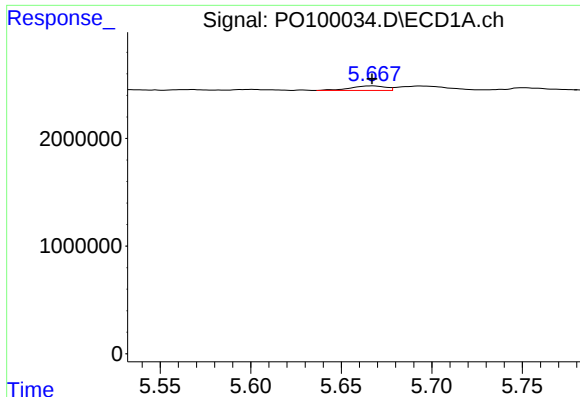
#2 Decachlorobiphenyl

R.T.: 10.360 min
Delta R.T.: 0.003 min
Response: 36177282
Conc: 49.81 ng/ml



#2 Decachlorobiphenyl

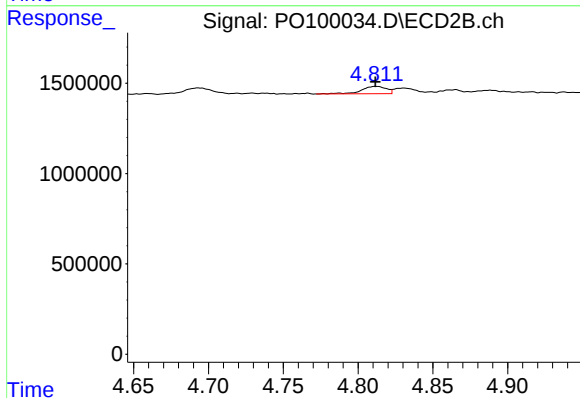
R.T.: 8.802 min
Delta R.T.: 0.000 min
Response: 49694971
Conc: 44.41 ng/ml



#3 AR-1016-1

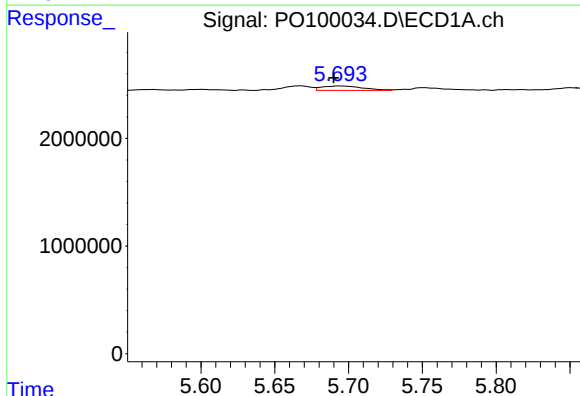
R.T.: 5.667 min
Delta R.T.: 0.000 min
Response: 574527
Conc: 13.35 ng/ml

Instrument :
ECD_O
ClientSampleId :



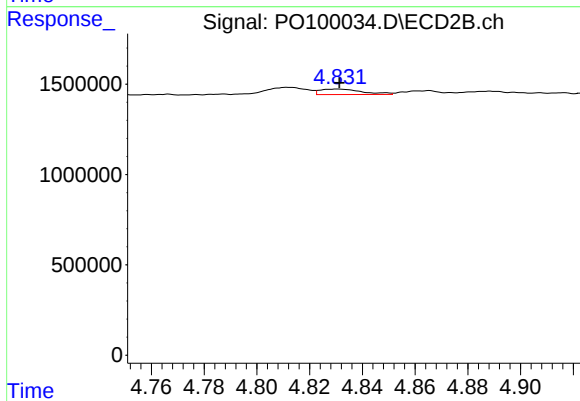
#3 AR-1016-1

R.T.: 4.812 min
Delta R.T.: 0.000 min
Response: 475422
Conc: 15.06 ng/ml



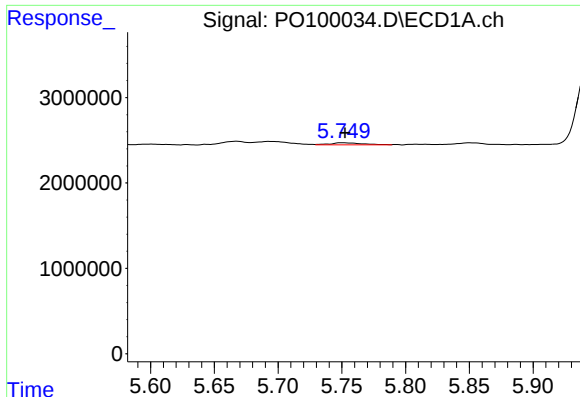
#4 AR-1016-2

R.T.: 5.694 min
Delta R.T.: 0.004 min
Response: 793118
Conc: 12.25 ng/ml



#4 AR-1016-2

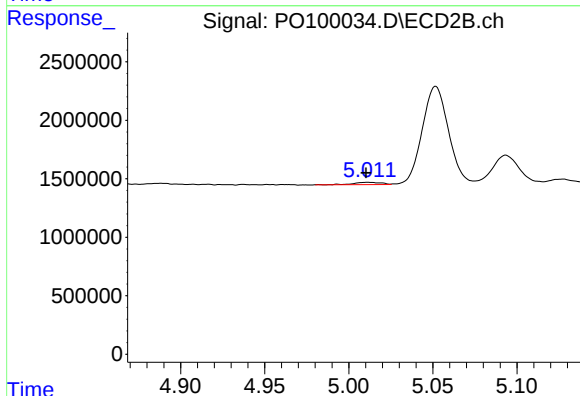
R.T.: 4.831 min
Delta R.T.: 0.000 min
Response: 344763
Conc: 7.97 ng/ml



#5 AR-1016-3

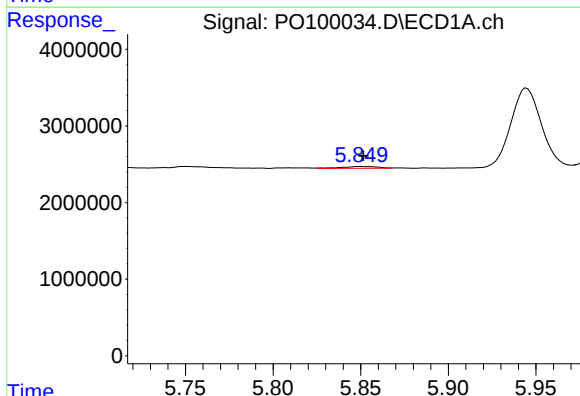
R.T.: 5.751 min
Delta R.T.: -0.002 min
Response: 443739
Conc: 10.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



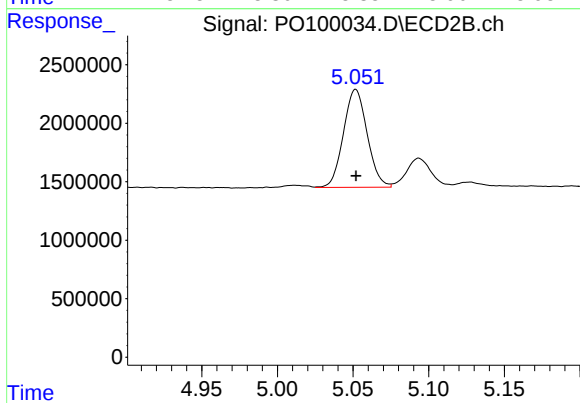
#5 AR-1016-3

R.T.: 5.011 min
Delta R.T.: 0.001 min
Response: 220626
Conc: 9.51 ng/ml



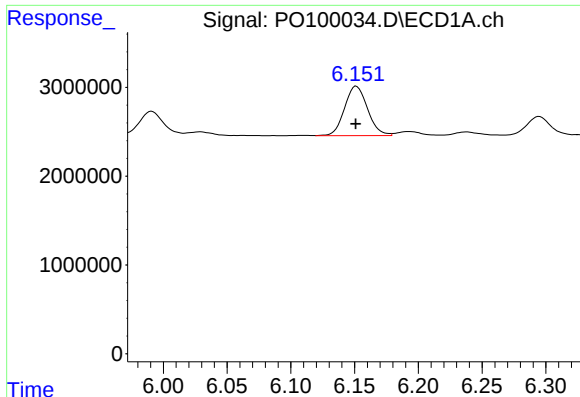
#6 AR-1016-4

R.T.: 5.850 min
Delta R.T.: -0.002 min
Response: 331597
Conc: 10.05 ng/ml



#6 AR-1016-4

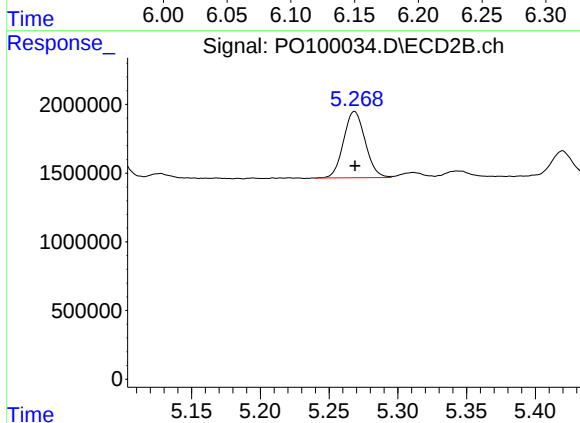
R.T.: 5.052 min
Delta R.T.: 0.000 min
Response: 9151786
Conc: 446.40 ng/ml



#7 AR-1016-5

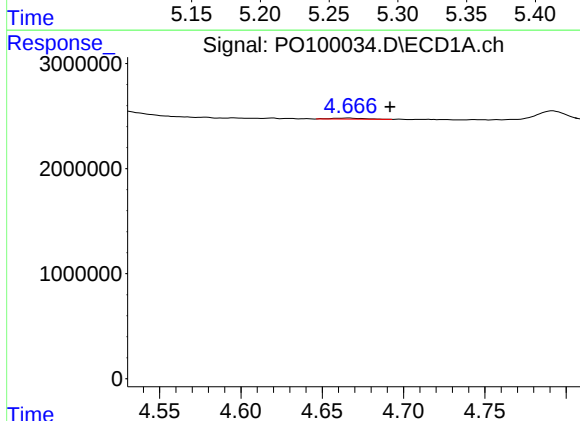
R.T.: 6.151 min
Delta R.T.: 0.000 min
Response: 6978736
Conc: 222.26 ng/ml

Instrument :
ECD_O
ClientSampleId :



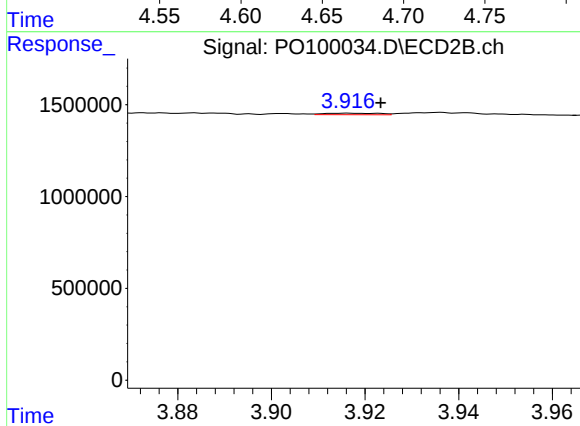
#7 AR-1016-5

R.T.: 5.269 min
Delta R.T.: 0.000 min
Response: 5289264
Conc: 207.40 ng/ml



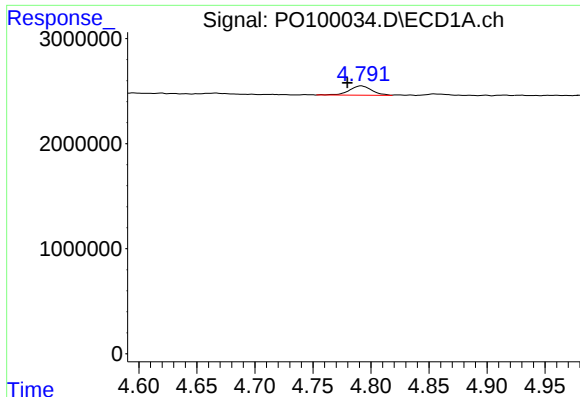
#8 AR-1221-1

R.T.: 4.666 min
Delta R.T.: -0.026 min
Response: 140935
Conc: 6.84 ng/ml



#8 AR-1221-1

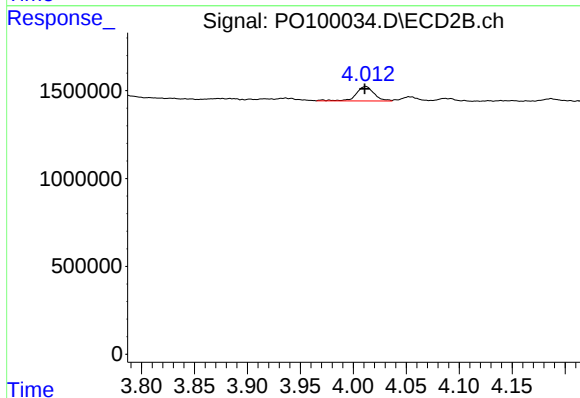
R.T.: 3.916 min
Delta R.T.: -0.007 min
Response: 67778
Conc: 3.57 ng/ml



#9 AR-1221-2

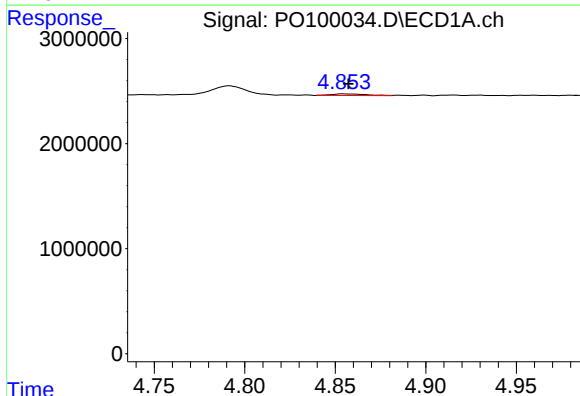
R.T.: 4.792 min
Delta R.T.: 0.012 min
Response: 1198366
Conc: 79.34 ng/ml

Instrument :
ECD_O
ClientSampleId :



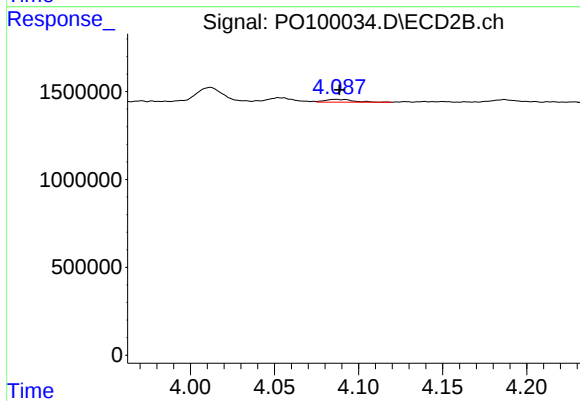
#9 AR-1221-2

R.T.: 4.012 min
Delta R.T.: 0.001 min
Response: 970886
Conc: 74.50 ng/ml



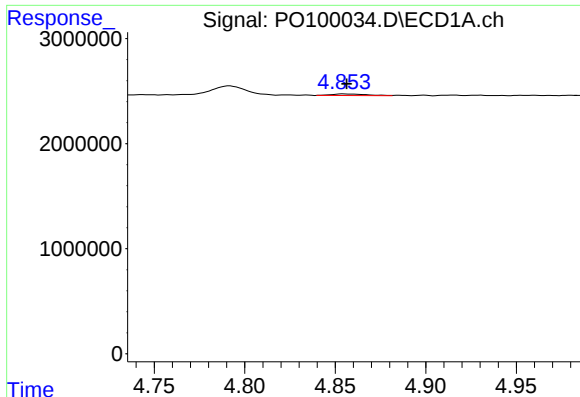
#10 AR-1221-3

R.T.: 4.854 min
Delta R.T.: -0.003 min
Response: 210303
Conc: 4.69 ng/ml



#10 AR-1221-3

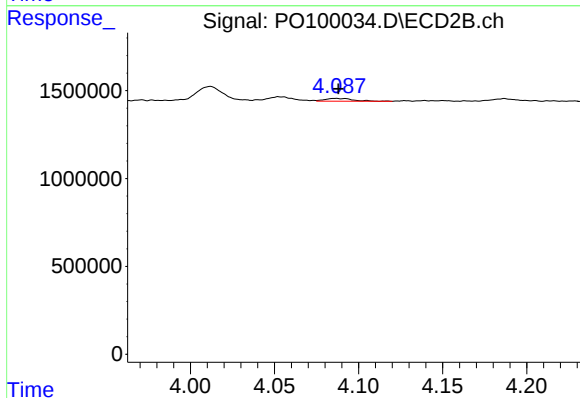
R.T.: 4.086 min
Delta R.T.: -0.002 min
Response: 186816
Conc: 5.20 ng/ml



#11 AR-1232-1

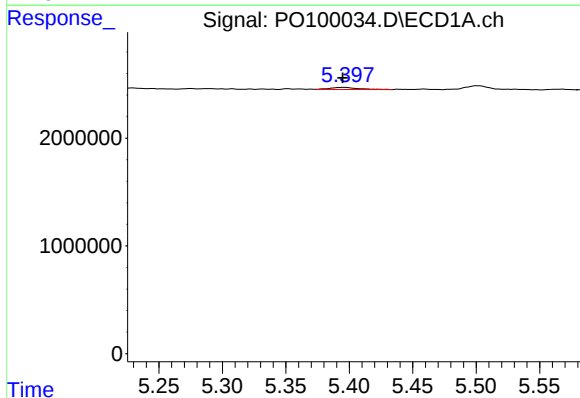
R.T.: 4.854 min
Delta R.T.: -0.002 min
Response: 210303
Conc: 5.89 ng/ml

Instrument :
ECD_O
ClientSampleId :



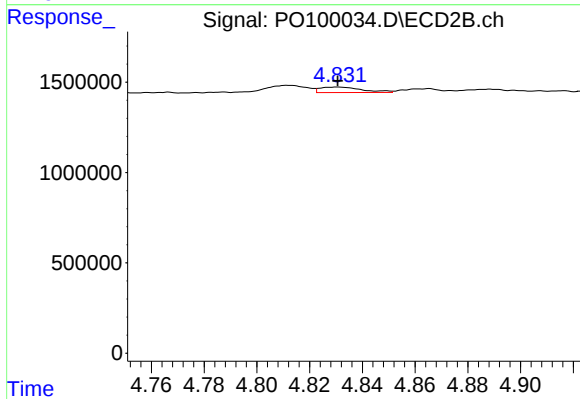
#11 AR-1232-1

R.T.: 4.086 min
Delta R.T.: -0.002 min
Response: 186816
Conc: 6.37 ng/ml



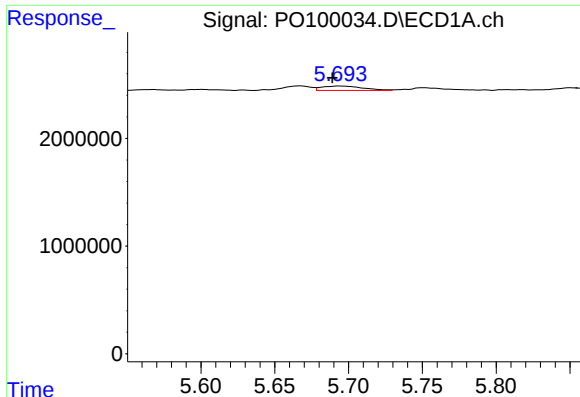
#12 AR-1232-2

R.T.: 5.397 min
Delta R.T.: 0.002 min
Response: 298130
Conc: 17.13 ng/ml



#12 AR-1232-2

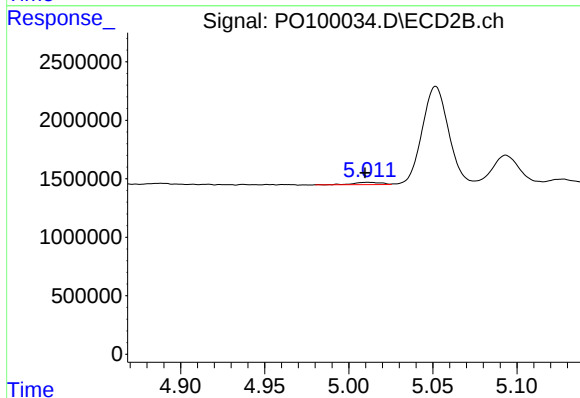
R.T.: 4.831 min
Delta R.T.: 0.000 min
Response: 344763
Conc: 17.38 ng/ml



#13 AR-1232-3

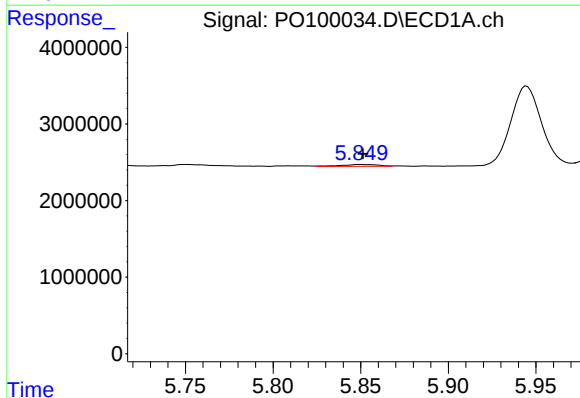
R.T.: 5.694 min
Delta R.T.: 0.005 min
Response: 793118
Conc: 27.99 ng/ml

Instrument :
ECD_O
ClientSampleId :



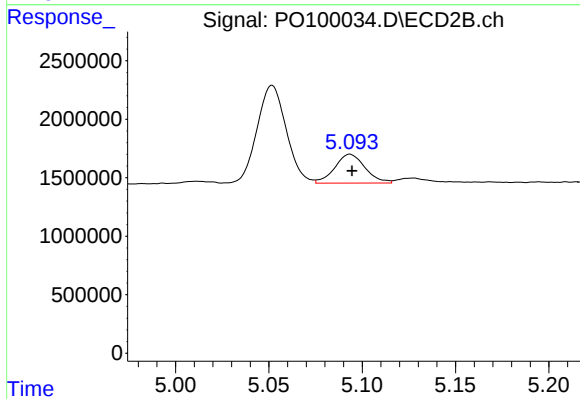
#13 AR-1232-3

R.T.: 5.011 min
Delta R.T.: 0.002 min
Response: 220626
Conc: 21.29 ng/ml



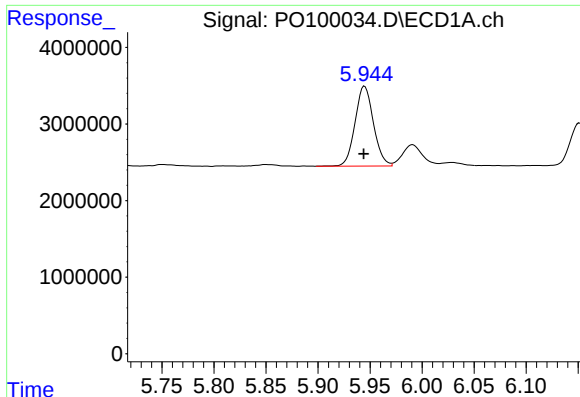
#14 AR-1232-4

R.T.: 5.850 min
Delta R.T.: -0.001 min
Response: 331597
Conc: 23.87 ng/ml



#14 AR-1232-4

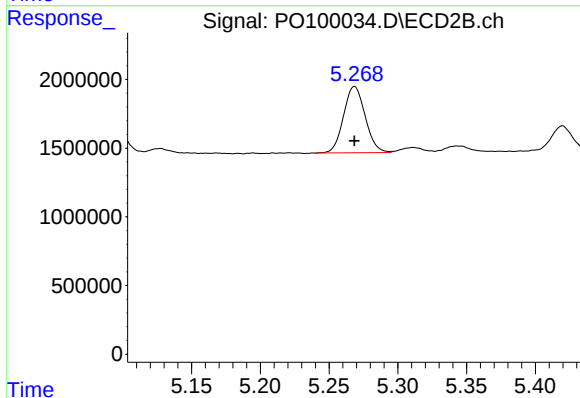
R.T.: 5.093 min
Delta R.T.: -0.001 min
Response: 2804173
Conc: 282.11 ng/ml



#15 AR-1232-5

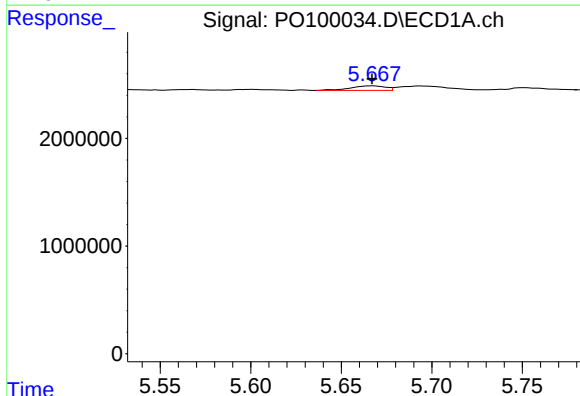
R.T.: 5.945 min
Delta R.T.: 0.000 min
Response: 12819753
Conc: 1044.61 ng/ml

Instrument :
ECD_O
ClientSampleId :



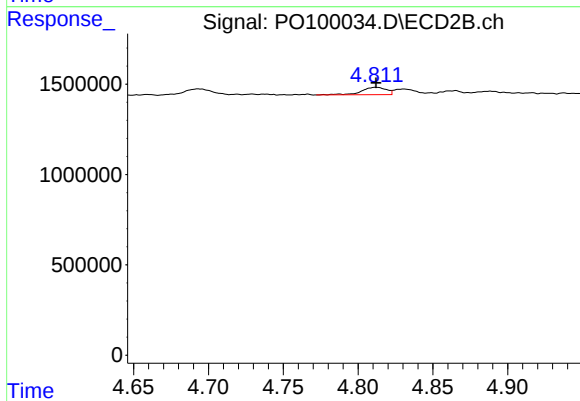
#15 AR-1232-5

R.T.: 5.269 min
Delta R.T.: 0.000 min
Response: 5289264
Conc: 489.74 ng/ml



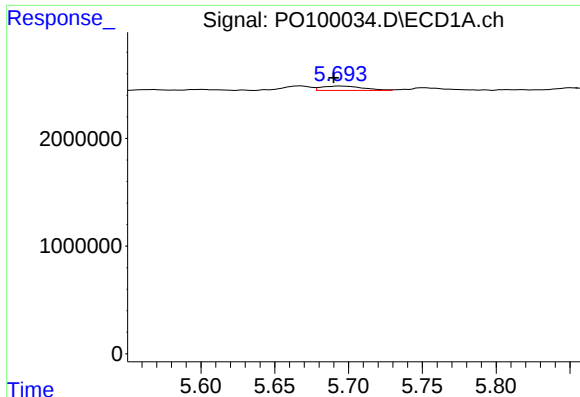
#16 AR-1242-1

R.T.: 5.667 min
Delta R.T.: 0.000 min
Response: 574527
Conc: 16.58 ng/ml



#16 AR-1242-1

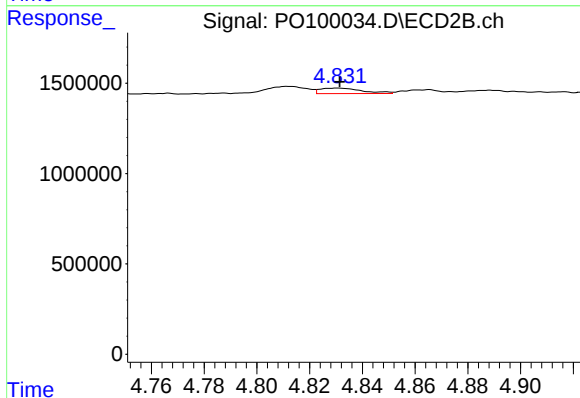
R.T.: 4.812 min
Delta R.T.: 0.000 min
Response: 475422
Conc: 18.09 ng/ml



#17 AR-1242-2

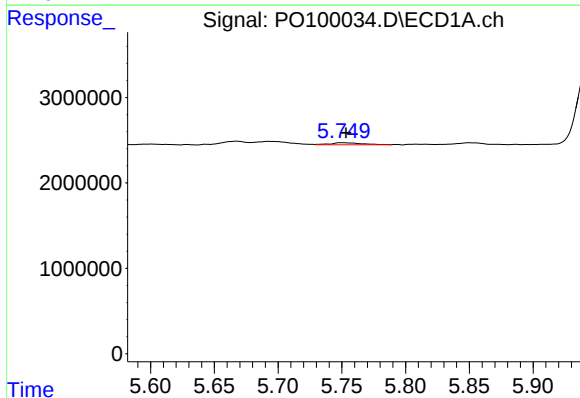
R.T.: 5.694 min
Delta R.T.: 0.004 min
Response: 793118
Conc: 15.11 ng/ml

Instrument :
ECD_O
ClientSampleId :



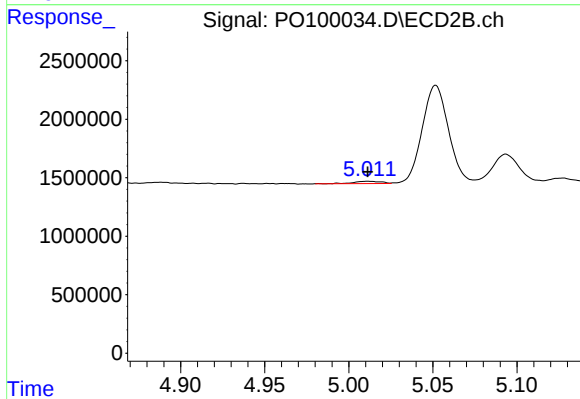
#17 AR-1242-2

R.T.: 4.831 min
Delta R.T.: 0.000 min
Response: 344763
Conc: 9.80 ng/ml



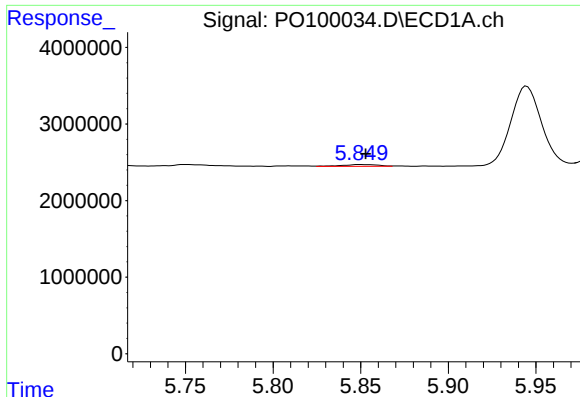
#18 AR-1242-3

R.T.: 5.751 min
Delta R.T.: -0.003 min
Response: 443739
Conc: 12.75 ng/ml



#18 AR-1242-3

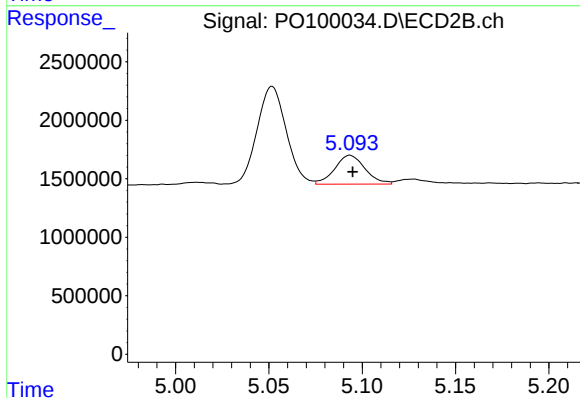
R.T.: 5.011 min
Delta R.T.: 0.000 min
Response: 220626
Conc: 11.52 ng/ml



#19 AR-1242-4

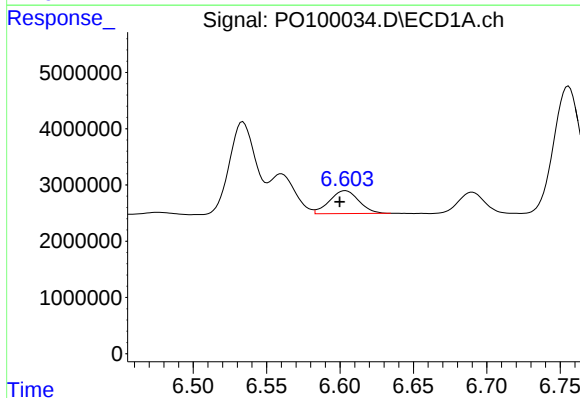
R.T.: 5.850 min
Delta R.T.: -0.003 min
Response: 331597
Conc: 12.61 ng/ml

Instrument :
ECD_O
ClientSampleId :



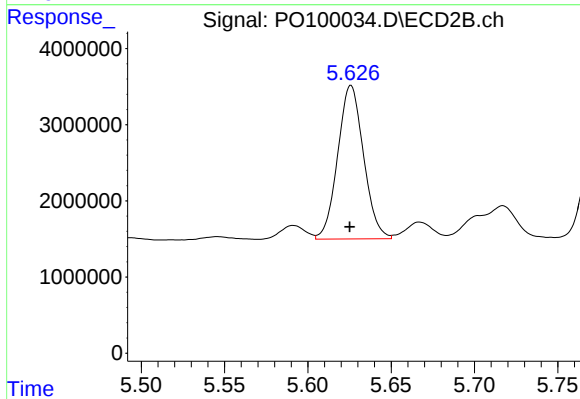
#19 AR-1242-4

R.T.: 5.093 min
Delta R.T.: -0.001 min
Response: 2804173
Conc: 139.22 ng/ml



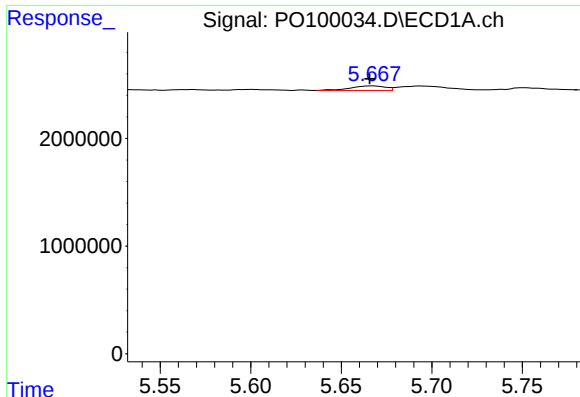
#20 AR-1242-5

R.T.: 6.604 min
Delta R.T.: 0.004 min
Response: 5700441
Conc: 254.95 ng/ml



#20 AR-1242-5

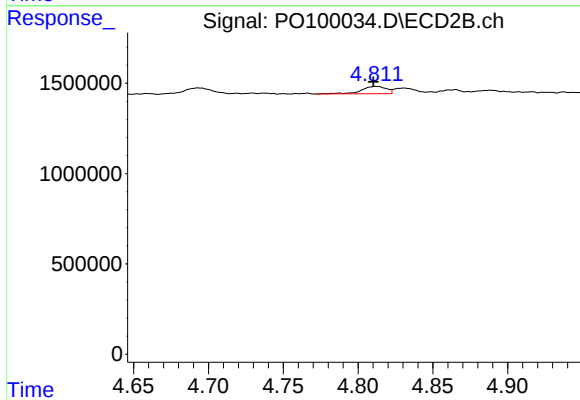
R.T.: 5.626 min
Delta R.T.: 0.000 min
Response: 21749857
Conc: 930.84 ng/ml



#21 AR-1248-1

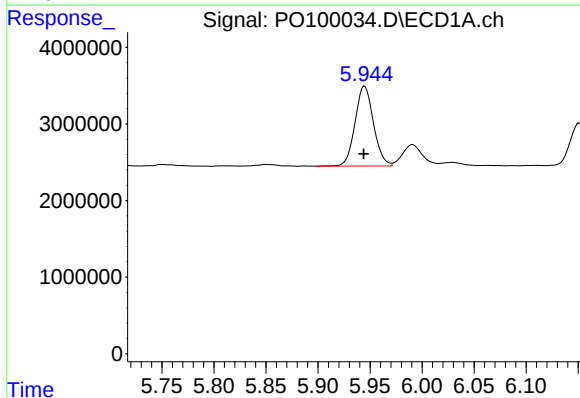
R.T.: 5.667 min
Delta R.T.: 0.002 min
Response: 574527
Conc: 22.22 ng/ml

Instrument :
ECD_O
ClientSampleId :



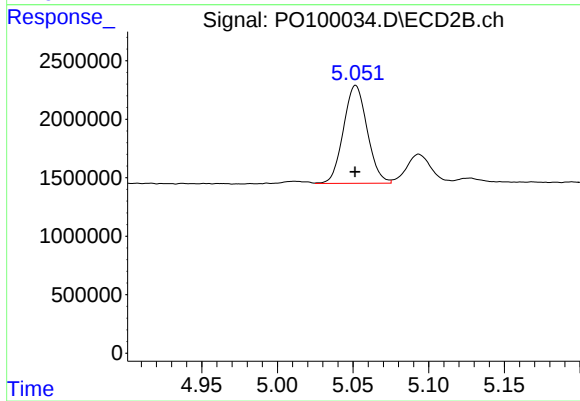
#21 AR-1248-1

R.T.: 4.812 min
Delta R.T.: 0.002 min
Response: 475422
Conc: 23.78 ng/ml



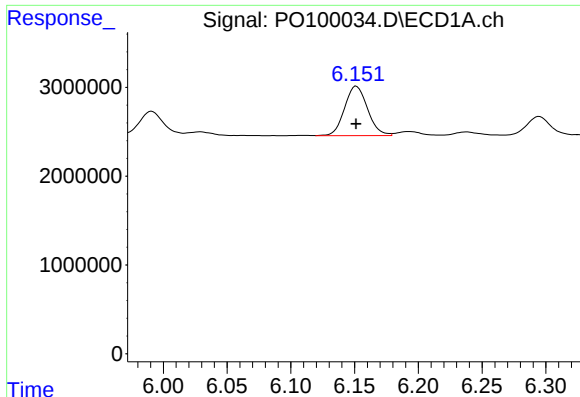
#22 AR-1248-2

R.T.: 5.945 min
Delta R.T.: 0.000 min
Response: 12819753
Conc: 313.47 ng/ml



#22 AR-1248-2

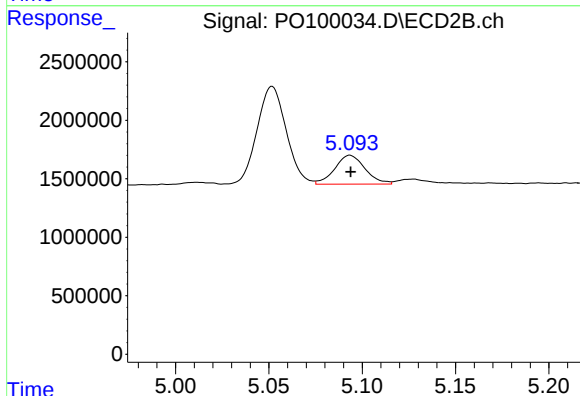
R.T.: 5.052 min
Delta R.T.: 0.000 min
Response: 9151786
Conc: 327.07 ng/ml



#23 AR-1248-3

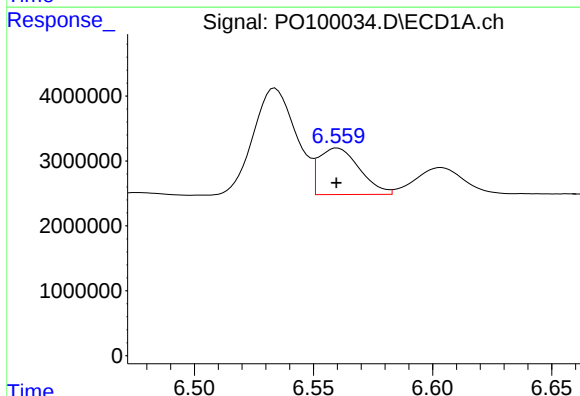
R.T.: 6.151 min
Delta R.T.: 0.000 min
Response: 6978736
Conc: 162.93 ng/ml

Instrument :
ECD_O
ClientSampleId :



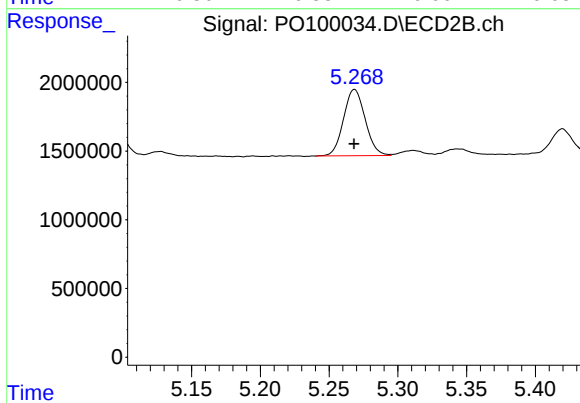
#23 AR-1248-3

R.T.: 5.093 min
Delta R.T.: 0.000 min
Response: 2804173
Conc: 97.10 ng/ml



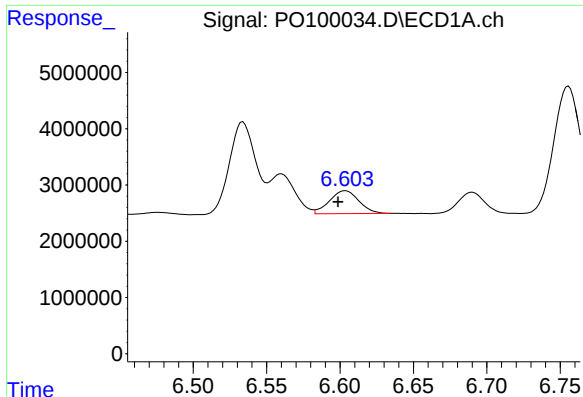
#24 AR-1248-4

R.T.: 6.560 min
Delta R.T.: 0.000 min
Response: 8519111
Conc: 226.02 ng/ml



#24 AR-1248-4

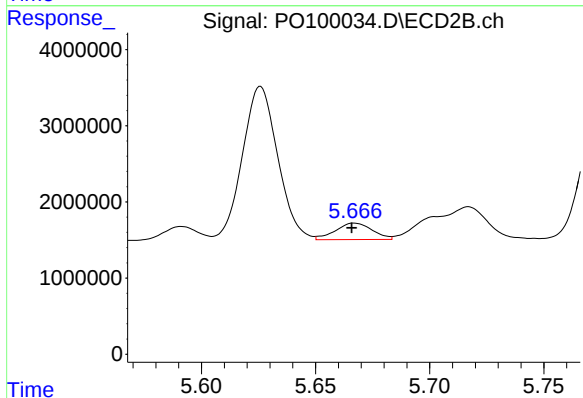
R.T.: 5.269 min
Delta R.T.: 0.000 min
Response: 5289264
Conc: 161.31 ng/ml



#25 AR-1248-5

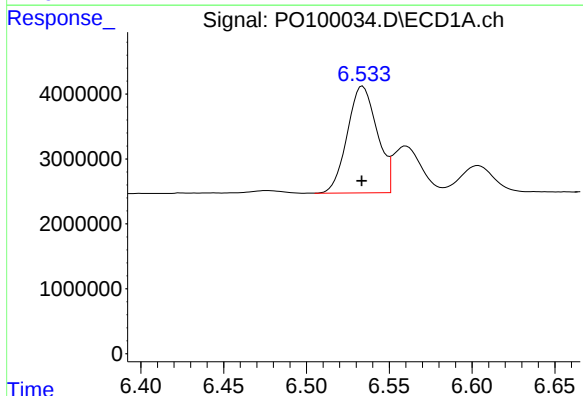
R.T.: 6.604 min
Delta R.T.: 0.005 min
Response: 5700441
Conc: 154.35 ng/ml

Instrument :
ECD_O
ClientSampleId :



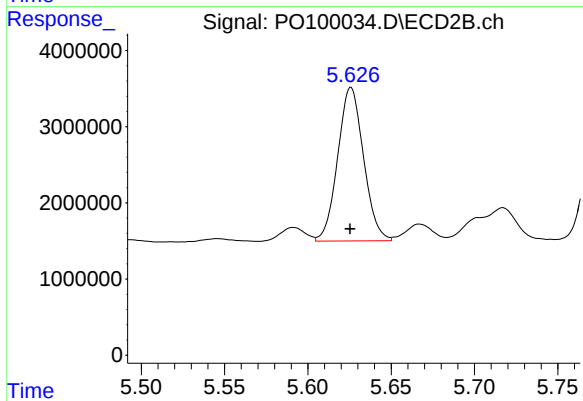
#25 AR-1248-5

R.T.: 5.667 min
Delta R.T.: 0.001 min
Response: 2442301
Conc: 81.76 ng/ml



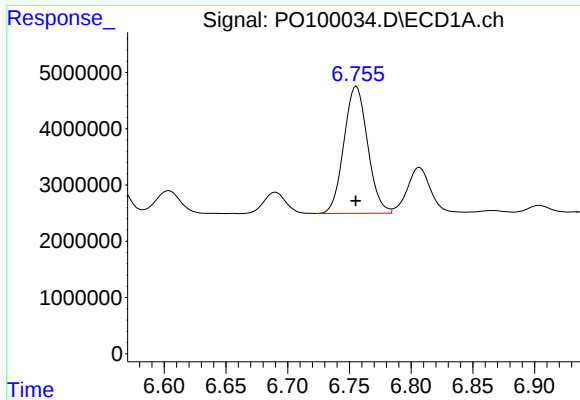
#26 AR-1254-1

R.T.: 6.534 min
Delta R.T.: 0.000 min
Response: 20605608
Conc: 427.92 ng/ml



#26 AR-1254-1

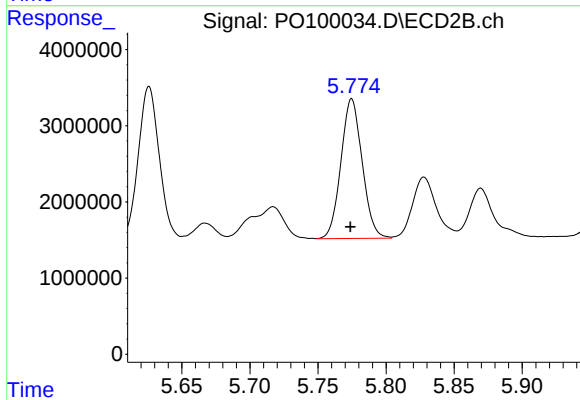
R.T.: 5.626 min
Delta R.T.: 0.000 min
Response: 21749857
Conc: 419.58 ng/ml



#27 AR-1254-2

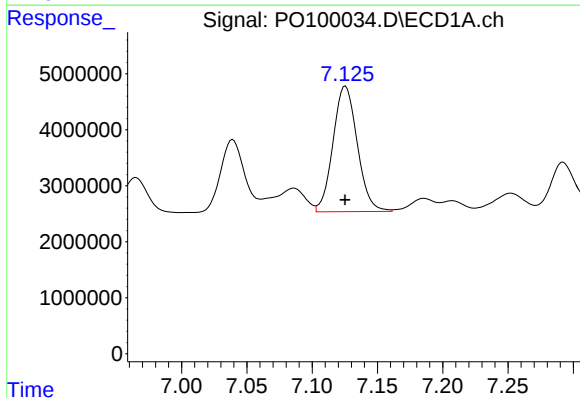
R.T.: 6.756 min
Delta R.T.: 0.000 min
Response: 30188258
Conc: 440.19 ng/ml

Instrument :
ECD_O
ClientSampleId :



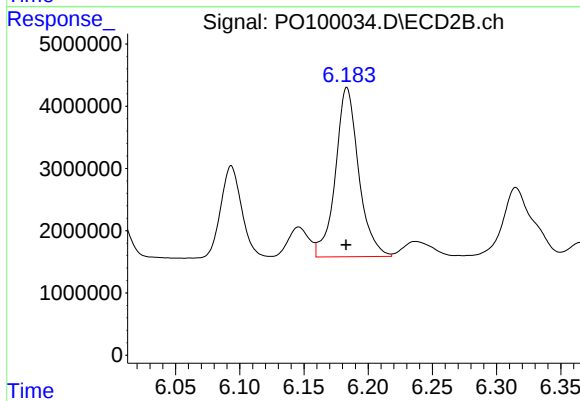
#27 AR-1254-2

R.T.: 5.775 min
Delta R.T.: 0.000 min
Response: 19961255
Conc: 428.65 ng/ml



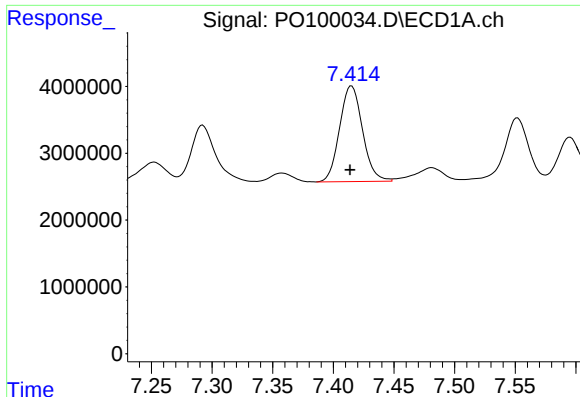
#28 AR-1254-3

R.T.: 7.126 min
Delta R.T.: 0.000 min
Response: 29019586
Conc: 455.51 ng/ml



#28 AR-1254-3

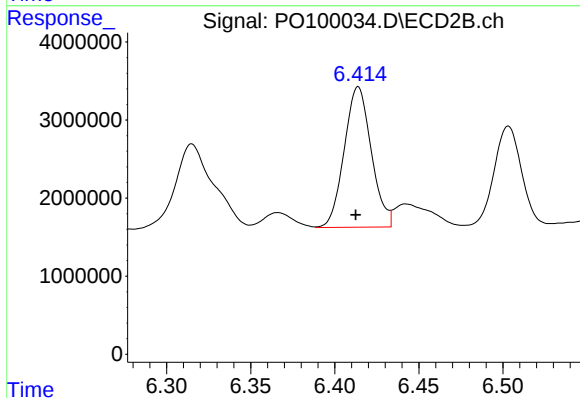
R.T.: 6.183 min
Delta R.T.: 0.000 min
Response: 34262386
Conc: 439.31 ng/ml



#29 AR-1254-4

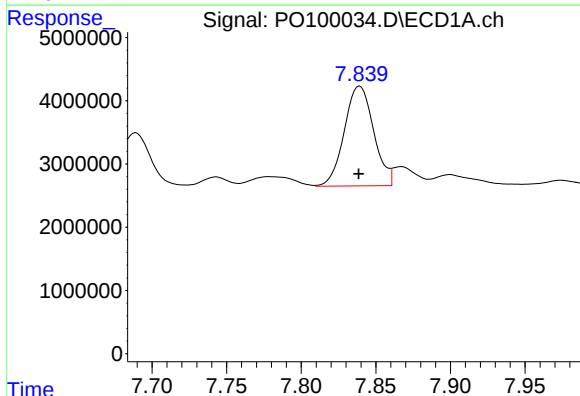
R.T.: 7.415 min
Delta R.T.: 0.001 min
Response: 18853502
Conc: 498.72 ng/ml

Instrument :
ECD_O
ClientSampleId :



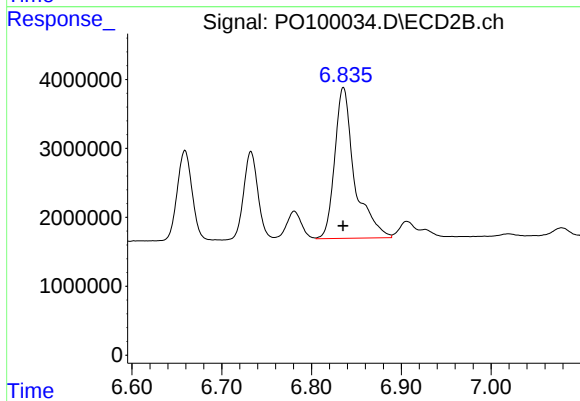
#29 AR-1254-4

R.T.: 6.414 min
Delta R.T.: 0.002 min
Response: 20165419
Conc: 472.52 ng/ml



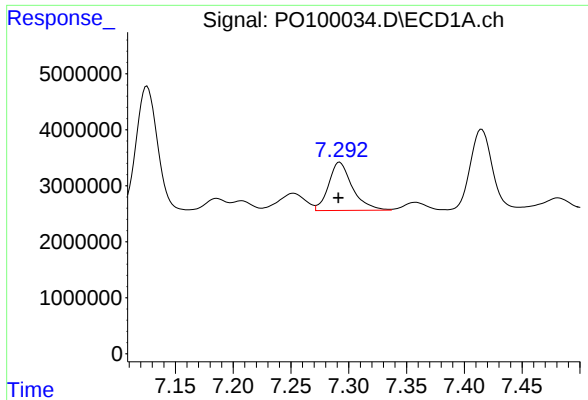
#30 AR-1254-5

R.T.: 7.839 min
Delta R.T.: 0.000 min
Response: 21563045
Conc: 503.78 ng/ml



#30 AR-1254-5

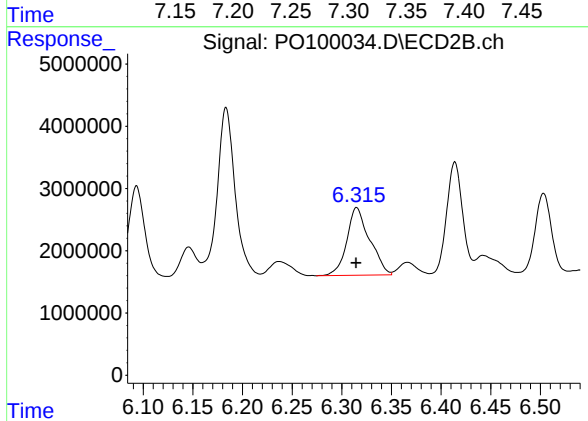
R.T.: 6.836 min
Delta R.T.: 0.000 min
Response: 33601404
Conc: 464.34 ng/ml



#31 AR-1260-1

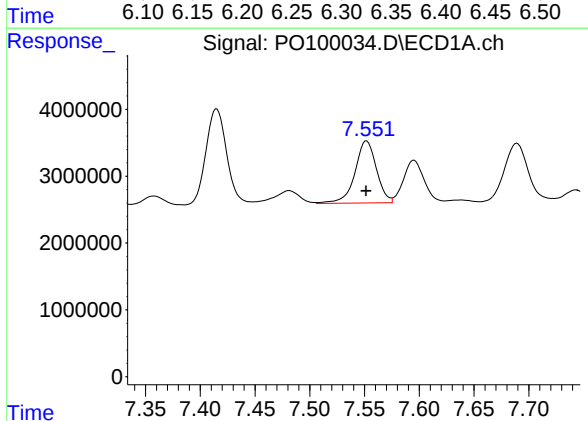
R.T.: 7.292 min
Delta R.T.: 0.000 min
Response: 12310323
Conc: 231.20 ng/ml

Instrument :
ECD_O
ClientSampleId :



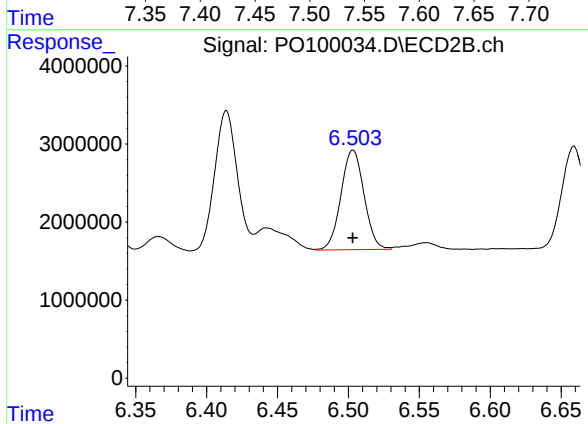
#31 AR-1260-1

R.T.: 6.315 min
Delta R.T.: 0.000 min
Response: 17361829
Conc: 300.46 ng/ml



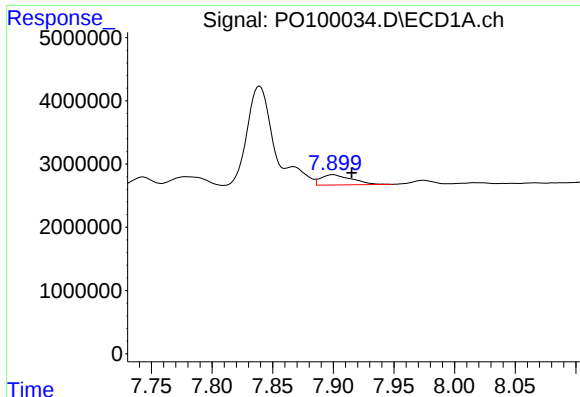
#32 AR-1260-2

R.T.: 7.552 min
Delta R.T.: 0.000 min
Response: 12700474
Conc: 240.10 ng/ml



#32 AR-1260-2

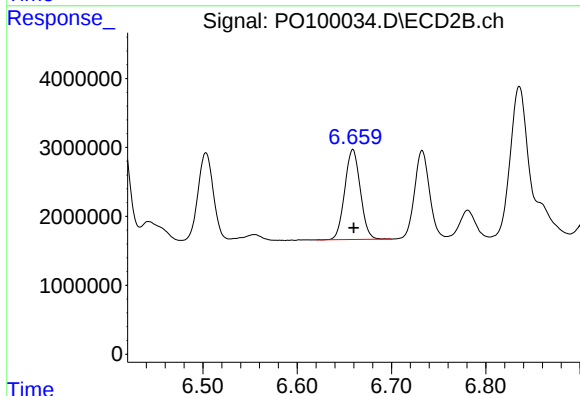
R.T.: 6.503 min
Delta R.T.: 0.000 min
Response: 14464562
Conc: 217.78 ng/ml



#33 AR-1260-3

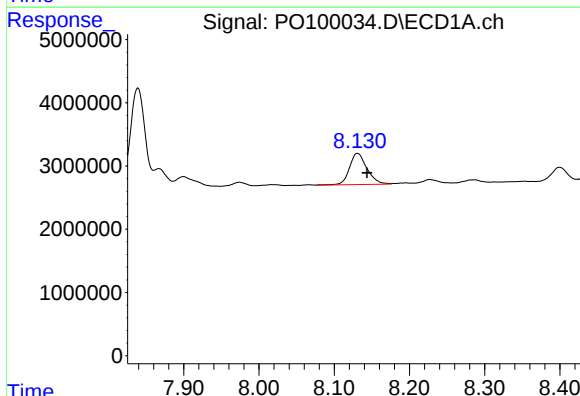
R.T.: 7.900 min
Delta R.T.: -0.015 min
Response: 2923090
Conc: 81.95 ng/ml

Instrument :
ECD_O
ClientSampleId :



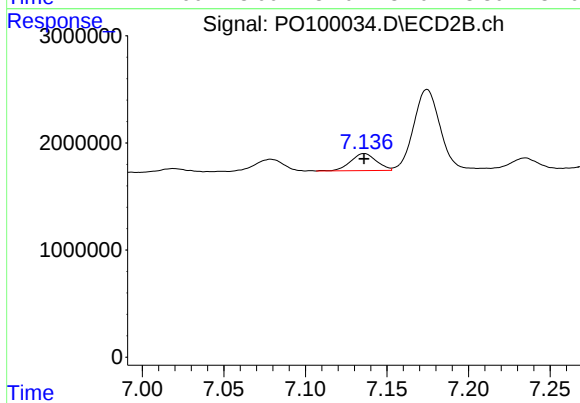
#33 AR-1260-3

R.T.: 6.659 min
Delta R.T.: 0.000 min
Response: 14970868
Conc: 233.97 ng/ml



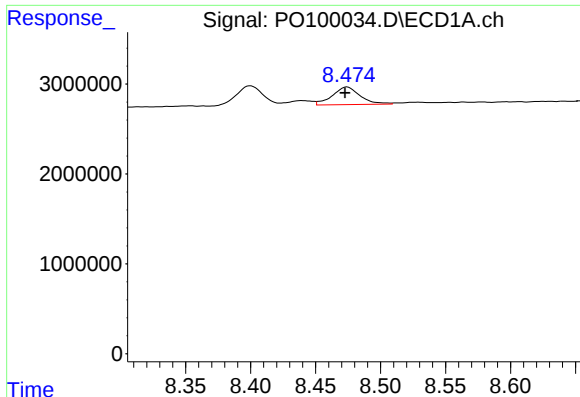
#34 AR-1260-4

R.T.: 8.131 min
Delta R.T.: -0.012 min
Response: 7965754
Conc: 192.46 ng/ml



#34 AR-1260-4

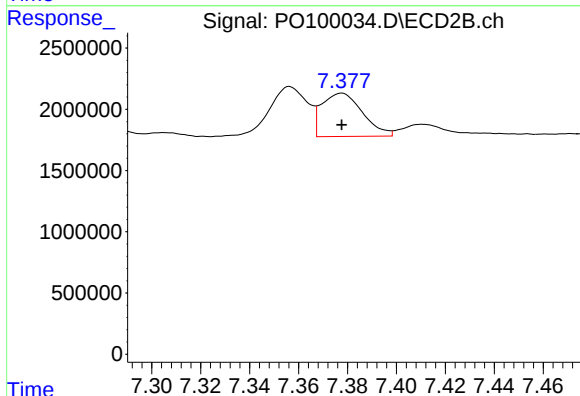
R.T.: 7.136 min
Delta R.T.: 0.000 min
Response: 1753253
Conc: 34.77 ng/ml



#35 AR-1260-5

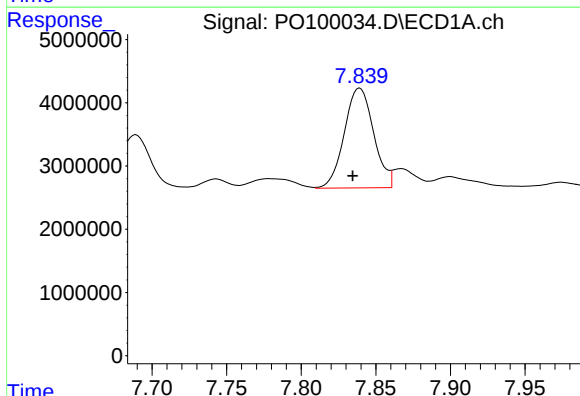
R.T.: 8.474 min
Delta R.T.: 0.002 min
Response: 2948389
Conc: 44.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



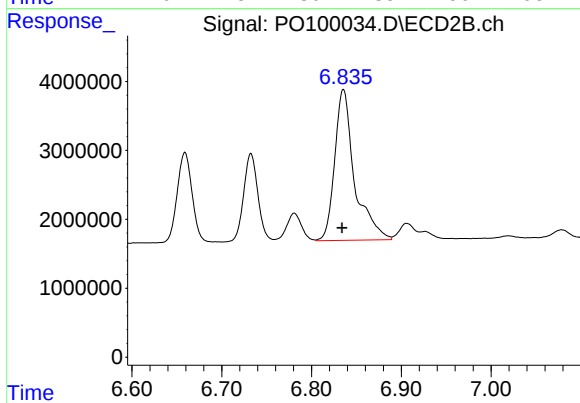
#35 AR-1260-5

R.T.: 7.378 min
Delta R.T.: 0.000 min
Response: 4091223
Conc: 36.50 ng/ml



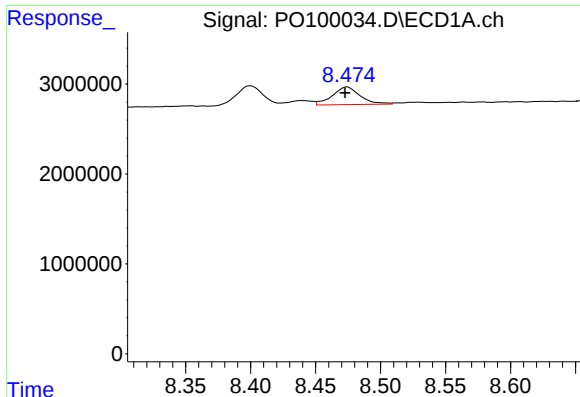
#36 AR-1262-1

R.T.: 7.839 min
Delta R.T.: 0.005 min
Response: 21563045
Conc: 596.13 ng/ml



#36 AR-1262-1

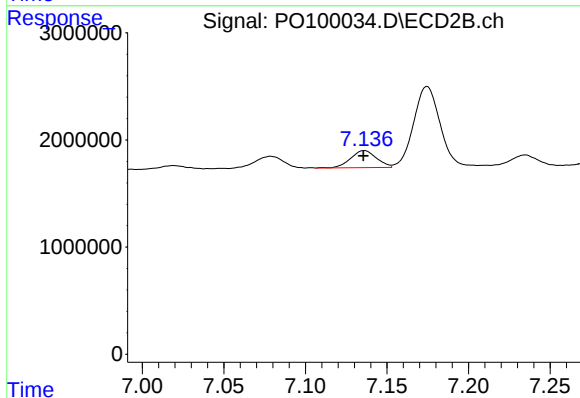
R.T.: 6.836 min
Delta R.T.: 0.002 min
Response: 33601404
Conc: 879.13 ng/ml



#37 AR-1262-2

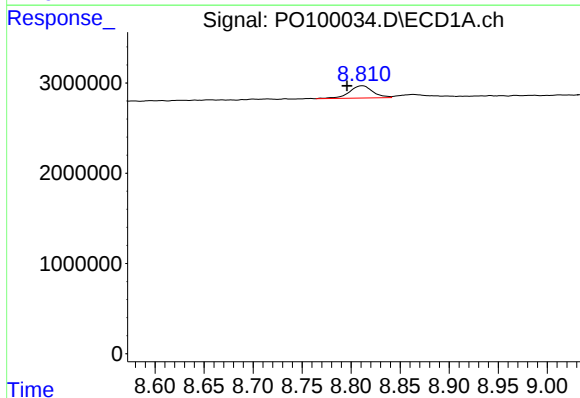
R.T.: 8.474 min
Delta R.T.: 0.002 min
Response: 2948389
Conc: 34.73 ng/ml

Instrument :
ECD_O
ClientSampleId :



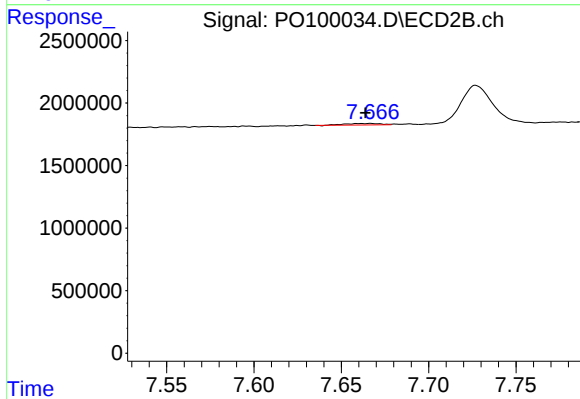
#37 AR-1262-2

R.T.: 7.136 min
Delta R.T.: 0.000 min
Response: 1753253
Conc: 23.24 ng/ml



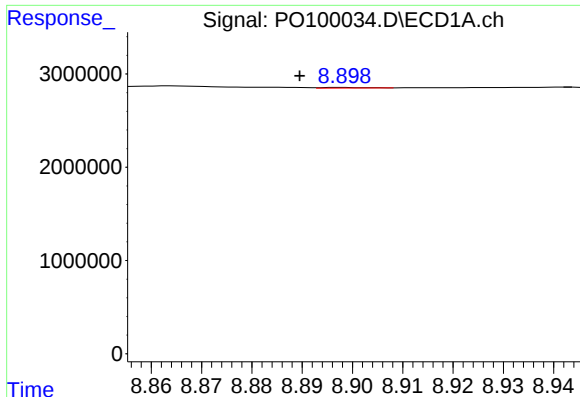
#38 AR-1262-3

R.T.: 8.811 min
Delta R.T.: 0.016 min
Response: 2272795
Conc: 37.73 ng/ml



#38 AR-1262-3

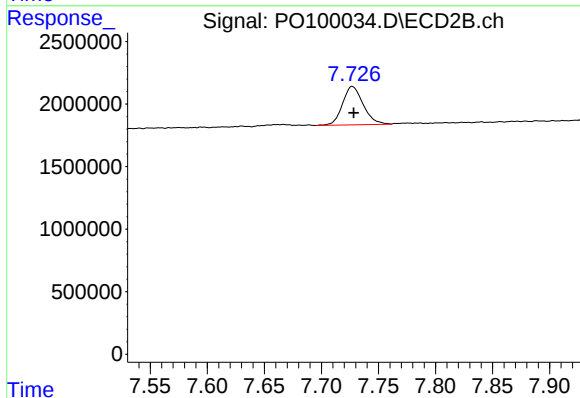
R.T.: 7.667 min
Delta R.T.: 0.003 min
Response: 169118
Conc: 2.90 ng/ml



#39 AR-1262-4

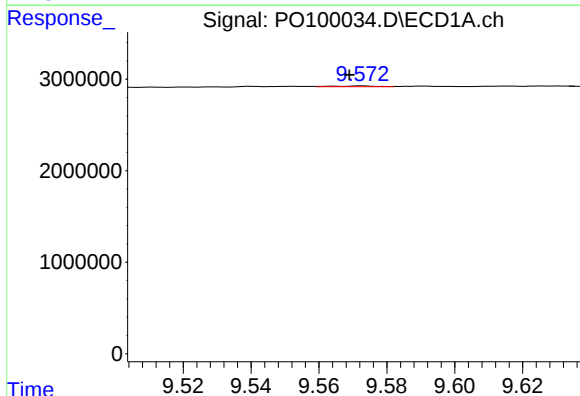
R.T.: 8.898 min
Delta R.T.: 0.008 min
Response: 43931
Conc: 0.91 ng/ml

Instrument :
ECD_O
ClientSampleId :



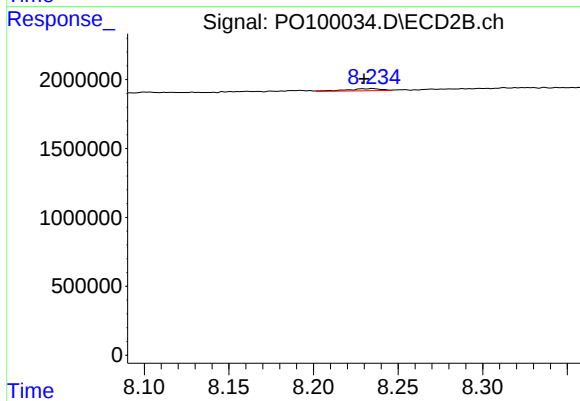
#39 AR-1262-4

R.T.: 7.727 min
Delta R.T.: -0.001 min
Response: 3870621
Conc: 37.66 ng/ml



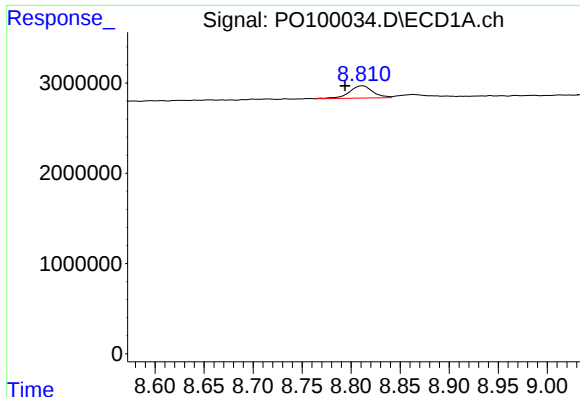
#40 AR-1262-5

R.T.: 9.573 min
Delta R.T.: 0.004 min
Response: 77282
Conc: 2.96 ng/ml



#40 AR-1262-5

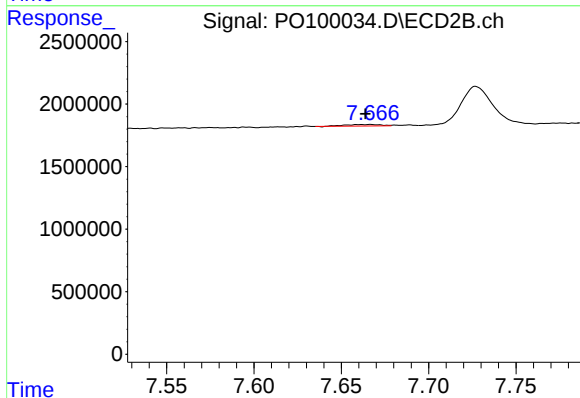
R.T.: 8.235 min
Delta R.T.: 0.005 min
Response: 229747
Conc: 5.27 ng/ml



#41 AR-1268-1

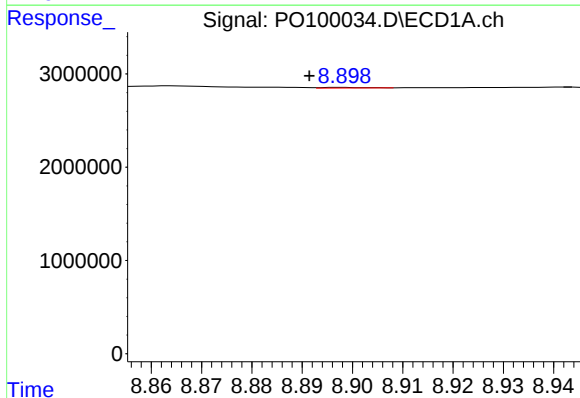
R.T.: 8.811 min
Delta R.T.: 0.018 min
Response: 2272795
Conc: 20.59 ng/ml

Instrument :
ECD_O
ClientSampleId :



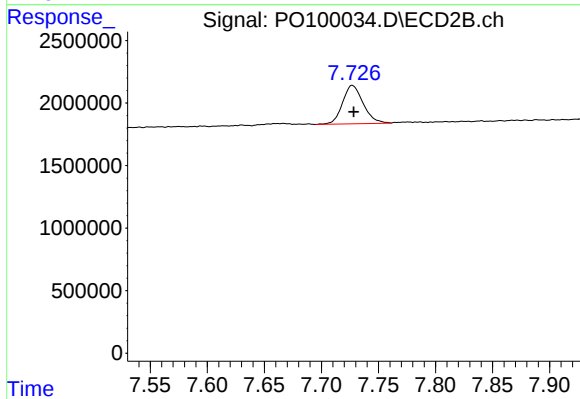
#41 AR-1268-1

R.T.: 7.667 min
Delta R.T.: 0.003 min
Response: 169118
Conc: 1.02 ng/ml



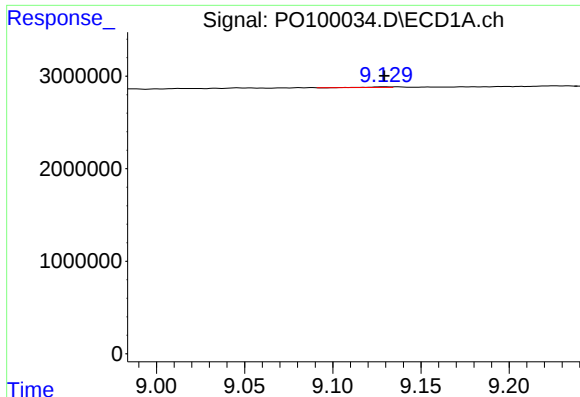
#42 AR-1268-2

R.T.: 8.898 min
Delta R.T.: 0.006 min
Response: 43931
Conc: 0.46 ng/ml



#42 AR-1268-2

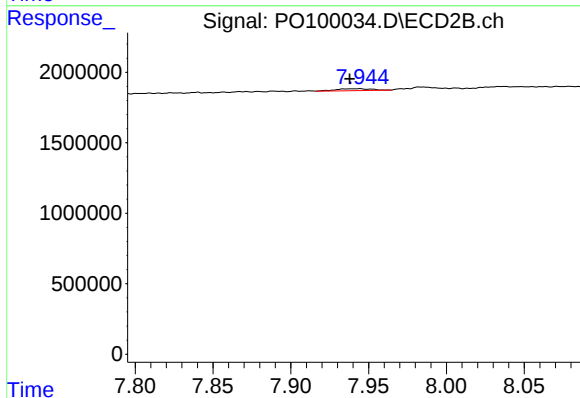
R.T.: 7.727 min
Delta R.T.: -0.001 min
Response: 3870621
Conc: 25.36 ng/ml



#43 AR-1268-3

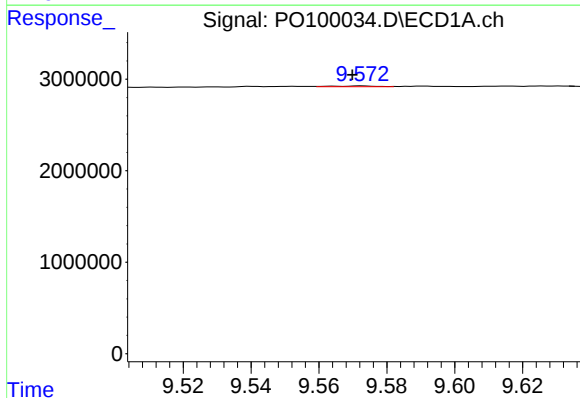
R.T.: 9.130 min
Delta R.T.: 0.000 min
Response: 51900
Conc: 0.58 ng/ml

Instrument :
ECD_O
ClientSampleId :



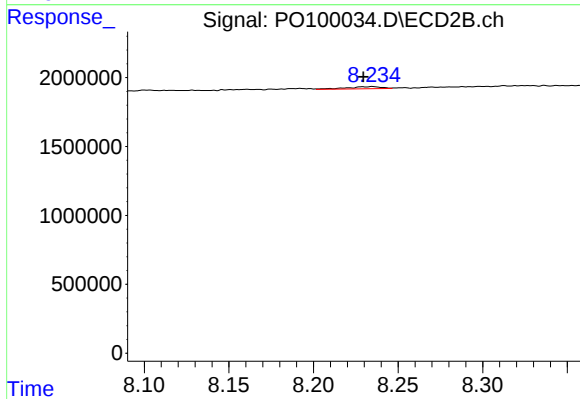
#43 AR-1268-3

R.T.: 7.944 min
Delta R.T.: 0.006 min
Response: 222297
Conc: 1.55 ng/ml



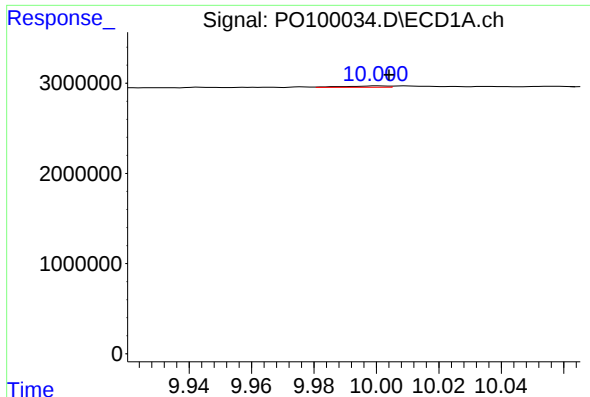
#44 AR-1268-4

R.T.: 9.573 min
Delta R.T.: 0.003 min
Response: 77282
Conc: 2.72 ng/ml



#44 AR-1268-4

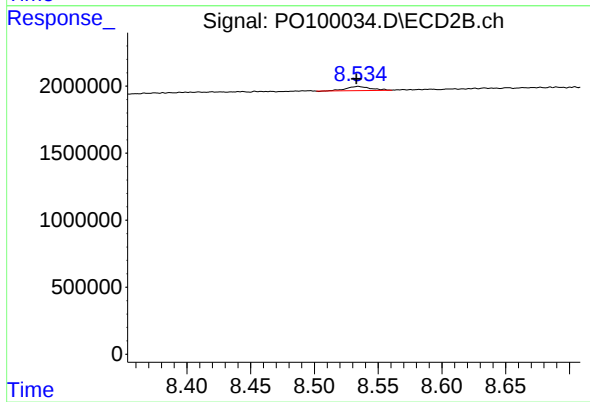
R.T.: 8.235 min
Delta R.T.: 0.006 min
Response: 229747
Conc: 4.89 ng/ml



#45 AR-1268-5

R.T.: 10.001 min
Delta R.T.: -0.003 min
Response: 151463
Conc: 0.60 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.534 min
Delta R.T.: 0.002 min
Response: 404297
Conc: 1.02 ng/ml