

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0092018\
 Data File : P0049184.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 20 Sep 2018 17:17
 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 21 03:16:41 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...	4.398	3.524	9981381	10009612	53.756	48.437
2)	SA Decachlor...	10.116	8.460	12955400	10110193	47.131	49.387
Target Compounds							
3)	L1 AR-1016-1	5.108	4.187	2622215	2873347	556.110	502.073
4)	L1 AR-1016-2	5.302	4.593	2762815	4466339	571.122	513.355
5)	L1 AR-1016-3	5.570	4.612	4237399	6023607	566.748	521.966
6)	L1 AR-1016-4	5.655	4.666	3552924	4155188	546.543	517.419
7)	L1 AR-1016-5	6.049	5.036	2956102	3646748	549.338	526.832
8)	L2 AR-1221-1	4.606	3.734	288990	358936	145.352	147.723
9)	L2 AR-1221-2	4.697	3.818	421558	537219	292.263	298.350
10)	L2 AR-1221-3	4.773	3.894	1842138	1963326	365.259	351.456
11)	L3 AR-1232-1	5.499	4.375	547911	3031397	1403.388	1294.859
12)	L3 AR-1232-2	5.754	4.489	3034135	1014321	1507.527	1183.873
13)	L3 AR-1232-3	5.927	4.868	974245	3235234	1824.465	1487.773
14)	L3 AR-1232-4	6.257	5.183	758527	3259793	1576.580	1374.019
15)	L3 AR-1232-5	7.120	0.000	859356	0	2654.638	N.D. #
16)	L4 AR-1242-1	5.139	4.206	1460567	1620283	721.701	621.032
17)	L4 AR-1242-2	5.889	4.785	2603412	3441315	701.349	637.300
18)	L4 AR-1242-3	6.089	4.899	1199239	1117249	673.556	622.937
19)	L4 AR-1242-4	6.133	5.253	930052	1046001	681.112	659.055
20)	L4 AR-1242-5	6.190	5.621	3195003	411181	672.745	98.558 #
21)	L5 AR-1248-1	5.843	4.827	2492291	2596465	412.287	372.211
22)	L5 AR-1248-2	6.424	5.384	2895015	3685113	450.727	283.562 #
23)	L5 AR-1248-3	6.452	5.425	1161165	1015511	137.937	109.766
24)	L5 AR-1248-4	6.491	5.596	999309	266254	126.538	32.805 #
25)	L5 AR-1248-5	6.689	5.945	169360	4934342	32.595	804.806 #
26)	L6 AR-1254-1	6.642	5.530	2607674	2687529	176.219	219.045
27)	L6 AR-1254-2	6.925	5.841	456381	596552	49.753	55.745
28)	L6 AR-1254-3	7.011	6.156	1432723	530824	87.689	38.588 #
29)	L6 AR-1254-4	7.295	6.476	977042	903365	76.146	88.217
30)	L6 AR-1254-5	7.560	6.570	3471976	9367132	375.578	483.092 #
31)	L7 AR-1260-1	7.173	6.059	6327298	6800790	565.666	472.973
32)	L7 AR-1260-2	7.430	6.245	7927101	8344146	590.797	470.651
33)	L7 AR-1260-3	7.714	6.397	9169489	7784041	595.947	472.896
34)	L7 AR-1260-4	8.014	6.865	6471359	6285209	591.373	471.719
35)	L7 AR-1260-5	8.332	7.106	13379553	14760148	558.125	471.198
36)	L8 AR-1262-1	7.067	5.945	4303990	4934342	659.007	691.303
37)	L8 AR-1262-2	7.847	6.661	3238081	3618401	602.459	493.178
38)	L8 AR-1262-3	8.094	6.962	3264869	3595203	568.172	462.775
39)	L8 AR-1262-4	8.728	7.388	2190635	3354231	159.630	275.326 #
40)	L8 AR-1262-5	9.378	7.942	3585549	3641148	344.193	357.917
41)	L9 AR-1268-1	7.789	6.608	6084082	6977443	1053.736	952.981

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Acq On : 20 Sep 2018 17:17
Operator : SM/SJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

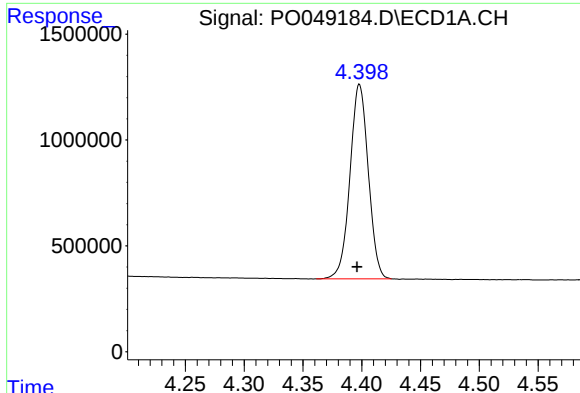
Instrument :
ECD_O
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 21 03:16:41 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	8.014	7.451	6471359	10327915	848.086	311.070 #
43)	L9 AR-1268-3	8.655	7.658	8041395	267040	237.357	9.748 #
44)	L9 AR-1268-4	8.954	7.748	213690	190511	7.464	24.510 #
45)	L9 AR-1268-5	9.784	8.218	1080442	1003962	11.303	13.542

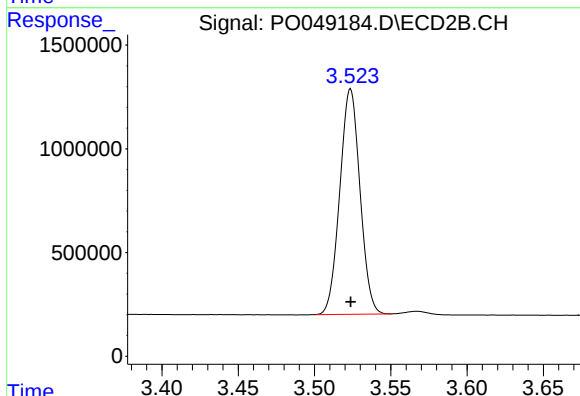
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

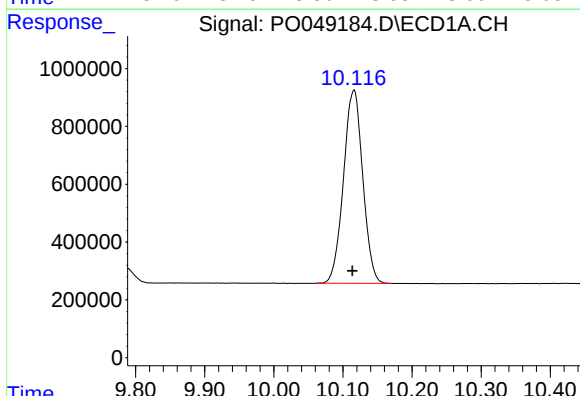
R.T.: 4.398 min
Delta R.T.: 0.002 min
Response: 9981381
Conc: 53.76 ng/ml

Instrument :
ECD_O
ClientSampleId :



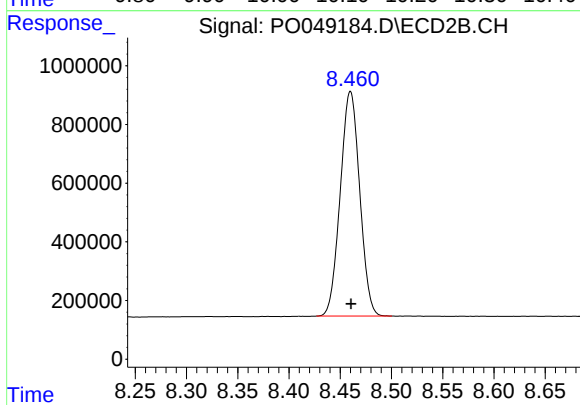
#1 Tetrachloro-m-xylene

R.T.: 3.524 min
Delta R.T.: 0.000 min
Response: 10009612
Conc: 48.44 ng/ml



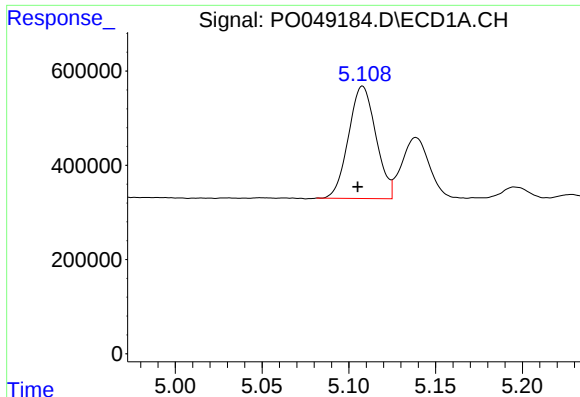
#2 Decachlorobiphenyl

R.T.: 10.116 min
Delta R.T.: 0.002 min
Response: 12955400
Conc: 47.13 ng/ml



#2 Decachlorobiphenyl

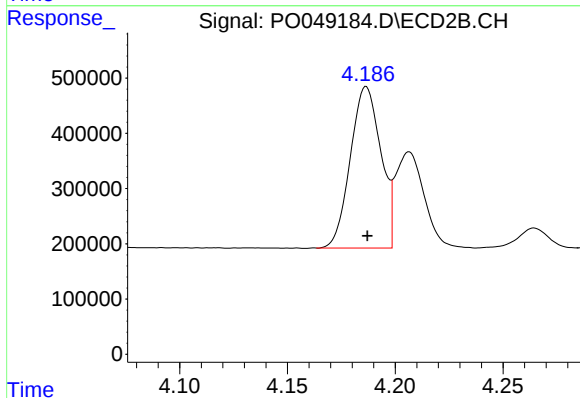
R.T.: 8.460 min
Delta R.T.: 0.000 min
Response: 10110193
Conc: 49.39 ng/ml



#3 AR-1016-1

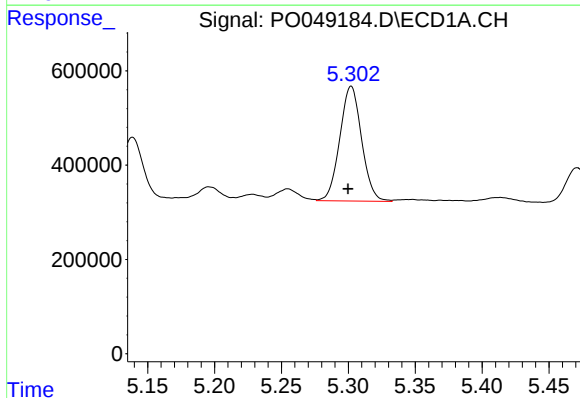
R.T.: 5.108 min
Delta R.T.: 0.003 min
Response: 2622215
Conc: 556.11 ng/ml

Instrument :
ECD_O
ClientSampleId :



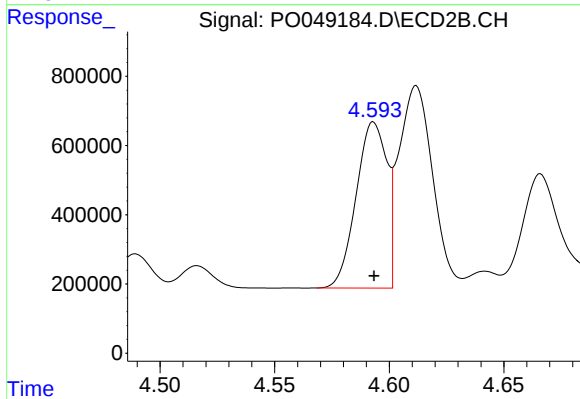
#3 AR-1016-1

R.T.: 4.187 min
Delta R.T.: 0.000 min
Response: 2873347
Conc: 502.07 ng/ml



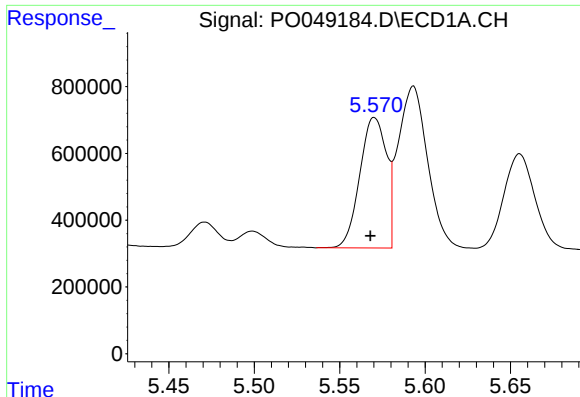
#4 AR-1016-2

R.T.: 5.302 min
Delta R.T.: 0.002 min
Response: 2762815
Conc: 571.12 ng/ml



#4 AR-1016-2

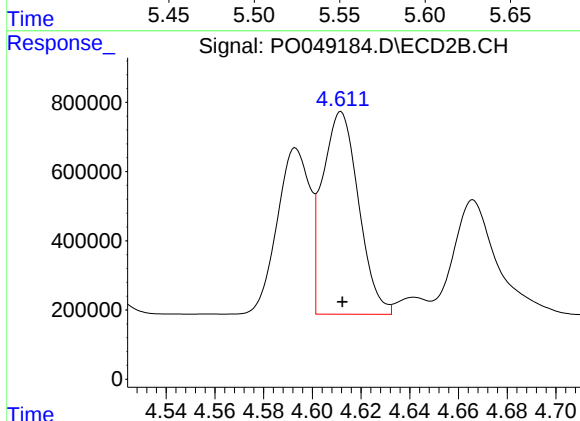
R.T.: 4.593 min
Delta R.T.: 0.000 min
Response: 4466339
Conc: 513.35 ng/ml



#5 AR-1016-3

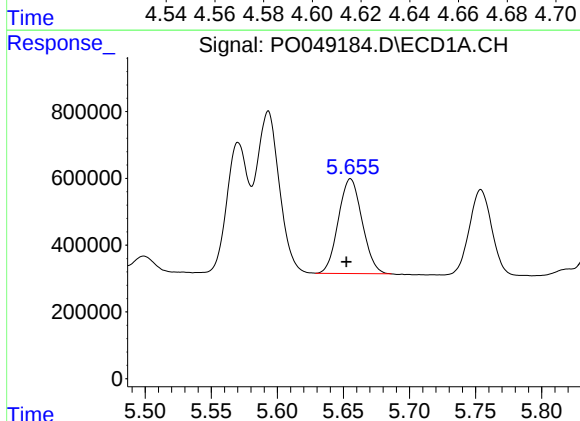
R.T.: 5.570 min
Delta R.T.: 0.002 min
Response: 4237399
Conc: 566.75 ng/ml

Instrument :
ECD_O
ClientSampleId :



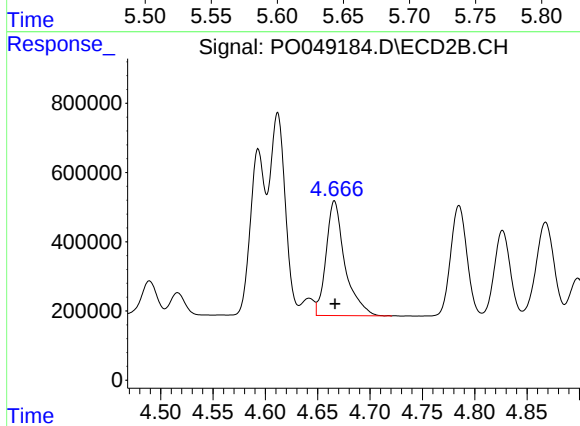
#5 AR-1016-3

R.T.: 4.612 min
Delta R.T.: 0.000 min
Response: 6023607
Conc: 521.97 ng/ml



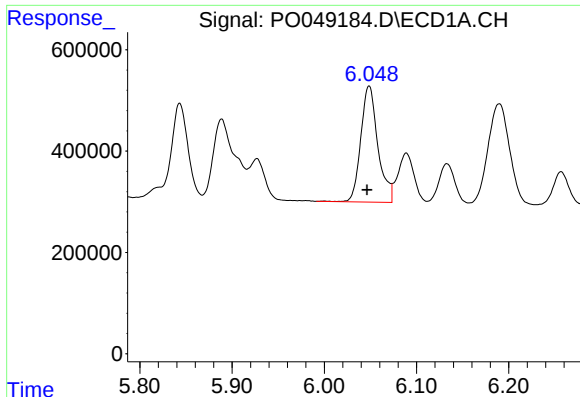
#6 AR-1016-4

R.T.: 5.655 min
Delta R.T.: 0.003 min
Response: 3552924
Conc: 546.54 ng/ml



#6 AR-1016-4

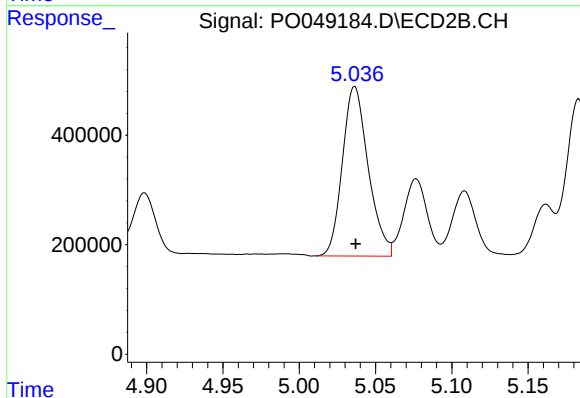
R.T.: 4.666 min
Delta R.T.: 0.000 min
Response: 4155188
Conc: 517.42 ng/ml



#7 AR-1016-5

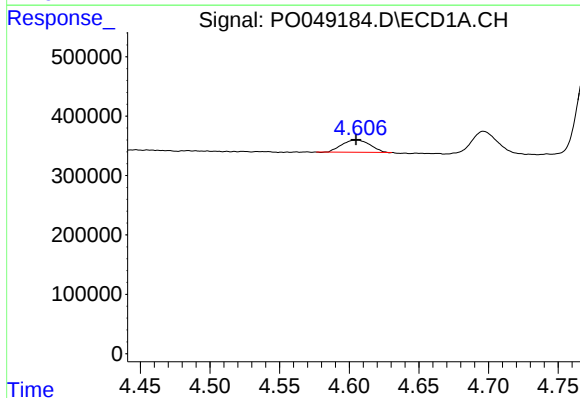
R.T.: 6.049 min
Delta R.T.: 0.002 min
Response: 2956102
Conc: 549.34 ng/ml

Instrument :
ECD_O
ClientSampleId :



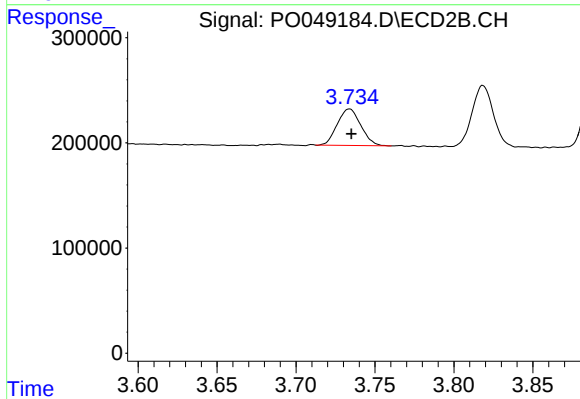
#7 AR-1016-5

R.T.: 5.036 min
Delta R.T.: 0.000 min
Response: 3646748
Conc: 526.83 ng/ml



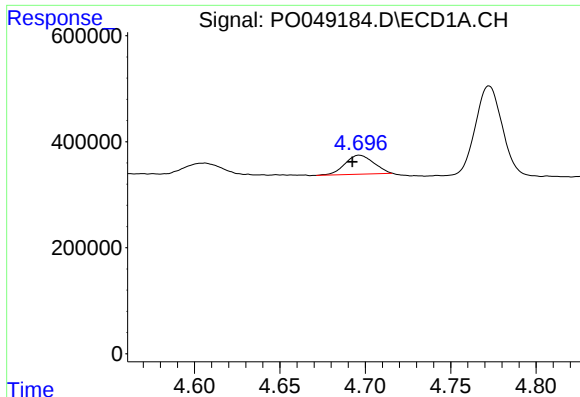
#8 AR-1221-1

R.T.: 4.606 min
Delta R.T.: 0.000 min
Response: 288990
Conc: 145.35 ng/ml



#8 AR-1221-1

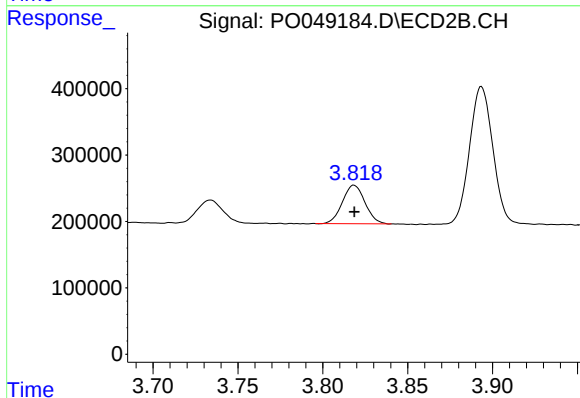
R.T.: 3.734 min
Delta R.T.: -0.001 min
Response: 358936
Conc: 147.72 ng/ml



#9 AR-1221-2

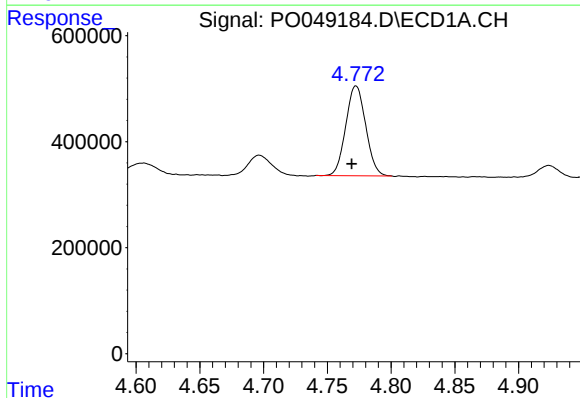
R.T.: 4.697 min
Delta R.T.: 0.004 min
Response: 421558
Conc: 292.26 ng/ml

Instrument :
ECD_O
ClientSampleId :



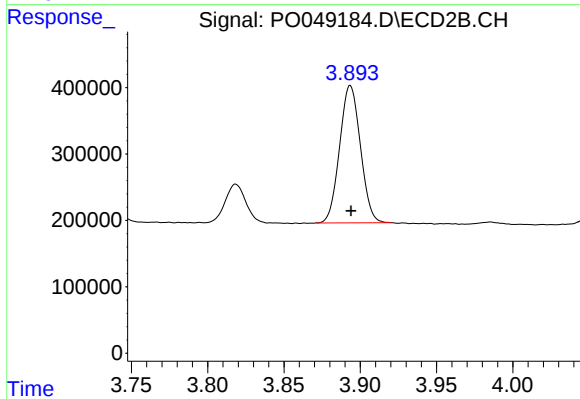
#9 AR-1221-2

R.T.: 3.818 min
Delta R.T.: 0.000 min
Response: 537219
Conc: 298.35 ng/ml



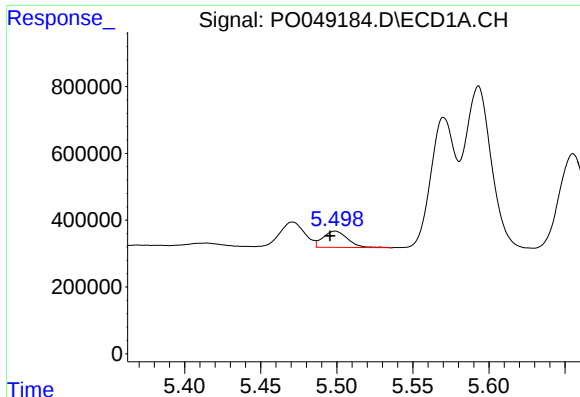
#10 AR-1221-3

R.T.: 4.773 min
Delta R.T.: 0.003 min
Response: 1842138
Conc: 365.26 ng/ml



#10 AR-1221-3

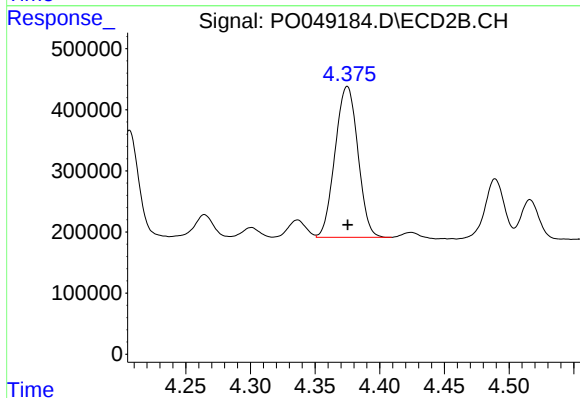
R.T.: 3.894 min
Delta R.T.: 0.000 min
Response: 1963326
Conc: 351.46 ng/ml



#11 AR-1232-1

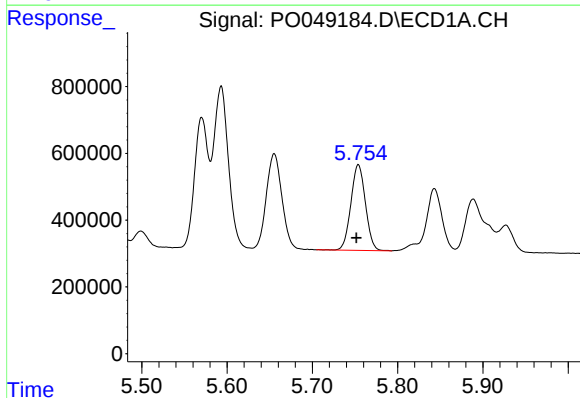
R.T.: 5.499 min
Delta R.T.: 0.003 min
Response: 547911
Conc: 1403.39 ng/ml

Instrument :
ECD_O
ClientSampleId :



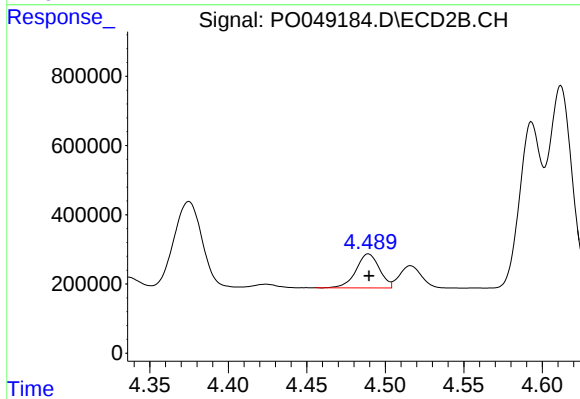
#11 AR-1232-1

R.T.: 4.375 min
Delta R.T.: 0.000 min
Response: 3031397
Conc: 1294.86 ng/ml



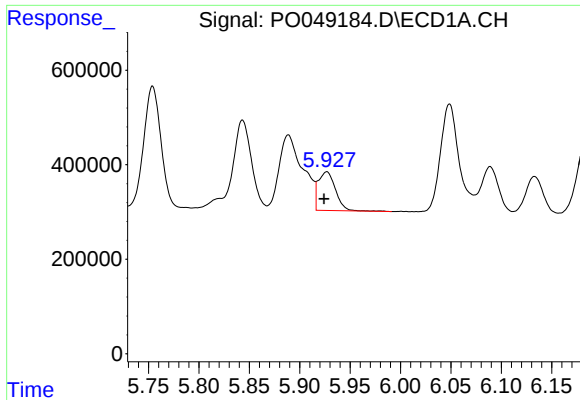
#12 AR-1232-2

R.T.: 5.754 min
Delta R.T.: 0.002 min
Response: 3034135
Conc: 1507.53 ng/ml



#12 AR-1232-2

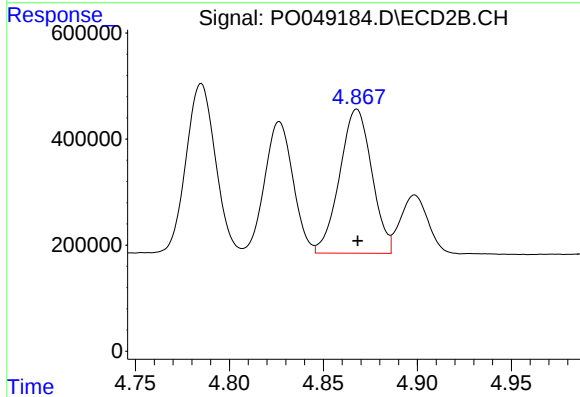
R.T.: 4.489 min
Delta R.T.: 0.000 min
Response: 1014321
Conc: 1183.87 ng/ml



#13 AR-1232-3

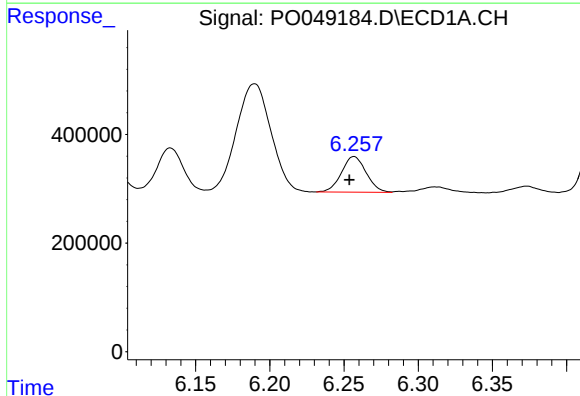
R.T.: 5.927 min
Delta R.T.: 0.003 min
Response: 974245
Conc: 1824.47 ng/ml

Instrument :
ECD_O
ClientSampleId :



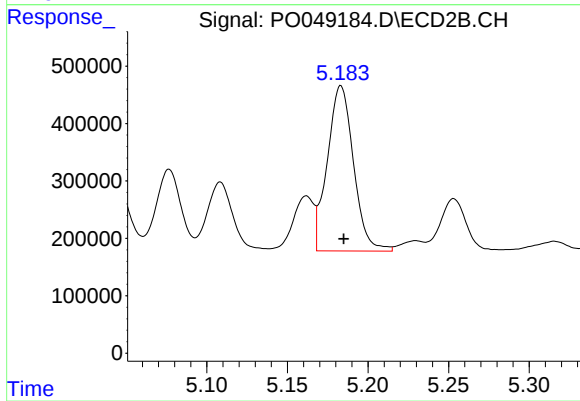
#13 AR-1232-3

R.T.: 4.868 min
Delta R.T.: 0.000 min
Response: 3235234
Conc: 1487.77 ng/ml



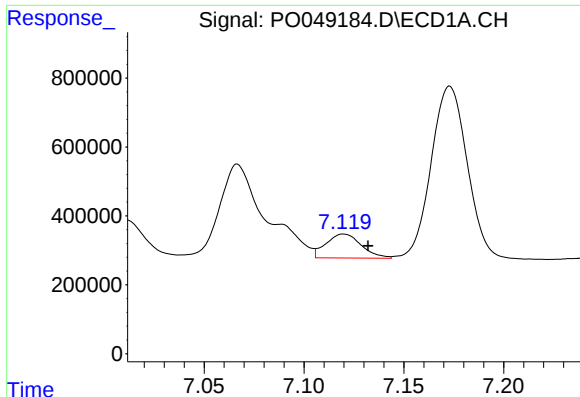
#14 AR-1232-4

R.T.: 6.257 min
Delta R.T.: 0.003 min
Response: 758527
Conc: 1576.58 ng/ml



#14 AR-1232-4

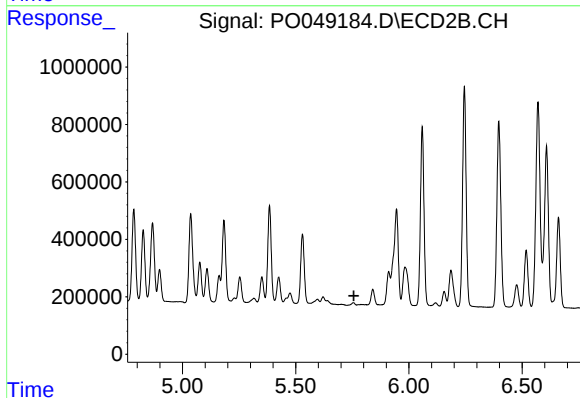
R.T.: 5.183 min
Delta R.T.: -0.002 min
Response: 3259793
Conc: 1374.02 ng/ml



#15 AR-1232-5

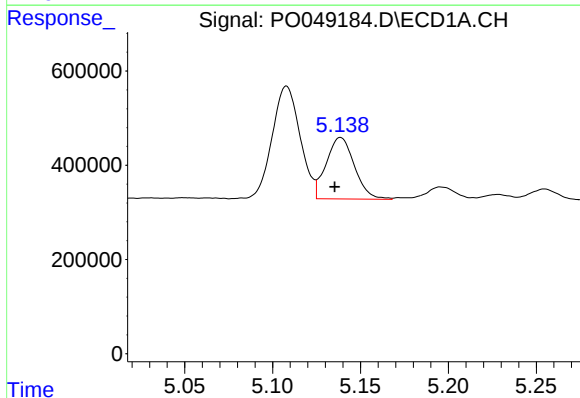
R.T.: 7.120 min
Delta R.T.: -0.012 min
Response: 859356
Conc: 2654.64 ng/ml

Instrument :
ECD_O
ClientSampleId :



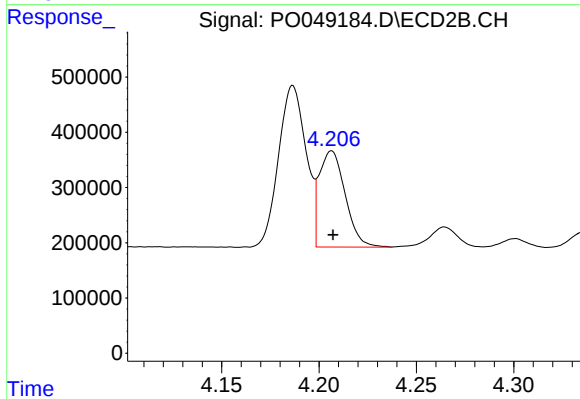
#15 AR-1232-5

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



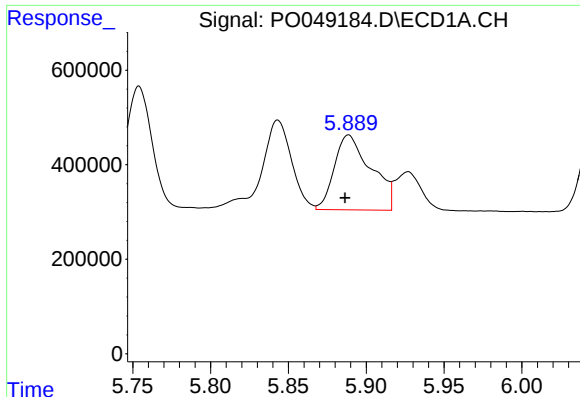
#16 AR-1242-1

R.T.: 5.139 min
Delta R.T.: 0.003 min
Response: 1460567
Conc: 721.70 ng/ml



#16 AR-1242-1

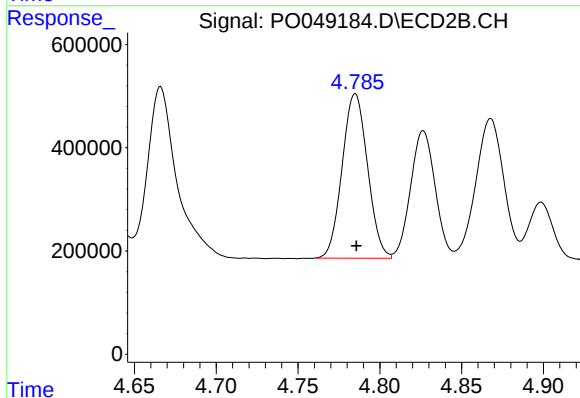
R.T.: 4.206 min
Delta R.T.: 0.000 min
Response: 1620283
Conc: 621.03 ng/ml



#17 AR-1242-2

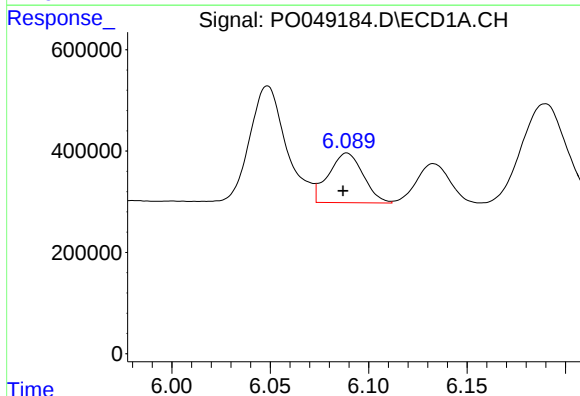
R.T.: 5.889 min
Delta R.T.: 0.002 min
Response: 2603412
Conc: 701.35 ng/ml

Instrument :
ECD_O
ClientSampleId :



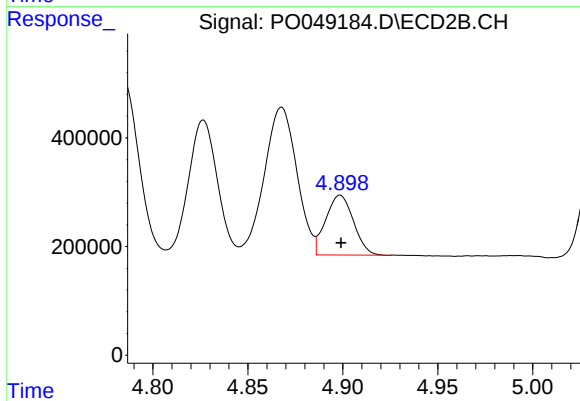
#17 AR-1242-2

R.T.: 4.785 min
Delta R.T.: 0.000 min
Response: 3441315
Conc: 637.30 ng/ml



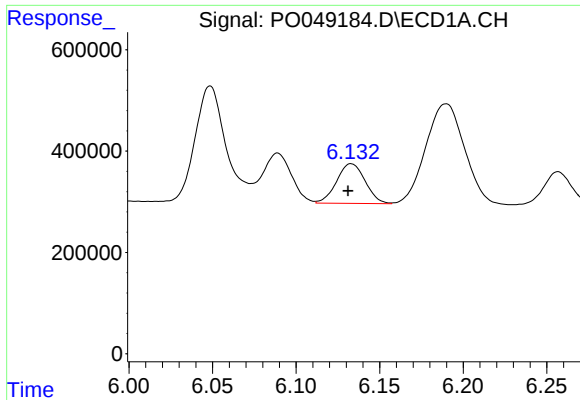
#18 AR-1242-3

R.T.: 6.089 min
Delta R.T.: 0.002 min
Response: 1199239
Conc: 673.56 ng/ml



#18 AR-1242-3

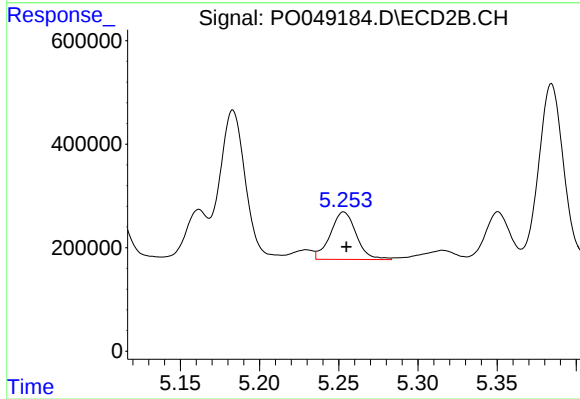
R.T.: 4.899 min
Delta R.T.: 0.000 min
Response: 1117249
Conc: 622.94 ng/ml



#19 AR-1242-4

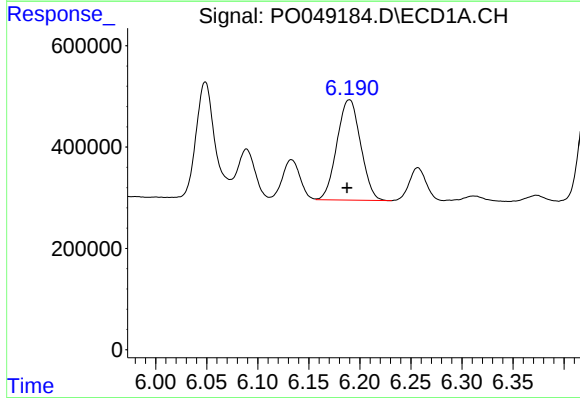
R.T.: 6.133 min
Delta R.T.: 0.002 min
Response: 930052
Conc: 681.11 ng/ml

Instrument :
ECD_O
ClientSampleId :



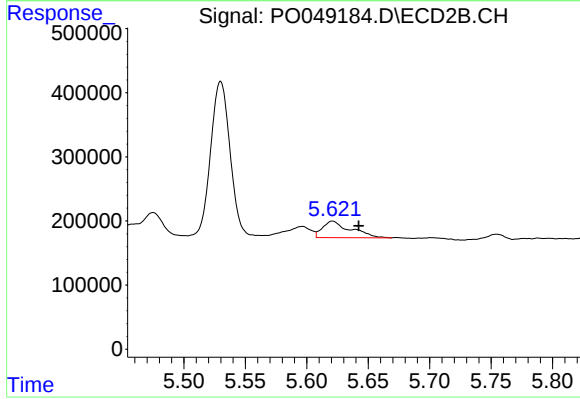
#19 AR-1242-4

R.T.: 5.253 min
Delta R.T.: -0.002 min
Response: 1046001
Conc: 659.05 ng/ml



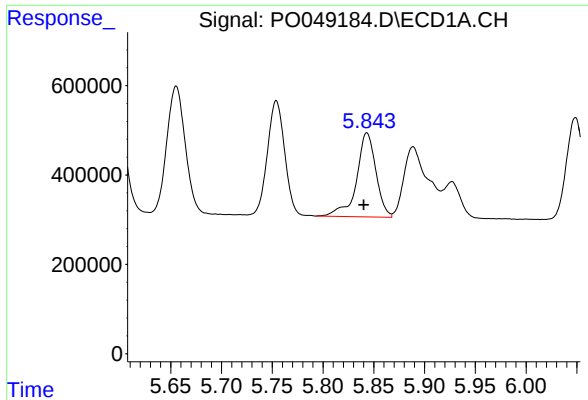
#20 AR-1242-5

R.T.: 6.190 min
Delta R.T.: 0.002 min
Response: 3195003
Conc: 672.74 ng/ml



#20 AR-1242-5

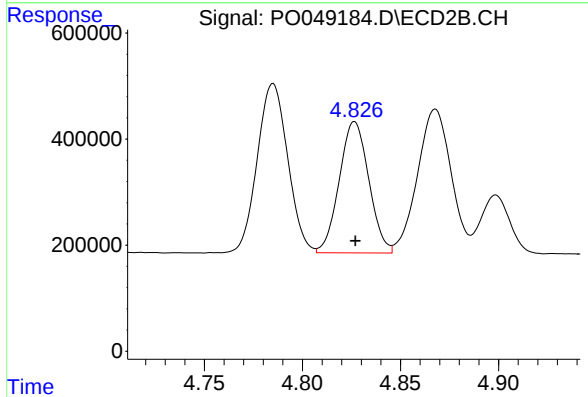
R.T.: 5.621 min
Delta R.T.: -0.021 min
Response: 411181
Conc: 98.56 ng/ml



#21 AR-1248-1

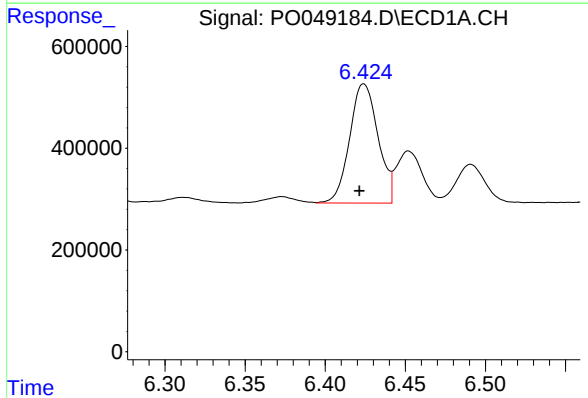
R.T.: 5.843 min
Delta R.T.: 0.003 min
Response: 2492291
Conc: 412.29 ng/ml

Instrument :
ECD_O
ClientSampleId :



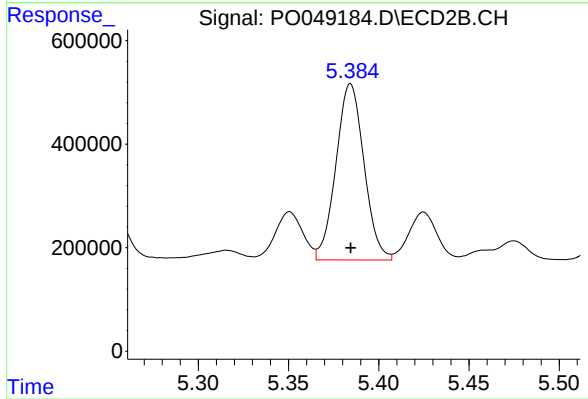
#21 AR-1248-1

R.T.: 4.827 min
Delta R.T.: 0.000 min
Response: 2596465
Conc: 372.21 ng/ml



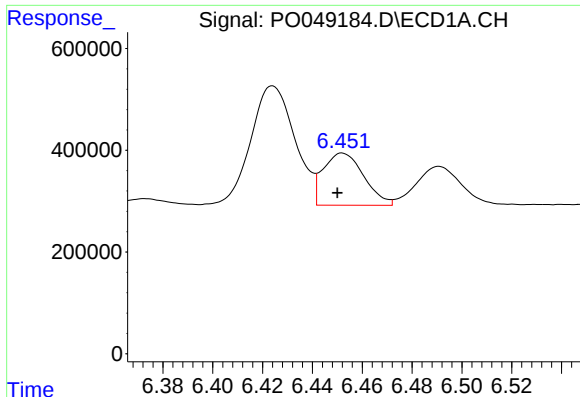
#22 AR-1248-2

R.T.: 6.424 min
Delta R.T.: 0.003 min
Response: 2895015
Conc: 450.73 ng/ml



#22 AR-1248-2

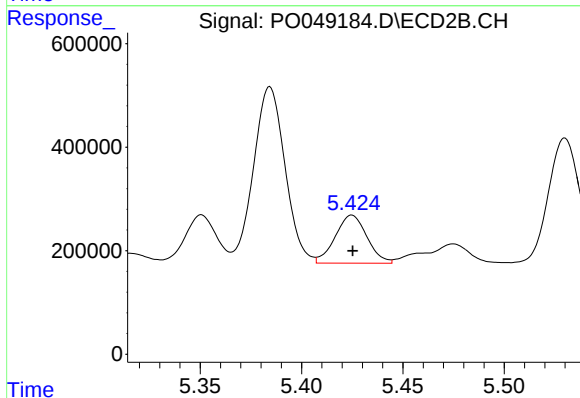
R.T.: 5.384 min
Delta R.T.: 0.000 min
Response: 3685113
Conc: 283.56 ng/ml



#23 AR-1248-3

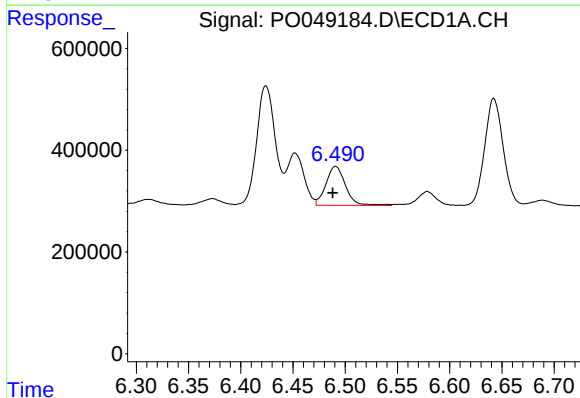
R.T.: 6.452 min
Delta R.T.: 0.002 min
Response: 1161165
Conc: 137.94 ng/ml

Instrument :
ECD_O
ClientSampleId :



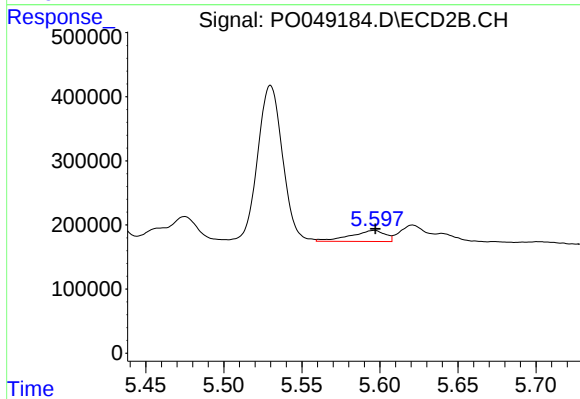
#23 AR-1248-3

R.T.: 5.425 min
Delta R.T.: 0.000 min
Response: 1015511
Conc: 109.77 ng/ml



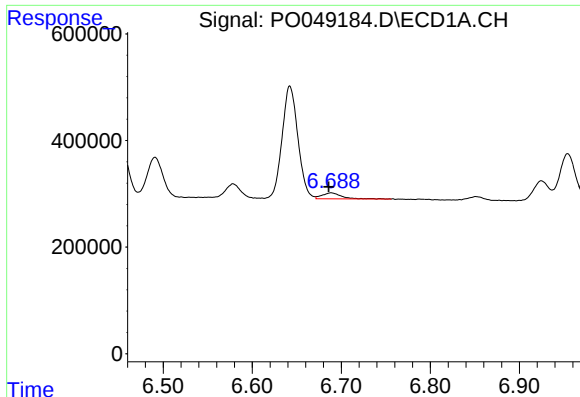
#24 AR-1248-4

R.T.: 6.491 min
Delta R.T.: 0.003 min
Response: 999309
Conc: 126.54 ng/ml



#24 AR-1248-4

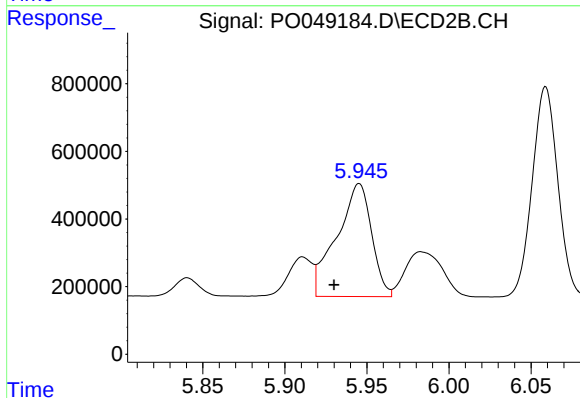
R.T.: 5.596 min
Delta R.T.: 0.000 min
Response: 266254
Conc: 32.81 ng/ml



#25 AR-1248-5

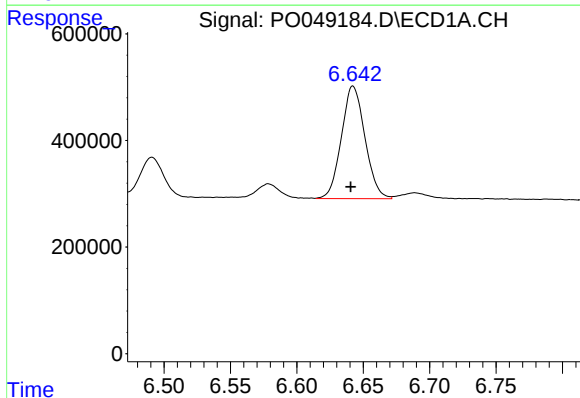
R.T.: 6.689 min
Delta R.T.: 0.003 min
Response: 169360
Conc: 32.59 ng/ml

Instrument :
ECD_O
ClientSampleId :



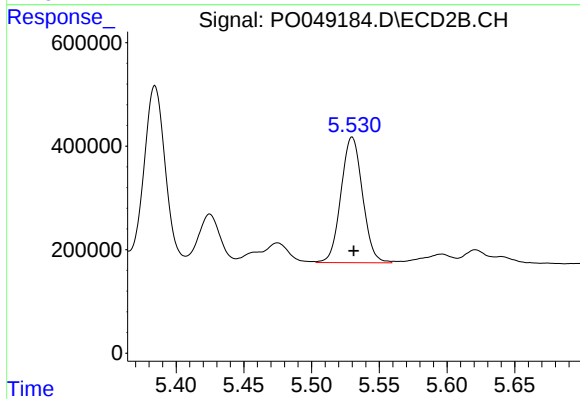
#25 AR-1248-5

R.T.: 5.945 min
Delta R.T.: 0.015 min
Response: 4934342
Conc: 804.81 ng/ml



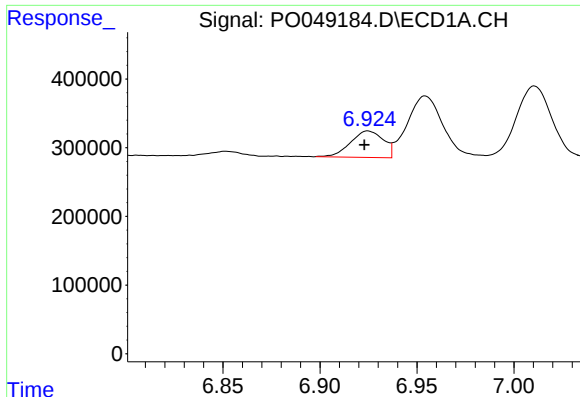
#26 AR-1254-1

R.T.: 6.642 min
Delta R.T.: 0.002 min
Response: 2607674
Conc: 176.22 ng/ml



#26 AR-1254-1

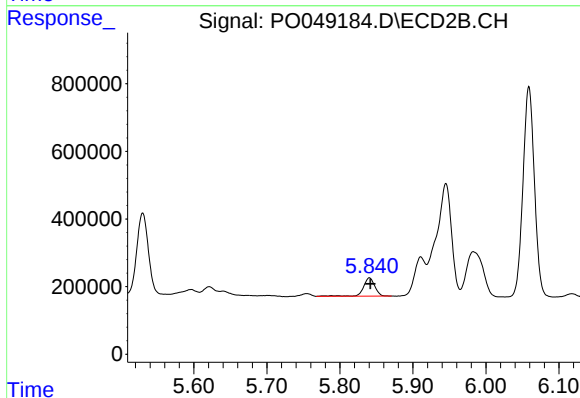
R.T.: 5.530 min
Delta R.T.: -0.001 min
Response: 2687529
Conc: 219.05 ng/ml



#27 AR-1254-2

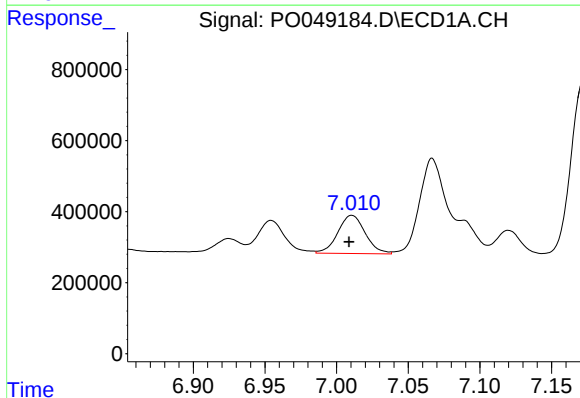
R.T.: 6.925 min
Delta R.T.: 0.002 min
Response: 456381
Conc: 49.75 ng/ml

Instrument :
ECD_O
ClientSampleId :



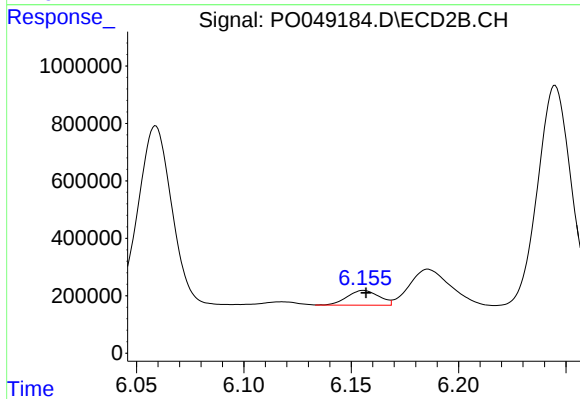
#27 AR-1254-2

R.T.: 5.841 min
Delta R.T.: -0.001 min
Response: 596552
Conc: 55.75 ng/ml



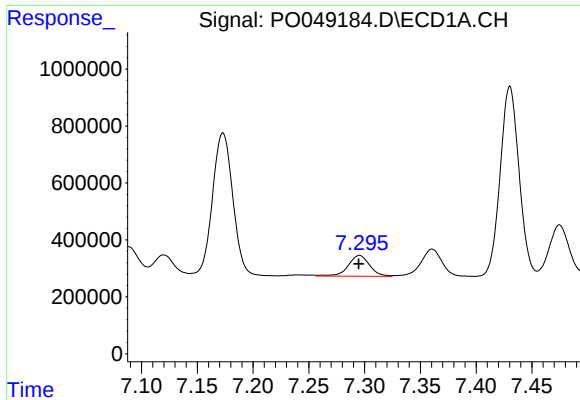
#28 AR-1254-3

R.T.: 7.011 min
Delta R.T.: 0.002 min
Response: 1432723
Conc: 87.69 ng/ml



#28 AR-1254-3

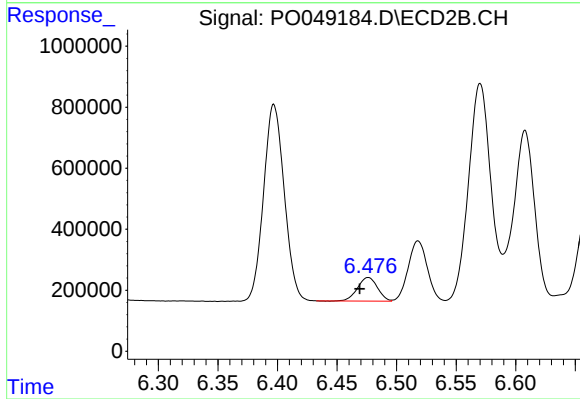
R.T.: 6.156 min
Delta R.T.: -0.001 min
Response: 530824
Conc: 38.59 ng/ml



#29 AR-1254-4

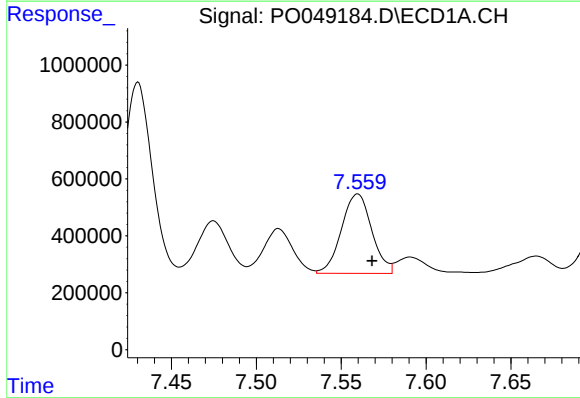
R.T.: 7.295 min
Delta R.T.: 0.000 min
Response: 977042
Conc: 76.15 ng/ml

Instrument :
ECD_O
ClientSampleId :



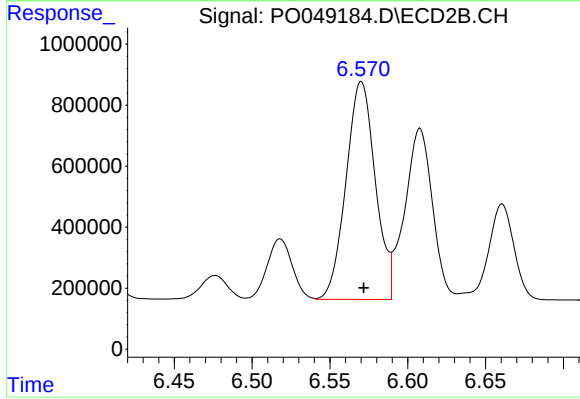
#29 AR-1254-4

R.T.: 6.476 min
Delta R.T.: 0.007 min
Response: 903365
Conc: 88.22 ng/ml



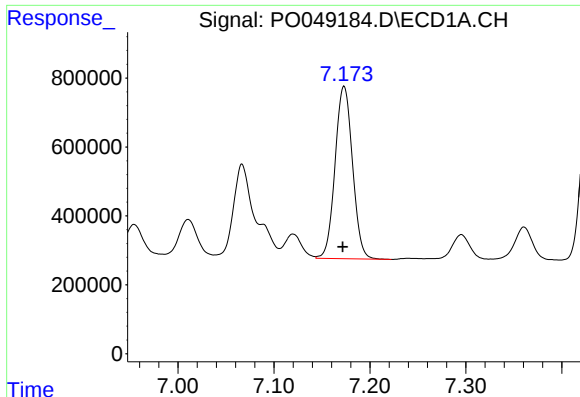
#30 AR-1254-5

R.T.: 7.560 min
Delta R.T.: -0.009 min
Response: 3471976
Conc: 375.58 ng/ml



#30 AR-1254-5

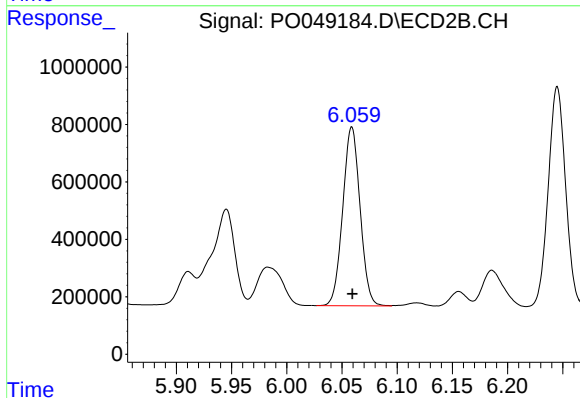
R.T.: 6.570 min
Delta R.T.: -0.002 min
Response: 9367132
Conc: 483.09 ng/ml



#31 AR-1260-1

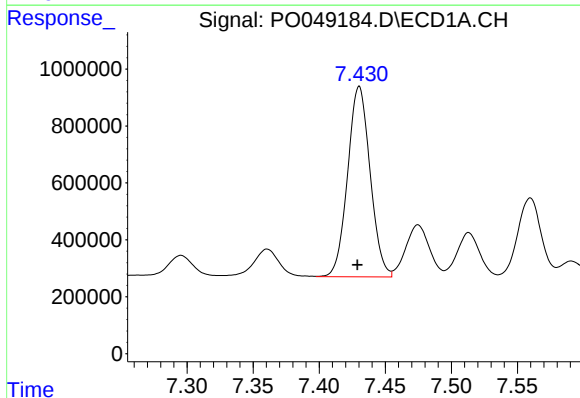
R.T.: 7.173 min
Delta R.T.: 0.001 min
Response: 6327298
Conc: 565.67 ng/ml

Instrument :
ECD_O
ClientSampleId :



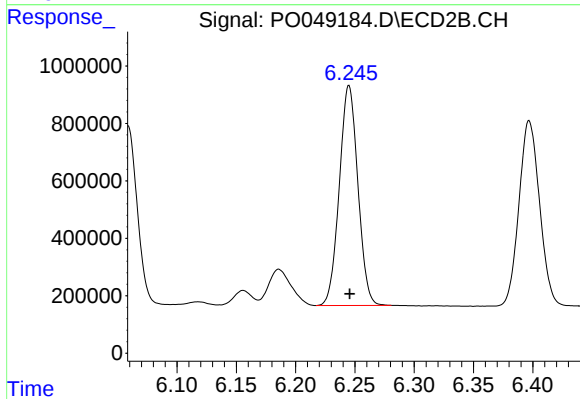
#31 AR-1260-1

R.T.: 6.059 min
Delta R.T.: 0.000 min
Response: 6800790
Conc: 472.97 ng/ml



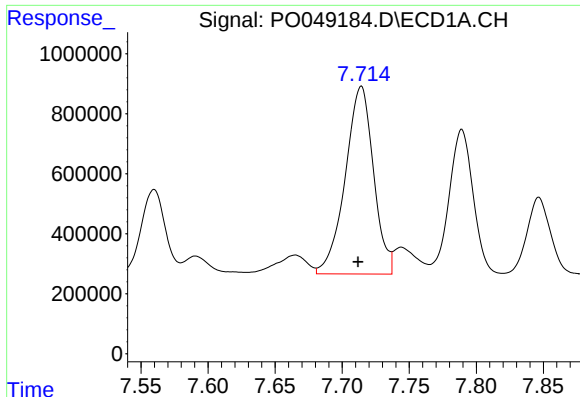
#32 AR-1260-2

R.T.: 7.430 min
Delta R.T.: 0.001 min
Response: 7927101
Conc: 590.80 ng/ml



#32 AR-1260-2

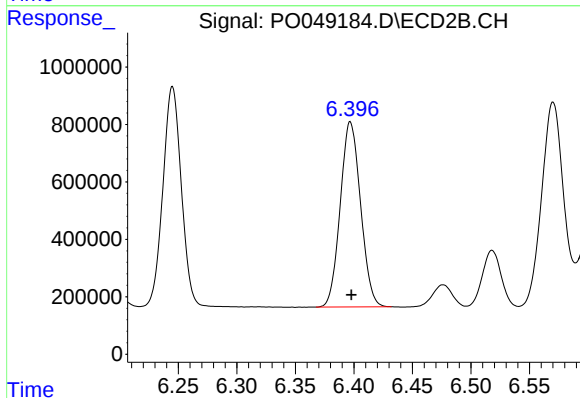
R.T.: 6.245 min
Delta R.T.: 0.000 min
Response: 8344146
Conc: 470.65 ng/ml



#33 AR-1260-3

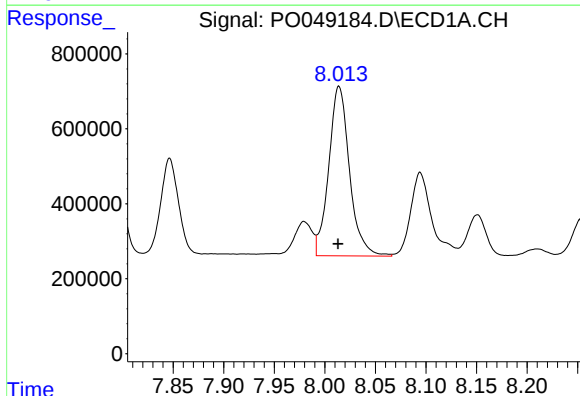
R.T.: 7.714 min
Delta R.T.: 0.002 min
Response: 9169489
Conc: 595.95 ng/ml

Instrument :
ECD_O
ClientSampleId :



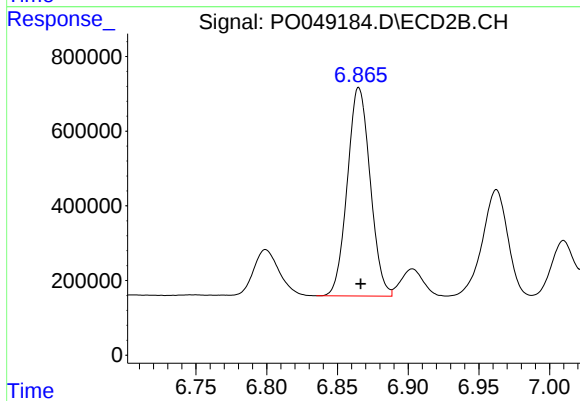
#33 AR-1260-3

R.T.: 6.397 min
Delta R.T.: 0.000 min
Response: 7784041
Conc: 472.90 ng/ml



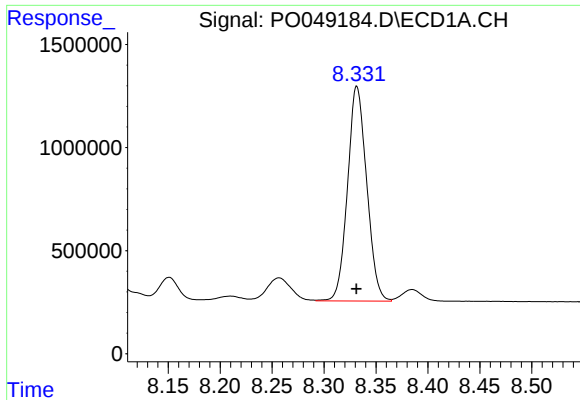
#34 AR-1260-4

R.T.: 8.014 min
Delta R.T.: 0.000 min
Response: 6471359
Conc: 591.37 ng/ml



#34 AR-1260-4

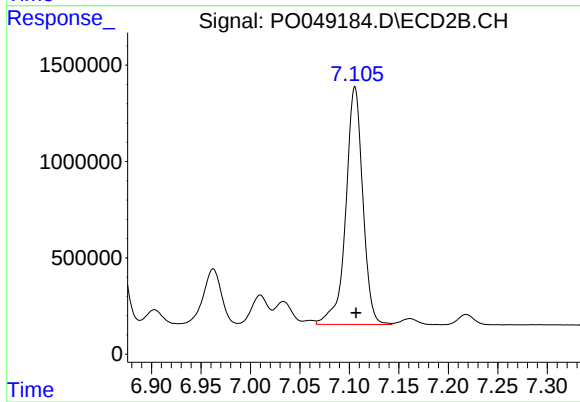
R.T.: 6.865 min
Delta R.T.: -0.001 min
Response: 6285209
Conc: 471.72 ng/ml



#35 AR-1260-5

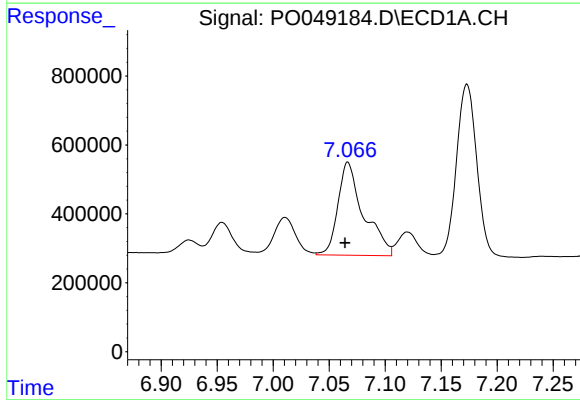
R.T.: 8.332 min
Delta R.T.: 0.000 min
Response: 13379553
Conc: 558.13 ng/ml

Instrument :
ECD_O
ClientSampleId :



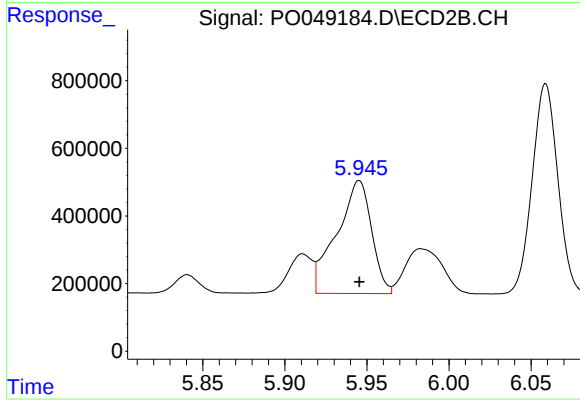
#35 AR-1260-5

R.T.: 7.106 min
Delta R.T.: -0.001 min
Response: 14760148
Conc: 471.20 ng/ml



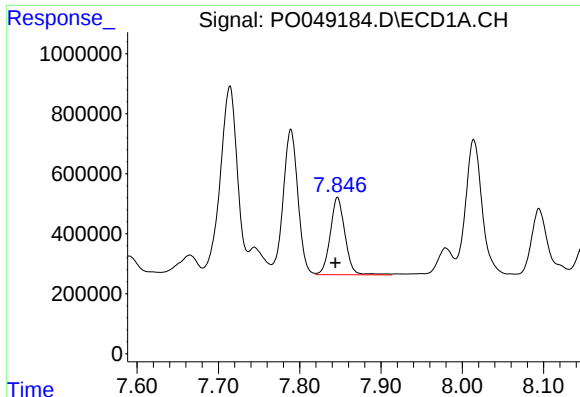
#36 AR-1262-1

R.T.: 7.067 min
Delta R.T.: 0.002 min
Response: 4303990
Conc: 659.01 ng/ml



#36 AR-1262-1

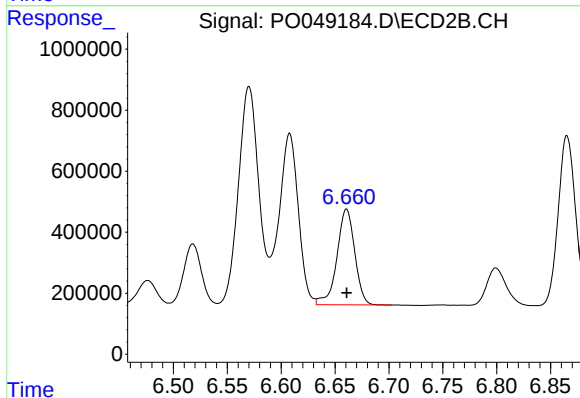
R.T.: 5.945 min
Delta R.T.: 0.000 min
Response: 4934342
Conc: 691.30 ng/ml



#37 AR-1262-2

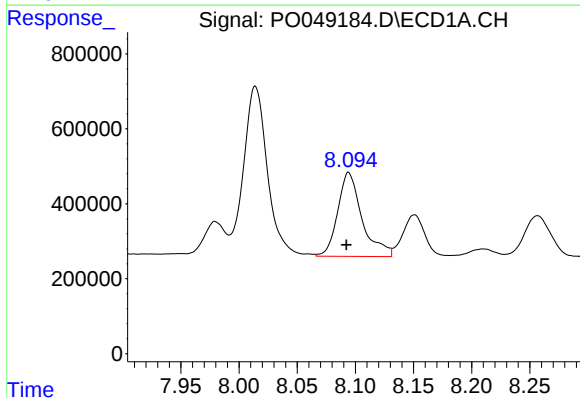
R.T.: 7.847 min
Delta R.T.: 0.003 min
Response: 3238081
Conc: 602.46 ng/ml

Instrument :
ECD_O
ClientSampleId :



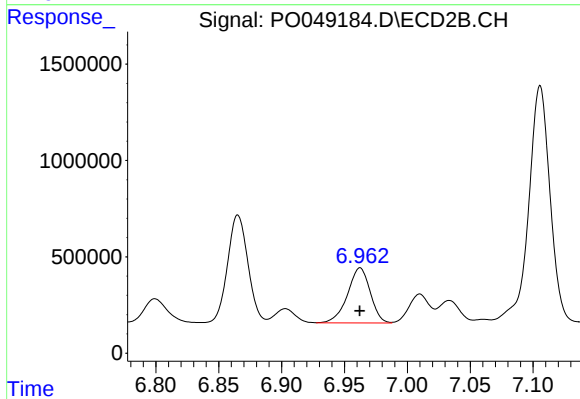
#37 AR-1262-2

R.T.: 6.661 min
Delta R.T.: 0.000 min
Response: 3618401
Conc: 493.18 ng/ml



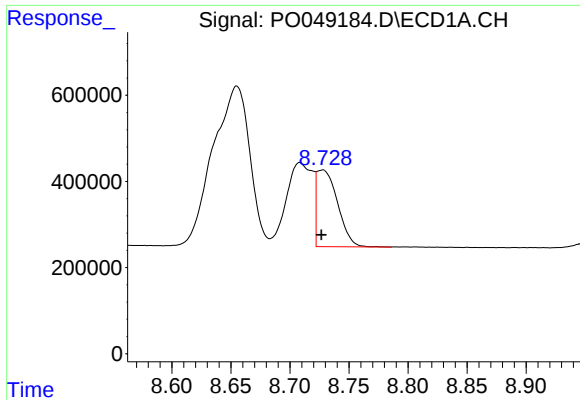
#38 AR-1262-3

R.T.: 8.094 min
Delta R.T.: 0.002 min
Response: 3264869
Conc: 568.17 ng/ml



#38 AR-1262-3

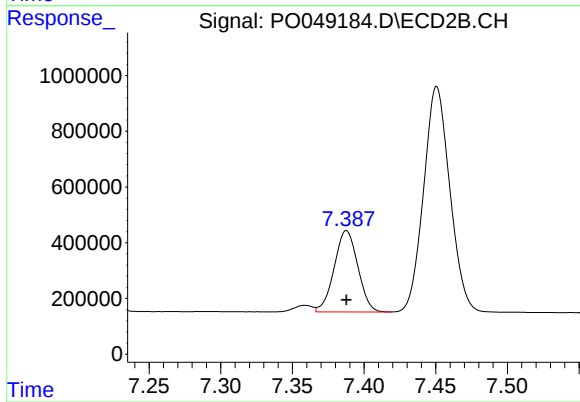
R.T.: 6.962 min
Delta R.T.: 0.000 min
Response: 3595203
Conc: 462.77 ng/ml



#39 AR-1262-4

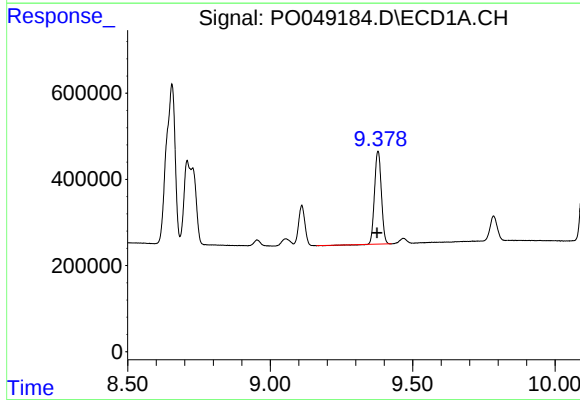
R.T.: 8.728 min
Delta R.T.: 0.001 min
Response: 2190635
Conc: 159.63 ng/ml

Instrument :
ECD_O
ClientSampleId :



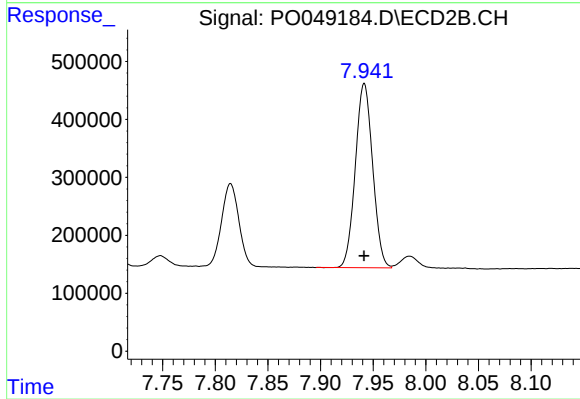
#39 AR-1262-4

R.T.: 7.388 min
Delta R.T.: 0.000 min
Response: 3354231
Conc: 275.33 ng/ml



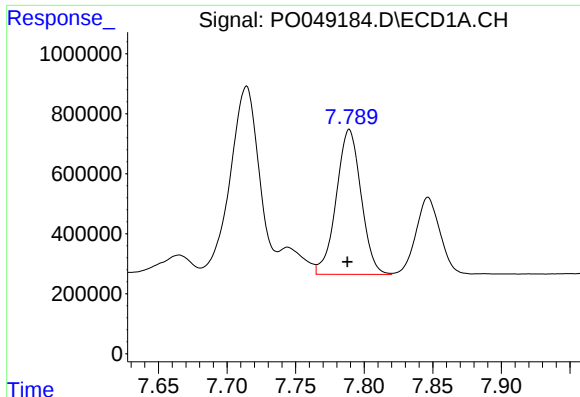
#40 AR-1262-5

R.T.: 9.378 min
Delta R.T.: 0.003 min
Response: 3585549
Conc: 344.19 ng/ml



#40 AR-1262-5

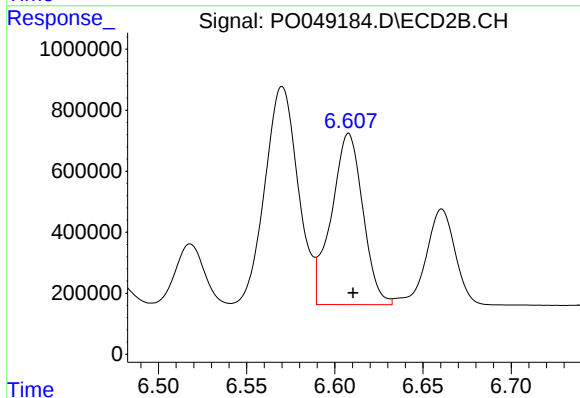
R.T.: 7.942 min
Delta R.T.: 0.000 min
Response: 3641148
Conc: 357.92 ng/ml



#41 AR-1268-1

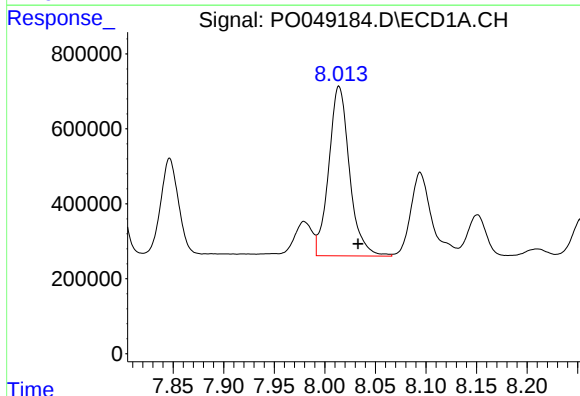
R.T.: 7.789 min
Delta R.T.: 0.001 min
Response: 6084082
Conc: 1053.74 ng/ml

Instrument :
ECD_O
ClientSampleId :



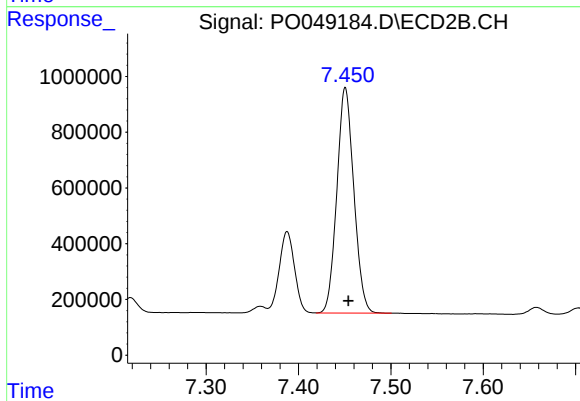
#41 AR-1268-1

R.T.: 6.608 min
Delta R.T.: -0.003 min
Response: 6977443
Conc: 952.98 ng/ml



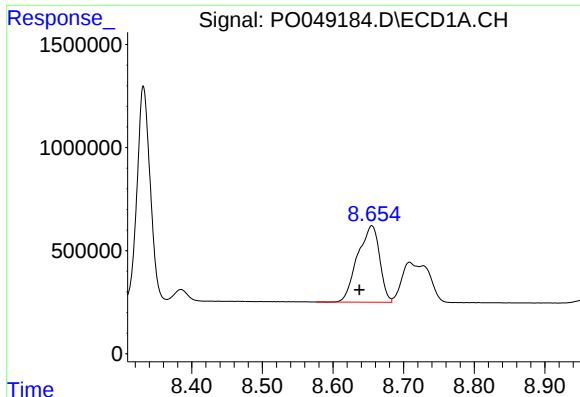
#42 AR-1268-2

R.T.: 8.014 min
Delta R.T.: -0.019 min
Response: 6471359
Conc: 848.09 ng/ml



#42 AR-1268-2

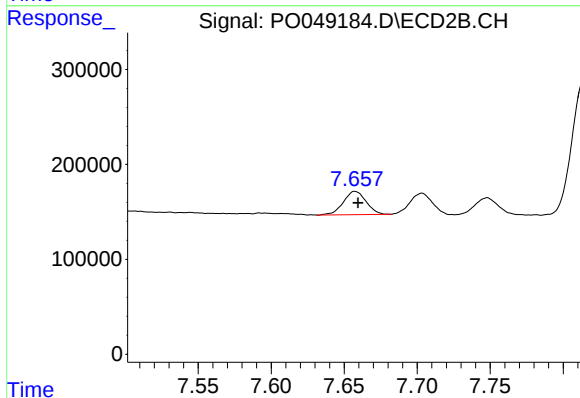
R.T.: 7.451 min
Delta R.T.: -0.003 min
Response: 10327915
Conc: 311.07 ng/ml



#43 AR-1268-3

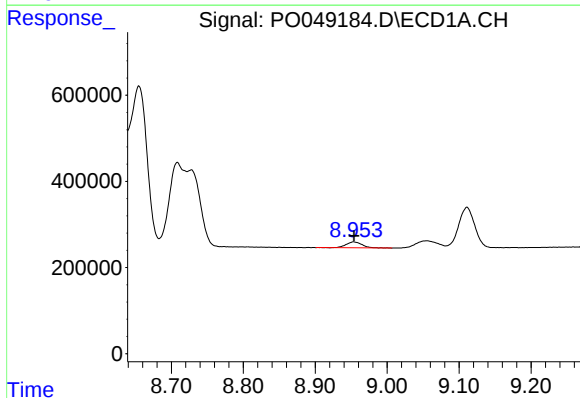
R.T.: 8.655 min
Delta R.T.: 0.018 min
Response: 8041395
Conc: 237.36 ng/ml

Instrument :
ECD_O
ClientSampleId :



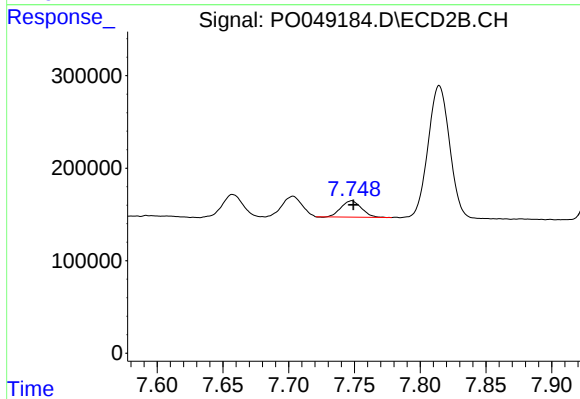
#43 AR-1268-3

R.T.: 7.658 min
Delta R.T.: -0.002 min
Response: 267040
Conc: 9.75 ng/ml



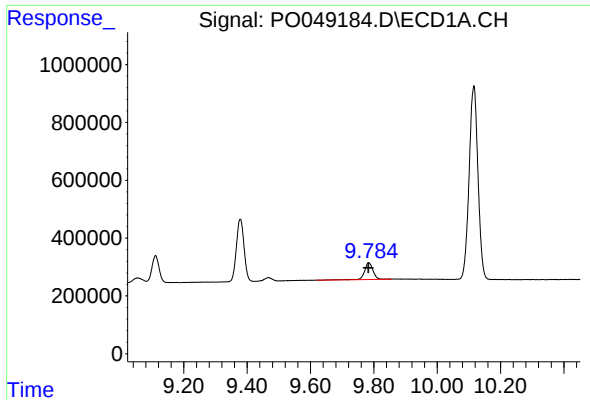
#44 AR-1268-4

R.T.: 8.954 min
Delta R.T.: 0.000 min
Response: 213690
Conc: 7.46 ng/ml



#44 AR-1268-4

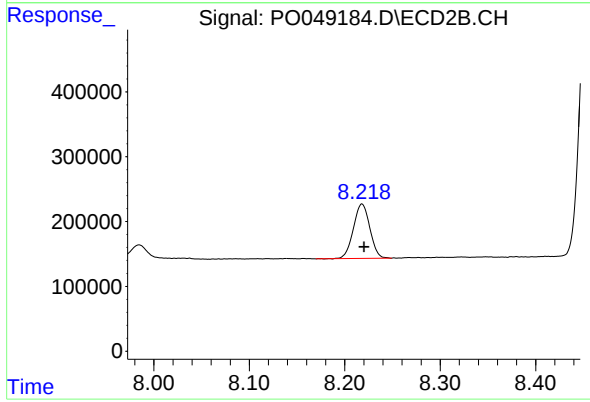
R.T.: 7.748 min
Delta R.T.: -0.001 min
Response: 190511
Conc: 24.51 ng/ml



#45 AR-1268-5

R.T.: 9.784 min
Delta R.T.: 0.001 min
Response: 1080442
Conc: 11.30 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.218 min
Delta R.T.: -0.002 min
Response: 1003962
Conc: 13.54 ng/ml