

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP071521\
 Data File : PP037298.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 15 Jul 2021 10:02
 Operator : DD\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 15 15:53:54 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070621.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jul 07 08:32:32 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...	4.957	3.946	2345161	1376314	51.599	50.296
2)	SA Decachlor...	10.985	9.240	2242869	1310312	48.720	47.074
Target Compounds							
3)	L1 AR-1016-1	6.277	5.197	868572	505018	499.837	488.695
4)	L1 AR-1016-2	6.302	5.217	1241201	698258	496.462	487.696
5)	L1 AR-1016-3	6.368	5.407	781063	384653	490.404	492.322
6)	L1 AR-1016-4	6.474	5.460	659142	294770	499.885	488.361
7)	L1 AR-1016-5	6.789	5.688	649223	381649	513.217	494.240
8)	L2 AR-1221-1	5.203	4.201	88486	58036	166.838	190.021
9)	L2 AR-1221-2	5.306	4.300	127454	77610	314.597	329.674
10)	L2 AR-1221-3	5.393	4.388	488861	282778	401.219	380.188
11)	L3 AR-1232-1	5.393	4.388	488861	282778	439.974	416.482
12)	L3 AR-1232-2	5.982	5.217	647037	698258	1085.134	1115.585
13)	L3 AR-1232-3	6.302	5.407	1241201	384653	1134.287	1158.547
14)	L3 AR-1232-4	6.474	5.505	659142	359162	1135.328	1302.679
15)	L3 AR-1232-5	6.572	5.688	524521	381649	1363.855	1283.843
16)	L4 AR-1242-1	6.277	5.197	868572	505018	681.400	670.054
17)	L4 AR-1242-2	6.302	5.217	1241201	698258	684.567	678.598
18)	L4 AR-1242-3	6.368	5.407	781063	384653	679.087	675.519
19)	L4 AR-1242-4	6.474	5.505	659142	359162	688.541	696.892
20)	L4 AR-1242-5	7.257	6.068	239193	303512	230.002	445.897 #
21)	L5 AR-1248-1	6.277	5.197	868572	505018	827.547	800.261
22)	L5 AR-1248-2	6.572	5.460	524521	294770	353.319	359.357
23)	L5 AR-1248-3	6.789	5.505	649223	359162	393.039	419.693
24)	L5 AR-1248-4	7.217	5.688	192754	381649	101.980	375.021 #
25)	L5 AR-1248-5	7.257	6.109	239193	58185	127.801	54.853 #
26)	L6 AR-1254-1	7.188	6.068	668636	303512	372.189	204.444 #
27)	L6 AR-1254-2	7.415	6.228	559672	253399	201.199	195.072
28)	L6 AR-1254-3	7.798	6.649	335076	142764	108.684	66.899 #
29)	L6 AR-1254-4	8.092	6.888	188169	76488	82.841	56.377 #
30)	L6 AR-1254-5	8.521	7.317	1504331	918953	601.156	490.203
31)	L7 AR-1260-1	7.964	6.785	1040171	661301	472.497	478.575
32)	L7 AR-1260-2	8.230	6.984	1281204	795679	460.571	473.637
33)	L7 AR-1260-3	8.595	7.138	960132	767159	475.036	447.739
34)	L7 AR-1260-4	8.826	7.621	1155685	642493	469.826	472.585
35)	L7 AR-1260-5	9.154	7.870	2187794	1516772	474.123	470.255
36)	L8 AR-1262-1	8.595	7.317	960132	918953	329.659	884.978 #
37)	L8 AR-1262-2	9.154	7.870	2187794	1516772	416.585	436.023
38)	L8 AR-1262-3	9.488f	8.157	1524452	383757	397.861	272.564 #
39)	L8 AR-1262-4	9.542f	8.220	1010467	1160631	343.881	435.837 #
40)	L8 AR-1262-5	10.231	8.719	751701	438949	353.523	347.269
41)	L9 AR-1268-1	9.488f	8.157	1524452	383757	251.030	96.298 #

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 Acq On : 15 Jul 2021 10:02
 Operator : DD\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

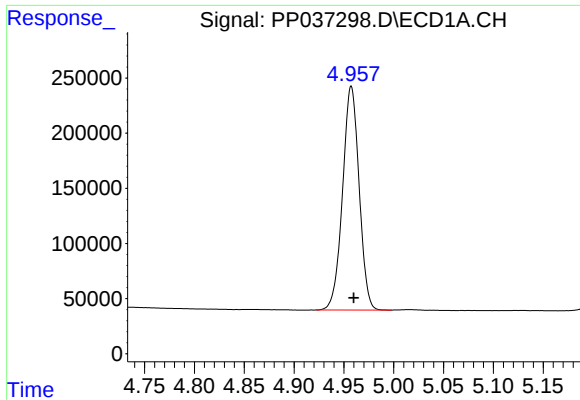
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 15 15:53:54 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070621.M
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Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	9.542f	8.220	1010467	1160631	175.808	313.586 #
43) L9	AR-1268-3	9.789	8.430	41932	22491	8.552	7.160
44) L9	AR-1268-4	10.231	8.719	751701	438949	328.583	320.287
45) L9	AR-1268-5	10.647	8.998	229047	122129	14.466	11.866

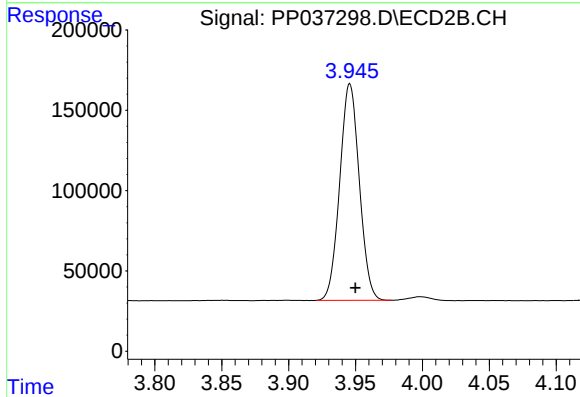
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

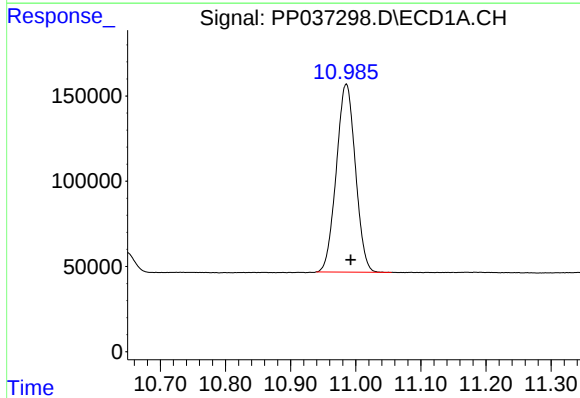
R.T.: 4.957 min
Delta R.T.: -0.003 min
Response: 2345161
Conc: 51.60 ng/ml

Instrument :
ECD_P
ClientSampleId :



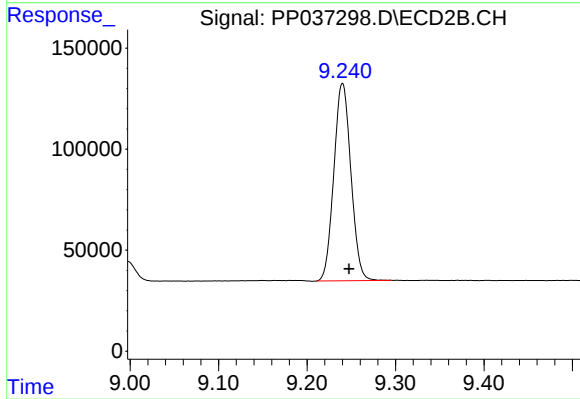
#1 Tetrachloro-m-xylene

R.T.: 3.946 min
Delta R.T.: -0.004 min
Response: 1376314
Conc: 50.30 ng/ml



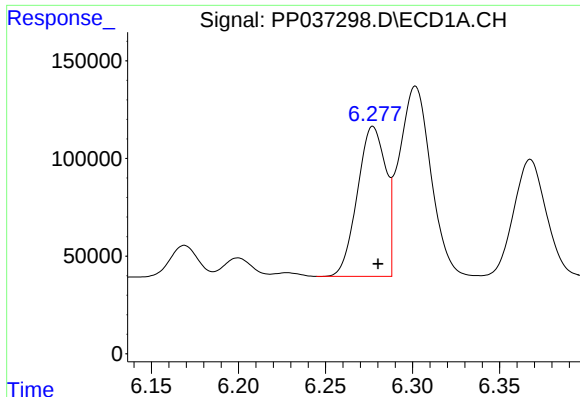
#2 Decachlorobiphenyl

R.T.: 10.985 min
Delta R.T.: -0.007 min
Response: 2242869
Conc: 48.72 ng/ml



#2 Decachlorobiphenyl

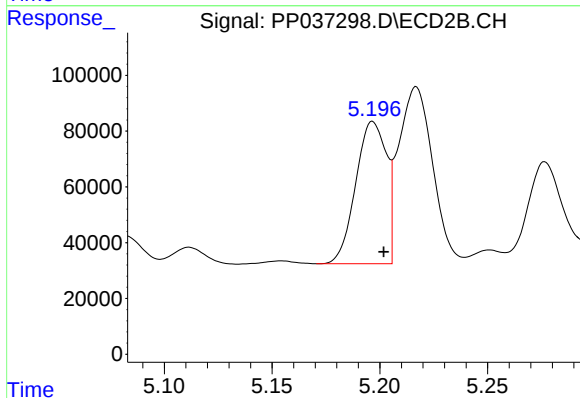
R.T.: 9.240 min
Delta R.T.: -0.007 min
Response: 1310312
Conc: 47.07 ng/ml



#3 AR-1016-1

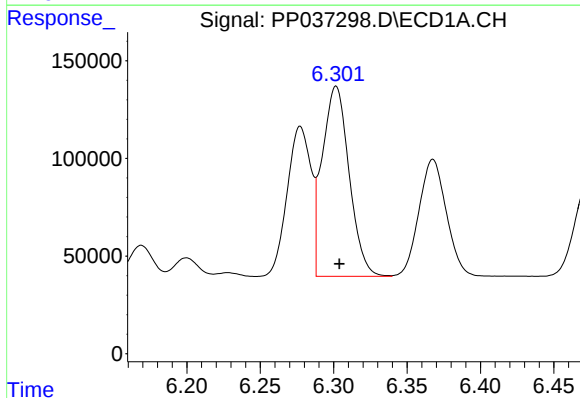
R.T.: 6.277 min
Delta R.T.: -0.003 min
Response: 868572
Conc: 499.84 ng/ml

Instrument :
ECD_P
ClientSampleId :



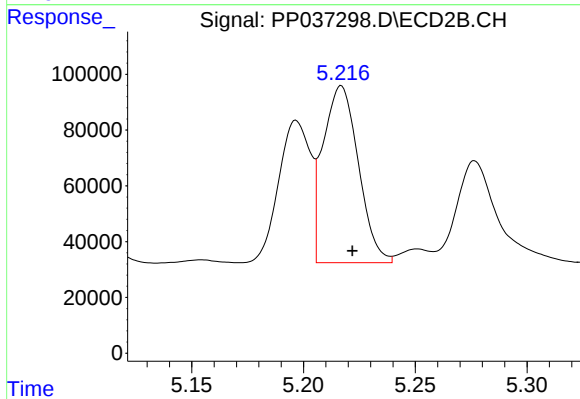
#3 AR-1016-1

R.T.: 5.197 min
Delta R.T.: -0.005 min
Response: 505018
Conc: 488.70 ng/ml



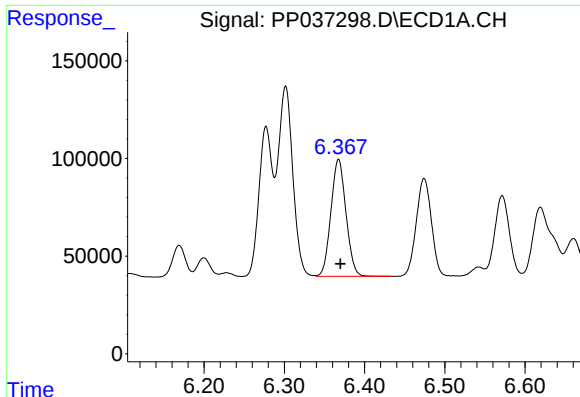
#4 AR-1016-2

R.T.: 6.302 min
Delta R.T.: -0.002 min
Response: 1241201
Conc: 496.46 ng/ml



#4 AR-1016-2

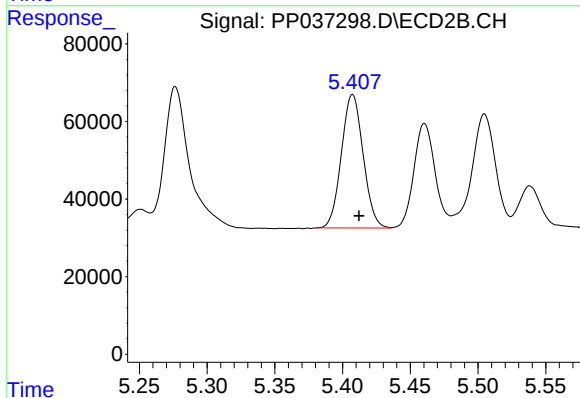
R.T.: 5.217 min
Delta R.T.: -0.005 min
Response: 698258
Conc: 487.70 ng/ml



#5 AR-1016-3

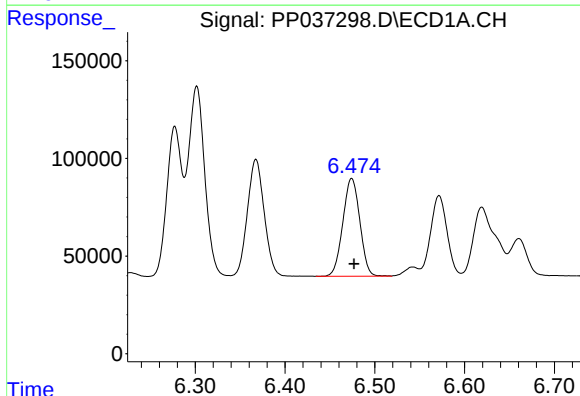
R.T.: 6.368 min
Delta R.T.: -0.002 min
Response: 781063
Conc: 490.40 ng/ml

Instrument :
ECD_P
ClientSampleId :



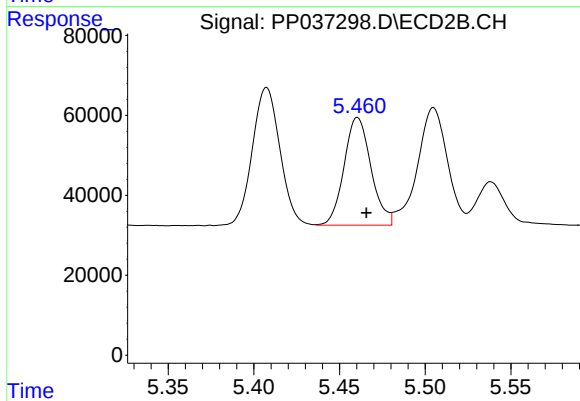
#5 AR-1016-3

R.T.: 5.407 min
Delta R.T.: -0.005 min
Response: 384653
Conc: 492.32 ng/ml



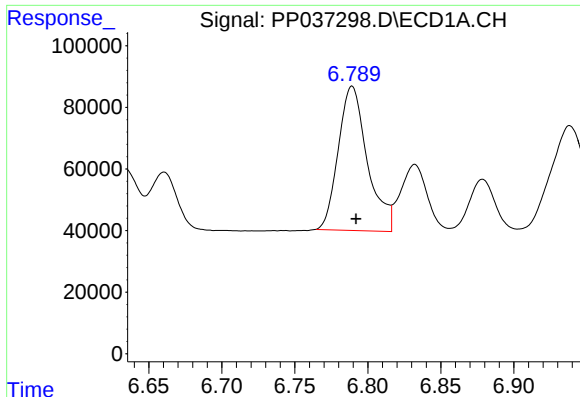
#6 AR-1016-4

R.T.: 6.474 min
Delta R.T.: -0.003 min
Response: 659142
Conc: 499.89 ng/ml



#6 AR-1016-4

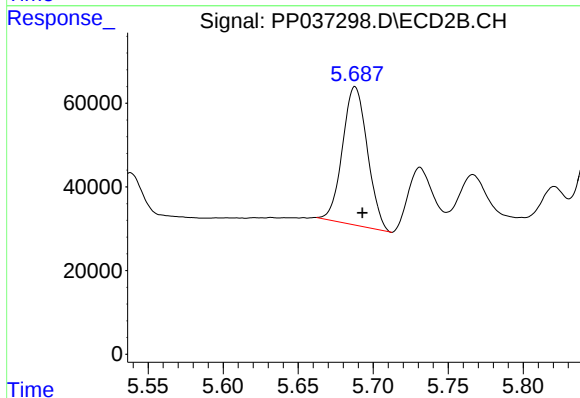
R.T.: 5.460 min
Delta R.T.: -0.005 min
Response: 294770
Conc: 488.36 ng/ml



#7 AR-1016-5

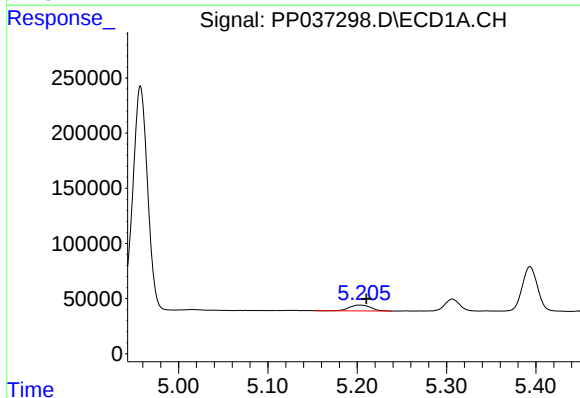
R.T.: 6.789 min
Delta R.T.: -0.003 min
Response: 649223
Conc: 513.22 ng/ml

Instrument :
ECD_P
ClientSampleId :



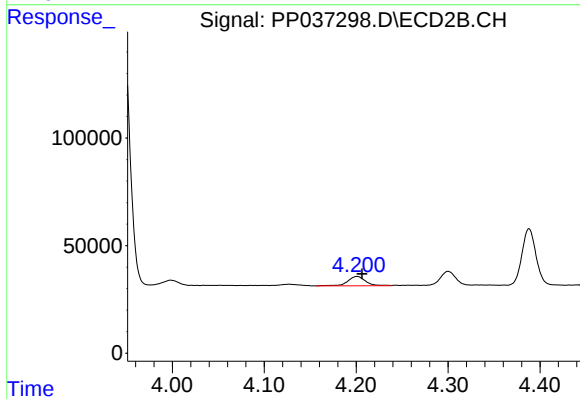
#7 AR-1016-5

R.T.: 5.688 min
Delta R.T.: -0.005 min
Response: 381649
Conc: 494.24 ng/ml



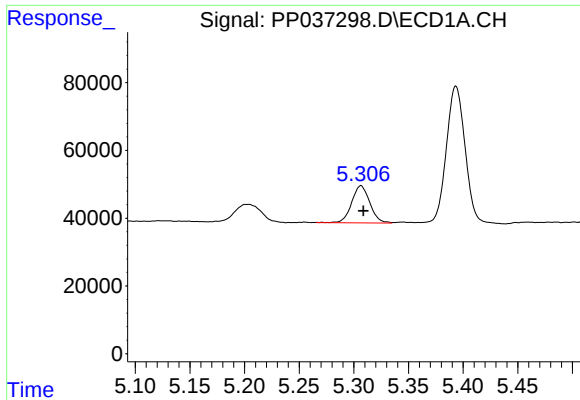
#8 AR-1221-1

R.T.: 5.203 min
Delta R.T.: -0.008 min
Response: 88486
Conc: 166.84 ng/ml



#8 AR-1221-1

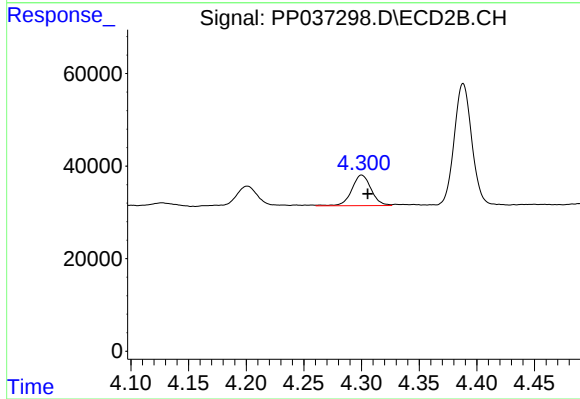
R.T.: 4.201 min
Delta R.T.: -0.006 min
Response: 58036
Conc: 190.02 ng/ml



#9 AR-1221-2

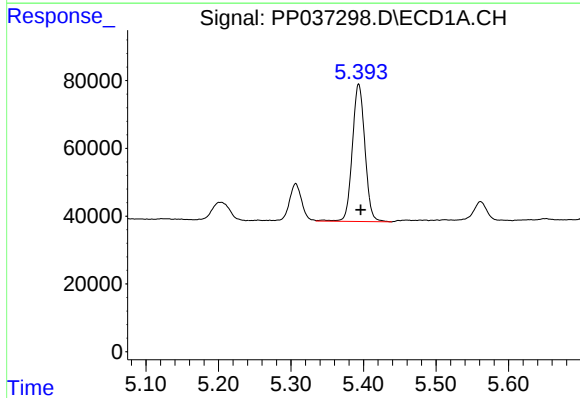
R.T.: 5.306 min
Delta R.T.: -0.002 min
Response: 127454
Conc: 314.60 ng/ml

Instrument :
ECD_P
ClientSampleId :



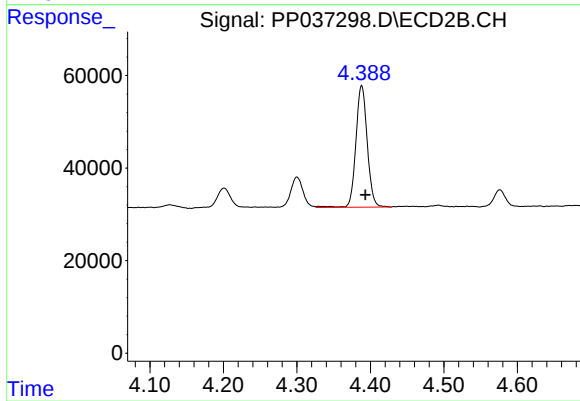
#9 AR-1221-2

R.T.: 4.300 min
Delta R.T.: -0.005 min
Response: 77610
Conc: 329.67 ng/ml



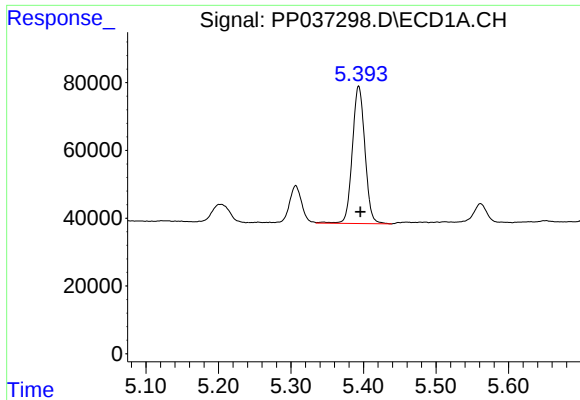
#10 AR-1221-3

R.T.: 5.393 min
Delta R.T.: -0.003 min
Response: 488861
Conc: 401.22 ng/ml



#10 AR-1221-3

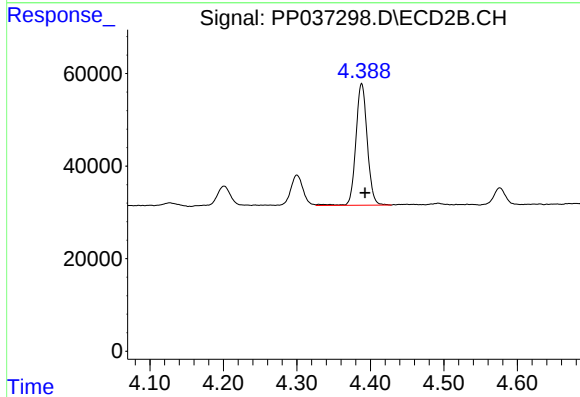
R.T.: 4.388 min
Delta R.T.: -0.005 min
Response: 282778
Conc: 380.19 ng/ml



#11 AR-1232-1

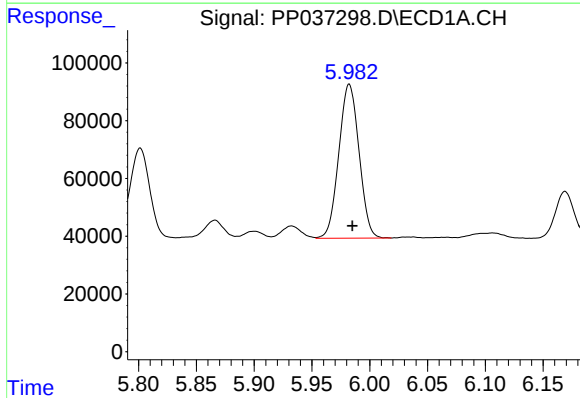
R.T.: 5.393 min
Delta R.T.: -0.002 min
Response: 488861
Conc: 439.97 ng/ml

Instrument :
ECD_P
ClientSampleId :



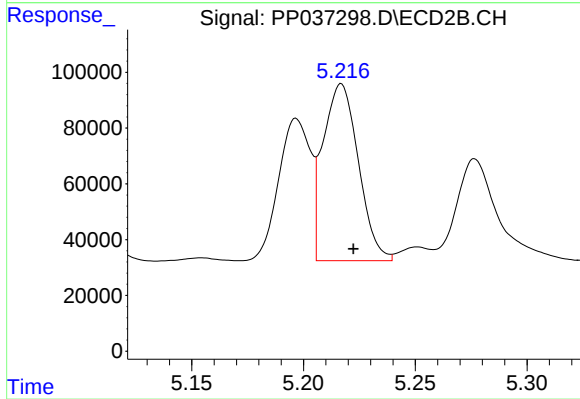
#11 AR-1232-1

R.T.: 4.388 min
Delta R.T.: -0.005 min
Response: 282778
Conc: 416.48 ng/ml



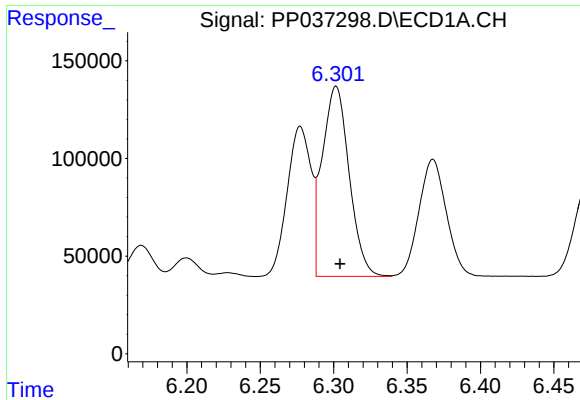
#12 AR-1232-2

R.T.: 5.982 min
Delta R.T.: -0.003 min
Response: 647037
Conc: 1085.13 ng/ml



#12 AR-1232-2

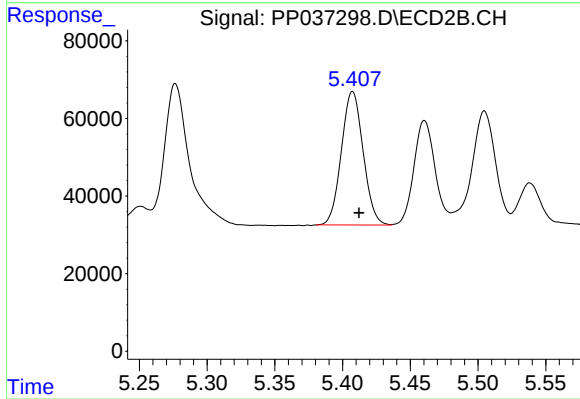
R.T.: 5.217 min
Delta R.T.: -0.005 min
Response: 698258
Conc: 1115.59 ng/ml



#13 AR-1232-3

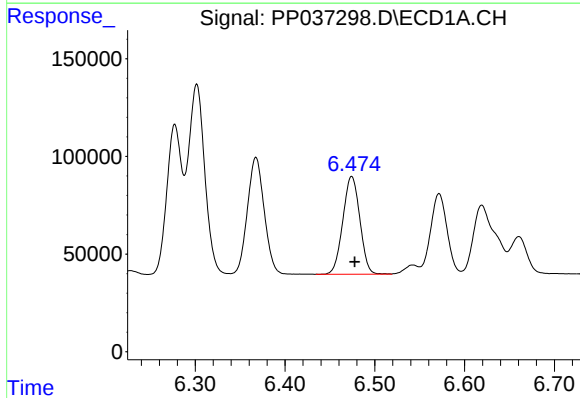
R.T.: 6.302 min
Delta R.T.: -0.003 min
Response: 1241201
Conc: 1134.29 ng/ml

Instrument :
ECD_P
ClientSampleId :



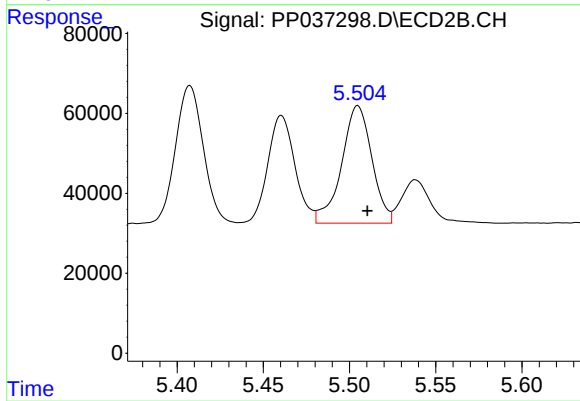
#13 AR-1232-3

R.T.: 5.407 min
Delta R.T.: -0.005 min
Response: 384653
Conc: 1158.55 ng/ml



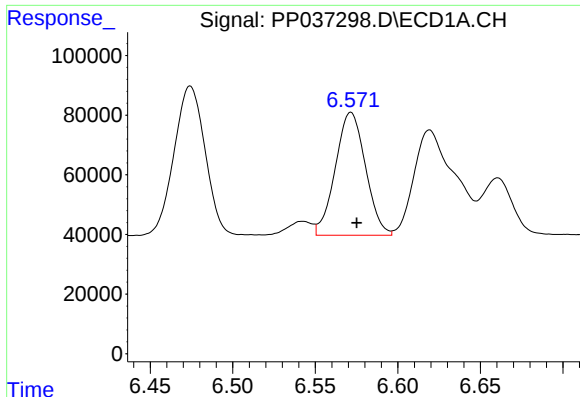
#14 AR-1232-4

R.T.: 6.474 min
Delta R.T.: -0.003 min
Response: 659142
Conc: 1135.33 ng/ml



#14 AR-1232-4

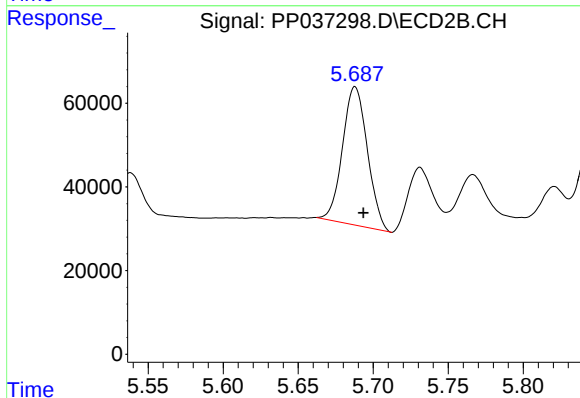
R.T.: 5.505 min
Delta R.T.: -0.006 min
Response: 359162
Conc: 1302.68 ng/ml



#15 AR-1232-5

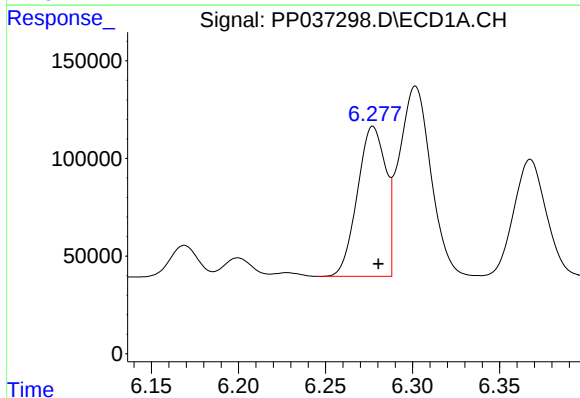
R.T.: 6.572 min
Delta R.T.: -0.003 min
Response: 524521
Conc: 1363.86 ng/ml

Instrument :
ECD_P
ClientSampleId :



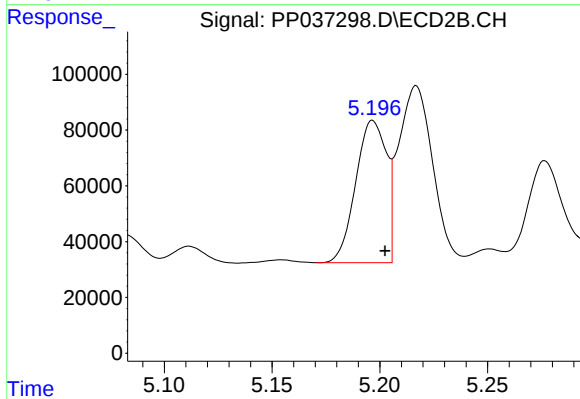
#15 AR-1232-5

R.T.: 5.688 min
Delta R.T.: -0.006 min
Response: 381649
Conc: 1283.84 ng/ml



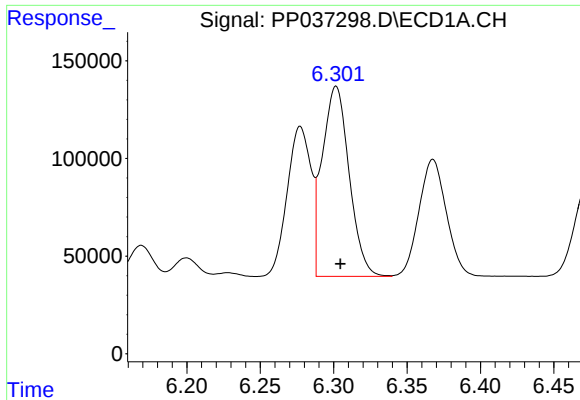
#16 AR-1242-1

R.T.: 6.277 min
Delta R.T.: -0.003 min
Response: 868572
Conc: 681.40 ng/ml



#16 AR-1242-1

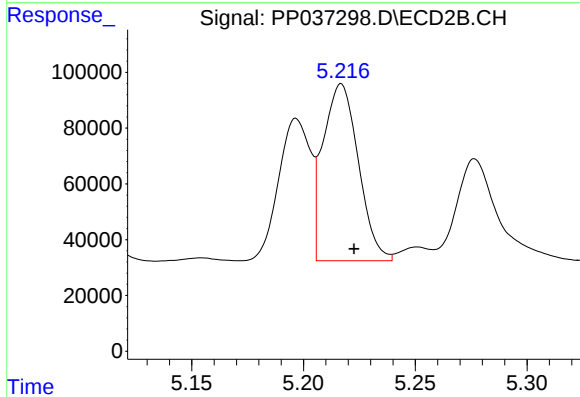
R.T.: 5.197 min
Delta R.T.: -0.006 min
Response: 505018
Conc: 670.05 ng/ml



#17 AR-1242-2

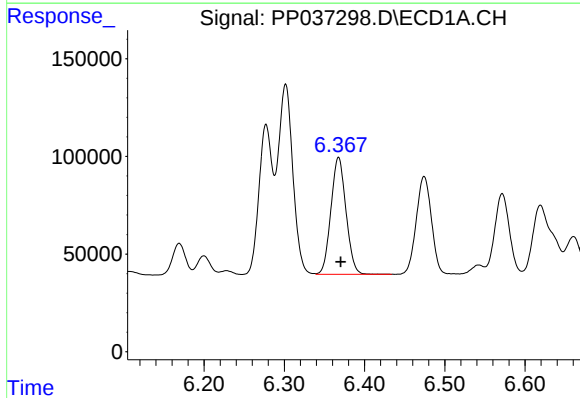
R.T.: 6.302 min
Delta R.T.: -0.003 min
Response: 1241201
Conc: 684.57 ng/ml

Instrument :
ECD_P
ClientSampleId :



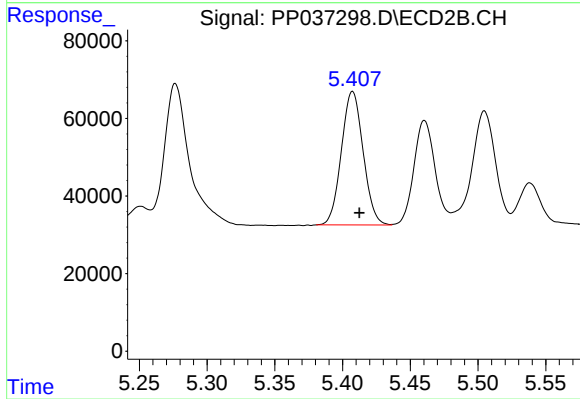
#17 AR-1242-2

R.T.: 5.217 min
Delta R.T.: -0.006 min
Response: 698258
Conc: 678.60 ng/ml



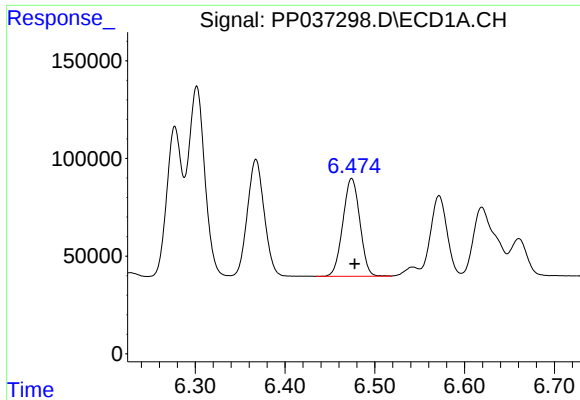
#18 AR-1242-3

R.T.: 6.368 min
Delta R.T.: -0.002 min
Response: 781063
Conc: 679.09 ng/ml



#18 AR-1242-3

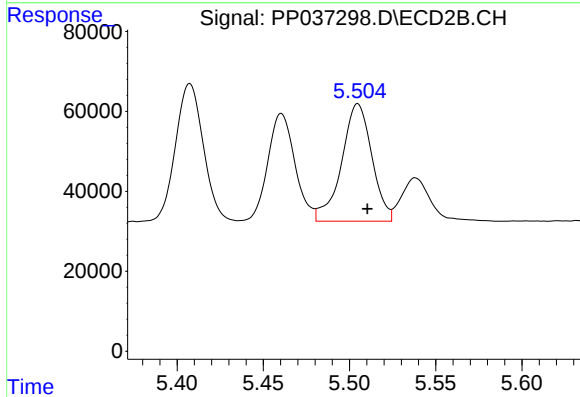
R.T.: 5.407 min
Delta R.T.: -0.005 min
Response: 384653
Conc: 675.52 ng/ml



#19 AR-1242-4

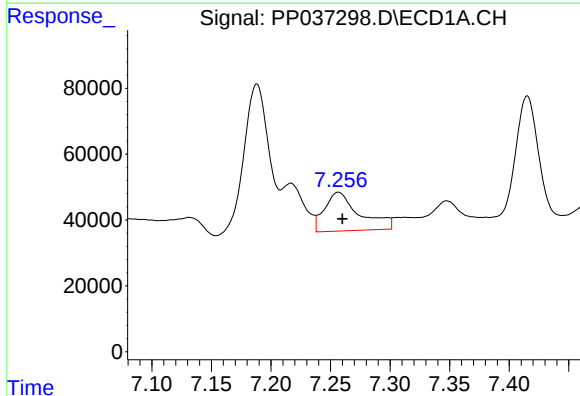
R.T.: 6.474 min
Delta R.T.: -0.003 min
Response: 659142
Conc: 688.54 ng/ml

Instrument :
ECD_P
ClientSampleId :



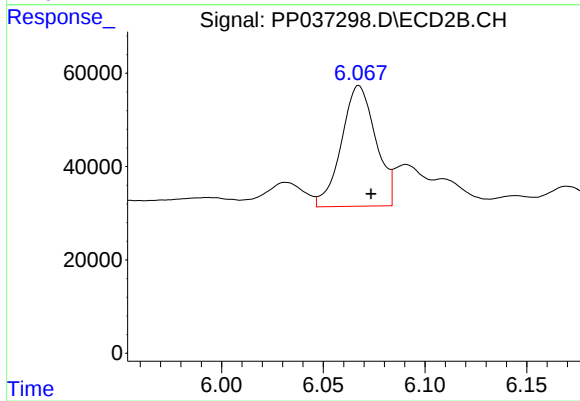
#19 AR-1242-4

R.T.: 5.505 min
Delta R.T.: -0.005 min
Response: 359162
Conc: 696.89 ng/ml



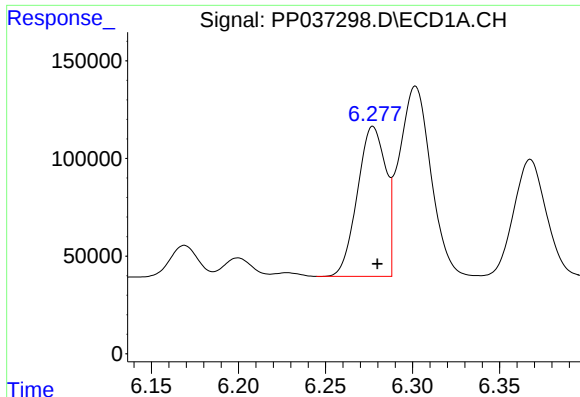
#20 AR-1242-5

R.T.: 7.257 min
Delta R.T.: -0.003 min
Response: 239193
Conc: 230.00 ng/ml



#20 AR-1242-5

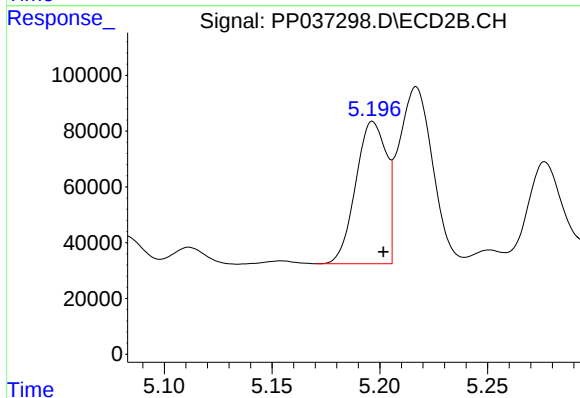
R.T.: 6.068 min
Delta R.T.: -0.006 min
Response: 303512
Conc: 445.90 ng/ml



#21 AR-1248-1

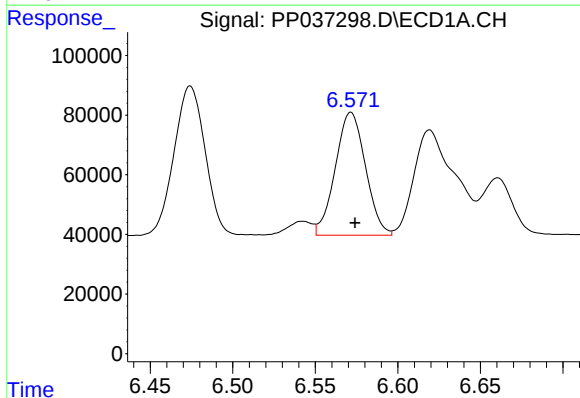
R.T.: 6.277 min
Delta R.T.: -0.003 min
Response: 868572
Conc: 827.55 ng/ml

Instrument :
ECD_P
ClientSampleId :



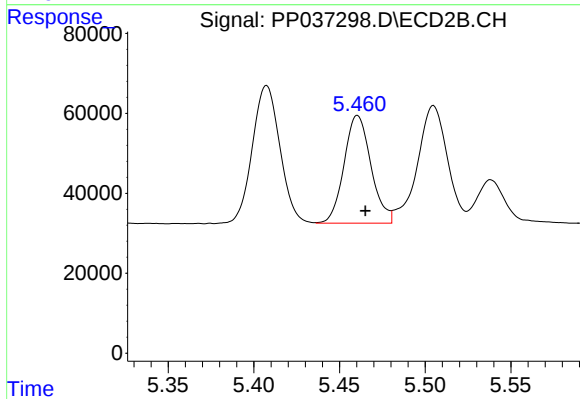
#21 AR-1248-1

R.T.: 5.197 min
Delta R.T.: -0.005 min
Response: 505018
Conc: 800.26 ng/ml



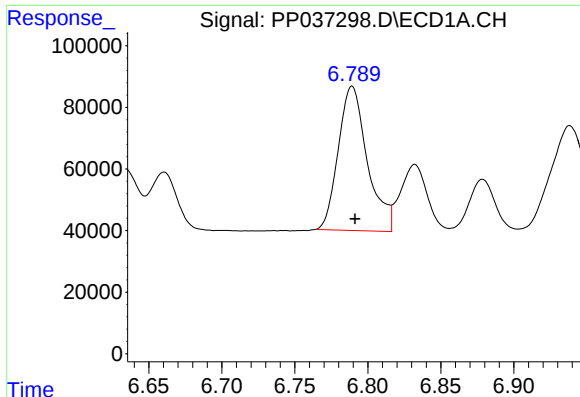
#22 AR-1248-2

R.T.: 6.572 min
Delta R.T.: -0.003 min
Response: 524521
Conc: 353.32 ng/ml



#22 AR-1248-2

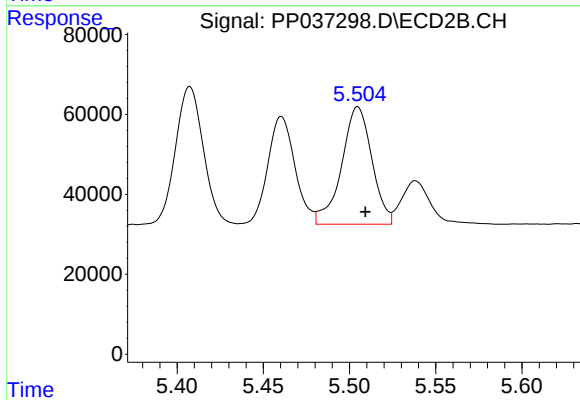
R.T.: 5.460 min
Delta R.T.: -0.005 min
Response: 294770
Conc: 359.36 ng/ml



#23 AR-1248-3

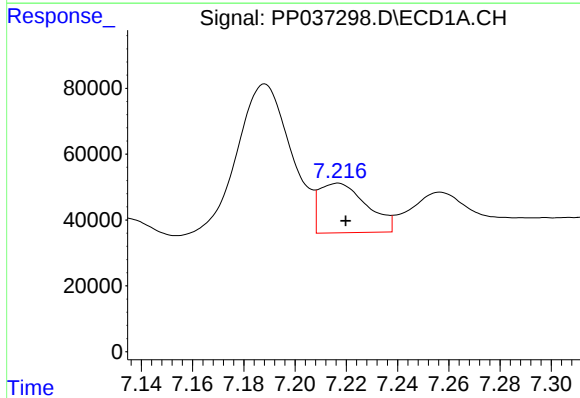
R.T.: 6.789 min
Delta R.T.: -0.002 min
Response: 649223
Conc: 393.04 ng/ml

Instrument :
ECD_P
ClientSampleId :



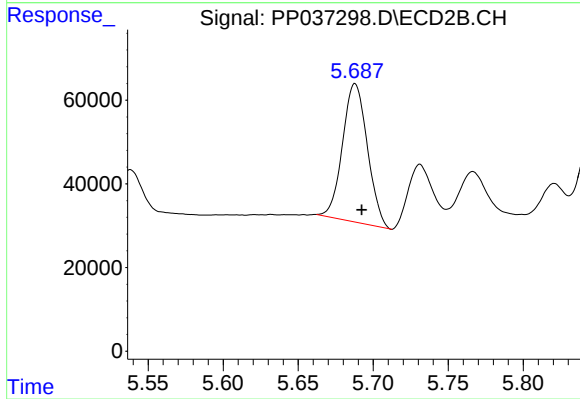
#23 AR-1248-3

R.T.: 5.505 min
Delta R.T.: -0.004 min
Response: 359162
Conc: 419.69 ng/ml



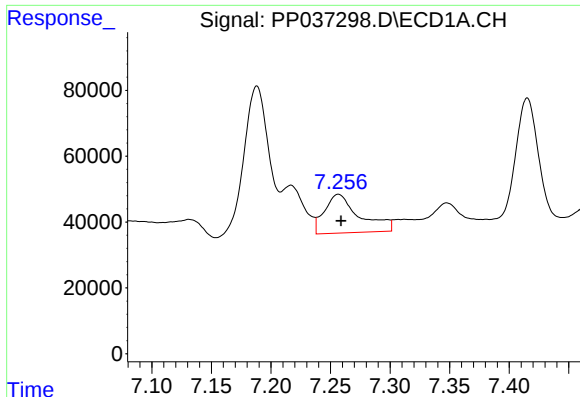
#24 AR-1248-4

R.T.: 7.217 min
Delta R.T.: -0.003 min
Response: 192754
Conc: 101.98 ng/ml



#24 AR-1248-4

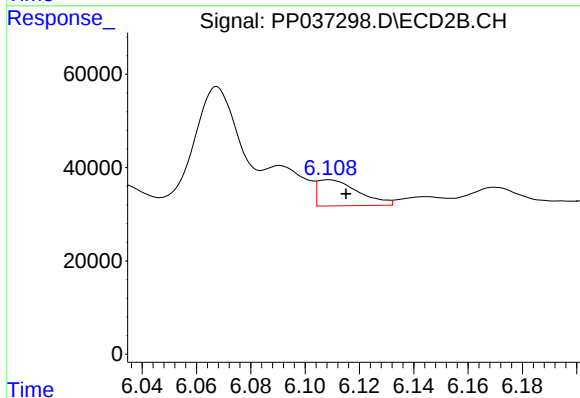
R.T.: 5.688 min
Delta R.T.: -0.004 min
Response: 381649
Conc: 375.02 ng/ml



#25 AR-1248-5

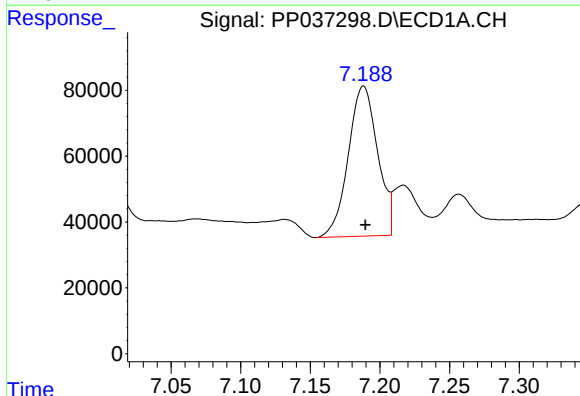
R.T.: 7.257 min
Delta R.T.: -0.002 min
Response: 239193
Conc: 127.80 ng/ml

Instrument :
ECD_P
ClientSampleId :



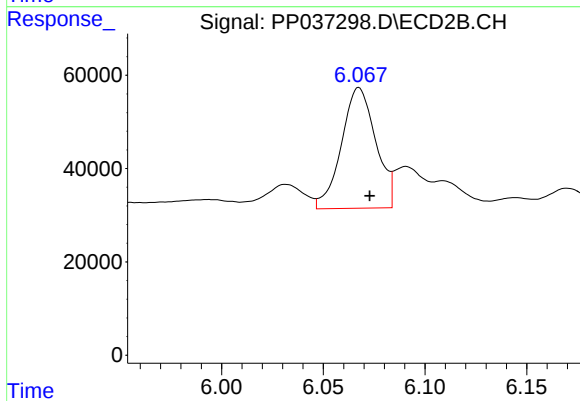
#25 AR-1248-5

R.T.: 6.109 min
Delta R.T.: -0.006 min
Response: 58185
Conc: 54.85 ng/ml



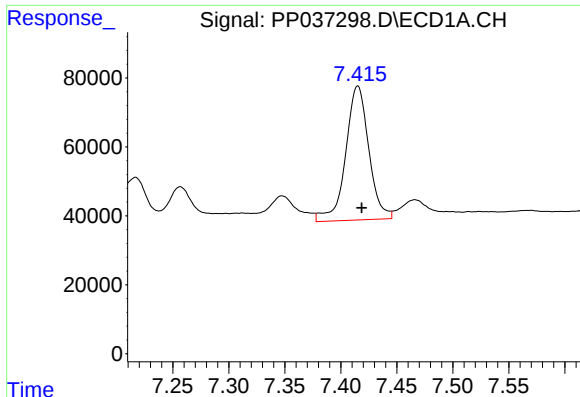
#26 AR-1254-1

R.T.: 7.188 min
Delta R.T.: -0.001 min
Response: 668636
Conc: 372.19 ng/ml



#26 AR-1254-1

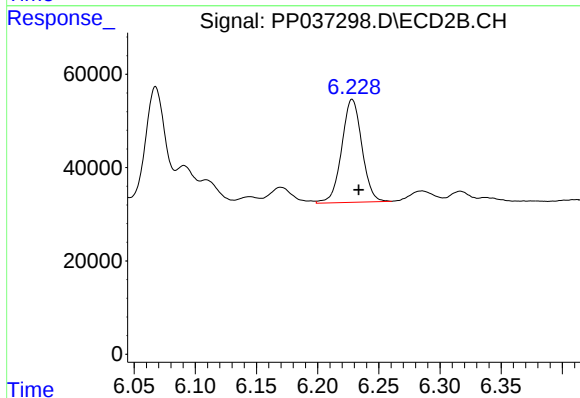
R.T.: 6.068 min
Delta R.T.: -0.005 min
Response: 303512
Conc: 204.44 ng/ml



#27 AR-1254-2

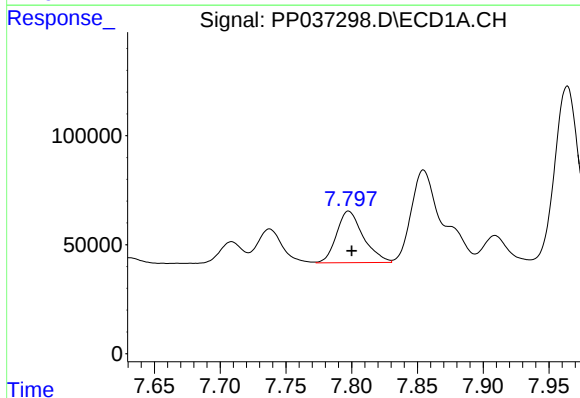
R.T.: 7.415 min
Delta R.T.: -0.003 min
Response: 559672
Conc: 201.20 ng/ml

Instrument :
ECD_P
ClientSampleId :



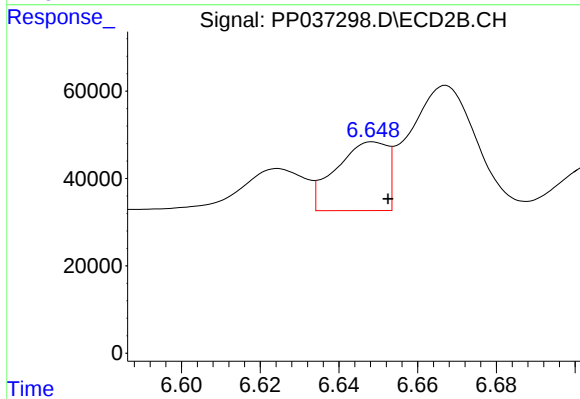
#27 AR-1254-2

R.T.: 6.228 min
Delta R.T.: -0.005 min
Response: 253399
Conc: 195.07 ng/ml



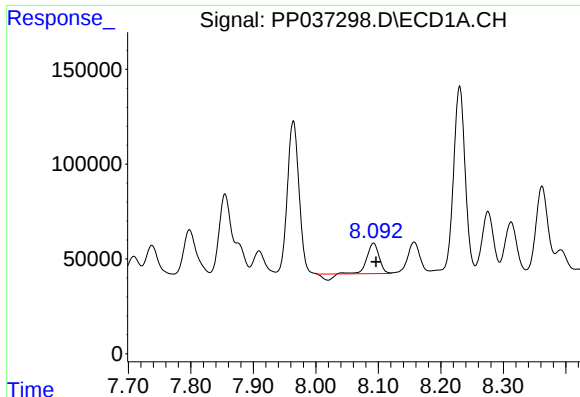
#28 AR-1254-3

R.T.: 7.798 min
Delta R.T.: -0.002 min
Response: 335076
Conc: 108.68 ng/ml



#28 AR-1254-3

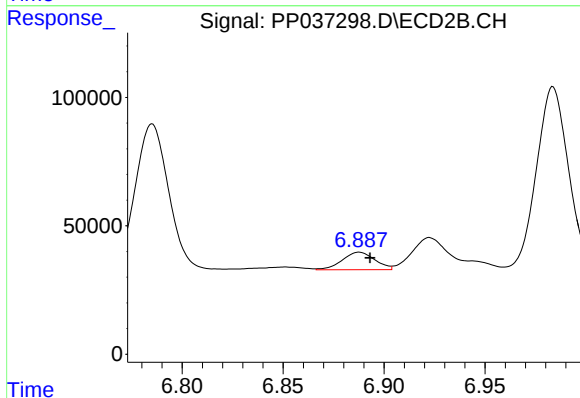
R.T.: 6.649 min
Delta R.T.: -0.004 min
Response: 142764
Conc: 66.90 ng/ml



#29 AR-1254-4

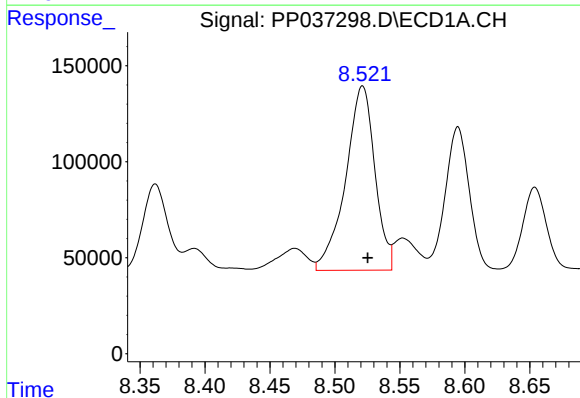
R.T.: 8.092 min
Delta R.T.: -0.004 min
Response: 188169
Conc: 82.84 ng/ml

Instrument :
ECD_P
ClientSampleId :



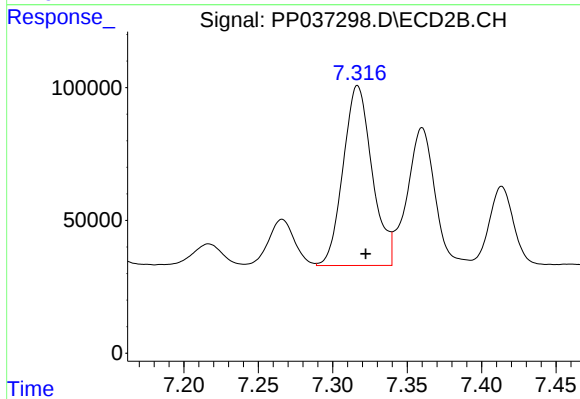
#29 AR-1254-4

R.T.: 6.888 min
Delta R.T.: -0.005 min
Response: 76488
Conc: 56.38 ng/ml



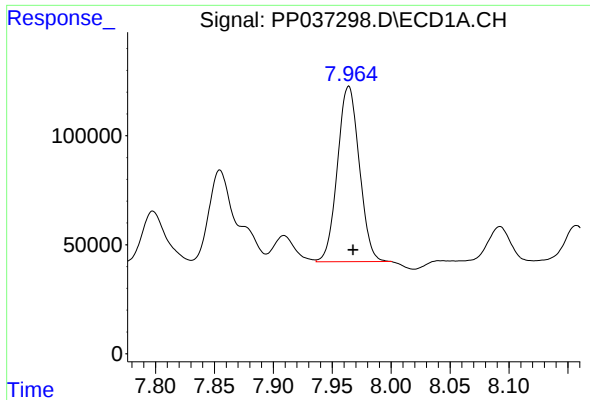
#30 AR-1254-5

R.T.: 8.521 min
Delta R.T.: -0.004 min
Response: 1504331
Conc: 601.16 ng/ml



#30 AR-1254-5

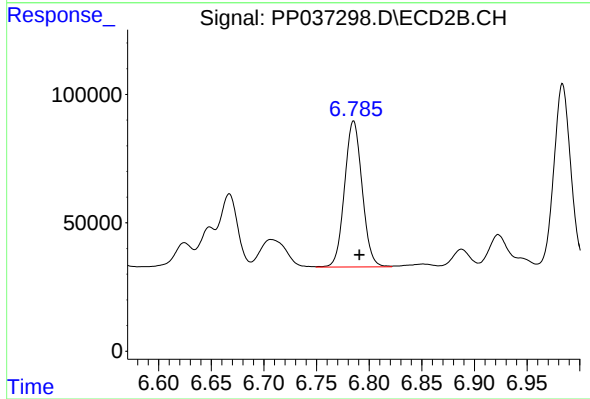
R.T.: 7.317 min
Delta R.T.: -0.006 min
Response: 918953
Conc: 490.20 ng/ml



#31 AR-1260-1

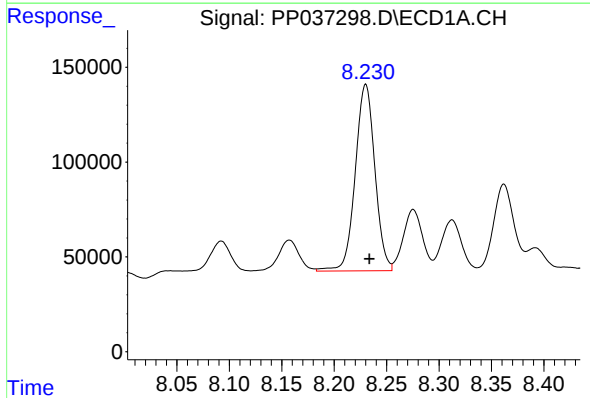
R.T.: 7.964 min
Delta R.T.: -0.003 min
Response: 1040171
Conc: 472.50 ng/ml

Instrument :
ECD_P
ClientSampleId :



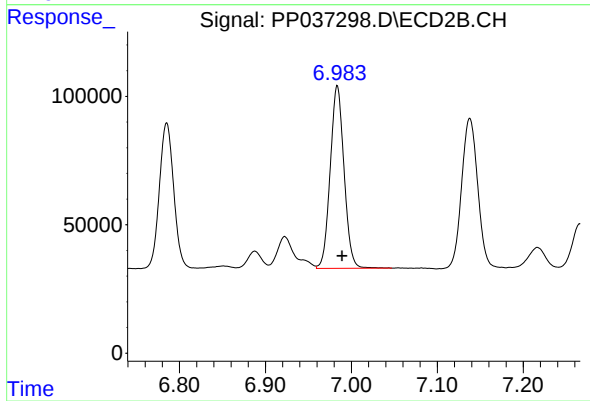
#31 AR-1260-1

R.T.: 6.785 min
Delta R.T.: -0.005 min
Response: 661301
Conc: 478.58 ng/ml



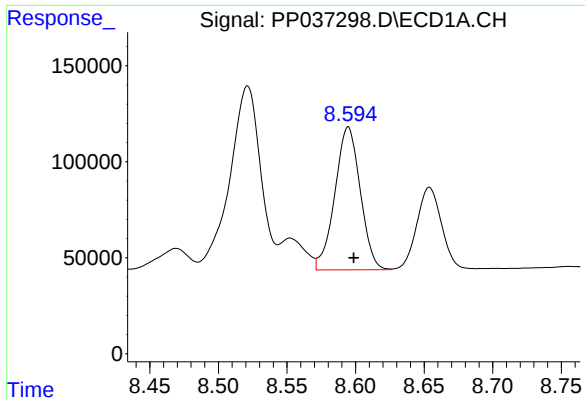
#32 AR-1260-2

R.T.: 8.230 min
Delta R.T.: -0.004 min
Response: 1281204
Conc: 460.57 ng/ml



#32 AR-1260-2

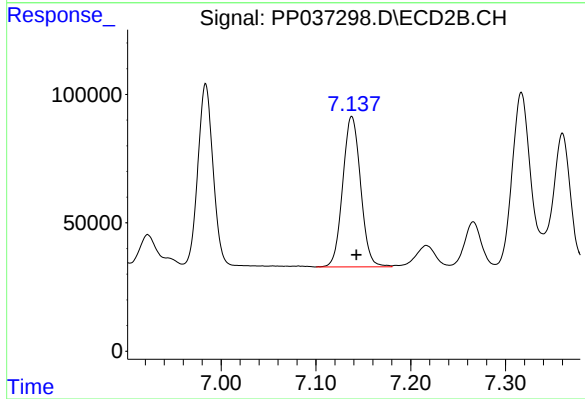
R.T.: 6.984 min
Delta R.T.: -0.005 min
Response: 795679
Conc: 473.64 ng/ml



#33 AR-1260-3

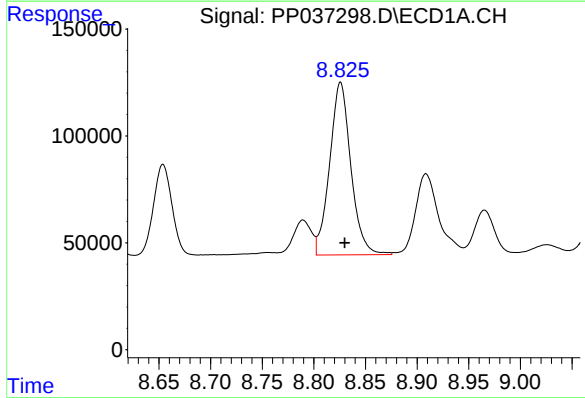
R.T.: 8.595 min
Delta R.T.: -0.004 min
Response: 960132
Conc: 475.04 ng/ml

Instrument :
ECD_P
ClientSampleId :



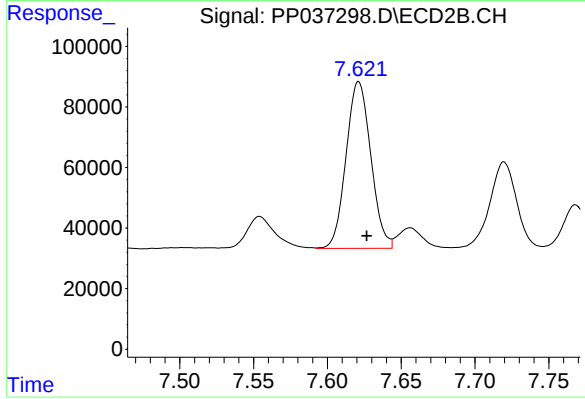
#33 AR-1260-3

R.T.: 7.138 min
Delta R.T.: -0.005 min
Response: 767159
Conc: 447.74 ng/ml



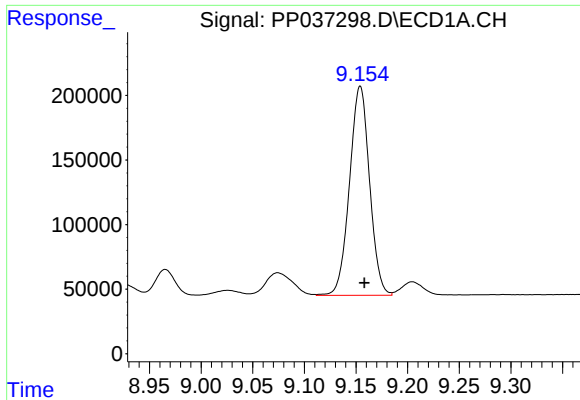
#34 AR-1260-4

R.T.: 8.826 min
Delta R.T.: -0.004 min
Response: 1155685
Conc: 469.83 ng/ml



#34 AR-1260-4

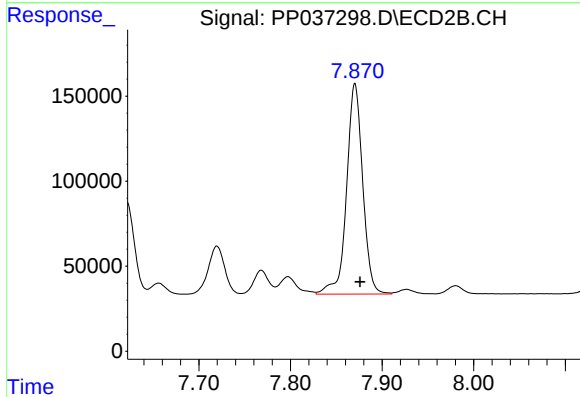
R.T.: 7.621 min
Delta R.T.: -0.005 min
Response: 642493
Conc: 472.58 ng/ml



#35 AR-1260-5

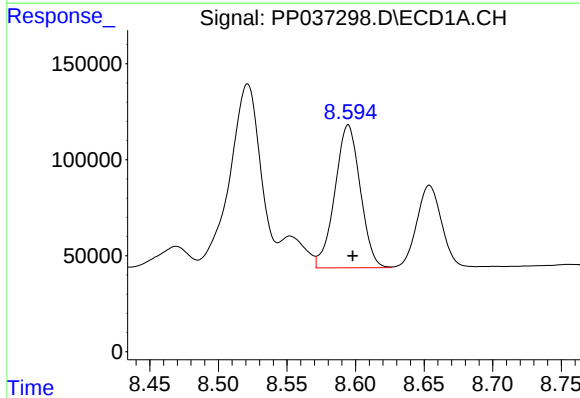
R.T.: 9.154 min
Delta R.T.: -0.004 min
Response: 2187794
Conc: 474.12 ng/ml

Instrument :
ECD_P
ClientSampleId :



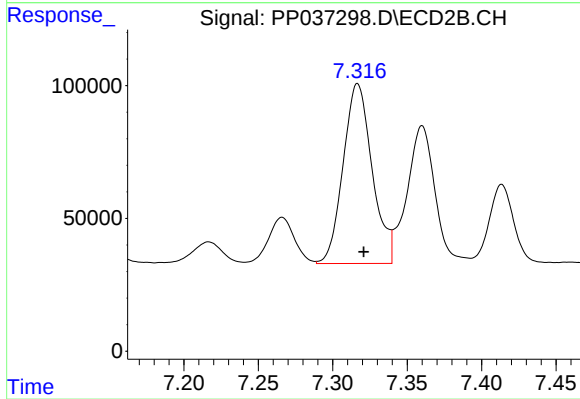
#35 AR-1260-5

R.T.: 7.870 min
Delta R.T.: -0.005 min
Response: 1516772
Conc: 470.25 ng/ml



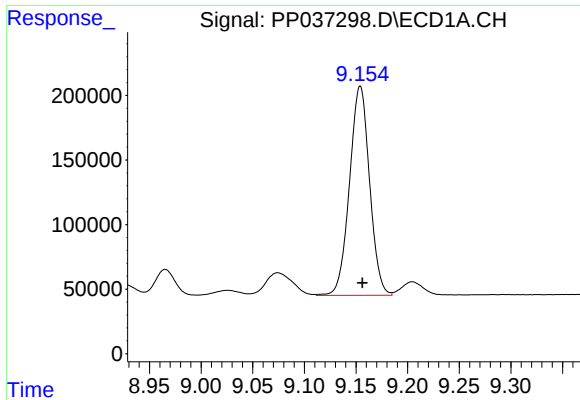
#36 AR-1262-1

R.T.: 8.595 min
Delta R.T.: -0.003 min
Response: 960132
Conc: 329.66 ng/ml



#36 AR-1262-1

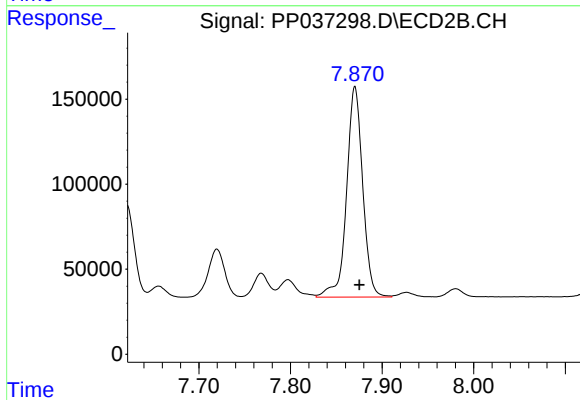
R.T.: 7.317 min
Delta R.T.: -0.004 min
Response: 918953
Conc: 884.98 ng/ml



#37 AR-1262-2

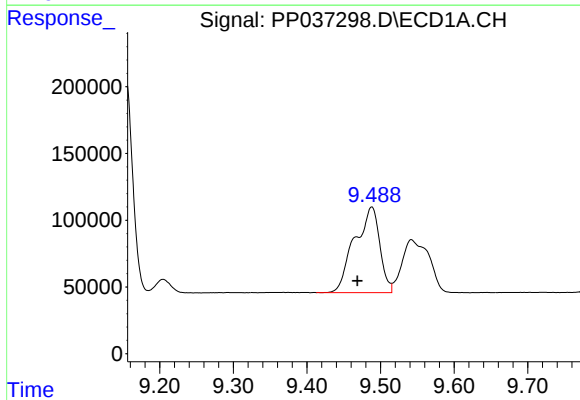
R.T.: 9.154 min
Delta R.T.: -0.002 min
Response: 2187794
Conc: 416.59 ng/ml

Instrument :
ECD_P
ClientSampleId :



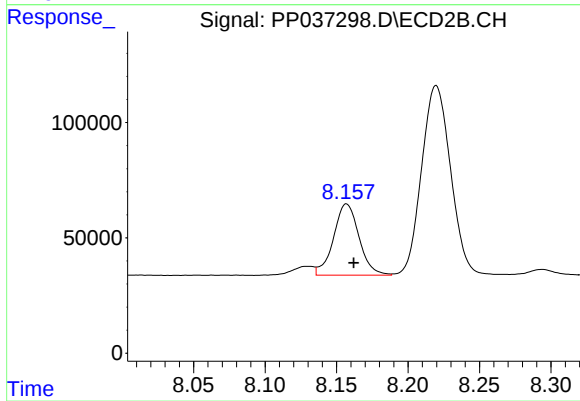
#37 AR-1262-2

R.T.: 7.870 min
Delta R.T.: -0.005 min
Response: 1516772
Conc: 436.02 ng/ml



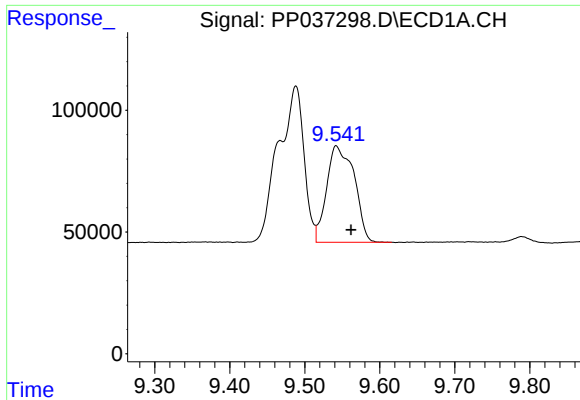
#38 AR-1262-3

R.T.: 9.488 min
Delta R.T.: 0.019 min
Response: 1524452
Conc: 397.86 ng/ml



#38 AR-1262-3

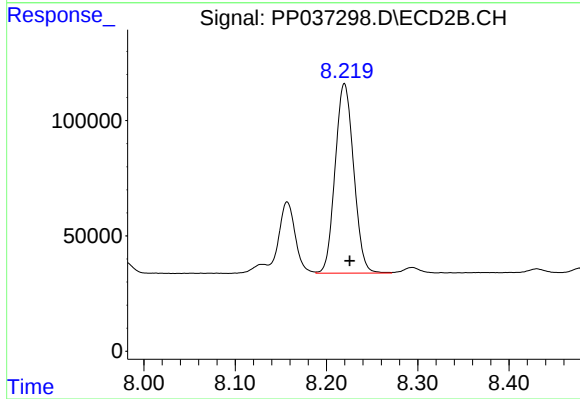
R.T.: 8.157 min
Delta R.T.: -0.005 min
Response: 383757
Conc: 272.56 ng/ml



#39 AR-1262-4

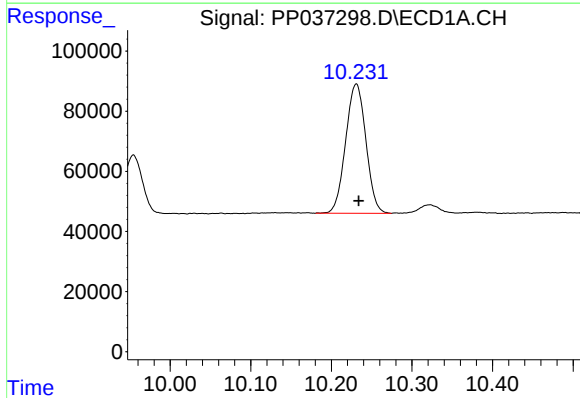
R.T.: 9.542 min
Delta R.T.: -0.020 min
Response: 1010467
Conc: 343.88 ng/ml

Instrument :
ECD_P
ClientSampleId :



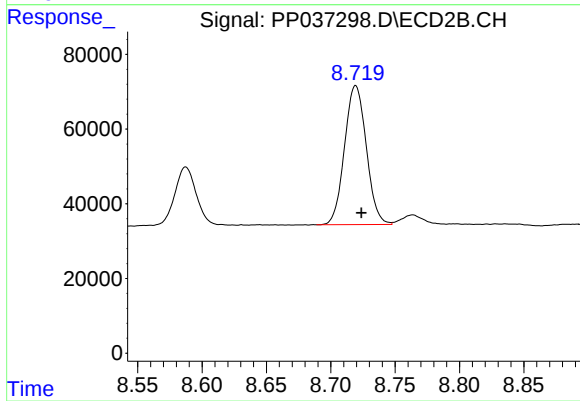
#39 AR-1262-4

R.T.: 8.220 min
Delta R.T.: -0.006 min
Response: 1160631
Conc: 435.84 ng/ml



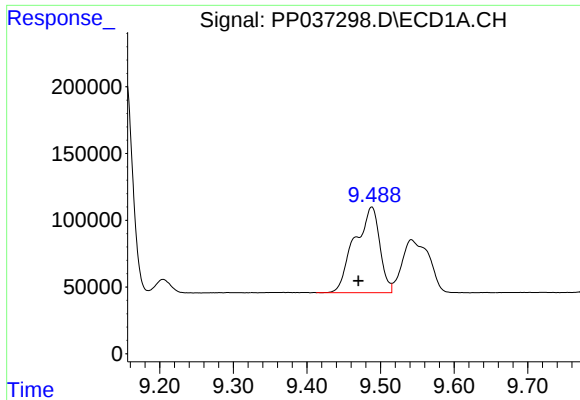
#40 AR-1262-5

R.T.: 10.231 min
Delta R.T.: -0.003 min
Response: 751701
Conc: 353.52 ng/ml



#40 AR-1262-5

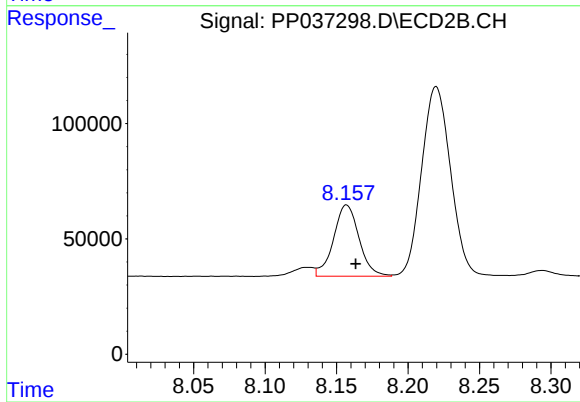
R.T.: 8.719 min
Delta R.T.: -0.004 min
Response: 438949
Conc: 347.27 ng/ml



#41 AR-1268-1

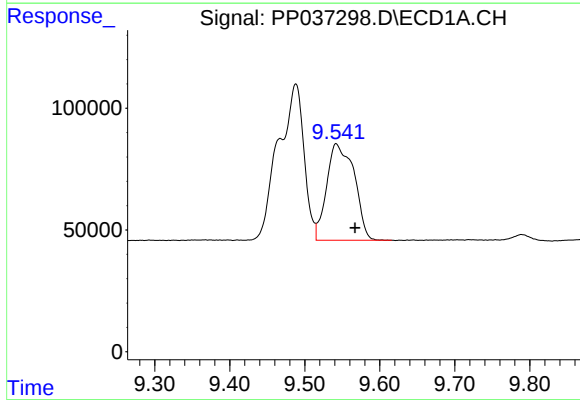
R.T.: 9.488 min
Delta R.T.: 0.018 min
Response: 1524452
Conc: 251.03 ng/ml

Instrument :
ECD_P
ClientSampleId :



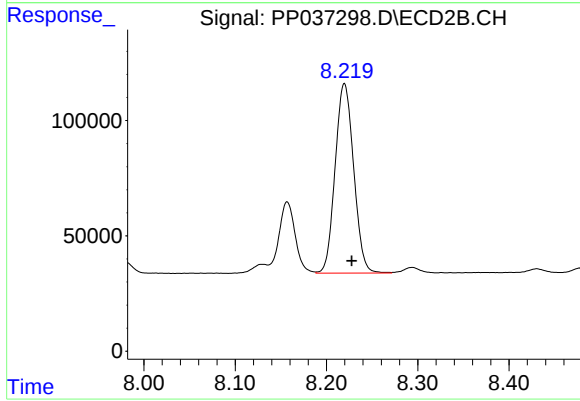
#41 AR-1268-1

R.T.: 8.157 min
Delta R.T.: -0.006 min
Response: 383757
Conc: 96.30 ng/ml



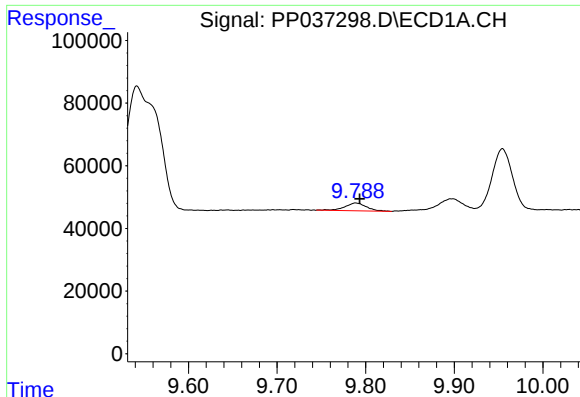
#42 AR-1268-2

R.T.: 9.542 min
Delta R.T.: -0.025 min
Response: 1010467
Conc: 175.81 ng/ml



#42 AR-1268-2

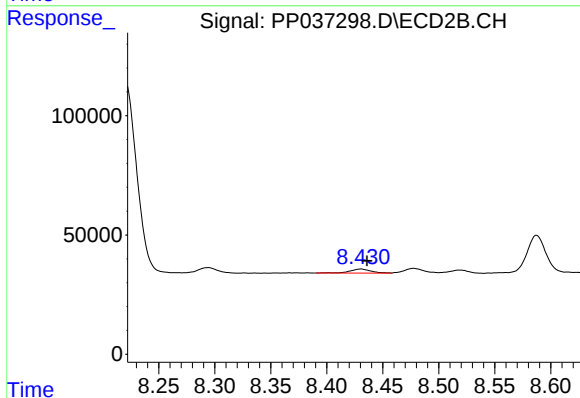
R.T.: 8.220 min
Delta R.T.: -0.008 min
Response: 1160631
Conc: 313.59 ng/ml



#43 AR-1268-3

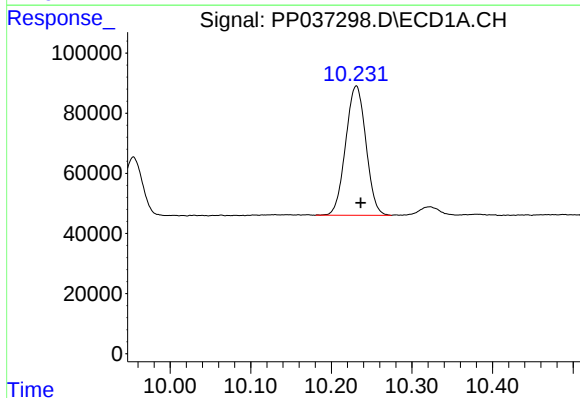
R.T.: 9.789 min
Delta R.T.: -0.005 min
Response: 41932
Conc: 8.55 ng/ml

Instrument :
ECD_P
ClientSampleId :



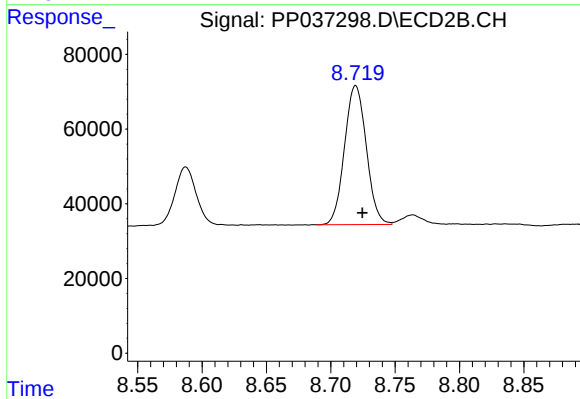
#43 AR-1268-3

R.T.: 8.430 min
Delta R.T.: -0.006 min
Response: 22491
Conc: 7.16 ng/ml



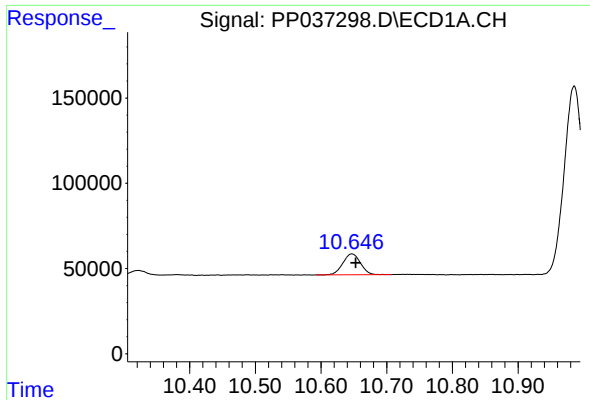
#44 AR-1268-4

R.T.: 10.231 min
Delta R.T.: -0.005 min
Response: 751701
Conc: 328.58 ng/ml



#44 AR-1268-4

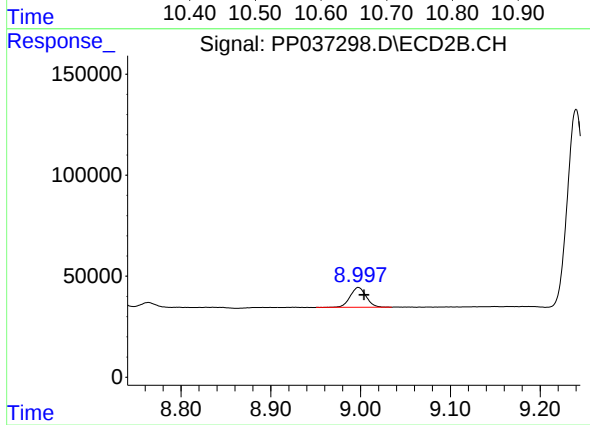
R.T.: 8.719 min
Delta R.T.: -0.005 min
Response: 438949
Conc: 320.29 ng/ml



#45 AR-1268-5

R.T.: 10.647 min
Delta R.T.: -0.006 min
Response: 229047
Conc: 14.47 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.998 min
Delta R.T.: -0.006 min
Response: 122129
Conc: 11.87 ng/ml