

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO120321\
 Data File : P0083425.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 03 Dec 2021 15:42
 Operator : AJ\MA
 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: Dec 03 23:03:05 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO111921.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Nov 20 02:49:51 2021
 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...	4.946	3.948	4513357	1439675	51.429	47.230
2)	SA Decachlor...	11.029	9.252	3337106	1398786	50.750	46.531
Target Compounds							
3)	L1 AR-1016-1	6.278	5.204	1459468	593746	503.167	450.780
4)	L1 AR-1016-2	6.303	5.224	2049064	820302	497.216	456.993
5)	L1 AR-1016-3	6.368	5.414	1219241	456724	485.889	467.950
6)	L1 AR-1016-4	6.477	5.468	1002786	385876	489.643	474.662
7)	L1 AR-1016-5	6.794	5.696	989330	469598	488.239	462.865
8)	L2 AR-1221-1	5.192	4.204	171948	54319	181.453	146.175
9)	L2 AR-1221-2	5.300	4.304	215517	76626	320.538	272.114
10)	L2 AR-1221-3	5.388	4.392	826080	324984	384.294	359.341
11)	L3 AR-1232-1	5.388	4.392	826080	324984	464.047	423.952
12)	L3 AR-1232-2	5.981	5.224	1224193	820302	1349.974	1092.028
13)	L3 AR-1232-3	6.303	5.414	2049064	456724	1251.140	1153.107
14)	L3 AR-1232-4	6.477	5.512	1002786	447951	1252.615	1274.035
15)	L3 AR-1232-5	6.576	5.696	791690	469598	1409.005	1223.090
16)	L4 AR-1242-1	6.278	5.204	1459468	593746	682.350	610.915
17)	L4 AR-1242-2	6.303	5.224	2049064	820302	679.790	625.295
18)	L4 AR-1242-3	6.368	5.414	1219241	456724	652.931	630.446
19)	L4 AR-1242-4	6.477	5.512	1002786	447951	664.896	650.700
20)	L4 AR-1242-5	7.265	6.076	151404	367985	97.870	397.318 #
21)	L5 AR-1248-1	6.278	5.204	1459468	593746	937.039	833.092
22)	L5 AR-1248-2	6.576	5.468	791690	385876	372.608	380.932
23)	L5 AR-1248-3	6.794	5.512	989330	447951	398.932	452.213
24)	L5 AR-1248-4	7.225	5.696	177525	469598	67.759	381.039 #
25)	L5 AR-1248-5	7.265	6.119	151404	91703	58.468	74.236 #
26)	L6 AR-1254-1	7.195	6.076	656290	367985	235.828	189.249
27)	L6 AR-1254-2	7.425	6.237	721829	327091	173.509	194.403
28)	L6 AR-1254-3	7.810	6.675	452219	631978	105.288	247.203 #
29)	L6 AR-1254-4	8.107	6.898	361052	102039	116.726	55.934 #
30)	L6 AR-1254-5	8.538	7.327	2162638	1101962	674.593	473.571 #
31)	L7 AR-1260-1	7.978	6.794	1596667	832791	502.606	455.773
32)	L7 AR-1260-2	8.245	6.994	1853395	1083492	493.810	452.195
33)	L7 AR-1260-3	8.613	7.148	1438211	898297	502.706	437.972
34)	L7 AR-1260-4	8.845	7.631	1667846	806976	516.396	458.472
35)	L7 AR-1260-5	9.177	7.881	3225026	2064431	508.904	462.380
36)	L8 AR-1262-1	8.613	7.327	1438211	1101962	385.658	904.467 #
37)	L8 AR-1262-2	9.177	7.881	3225026	2064431	501.188	456.963
38)	L8 AR-1262-3	9.495	8.168	678568	494513	223.088	264.243
39)	L8 AR-1262-4	9.568f	8.230	1483658	1412893	783.852	446.128 #
40)	L8 AR-1262-5	10.268	8.732	996766	532831	399.460	359.379
41)	L9 AR-1268-1	9.495	8.168	678568	494513	82.021	85.754

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 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

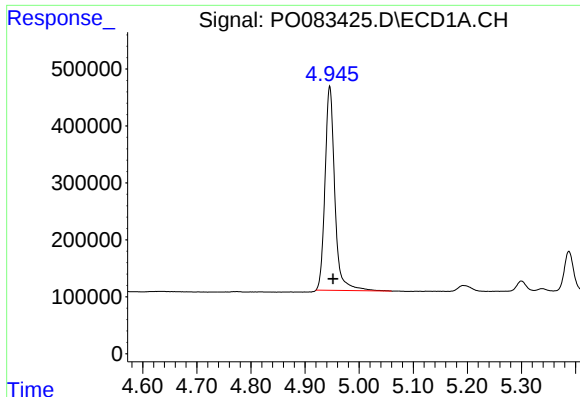
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 03 23:03:05 2021
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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	9.568f	8.230	1483658	1412893	192.892	294.171 #
43) L9	AR-1268-3	9.817	8.441	53905	19655	8.220	4.768 #
44) L9	AR-1268-4	10.268	8.732	996766	532831	349.068	314.336
45) L9	AR-1268-5	10.690	9.010	396807	130228	17.697	11.078 #

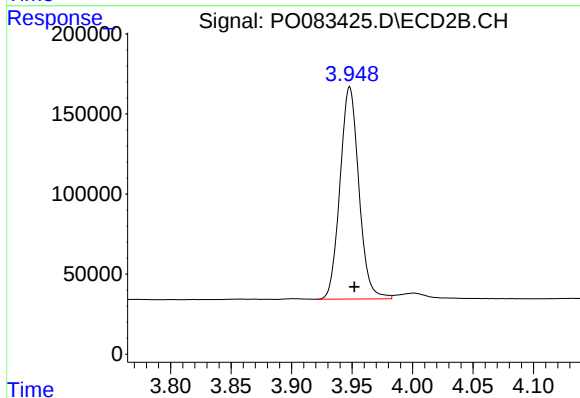
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

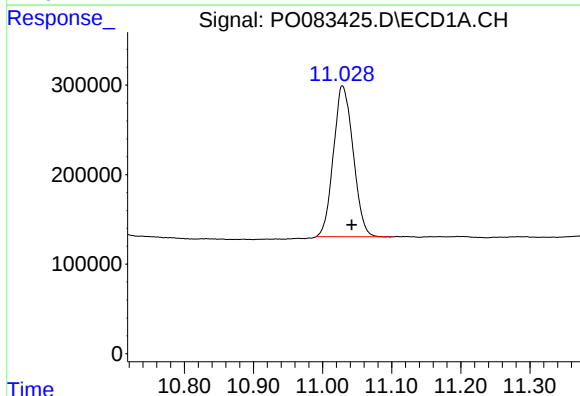
R.T.: 4.946 min
Delta R.T.: -0.006 min
Response: 4513357
Conc: 51.43 ng/ml

Instrument :
ECD_O
ClientSampleId :



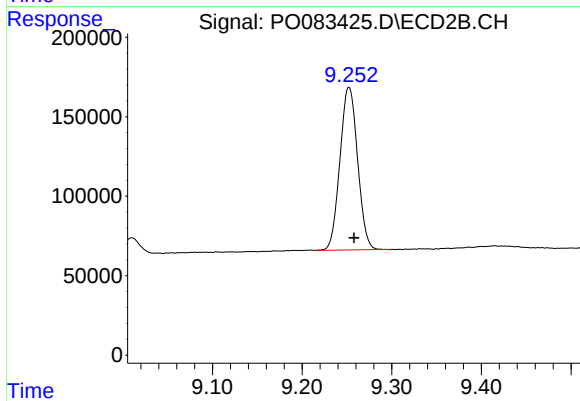
#1 Tetrachloro-m-xylene

R.T.: 3.948 min
Delta R.T.: -0.004 min
Response: 1439675
Conc: 47.23 ng/ml



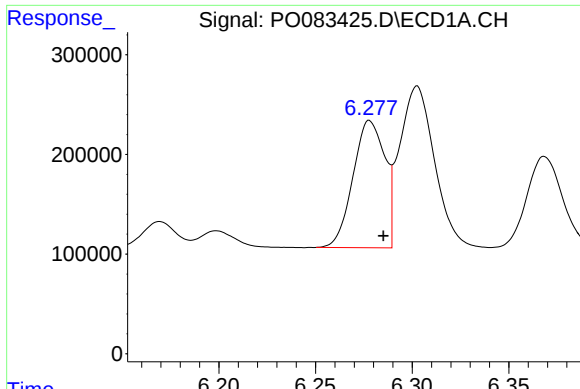
#2 Decachlorobiphenyl

R.T.: 11.029 min
Delta R.T.: -0.013 min
Response: 3337106
Conc: 50.75 ng/ml



#2 Decachlorobiphenyl

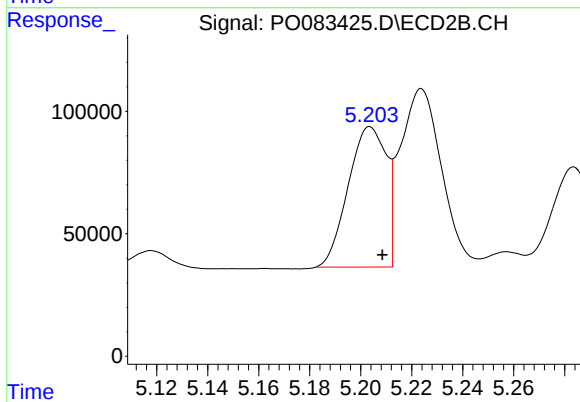
R.T.: 9.252 min
Delta R.T.: -0.006 min
Response: 1398786
Conc: 46.53 ng/ml



#3 AR-1016-1

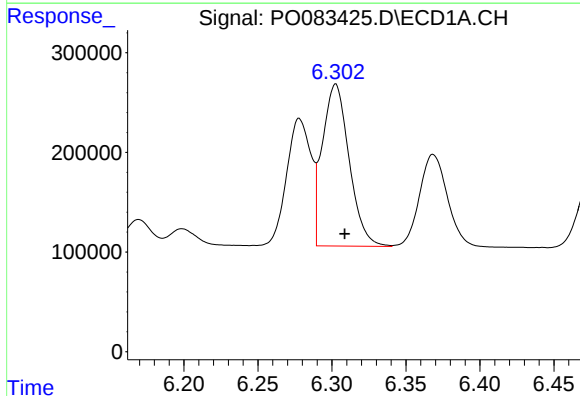
R.T.: 6.278 min
Delta R.T.: -0.007 min
Response: 1459468
Conc: 503.17 ng/ml

Instrument :
ECD_O
ClientSampleId :



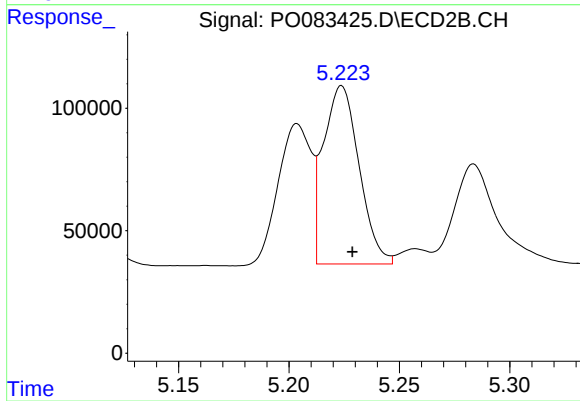
#3 AR-1016-1

R.T.: 5.204 min
Delta R.T.: -0.005 min
Response: 593746
Conc: 450.78 ng/ml



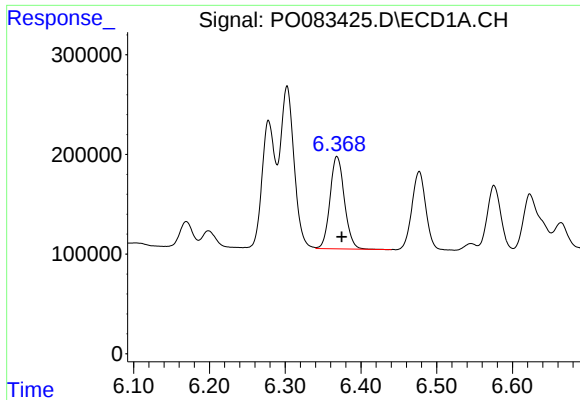
#4 AR-1016-2

R.T.: 6.303 min
Delta R.T.: -0.006 min
Response: 2049064
Conc: 497.22 ng/ml



#4 AR-1016-2

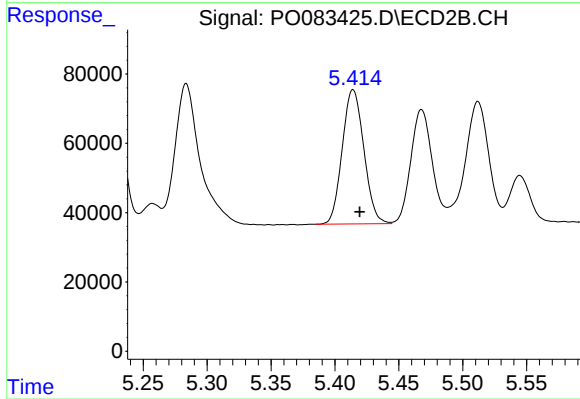
R.T.: 5.224 min
Delta R.T.: -0.005 min
Response: 820302
Conc: 456.99 ng/ml



#5 AR-1016-3

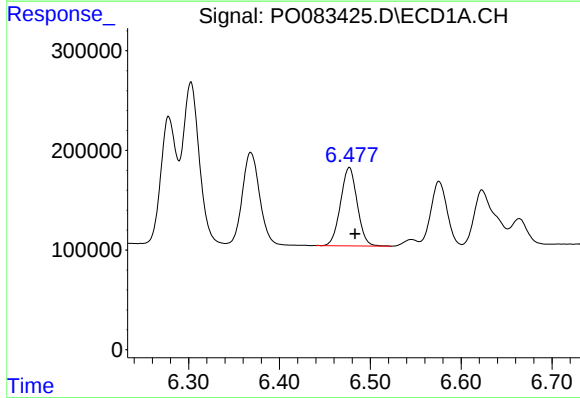
R.T.: 6.368 min
Delta R.T.: -0.006 min
Response: 1219241
Conc: 485.89 ng/ml

Instrument :
ECD_O
ClientSampleId :



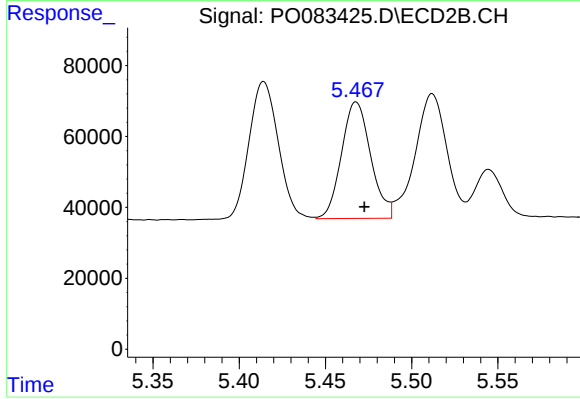
#5 AR-1016-3

R.T.: 5.414 min
Delta R.T.: -0.005 min
Response: 456724
Conc: 467.95 ng/ml



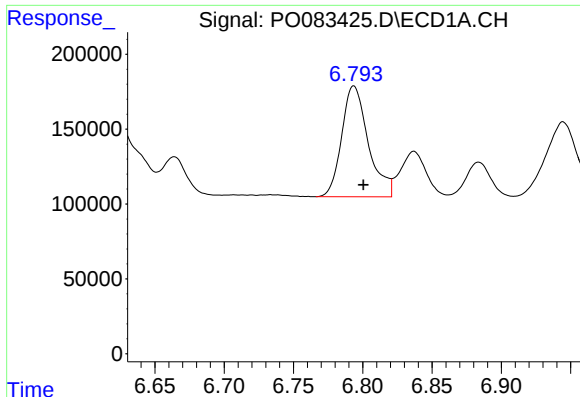
#6 AR-1016-4

R.T.: 6.477 min
Delta R.T.: -0.006 min
Response: 1002786
Conc: 489.64 ng/ml



#6 AR-1016-4

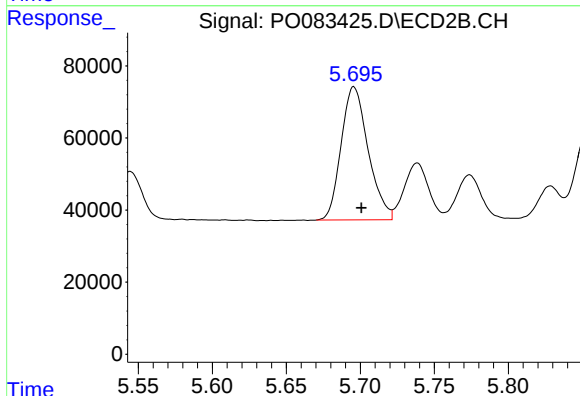
R.T.: 5.468 min
Delta R.T.: -0.005 min
Response: 385876
Conc: 474.66 ng/ml



#7 AR-1016-5

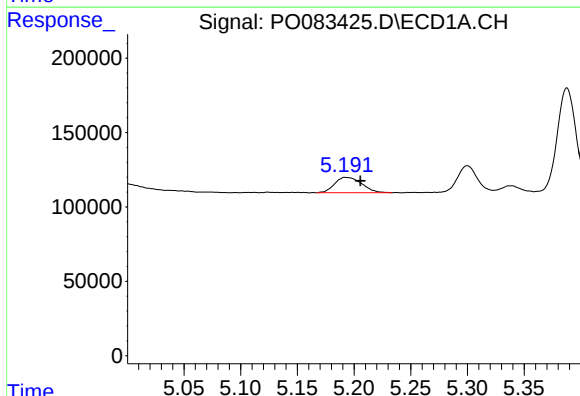
R.T.: 6.794 min
Delta R.T.: -0.007 min
Response: 989330
Conc: 488.24 ng/ml

Instrument :
ECD_O
ClientSampleId :



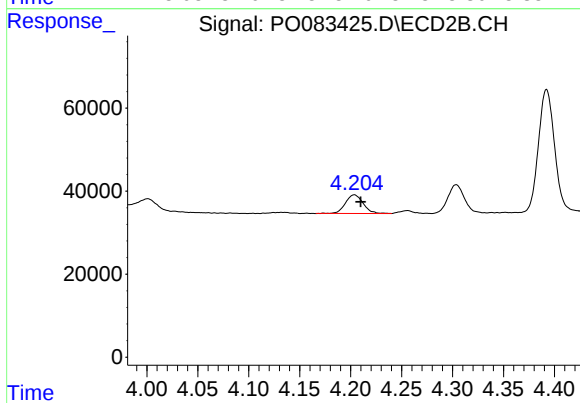
#7 AR-1016-5

R.T.: 5.696 min
Delta R.T.: -0.005 min
Response: 469598
Conc: 462.87 ng/ml



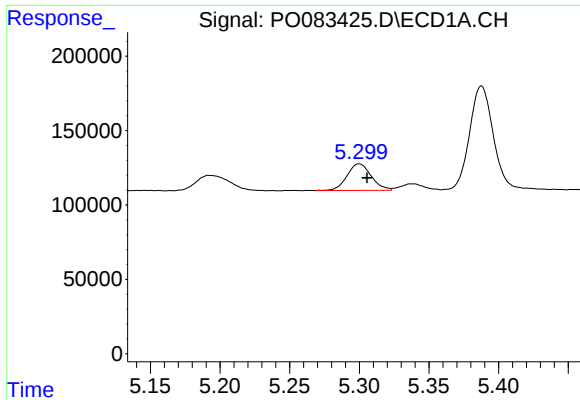
#8 AR-1221-1

R.T.: 5.192 min
Delta R.T.: -0.014 min
Response: 171948
Conc: 181.45 ng/ml



#8 AR-1221-1

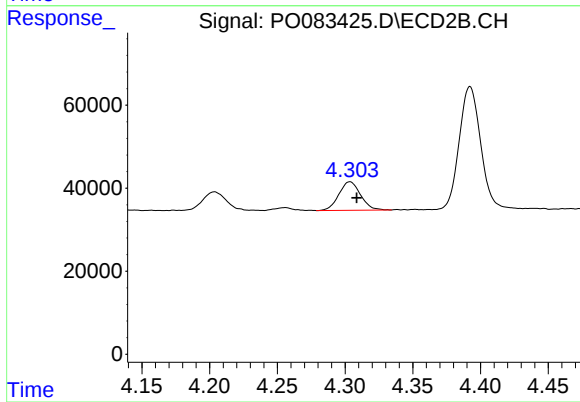
R.T.: 4.204 min
Delta R.T.: -0.006 min
Response: 54319
Conc: 146.17 ng/ml



#9 AR-1221-2

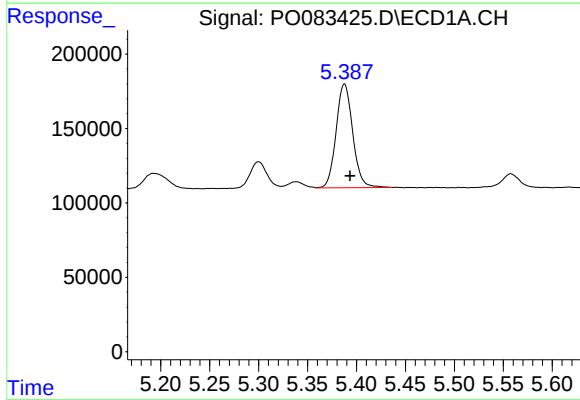
R.T.: 5.300 min
Delta R.T.: -0.006 min
Response: 215517
Conc: 320.54 ng/ml

Instrument :
ECD_O
ClientSampleId :



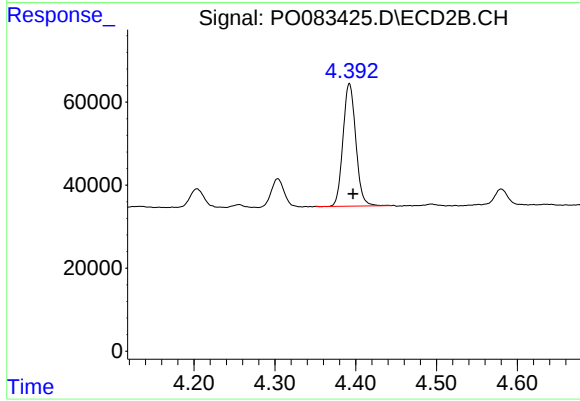
#9 AR-1221-2

R.T.: 4.304 min
Delta R.T.: -0.005 min
Response: 76626
Conc: 272.11 ng/ml



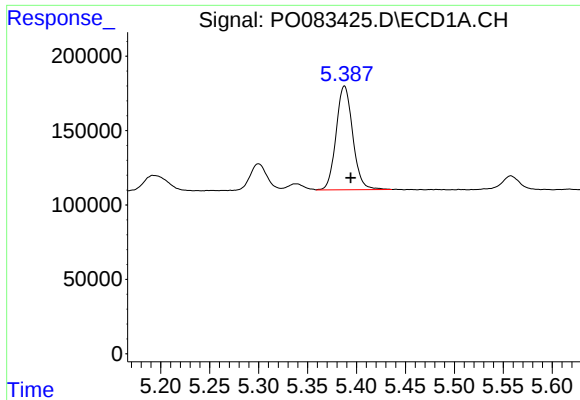
#10 AR-1221-3

R.T.: 5.388 min
Delta R.T.: -0.006 min
Response: 826080
Conc: 384.29 ng/ml



#10 AR-1221-3

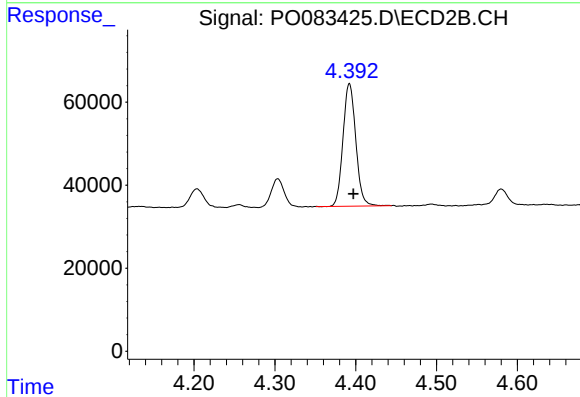
R.T.: 4.392 min
Delta R.T.: -0.005 min
Response: 324984
Conc: 359.34 ng/ml



#11 AR-1232-1

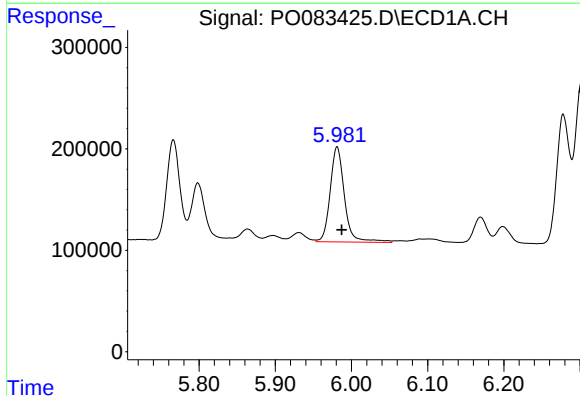
R.T.: 5.388 min
Delta R.T.: -0.006 min
Response: 826080
Conc: 464.05 ng/ml

Instrument :
ECD_O
ClientSampleId :



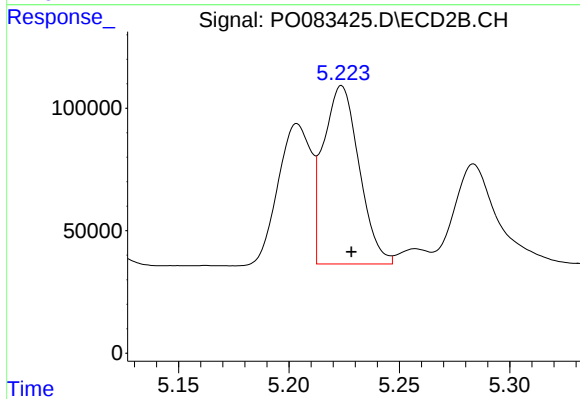
#11 AR-1232-1

R.T.: 4.392 min
Delta R.T.: -0.005 min
Response: 324984
Conc: 423.95 ng/ml



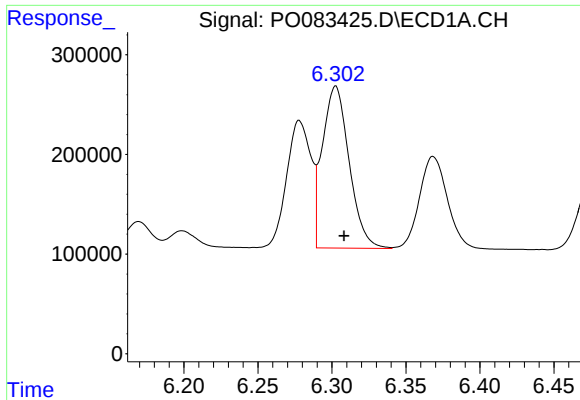
#12 AR-1232-2

R.T.: 5.981 min
Delta R.T.: -0.006 min
Response: 1224193
Conc: 1349.97 ng/ml



#12 AR-1232-2

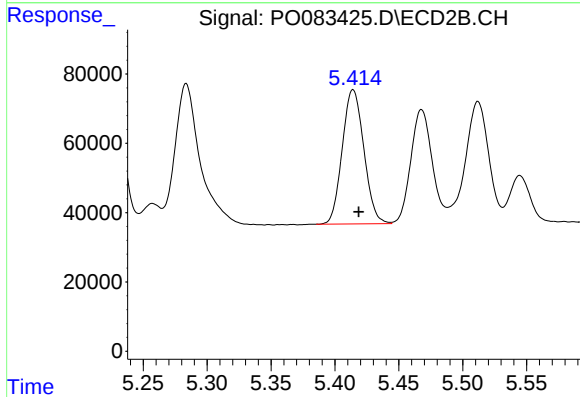
R.T.: 5.224 min
Delta R.T.: -0.004 min
Response: 820302
Conc: 1092.03 ng/ml



#13 AR-1232-3

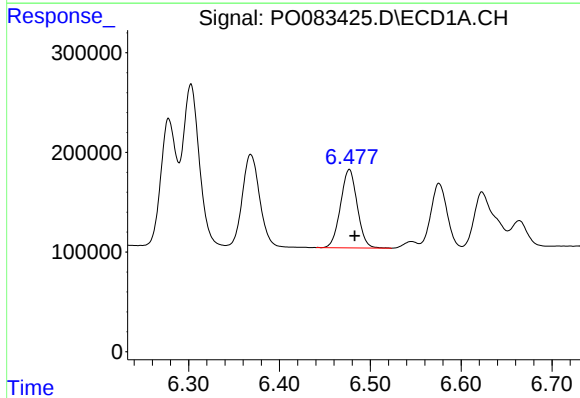
R.T.: 6.303 min
Delta R.T.: -0.006 min
Response: 2049064
Conc: 1251.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



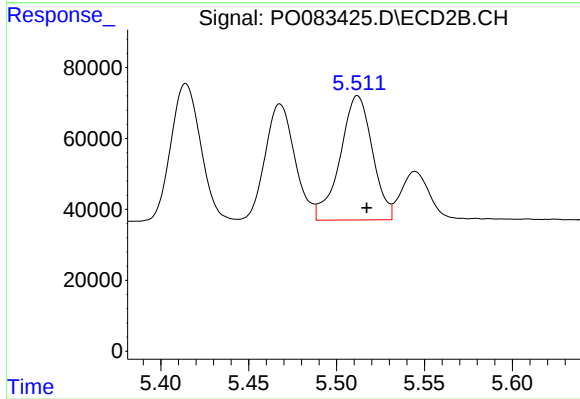
#13 AR-1232-3

R.T.: 5.414 min
Delta R.T.: -0.004 min
Response: 456724
Conc: 1153.11 ng/ml



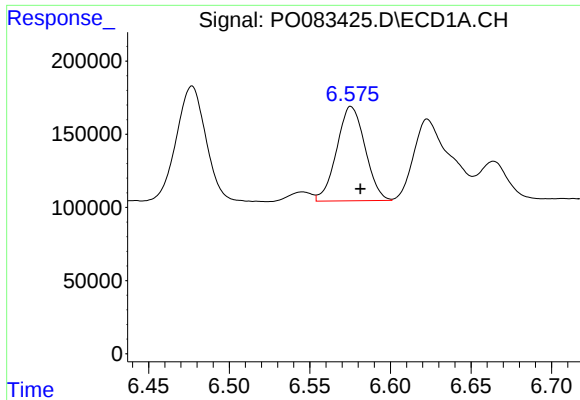
#14 AR-1232-4

R.T.: 6.477 min
Delta R.T.: -0.006 min
Response: 1002786
Conc: 1252.62 ng/ml



#14 AR-1232-4

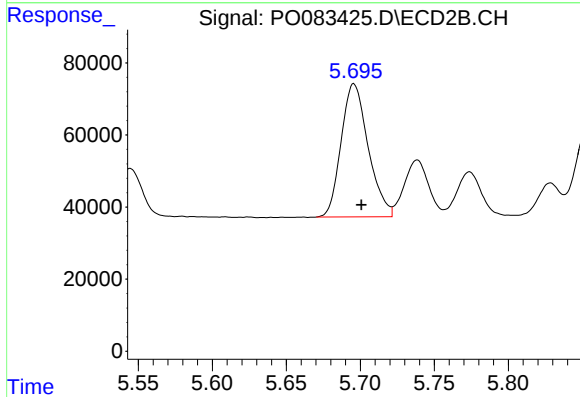
R.T.: 5.512 min
Delta R.T.: -0.005 min
Response: 447951
Conc: 1274.03 ng/ml



#15 AR-1232-5

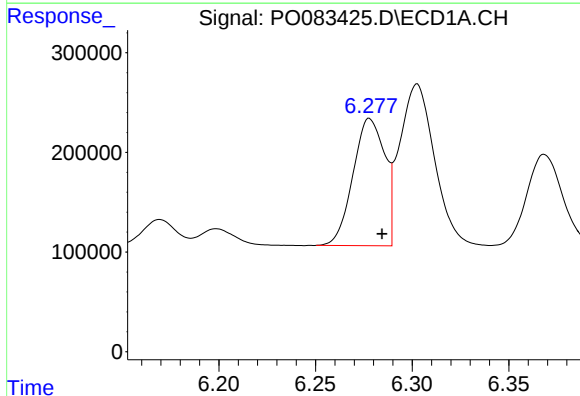
R.T.: 6.576 min
Delta R.T.: -0.006 min
Response: 791690
Conc: 1409.01 ng/ml

Instrument :
ECD_O
ClientSampleId :



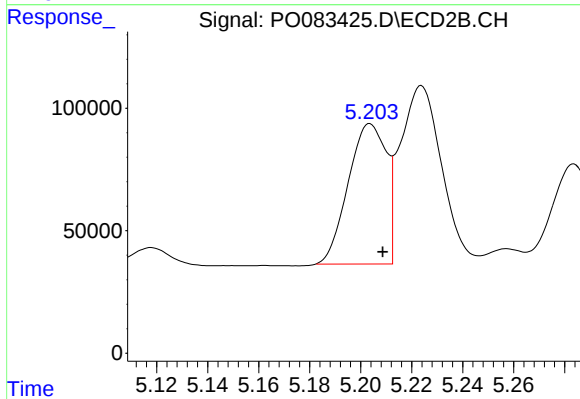
#15 AR-1232-5

R.T.: 5.696 min
Delta R.T.: -0.005 min
Response: 469598
Conc: 1223.09 ng/ml



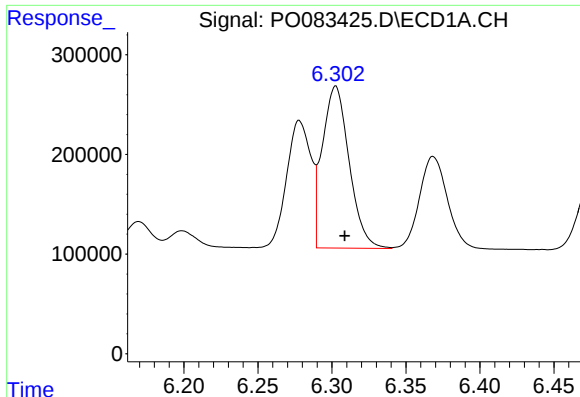
#16 AR-1242-1

R.T.: 6.278 min
Delta R.T.: -0.006 min
Response: 1459468
Conc: 682.35 ng/ml



#16 AR-1242-1

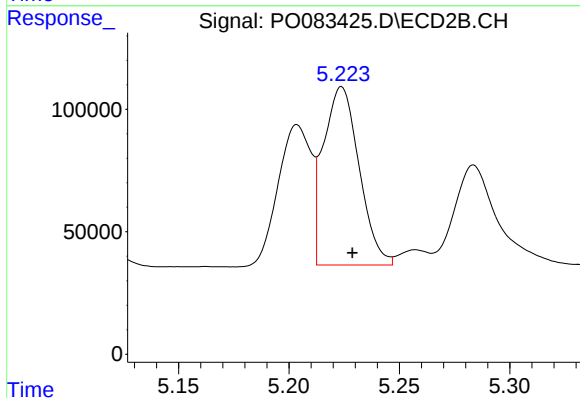
R.T.: 5.204 min
Delta R.T.: -0.005 min
Response: 593746
Conc: 610.91 ng/ml



#17 AR-1242-2

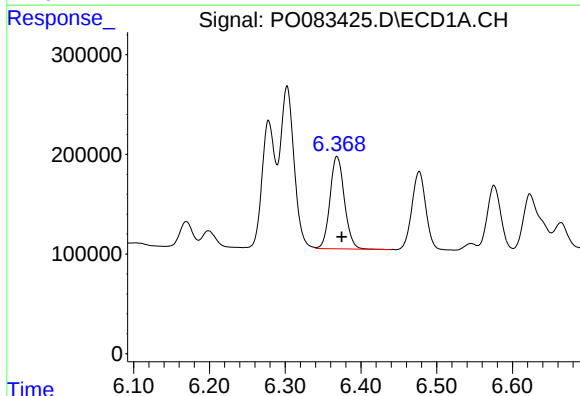
R.T.: 6.303 min
Delta R.T.: -0.006 min
Response: 2049064
Conc: 679.79 ng/ml

Instrument :
ECD_O
ClientSampleId :



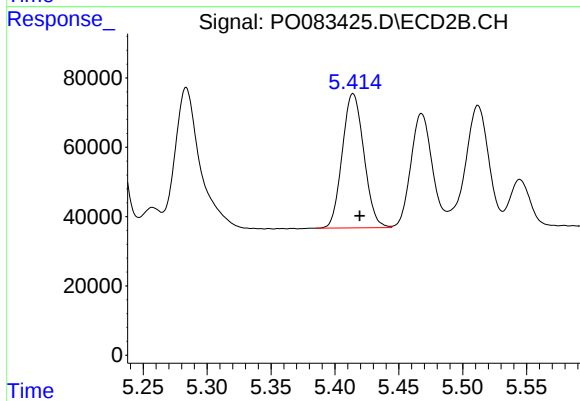
#17 AR-1242-2

R.T.: 5.224 min
Delta R.T.: -0.005 min
Response: 820302
Conc: 625.30 ng/ml



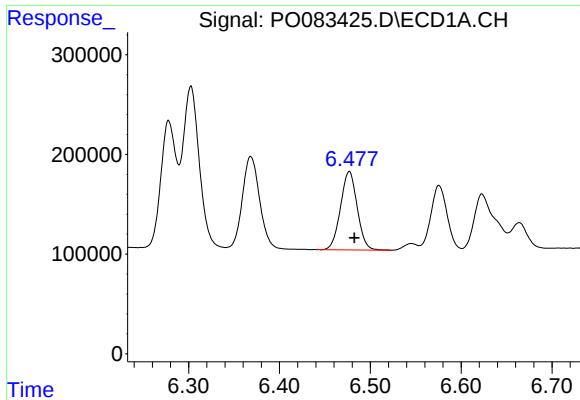
#18 AR-1242-3

R.T.: 6.368 min
Delta R.T.: -0.006 min
Response: 1219241
Conc: 652.93 ng/ml



#18 AR-1242-3

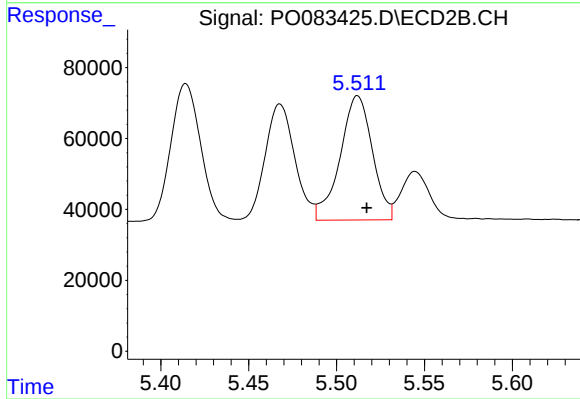
R.T.: 5.414 min
Delta R.T.: -0.005 min
Response: 456724
Conc: 630.45 ng/ml



#19 AR-1242-4

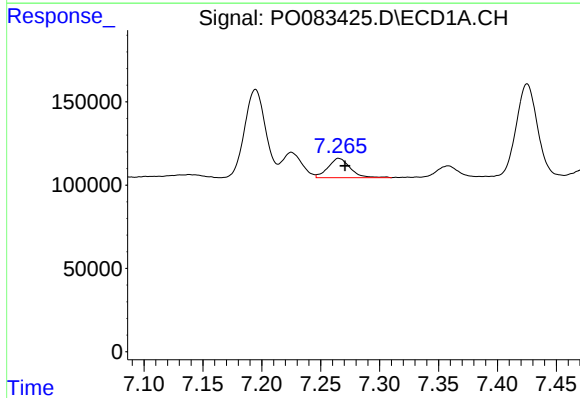
R.T.: 6.477 min
Delta R.T.: -0.005 min
Response: 1002786
Conc: 664.90 ng/ml

Instrument :
ECD_O
ClientSampleId :



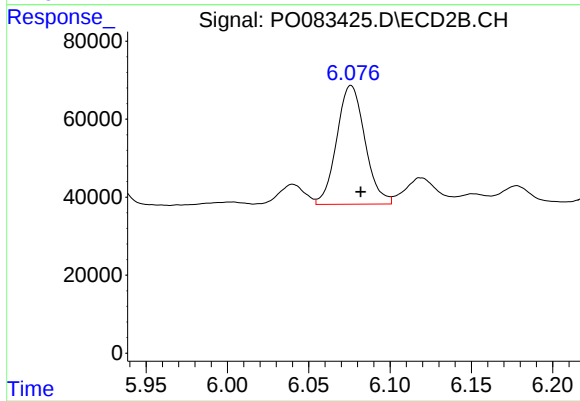
#19 AR-1242-4

R.T.: 5.512 min
Delta R.T.: -0.005 min
Response: 447951
Conc: 650.70 ng/ml



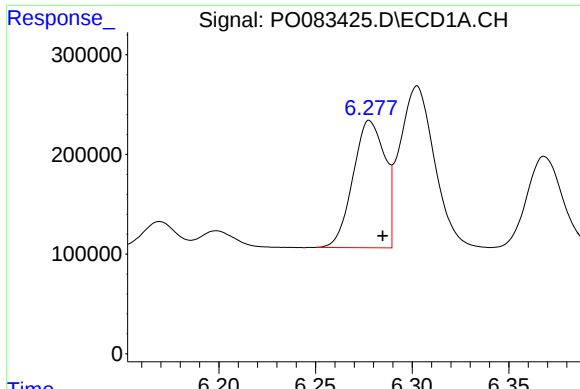
#20 AR-1242-5

R.T.: 7.265 min
Delta R.T.: -0.005 min
Response: 151404
Conc: 97.87 ng/ml



#20 AR-1242-5

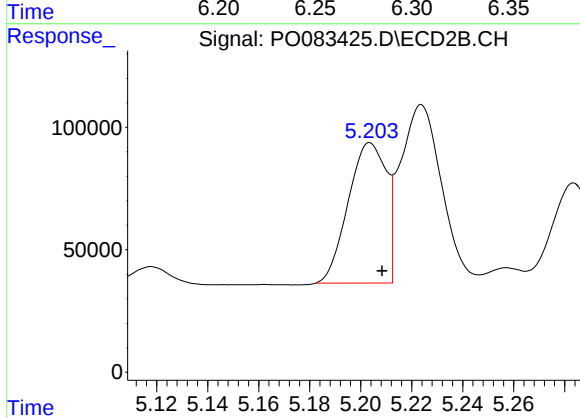
R.T.: 6.076 min
Delta R.T.: -0.006 min
Response: 367985
Conc: 397.32 ng/ml



#21 AR-1248-1

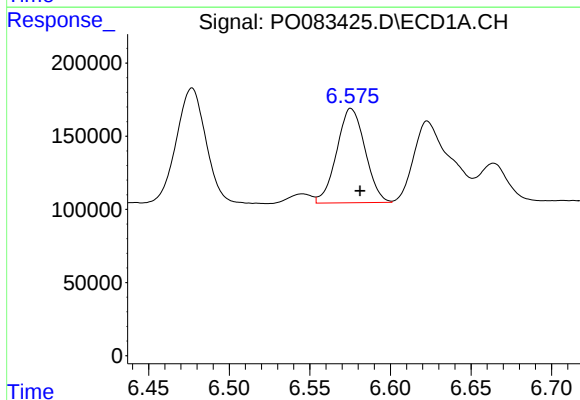
R.T.: 6.278 min
Delta R.T.: -0.007 min
Response: 1459468
Conc: 937.04 ng/ml

Instrument :
ECD_O
ClientSampleId :



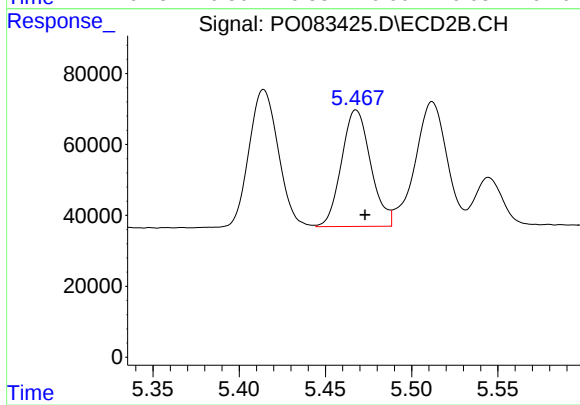
#21 AR-1248-1

R.T.: 5.204 min
Delta R.T.: -0.005 min
Response: 593746
Conc: 833.09 ng/ml



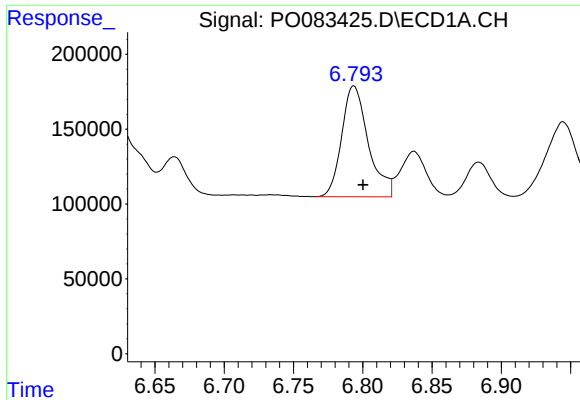
#22 AR-1248-2

R.T.: 6.576 min
Delta R.T.: -0.006 min
Response: 791690
Conc: 372.61 ng/ml



#22 AR-1248-2

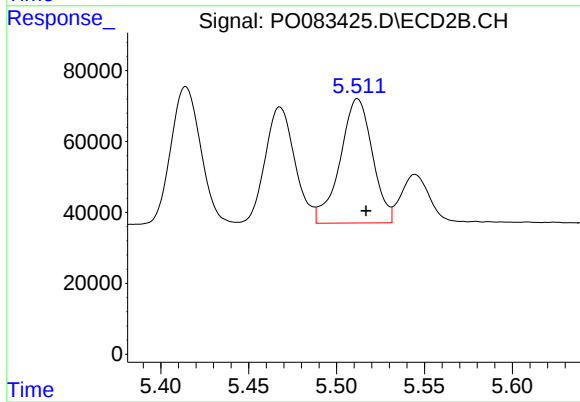
R.T.: 5.468 min
Delta R.T.: -0.005 min
Response: 385876
Conc: 380.93 ng/ml



#23 AR-1248-3

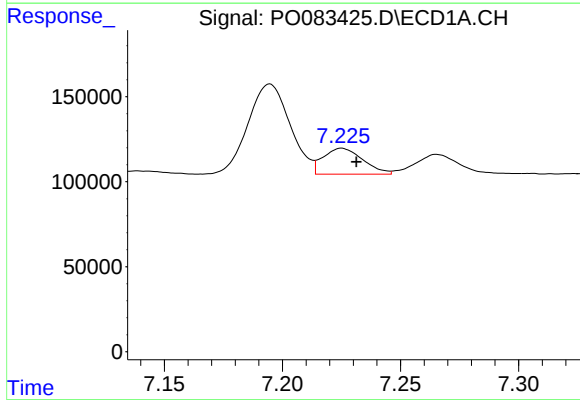
R.T.: 6.794 min
Delta R.T.: -0.007 min
Response: 989330
Conc: 398.93 ng/ml

Instrument :
ECD_O
ClientSampleId :



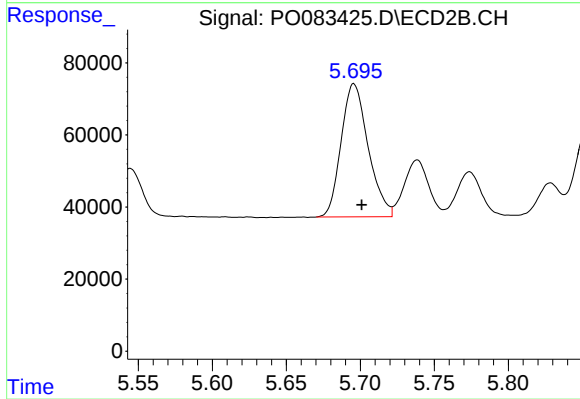
#23 AR-1248-3

R.T.: 5.512 min
Delta R.T.: -0.005 min
Response: 447951
Conc: 452.21 ng/ml



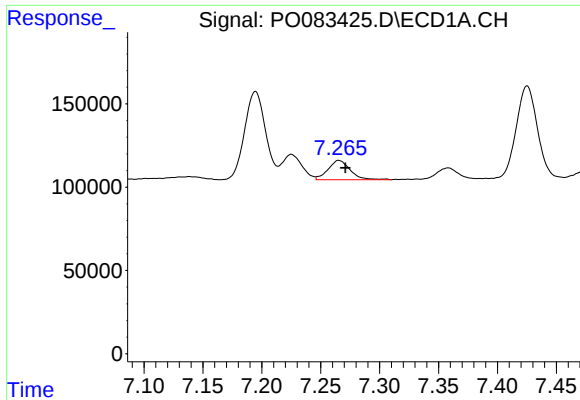
#24 AR-1248-4

R.T.: 7.225 min
Delta R.T.: -0.006 min
Response: 177525
Conc: 67.76 ng/ml



#24 AR-1248-4

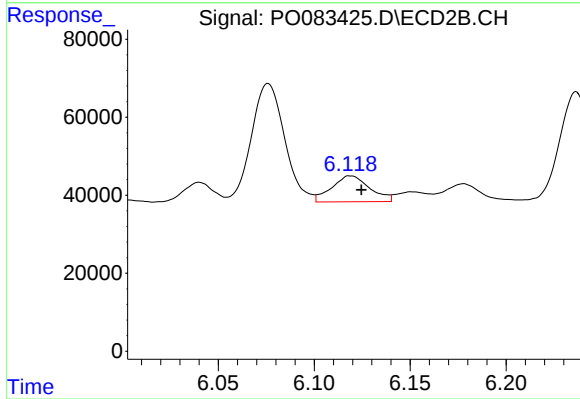
R.T.: 5.696 min
Delta R.T.: -0.005 min
Response: 469598
Conc: 381.04 ng/ml



#25 AR-1248-5

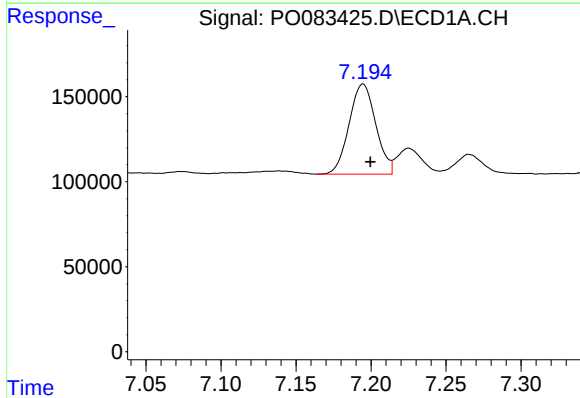
R.T.: 7.265 min
Delta R.T.: -0.006 min
Response: 151404
Conc: 58.47 ng/ml

Instrument :
ECD_O
ClientSampleId :



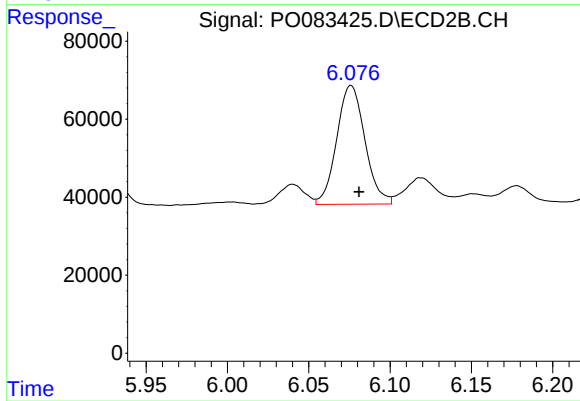
#25 AR-1248-5

R.T.: 6.119 min
Delta R.T.: -0.006 min
Response: 91703
Conc: 74.24 ng/ml



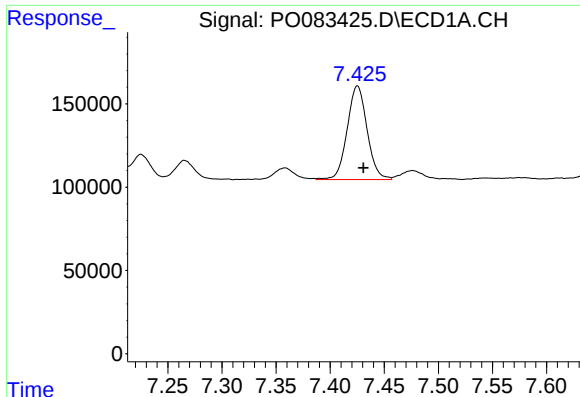
#26 AR-1254-1

R.T.: 7.195 min
Delta R.T.: -0.005 min
Response: 656290
Conc: 235.83 ng/ml



#26 AR-1254-1

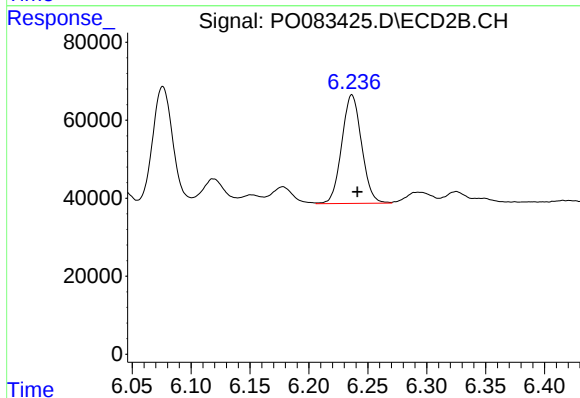
R.T.: 6.076 min
Delta R.T.: -0.005 min
Response: 367985
Conc: 189.25 ng/ml



#27 AR-1254-2

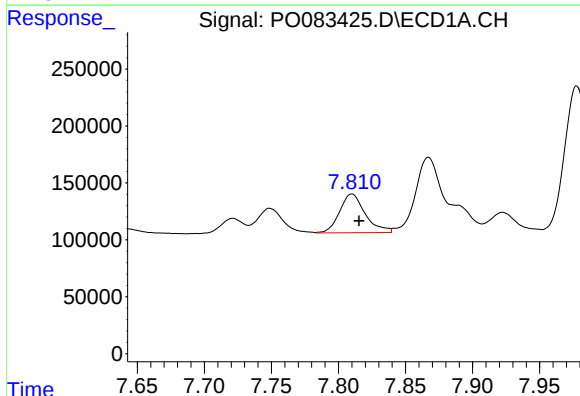
R.T.: 7.425 min
Delta R.T.: -0.005 min
Response: 721829
Conc: 173.51 ng/ml

Instrument :
ECD_O
ClientSampleId :



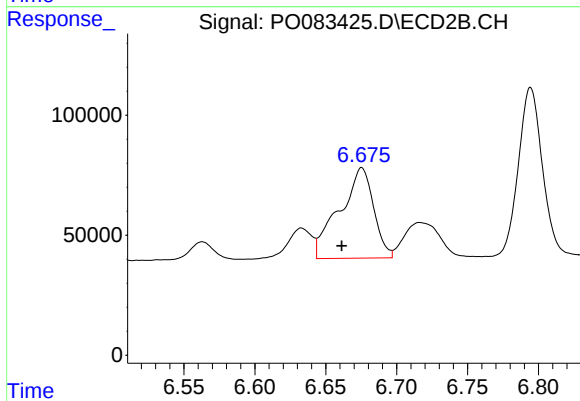
#27 AR-1254-2

R.T.: 6.237 min
Delta R.T.: -0.005 min
Response: 327091
Conc: 194.40 ng/ml



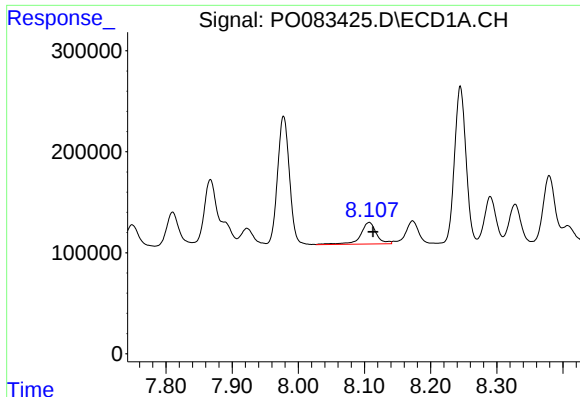
#28 AR-1254-3

R.T.: 7.810 min
Delta R.T.: -0.005 min
Response: 452219
Conc: 105.29 ng/ml



#28 AR-1254-3

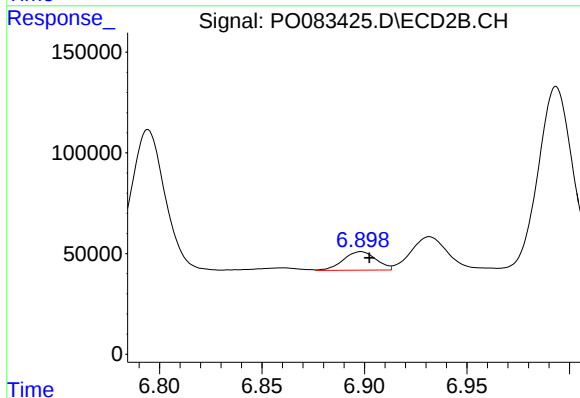
R.T.: 6.675 min
Delta R.T.: 0.014 min
Response: 631978
Conc: 247.20 ng/ml



#29 AR-1254-4

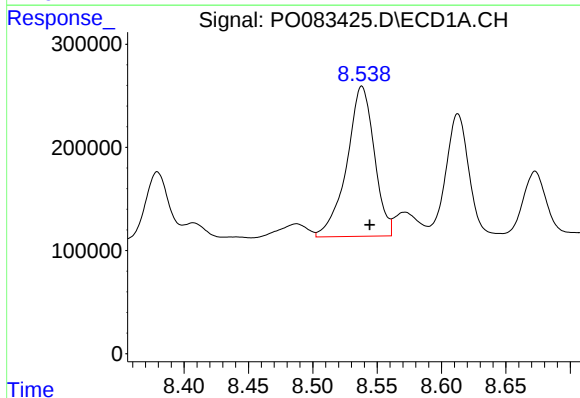
R.T.: 8.107 min
Delta R.T.: -0.006 min
Response: 361052
Conc: 116.73 ng/ml

Instrument :
ECD_O
ClientSampleId :



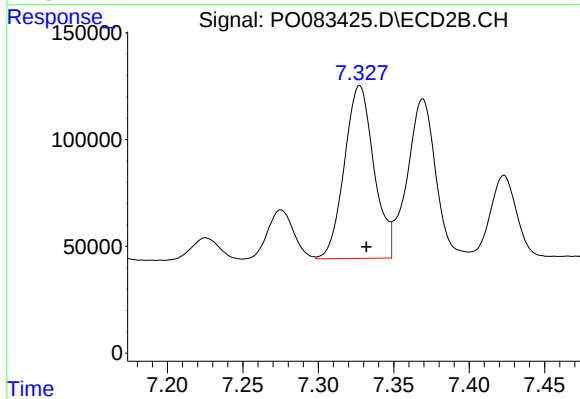
#29 AR-1254-4

R.T.: 6.898 min
Delta R.T.: -0.004 min
Response: 102039
Conc: 55.93 ng/ml



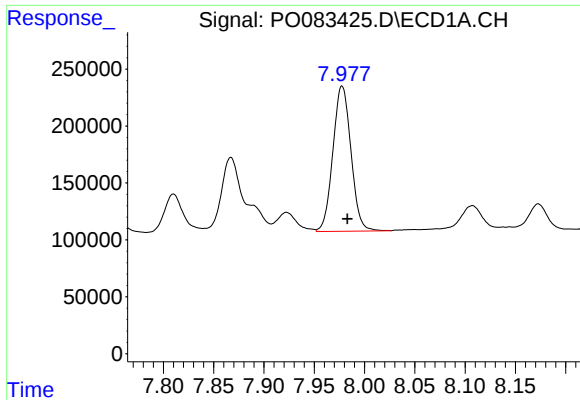
#30 AR-1254-5

R.T.: 8.538 min
Delta R.T.: -0.006 min
Response: 2162638
Conc: 674.59 ng/ml



#30 AR-1254-5

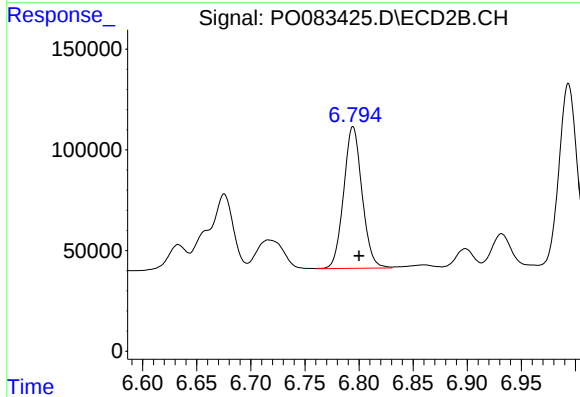
R.T.: 7.327 min
Delta R.T.: -0.005 min
Response: 1101962
Conc: 473.57 ng/ml



#31 AR-1260-1

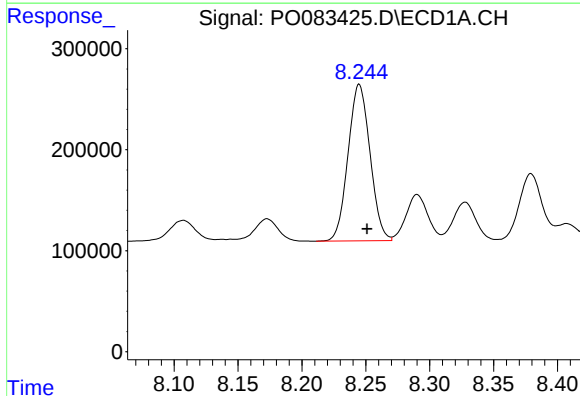
R.T.: 7.978 min
Delta R.T.: -0.005 min
Response: 1596667
Conc: 502.61 ng/ml

Instrument :
ECD_O
ClientSampleId :



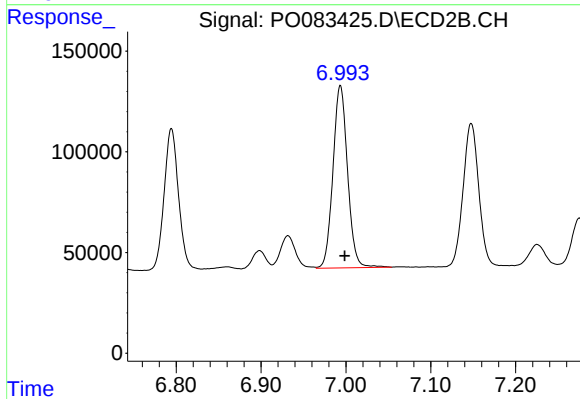
#31 AR-1260-1

R.T.: 6.794 min
Delta R.T.: -0.005 min
Response: 832791
Conc: 455.77 ng/ml



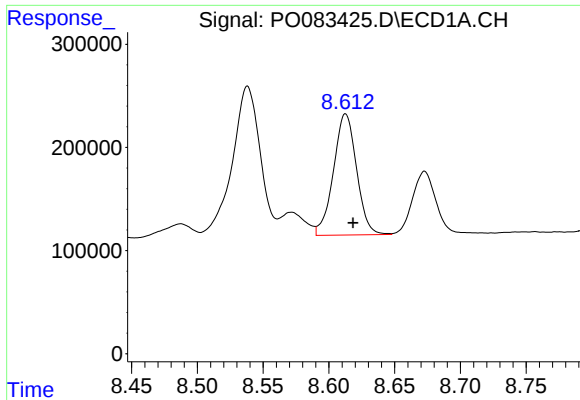
#32 AR-1260-2

R.T.: 8.245 min
Delta R.T.: -0.006 min
Response: 1853395
Conc: 493.81 ng/ml



#32 AR-1260-2

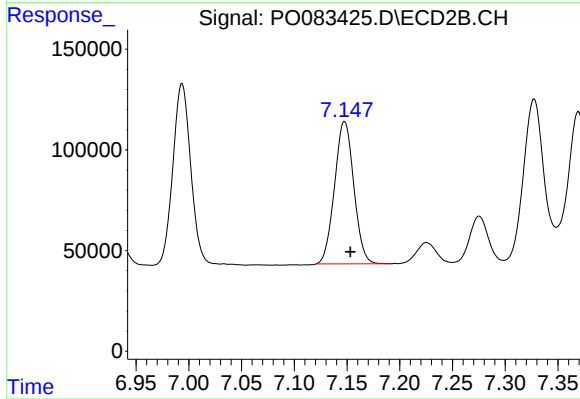
R.T.: 6.994 min
Delta R.T.: -0.005 min
Response: 1083492
Conc: 452.20 ng/ml



#33 AR-1260-3

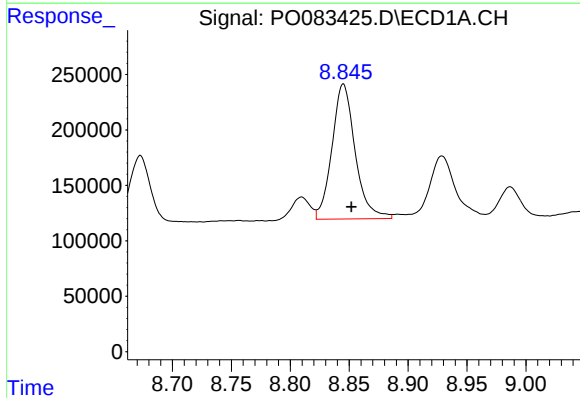
R.T.: 8.613 min
Delta R.T.: -0.006 min
Response: 1438211
Conc: 502.71 ng/ml

Instrument :
ECD_O
ClientSampleId :



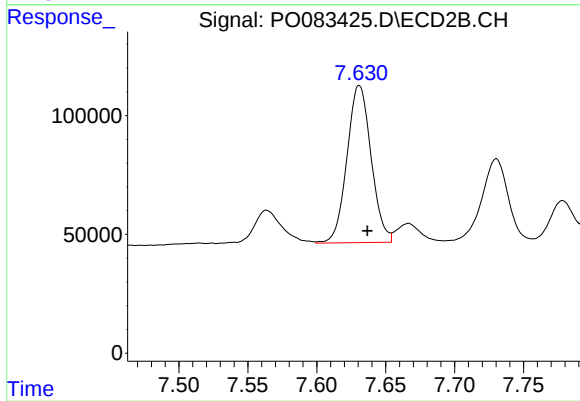
#33 AR-1260-3

R.T.: 7.148 min
Delta R.T.: -0.006 min
Response: 898297
Conc: 437.97 ng/ml



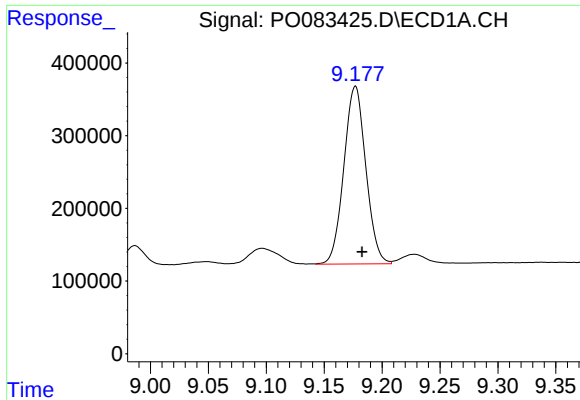
#34 AR-1260-4

R.T.: 8.845 min
Delta R.T.: -0.007 min
Response: 1667846
Conc: 516.40 ng/ml



#34 AR-1260-4

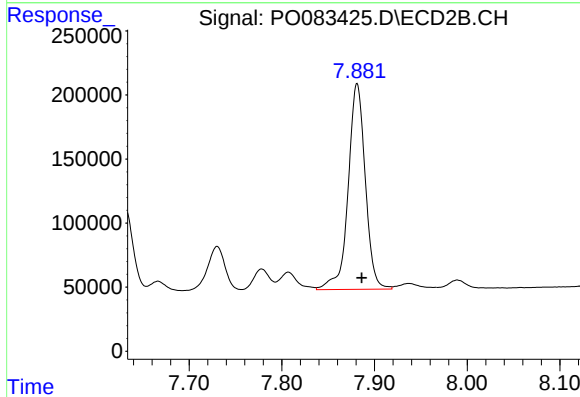
R.T.: 7.631 min
Delta R.T.: -0.006 min
Response: 806976
Conc: 458.47 ng/ml



#35 AR-1260-5

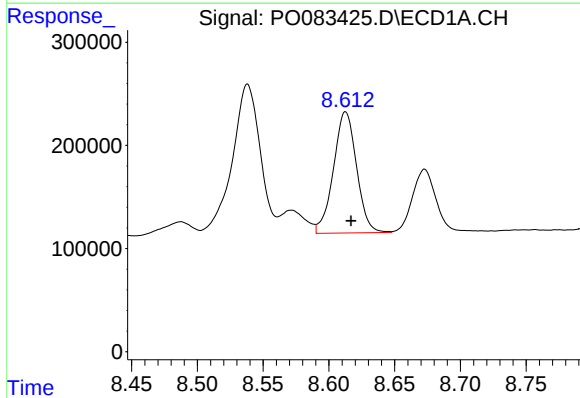
R.T.: 9.177 min
Delta R.T.: -0.006 min
Response: 3225026
Conc: 508.90 ng/ml

Instrument :
ECD_O
ClientSampleId :



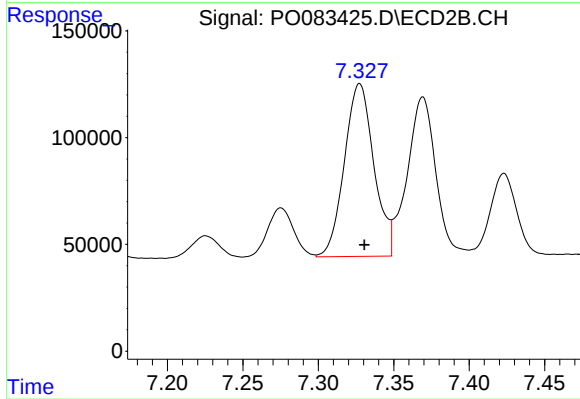
#35 AR-1260-5

R.T.: 7.881 min
Delta R.T.: -0.005 min
Response: 2064431
Conc: 462.38 ng/ml



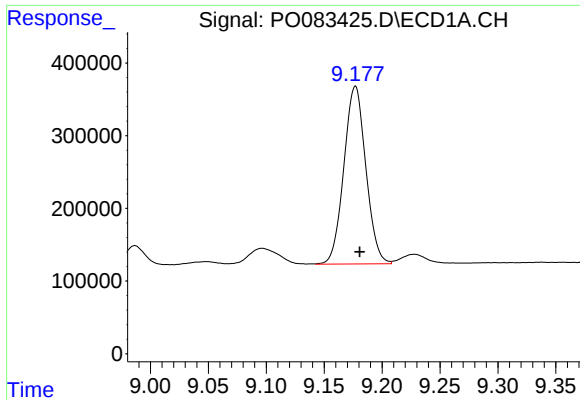
#36 AR-1262-1

R.T.: 8.613 min
Delta R.T.: -0.004 min
Response: 1438211
Conc: 385.66 ng/ml



#36 AR-1262-1

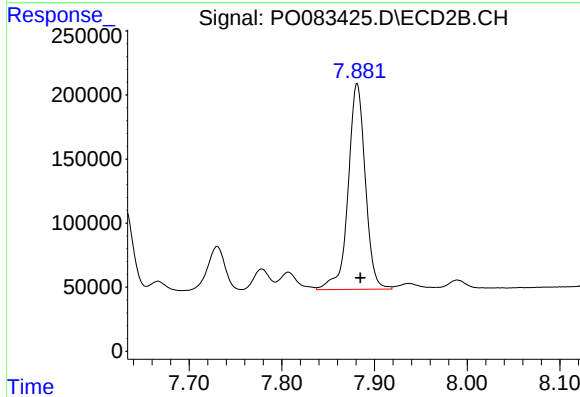
R.T.: 7.327 min
Delta R.T.: -0.003 min
Response: 1101962
Conc: 904.47 ng/ml



#37 AR-1262-2

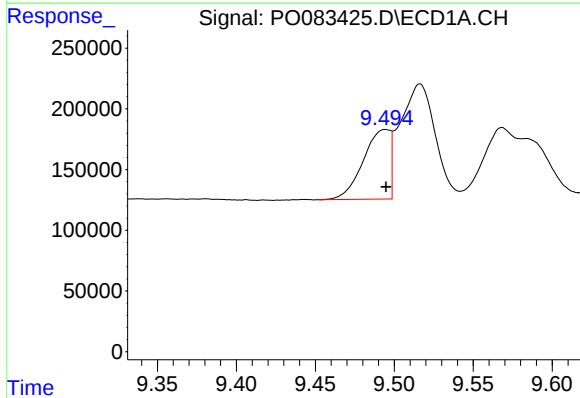
R.T.: 9.177 min
Delta R.T.: -0.004 min
Response: 3225026
Conc: 501.19 ng/ml

Instrument :
ECD_O
ClientSampleId :



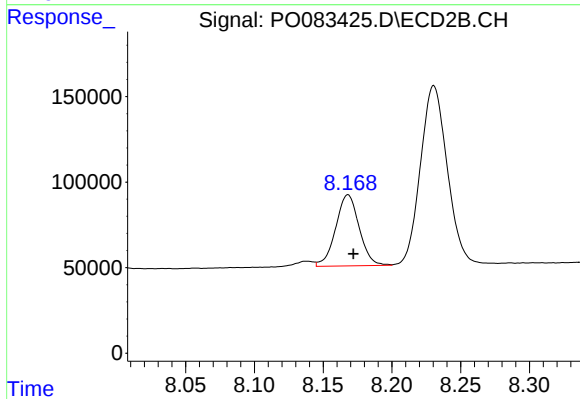
#37 AR-1262-2

R.T.: 7.881 min
Delta R.T.: -0.004 min
Response: 2064431
Conc: 456.96 ng/ml



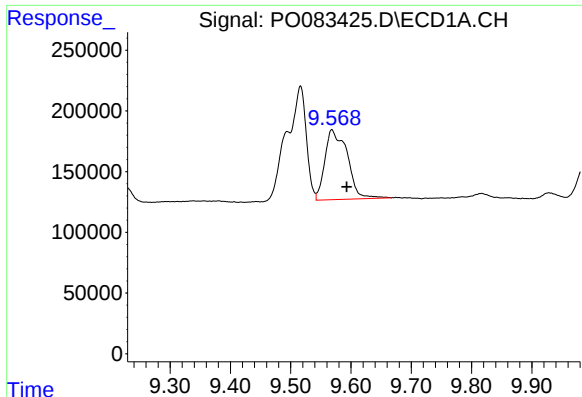
#38 AR-1262-3

R.T.: 9.495 min
Delta R.T.: 0.000 min
Response: 678568
Conc: 223.09 ng/ml



#38 AR-1262-3

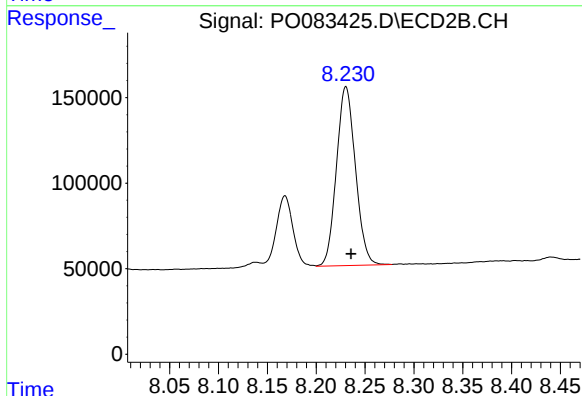
R.T.: 8.168 min
Delta R.T.: -0.004 min
Response: 494513
Conc: 264.24 ng/ml



#39 AR-1262-4

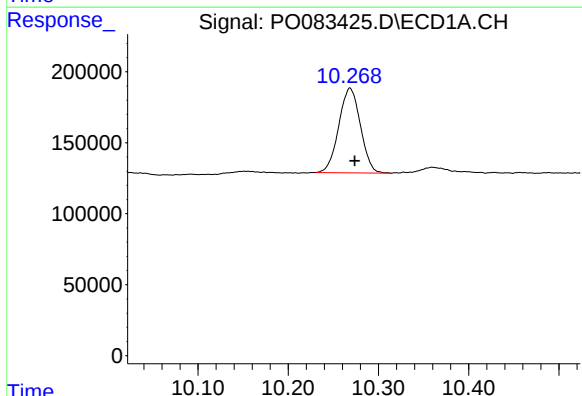
R.T.: 9.568 min
Delta R.T.: -0.025 min
Response: 1483658
Conc: 783.85 ng/ml

Instrument :
ECD_O
ClientSampleId :



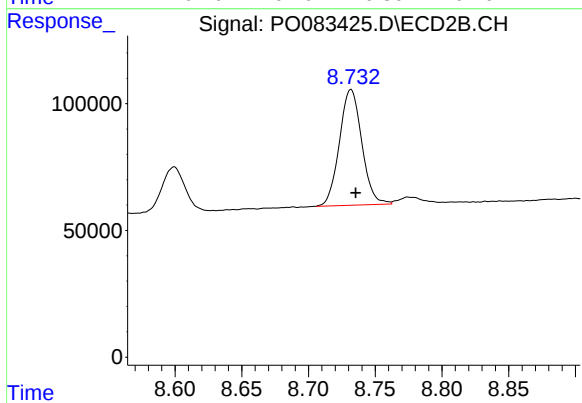
#39 AR-1262-4

R.T.: 8.230 min
Delta R.T.: -0.005 min
Response: 1412893
Conc: 446.13 ng/ml



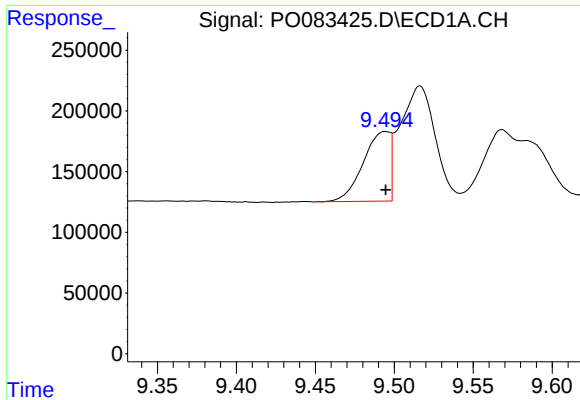
#40 AR-1262-5

R.T.: 10.268 min
Delta R.T.: -0.005 min
Response: 996766
Conc: 399.46 ng/ml



#40 AR-1262-5

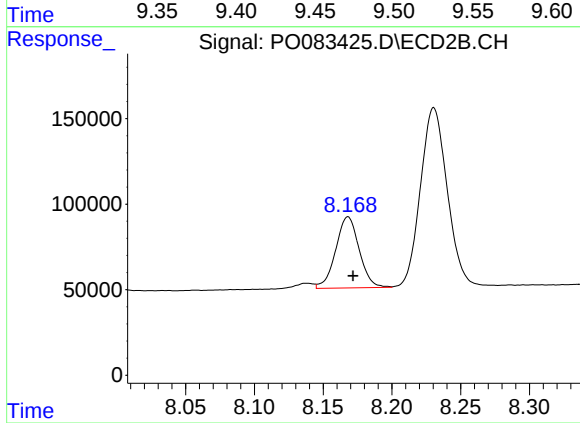
R.T.: 8.732 min
Delta R.T.: -0.003 min
Response: 532831
Conc: 359.38 ng/ml



#41 AR-1268-1

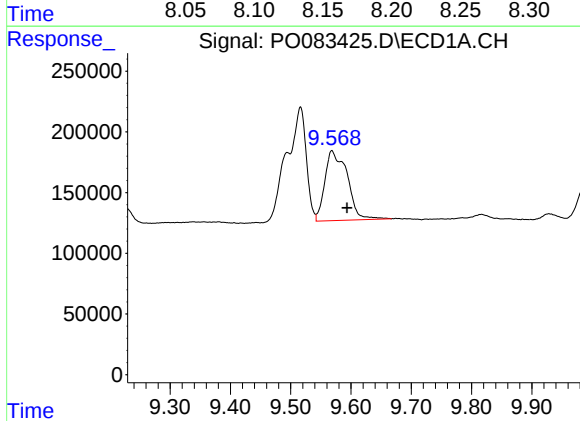
R.T.: 9.495 min
Delta R.T.: 0.000 min
Response: 678568
Conc: 82.02 ng/ml

Instrument :
ECD_O
ClientSampleId :



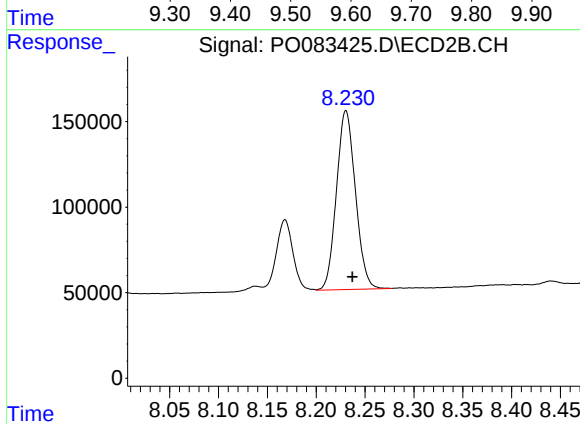
#41 AR-1268-1

R.T.: 8.168 min
Delta R.T.: -0.004 min
Response: 494513
Conc: 85.75 ng/ml



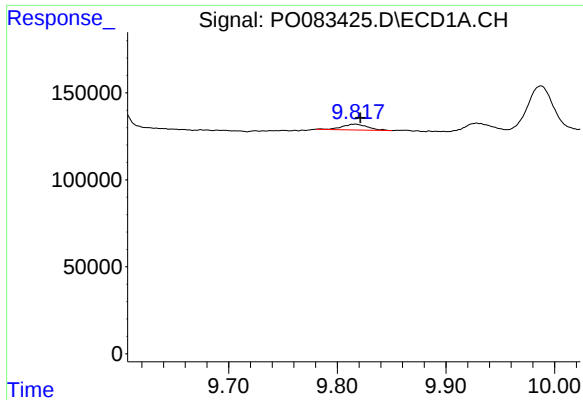
#42 AR-1268-2

R.T.: 9.568 min
Delta R.T.: -0.025 min
Response: 1483658
Conc: 192.89 ng/ml



#42 AR-1268-2

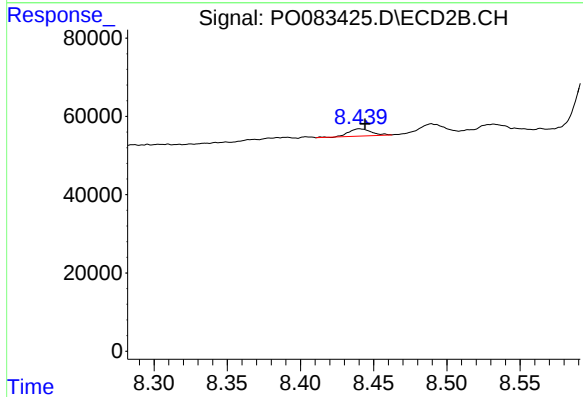
R.T.: 8.230 min
Delta R.T.: -0.006 min
Response: 1412893
Conc: 294.17 ng/ml



#43 AR-1268-3

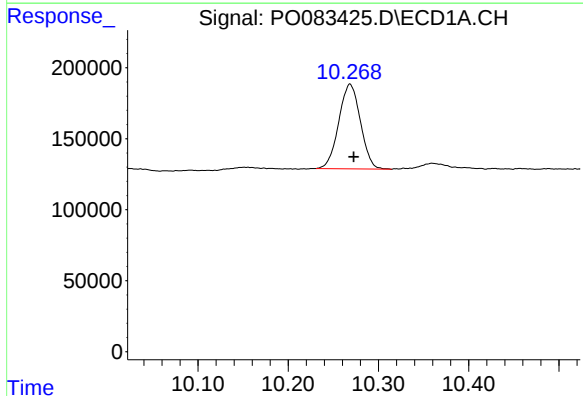
R.T.: 9.817 min
Delta R.T.: -0.005 min
Response: 53905
Conc: 8.22 ng/ml

Instrument :
ECD_O
ClientSampleId :



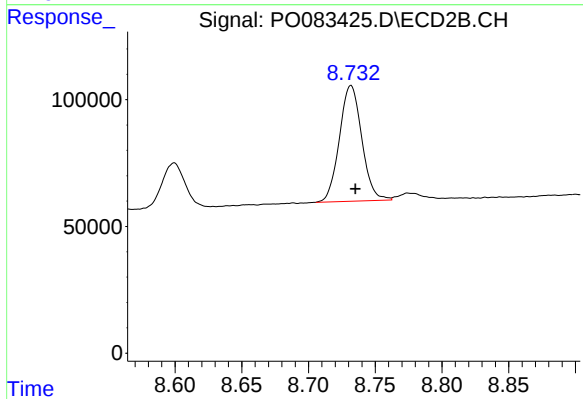
#43 AR-1268-3

R.T.: 8.441 min
Delta R.T.: -0.003 min
Response: 19655
Conc: 4.77 ng/ml



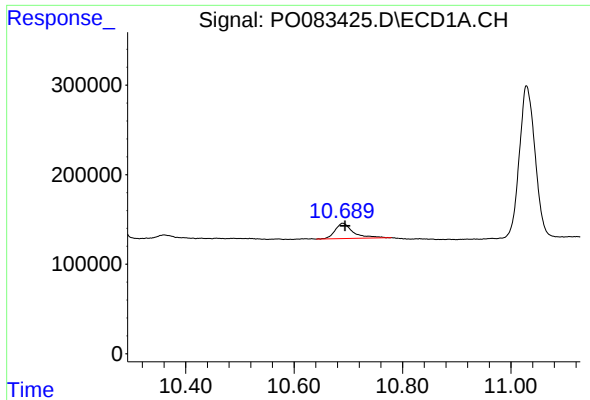
#44 AR-1268-4

R.T.: 10.268 min
Delta R.T.: -0.004 min
Response: 996766
Conc: 349.07 ng/ml



#44 AR-1268-4

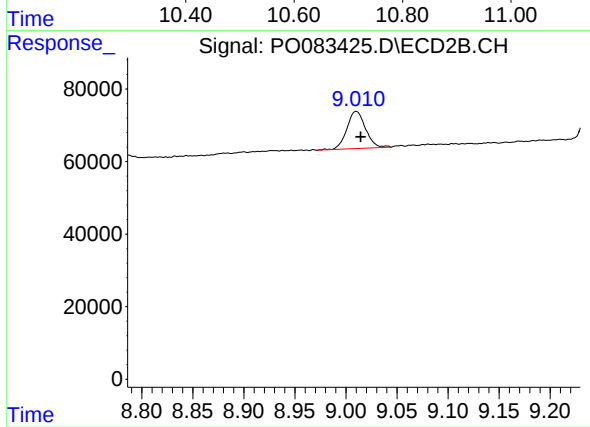
R.T.: 8.732 min
Delta R.T.: -0.003 min
Response: 532831
Conc: 314.34 ng/ml



#45 AR-1268-5

R.T.: 10.690 min
Delta R.T.: -0.004 min
Response: 396807
Conc: 17.70 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 9.010 min
Delta R.T.: -0.005 min
Response: 130228
Conc: 11.08 ng/ml