

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_0\Data\PO100223\
 Data File : PO098454.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Oct 2023 14:10
 Operator : YP/AJ
 Sample : AR1254CCC500
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_0
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 02 14:24:04 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_0\methods\PO092723.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Sep 28 01:18:56 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...	4.486	3.639	90882871	36817882	47.330	47.271
2)	SA Decachlor...	10.301	8.650	61650243	27536451	50.788	51.396
Target Compounds							
3)	L1 AR-1016-1	5.660	4.723	969876	450966	17.946	18.894
4)	L1 AR-1016-2	5.684	4.741	1201751	353815	14.802	10.391 #
5)	L1 AR-1016-3	5.746	4.920	442447	153529	8.843	8.535
6)	L1 AR-1016-4	5.843	4.959	467070	8117207	11.945	541.461 #
7)	L1 AR-1016-5	6.140	5.172	10401828	4805092	252.957	247.425
8)	L2 AR-1221-1	4.687	3.843	101398	51514	4.503	5.607
9)	L2 AR-1221-2	4.793	3.939	1425509	547626	84.485	82.356
10)	L2 AR-1221-3	4.859	4.015	256889	235648	5.252	11.682 #
11)	L3 AR-1232-1	4.859	4.015	256889	235648	6.289	14.020 #
12)	L3 AR-1232-2	5.390	4.741	413517	353815	19.120	23.546
13)	L3 AR-1232-3	5.684	4.920	1201751	153529	33.806	19.616 #
14)	L3 AR-1232-4	5.843	4.999	467070	2528401	27.512	336.263 #
15)	L3 AR-1232-5	5.935	5.172	18479822	4805092	1297.941	593.975 #
16)	L4 AR-1242-1	5.660	4.723	969876	450966	21.299	21.540
17)	L4 AR-1242-2	5.684	4.741	1201751	353815	17.546	12.168 #
18)	L4 AR-1242-3	5.746	4.920	442447	153529	10.448	9.824
19)	L4 AR-1242-4	5.843	4.999	467070	2528401	14.235	152.659 #
20)	L4 AR-1242-5	6.587	5.525	10193720	17954452	287.785	967.453 #
21)	L5 AR-1248-1	5.660	4.723	969876	450966	28.658	28.777
22)	L5 AR-1248-2	5.935	4.959	18479822	8117207	356.830	368.852
23)	L5 AR-1248-3	6.140	4.999	10401828	2528401	184.060	107.684 #
24)	L5 AR-1248-4	6.545	5.172	14161500	4805092	249.813	180.139 #
25)	L5 AR-1248-5	6.587	5.566	10193720	2205984	172.343	93.487 #
26)	L6 AR-1254-1	6.519	5.525	30234688	17954452	478.672	468.247
27)	L6 AR-1254-2	6.739	5.673	45101072	15827040	469.962	459.717
28)	L6 AR-1254-3	7.106	6.077	45188410	24081279	480.255	463.442
29)	L6 AR-1254-4	7.393	6.306	29465617	13275580	506.070	483.657
30)	L6 AR-1254-5	7.813	6.725	34638704	20855403	495.938	481.449
31)	L7 AR-1260-1	7.270	6.207	18684092	11987599	256.950	326.722 #
32)	L7 AR-1260-2	7.527	6.396	20568640	9374228	249.799	223.406
33)	L7 AR-1260-3	7.874	6.548	6007408	9951513	97.109	248.682 #
34)	L7 AR-1260-4	8.102	7.022	14612980	1085384	216.769	33.704 #
35)	L7 AR-1260-5	8.441	7.265	5612824	2543537	43.202	36.305
36)	L8 AR-1262-1	7.874	6.794	6007408	1671154	69.074	36.921 #
37)	L8 AR-1262-2	8.441	7.022	5612824	1085384	39.792	26.917 #
38)	L8 AR-1262-3	8.776	7.546	3604695	443278	36.510	14.279 #
39)	L8 AR-1262-4	8.850	7.610	94507	2490117	1.231	45.966 #
40)	L8 AR-1262-5	9.532	8.107	227014	108230	4.680	4.383
41)	L9 AR-1268-1	8.776	7.546	3604695	443278	20.759	4.851 #

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 Operator : YP/AJ
 Sample : AR1254CCC500
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

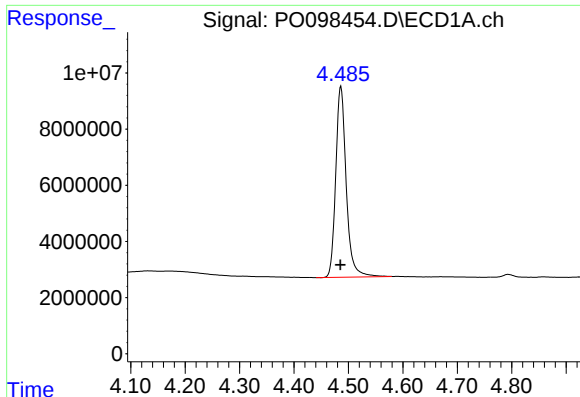
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 02 14:24:04 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO092723.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	8.859	7.610	97950	2490117	0.628	32.115 #
43) L9	AR-1268-3	9.095	7.775f	51879	58075	0.379	0.876 #
44) L9	AR-1268-4	9.532	8.107	227014	108230	4.262	3.998
45) L9	AR-1268-5	9.963	8.398	890253	210009	2.027	1.061 #

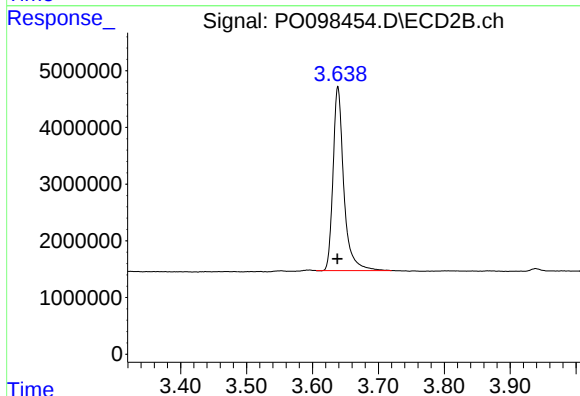
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

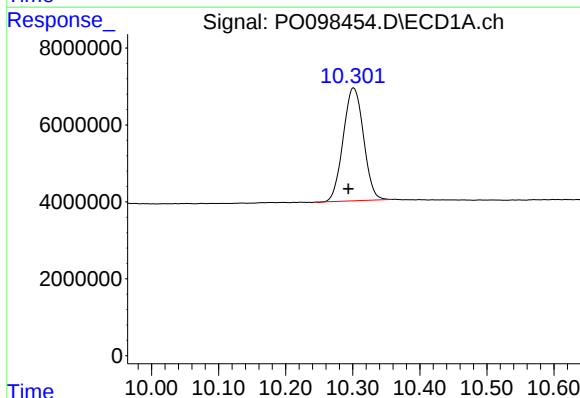
R.T.: 4.486 min
Delta R.T.: 0.001 min
Response: 90882871
Conc: 47.33 ng/ml

Instrument :
ECD_O
ClientSampleId :



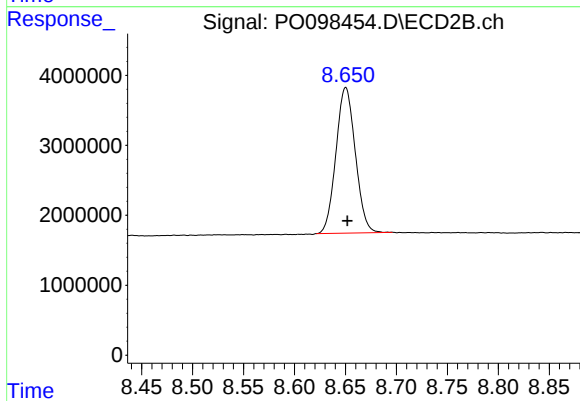
#1 Tetrachloro-m-xylene

R.T.: 3.639 min
Delta R.T.: 0.000 min
Response: 36817882
Conc: 47.27 ng/ml



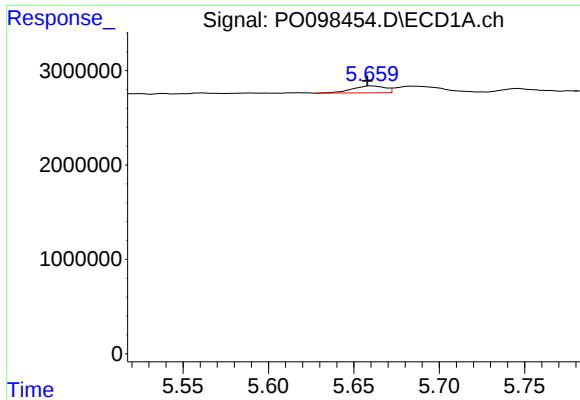
#2 Decachlorobiphenyl

R.T.: 10.301 min
Delta R.T.: 0.008 min
Response: 61650243
Conc: 50.79 ng/ml



#2 Decachlorobiphenyl

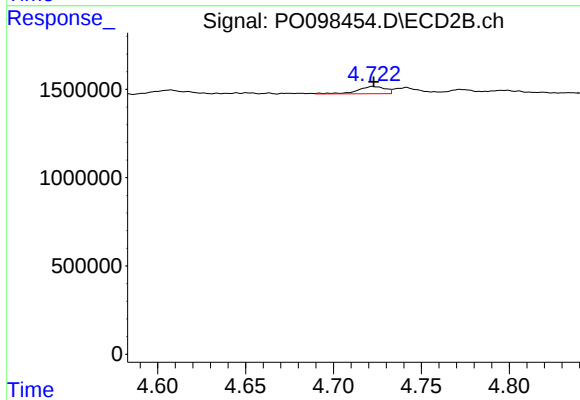
R.T.: 8.650 min
Delta R.T.: -0.002 min
Response: 27536451
Conc: 51.40 ng/ml



#3 AR-1016-1

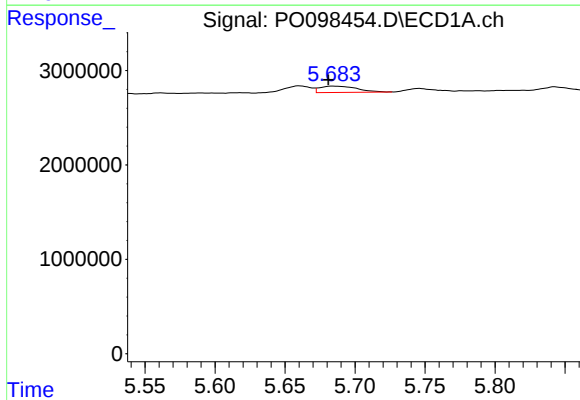
R.T.: 5.660 min
Delta R.T.: 0.002 min
Response: 969876
Conc: 17.95 ng/ml

Instrument :
ECD_O
ClientSampleId :



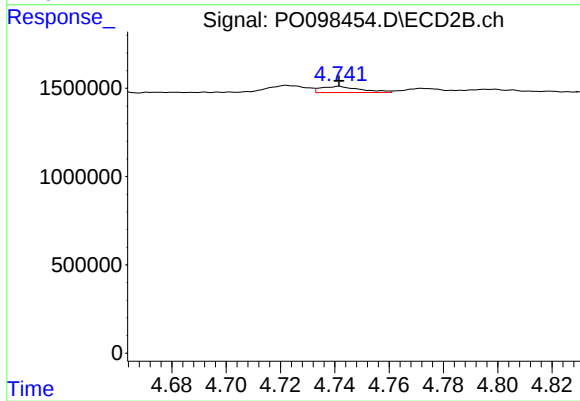
#3 AR-1016-1

R.T.: 4.723 min
Delta R.T.: 0.000 min
Response: 450966
Conc: 18.89 ng/ml



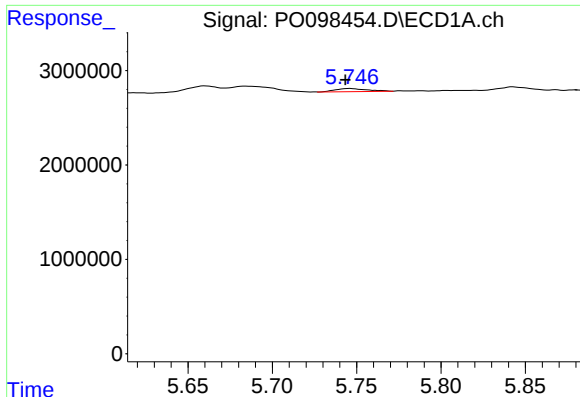
#4 AR-1016-2

R.T.: 5.684 min
Delta R.T.: 0.003 min
Response: 1201751
Conc: 14.80 ng/ml



#4 AR-1016-2

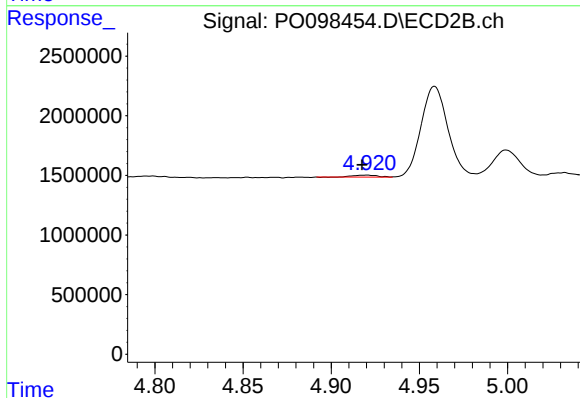
R.T.: 4.741 min
Delta R.T.: 0.000 min
Response: 353815
Conc: 10.39 ng/ml



#5 AR-1016-3

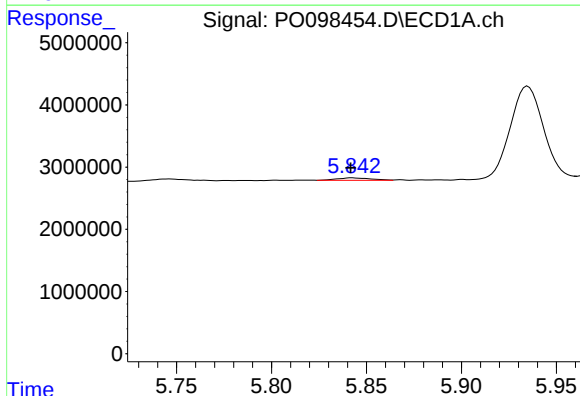
R.T.: 5.746 min
Delta R.T.: 0.003 min
Response: 442447
Conc: 8.84 ng/ml

Instrument :
ECD_O
ClientSampleId :



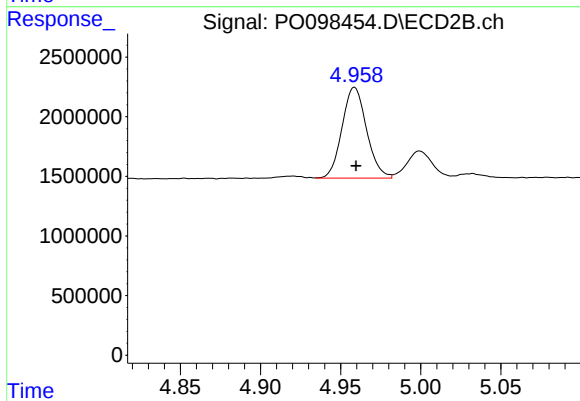
#5 AR-1016-3

R.T.: 4.920 min
Delta R.T.: 0.002 min
Response: 153529
Conc: 8.53 ng/ml



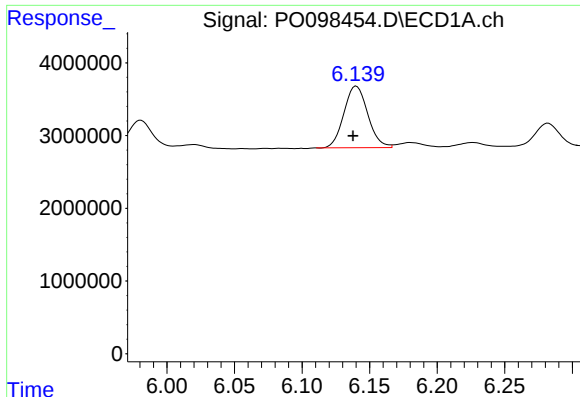
#6 AR-1016-4

R.T.: 5.843 min
Delta R.T.: 0.000 min
Response: 467070
Conc: 11.95 ng/ml



#6 AR-1016-4

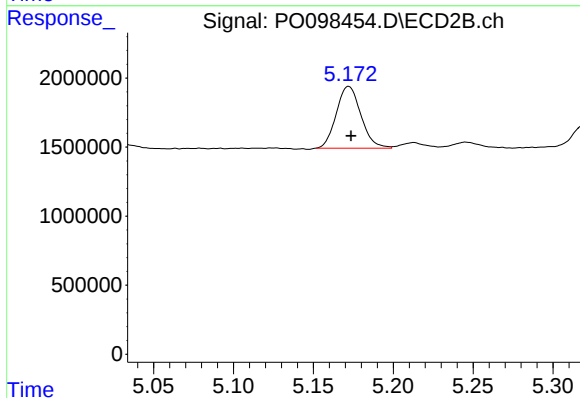
R.T.: 4.959 min
Delta R.T.: 0.000 min
Response: 8117207
Conc: 541.46 ng/ml



#7 AR-1016-5

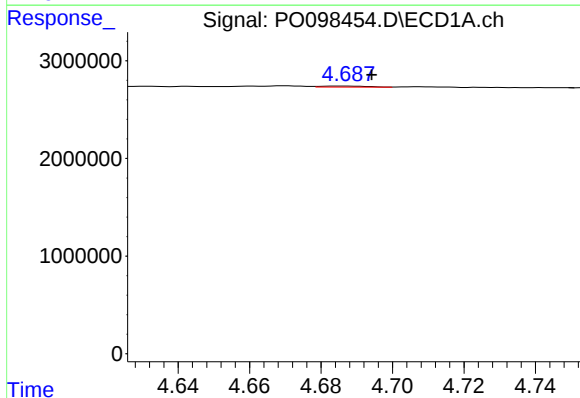
R.T.: 6.140 min
Delta R.T.: 0.002 min
Response: 10401828
Conc: 252.96 ng/ml

Instrument :
ECD_O
ClientSampleId :



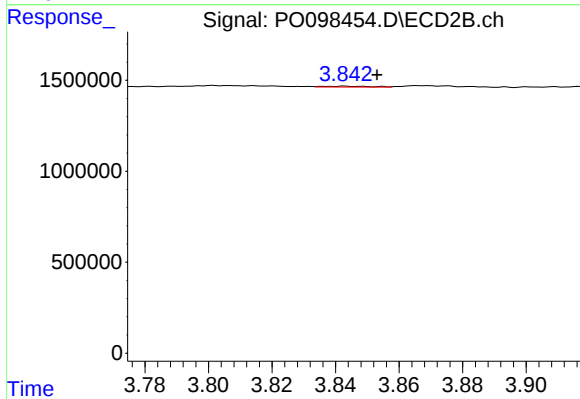
#7 AR-1016-5

R.T.: 5.172 min
Delta R.T.: -0.001 min
Response: 4805092
Conc: 247.42 ng/ml



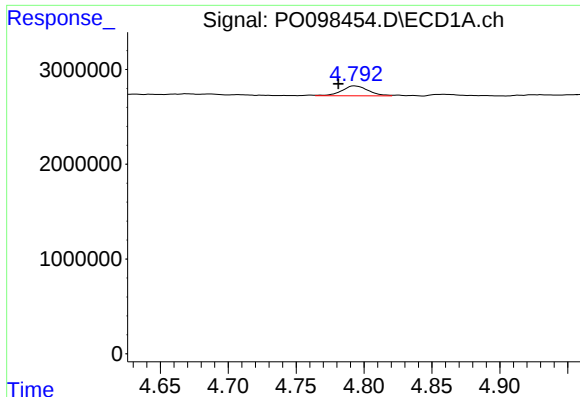
#8 AR-1221-1

R.T.: 4.687 min
Delta R.T.: -0.008 min
Response: 101398
Conc: 4.50 ng/ml



#8 AR-1221-1

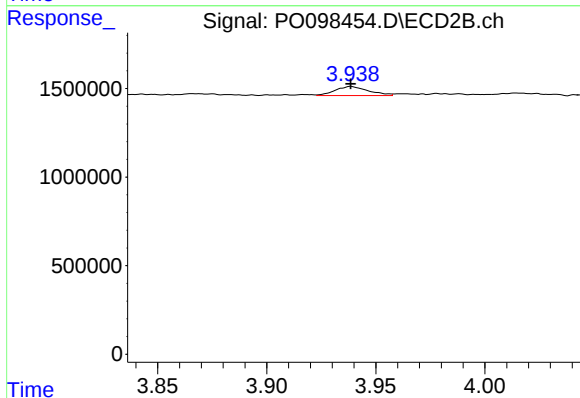
R.T.: 3.843 min
Delta R.T.: -0.010 min
Response: 51514
Conc: 5.61 ng/ml



#9 AR-1221-2

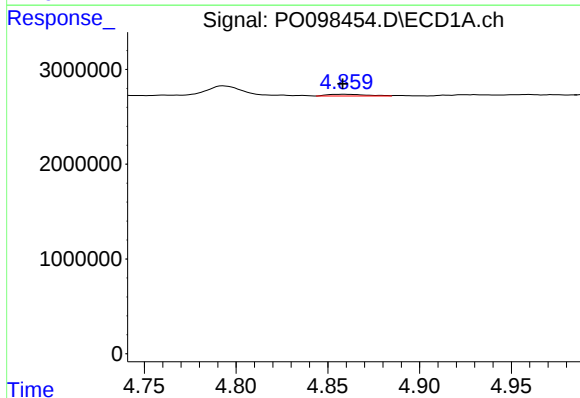
R.T.: 4.793 min
Delta R.T.: 0.012 min
Response: 1425509
Conc: 84.48 ng/ml

Instrument :
ECD_O
ClientSampleId :



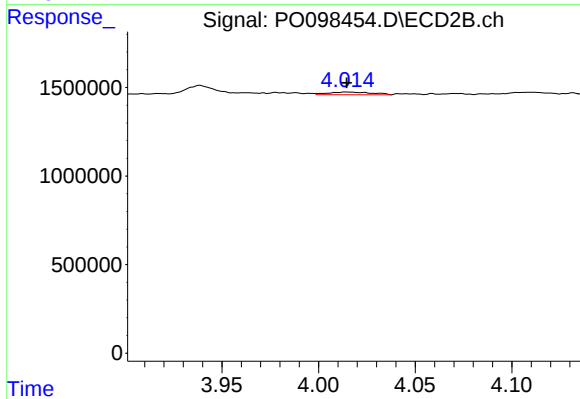
#9 AR-1221-2

R.T.: 3.939 min
Delta R.T.: 0.000 min
Response: 547626
Conc: 82.36 ng/ml



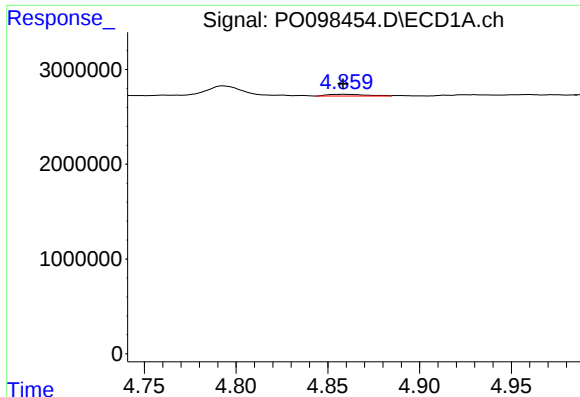
#10 AR-1221-3

R.T.: 4.859 min
Delta R.T.: 0.001 min
Response: 256889
Conc: 5.25 ng/ml



#10 AR-1221-3

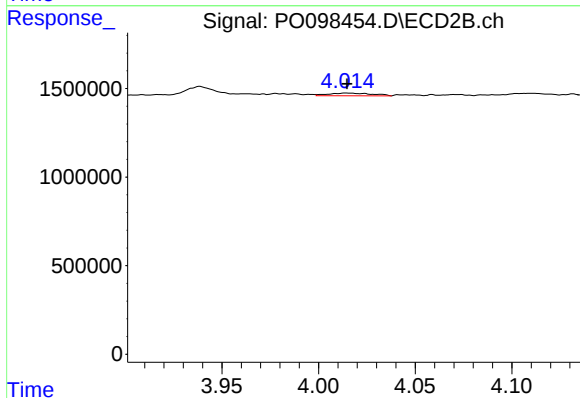
R.T.: 4.015 min
Delta R.T.: 0.000 min
Response: 235648
Conc: 11.68 ng/ml



#11 AR-1232-1

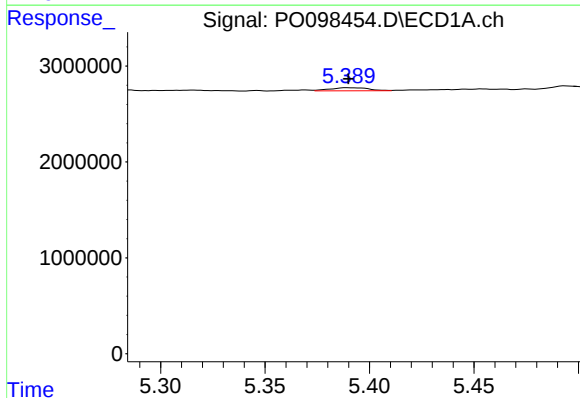
R.T.: 4.859 min
Delta R.T.: 0.000 min
Response: 256889
Conc: 6.29 ng/ml

Instrument :
ECD_O
ClientSampleId :



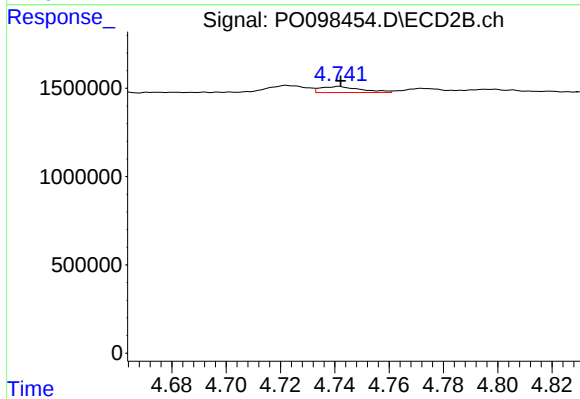
#11 AR-1232-1

R.T.: 4.015 min
Delta R.T.: 0.000 min
Response: 235648
Conc: 14.02 ng/ml



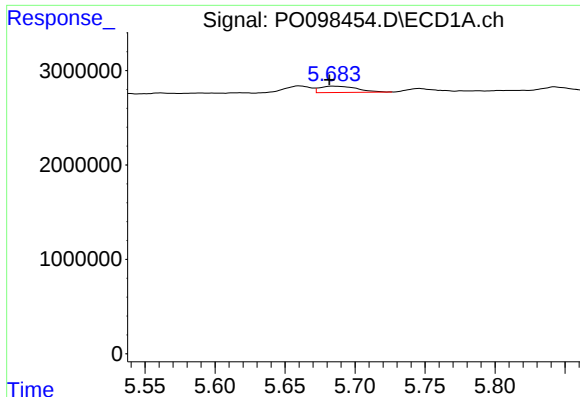
#12 AR-1232-2

R.T.: 5.390 min
Delta R.T.: 0.000 min
Response: 413517
Conc: 19.12 ng/ml



#12 AR-1232-2

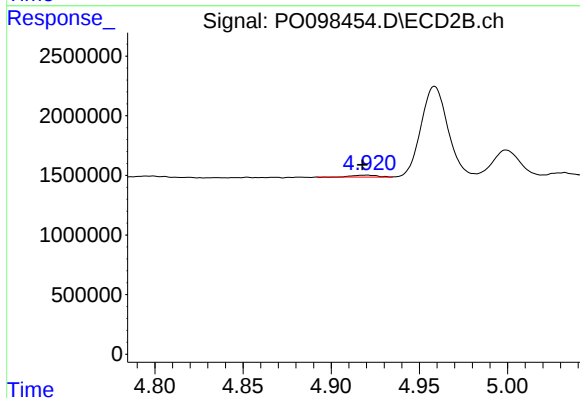
R.T.: 4.741 min
Delta R.T.: 0.000 min
Response: 353815
Conc: 23.55 ng/ml



#13 AR-1232-3

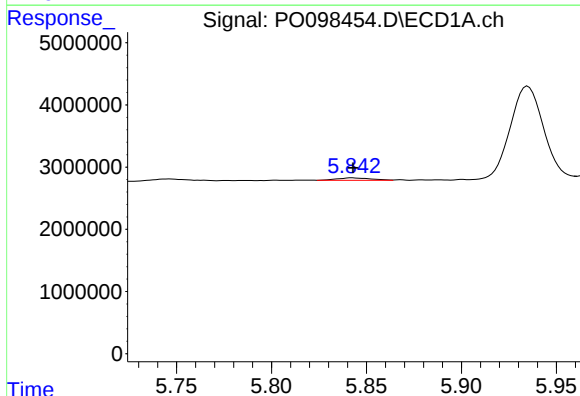
R.T.: 5.684 min
Delta R.T.: 0.003 min
Response: 1201751
Conc: 33.81 ng/ml

Instrument :
ECD_O
ClientSampleId :



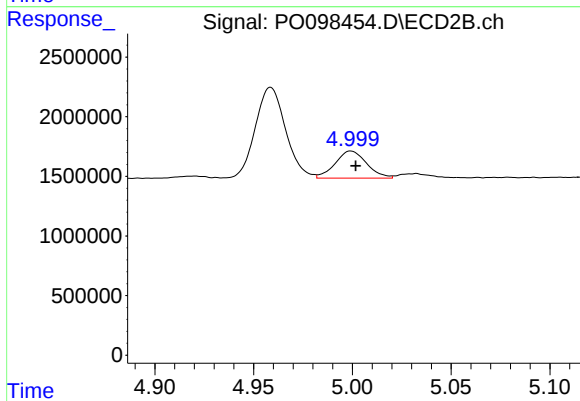
#13 AR-1232-3

R.T.: 4.920 min
Delta R.T.: 0.002 min
Response: 153529
Conc: 19.62 ng/ml



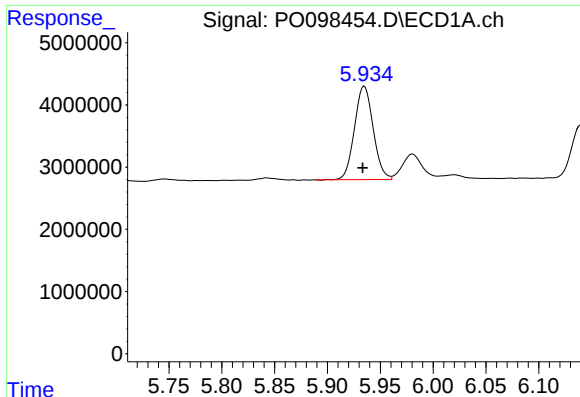
#14 AR-1232-4

R.T.: 5.843 min
Delta R.T.: 0.000 min
Response: 467070
Conc: 27.51 ng/ml



#14 AR-1232-4

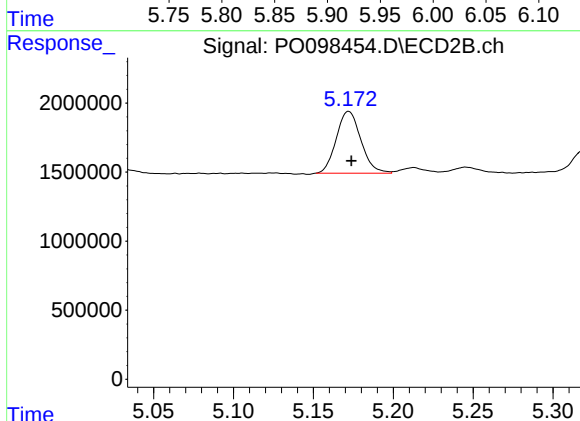
R.T.: 4.999 min
Delta R.T.: -0.002 min
Response: 2528401
Conc: 336.26 ng/ml



#15 AR-1232-5

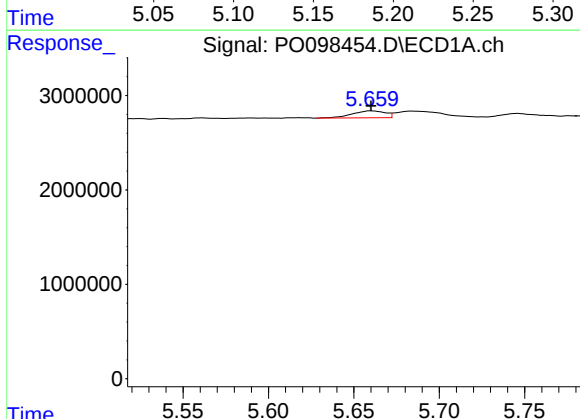
R.T.: 5.935 min
Delta R.T.: 0.001 min
Response: 18479822
Conc: 1297.94 ng/ml

Instrument :
ECD_O
ClientSampleId :



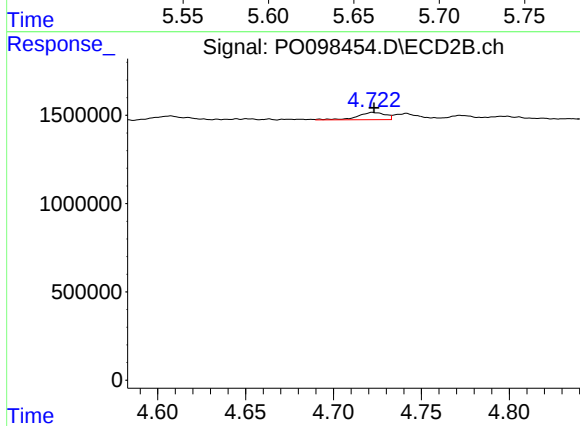
#15 AR-1232-5

R.T.: 5.172 min
Delta R.T.: -0.002 min
Response: 4805092
Conc: 593.97 ng/ml



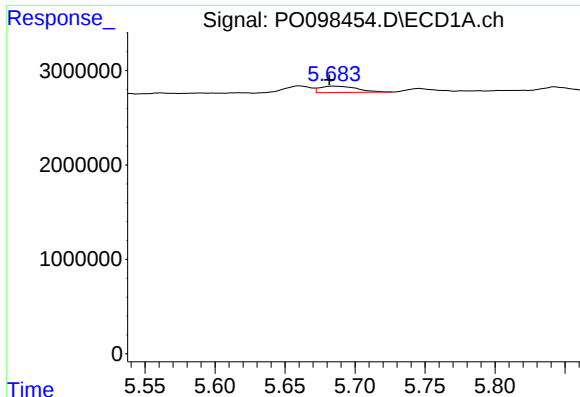
#16 AR-1242-1

R.T.: 5.660 min
Delta R.T.: 0.000 min
Response: 969876
Conc: 21.30 ng/ml



#16 AR-1242-1

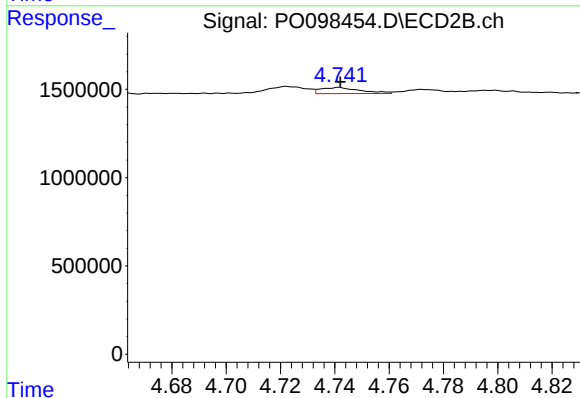
R.T.: 4.723 min
Delta R.T.: 0.000 min
Response: 450966
Conc: 21.54 ng/ml



#17 AR-1242-2

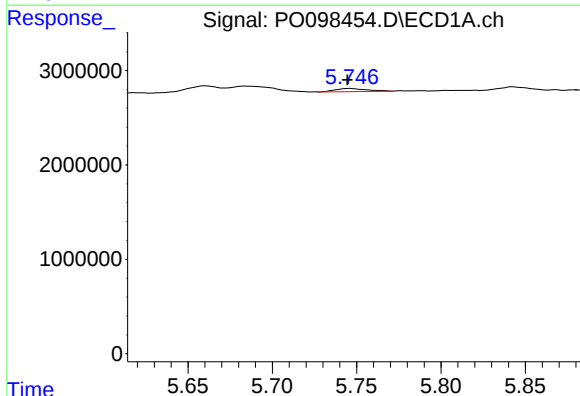
R.T.: 5.684 min
Delta R.T.: 0.002 min
Response: 1201751
Conc: 17.55 ng/ml

Instrument :
ECD_O
ClientSampleId :



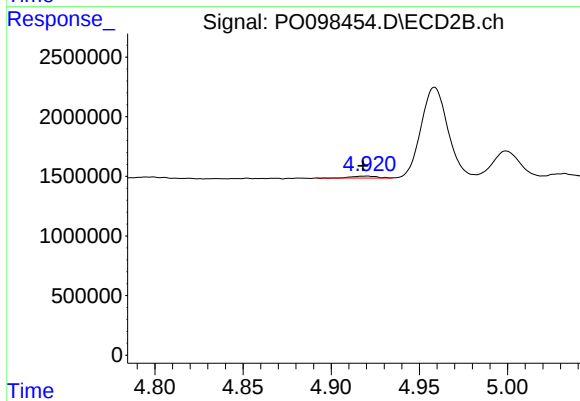
#17 AR-1242-2

R.T.: 4.741 min
Delta R.T.: 0.000 min
Response: 353815
Conc: 12.17 ng/ml



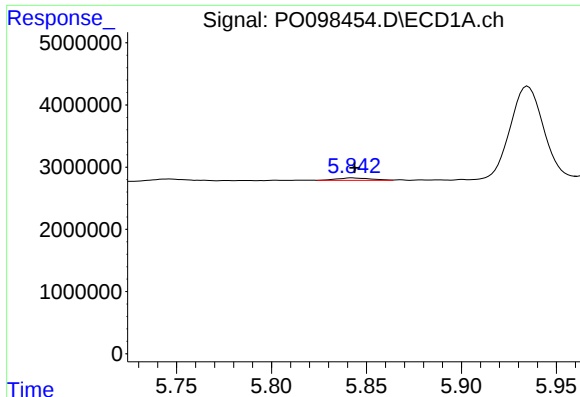
#18 AR-1242-3

R.T.: 5.746 min
Delta R.T.: 0.002 min
Response: 442447
Conc: 10.45 ng/ml



#18 AR-1242-3

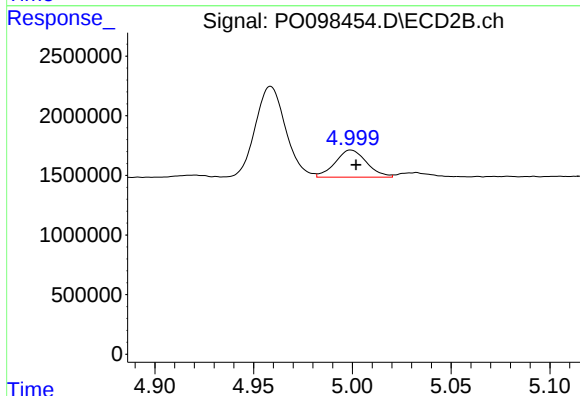
R.T.: 4.920 min
Delta R.T.: 0.002 min
Response: 153529
Conc: 9.82 ng/ml



#19 AR-1242-4

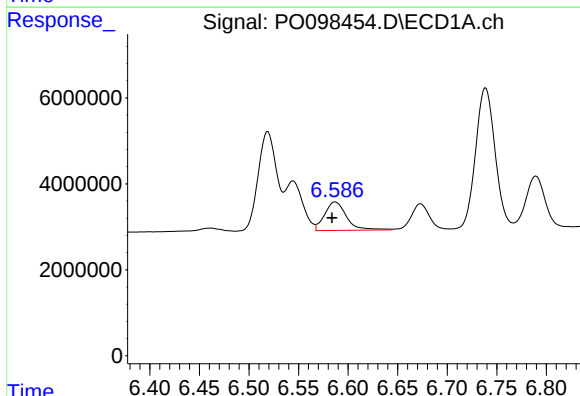
R.T.: 5.843 min
Delta R.T.: -0.001 min
Response: 467070
Conc: 14.24 ng/ml

Instrument :
ECD_O
ClientSampleId :



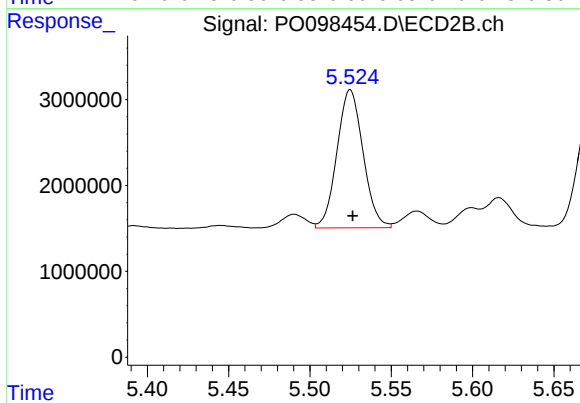
#19 AR-1242-4

R.T.: 4.999 min
Delta R.T.: -0.002 min
Response: 2528401
Conc: 152.66 ng/ml



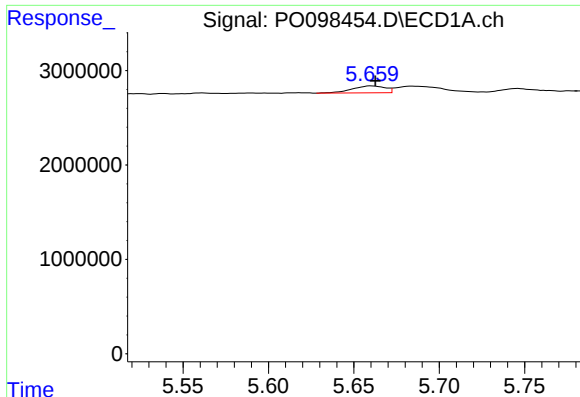
#20 AR-1242-5

R.T.: 6.587 min
Delta R.T.: 0.003 min
Response: 10193720
Conc: 287.79 ng/ml



#20 AR-1242-5

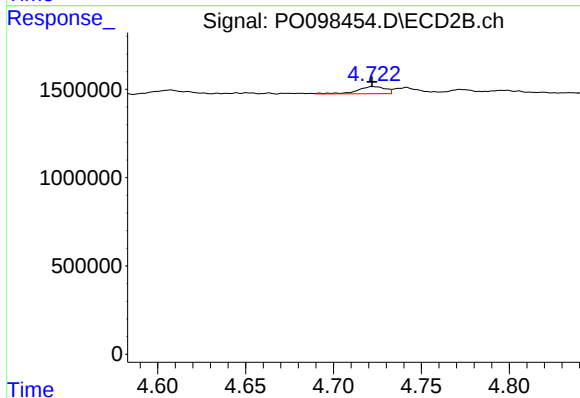
R.T.: 5.525 min
Delta R.T.: -0.001 min
Response: 17954452
Conc: 967.45 ng/ml



#21 AR-1248-1

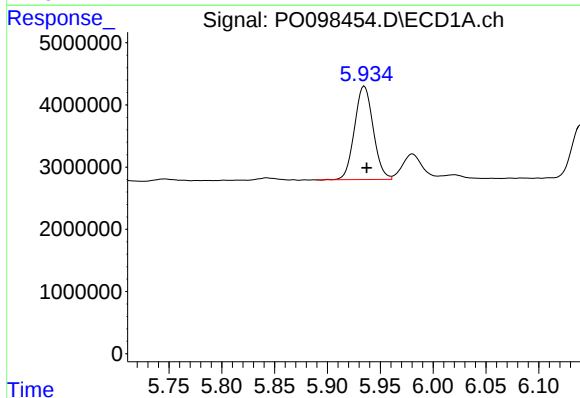
R.T.: 5.660 min
Delta R.T.: -0.002 min
Response: 969876
Conc: 28.66 ng/ml

Instrument :
ECD_O
ClientSampleId :



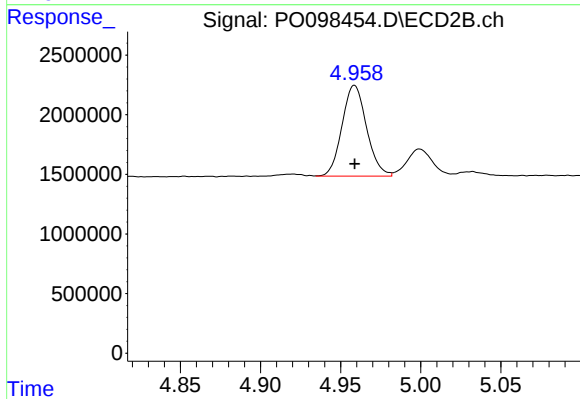
#21 AR-1248-1

R.T.: 4.723 min
Delta R.T.: 0.000 min
Response: 450966
Conc: 28.78 ng/ml



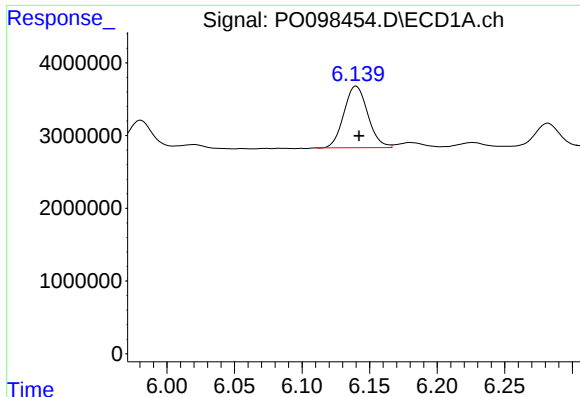
#22 AR-1248-2

R.T.: 5.935 min
Delta R.T.: -0.002 min
Response: 18479822
Conc: 356.83 ng/ml



#22 AR-1248-2

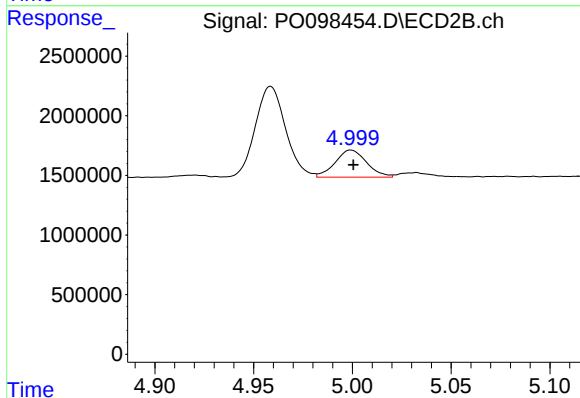
R.T.: 4.959 min
Delta R.T.: 0.000 min
Response: 8117207
Conc: 368.85 ng/ml



#23 AR-1248-3

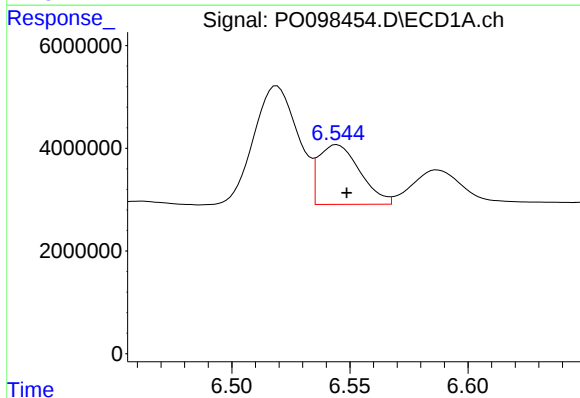
R.T.: 6.140 min
Delta R.T.: -0.002 min
Response: 10401828
Conc: 184.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



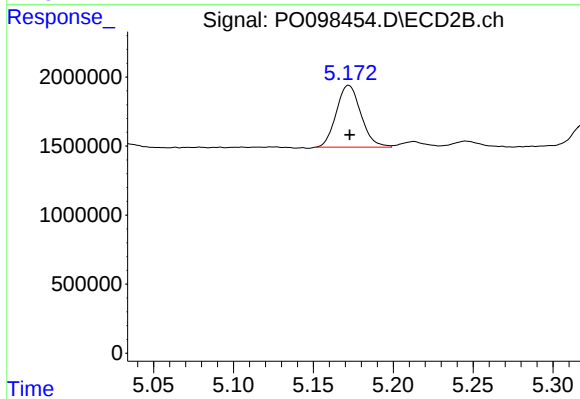
#23 AR-1248-3

R.T.: 4.999 min
Delta R.T.: -0.001 min
Response: 2528401
Conc: 107.68 ng/ml



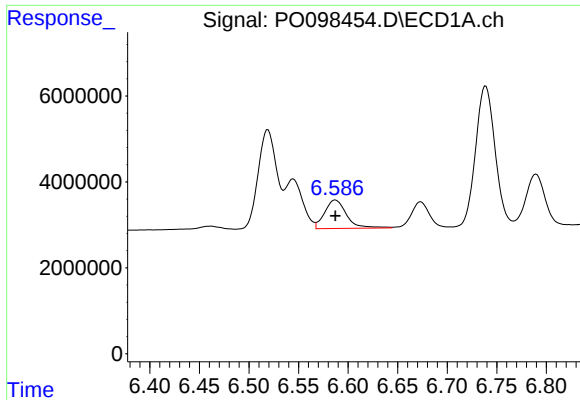
#24 AR-1248-4

R.T.: 6.545 min
Delta R.T.: -0.004 min
Response: 14161500
Conc: 249.81 ng/ml



#24 AR-1248-4

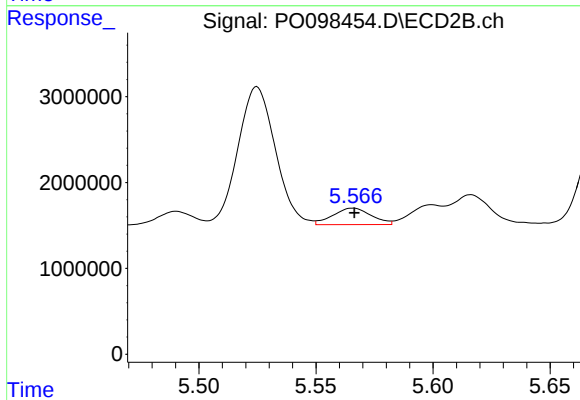
R.T.: 5.172 min
Delta R.T.: 0.000 min
Response: 4805092
Conc: 180.14 ng/ml



#25 AR-1248-5

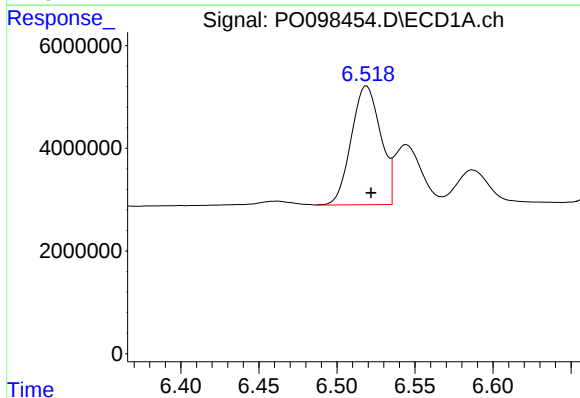
R.T.: 6.587 min
Delta R.T.: 0.000 min
Response: 10193720
Conc: 172.34 ng/ml

Instrument :
ECD_O
ClientSampleId :



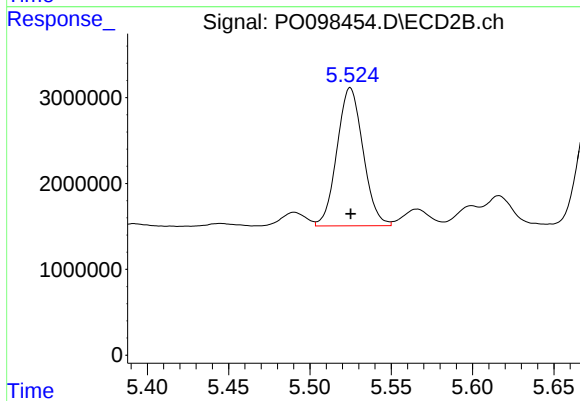
#25 AR-1248-5

R.T.: 5.566 min
Delta R.T.: 0.000 min
Response: 2205984
Conc: 93.49 ng/ml



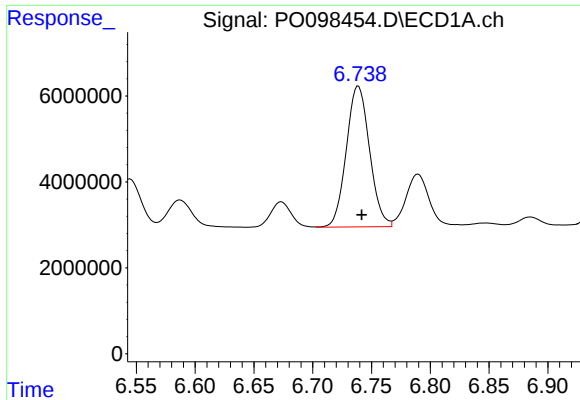
#26 AR-1254-1

R.T.: 6.519 min
Delta R.T.: -0.003 min
Response: 30234688
Conc: 478.67 ng/ml



#26 AR-1254-1

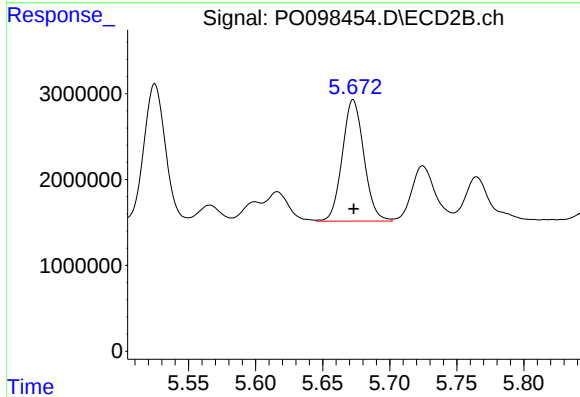
R.T.: 5.525 min
Delta R.T.: 0.000 min
Response: 17954452
Conc: 468.25 ng/ml



#27 AR-1254-2

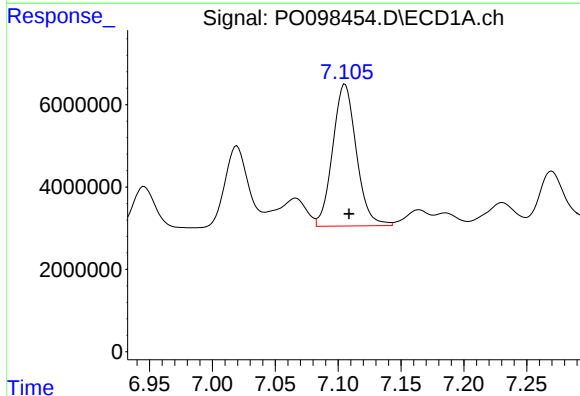
R.T.: 6.739 min
Delta R.T.: -0.003 min
Response: 45101072
Conc: 469.96 ng/ml

Instrument :
ECD_O
ClientSampleId :



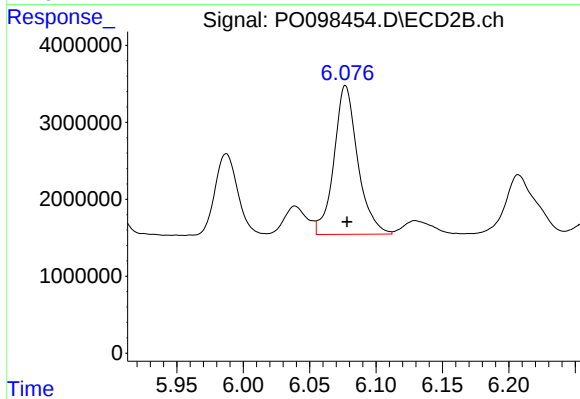
#27 AR-1254-2

R.T.: 5.673 min
Delta R.T.: 0.000 min
Response: 15827040
Conc: 459.72 ng/ml



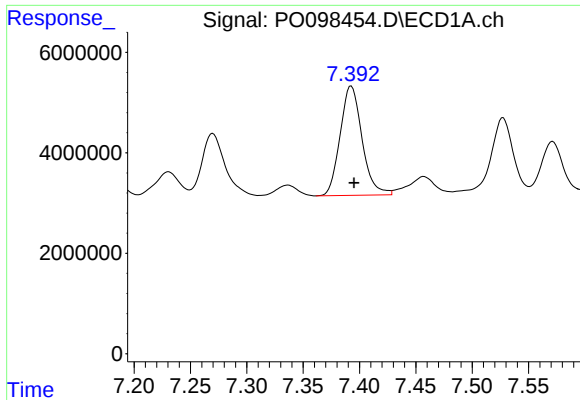
#28 AR-1254-3

R.T.: 7.106 min
Delta R.T.: -0.003 min
Response: 45188410
Conc: 480.25 ng/ml



#28 AR-1254-3

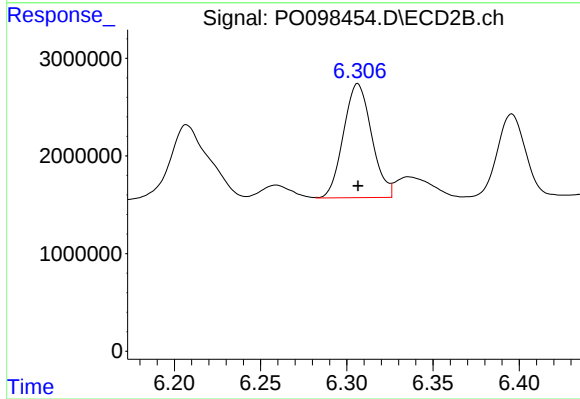
R.T.: 6.077 min
Delta R.T.: -0.001 min
Response: 24081279
Conc: 463.44 ng/ml



#29 AR-1254-4

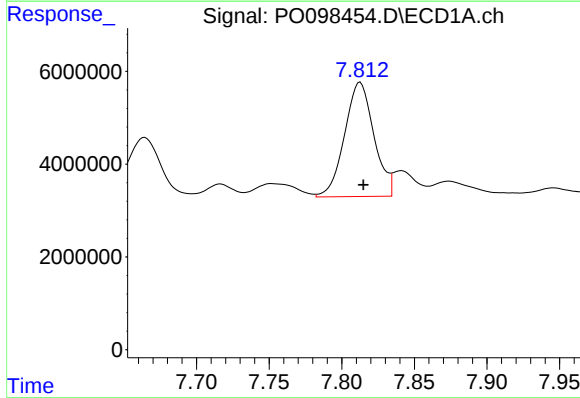
R.T.: 7.393 min
Delta R.T.: -0.003 min
Response: 29465617
Conc: 506.07 ng/ml

Instrument :
ECD_O
ClientSampleId :



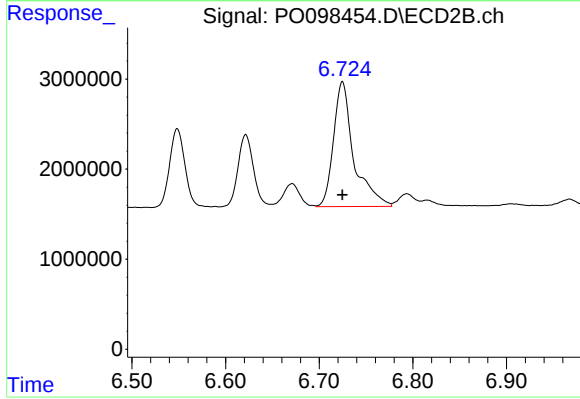
#29 AR-1254-4

R.T.: 6.306 min
Delta R.T.: 0.000 min
Response: 13275580
Conc: 483.66 ng/ml



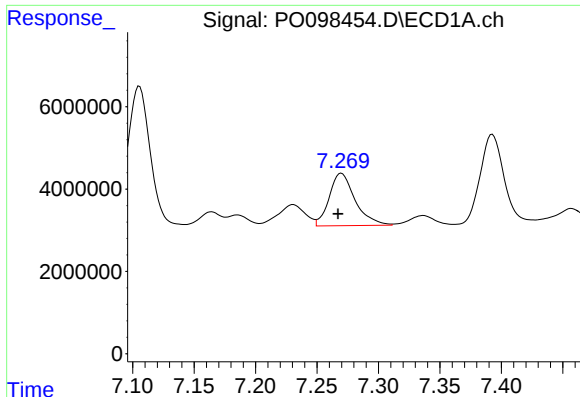
#30 AR-1254-5

R.T.: 7.813 min
Delta R.T.: -0.002 min
Response: 34638704
Conc: 495.94 ng/ml



#30 AR-1254-5

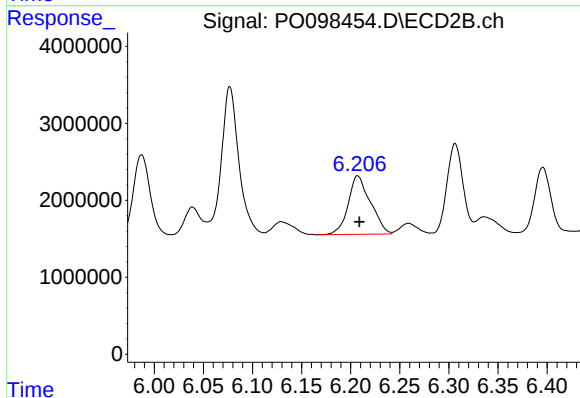
R.T.: 6.725 min
Delta R.T.: 0.000 min
Response: 20855403
Conc: 481.45 ng/ml



#31 AR-1260-1

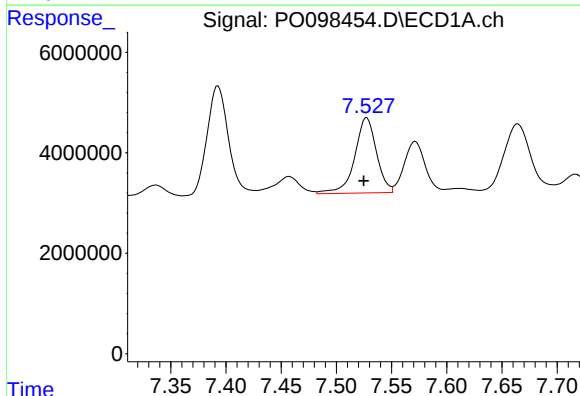
R.T.: 7.270 min
Delta R.T.: 0.003 min
Response: 18684092
Conc: 256.95 ng/ml

Instrument :
ECD_O
ClientSampleId :



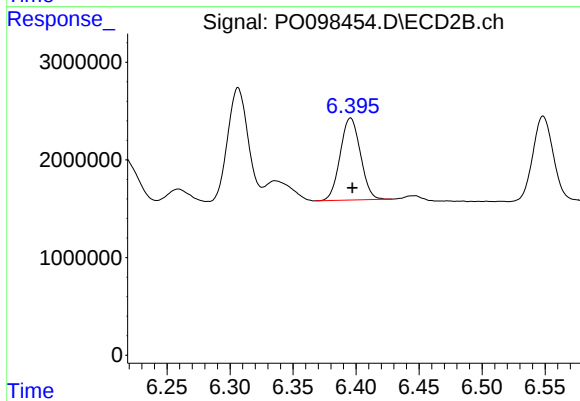
#31 AR-1260-1

R.T.: 6.207 min
Delta R.T.: -0.002 min
Response: 11987599
Conc: 326.72 ng/ml



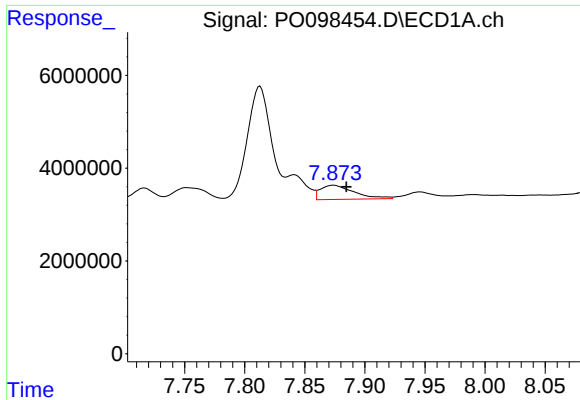
#32 AR-1260-2

R.T.: 7.527 min
Delta R.T.: 0.003 min
Response: 20568640
Conc: 249.80 ng/ml



#32 AR-1260-2

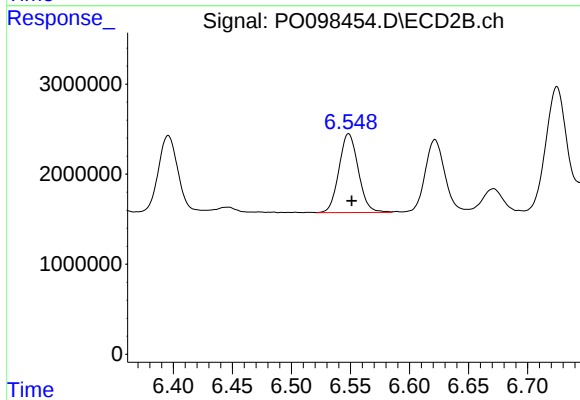
R.T.: 6.396 min
Delta R.T.: -0.001 min
Response: 9374228
Conc: 223.41 ng/ml



#33 AR-1260-3

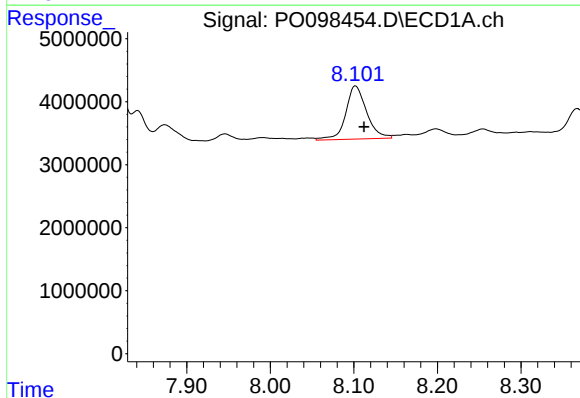
R.T.: 7.874 min
Delta R.T.: -0.011 min
Response: 6007408
Conc: 97.11 ng/ml

Instrument :
ECD_O
ClientSampleId :



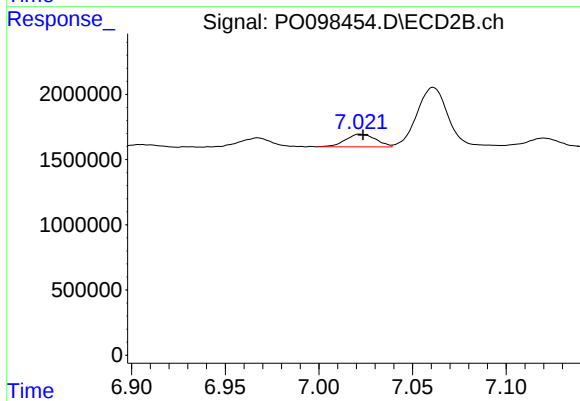
#33 AR-1260-3

R.T.: 6.548 min
Delta R.T.: -0.003 min
Response: 9951513
Conc: 248.68 ng/ml



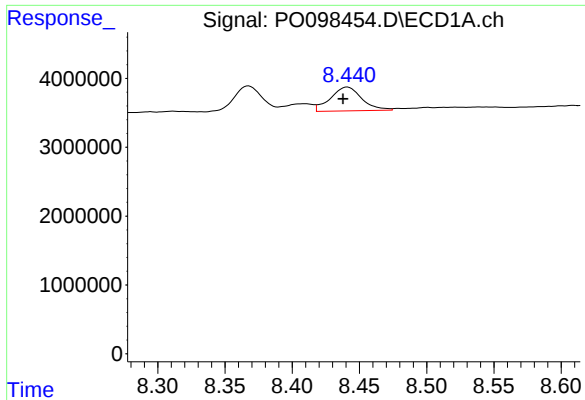
#34 AR-1260-4

R.T.: 8.102 min
Delta R.T.: -0.010 min
Response: 14612980
Conc: 216.77 ng/ml



#34 AR-1260-4

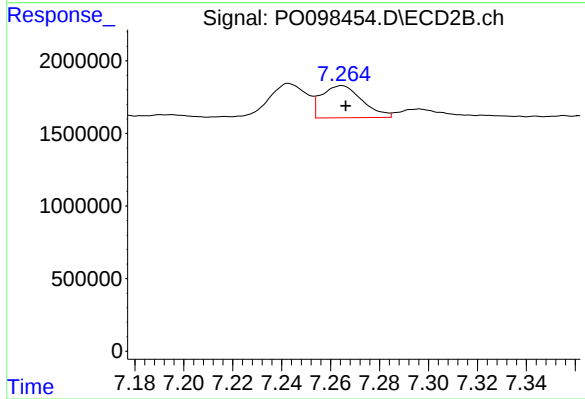
R.T.: 7.022 min
Delta R.T.: -0.002 min
Response: 1085384
Conc: 33.70 ng/ml



#35 AR-1260-5

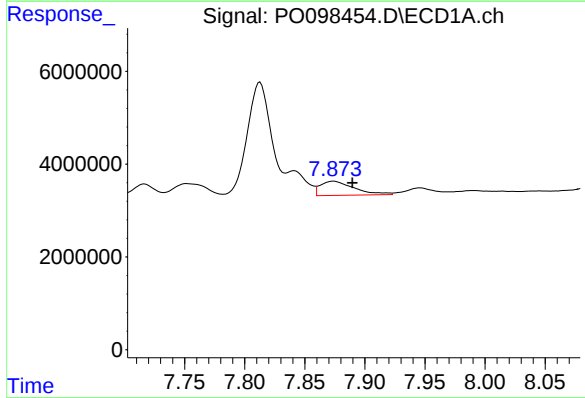
R.T.: 8.441 min
Delta R.T.: 0.003 min
Response: 5612824
Conc: 43.20 ng/ml

Instrument :
ECD_O
ClientSampleId :



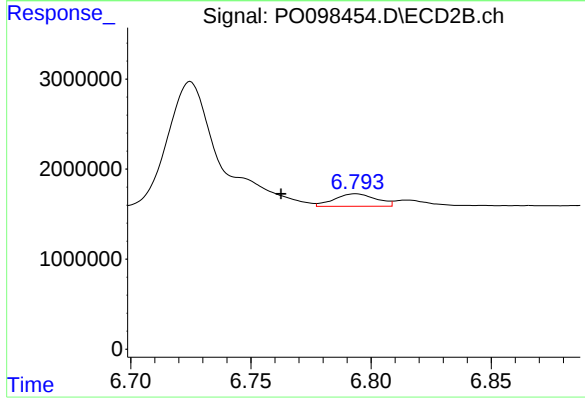
#35 AR-1260-5

R.T.: 7.265 min
Delta R.T.: -0.002 min
Response: 2543537
Conc: 36.30 ng/ml



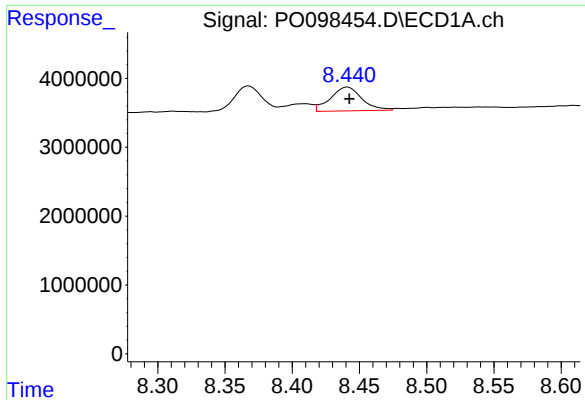
#36 AR-1262-1

R.T.: 7.874 min
Delta R.T.: -0.016 min
Response: 6007408
Conc: 69.07 ng/ml



#36 AR-1262-1

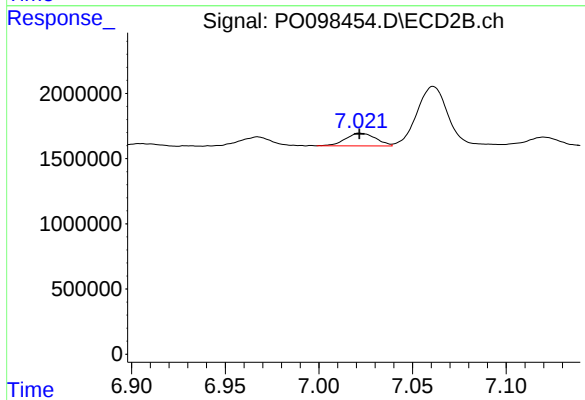
R.T.: 6.794 min
Delta R.T.: 0.031 min
Response: 1671154
Conc: 36.92 ng/ml



#37 AR-1262-2

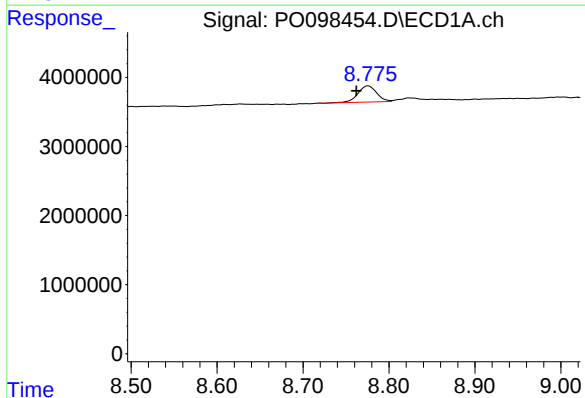
R.T.: 8.441 min
Delta R.T.: -0.002 min
Response: 5612824
Conc: 39.79 ng/ml

Instrument :
ECD_O
ClientSampleId :



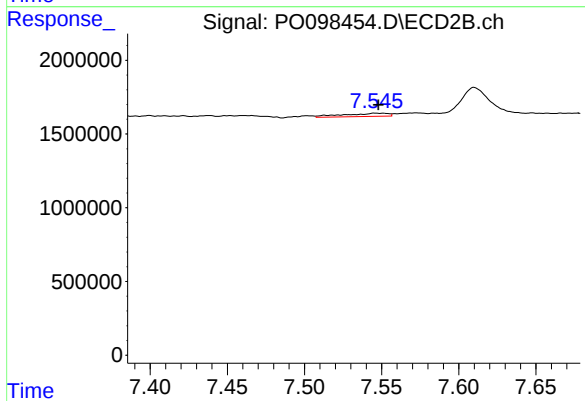
#37 AR-1262-2

R.T.: 7.022 min
Delta R.T.: 0.000 min
Response: 1085384
Conc: 26.92 ng/ml



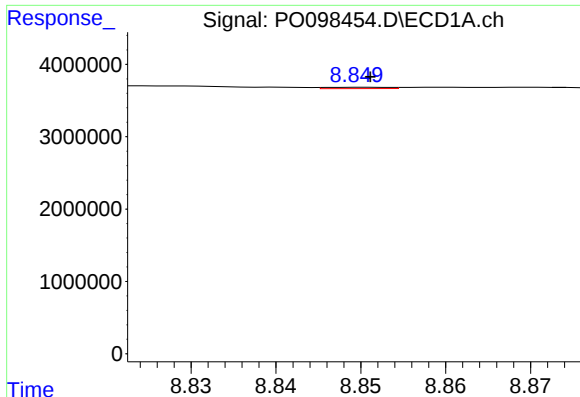
#38 AR-1262-3

R.T.: 8.776 min
Delta R.T.: 0.014 min
Response: 3604695
Conc: 36.51 ng/ml



#38 AR-1262-3

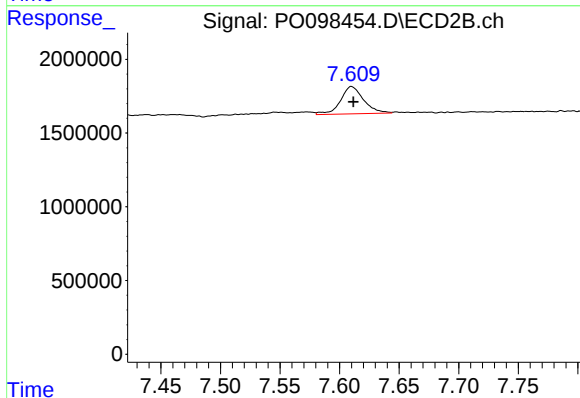
R.T.: 7.546 min
Delta R.T.: -0.002 min
Response: 443278
Conc: 14.28 ng/ml



#39 AR-1262-4

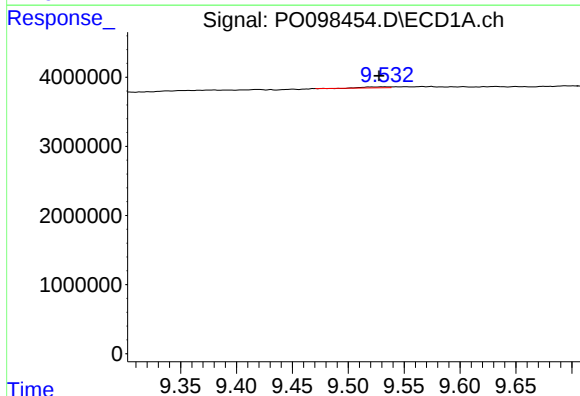
R.T.: 8.850 min
Delta R.T.: 0.000 min
Response: 94507
Conc: 1.23 ng/ml

Instrument :
ECD_O
ClientSampleId :



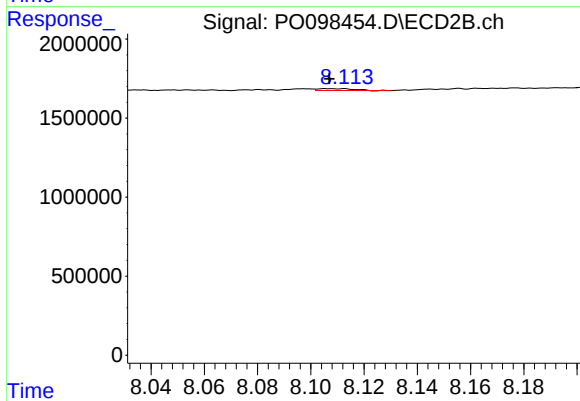
#39 AR-1262-4

R.T.: 7.610 min
Delta R.T.: -0.002 min
Response: 2490117
Conc: 45.97 ng/ml



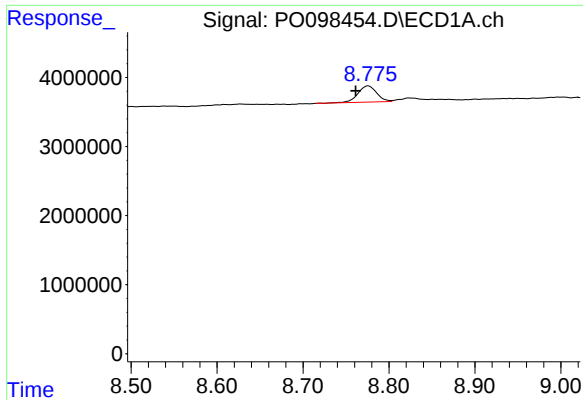
#40 AR-1262-5

R.T.: 9.532 min
Delta R.T.: 0.004 min
Response: 227014
Conc: 4.68 ng/ml



#40 AR-1262-5

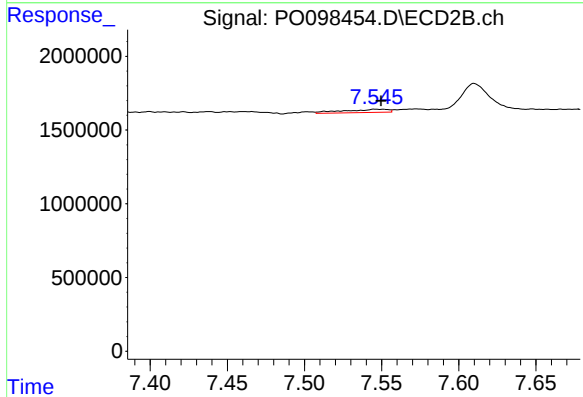
R.T.: 8.107 min
Delta R.T.: 0.000 min
Response: 108230
Conc: 4.38 ng/ml



#41 AR-1268-1

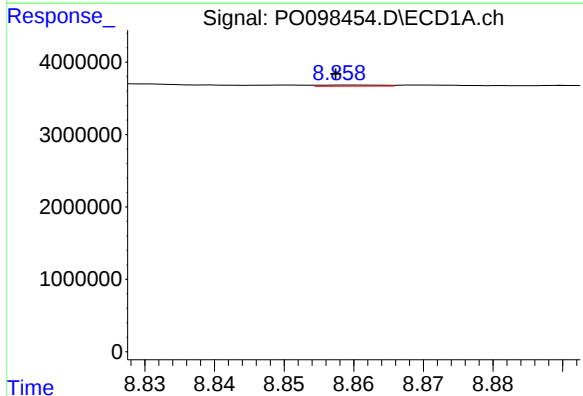
R.T.: 8.776 min
Delta R.T.: 0.014 min
Response: 3604695
Conc: 20.76 ng/ml

Instrument :
ECD_O
ClientSampleId :



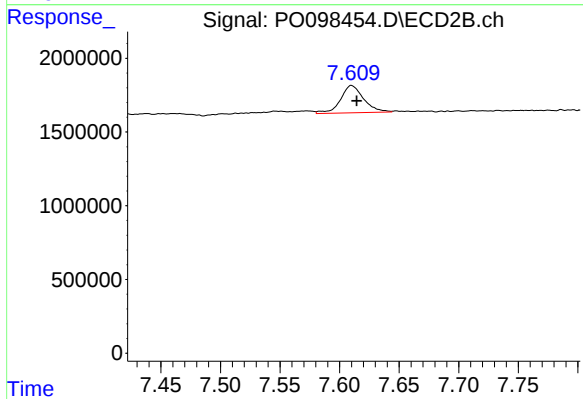
#41 AR-1268-1

R.T.: 7.546 min
Delta R.T.: -0.003 min
Response: 443278
Conc: 4.85 ng/ml



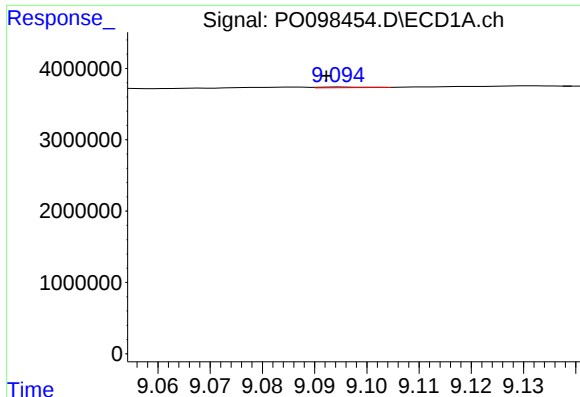
#42 AR-1268-2

R.T.: 8.859 min
Delta R.T.: 0.002 min
Response: 97950
Conc: 0.63 ng/ml



#42 AR-1268-2

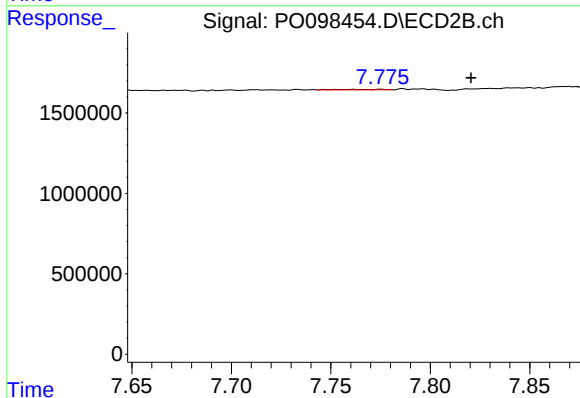
R.T.: 7.610 min
Delta R.T.: -0.004 min
Response: 2490117
Conc: 32.11 ng/ml



#43 AR-1268-3

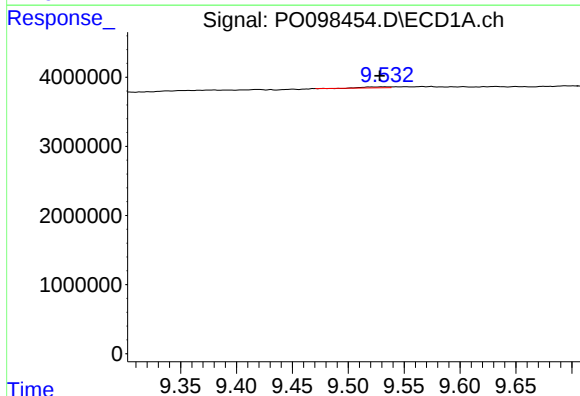
R.T.: 9.095 min
Delta R.T.: 0.002 min
Response: 51879
Conc: 0.38 ng/ml

Instrument :
ECD_O
ClientSampleId :



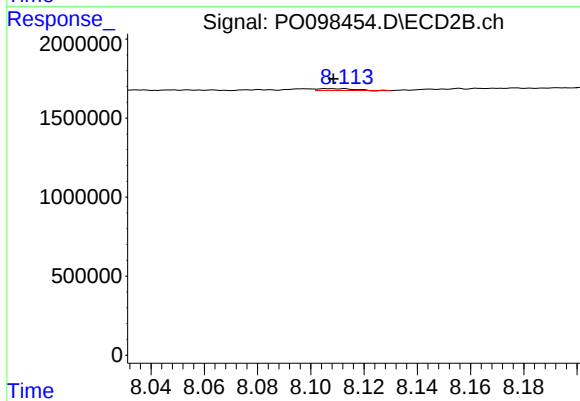
#43 AR-1268-3

R.T.: 7.775 min
Delta R.T.: -0.045 min
Response: 58075
Conc: 0.88 ng/ml



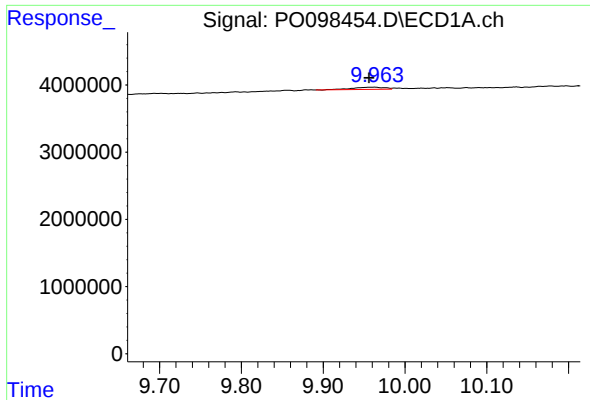
#44 AR-1268-4

R.T.: 9.532 min
Delta R.T.: 0.004 min
Response: 227014
Conc: 4.26 ng/ml



#44 AR-1268-4

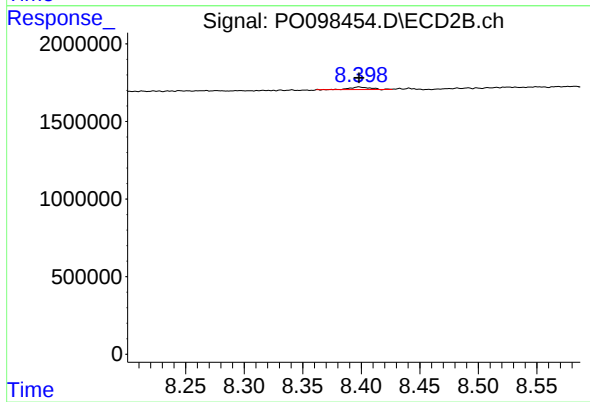
R.T.: 8.107 min
Delta R.T.: -0.002 min
Response: 108230
Conc: 4.00 ng/ml



#45 AR-1268-5

R.T.: 9.963 min
Delta R.T.: 0.007 min
Response: 890253
Conc: 2.03 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.398 min
Delta R.T.: 0.000 min
Response: 210009
Conc: 1.06 ng/ml