

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021821\
 Data File : PP033426.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 19 Feb 2021 00:45
 Operator : DD\AJ
 Sample : M1446-01MSD
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 19 03:31:41 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP020821.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Feb 09 04:00:57 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...	4.725	3.998	1743556	1084278	28.433	26.516
2)	SA Decachlor...	10.540	9.257	1204131	1242411	27.642	37.087 #
Target Compounds							
3)	L1 AR-1016-1	6.022	5.241	1175546	813502	717.209	741.213
4)	L1 AR-1016-2	6.045	5.260	1770416	1175004	706.982	720.001
5)	L1 AR-1016-3	6.111	5.451	1095191	650116	690.596	729.331
6)	L1 AR-1016-4	6.216	5.502	944218	480953	712.419	667.856
7)	L1 AR-1016-5	6.529	5.730	824322	637894	628.516	677.846
8)	L2 AR-1221-1	4.966	4.250	162218	75074	262.953	180.175 #
9)	L2 AR-1221-2	5.067	4.350	145523	102208	312.816	323.433
10)	L2 AR-1221-3	5.151	4.437	646265	433931	458.164	440.639
11)	L3 AR-1232-1	5.151	4.437	646265	433931	557.326	547.556
12)	L3 AR-1232-2	5.731	5.260	870407	1175004	1363.288	1589.324
13)	L3 AR-1232-3	6.045	5.451	1770416	650116	1613.787	1639.127
14)	L3 AR-1232-4	6.216	5.546	944218	601172	1645.074	1714.939
15)	L3 AR-1232-5	6.315	5.730	652270	637894	1785.007	1678.457
16)	L4 AR-1242-1	6.022	5.241	1175546	813502	904.333	939.891
17)	L4 AR-1242-2	6.045	5.260	1770416	1175004	898.550	915.563
18)	L4 AR-1242-3	6.111	5.451	1095191	650116	864.107	924.895
19)	L4 AR-1242-4	6.216	5.546	944218	601172	860.226	863.117
20)	L4 AR-1242-5	6.992	6.106	122494	501529	117.901	593.968 #
21)	L5 AR-1248-1	6.022	5.241	1175546	813502	1227.772	1250.893
22)	L5 AR-1248-2	6.315	5.502	652270	480953	492.253	501.329
23)	L5 AR-1248-3	6.529	5.546	824322	601172	509.067	591.264
24)	L5 AR-1248-4	6.953	5.730	144478	637894	83.967	514.732 #
25)	L5 AR-1248-5	6.992	6.150	122494	69081	70.399	61.170
26)	L6 AR-1254-1	6.924	6.106	623767	501529	332.229	262.423
27)	L6 AR-1254-2	7.152	6.265	703494	466672	239.956	284.621
28)	L6 AR-1254-3	7.530	6.700	381123	868932	125.481	323.302 #
29)	L6 AR-1254-4	7.823	6.923	256325	90154	110.806	60.381 #
30)	L6 AR-1254-5	8.249	7.349	2388380	1725542	987.022	712.627 #
31)	L7 AR-1260-1	7.697	6.818	1543017	1208201	704.786	704.398
32)	L7 AR-1260-2	7.961	7.016	2119405	1429441	725.166	707.430
33)	L7 AR-1260-3	8.326	7.169	1545217	1413887	603.746	712.712
34)	L7 AR-1260-4	8.555	7.650	1528956	1036049	625.837	615.853
35)	L7 AR-1260-5	8.867	7.899	3438780	2482968	638.826	645.308
36)	L8 AR-1262-1	8.326	7.349	1545217	1725542	406.454	1385.481 #
37)	L8 AR-1262-2	8.867	7.899	3438780	2482968	549.246	564.623
38)	L8 AR-1262-3	9.176	8.182	1975627	494220	481.928	262.357 #
39)	L8 AR-1262-4	9.227f	8.245	1141030	1845355	365.986	540.897 #
40)	L8 AR-1262-5	9.859	8.744	770864	566666	374.552	367.678
41)	L9 AR-1268-1	9.176	8.182	1975627	494220	262.309	95.527 #

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 Operator : DD\AJ
 Sample : M1446-01MSD
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

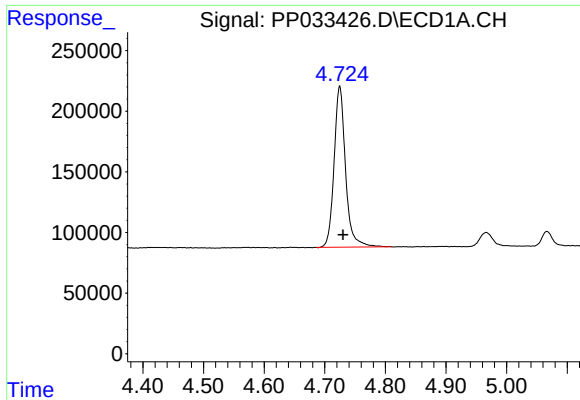
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 19 03:31:41 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP020821.M
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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	9.227f	8.245	1141030	1845355	176.745	375.182 #
43) L9	AR-1268-3	9.455	8.449	65741	41644	10.711	9.527
44) L9	AR-1268-4	9.859	8.744	770864	566666	355.124	341.037
45) L9	AR-1268-5	10.237	9.020	244124	255819	14.913	20.010 #

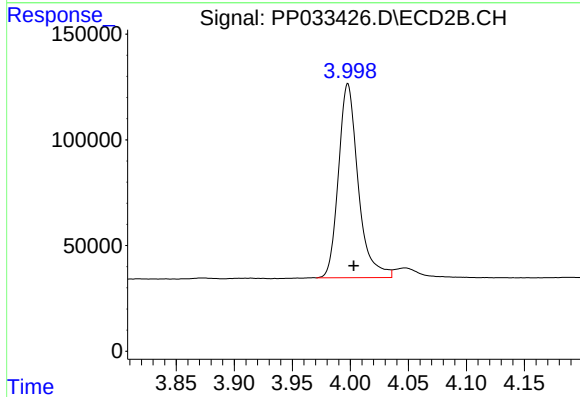
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

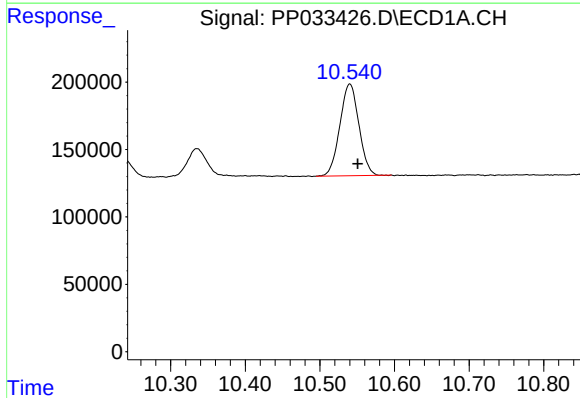
R.T.: 4.725 min
Delta R.T.: -0.005 min
Response: 1743556
Conc: 28.43 ng/ml

Instrument :
ECD_P
ClientSampleId :



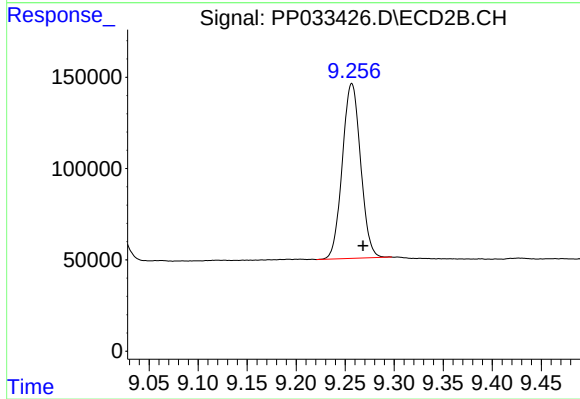
#1 Tetrachloro-m-xylene

R.T.: 3.998 min
Delta R.T.: -0.005 min
Response: 1084278
Conc: 26.52 ng/ml



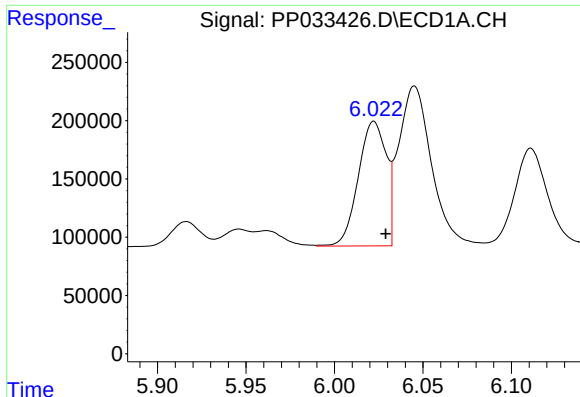
#2 Decachlorobiphenyl

R.T.: 10.540 min
Delta R.T.: -0.011 min
Response: 1204131
Conc: 27.64 ng/ml



#2 Decachlorobiphenyl

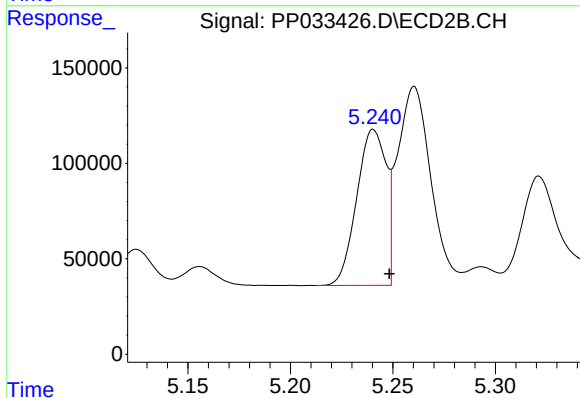
R.T.: 9.257 min
Delta R.T.: -0.012 min
Response: 1242411
Conc: 37.09 ng/ml



#3 AR-1016-1

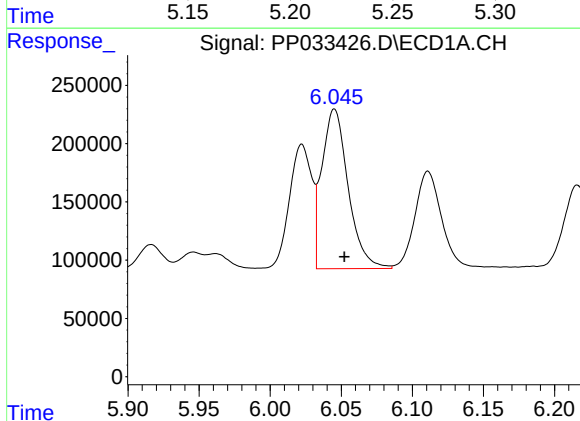
R.T.: 6.022 min
Delta R.T.: -0.007 min
Response: 1175546
Conc: 717.21 ng/ml

Instrument :
ECD_P
ClientSampleId :



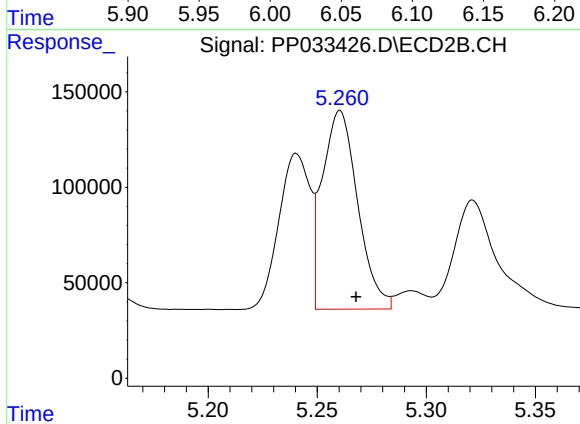
#3 AR-1016-1

R.T.: 5.241 min
Delta R.T.: -0.008 min
Response: 813502
Conc: 741.21 ng/ml



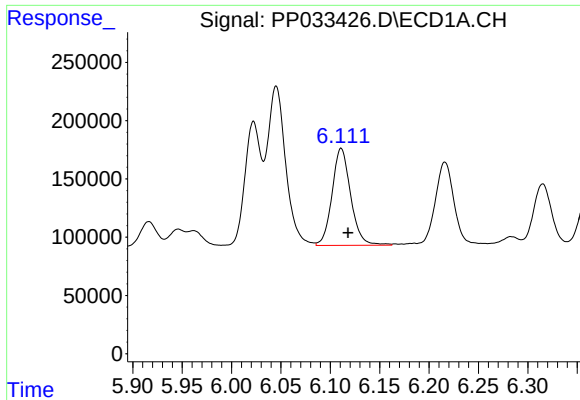
#4 AR-1016-2

R.T.: 6.045 min
Delta R.T.: -0.007 min
Response: 1770416
Conc: 706.98 ng/ml



#4 AR-1016-2

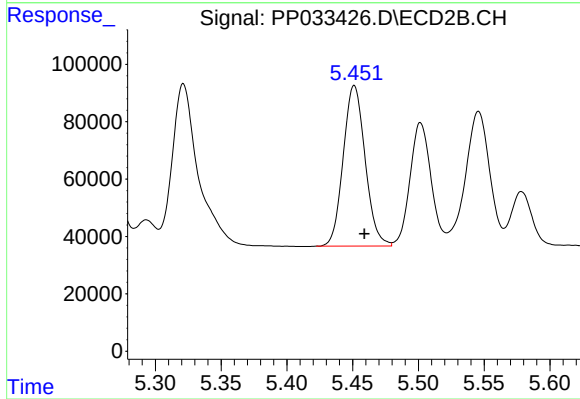
R.T.: 5.260 min
Delta R.T.: -0.007 min
Response: 1175004
Conc: 720.00 ng/ml



#5 AR-1016-3

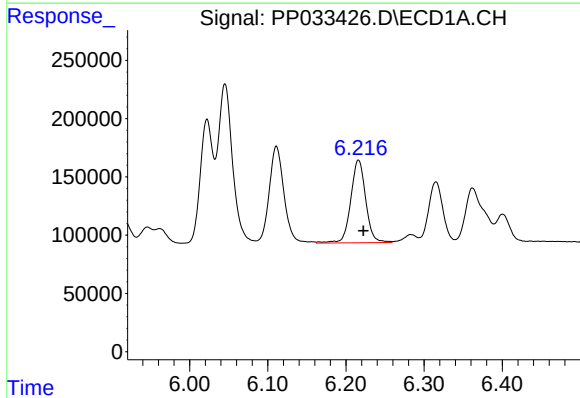
R.T.: 6.111 min
Delta R.T.: -0.007 min
Response: 1095191
Conc: 690.60 ng/ml

Instrument :
ECD_P
ClientSampleId :



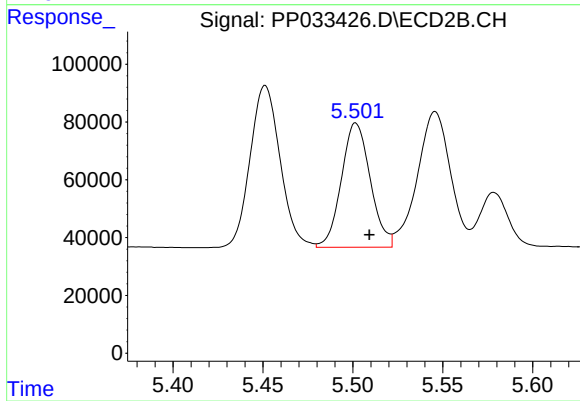
#5 AR-1016-3

R.T.: 5.451 min
Delta R.T.: -0.008 min
Response: 650116
Conc: 729.33 ng/ml



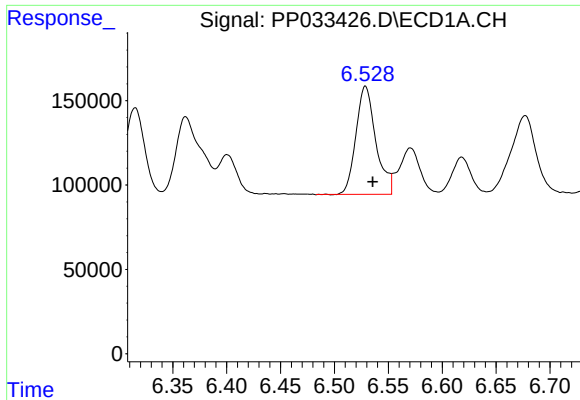
#6 AR-1016-4

R.T.: 6.216 min
Delta R.T.: -0.006 min
Response: 944218
Conc: 712.42 ng/ml



#6 AR-1016-4

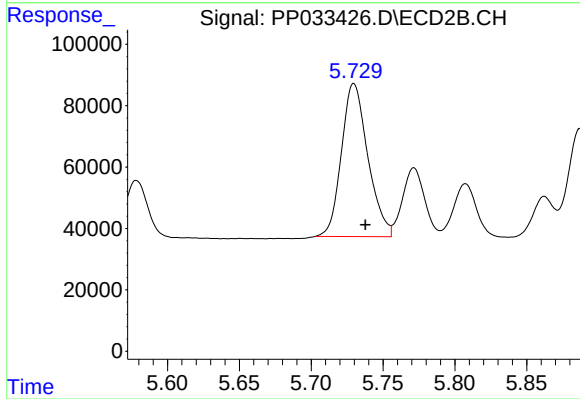
R.T.: 5.502 min
Delta R.T.: -0.008 min
Response: 480953
Conc: 667.86 ng/ml



#7 AR-1016-5

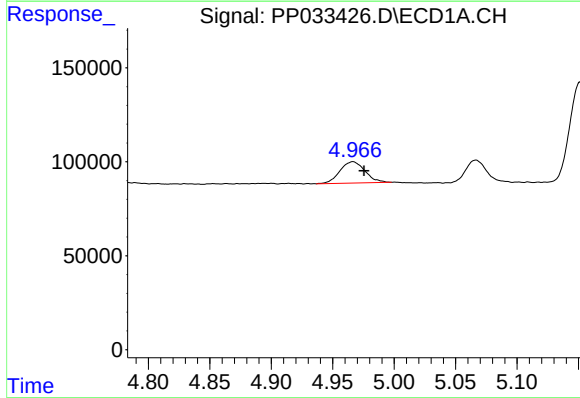
R.T.: 6.529 min
Delta R.T.: -0.007 min
Response: 824322
Conc: 628.52 ng/ml

Instrument :
ECD_P
ClientSampleId :



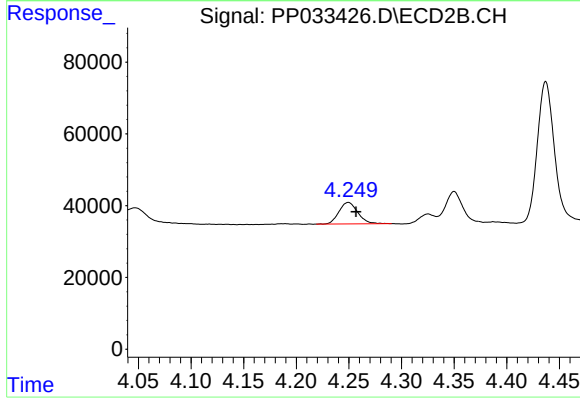
#7 AR-1016-5

R.T.: 5.730 min
Delta R.T.: -0.008 min
Response: 637894
Conc: 677.85 ng/ml



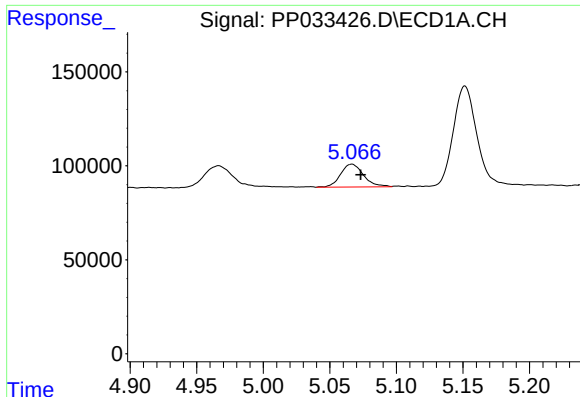
#8 AR-1221-1

R.T.: 4.966 min
Delta R.T.: -0.009 min
Response: 162218
Conc: 262.95 ng/ml



#8 AR-1221-1

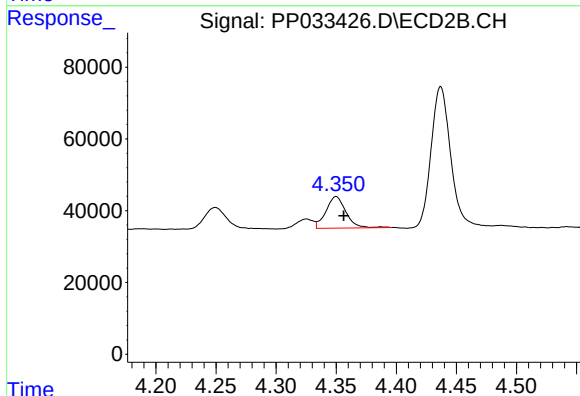
R.T.: 4.250 min
Delta R.T.: -0.007 min
Response: 75074
Conc: 180.18 ng/ml



#9 AR-1221-2

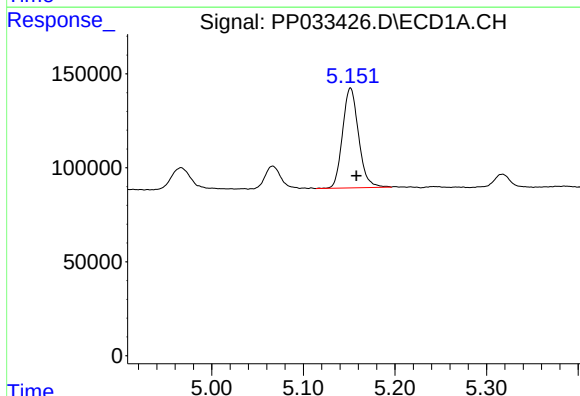
R.T.: 5.067 min
Delta R.T.: -0.006 min
Response: 145523
Conc: 312.82 ng/ml

Instrument :
ECD_P
ClientSampleId :



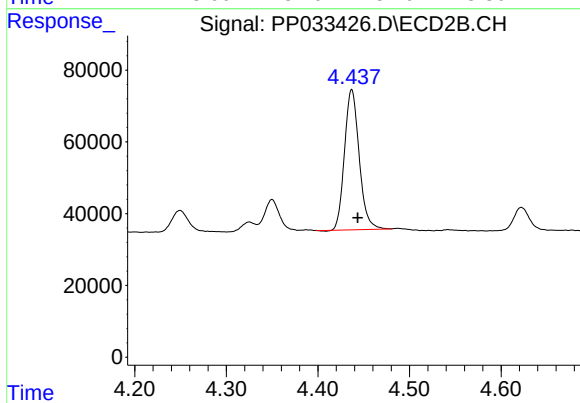
#9 AR-1221-2

R.T.: 4.350 min
Delta R.T.: -0.006 min
Response: 102208
Conc: 323.43 ng/ml



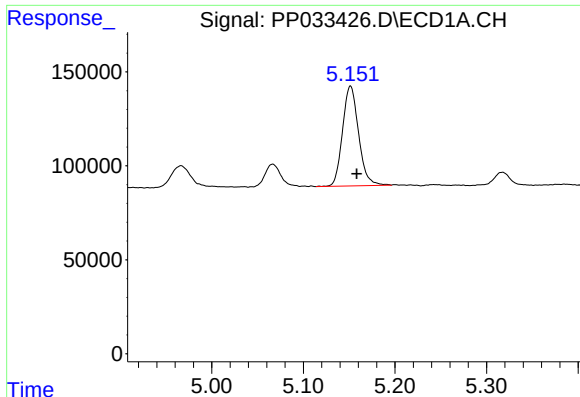
#10 AR-1221-3

R.T.: 5.151 min
Delta R.T.: -0.006 min
Response: 646265
Conc: 458.16 ng/ml



#10 AR-1221-3

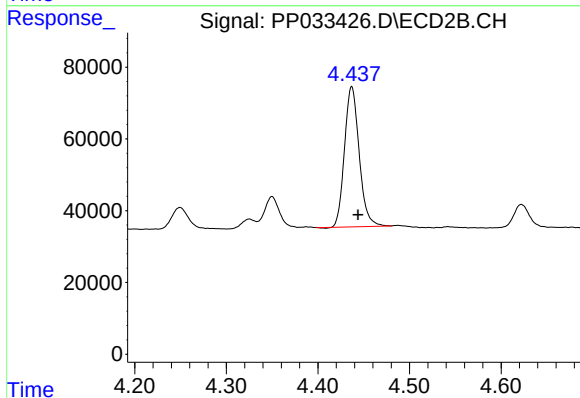
R.T.: 4.437 min
Delta R.T.: -0.007 min
Response: 433931
Conc: 440.64 ng/ml



#11 AR-1232-1

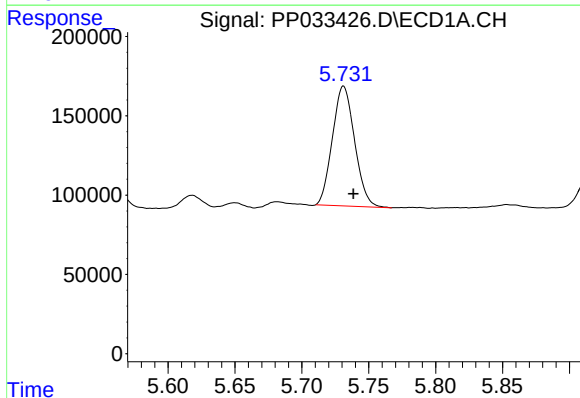
R.T.: 5.151 min
Delta R.T.: -0.007 min
Response: 646265
Conc: 557.33 ng/ml

Instrument :
ECD_P
ClientSampleId :



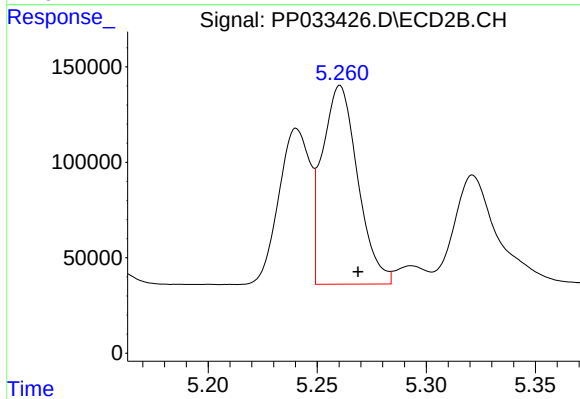
#11 AR-1232-1

R.T.: 4.437 min
Delta R.T.: -0.007 min
Response: 433931
Conc: 547.56 ng/ml



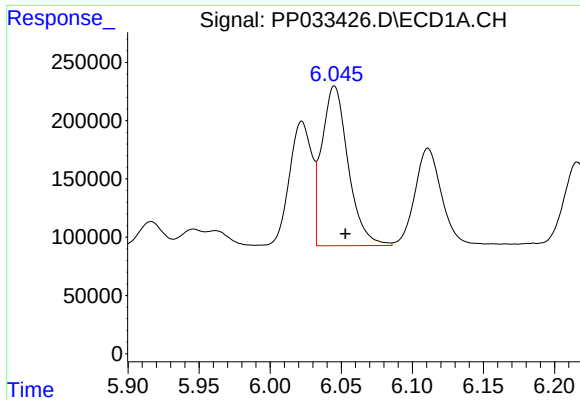
#12 AR-1232-2

R.T.: 5.731 min
Delta R.T.: -0.007 min
Response: 870407
Conc: 1363.29 ng/ml



#12 AR-1232-2

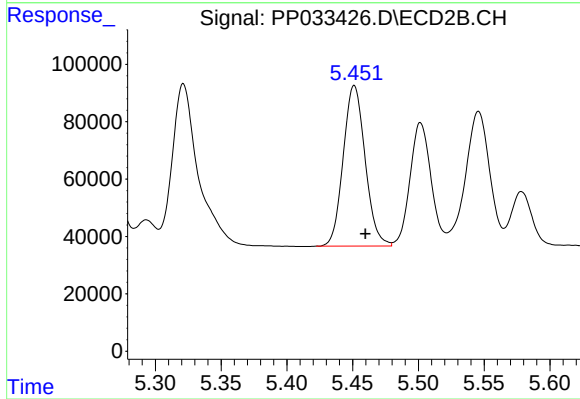
R.T.: 5.260 min
Delta R.T.: -0.008 min
Response: 1175004
Conc: 1589.32 ng/ml



#13 AR-1232-3

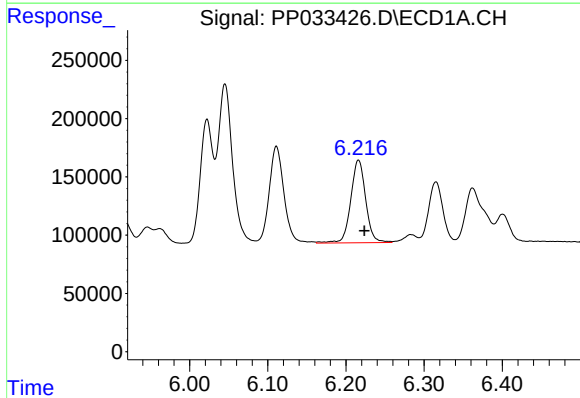
R.T.: 6.045 min
Delta R.T.: -0.008 min
Response: 1770416
Conc: 1613.79 ng/ml

Instrument :
ECD_P
ClientSampleId :



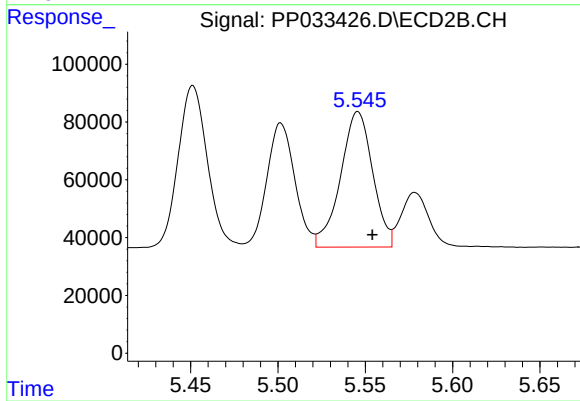
#13 AR-1232-3

R.T.: 5.451 min
Delta R.T.: -0.009 min
Response: 650116
Conc: 1639.13 ng/ml



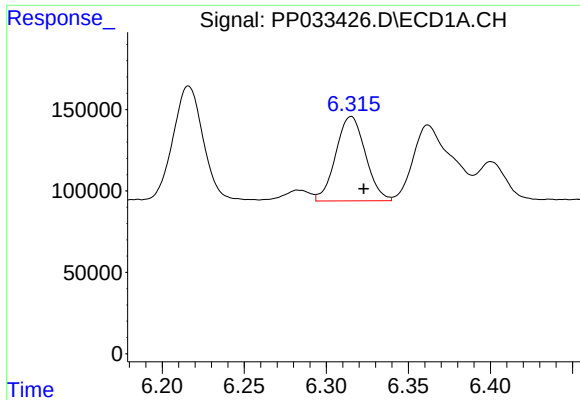
#14 AR-1232-4

R.T.: 6.216 min
Delta R.T.: -0.008 min
Response: 944218
Conc: 1645.07 ng/ml



#14 AR-1232-4

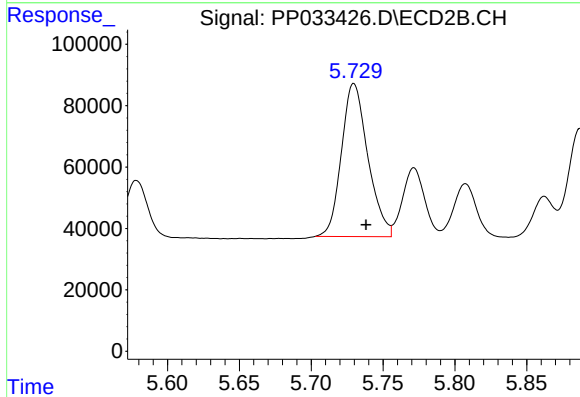
R.T.: 5.546 min
Delta R.T.: -0.008 min
Response: 601172
Conc: 1714.94 ng/ml



#15 AR-1232-5

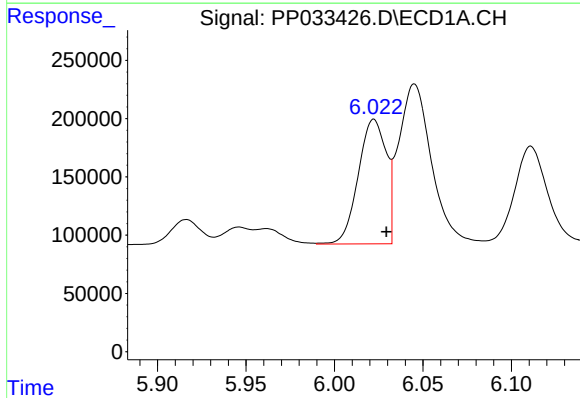
R.T.: 6.315 min
Delta R.T.: -0.008 min
Response: 652270
Conc: 1785.01 ng/ml

Instrument :
ECD_P
ClientSampleId :



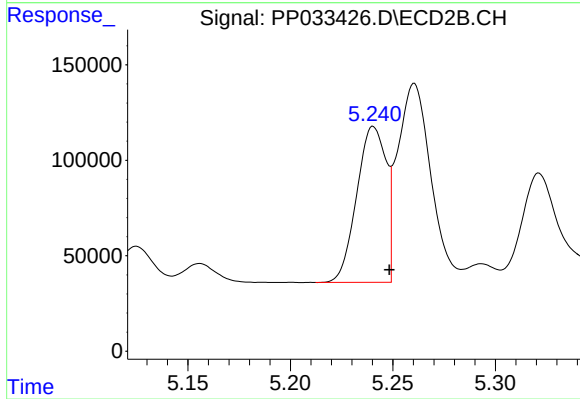
#15 AR-1232-5

R.T.: 5.730 min
Delta R.T.: -0.009 min
Response: 637894
Conc: 1678.46 ng/ml



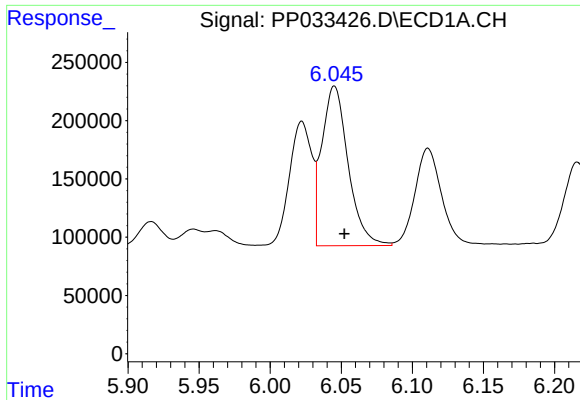
#16 AR-1242-1

R.T.: 6.022 min
Delta R.T.: -0.007 min
Response: 1175546
Conc: 904.33 ng/ml



#16 AR-1242-1

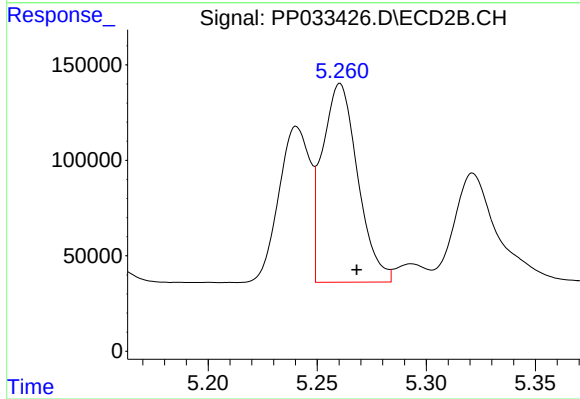
R.T.: 5.241 min
Delta R.T.: -0.008 min
Response: 813502
Conc: 939.89 ng/ml



#17 AR-1242-2

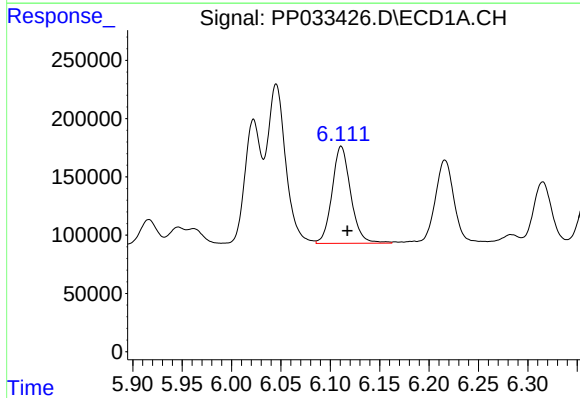
R.T.: 6.045 min
Delta R.T.: -0.007 min
Response: 1770416
Conc: 898.55 ng/ml

Instrument :
ECD_P
ClientSampleId :



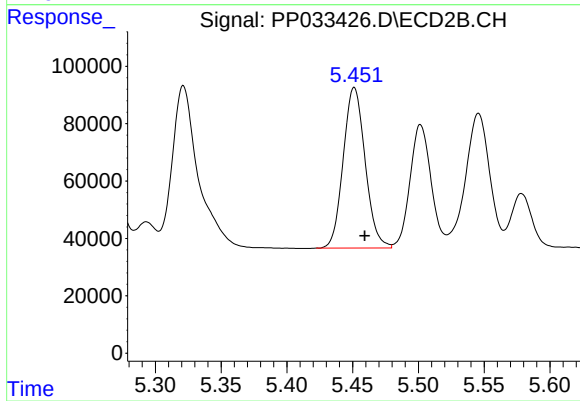
#17 AR-1242-2

R.T.: 5.260 min
Delta R.T.: -0.008 min
Response: 1175004
Conc: 915.56 ng/ml



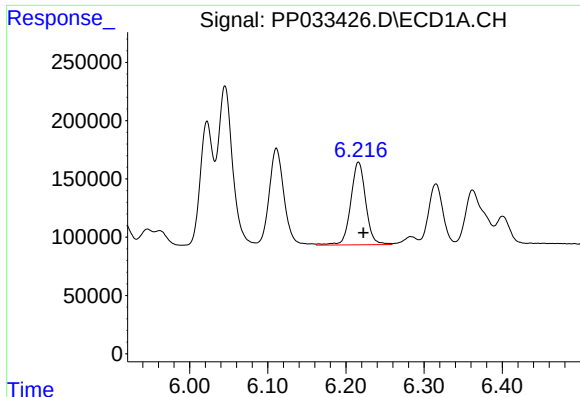
#18 AR-1242-3

R.T.: 6.111 min
Delta R.T.: -0.006 min
Response: 1095191
Conc: 864.11 ng/ml



#18 AR-1242-3

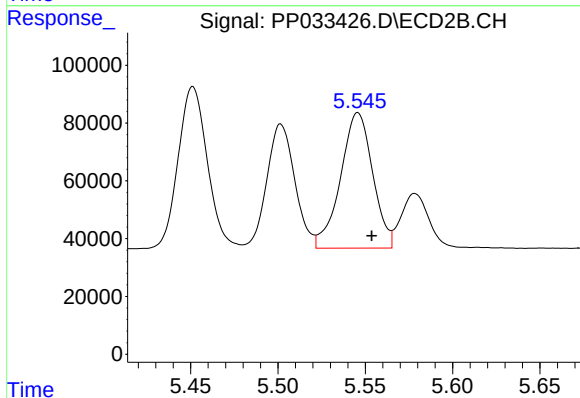
R.T.: 5.451 min
Delta R.T.: -0.008 min
Response: 650116
Conc: 924.89 ng/ml



#19 AR-1242-4

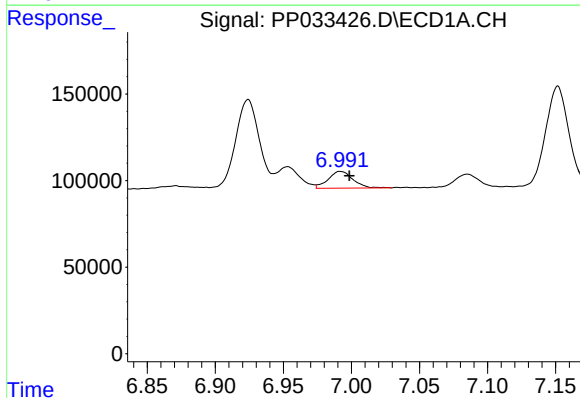
R.T.: 6.216 min
Delta R.T.: -0.006 min
Response: 944218
Conc: 860.23 ng/ml

Instrument :
ECD_P
ClientSampleId :



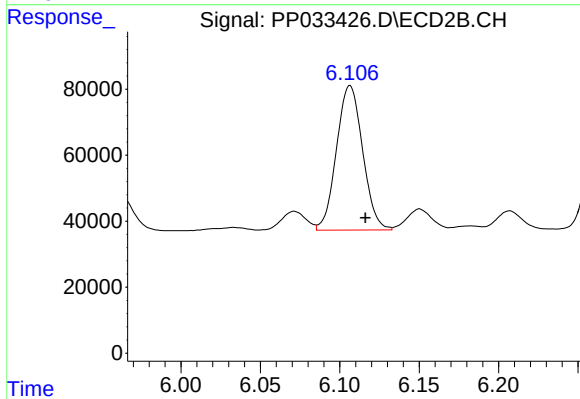
#19 AR-1242-4

R.T.: 5.546 min
Delta R.T.: -0.008 min
Response: 601172
Conc: 863.12 ng/ml



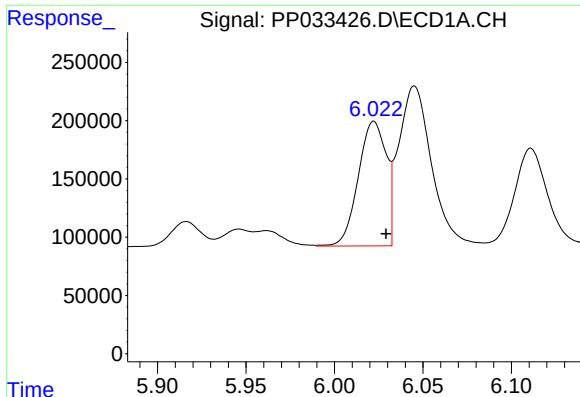
#20 AR-1242-5

R.T.: 6.992 min
Delta R.T.: -0.007 min
Response: 122494
Conc: 117.90 ng/ml



#20 AR-1242-5

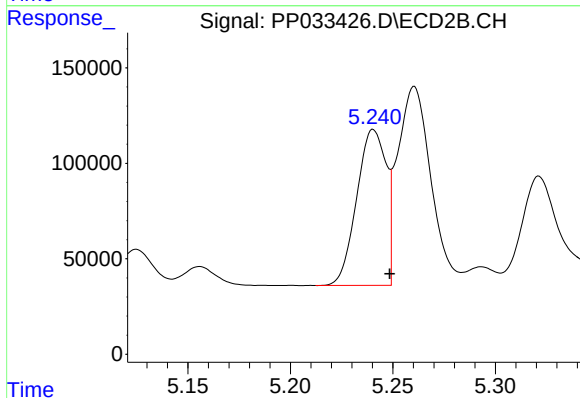
R.T.: 6.106 min
Delta R.T.: -0.010 min
Response: 501529
Conc: 593.97 ng/ml



#21 AR-1248-1

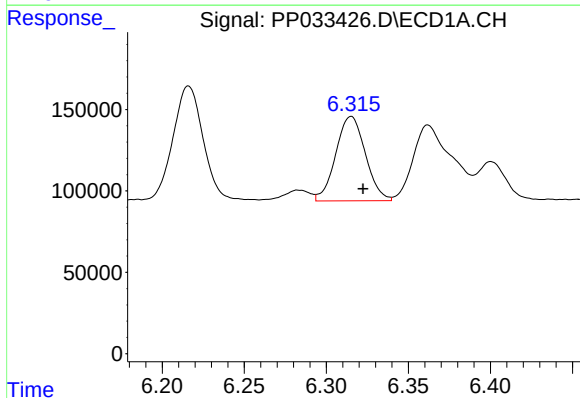
R.T.: 6.022 min
Delta R.T.: -0.007 min
Response: 1175546
Conc: 1227.77 ng/ml

Instrument :
ECD_P
ClientSampleId :



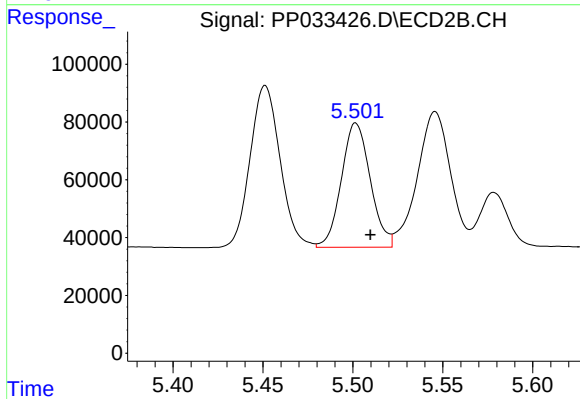
#21 AR-1248-1

R.T.: 5.241 min
Delta R.T.: -0.008 min
Response: 813502
Conc: 1250.89 ng/ml



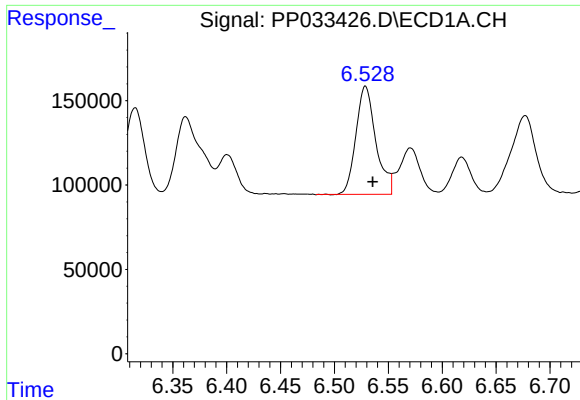
#22 AR-1248-2

R.T.: 6.315 min
Delta R.T.: -0.007 min
Response: 652270
Conc: 492.25 ng/ml



#22 AR-1248-2

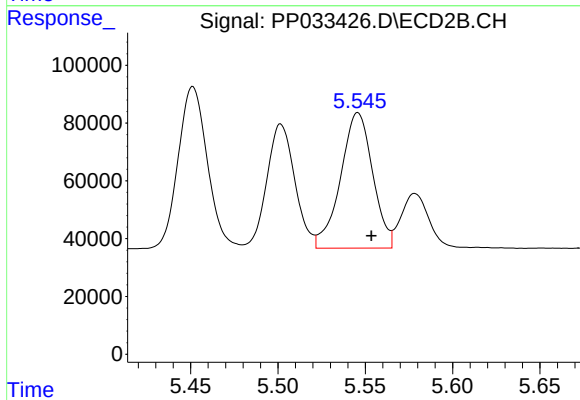
R.T.: 5.502 min
Delta R.T.: -0.008 min
Response: 480953
Conc: 501.33 ng/ml



#23 AR-1248-3

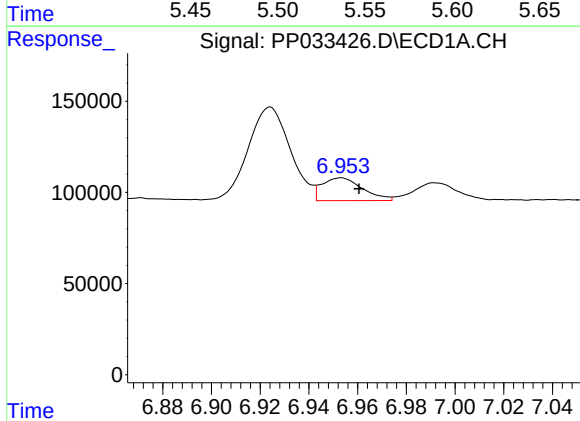
R.T.: 6.529 min
Delta R.T.: -0.007 min
Response: 824322
Conc: 509.07 ng/ml

Instrument :
ECD_P
ClientSampleId :



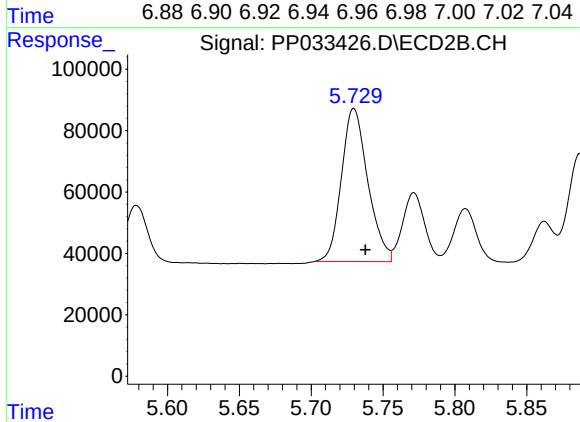
#23 AR-1248-3

R.T.: 5.546 min
Delta R.T.: -0.008 min
Response: 601172
Conc: 591.26 ng/ml



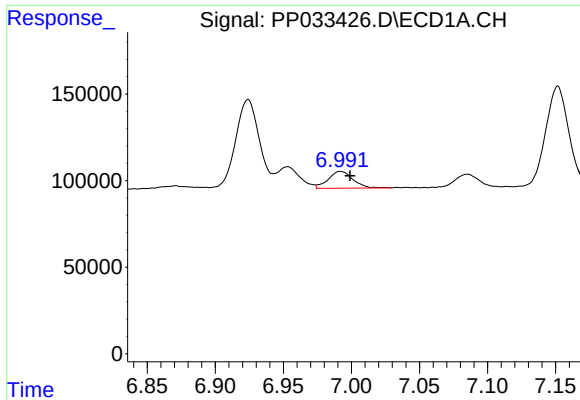
#24 AR-1248-4

R.T.: 6.953 min
Delta R.T.: -0.007 min
Response: 144478
Conc: 83.97 ng/ml



#24 AR-1248-4

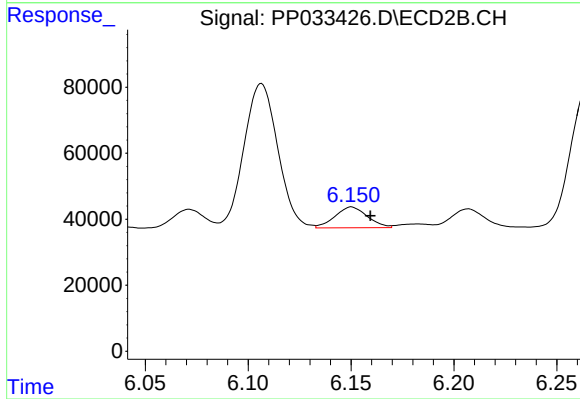
R.T.: 5.730 min
Delta R.T.: -0.008 min
Response: 637894
Conc: 514.73 ng/ml



#25 AR-1248-5

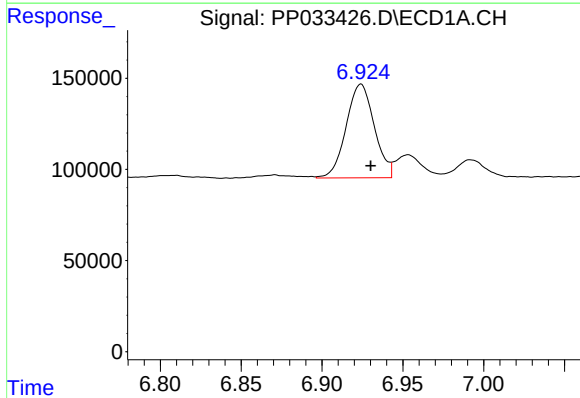
R.T.: 6.992 min
Delta R.T.: -0.007 min
Response: 122494
Conc: 70.40 ng/ml

Instrument :
ECD_P
ClientSampleId :



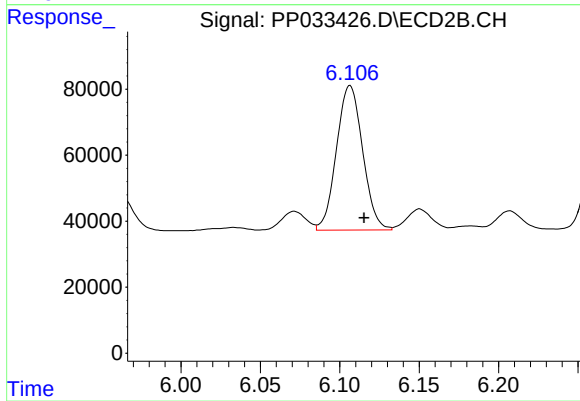
#25 AR-1248-5

R.T.: 6.150 min
Delta R.T.: -0.009 min
Response: 69081
Conc: 61.17 ng/ml



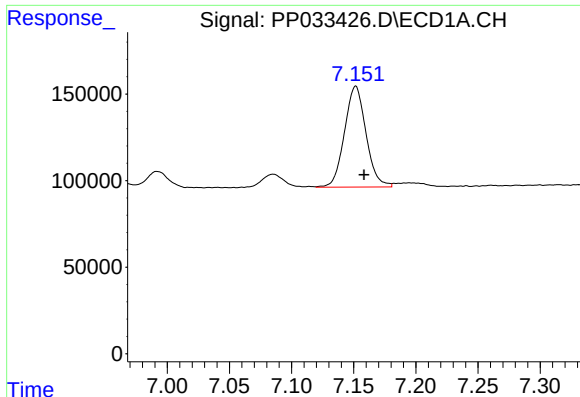
#26 AR-1254-1

R.T.: 6.924 min
Delta R.T.: -0.006 min
Response: 623767
Conc: 332.23 ng/ml



#26 AR-1254-1

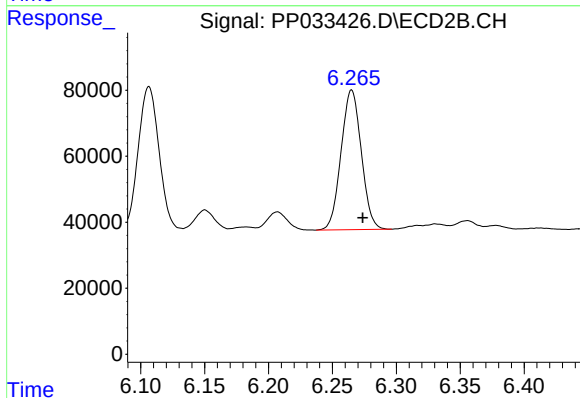
R.T.: 6.106 min
Delta R.T.: -0.009 min
Response: 501529
Conc: 262.42 ng/ml



#27 AR-1254-2

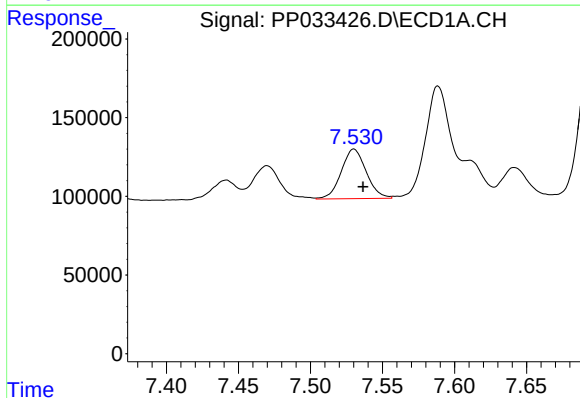
R.T.: 7.152 min
Delta R.T.: -0.007 min
Response: 703494
Conc: 239.96 ng/ml

Instrument :
ECD_P
ClientSampleId :



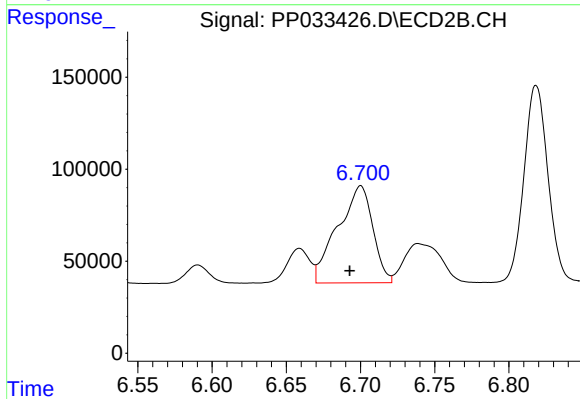
#27 AR-1254-2

R.T.: 6.265 min
Delta R.T.: -0.009 min
Response: 466672
Conc: 284.62 ng/ml



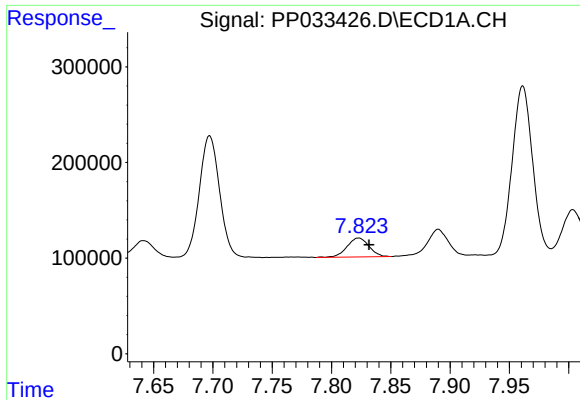
#28 AR-1254-3

R.T.: 7.530 min
Delta R.T.: -0.006 min
Response: 381123
Conc: 125.48 ng/ml



#28 AR-1254-3

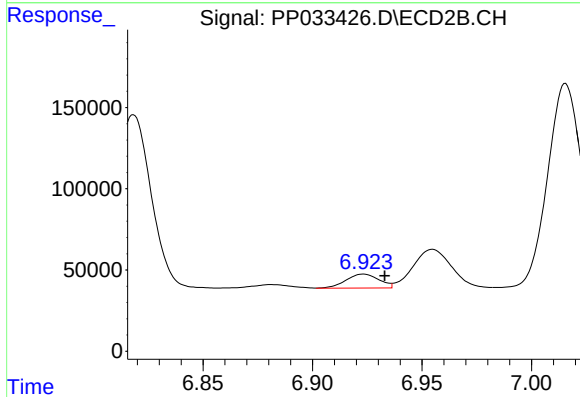
R.T.: 6.700 min
Delta R.T.: 0.007 min
Response: 868932
Conc: 323.30 ng/ml



#29 AR-1254-4

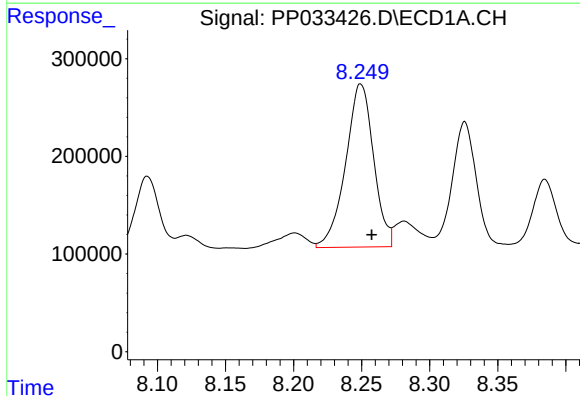
R.T.: 7.823 min
Delta R.T.: -0.009 min
Response: 256325
Conc: 110.81 ng/ml

Instrument :
ECD_P
ClientSampleId :



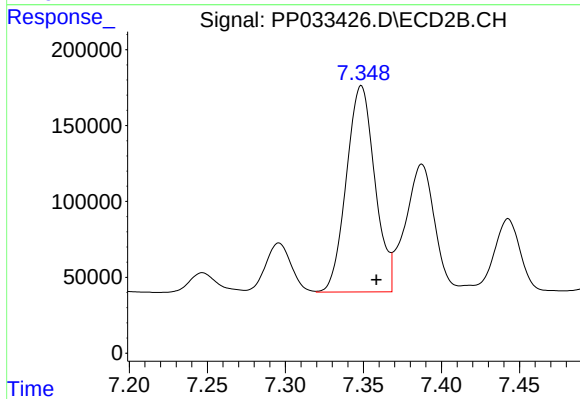
#29 AR-1254-4

R.T.: 6.923 min
Delta R.T.: -0.010 min
Response: 90154
Conc: 60.38 ng/ml



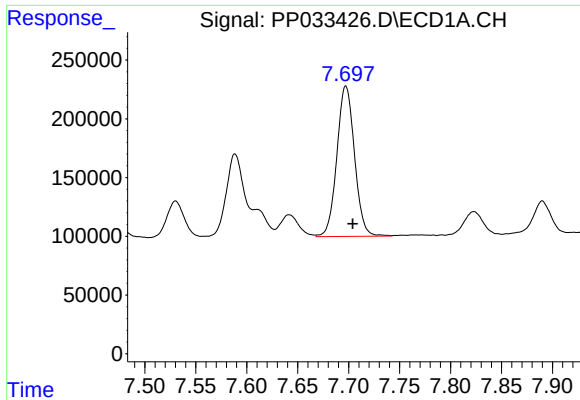
#30 AR-1254-5

R.T.: 8.249 min
Delta R.T.: -0.008 min
Response: 2388380
Conc: 987.02 ng/ml



#30 AR-1254-5

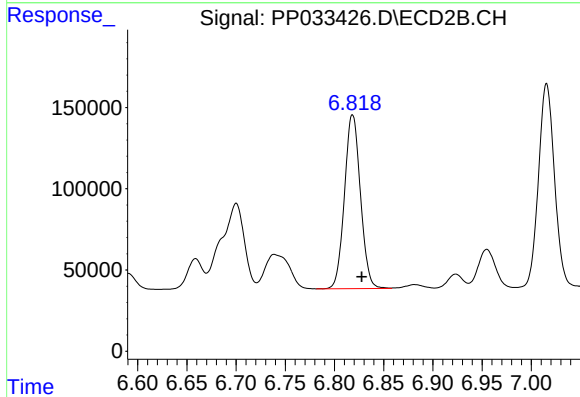
R.T.: 7.349 min
Delta R.T.: -0.010 min
Response: 1725542
Conc: 712.63 ng/ml



#31 AR-1260-1

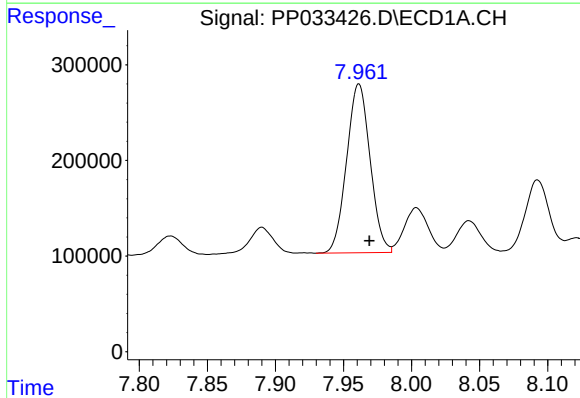
R.T.: 7.697 min
Delta R.T.: -0.007 min
Response: 1543017
Conc: 704.79 ng/ml

Instrument :
ECD_P
ClientSampleId :



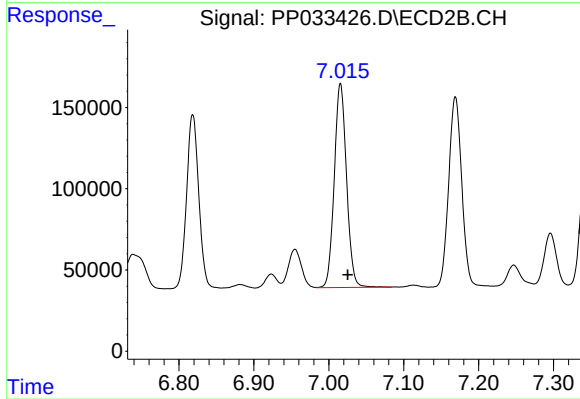
#31 AR-1260-1

R.T.: 6.818 min
Delta R.T.: -0.009 min
Response: 1208201
Conc: 704.40 ng/ml



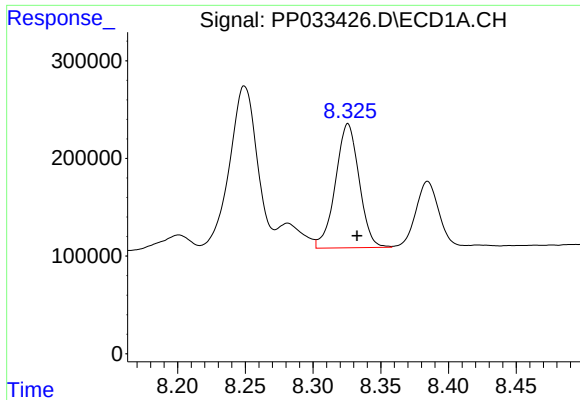
#32 AR-1260-2

R.T.: 7.961 min
Delta R.T.: -0.008 min
Response: 2119405
Conc: 725.17 ng/ml



#32 AR-1260-2

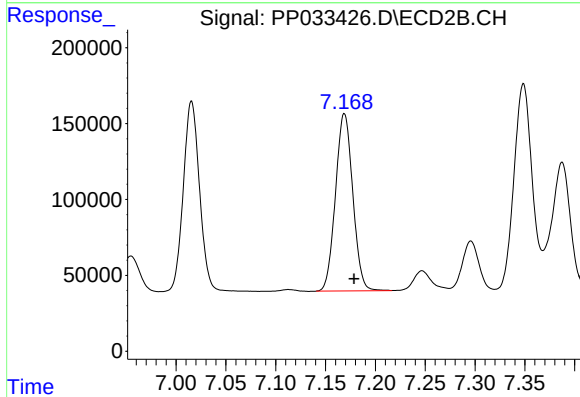
R.T.: 7.016 min
Delta R.T.: -0.010 min
Response: 1429441
Conc: 707.43 ng/ml



#33 AR-1260-3

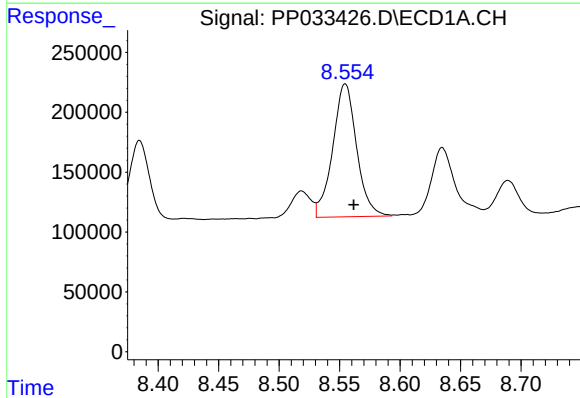
R.T.: 8.326 min
Delta R.T.: -0.007 min
Response: 1545217
Conc: 603.75 ng/ml

Instrument :
ECD_P
ClientSampleId :



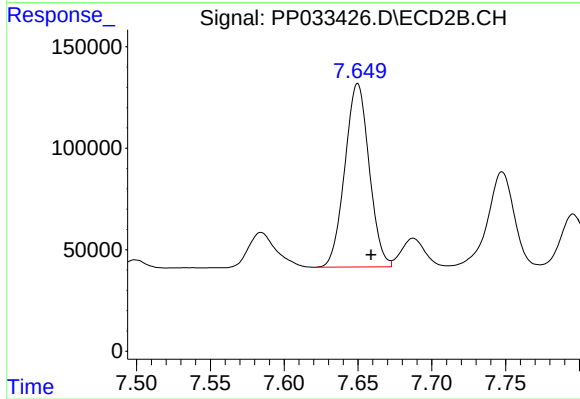
#33 AR-1260-3

R.T.: 7.169 min
Delta R.T.: -0.010 min
Response: 1413887
Conc: 712.71 ng/ml



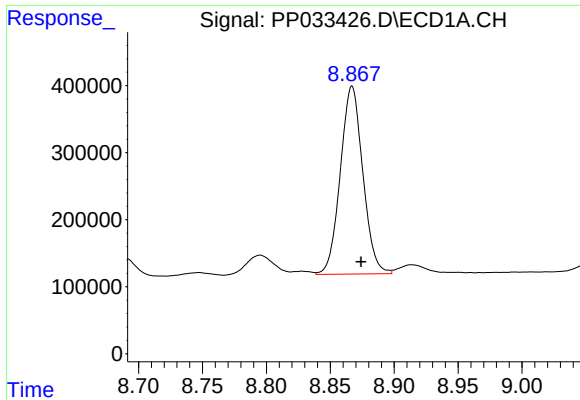
#34 AR-1260-4

R.T.: 8.555 min
Delta R.T.: -0.007 min
Response: 1528956
Conc: 625.84 ng/ml



#34 AR-1260-4

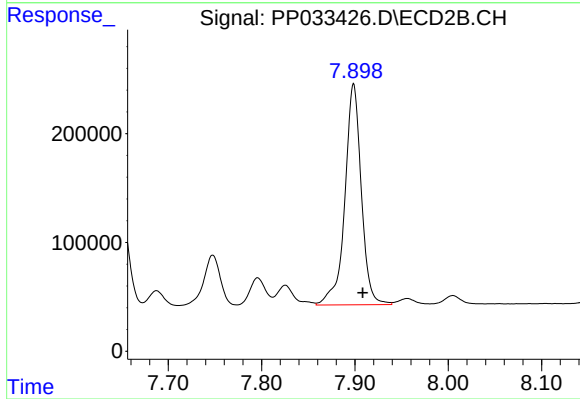
R.T.: 7.650 min
Delta R.T.: -0.009 min
Response: 1036049
Conc: 615.85 ng/ml



#35 AR-1260-5

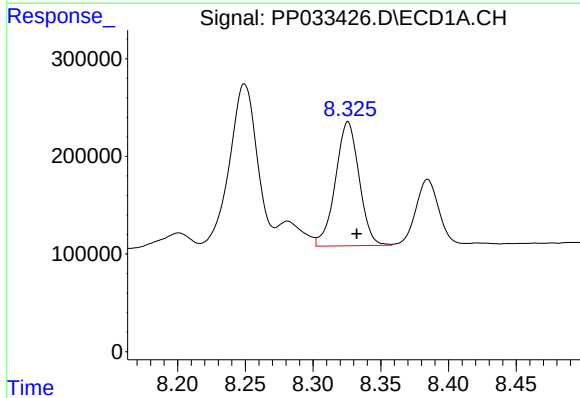
R.T.: 8.867 min
Delta R.T.: -0.007 min
Response: 3438780
Conc: 638.83 ng/ml

Instrument :
ECD_P
ClientSampleId :



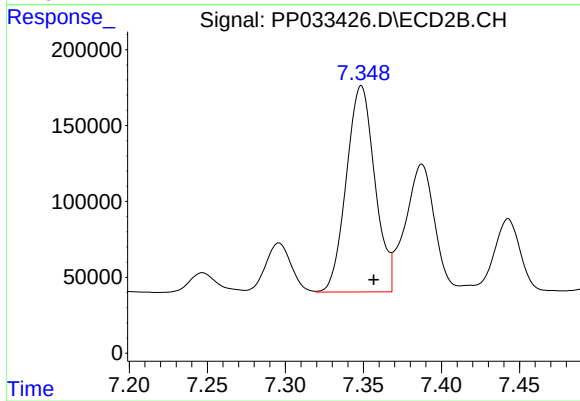
#35 AR-1260-5

R.T.: 7.899 min
Delta R.T.: -0.010 min
Response: 2482968
Conc: 645.31 ng/ml



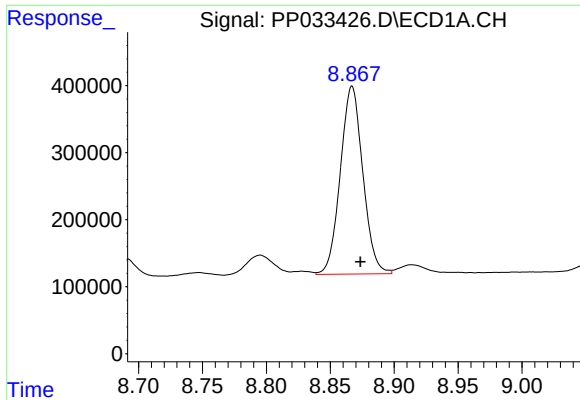
#36 AR-1262-1

R.T.: 8.326 min
Delta R.T.: -0.006 min
Response: 1545217
Conc: 406.45 ng/ml



#36 AR-1262-1

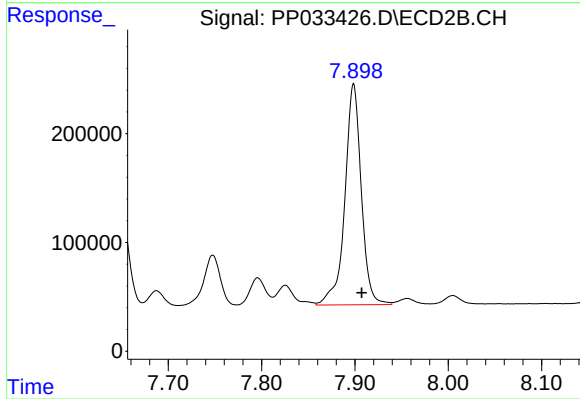
R.T.: 7.349 min
Delta R.T.: -0.008 min
Response: 1725542
Conc: 1385.48 ng/ml



#37 AR-1262-2

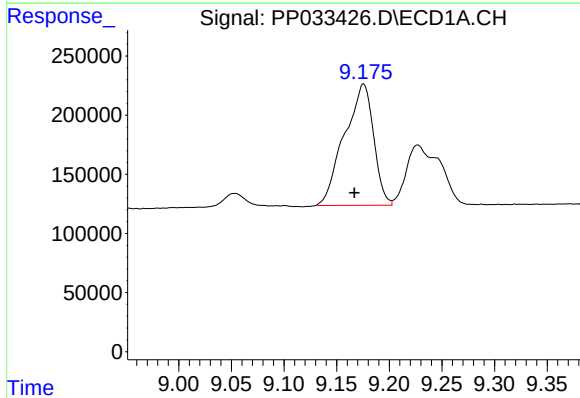
R.T.: 8.867 min
Delta R.T.: -0.006 min
Response: 3438780
Conc: 549.25 ng/ml

Instrument :
ECD_P
ClientSampleId :



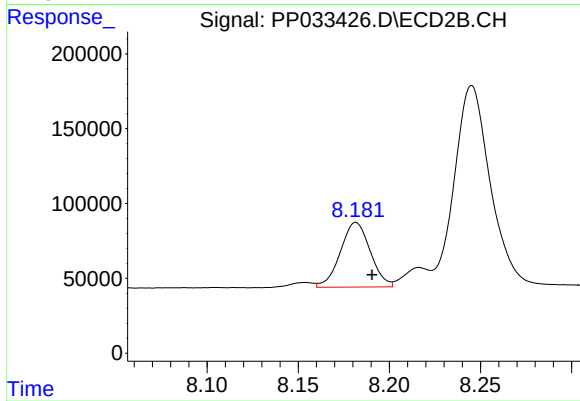
#37 AR-1262-2

R.T.: 7.899 min
Delta R.T.: -0.009 min
Response: 2482968
Conc: 564.62 ng/ml



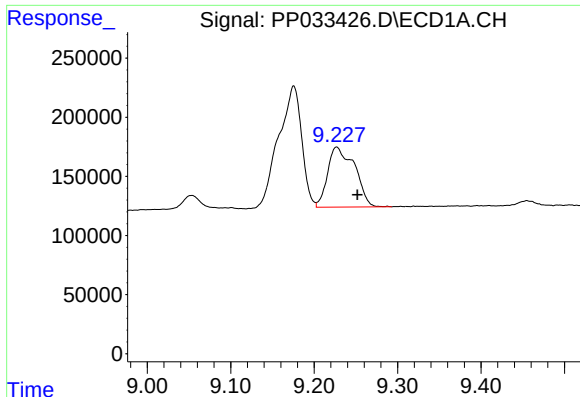
#38 AR-1262-3

R.T.: 9.176 min
Delta R.T.: 0.009 min
Response: 1975627
Conc: 481.93 ng/ml



#38 AR-1262-3

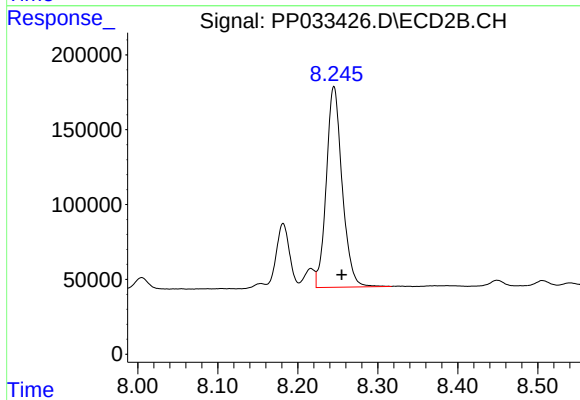
R.T.: 8.182 min
Delta R.T.: -0.009 min
Response: 494220
Conc: 262.36 ng/ml



#39 AR-1262-4

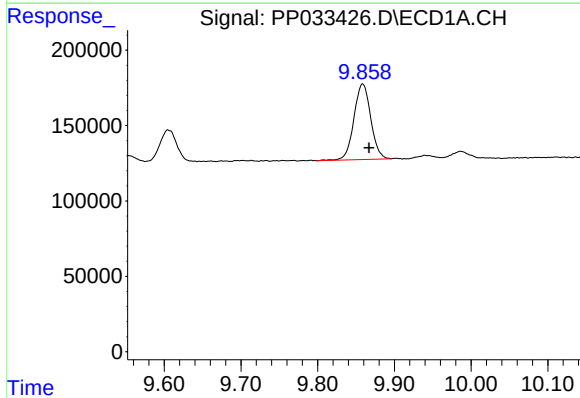
R.T.: 9.227 min
Delta R.T.: -0.025 min
Response: 1141030
Conc: 365.99 ng/ml

Instrument :
ECD_P
ClientSampleId :



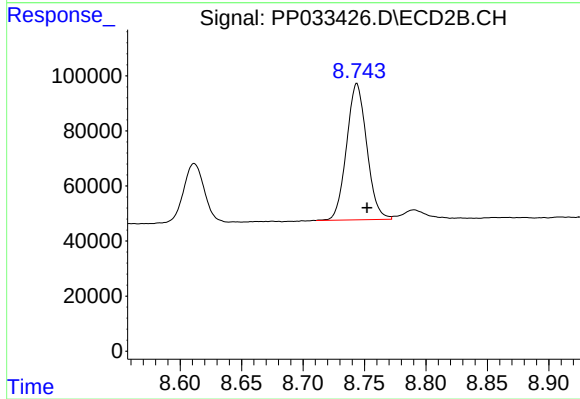
#39 AR-1262-4

R.T.: 8.245 min
Delta R.T.: -0.010 min
Response: 1845355
Conc: 540.90 ng/ml



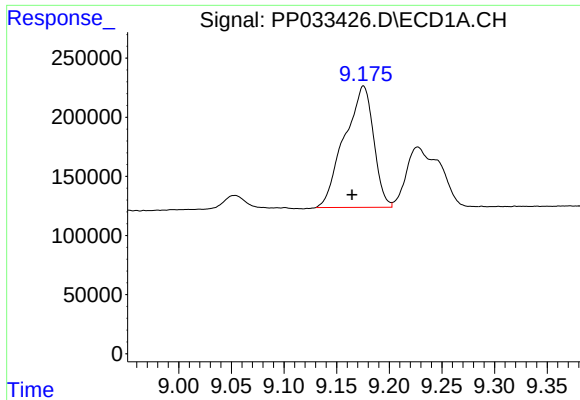
#40 AR-1262-5

R.T.: 9.859 min
Delta R.T.: -0.008 min
Response: 770864
Conc: 374.55 ng/ml



#40 AR-1262-5

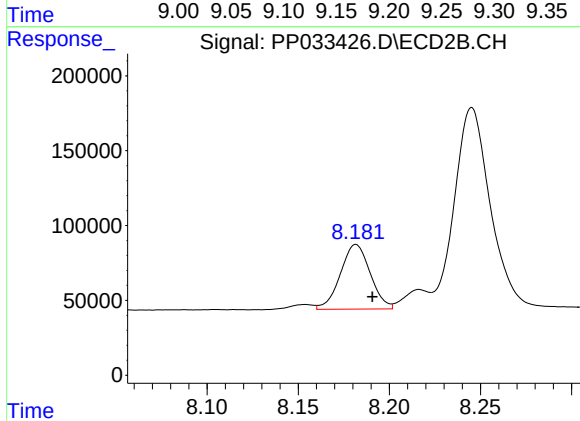
R.T.: 8.744 min
Delta R.T.: -0.008 min
Response: 566666
Conc: 367.68 ng/ml



#41 AR-1268-1

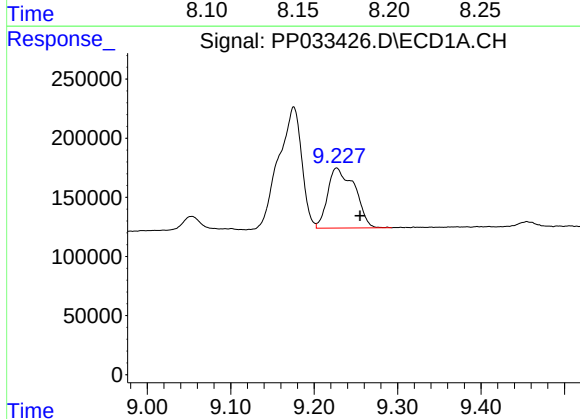
R.T.: 9.176 min
Delta R.T.: 0.011 min
Response: 1975627
Conc: 262.31 ng/ml

Instrument :
ECD_P
ClientSampleId :



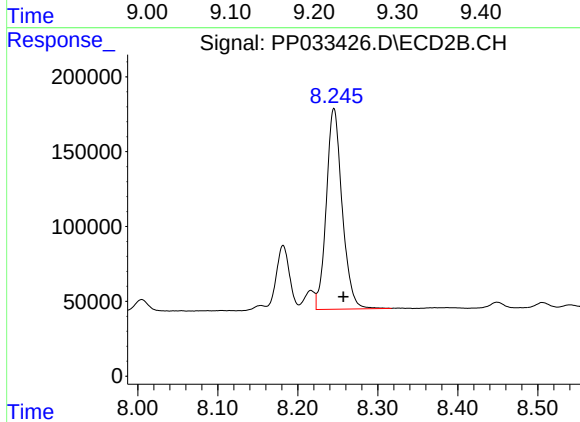
#41 AR-1268-1

R.T.: 8.182 min
Delta R.T.: -0.009 min
Response: 494220
Conc: 95.53 ng/ml



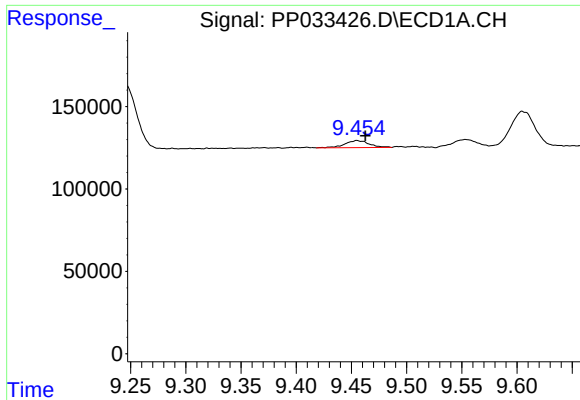
#42 AR-1268-2

R.T.: 9.227 min
Delta R.T.: -0.028 min
Response: 1141030
Conc: 176.75 ng/ml



#42 AR-1268-2

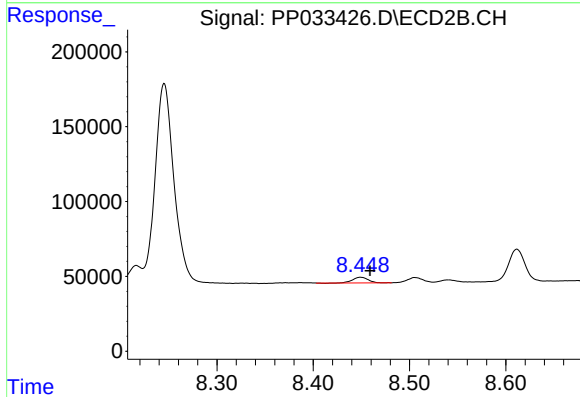
R.T.: 8.245 min
Delta R.T.: -0.012 min
Response: 1845355
Conc: 375.18 ng/ml



#43 AR-1268-3

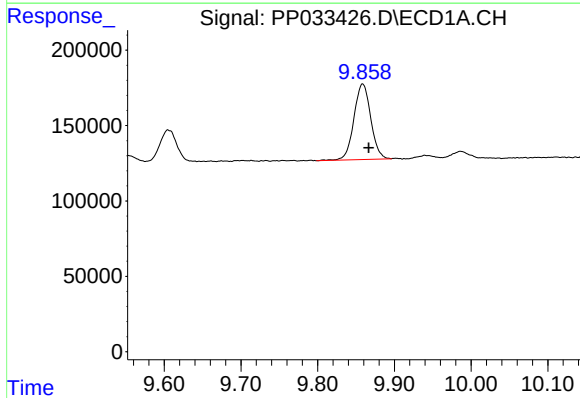
R.T.: 9.455 min
Delta R.T.: -0.008 min
Response: 65741
Conc: 10.71 ng/ml

Instrument :
ECD_P
ClientSampleId :



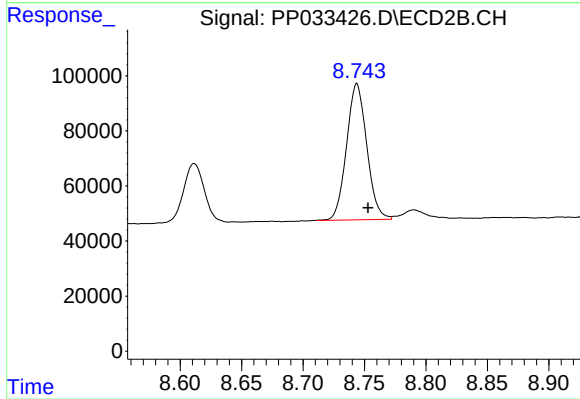
#43 AR-1268-3

R.T.: 8.449 min
Delta R.T.: -0.010 min
Response: 41644
Conc: 9.53 ng/ml



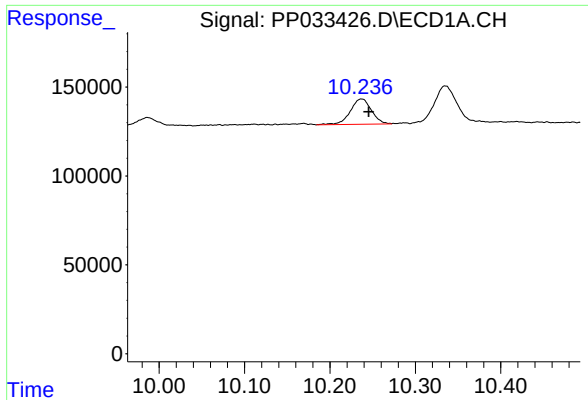
#44 AR-1268-4

R.T.: 9.859 min
Delta R.T.: -0.008 min
Response: 770864
Conc: 355.12 ng/ml



#44 AR-1268-4

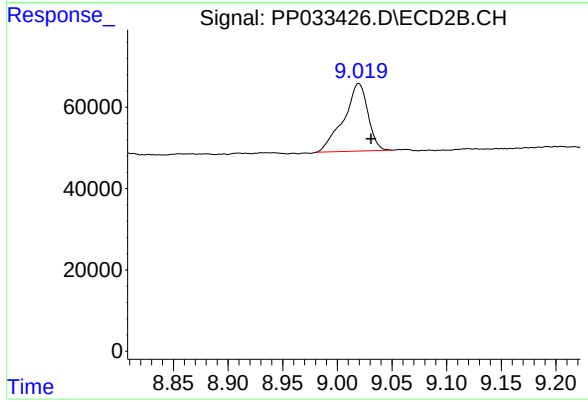
R.T.: 8.744 min
Delta R.T.: -0.009 min
Response: 566666
Conc: 341.04 ng/ml



#45 AR-1268-5

R.T.: 10.237 min
Delta R.T.: -0.008 min
Response: 244124
Conc: 14.91 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 9.020 min
Delta R.T.: -0.011 min
Response: 255819
Conc: 20.01 ng/ml