

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP071921\
 Data File : PP037363.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 19 Jul 2021 13:58
 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 20 05:50:11 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...	4.961	3.949	2282241	1354331	50.215	49.493
2)	SA Decachlor...	10.996	9.246	2092100	1221371	45.445	43.879
Target Compounds							
3)	L1 AR-1016-1	6.282	5.201	846956	502445	487.398	486.205
4)	L1 AR-1016-2	6.306	5.221	1207311	697765	482.907	487.351
5)	L1 AR-1016-3	6.372	5.411	769105	386611	482.896	494.828
6)	L1 AR-1016-4	6.480	5.465	651053	295464	493.750	489.512
7)	L1 AR-1016-5	6.794	5.692	635423	384098	502.307	497.411
8)	L2 AR-1221-1	5.205	4.204	79907	49365	150.662	161.631
9)	L2 AR-1221-2	5.311	4.303	120640	70825	297.778	300.855
10)	L2 AR-1221-3	5.397	4.392	464452	271558	381.186	365.104
11)	L3 AR-1232-1	5.397	4.392	464452	271558	418.006	399.957
12)	L3 AR-1232-2	5.986	5.221	624793	697765	1047.829	1114.797
13)	L3 AR-1232-3	6.306	5.411	1207311	386611	1103.316	1164.444
14)	L3 AR-1232-4	6.480	5.509	651053	360888	1121.395	1308.939
15)	L3 AR-1232-5	6.576	5.692	508204	384098	1321.428	1292.081
16)	L4 AR-1242-1	6.282	5.201	846956	502445	664.442	666.639
17)	L4 AR-1242-2	6.306	5.221	1207311	697765	665.875	678.119
18)	L4 AR-1242-3	6.372	5.411	769105	386611	668.691	678.958
19)	L4 AR-1242-4	6.480	5.509	651053	360888	680.091	700.241
20)	L4 AR-1242-5	7.254	6.072	143855	276234	138.327	405.823 #
21)	L5 AR-1248-1	6.282	5.201	846956	502445	806.953	796.183
22)	L5 AR-1248-2	6.576	5.465	508204	295464	342.328	360.203
23)	L5 AR-1248-3	6.794	5.509	635423	360888	384.684	421.709
24)	L5 AR-1248-4	7.230	5.692	236902	384098	125.338	377.427 #
25)	L5 AR-1248-5	7.254	6.115	143855	47154	76.862	44.453 #
26)	L6 AR-1254-1	7.196	6.072	988006	276234	549.963	186.070 #
27)	L6 AR-1254-2	7.419	6.232	518080	249792	186.247	192.295
28)	L6 AR-1254-3	7.803	6.653	287871	143086	93.373	67.050 #
29)	L6 AR-1254-4	8.098	6.892	202431	74810	89.120	55.140 #
30)	L6 AR-1254-5	8.526	7.321	1497281	937773	598.339	500.242
31)	L7 AR-1260-1	7.969	6.790	1023849	669015	465.083	484.157
32)	L7 AR-1260-2	8.235	6.988	1266008	809292	455.108	481.740
33)	L7 AR-1260-3	8.601	7.142	958612	773420	474.284	451.393
34)	L7 AR-1260-4	8.831	7.626	1138761	653173	462.946	480.440
35)	L7 AR-1260-5	9.160	7.875	2168717	1536109	469.989	476.250
36)	L8 AR-1262-1	8.601	7.321	958612	937773	329.137	903.103 #
37)	L8 AR-1262-2	9.160	7.875	2168717	1536109	412.953	441.582
38)	L8 AR-1262-3	9.474	8.162	451094	355066	117.730	252.186 #
39)	L8 AR-1262-4	9.548	8.224	929123	1155280	316.198	433.828 #
40)	L8 AR-1262-5	10.239	8.725	722586	428853	339.831	339.282
41)	L9 AR-1268-1	9.474	8.162	451094	355066	74.281	89.098

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 Operator : DD\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

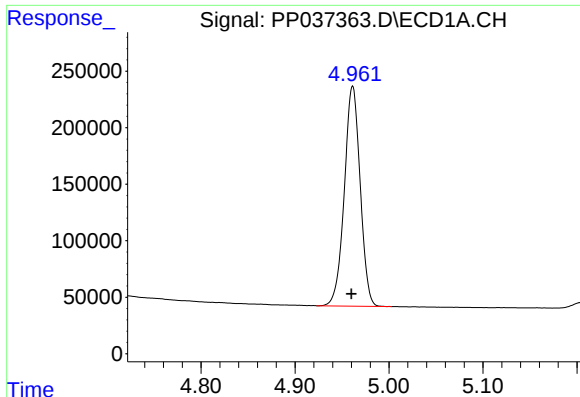
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 20 05:50:11 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070621.M
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 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	9.548f	8.224	929123	1155280	161.655	312.141 #
43) L9	AR-1268-3	9.796	8.435	30554	16952	6.231	5.396
44) L9	AR-1268-4	10.239	8.725	722586	428853	315.856	312.921
45) L9	AR-1268-5	10.655	9.004	217306	113167	13.725	10.995

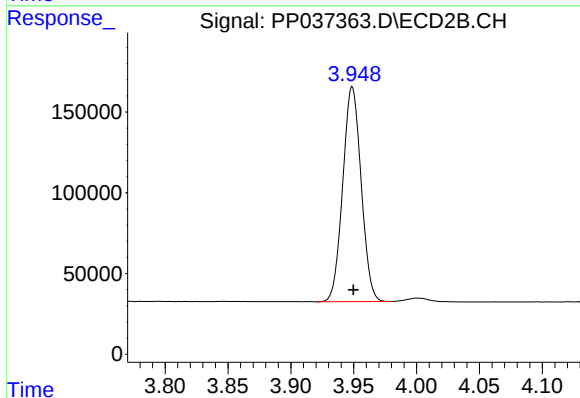
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

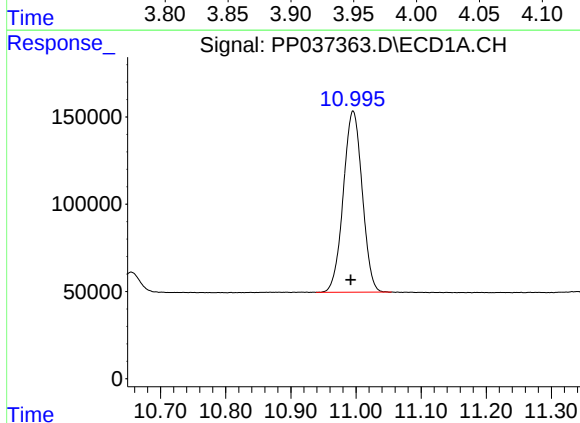
R.T.: 4.961 min
Delta R.T.: 0.001 min
Response: 2282241
Conc: 50.21 ng/ml

Instrument :
ECD_P
ClientSampleId :



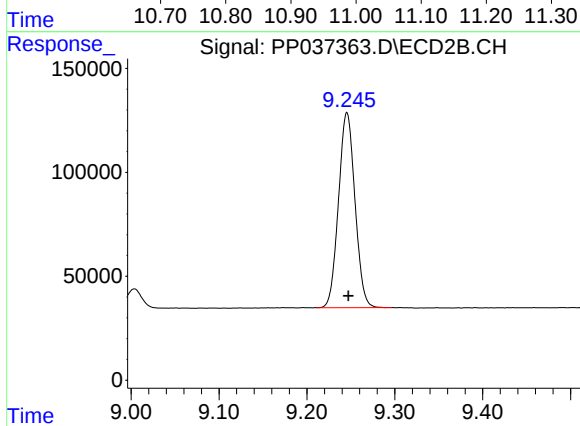
#1 Tetrachloro-m-xylene

R.T.: 3.949 min
Delta R.T.: -0.001 min
Response: 1354331
Conc: 49.49 ng/ml



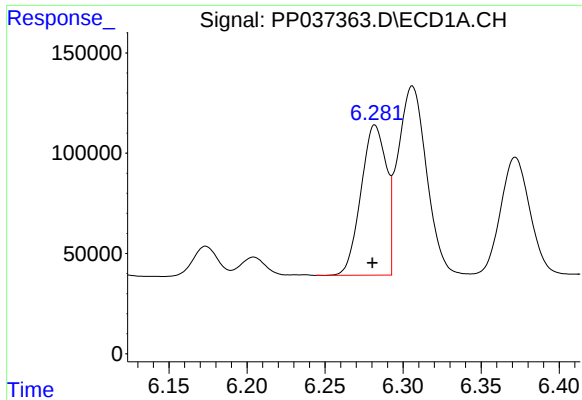
#2 Decachlorobiphenyl

R.T.: 10.996 min
Delta R.T.: 0.003 min
Response: 2092100
Conc: 45.45 ng/ml



#2 Decachlorobiphenyl

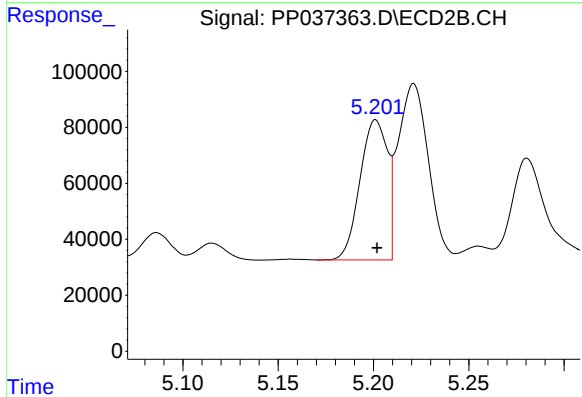
R.T.: 9.246 min
Delta R.T.: -0.002 min
Response: 1221371
Conc: 43.88 ng/ml



#3 AR-1016-1

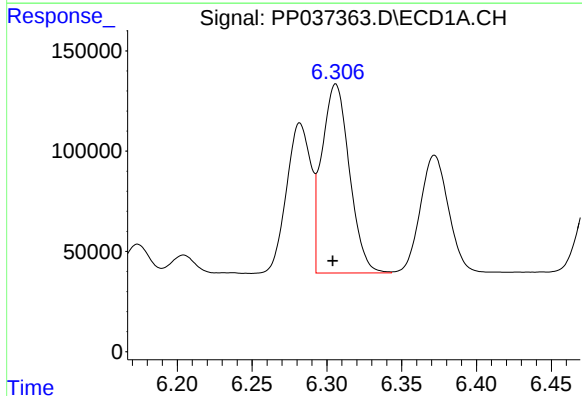
R.T.: 6.282 min
Delta R.T.: 0.002 min
Response: 846956
Conc: 487.40 ng/ml

Instrument :
ECD_P
ClientSampleId :



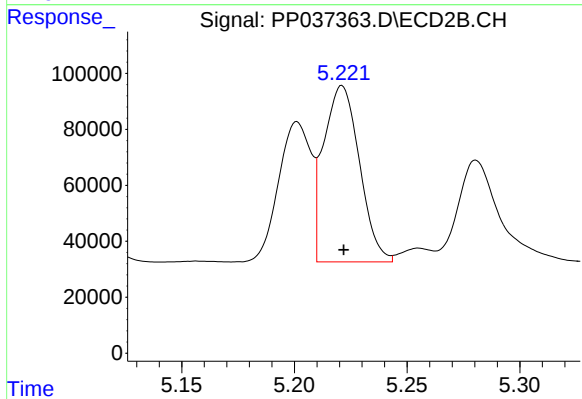
#3 AR-1016-1

R.T.: 5.201 min
Delta R.T.: 0.000 min
Response: 502445
Conc: 486.21 ng/ml



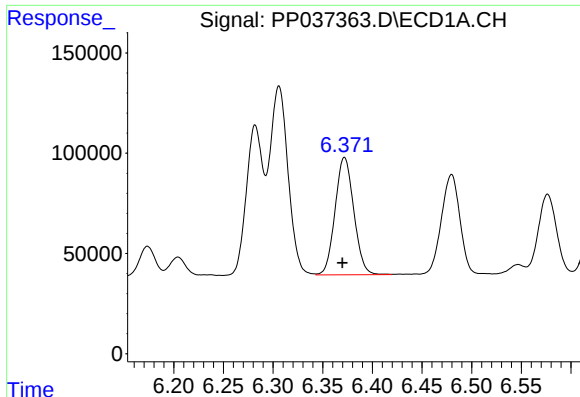
#4 AR-1016-2

R.T.: 6.306 min
Delta R.T.: 0.002 min
Response: 1207311
Conc: 482.91 ng/ml



#4 AR-1016-2

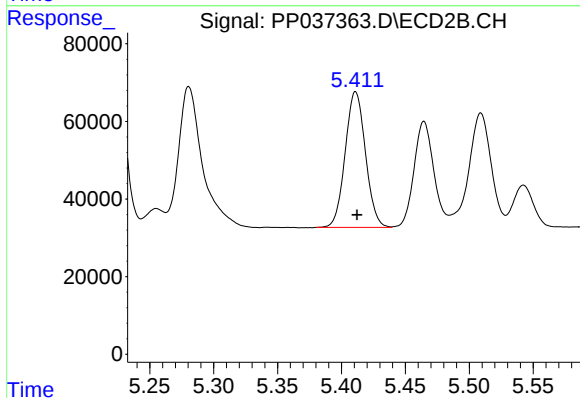
R.T.: 5.221 min
Delta R.T.: 0.000 min
Response: 697765
Conc: 487.35 ng/ml



#5 AR-1016-3

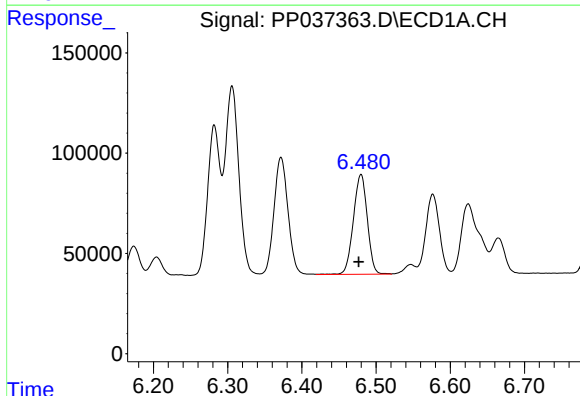
R.T.: 6.372 min
Delta R.T.: 0.002 min
Response: 769105
Conc: 482.90 ng/ml

Instrument :
ECD_P
ClientSampleId :



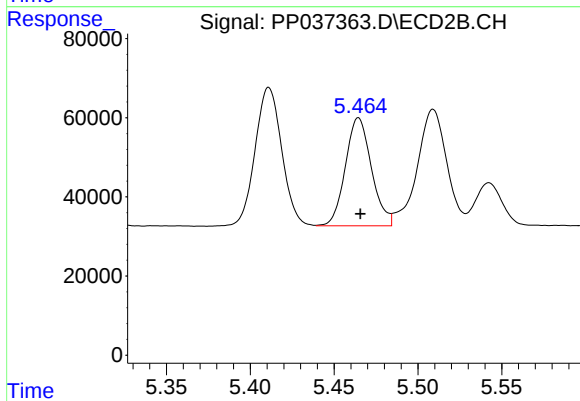
#5 AR-1016-3

R.T.: 5.411 min
Delta R.T.: -0.001 min
Response: 386611
Conc: 494.83 ng/ml



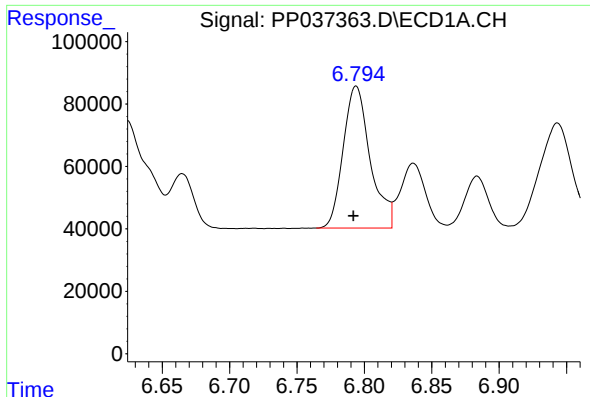
#6 AR-1016-4

R.T.: 6.480 min
Delta R.T.: 0.003 min
Response: 651053
Conc: 493.75 ng/ml



#6 AR-1016-4

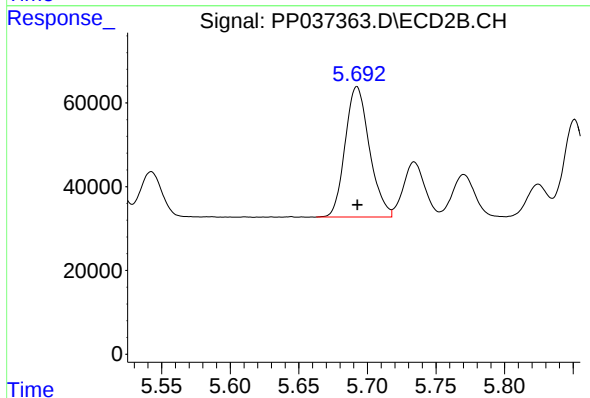
R.T.: 5.465 min
Delta R.T.: -0.001 min
Response: 295464
Conc: 489.51 ng/ml



#7 AR-1016-5

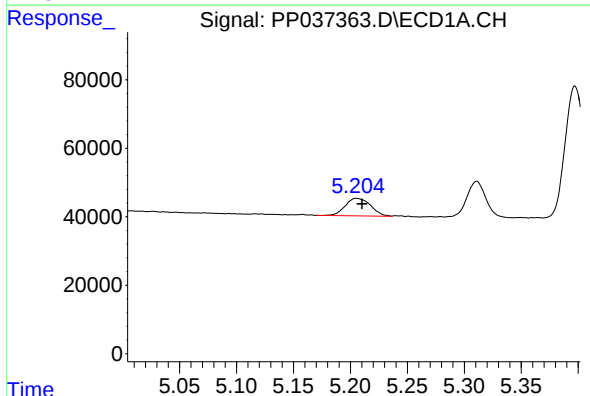
R.T.: 6.794 min
Delta R.T.: 0.002 min
Response: 635423
Conc: 502.31 ng/ml

Instrument :
ECD_P
ClientSampleId :



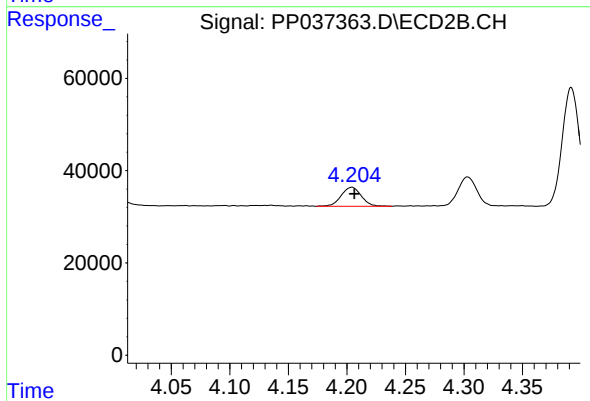
#7 AR-1016-5

R.T.: 5.692 min
Delta R.T.: 0.000 min
Response: 384098
Conc: 497.41 ng/ml



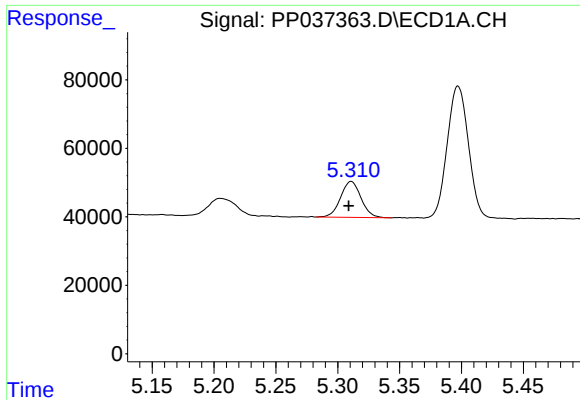
#8 AR-1221-1

R.T.: 5.205 min
Delta R.T.: -0.006 min
Response: 79907
Conc: 150.66 ng/ml



#8 AR-1221-1

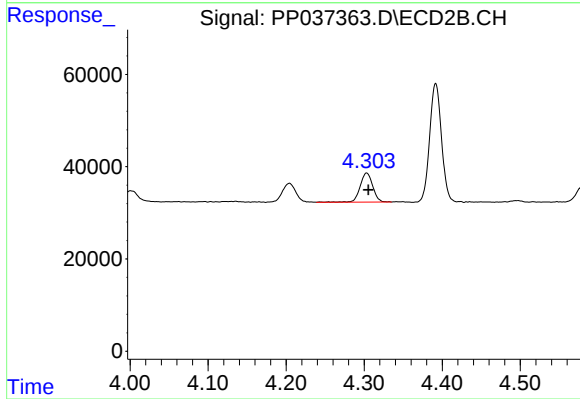
R.T.: 4.204 min
Delta R.T.: -0.002 min
Response: 49365
Conc: 161.63 ng/ml



#9 AR-1221-2

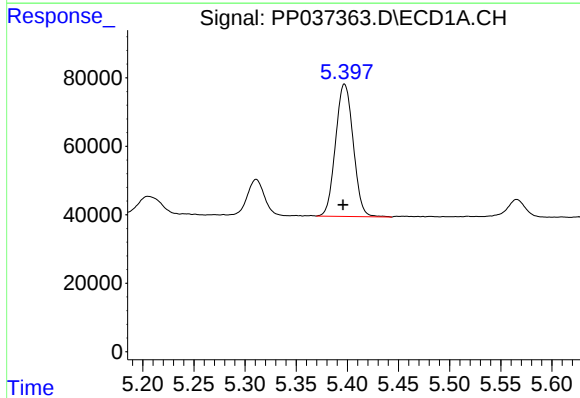
R.T.: 5.311 min
Delta R.T.: 0.002 min
Response: 120640
Conc: 297.78 ng/ml

Instrument :
ECD_P
ClientSampleId :



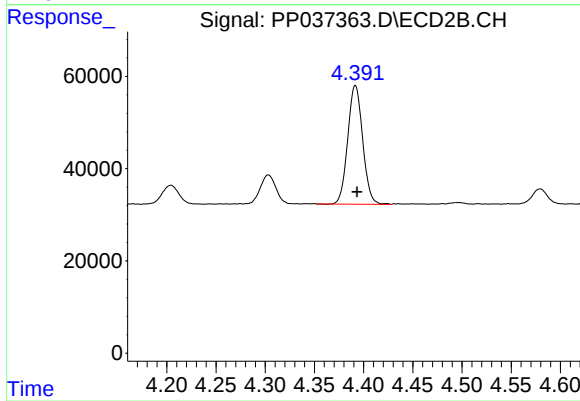
#9 AR-1221-2

R.T.: 4.303 min
Delta R.T.: -0.002 min
Response: 70825
Conc: 300.85 ng/ml



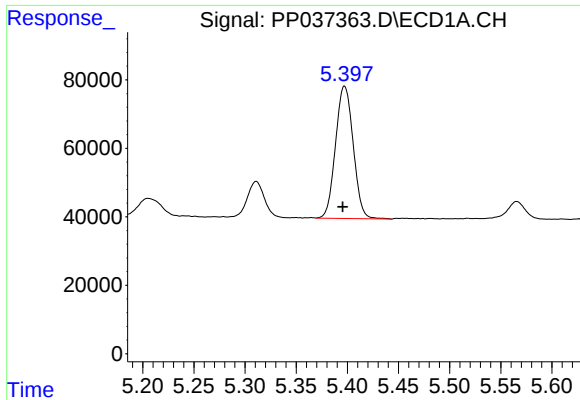
#10 AR-1221-3

R.T.: 5.397 min
Delta R.T.: 0.001 min
Response: 464452
Conc: 381.19 ng/ml



#10 AR-1221-3

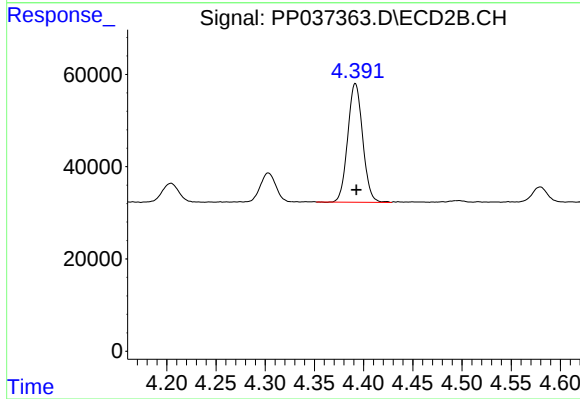
R.T.: 4.392 min
Delta R.T.: -0.002 min
Response: 271558
Conc: 365.10 ng/ml



#11 AR-1232-1

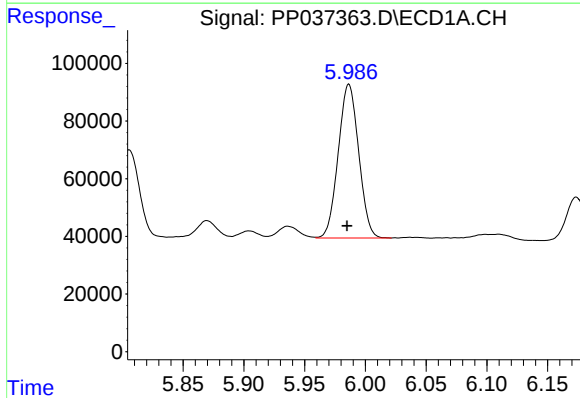
R.T.: 5.397 min
Delta R.T.: 0.002 min
Response: 464452
Conc: 418.01 ng/ml

Instrument :
ECD_P
ClientSampleId :



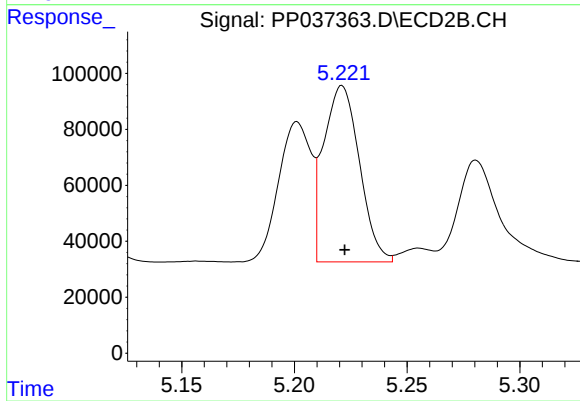
#11 AR-1232-1

R.T.: 4.392 min
Delta R.T.: -0.001 min
Response: 271558
Conc: 399.96 ng/ml



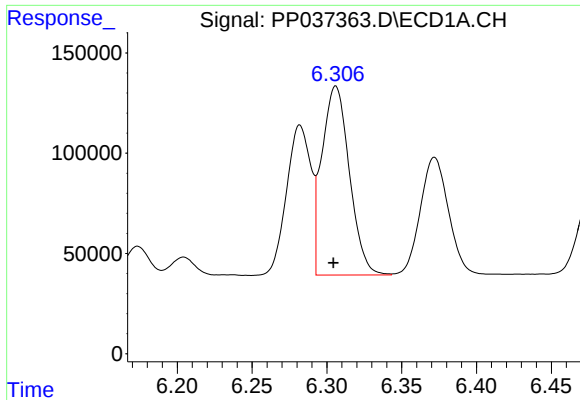
#12 AR-1232-2

R.T.: 5.986 min
Delta R.T.: 0.001 min
Response: 624793
Conc: 1047.83 ng/ml



#12 AR-1232-2

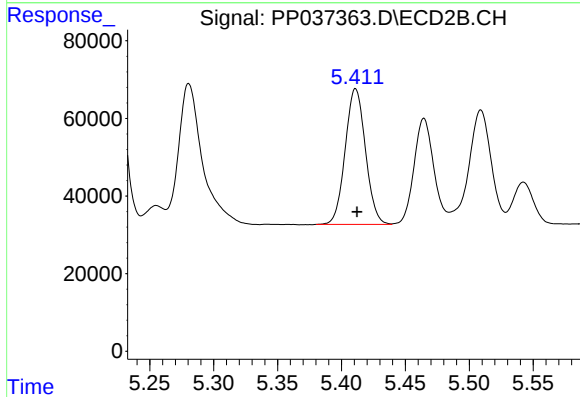
R.T.: 5.221 min
Delta R.T.: -0.001 min
Response: 697765
Conc: 1114.80 ng/ml



#13 AR-1232-3

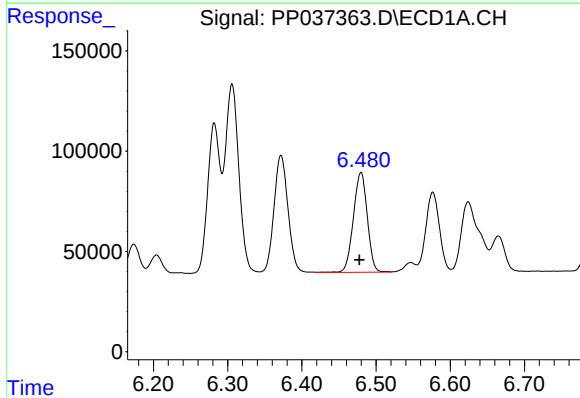
R.T.: 6.306 min
Delta R.T.: 0.002 min
Response: 1207311
Conc: 1103.32 ng/ml

Instrument :
ECD_P
ClientSampleId :



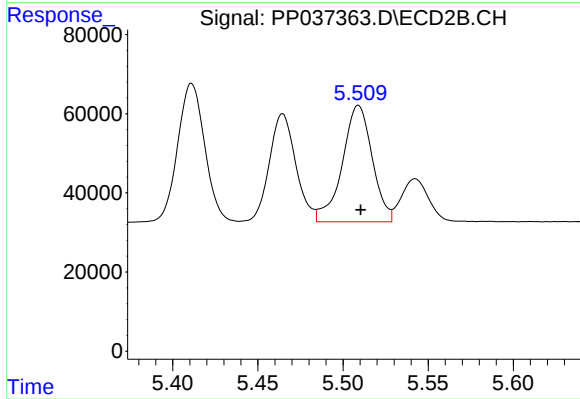
#13 AR-1232-3

R.T.: 5.411 min
Delta R.T.: -0.001 min
Response: 386611
Conc: 1164.44 ng/ml



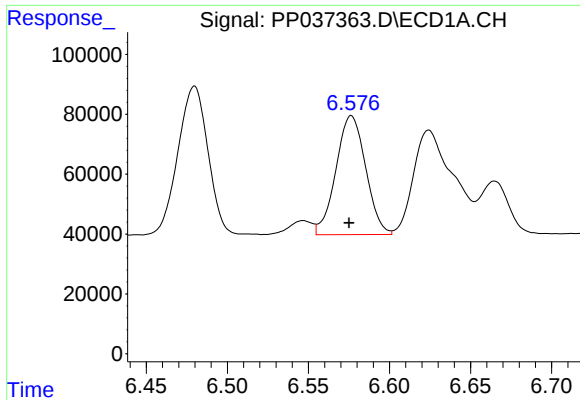
#14 AR-1232-4

R.T.: 6.480 min
Delta R.T.: 0.002 min
Response: 651053
Conc: 1121.39 ng/ml



#14 AR-1232-4

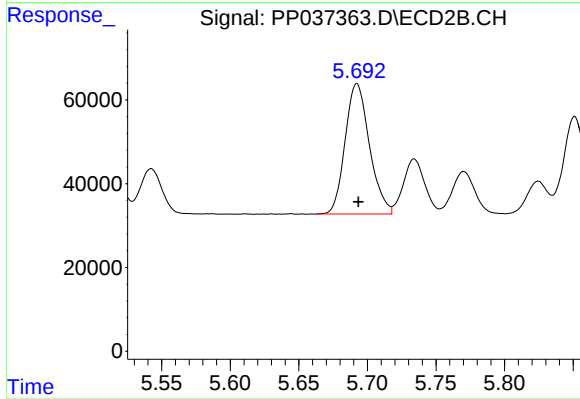
R.T.: 5.509 min
Delta R.T.: -0.001 min
Response: 360888
Conc: 1308.94 ng/ml



#15 AR-1232-5

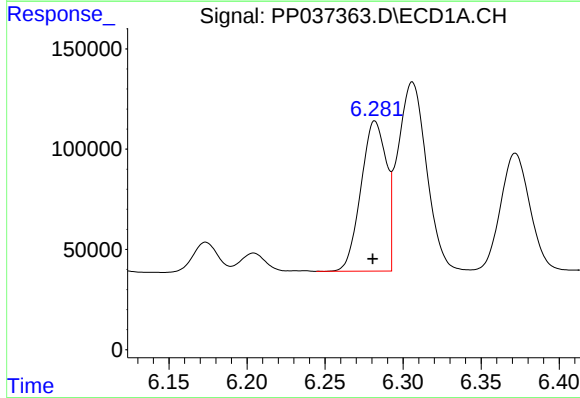
R.T.: 6.576 min
Delta R.T.: 0.001 min
Response: 508204
Conc: 1321.43 ng/ml

Instrument :
ECD_P
ClientSampleId :



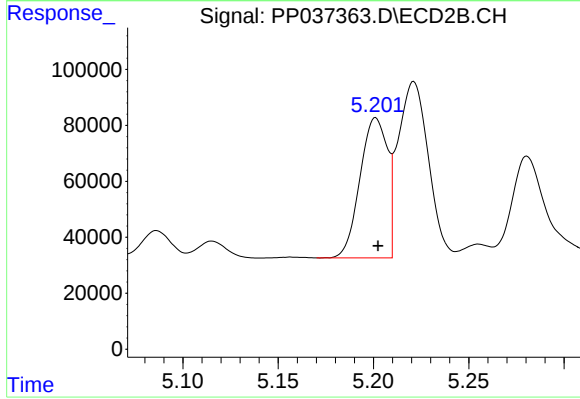
#15 AR-1232-5

R.T.: 5.692 min
Delta R.T.: -0.001 min
Response: 384098
Conc: 1292.08 ng/ml



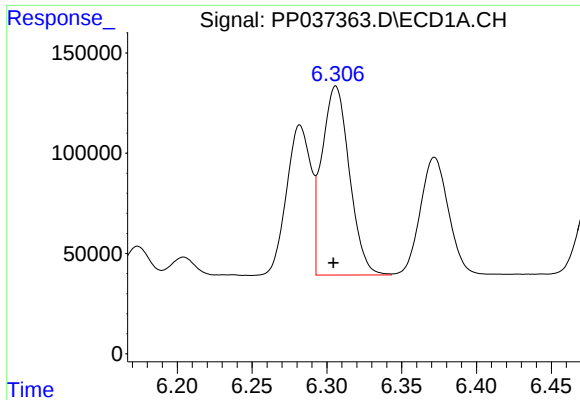
#16 AR-1242-1

R.T.: 6.282 min
Delta R.T.: 0.002 min
Response: 846956
Conc: 664.44 ng/ml



#16 AR-1242-1

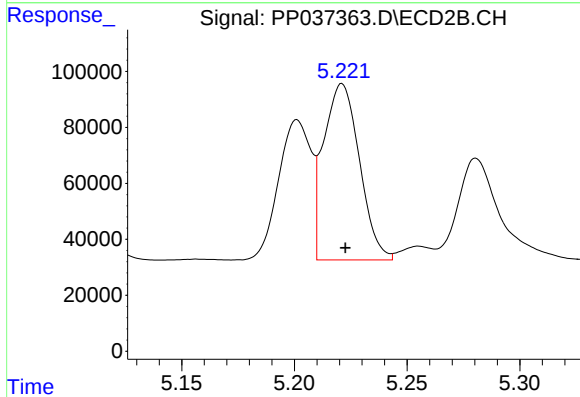
R.T.: 5.201 min
Delta R.T.: -0.001 min
Response: 502445
Conc: 666.64 ng/ml



#17 AR-1242-2

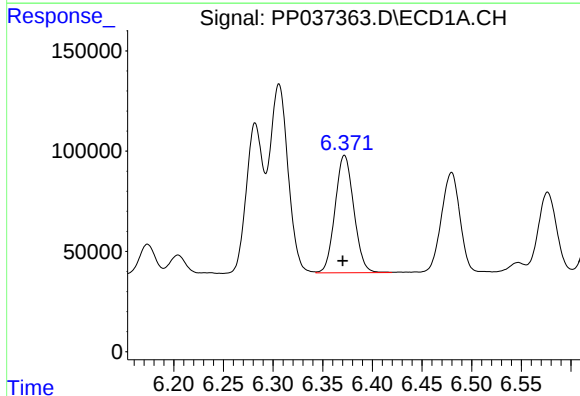
R.T.: 6.306 min
Delta R.T.: 0.001 min
Response: 1207311
Conc: 665.87 ng/ml

Instrument :
ECD_P
ClientSampleId :



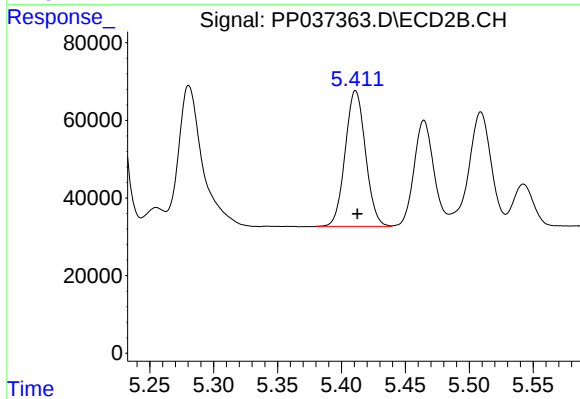
#17 AR-1242-2

R.T.: 5.221 min
Delta R.T.: -0.002 min
Response: 697765
Conc: 678.12 ng/ml



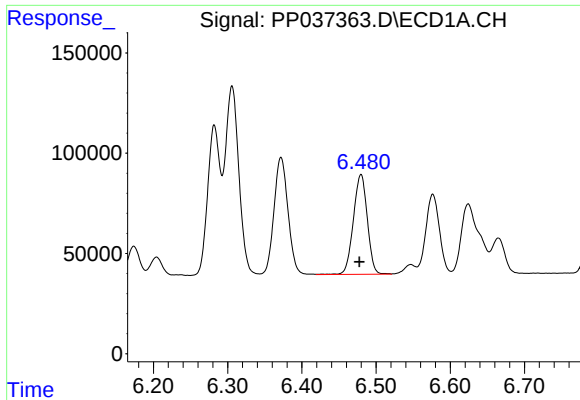
#18 AR-1242-3

R.T.: 6.372 min
Delta R.T.: 0.002 min
Response: 769105
Conc: 668.69 ng/ml



#18 AR-1242-3

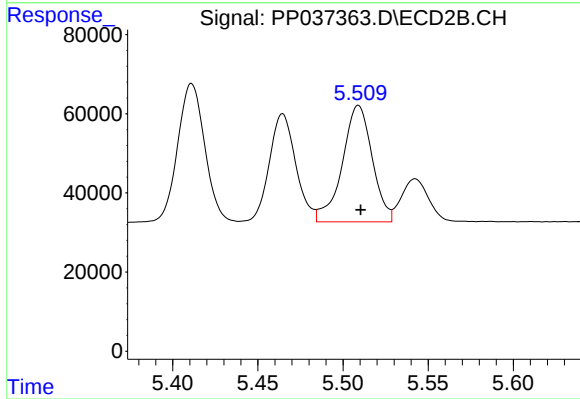
R.T.: 5.411 min
Delta R.T.: -0.001 min
Response: 386611
Conc: 678.96 ng/ml



#19 AR-1242-4

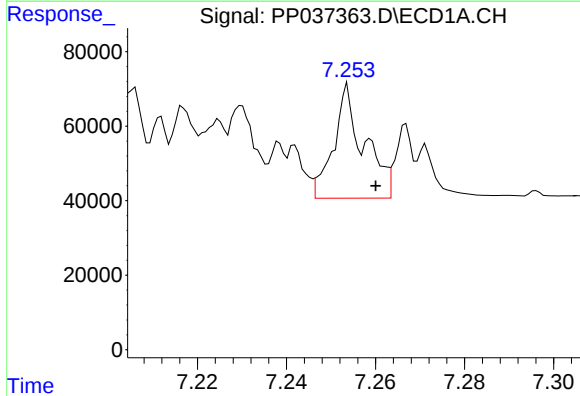
R.T.: 6.480 min
Delta R.T.: 0.002 min
Response: 651053
Conc: 680.09 ng/ml

Instrument :
ECD_P
ClientSampleId :



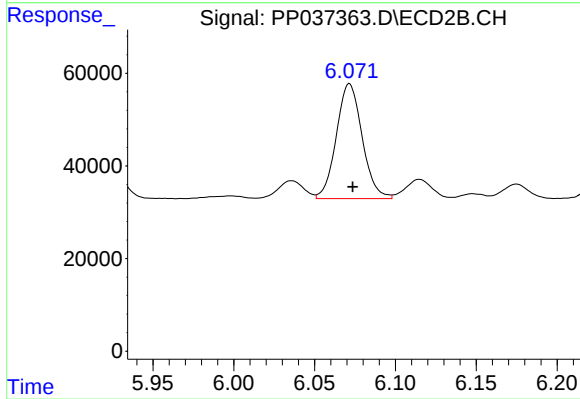
#19 AR-1242-4

R.T.: 5.509 min
Delta R.T.: -0.001 min
Response: 360888
Conc: 700.24 ng/ml



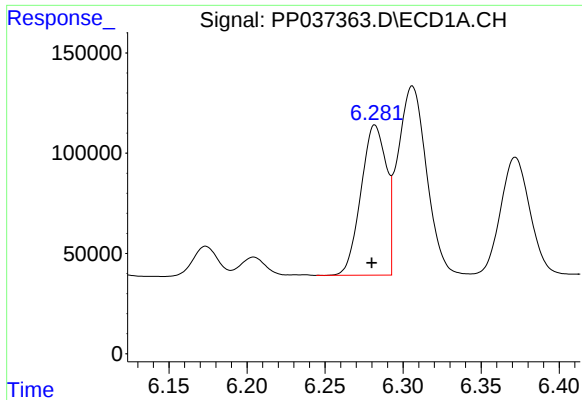
#20 AR-1242-5

R.T.: 7.254 min
Delta R.T.: -0.006 min
Response: 143855
Conc: 138.33 ng/ml



#20 AR-1242-5

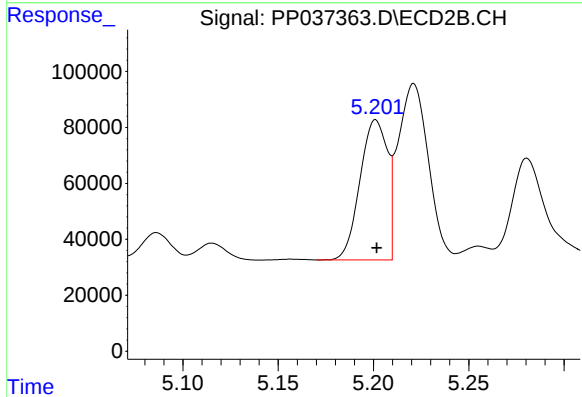
R.T.: 6.072 min
Delta R.T.: -0.002 min
Response: 276234
Conc: 405.82 ng/ml



#21 AR-1248-1

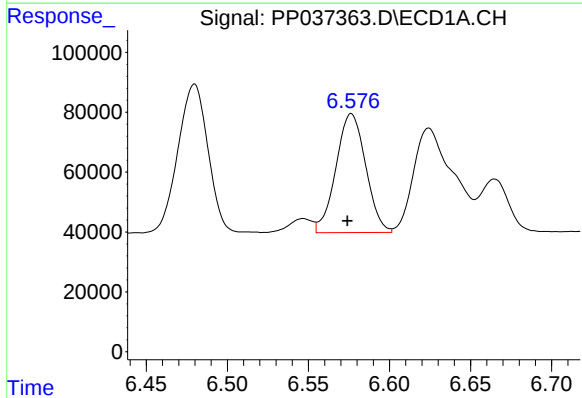
R.T.: 6.282 min
Delta R.T.: 0.002 min
Response: 846956
Conc: 806.95 ng/ml

Instrument :
ECD_P
ClientSampleId :



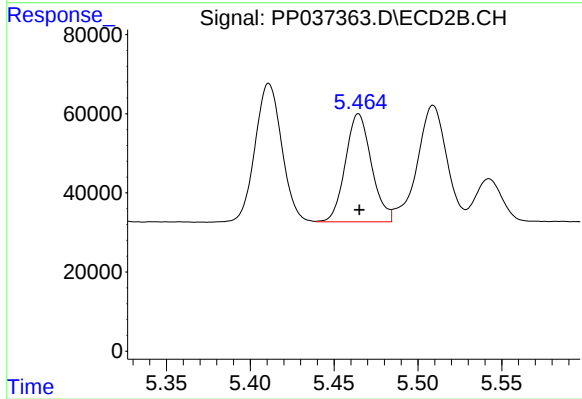
#21 AR-1248-1

R.T.: 5.201 min
Delta R.T.: 0.000 min
Response: 502445
Conc: 796.18 ng/ml



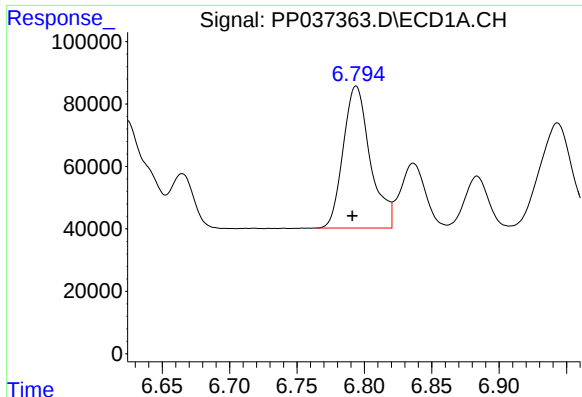
#22 AR-1248-2

R.T.: 6.576 min
Delta R.T.: 0.002 min
Response: 508204
Conc: 342.33 ng/ml



#22 AR-1248-2

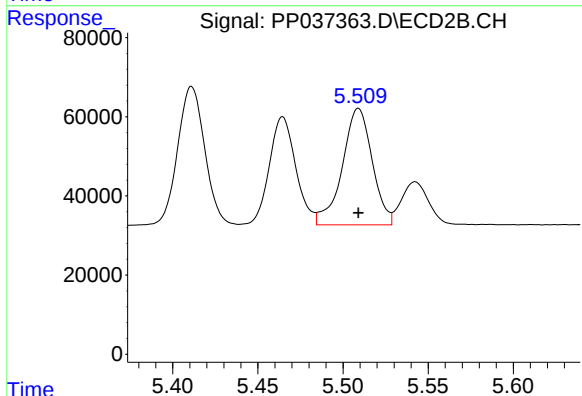
R.T.: 5.465 min
Delta R.T.: 0.000 min
Response: 295464
Conc: 360.20 ng/ml



#23 AR-1248-3

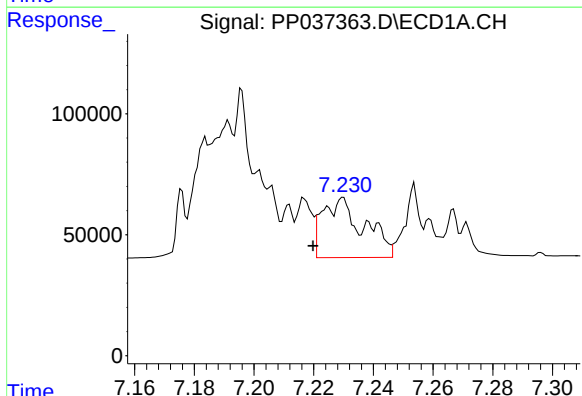
R.T.: 6.794 min
Delta R.T.: 0.003 min
Response: 635423
Conc: 384.68 ng/ml

Instrument :
ECD_P
ClientSampleId :



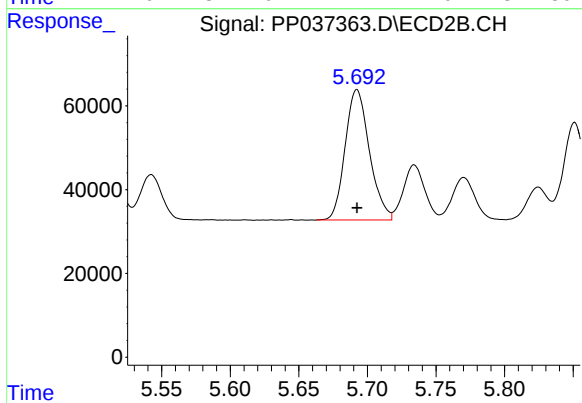
#23 AR-1248-3

R.T.: 5.509 min
Delta R.T.: 0.000 min
Response: 360888
Conc: 421.71 ng/ml



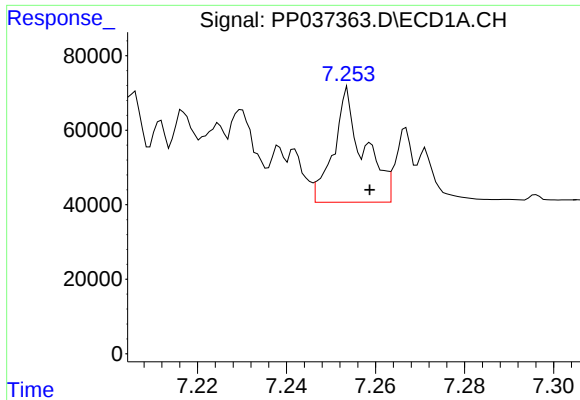
#24 AR-1248-4

R.T.: 7.230 min
Delta R.T.: 0.010 min
Response: 236902
Conc: 125.34 ng/ml



#24 AR-1248-4

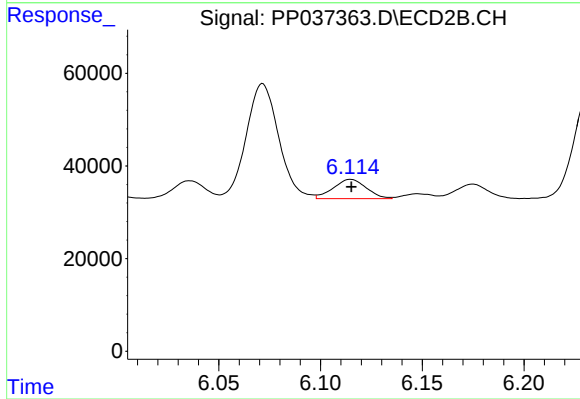
R.T.: 5.692 min
Delta R.T.: 0.000 min
Response: 384098
Conc: 377.43 ng/ml



#25 AR-1248-5

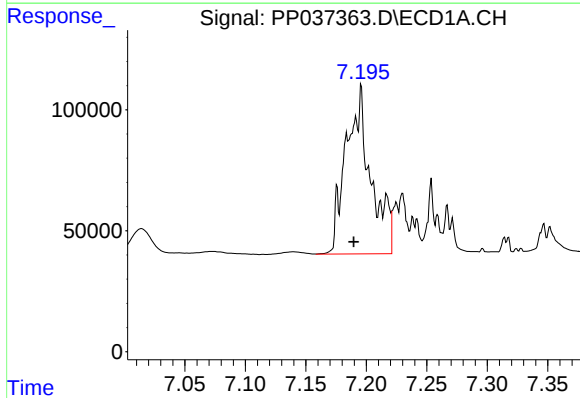
R.T.: 7.254 min
Delta R.T.: -0.005 min
Response: 143855
Conc: 76.86 ng/ml

Instrument :
ECD_P
ClientSampleId :



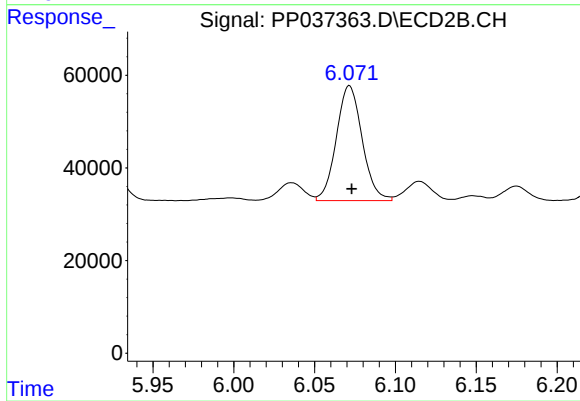
#25 AR-1248-5

R.T.: 6.115 min
Delta R.T.: 0.000 min
Response: 47154
Conc: 44.45 ng/ml



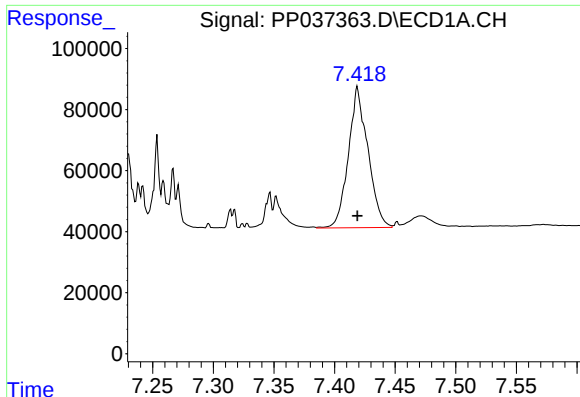
#26 AR-1254-1

R.T.: 7.196 min
Delta R.T.: 0.006 min
Response: 988006
Conc: 549.96 ng/ml



#26 AR-1254-1

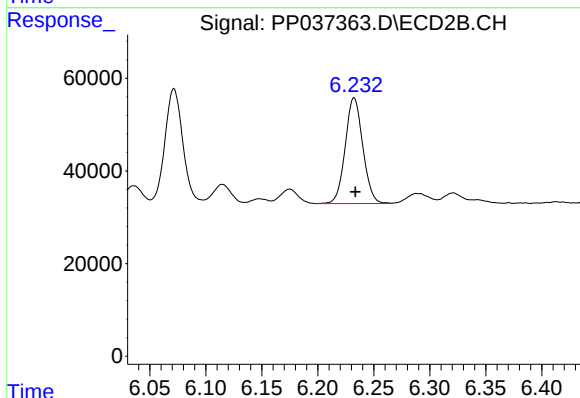
R.T.: 6.072 min
Delta R.T.: -0.001 min
Response: 276234
Conc: 186.07 ng/ml



#27 AR-1254-2

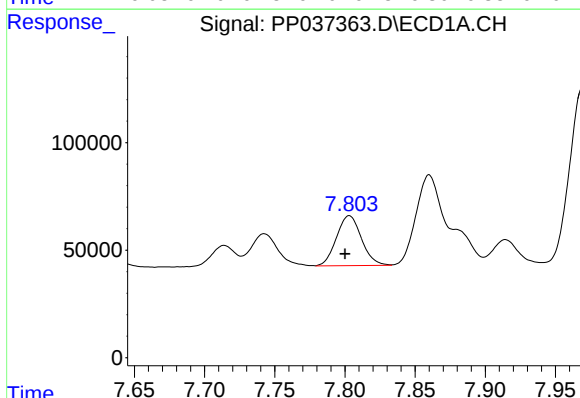
R.T.: 7.419 min
Delta R.T.: 0.000 min
Response: 518080
Conc: 186.25 ng/ml

Instrument :
ECD_P
ClientSampleId :



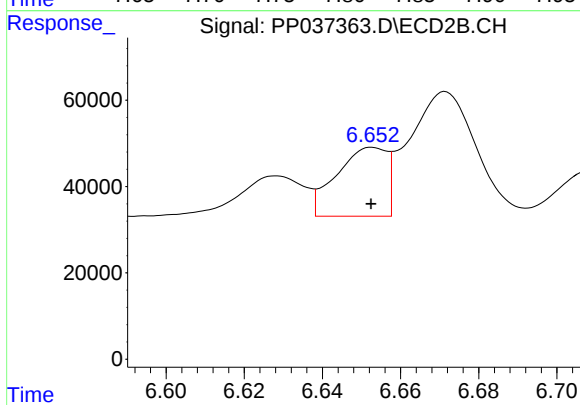
#27 AR-1254-2

R.T.: 6.232 min
Delta R.T.: -0.001 min
Response: 249792
Conc: 192.30 ng/ml



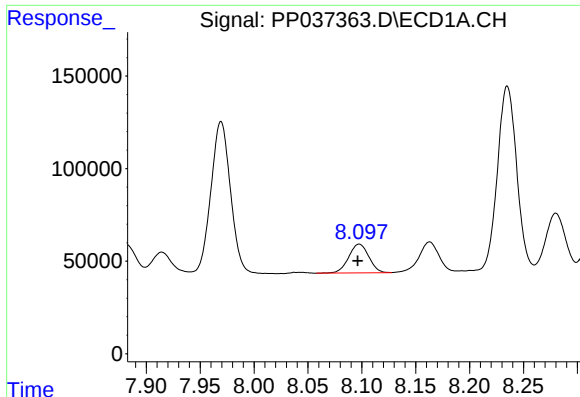
#28 AR-1254-3

R.T.: 7.803 min
Delta R.T.: 0.003 min
Response: 287871
Conc: 93.37 ng/ml



#28 AR-1254-3

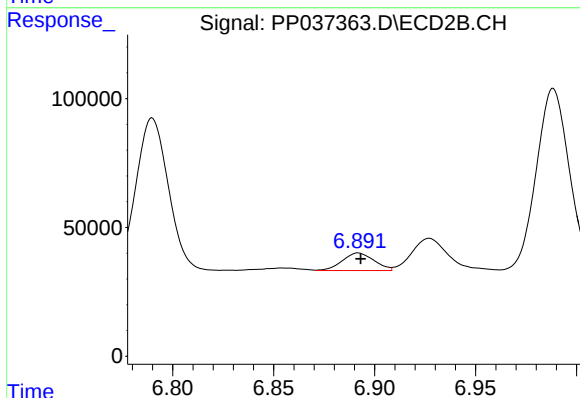
R.T.: 6.653 min
Delta R.T.: 0.000 min
Response: 143086
Conc: 67.05 ng/ml



#29 AR-1254-4

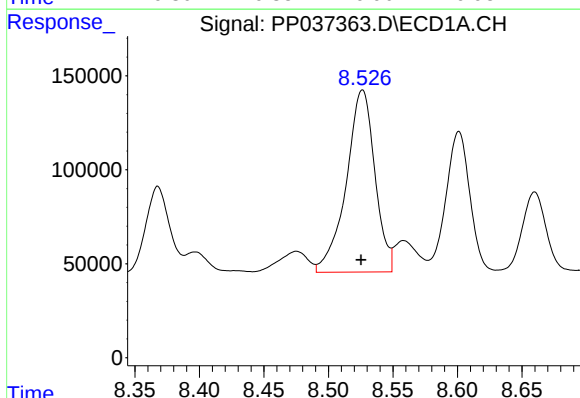
R.T.: 8.098 min
Delta R.T.: 0.001 min
Response: 202431
Conc: 89.12 ng/ml

Instrument :
ECD_P
ClientSampleId :



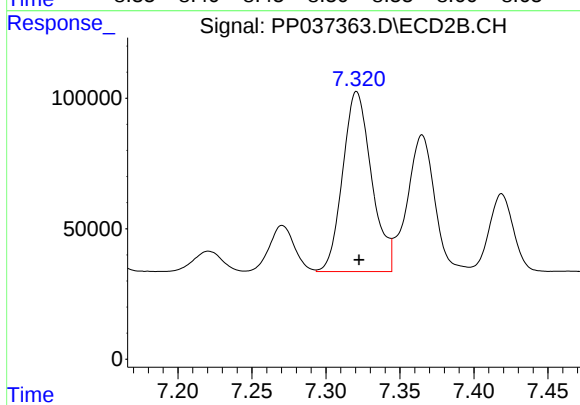
#29 AR-1254-4

R.T.: 6.892 min
Delta R.T.: -0.001 min
Response: 74810
Conc: 55.14 ng/ml



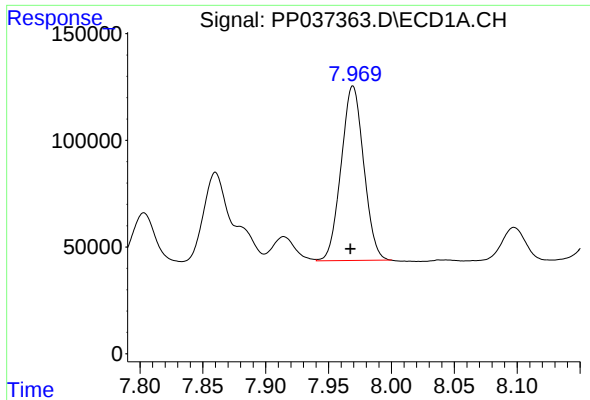
#30 AR-1254-5

R.T.: 8.526 min
Delta R.T.: 0.001 min
Response: 1497281
Conc: 598.34 ng/ml



#30 AR-1254-5

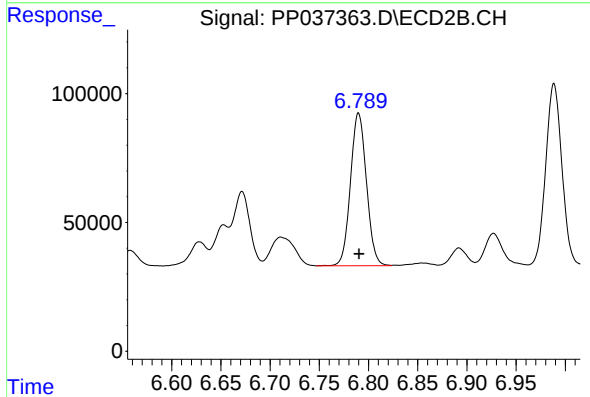
R.T.: 7.321 min
Delta R.T.: -0.002 min
Response: 937773
Conc: 500.24 ng/ml



#31 AR-1260-1

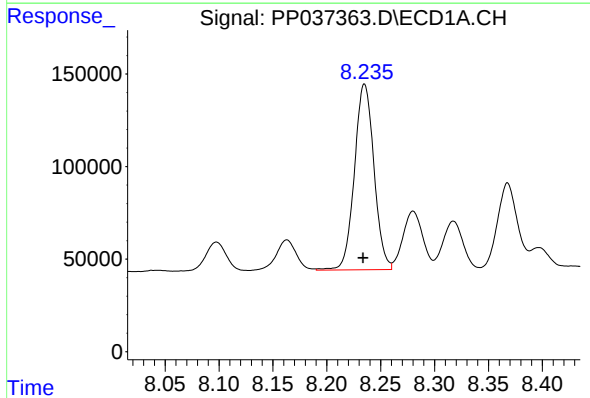
R.T.: 7.969 min
Delta R.T.: 0.002 min
Response: 1023849
Conc: 465.08 ng/ml

Instrument :
ECD_P
ClientSampleId :



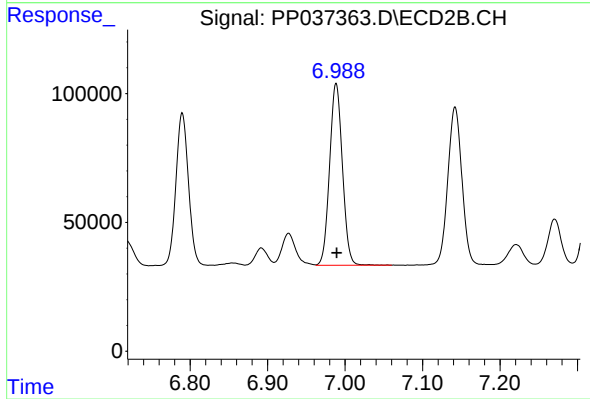
#31 AR-1260-1

R.T.: 6.790 min
Delta R.T.: 0.000 min
Response: 669015
Conc: 484.16 ng/ml



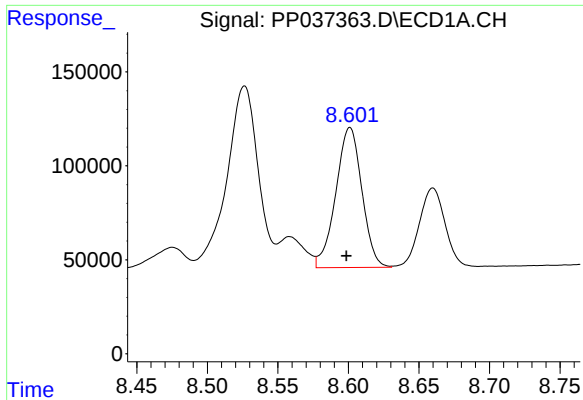
#32 AR-1260-2

R.T.: 8.235 min
Delta R.T.: 0.001 min
Response: 1266008
Conc: 455.11 ng/ml



#32 AR-1260-2

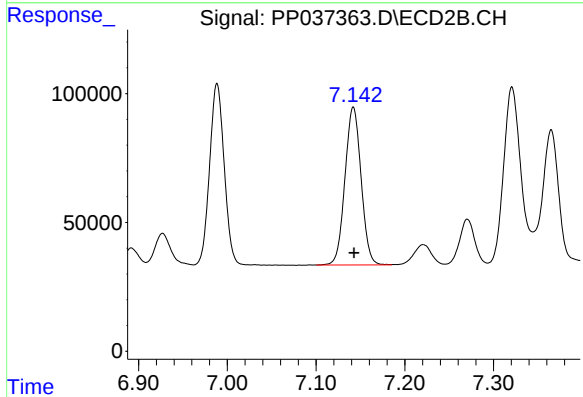
R.T.: 6.988 min
Delta R.T.: 0.000 min
Response: 809292
Conc: 481.74 ng/ml



#33 AR-1260-3

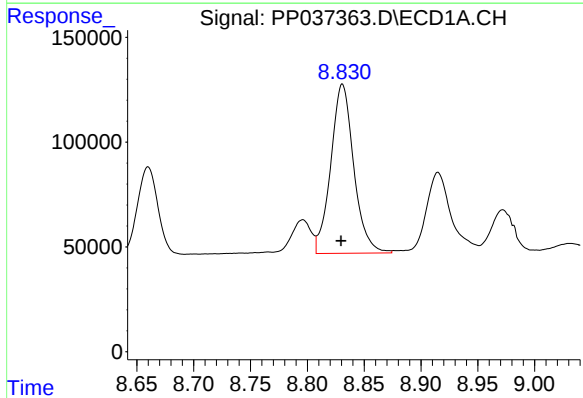
R.T.: 8.601 min
Delta R.T.: 0.002 min
Response: 958612
Conc: 474.28 ng/ml

Instrument :
ECD_P
ClientSampleId :



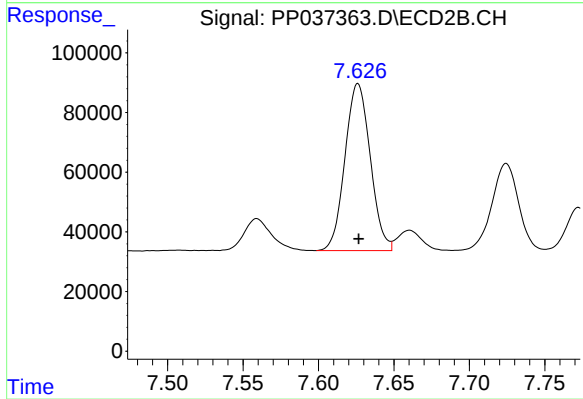
#33 AR-1260-3

R.T.: 7.142 min
Delta R.T.: 0.000 min
Response: 773420
Conc: 451.39 ng/ml



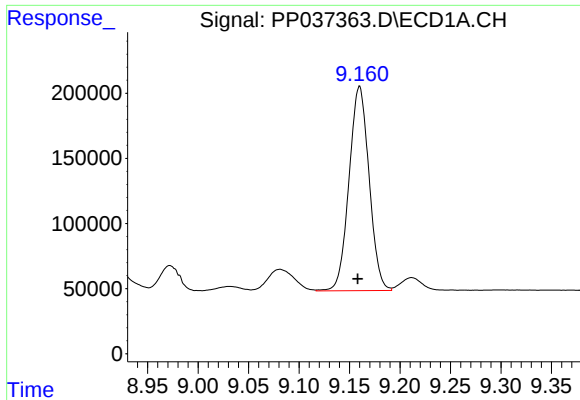
#34 AR-1260-4

R.T.: 8.831 min
Delta R.T.: 0.001 min
Response: 1138761
Conc: 462.95 ng/ml



#34 AR-1260-4

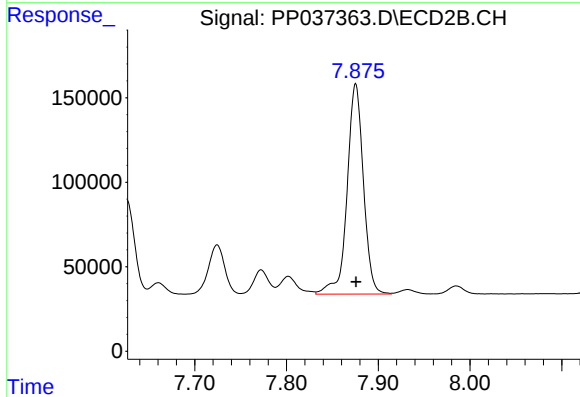
R.T.: 7.626 min
Delta R.T.: 0.000 min
Response: 653173
Conc: 480.44 ng/ml



#35 AR-1260-5

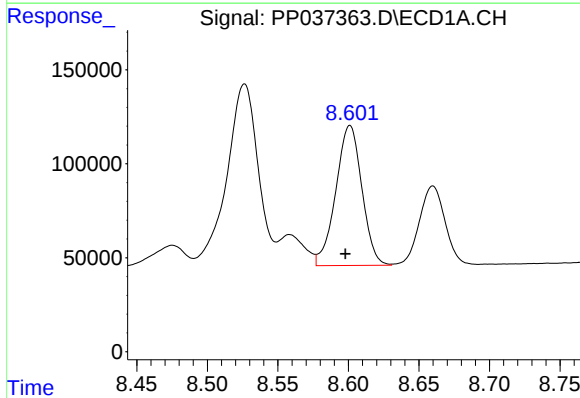
R.T.: 9.160 min
Delta R.T.: 0.002 min
Response: 2168717
Conc: 469.99 ng/ml

Instrument :
ECD_P
ClientSampleId :



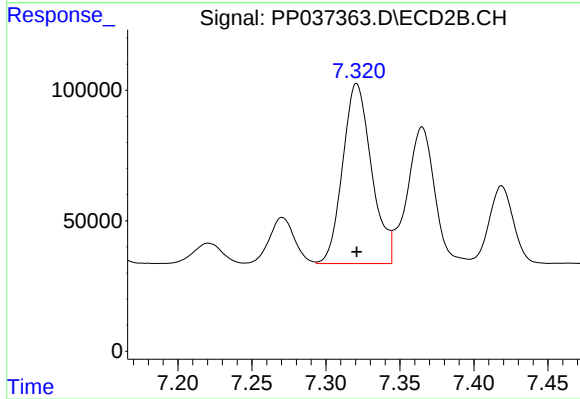
#35 AR-1260-5

R.T.: 7.875 min
Delta R.T.: 0.000 min
Response: 1536109
Conc: 476.25 ng/ml



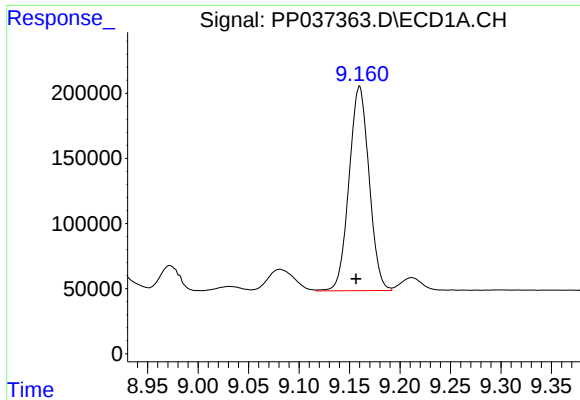
#36 AR-1262-1

R.T.: 8.601 min
Delta R.T.: 0.003 min
Response: 958612
Conc: 329.14 ng/ml



#36 AR-1262-1

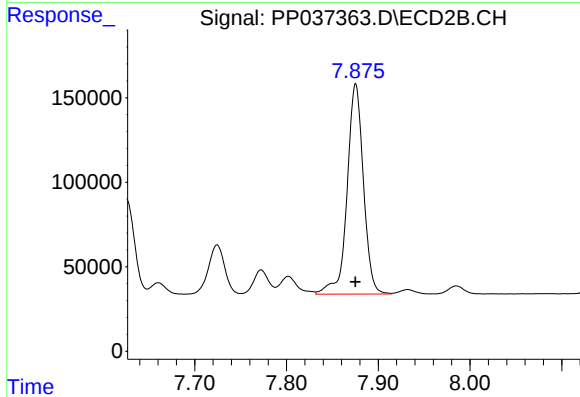
R.T.: 7.321 min
Delta R.T.: 0.000 min
Response: 937773
Conc: 903.10 ng/ml



#37 AR-1262-2

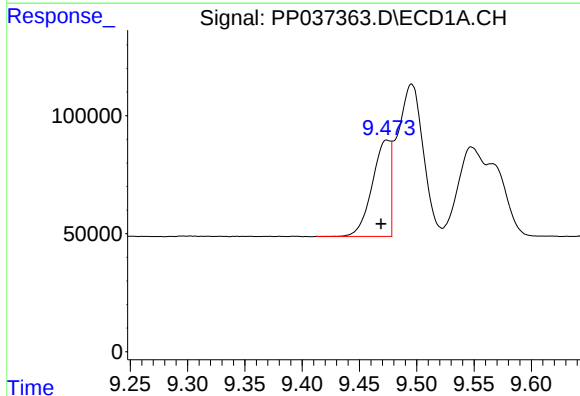
R.T.: 9.160 min
Delta R.T.: 0.003 min
Response: 2168717
Conc: 412.95 ng/ml

Instrument :
ECD_P
ClientSampleId :



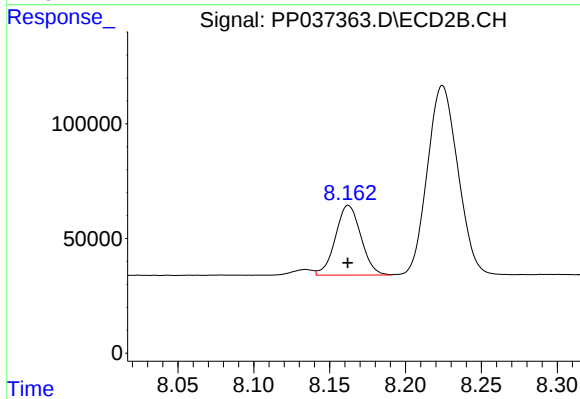
#37 AR-1262-2

R.T.: 7.875 min
Delta R.T.: 0.000 min
Response: 1536109
Conc: 441.58 ng/ml



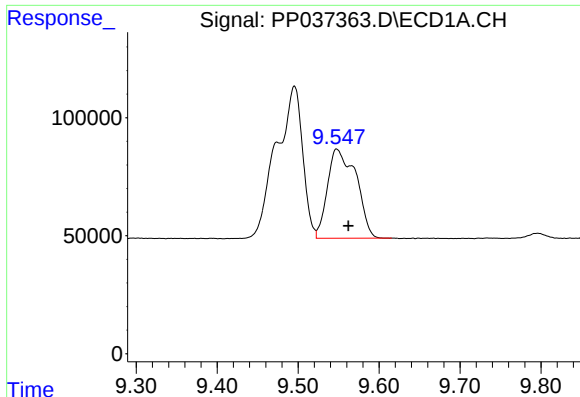
#38 AR-1262-3

R.T.: 9.474 min
Delta R.T.: 0.006 min
Response: 451094
Conc: 117.73 ng/ml



#38 AR-1262-3

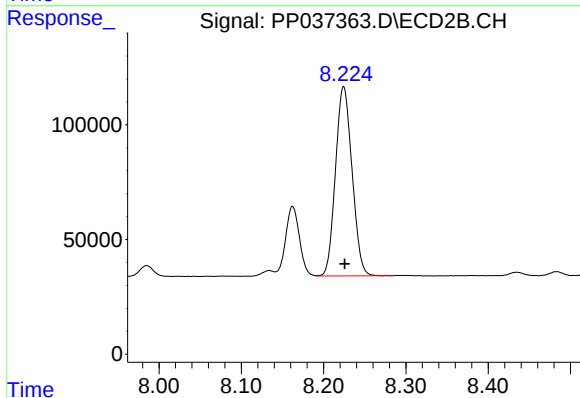
R.T.: 8.162 min
Delta R.T.: 0.000 min
Response: 355066
Conc: 252.19 ng/ml



#39 AR-1262-4

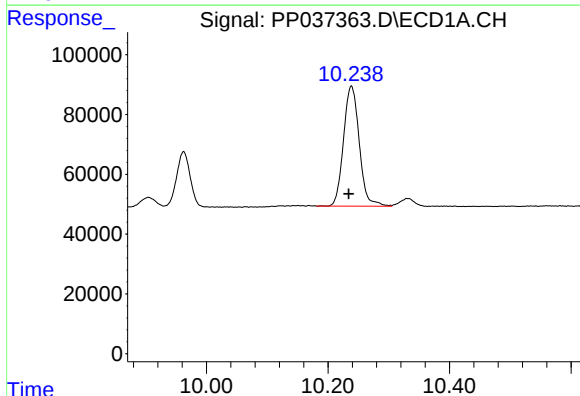
R.T.: 9.548 min
Delta R.T.: -0.014 min
Response: 929123
Conc: 316.20 ng/ml

Instrument :
ECD_P
ClientSampleId :



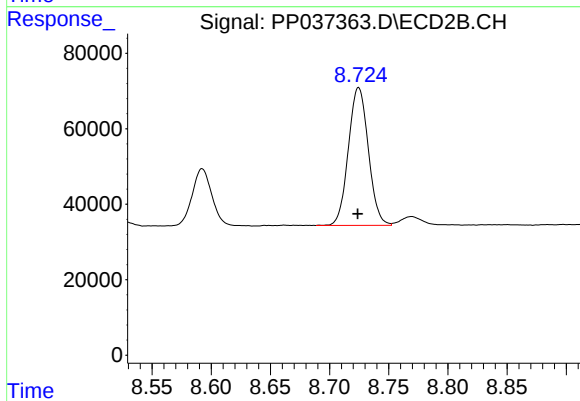
#39 AR-1262-4

R.T.: 8.224 min
Delta R.T.: -0.001 min
Response: 1155280
Conc: 433.83 ng/ml



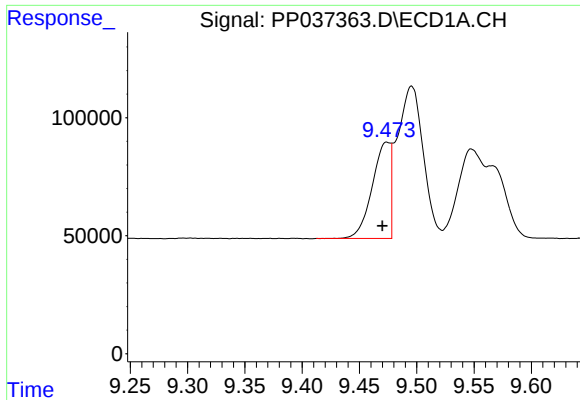
#40 AR-1262-5

R.T.: 10.239 min
Delta R.T.: 0.005 min
Response: 722586
Conc: 339.83 ng/ml



#40 AR-1262-5

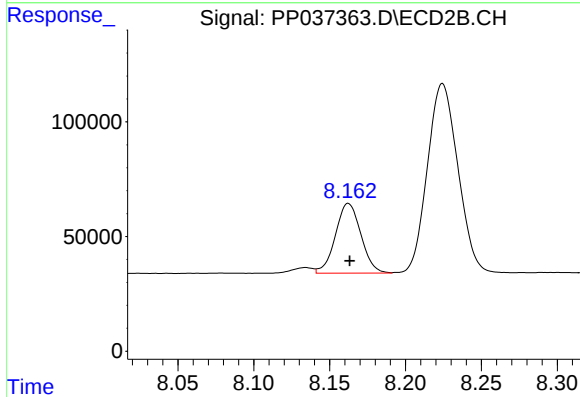
R.T.: 8.725 min
Delta R.T.: 0.000 min
Response: 428853
Conc: 339.28 ng/ml



#41 AR-1268-1

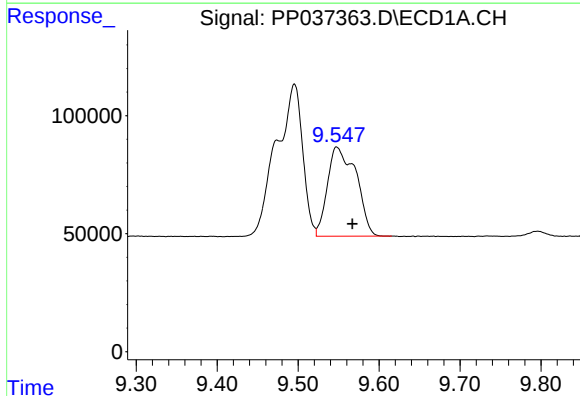
R.T.: 9.474 min
Delta R.T.: 0.004 min
Response: 451094
Conc: 74.28 ng/ml

Instrument :
ECD_P
ClientSampleId :



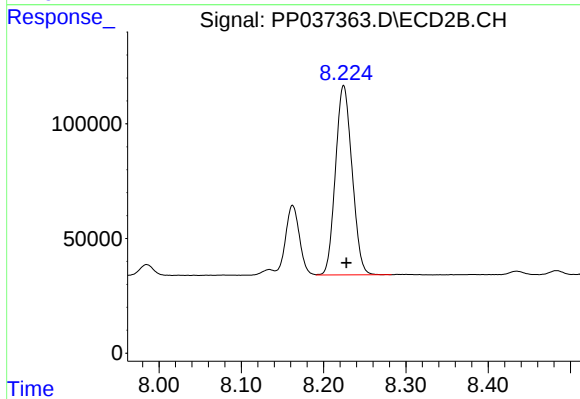
#41 AR-1268-1

R.T.: 8.162 min
Delta R.T.: 0.000 min
Response: 355066
Conc: 89.10 ng/ml



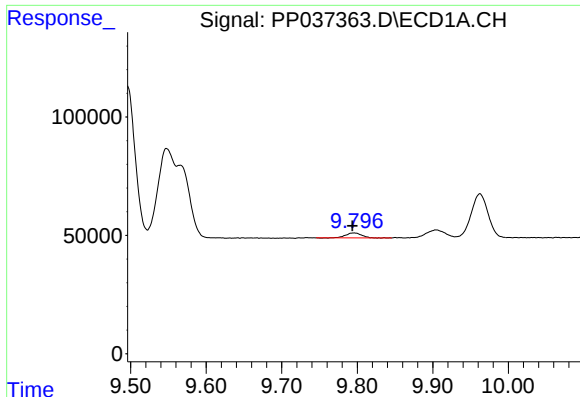
#42 AR-1268-2

R.T.: 9.548 min
Delta R.T.: -0.019 min
Response: 929123
Conc: 161.65 ng/ml



#42 AR-1268-2

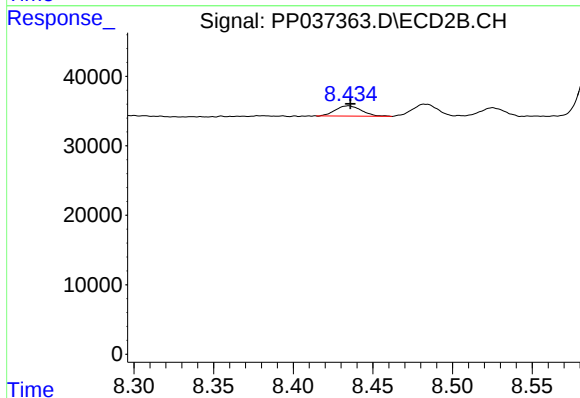
R.T.: 8.224 min
Delta R.T.: -0.003 min
Response: 1155280
Conc: 312.14 ng/ml



#43 AR-1268-3

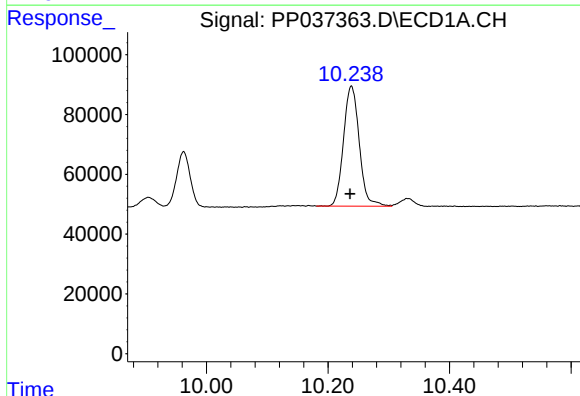
R.T.: 9.796 min
Delta R.T.: 0.002 min
Response: 30554
Conc: 6.23 ng/ml

Instrument :
ECD_P
ClientSampleId :



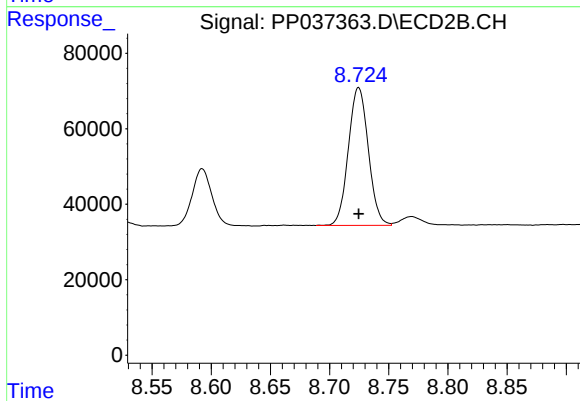
#43 AR-1268-3

R.T.: 8.435 min
Delta R.T.: -0.001 min
Response: 16952
Conc: 5.40 ng/ml



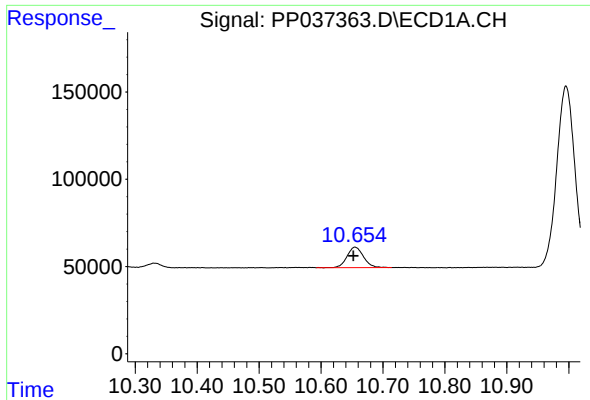
#44 AR-1268-4

R.T.: 10.239 min
Delta R.T.: 0.002 min
Response: 722586
Conc: 315.86 ng/ml



#44 AR-1268-4

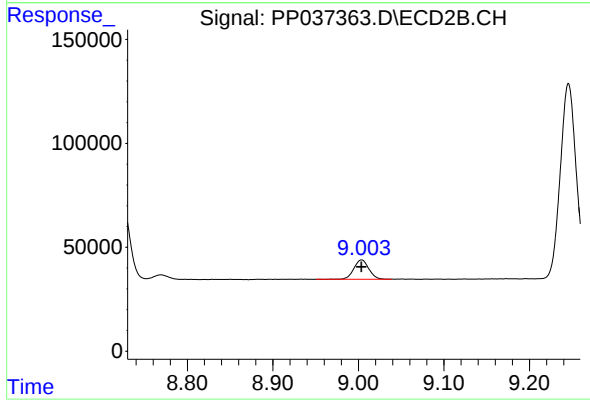
R.T.: 8.725 min
Delta R.T.: 0.000 min
Response: 428853
Conc: 312.92 ng/ml



#45 AR-1268-5

R.T.: 10.655 min
Delta R.T.: 0.002 min
Response: 217306
Conc: 13.72 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 9.004 min
Delta R.T.: 0.000 min
Response: 113167
Conc: 11.00 ng/ml