

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0092718\
 Data File : P0049407.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 27 Sep 2018 15:18
 Operator : SM/SJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 27 16:43:46 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0091918.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Sep 20 02:02:28 2018
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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...	4.389	3.519	8250032	10633285	44.432	51.455
2)	SA Decachlor...	10.099	8.453	12406197	11277154	45.133	55.087
Target Compounds							
3)	L1 AR-1016-1	5.098	4.182	1515755	2870999	321.456	501.663 #
4)	L1 AR-1016-2	5.293	4.588	2153945	4448257	445.258	511.276
5)	L1 AR-1016-3	5.561	4.606	3406879	6119598	455.667	530.284
6)	L1 AR-1016-4	5.645	4.661	3042373	4161989	468.005	518.266
7)	L1 AR-1016-5	6.038	5.031	2519563	3881993	468.215	560.817
8)	L2 AR-1221-1	0.000	3.730	0	346477	N.D.	142.595 #
9)	L2 AR-1221-2	0.000	3.814	0	529466	N.D.	294.045 #
10)	L2 AR-1221-3	4.763	3.889	1481392	1977545	293.730	354.001
11)	L3 AR-1232-1	5.561	4.370	3406879	3078889	8726.194	1315.145 #
12)	L3 AR-1232-2	5.744	4.485	2559423	989594	1271.664	1155.013
13)	L3 AR-1232-3	5.880	4.862	2938950	3155955	5503.762	1451.316 #
14)	L3 AR-1232-4	0.000	5.179	0	3409347	N.D.	1437.057 #
15)	L3 AR-1232-5	7.163	0.000	5789272	0	17883.639	N.D. #
16)	L4 AR-1242-1	5.098	4.202	1515755	1601444	748.971	613.811
17)	L4 AR-1242-2	5.880	4.779	2938950	3335625	791.741	617.727
18)	L4 AR-1242-3	6.038	4.893	2519563	1076087	1415.119	599.987 #
19)	L4 AR-1242-4	6.180	5.248	2776674	1445716	2033.460	910.904 #
20)	L4 AR-1242-5	6.180	5.615	2776674	355938	584.661	85.317 #
21)	L5 AR-1248-1	5.834	4.821	2063228	2503796	341.309	358.927
22)	L5 AR-1248-2	6.415	5.379	1700656	3816778	264.777	293.693
23)	L5 AR-1248-3	6.415	5.419	1700656	1065193	202.024	115.136 #
24)	L5 AR-1248-4	0.000	5.591	0	232982	N.D.	28.706 #
25)	L5 AR-1248-5	6.634	5.939	2137955	5209604	411.464	849.702 #
26)	L6 AR-1254-1	6.634	5.525	2137955	2716571	144.477	221.412 #
27)	L6 AR-1254-2	0.000	5.835	0	908873	N.D.	84.930 #
28)	L6 AR-1254-3	7.058	6.150	3755958	543250	229.880	39.492 #
29)	L6 AR-1254-4	0.000	6.471	0	936012	N.D.	91.405 #
30)	L6 AR-1254-5	7.550	6.564	2582378	10101491	279.346	520.965 #
31)	L7 AR-1260-1	7.163	6.053	5789272	7241779	517.566	503.642
32)	L7 AR-1260-2	7.421	6.240	7074726	9247899	527.270	521.627
33)	L7 AR-1260-3	7.704	6.392	9225758	8353679	599.604	507.502
34)	L7 AR-1260-4	8.006	6.860	5894211	6817376	538.631	511.660
35)	L7 AR-1260-5	8.323	7.100	12499735	16761348	521.424	535.084
36)	L8 AR-1262-1	7.058	5.939	3755958	5209604	575.095	729.868 #
37)	L8 AR-1262-2	7.837	6.655	2808442	3933883	522.523	536.177
38)	L8 AR-1262-3	8.085	6.957	2915154	3903008	507.313	502.395
39)	L8 AR-1262-4	8.699	7.382	4880653	3845123	355.649	315.620
40)	L8 AR-1262-5	9.366	7.935	3516933	4223555	337.606	415.166
41)	L9 AR-1268-1	7.780	6.602	5552173	7744094	961.612	1057.691

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 ALS Vial : 3 Sample Multiplier: 1

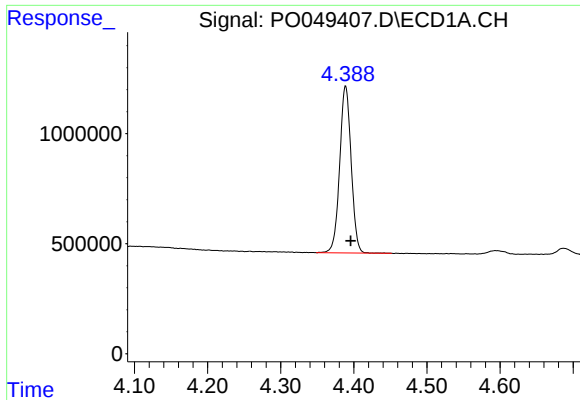
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 27 16:43:46 2018
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Volume Inj. : 2 µl
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 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	8.006	7.444	5894211	11734668	772.450	353.441 #
43) L9	AR-1268-3	8.644	7.652	7590743	263964	224.055	9.635 #
44) L9	AR-1268-4	0.000	7.741	0	210677	N.D.	27.105 #
45) L9	AR-1268-5	0.000	8.212	0	1130051	N.D.	15.243 #

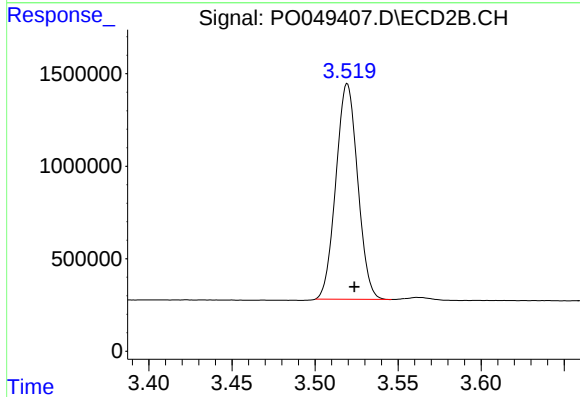
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

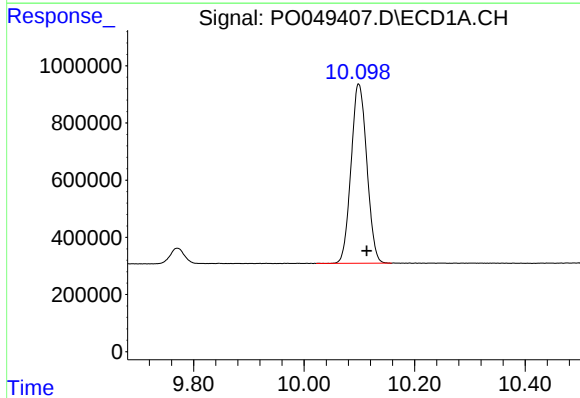
R.T.: 4.389 min
Delta R.T.: -0.007 min
Response: 8250032
Conc: 44.43 ng/ml

Instrument :
ECD_O
ClientSampleId :



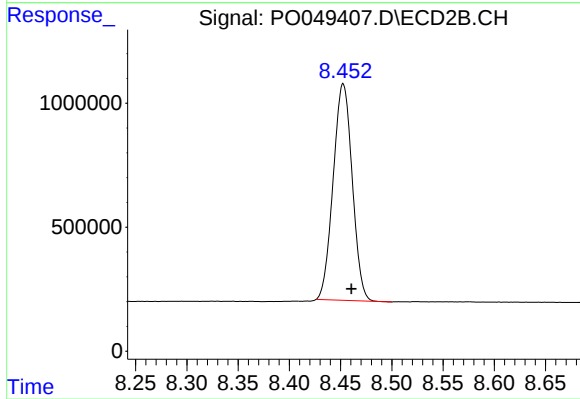
#1 Tetrachloro-m-xylene

R.T.: 3.519 min
Delta R.T.: -0.004 min
Response: 10633285
Conc: 51.45 ng/ml



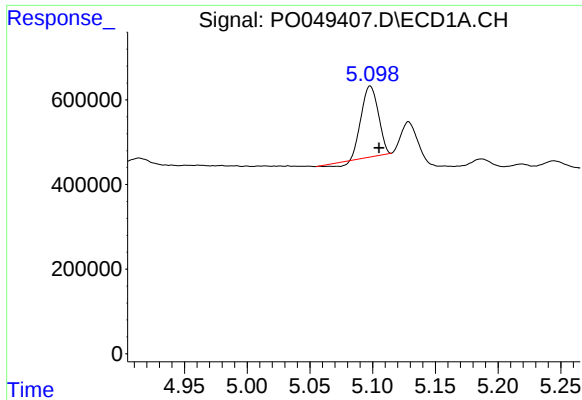
#2 Decachlorobiphenyl

R.T.: 10.099 min
Delta R.T.: -0.015 min
Response: 12406197
Conc: 45.13 ng/ml



#2 Decachlorobiphenyl

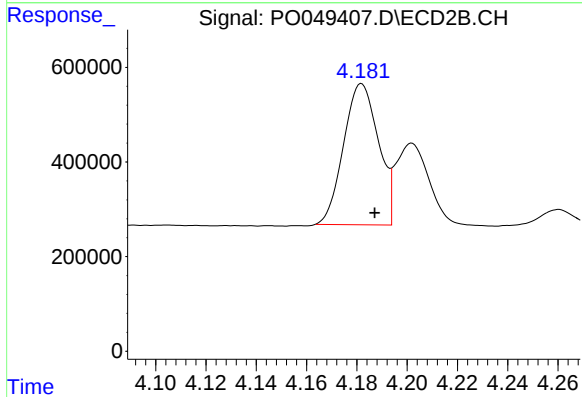
R.T.: 8.453 min
Delta R.T.: -0.008 min
Response: 11277154
Conc: 55.09 ng/ml



#3 AR-1016-1

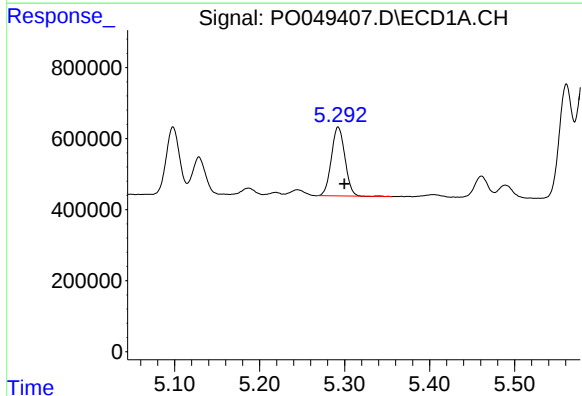
R.T.: 5.098 min
Delta R.T.: -0.007 min
Response: 1515755
Conc: 321.46 ng/ml

Instrument :
ECD_O
ClientSampleId :



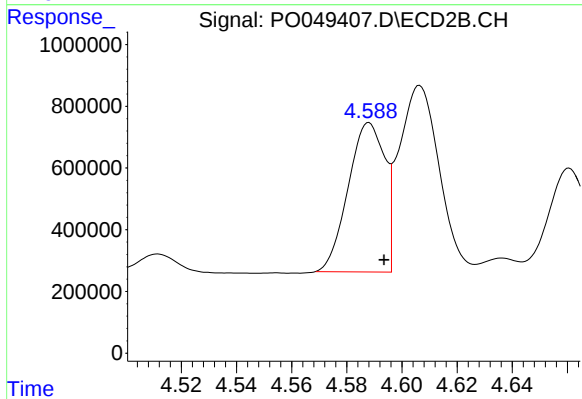
#3 AR-1016-1

R.T.: 4.182 min
Delta R.T.: -0.005 min
Response: 2870999
Conc: 501.66 ng/ml



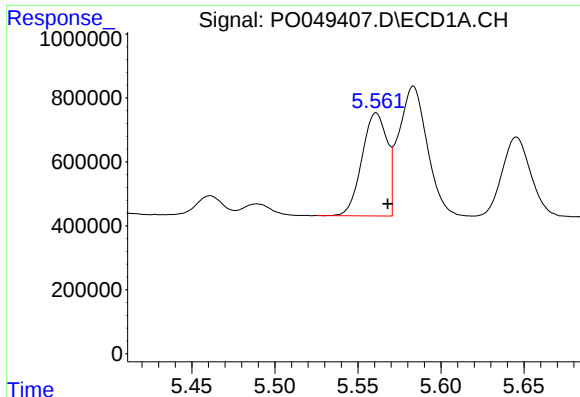
#4 AR-1016-2

R.T.: 5.293 min
Delta R.T.: -0.007 min
Response: 2153945
Conc: 445.26 ng/ml



#4 AR-1016-2

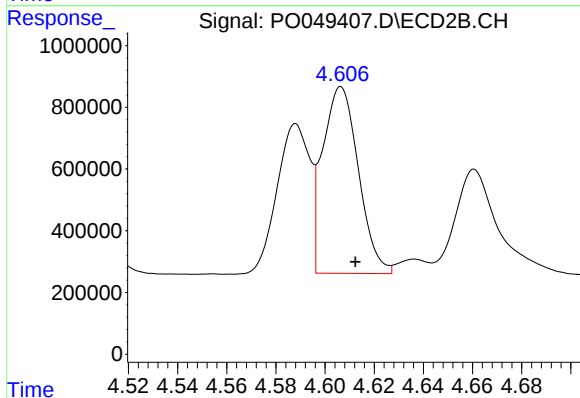
R.T.: 4.588 min
Delta R.T.: -0.005 min
Response: 4448257
Conc: 511.28 ng/ml



#5 AR-1016-3

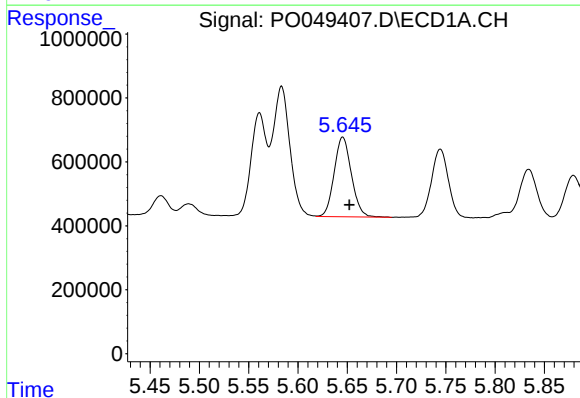
R.T.: 5.561 min
Delta R.T.: -0.007 min
Response: 3406879
Conc: 455.67 ng/ml

Instrument :
ECD_O
ClientSampleId :



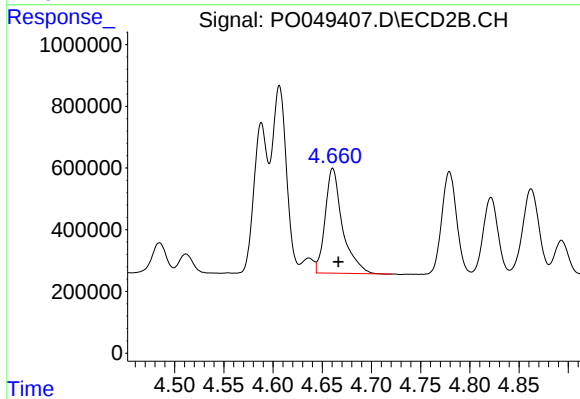
#5 AR-1016-3

R.T.: 4.606 min
Delta R.T.: -0.006 min
Response: 6119598
Conc: 530.28 ng/ml



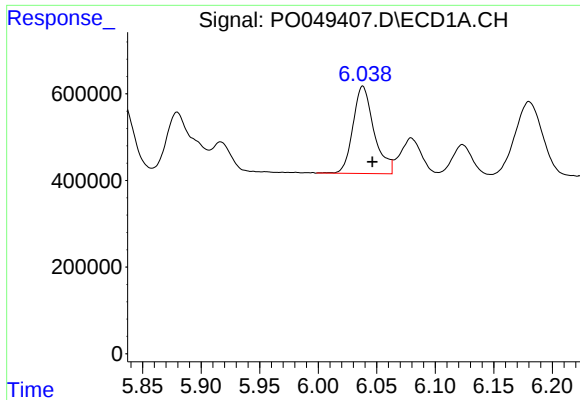
#6 AR-1016-4

R.T.: 5.645 min
Delta R.T.: -0.007 min
Response: 3042373
Conc: 468.01 ng/ml



#6 AR-1016-4

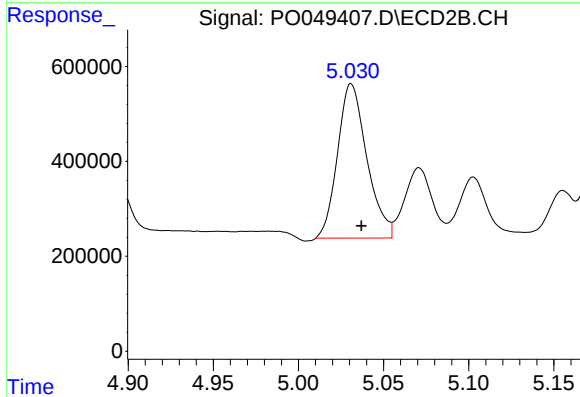
R.T.: 4.661 min
Delta R.T.: -0.006 min
Response: 4161989
Conc: 518.27 ng/ml



#7 AR-1016-5

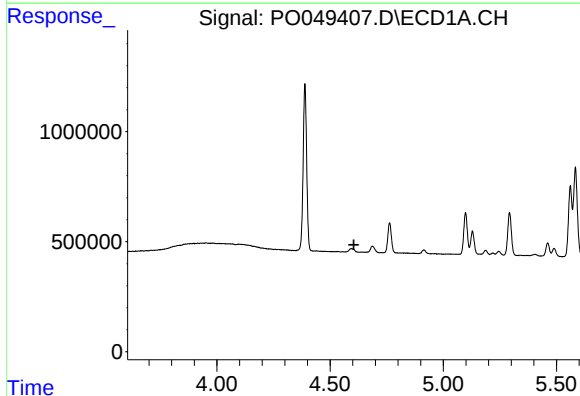
R.T.: 6.038 min
Delta R.T.: -0.008 min
Response: 2519563
Conc: 468.22 ng/ml

Instrument :
ECD_O
ClientSampleId :



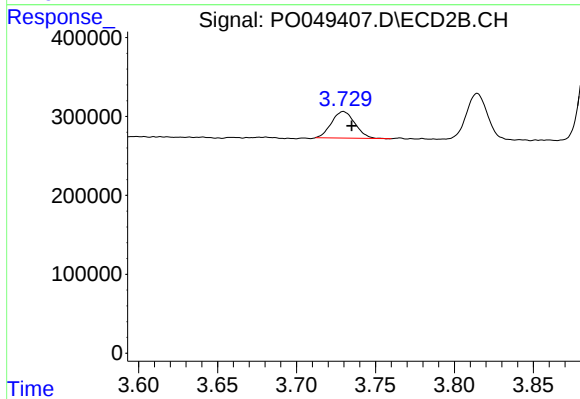
#7 AR-1016-5

R.T.: 5.031 min
Delta R.T.: -0.006 min
Response: 3881993
Conc: 560.82 ng/ml



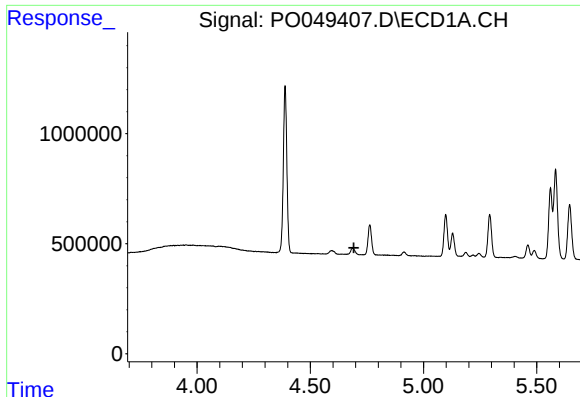
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.605 min
Response: 0
Conc: N.D.



#8 AR-1221-1

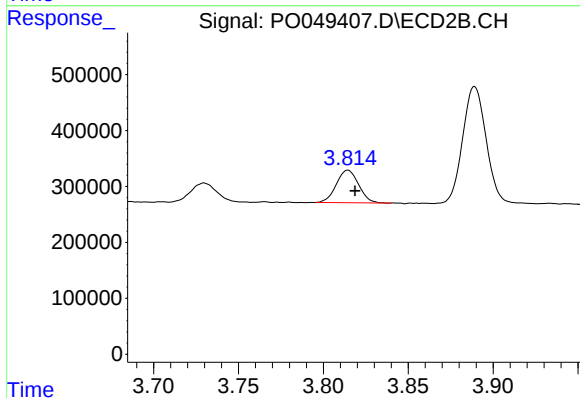
R.T.: 3.730 min
Delta R.T.: -0.005 min
Response: 346477
Conc: 142.60 ng/ml



#9 AR-1221-2

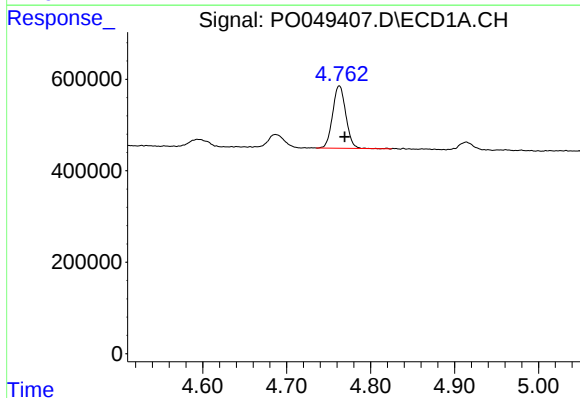
R.T.: 0.000 min
Exp R.T.: 4.692 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



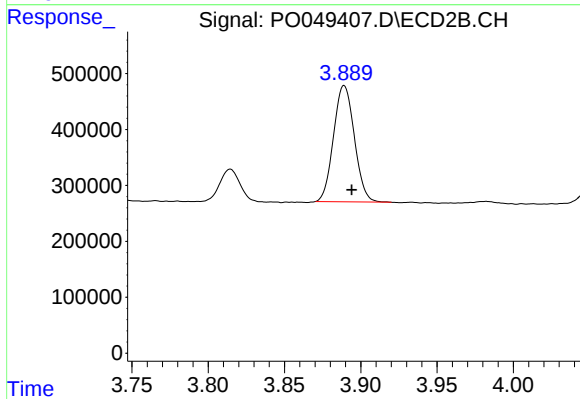
#9 AR-1221-2

R.T.: 3.814 min
Delta R.T.: -0.004 min
Response: 529466
Conc: 294.04 ng/ml



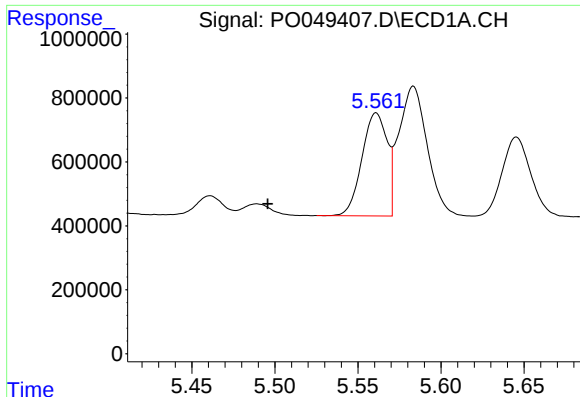
#10 AR-1221-3

R.T.: 4.763 min
Delta R.T.: -0.006 min
Response: 1481392
Conc: 293.73 ng/ml



#10 AR-1221-3

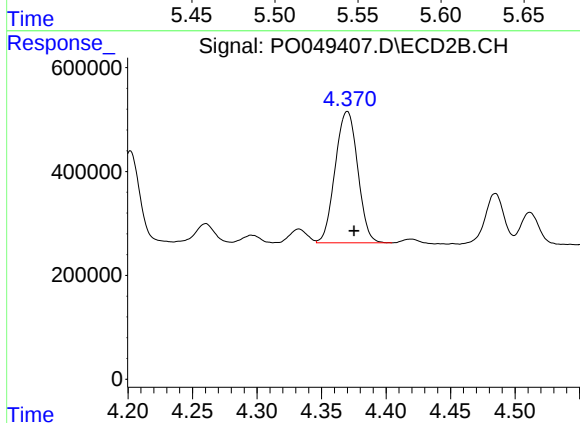
R.T.: 3.889 min
Delta R.T.: -0.005 min
Response: 1977545
Conc: 354.00 ng/ml



#11 AR-1232-1

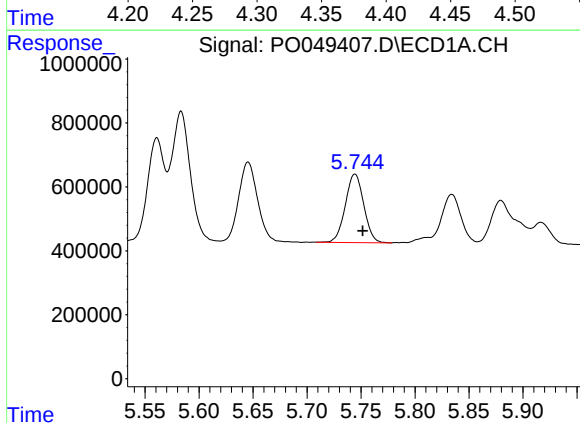
R.T.: 5.561 min
Delta R.T.: 0.066 min
Response: 3406879
Conc: 8726.19 ng/ml

Instrument :
ECD_O
ClientSampleId :



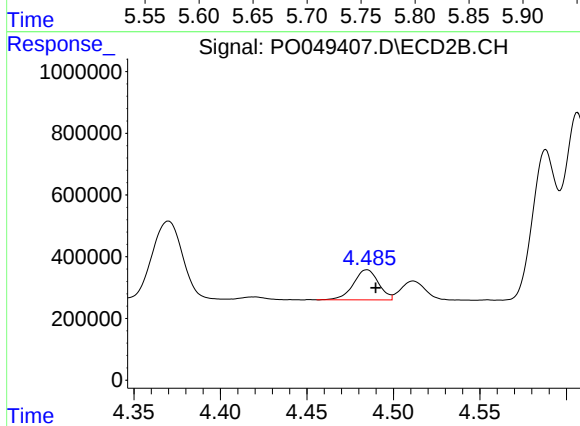
#11 AR-1232-1

R.T.: 4.370 min
Delta R.T.: -0.005 min
Response: 3078889
Conc: 1315.14 ng/ml



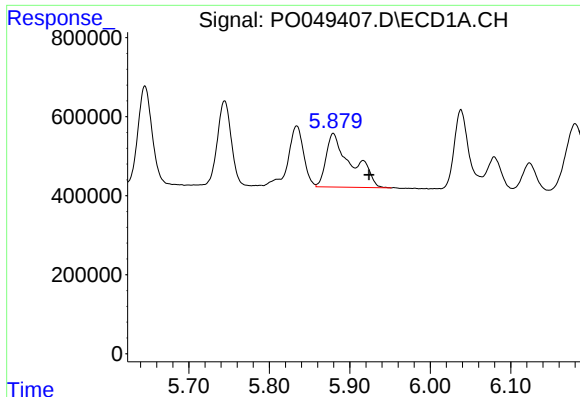
#12 AR-1232-2

R.T.: 5.744 min
Delta R.T.: -0.007 min
Response: 2559423
Conc: 1271.66 ng/ml



#12 AR-1232-2

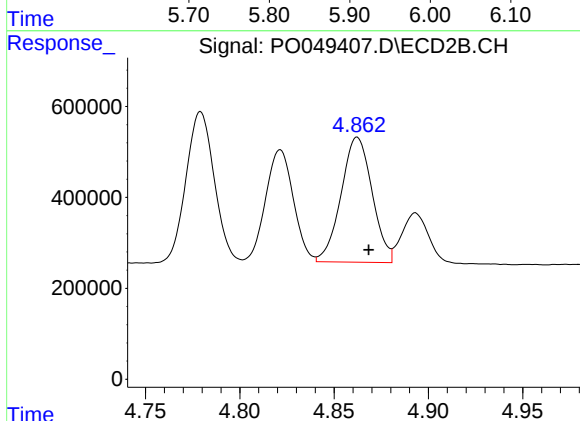
R.T.: 4.485 min
Delta R.T.: -0.005 min
Response: 989594
Conc: 1155.01 ng/ml



#13 AR-1232-3

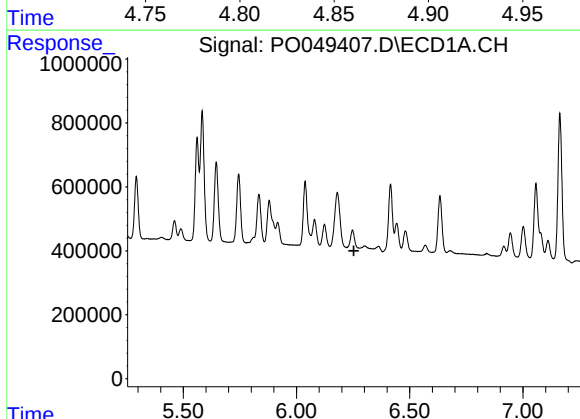
R.T.: 5.880 min
Delta R.T.: -0.045 min
Response: 2938950
Conc: 5503.76 ng/ml

Instrument :
ECD_O
ClientSampleId :



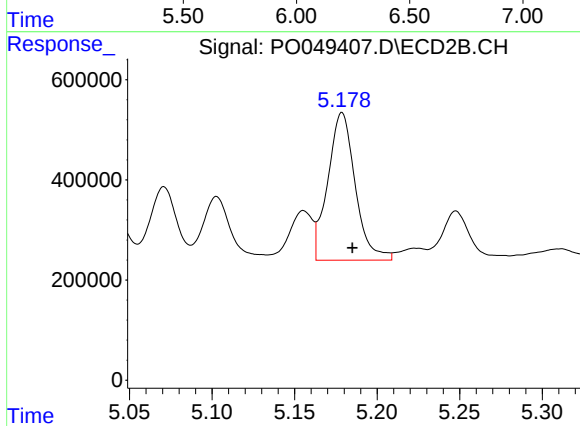
#13 AR-1232-3

R.T.: 4.862 min
Delta R.T.: -0.006 min
Response: 3155955
Conc: 1451.32 ng/ml



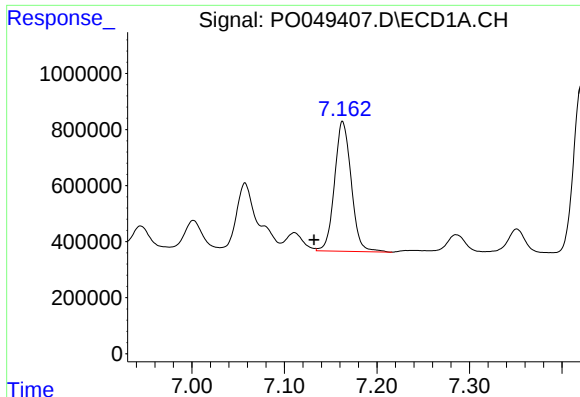
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 6.254 min
Response: 0
Conc: N.D.



#14 AR-1232-4

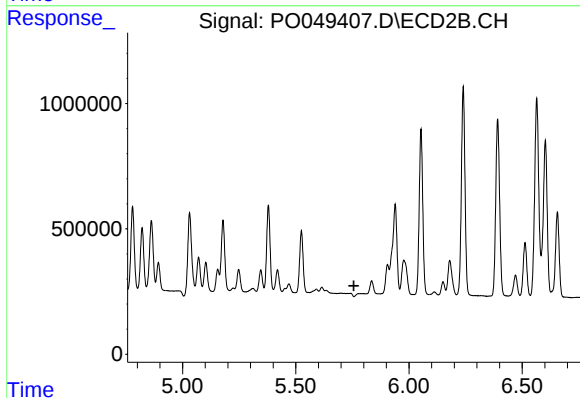
R.T.: 5.179 min
Delta R.T.: -0.006 min
Response: 3409347
Conc: 1437.06 ng/ml



#15 AR-1232-5

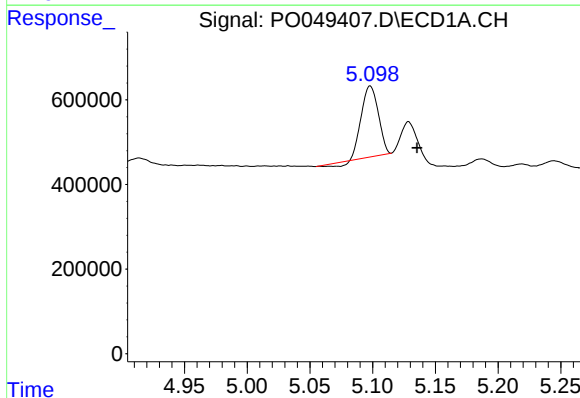
R.T.: 7.163 min
Delta R.T.: 0.031 min
Response: 5789272
Conc: 17883.64 ng/ml

Instrument :
ECD_O
ClientSampleId :



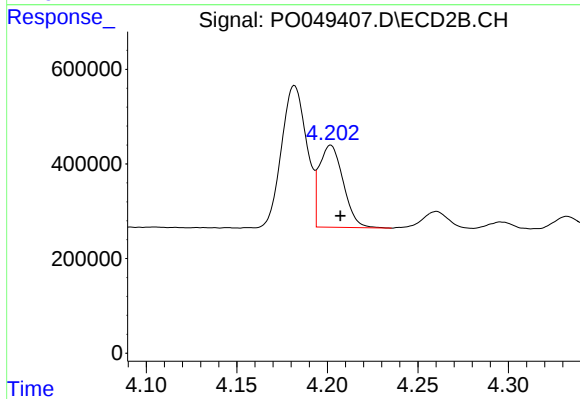
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T. : 5.757 min
Response: 0
Conc: N.D.



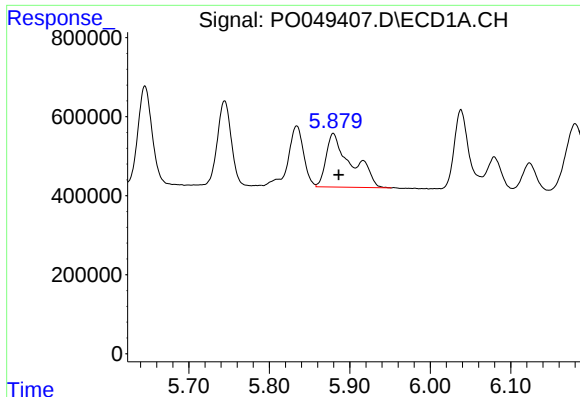
#16 AR-1242-1

R.T.: 5.098 min
Delta R.T.: -0.037 min
Response: 1515755
Conc: 748.97 ng/ml



#16 AR-1242-1

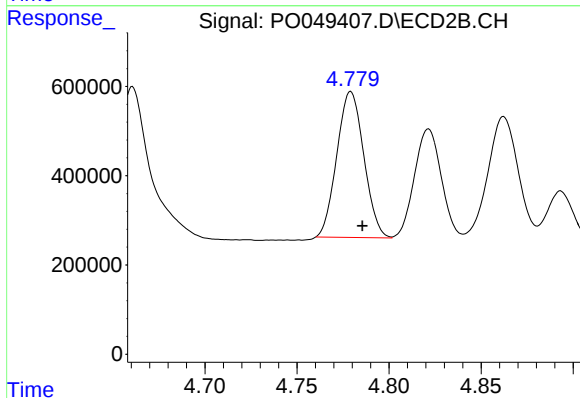
R.T.: 4.202 min
Delta R.T.: -0.005 min
Response: 1601444
Conc: 613.81 ng/ml



#17 AR-1242-2

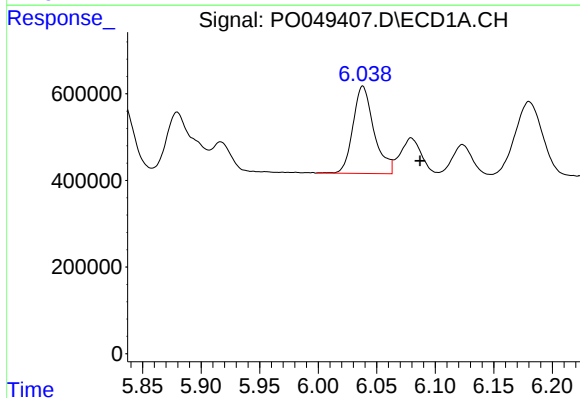
R.T.: 5.880 min
Delta R.T.: -0.007 min
Response: 2938950
Conc: 791.74 ng/ml

Instrument :
ECD_O
ClientSampleId :



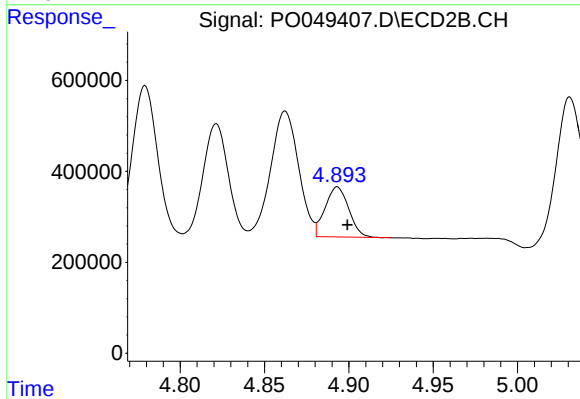
#17 AR-1242-2

R.T.: 4.779 min
Delta R.T.: -0.006 min
Response: 3335625
Conc: 617.73 ng/ml



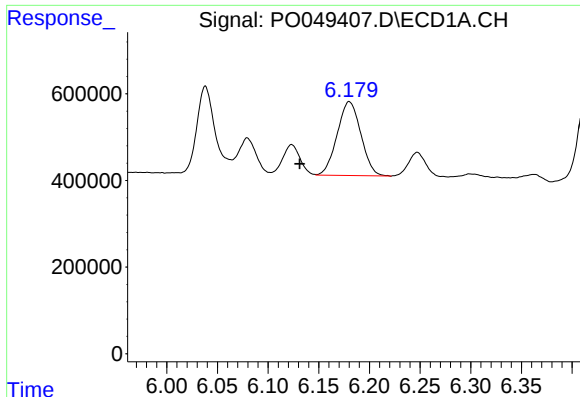
#18 AR-1242-3

R.T.: 6.038 min
Delta R.T.: -0.049 min
Response: 2519563
Conc: 1415.12 ng/ml



#18 AR-1242-3

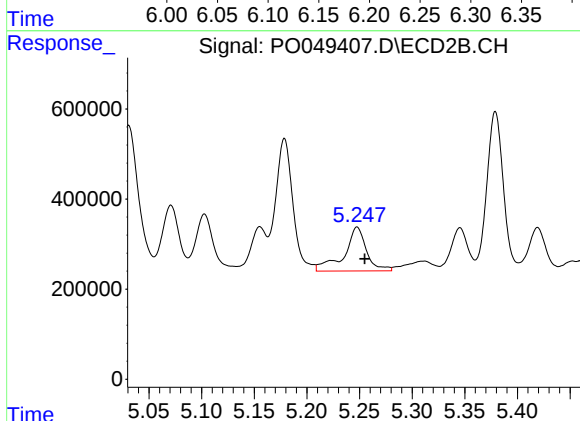
R.T.: 4.893 min
Delta R.T.: -0.006 min
Response: 1076087
Conc: 599.99 ng/ml



#19 AR-1242-4

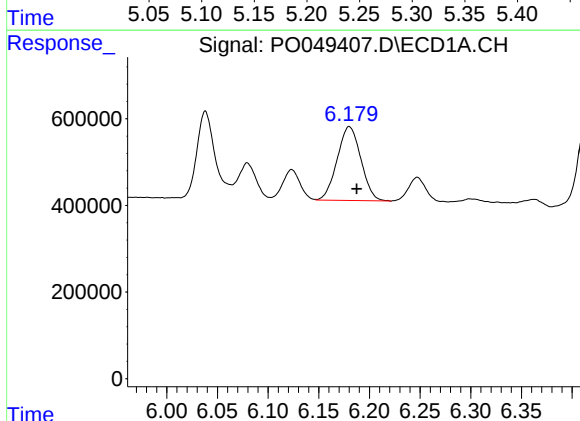
R.T.: 6.180 min
Delta R.T.: 0.049 min
Response: 2776674
Conc: 2033.46 ng/ml

Instrument :
ECD_O
ClientSampleId :



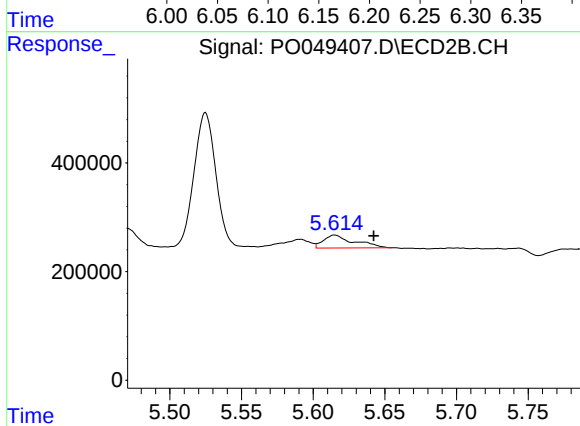
#19 AR-1242-4

R.T.: 5.248 min
Delta R.T.: -0.007 min
Response: 1445716
Conc: 910.90 ng/ml



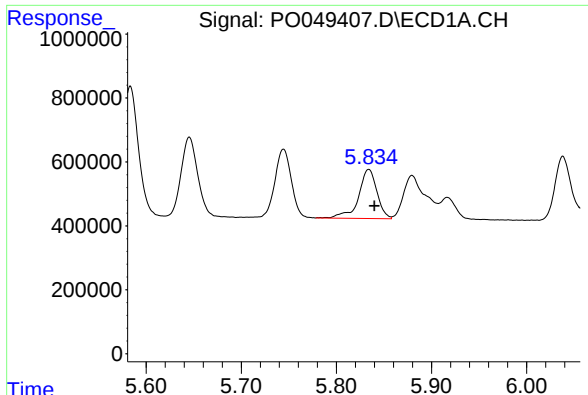
#20 AR-1242-5

R.T.: 6.180 min
Delta R.T.: -0.007 min
Response: 2776674
Conc: 584.66 ng/ml



#20 AR-1242-5

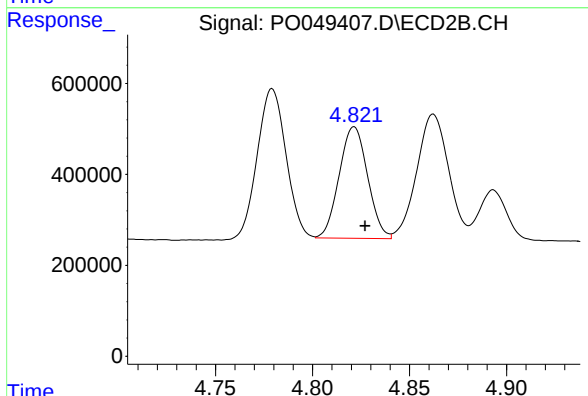
R.T.: 5.615 min
Delta R.T.: -0.027 min
Response: 355938
Conc: 85.32 ng/ml



#21 AR-1248-1

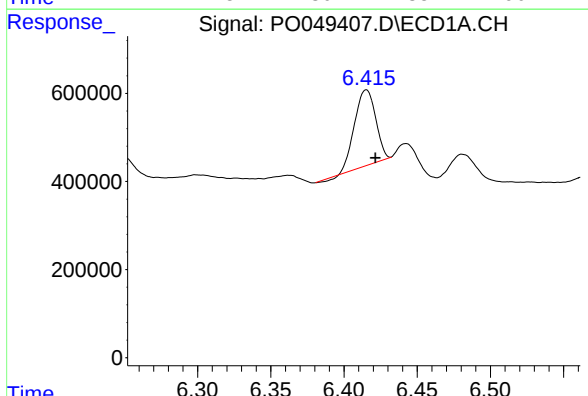
R.T.: 5.834 min
Delta R.T.: -0.006 min
Response: 2063228
Conc: 341.31 ng/ml

Instrument :
ECD_O
ClientSampleId :



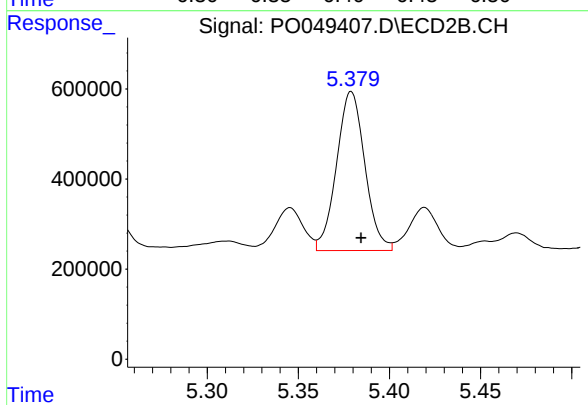
#21 AR-1248-1

R.T.: 4.821 min
Delta R.T.: -0.006 min
Response: 2503796
Conc: 358.93 ng/ml



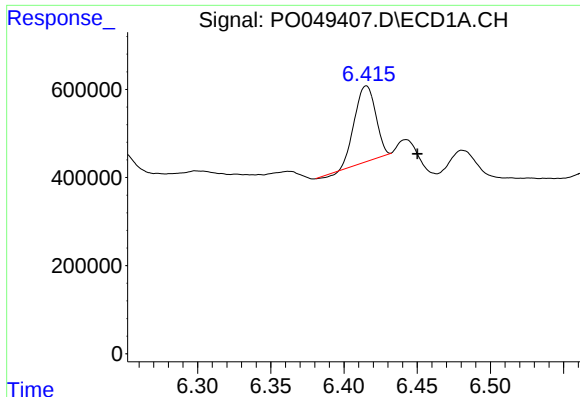
#22 AR-1248-2

R.T.: 6.415 min
Delta R.T.: -0.006 min
Response: 1700656
Conc: 264.78 ng/ml



#22 AR-1248-2

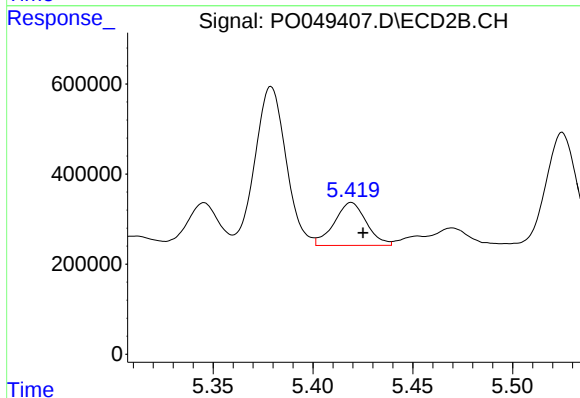
R.T.: 5.379 min
Delta R.T.: -0.005 min
Response: 3816778
Conc: 293.69 ng/ml



#23 AR-1248-3

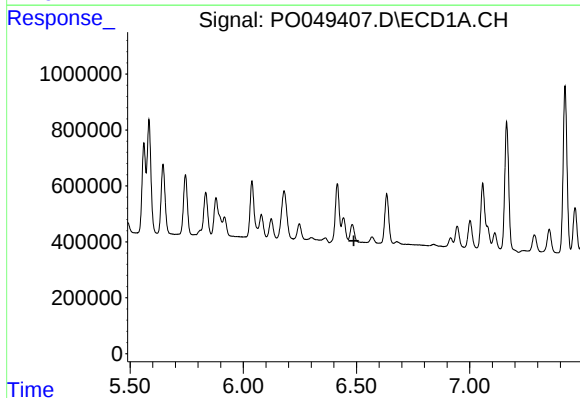
R.T.: 6.415 min
Delta R.T.: -0.035 min
Response: 1700656
Conc: 202.02 ng/ml

Instrument :
ECD_O
ClientSampleId :



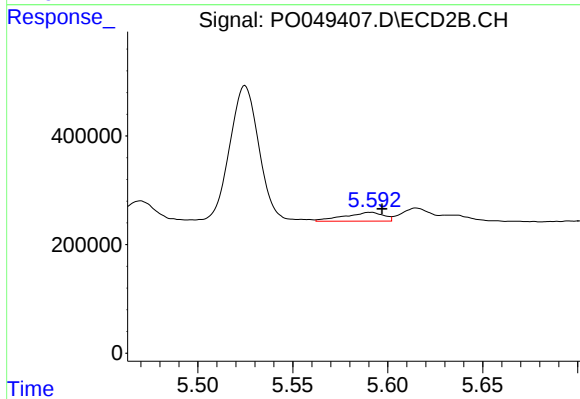
#23 AR-1248-3

R.T.: 5.419 min
Delta R.T.: -0.006 min
Response: 1065193
Conc: 115.14 ng/ml



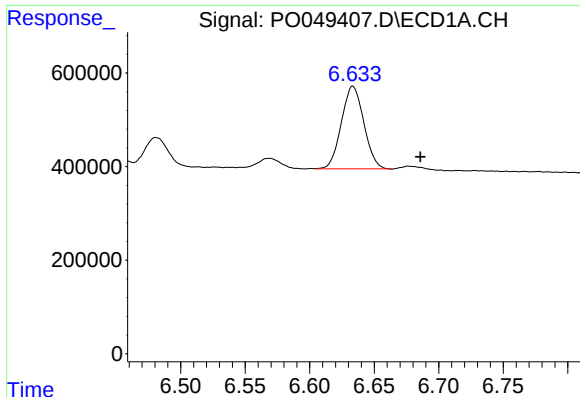
#24 AR-1248-4

R.T.: 0.000 min
Exp R.T. : 6.488 min
Response: 0
Conc: N.D.



#24 AR-1248-4

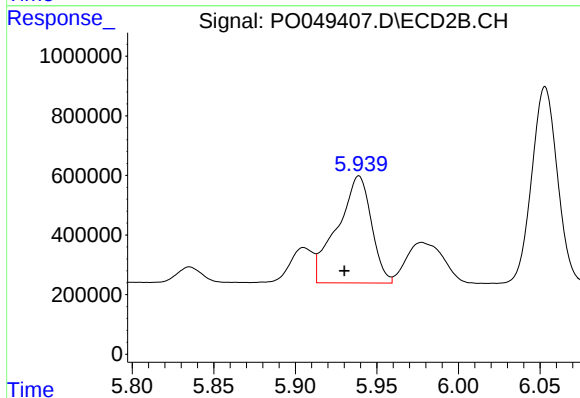
R.T.: 5.591 min
Delta R.T.: -0.006 min
Response: 232982
Conc: 28.71 ng/ml



#25 AR-1248-5

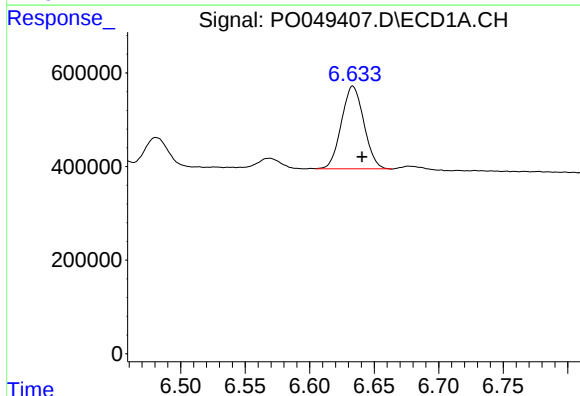
R.T.: 6.634 min
Delta R.T.: -0.052 min
Response: 2137955
Conc: 411.46 ng/ml

Instrument :
ECD_O
ClientSampleId :



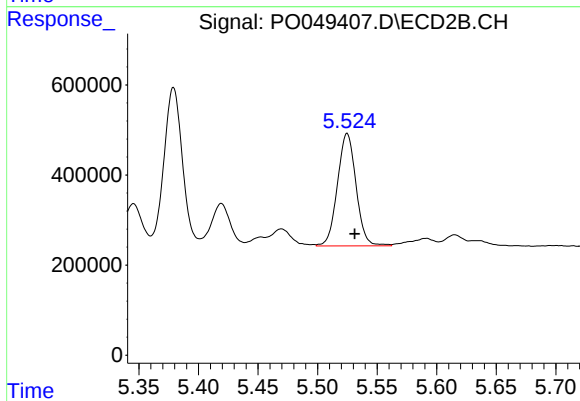
#25 AR-1248-5

R.T.: 5.939 min
Delta R.T.: 0.009 min
Response: 5209604
Conc: 849.70 ng/ml



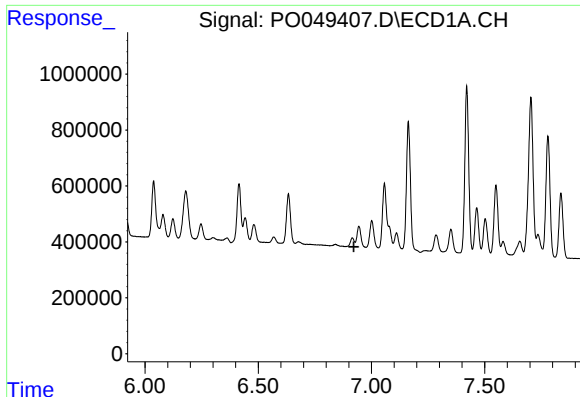
#26 AR-1254-1

R.T.: 6.634 min
Delta R.T.: -0.007 min
Response: 2137955
Conc: 144.48 ng/ml



#26 AR-1254-1

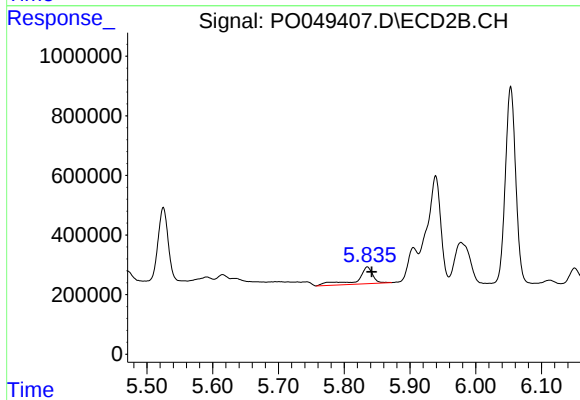
R.T.: 5.525 min
Delta R.T.: -0.006 min
Response: 2716571
Conc: 221.41 ng/ml



#27 AR-1254-2

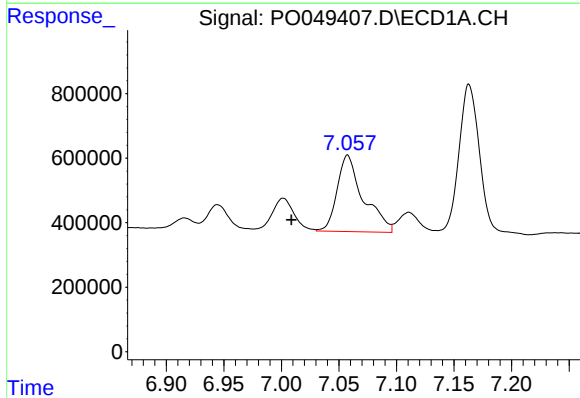
R.T.: 0.000 min
Exp R.T.: 6.923 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



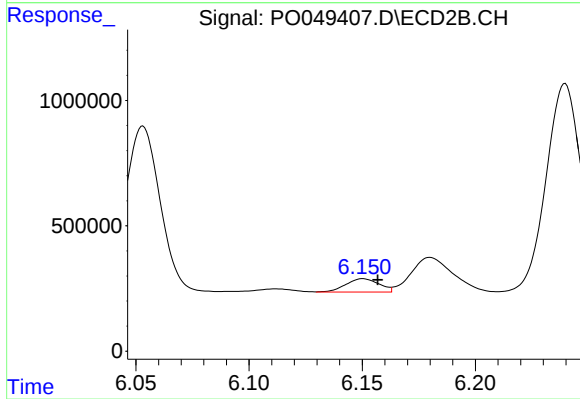
#27 AR-1254-2

R.T.: 5.835 min
Delta R.T.: -0.007 min
Response: 908873
Conc: 84.93 ng/ml



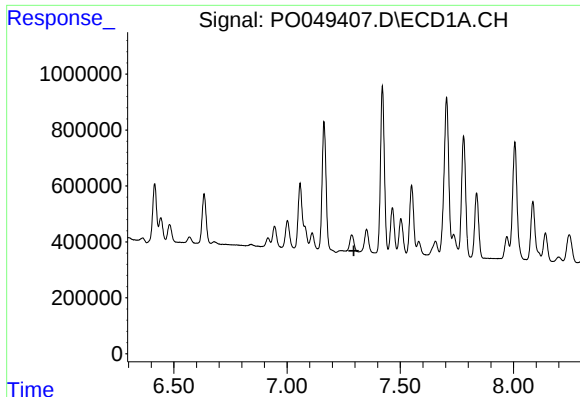
#28 AR-1254-3

R.T.: 7.058 min
Delta R.T.: 0.049 min
Response: 3755958
Conc: 229.88 ng/ml



#28 AR-1254-3

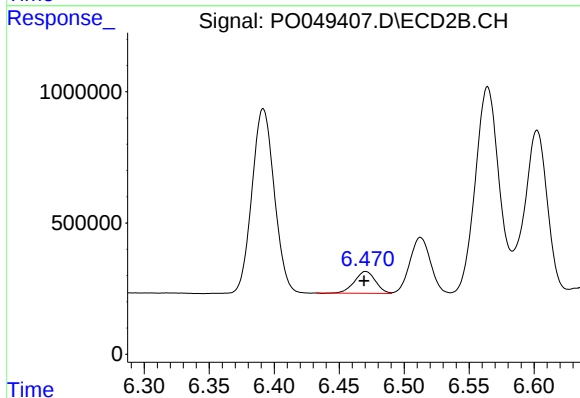
R.T.: 6.150 min
Delta R.T.: -0.007 min
Response: 543250
Conc: 39.49 ng/ml



#29 AR-1254-4

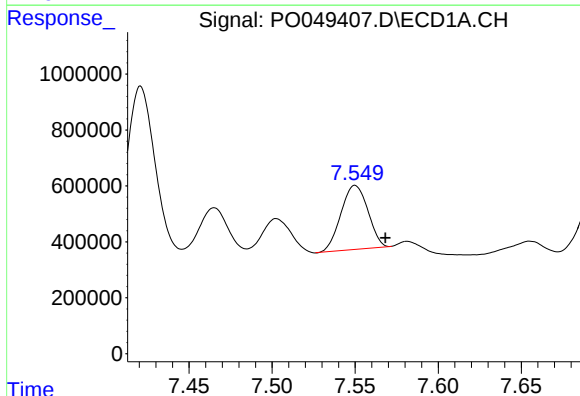
R.T.: 0.000 min
Exp R.T.: 7.295 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



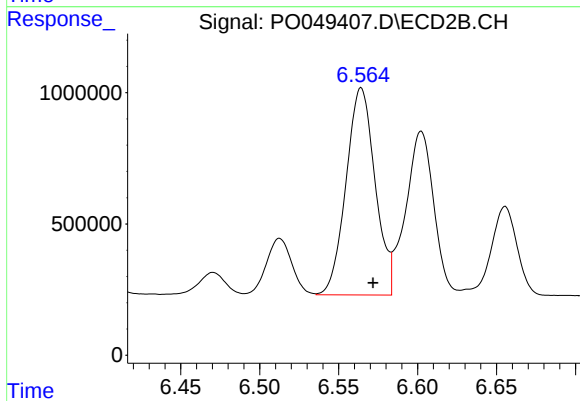
#29 AR-1254-4

R.T.: 6.471 min
Delta R.T.: 0.001 min
Response: 936012
Conc: 91.40 ng/ml



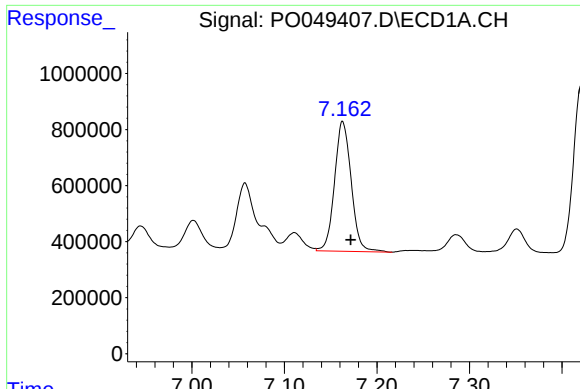
#30 AR-1254-5

R.T.: 7.550 min
Delta R.T.: -0.018 min
Response: 2582378
Conc: 279.35 ng/ml



#30 AR-1254-5

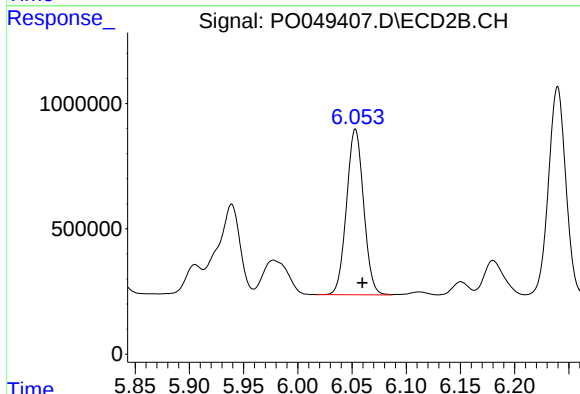
R.T.: 6.564 min
Delta R.T.: -0.008 min
Response: 10101491
Conc: 520.97 ng/ml



#31 AR-1260-1

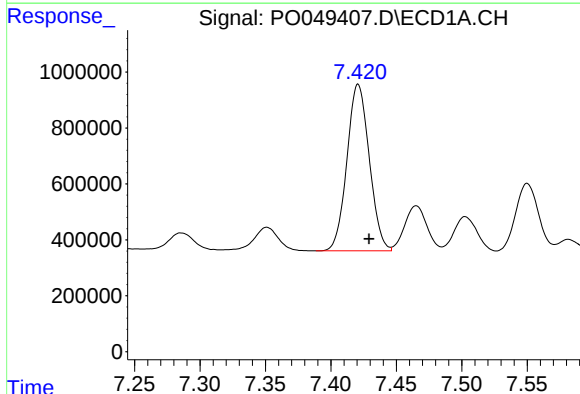
R.T.: 7.163 min
Delta R.T.: -0.009 min
Response: 5789272
Conc: 517.57 ng/ml

Instrument :
ECD_O
ClientSampleId :



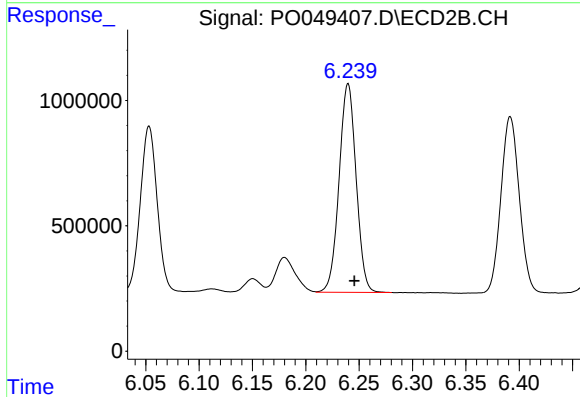
#31 AR-1260-1

R.T.: 6.053 min
Delta R.T.: -0.006 min
Response: 7241779
Conc: 503.64 ng/ml



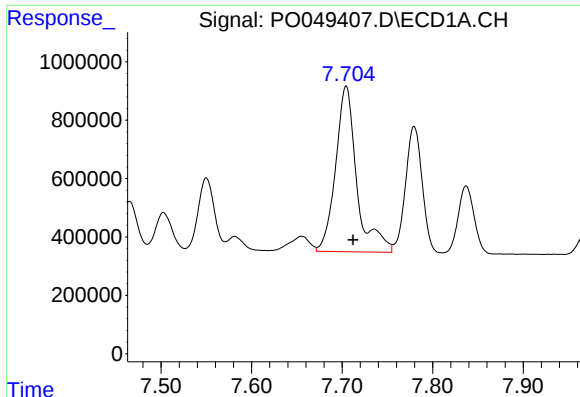
#32 AR-1260-2

R.T.: 7.421 min
Delta R.T.: -0.008 min
Response: 7074726
Conc: 527.27 ng/ml



#32 AR-1260-2

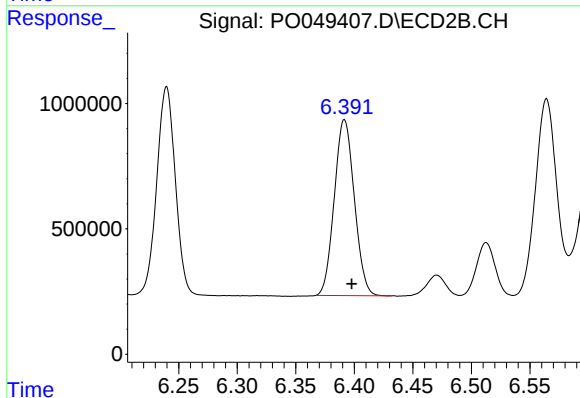
R.T.: 6.240 min
Delta R.T.: -0.006 min
Response: 9247899
Conc: 521.63 ng/ml



#33 AR-1260-3

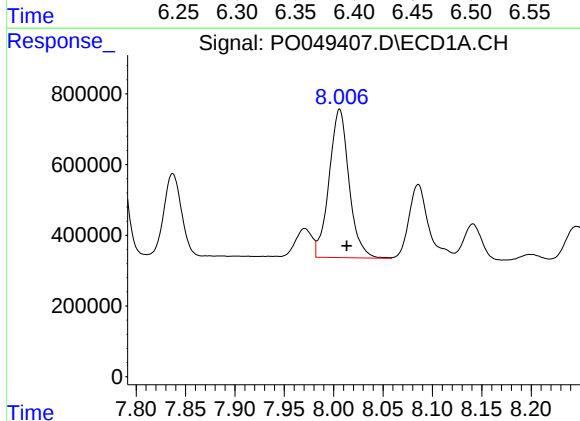
R.T.: 7.704 min
Delta R.T.: -0.008 min
Response: 9225758
Conc: 599.60 ng/ml

Instrument :
ECD_O
ClientSampleId :



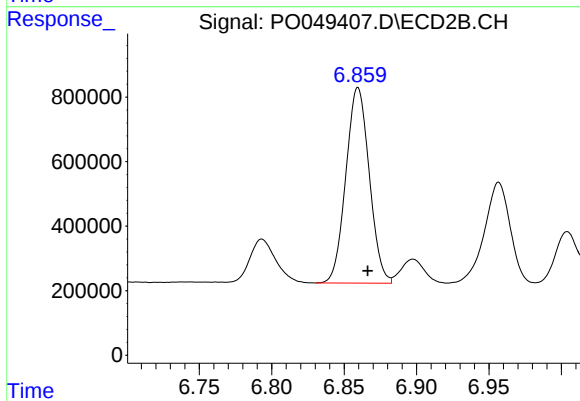
#33 AR-1260-3

R.T.: 6.392 min
Delta R.T.: -0.006 min
Response: 8353679
Conc: 507.50 ng/ml



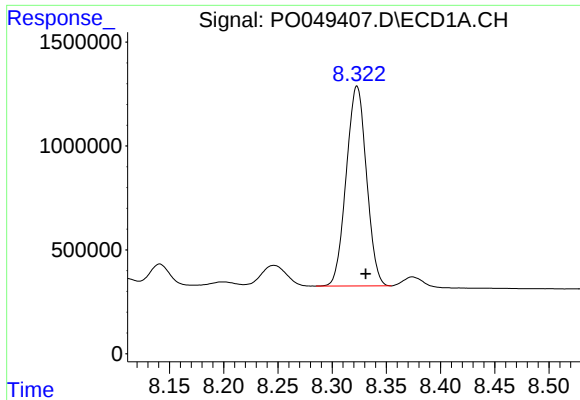
#34 AR-1260-4

R.T.: 8.006 min
Delta R.T.: -0.007 min
Response: 5894211
Conc: 538.63 ng/ml



#34 AR-1260-4

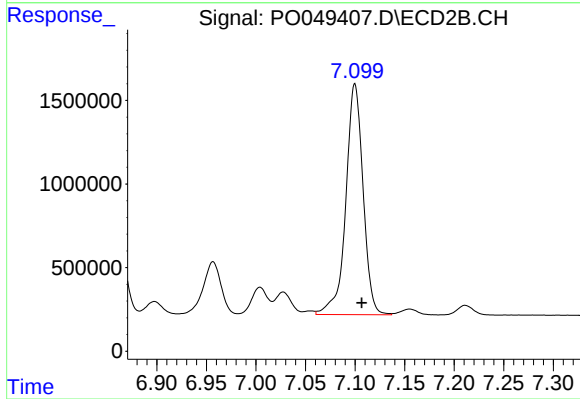
R.T.: 6.860 min
Delta R.T.: -0.007 min
Response: 6817376
Conc: 511.66 ng/ml



#35 AR-1260-5

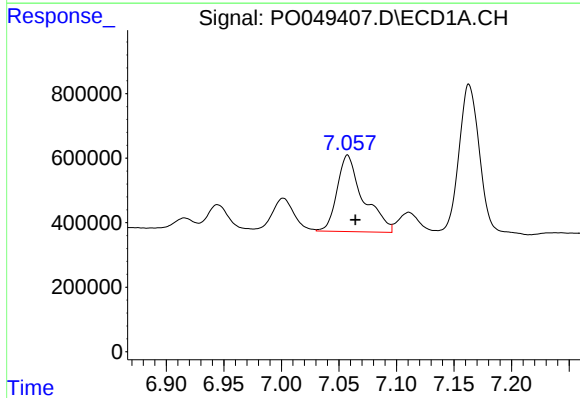
R.T.: 8.323 min
Delta R.T.: -0.008 min
Response: 12499735
Conc: 521.42 ng/ml

Instrument :
ECD_O
ClientSampleId :



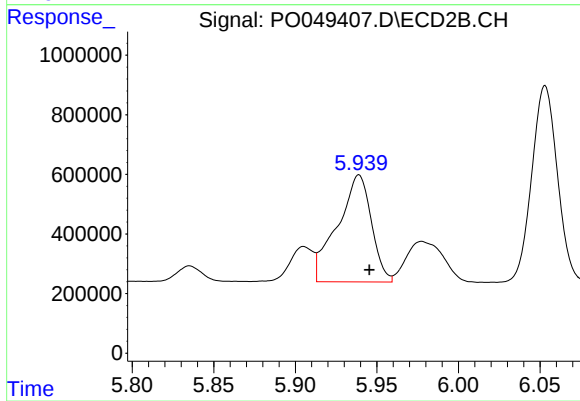
#35 AR-1260-5

R.T.: 7.100 min
Delta R.T.: -0.007 min
Response: 16761348
Conc: 535.08 ng/ml



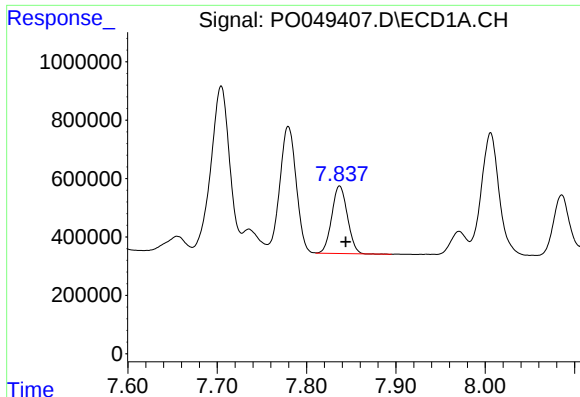
#36 AR-1262-1

R.T.: 7.058 min
Delta R.T.: -0.007 min
Response: 3755958
Conc: 575.09 ng/ml



#36 AR-1262-1

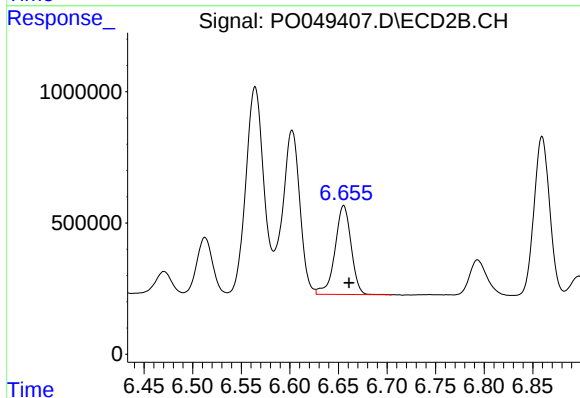
R.T.: 5.939 min
Delta R.T.: -0.006 min
Response: 5209604
Conc: 729.87 ng/ml



#37 AR-1262-2

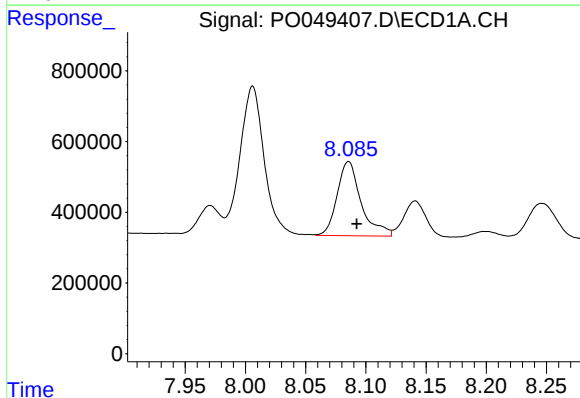
R.T.: 7.837 min
Delta R.T.: -0.007 min
Response: 2808442
Conc: 522.52 ng/ml

Instrument :
ECD_O
ClientSampleId :



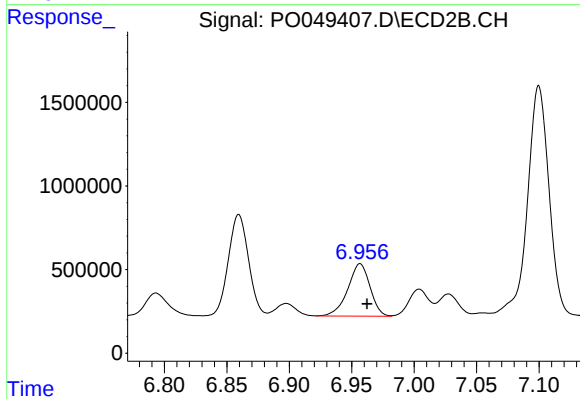
#37 AR-1262-2

R.T.: 6.655 min
Delta R.T.: -0.005 min
Response: 3933883
Conc: 536.18 ng/ml



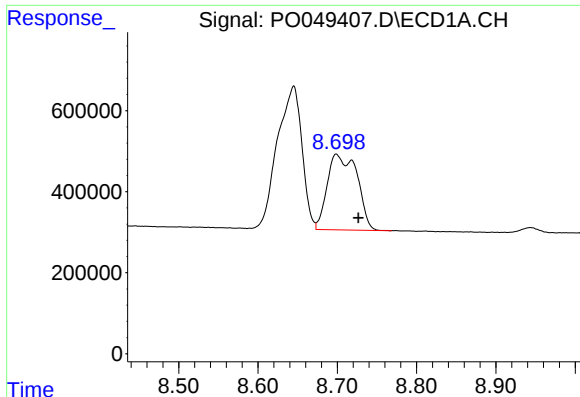
#38 AR-1262-3

R.T.: 8.085 min
Delta R.T.: -0.007 min
Response: 2915154
Conc: 507.31 ng/ml



#38 AR-1262-3

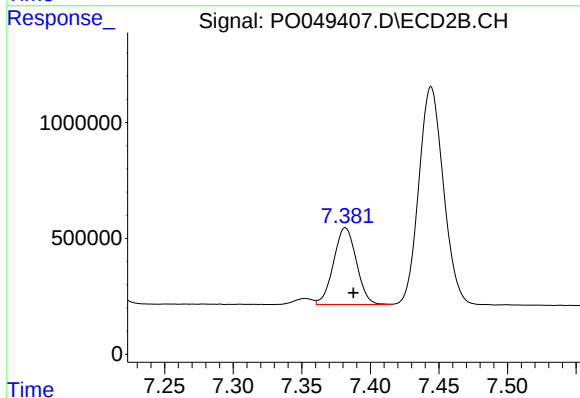
R.T.: 6.957 min
Delta R.T.: -0.006 min
Response: 3903008
Conc: 502.40 ng/ml



#39 AR-1262-4

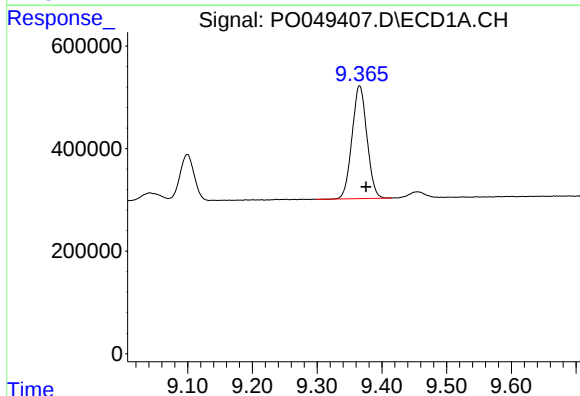
R.T.: 8.699 min
Delta R.T.: -0.027 min
Response: 4880653
Conc: 355.65 ng/ml

Instrument :
ECD_O
ClientSampleId :



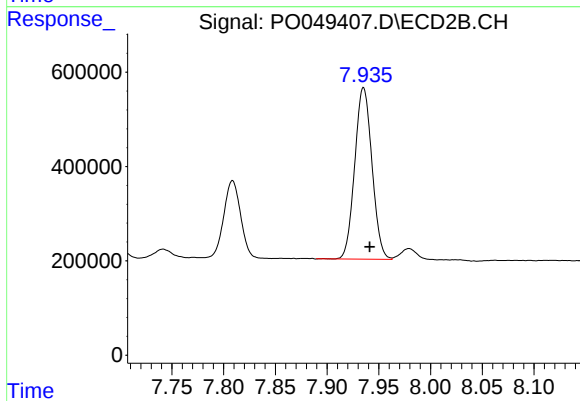
#39 AR-1262-4

R.T.: 7.382 min
Delta R.T.: -0.006 min
Response: 3845123
Conc: 315.62 ng/ml



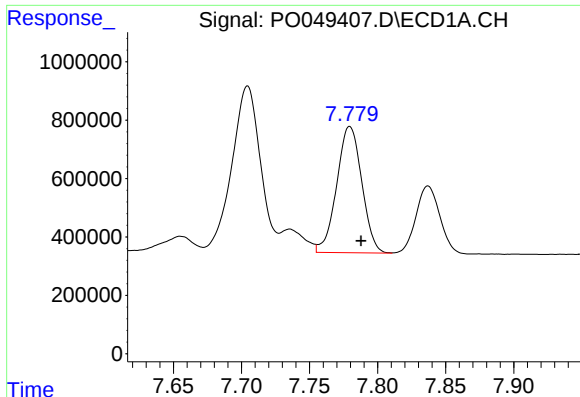
#40 AR-1262-5

R.T.: 9.366 min
Delta R.T.: -0.010 min
Response: 3516933
Conc: 337.61 ng/ml



#40 AR-1262-5

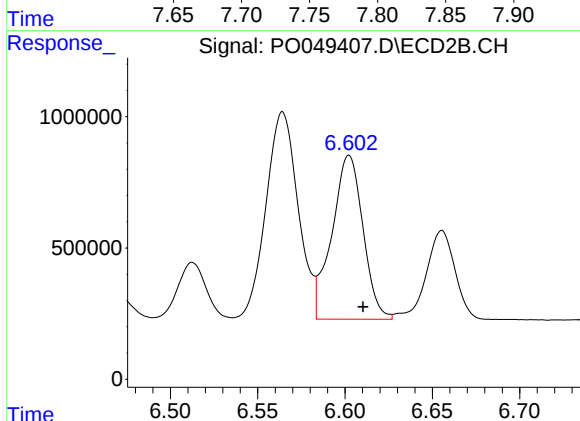
R.T.: 7.935 min
Delta R.T.: -0.006 min
Response: 4223555
Conc: 415.17 ng/ml



#41 AR-1268-1

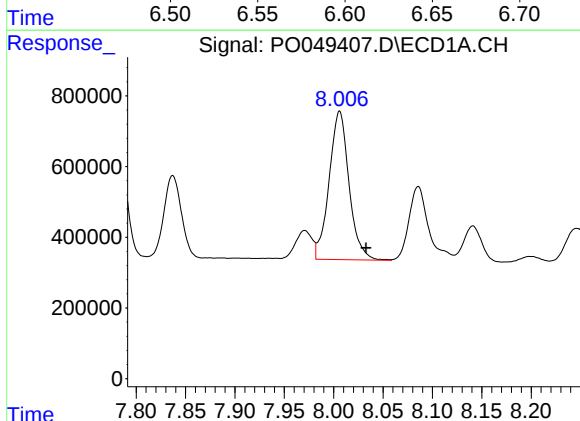
R.T.: 7.780 min
Delta R.T.: -0.008 min
Response: 5552173
Conc: 961.61 ng/ml

Instrument :
ECD_O
ClientSampleId :



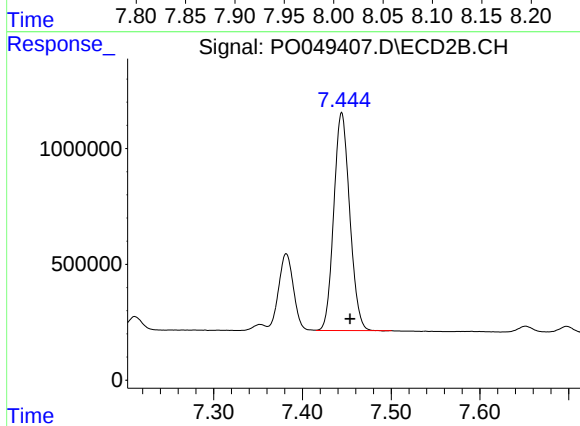
#41 AR-1268-1

R.T.: 6.602 min
Delta R.T.: -0.008 min
Response: 7744094
Conc: 1057.69 ng/ml



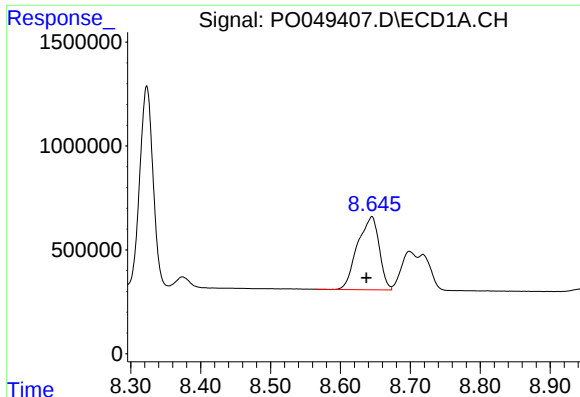
#42 AR-1268-2

R.T.: 8.006 min
Delta R.T.: -0.027 min
Response: 5894211
Conc: 772.45 ng/ml



#42 AR-1268-2

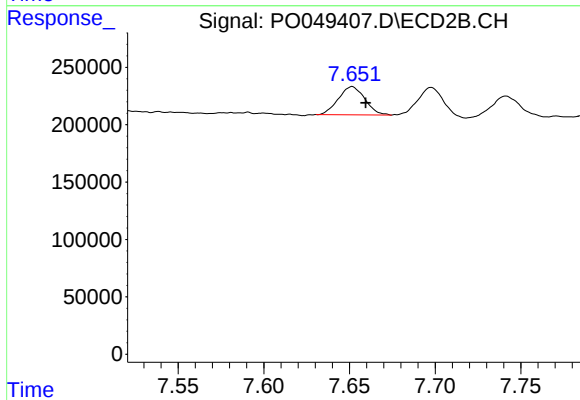
R.T.: 7.444 min
Delta R.T.: -0.010 min
Response: 11734668
Conc: 353.44 ng/ml



#43 AR-1268-3

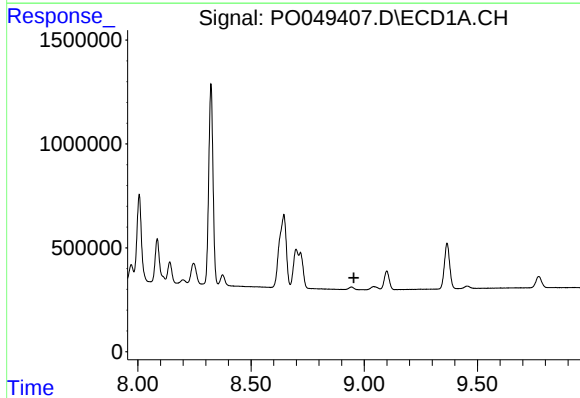
R.T.: 8.644 min
Delta R.T.: 0.007 min
Response: 7590743
Conc: 224.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



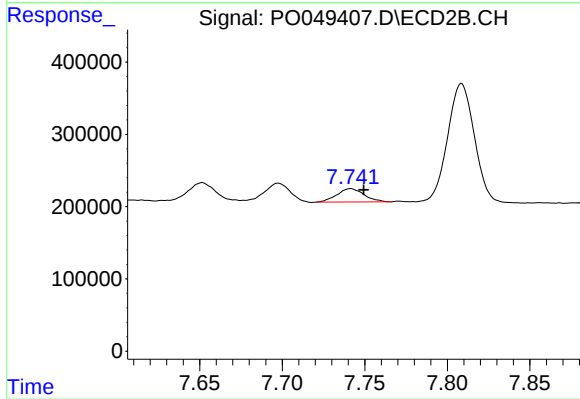
#43 AR-1268-3

R.T.: 7.652 min
Delta R.T.: -0.008 min
Response: 263964
Conc: 9.64 ng/ml



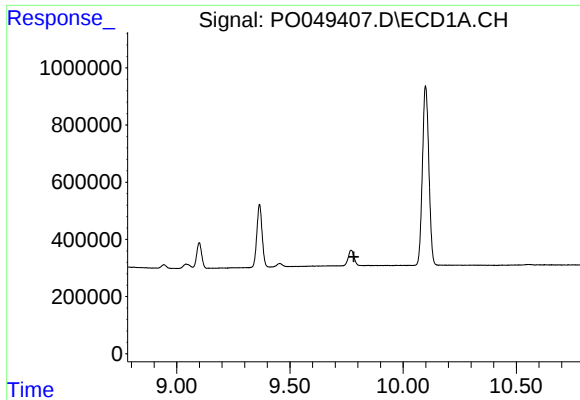
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 8.954 min
Response: 0
Conc: N.D.



#44 AR-1268-4

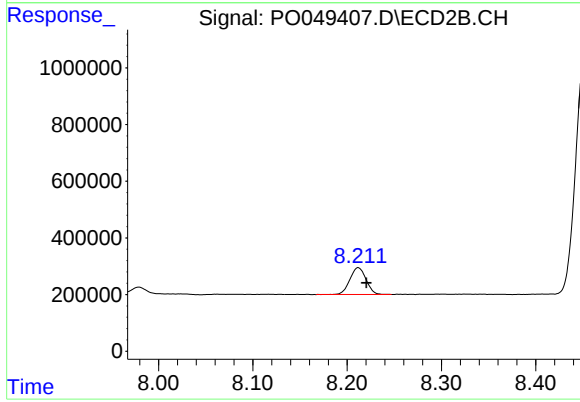
R.T.: 7.741 min
Delta R.T.: -0.008 min
Response: 210677
Conc: 27.10 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 9.783 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.212 min
Delta R.T.: -0.009 min
Response: 1130051
Conc: 15.24 ng/ml