

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP090721\
 Data File : PP039221.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 08 Sep 2021 1:40
 Operator : AJ\MA
 Sample : M3658-05MSD
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 08 09:10:48 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP090221.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Sep 03 04:15:14 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...	4.871	3.857	769173	412749	20.077	17.208
2)	SA Decachlor...	10.836	9.106	973786	580540	29.584	26.527
Target Compounds							
3)	L1 AR-1016-1	6.189	5.098	633333	337673	496.851	467.729
4)	L1 AR-1016-2	6.213	5.117	895897	486540	442.119	414.276
5)	L1 AR-1016-3	6.278	5.306	563623	256451	435.583	430.505
6)	L1 AR-1016-4	6.385	5.361	465134	209292	461.033	433.374
7)	L1 AR-1016-5	6.699	5.586	461294	253024	477.829	405.838
8)	L2 AR-1221-1	5.118	4.108	88771	36347	183.968	126.903 #
9)	L2 AR-1221-2	5.220	4.208	81103	41522	218.394	192.826
10)	L2 AR-1221-3	5.307	4.295	386789	209803	347.027	295.661
11)	L3 AR-1232-1	5.307	4.295	386789	209803	450.829	395.525
12)	L3 AR-1232-2	5.894	5.117	457875	486540	927.527	913.210
13)	L3 AR-1232-3	6.213	5.306	895897	256451	954.005	983.204
14)	L3 AR-1232-4	6.385	5.405	465134	245968	990.188	1087.183
15)	L3 AR-1232-5	6.483	5.586	377129	253024	1139.095	961.078
16)	L4 AR-1242-1	6.189	5.098	633333	337673	646.662	616.641
17)	L4 AR-1242-2	6.213	5.117	895897	486540	579.985	559.852
18)	L4 AR-1242-3	6.278	5.306	563623	256451	571.807	574.524
19)	L4 AR-1242-4	6.385	5.405	465134	245968	604.274	559.793
20)	L4 AR-1242-5	7.168	5.964	84175	323215	103.157	591.670 #
21)	L5 AR-1248-1	6.189	5.098	633333	337673	826.129	801.818
22)	L5 AR-1248-2	6.483	5.361	377129	209292	353.467	312.341
23)	L5 AR-1248-3	6.699	5.405	461294	245968	360.879	368.349
24)	L5 AR-1248-4	7.128	5.586	139713	253024	104.040	317.578 #
25)	L5 AR-1248-5	7.168	6.006	84175	36220	59.979	52.000
26)	L6 AR-1254-1	7.097	5.964	671873	323215	440.638	256.977 #
27)	L6 AR-1254-2	7.325	6.124	680119	342542	289.249	296.498
28)	L6 AR-1254-3	7.708	6.559f	472094	691373	192.889	390.250 #
29)	L6 AR-1254-4	8.002	6.780	299121	84168	180.214	92.104 #
30)	L6 AR-1254-5	8.432	7.207	2690267	2619727	1348.936	1583.976
31)	L7 AR-1260-1	7.874	6.677	1654120	970878	962.674	806.904
32)	L7 AR-1260-2	8.139	6.876	2275572	1232520	1145.553	881.388
33)	L7 AR-1260-3	8.504	7.027	1571857	1171236	1164.511	857.681 #
34)	L7 AR-1260-4	8.735	7.509	1887760	971408	1171.137	999.387
35)	L7 AR-1260-5	9.056	7.759	3877555	2531173	1399.816	1225.448
36)	L8 AR-1262-1	8.504	7.207	1571857	2619727	705.655	3448.521 #
37)	L8 AR-1262-2	9.056	7.759	3877555	2531173	1047.251	982.861
38)	L8 AR-1262-3	9.362	8.042	790968	481629	427.004	422.823
39)	L8 AR-1262-4	9.435f	8.105	1646696	1977219	1278.419	965.649
40)	L8 AR-1262-5	10.107	8.604	1147020	698505	846.169	788.143
41)	L9 AR-1268-1	9.362	8.042	790968	481629	161.242	142.637

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 Operator : AJ\MA
 Sample : M3658-05MSD
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

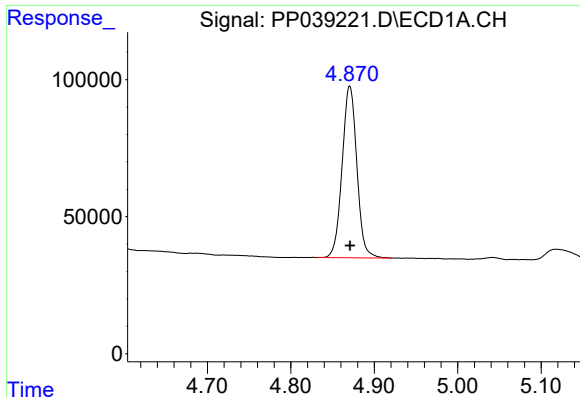
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 08 09:10:48 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP090221.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	9.435f	8.105	1646696	1977219	353.593	624.718 #
43) L9	AR-1268-3	9.674	8.311	68618	45410	16.928	16.928
44) L9	AR-1268-4	10.107	8.604	1147020	698505	697.599	653.360
45) L9	AR-1268-5	10.511	8.876	369015	220926	29.106	25.813

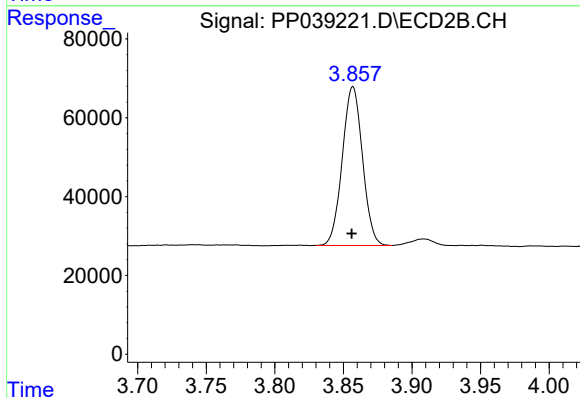
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

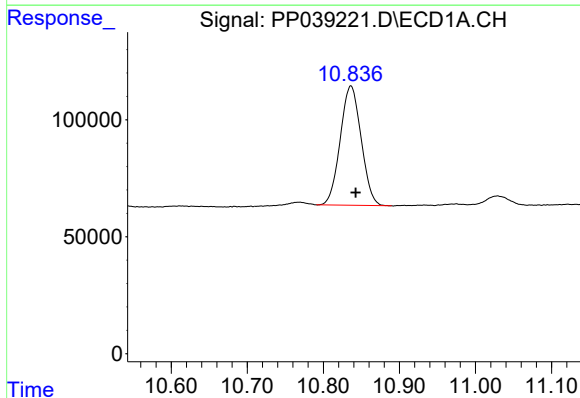
R.T.: 4.871 min
Delta R.T.: 0.000 min
Response: 769173
Conc: 20.08 ng/ml

Instrument :
ECD_P
ClientSampleId :



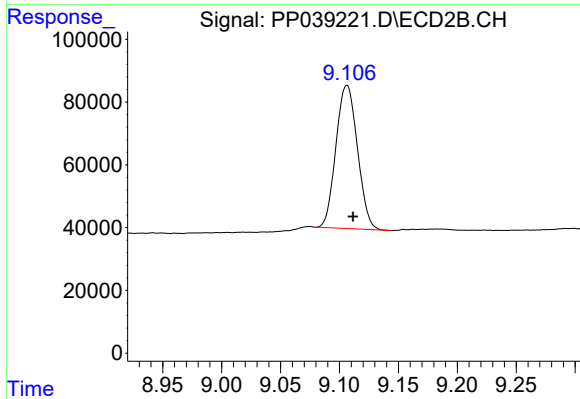
#1 Tetrachloro-m-xylene

R.T.: 3.857 min
Delta R.T.: 0.000 min
Response: 412749
Conc: 17.21 ng/ml



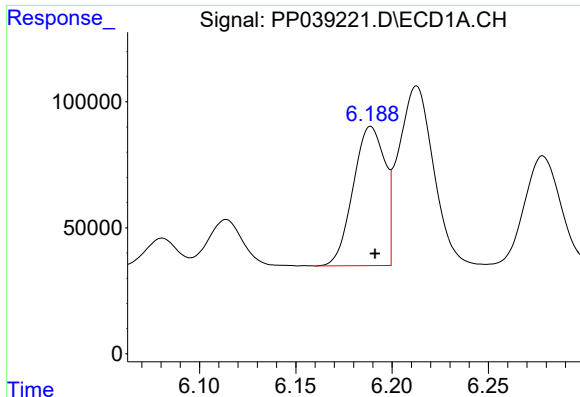
#2 Decachlorobiphenyl

R.T.: 10.836 min
Delta R.T.: -0.006 min
Response: 973786
Conc: 29.58 ng/ml



#2 Decachlorobiphenyl

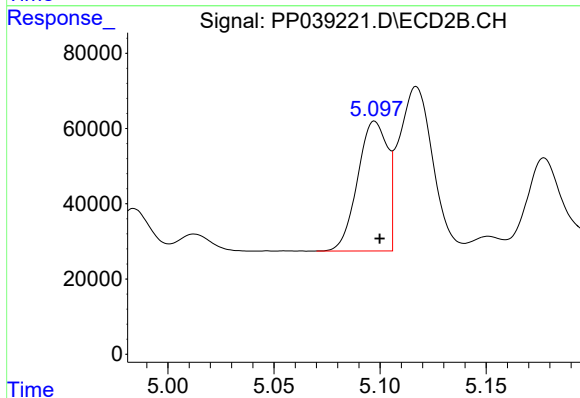
R.T.: 9.106 min
Delta R.T.: -0.005 min
Response: 580540
Conc: 26.53 ng/ml



#3 AR-1016-1

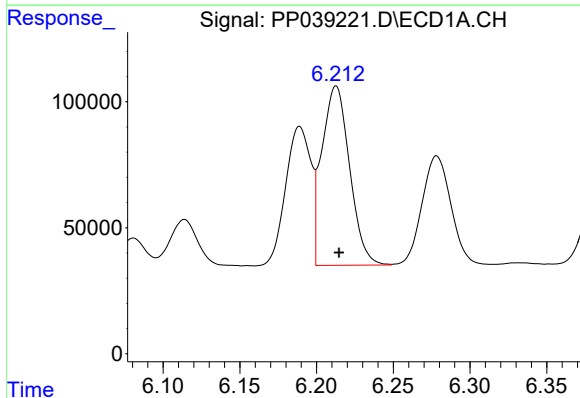
R.T.: 6.189 min
Delta R.T.: -0.002 min
Response: 633333
Conc: 496.85 ng/ml

Instrument :
ECD_P
ClientSampleId :



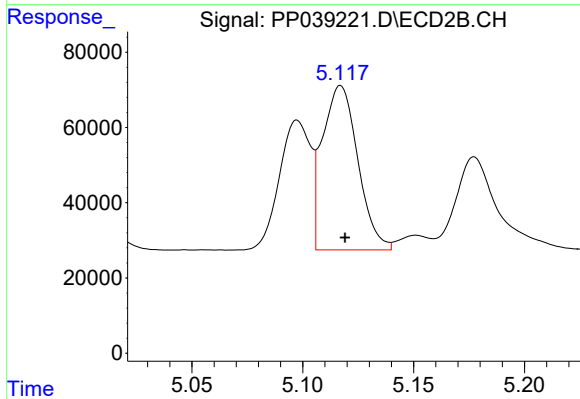
#3 AR-1016-1

R.T.: 5.098 min
Delta R.T.: -0.002 min
Response: 337673
Conc: 467.73 ng/ml



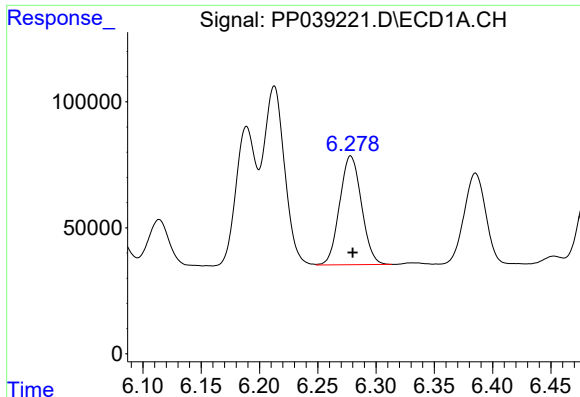
#4 AR-1016-2

R.T.: 6.213 min
Delta R.T.: -0.002 min
Response: 895897
Conc: 442.12 ng/ml



#4 AR-1016-2

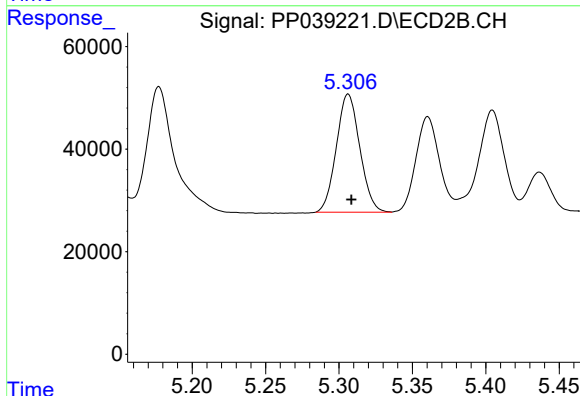
R.T.: 5.117 min
Delta R.T.: -0.002 min
Response: 486540
Conc: 414.28 ng/ml



#5 AR-1016-3

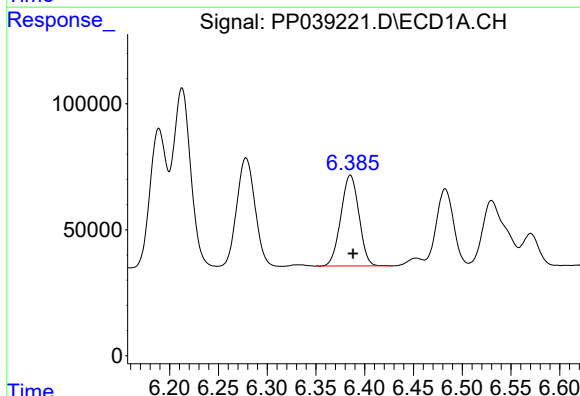
R.T.: 6.278 min
Delta R.T.: -0.002 min
Response: 563623
Conc: 435.58 ng/ml

Instrument :
ECD_P
ClientSampleId :



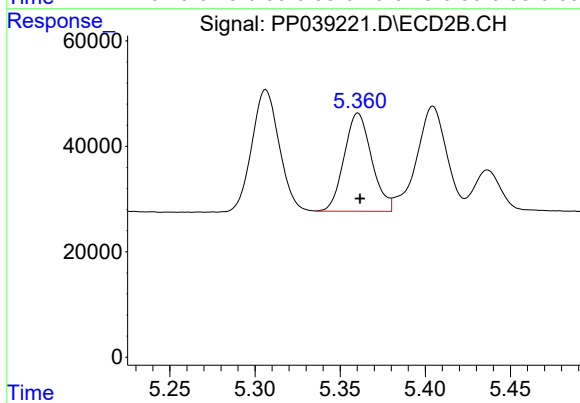
#5 AR-1016-3

R.T.: 5.306 min
Delta R.T.: -0.002 min
Response: 256451
Conc: 430.51 ng/ml



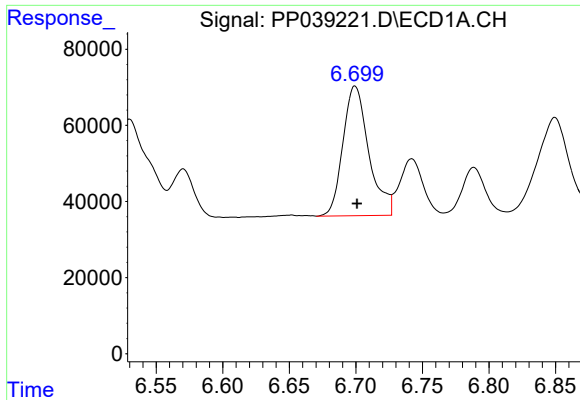
#6 AR-1016-4

R.T.: 6.385 min
Delta R.T.: -0.003 min
Response: 465134
Conc: 461.03 ng/ml



#6 AR-1016-4

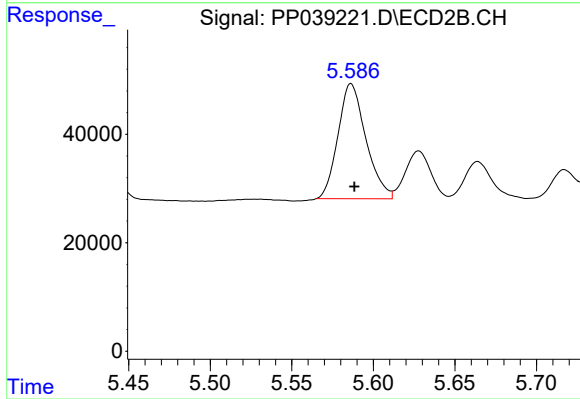
R.T.: 5.361 min
Delta R.T.: -0.001 min
Response: 209292
Conc: 433.37 ng/ml



#7 AR-1016-5

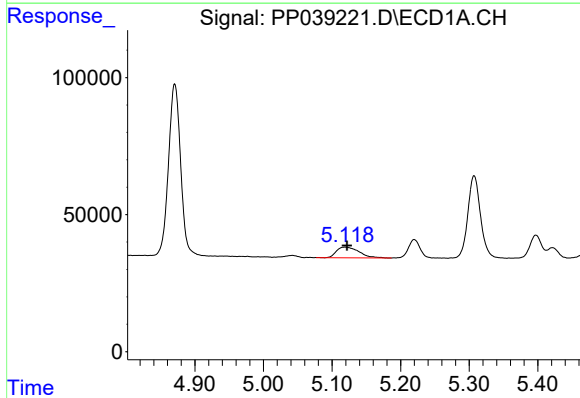
R.T.: 6.699 min
Delta R.T.: -0.002 min
Response: 461294
Conc: 477.83 ng/ml

Instrument :
ECD_P
ClientSampleId :



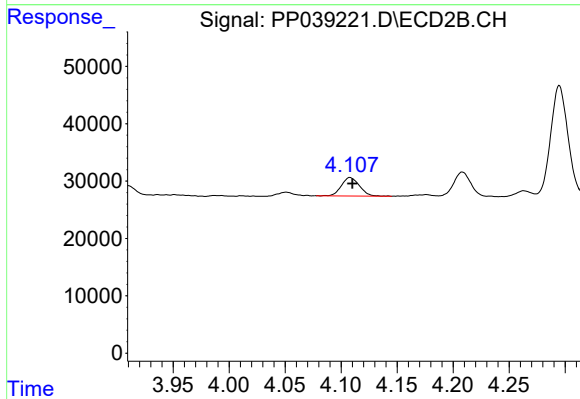
#7 AR-1016-5

R.T.: 5.586 min
Delta R.T.: -0.002 min
Response: 253024
Conc: 405.84 ng/ml



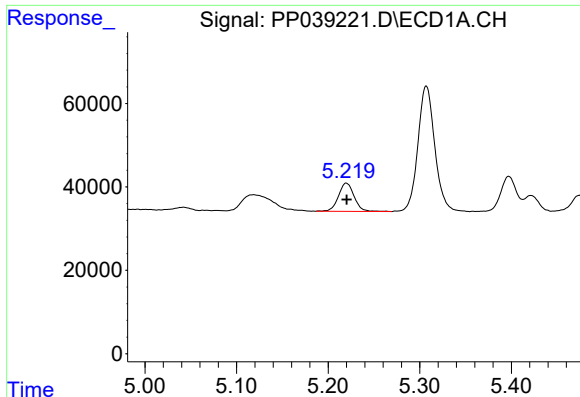
#8 AR-1221-1

R.T.: 5.118 min
Delta R.T.: -0.004 min
Response: 88771
Conc: 183.97 ng/ml



#8 AR-1221-1

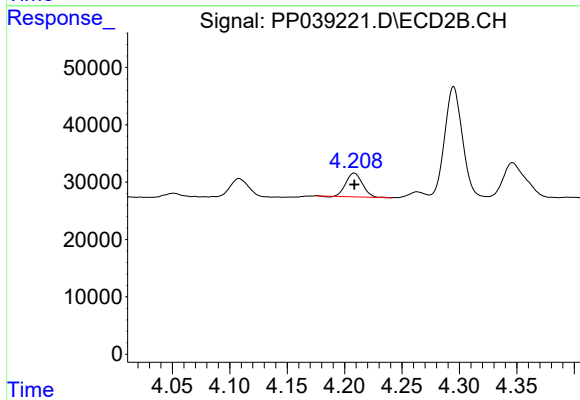
R.T.: 4.108 min
Delta R.T.: -0.002 min
Response: 36347
Conc: 126.90 ng/ml



#9 AR-1221-2

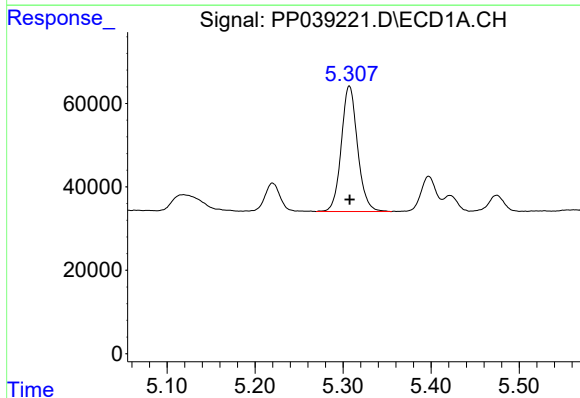
R.T.: 5.220 min
Delta R.T.: 0.000 min
Response: 81103
Conc: 218.39 ng/ml

Instrument :
ECD_P
ClientSampleId :



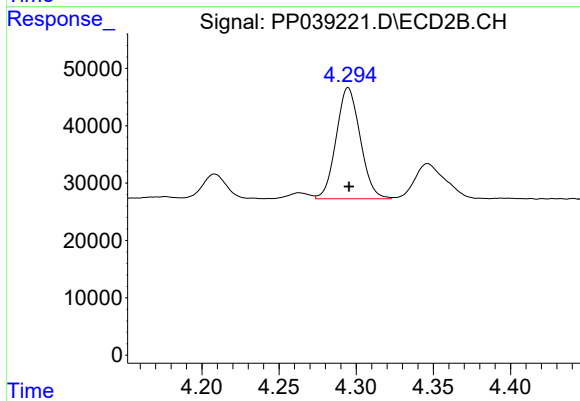
#9 AR-1221-2

R.T.: 4.208 min
Delta R.T.: 0.000 min
Response: 41522
Conc: 192.83 ng/ml



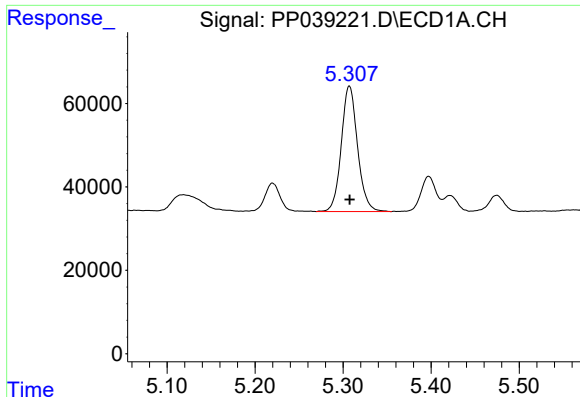
#10 AR-1221-3

R.T.: 5.307 min
Delta R.T.: 0.000 min
Response: 386789
Conc: 347.03 ng/ml



#10 AR-1221-3

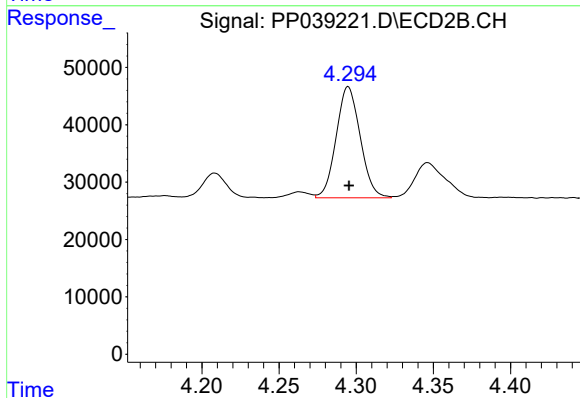
R.T.: 4.295 min
Delta R.T.: 0.000 min
Response: 209803
Conc: 295.66 ng/ml



#11 AR-1232-1

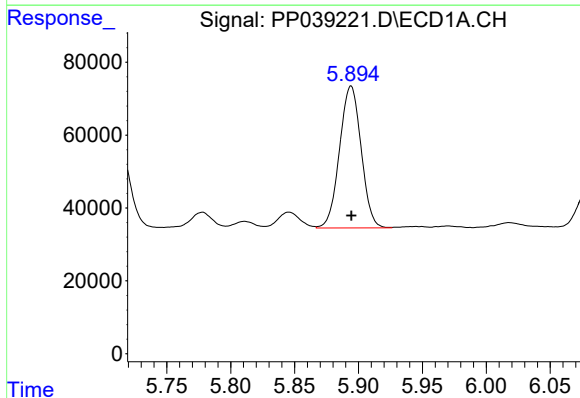
R.T.: 5.307 min
Delta R.T.: 0.000 min
Response: 386789
Conc: 450.83 ng/ml

Instrument :
ECD_P
ClientSampleId :



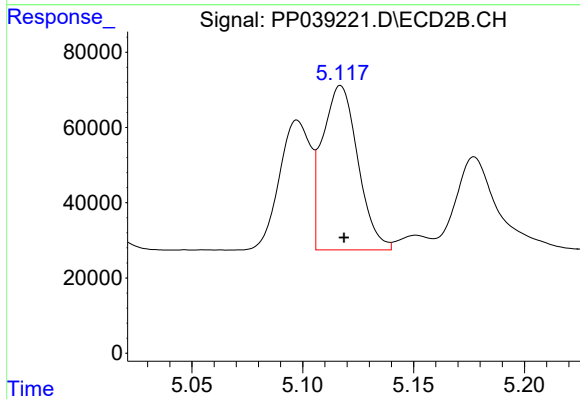
#11 AR-1232-1

R.T.: 4.295 min
Delta R.T.: 0.000 min
Response: 209803
Conc: 395.52 ng/ml



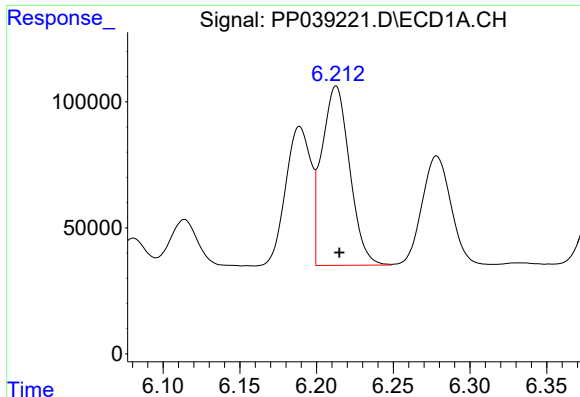
#12 AR-1232-2

R.T.: 5.894 min
Delta R.T.: 0.000 min
Response: 457875
Conc: 927.53 ng/ml



#12 AR-1232-2

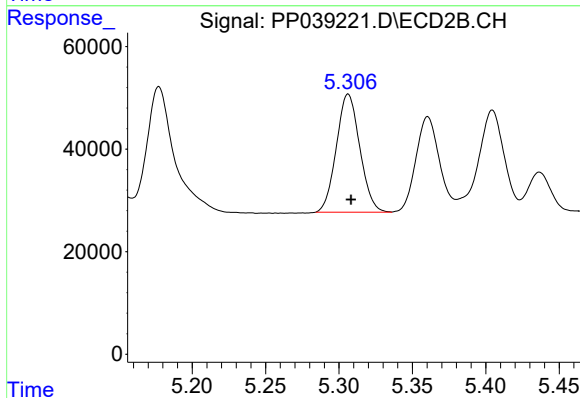
R.T.: 5.117 min
Delta R.T.: -0.002 min
Response: 486540
Conc: 913.21 ng/ml



#13 AR-1232-3

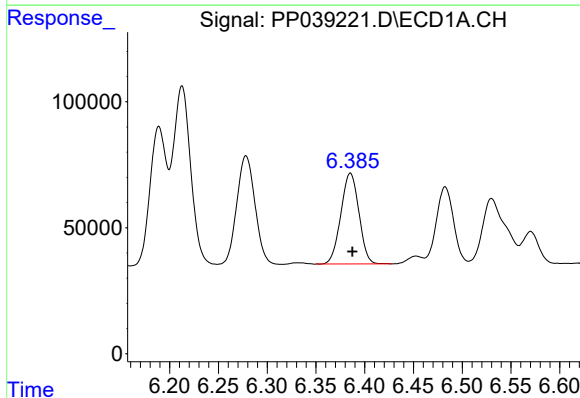
R.T.: 6.213 min
Delta R.T.: -0.002 min
Response: 895897
Conc: 954.01 ng/ml

Instrument :
ECD_P
ClientSampleId :



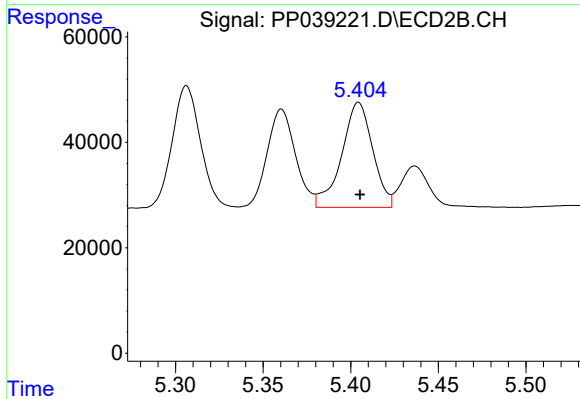
#13 AR-1232-3

R.T.: 5.306 min
Delta R.T.: -0.002 min
Response: 256451
Conc: 983.20 ng/ml



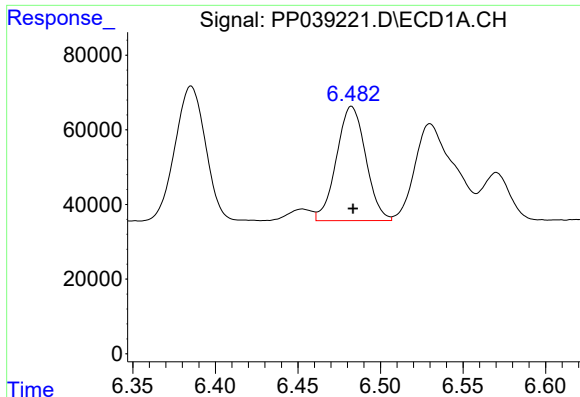
#14 AR-1232-4

R.T.: 6.385 min
Delta R.T.: -0.002 min
Response: 465134
Conc: 990.19 ng/ml



#14 AR-1232-4

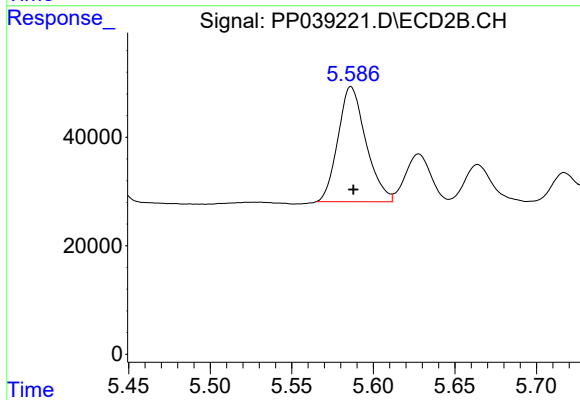
R.T.: 5.405 min
Delta R.T.: 0.000 min
Response: 245968
Conc: 1087.18 ng/ml



#15 AR-1232-5

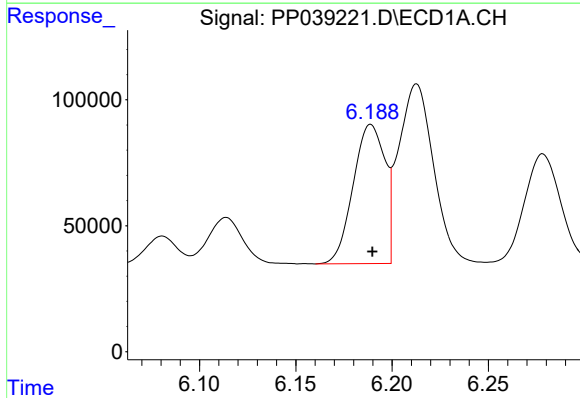
R.T.: 6.483 min
Delta R.T.: 0.000 min
Response: 377129
Conc: 1139.09 ng/ml

Instrument :
ECD_P
ClientSampleId :



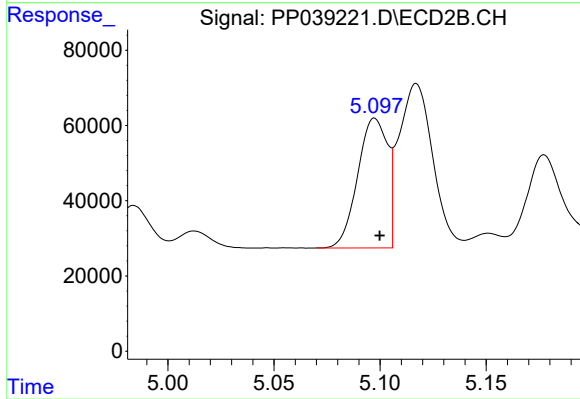
#15 AR-1232-5

R.T.: 5.586 min
Delta R.T.: -0.001 min
Response: 253024
Conc: 961.08 ng/ml



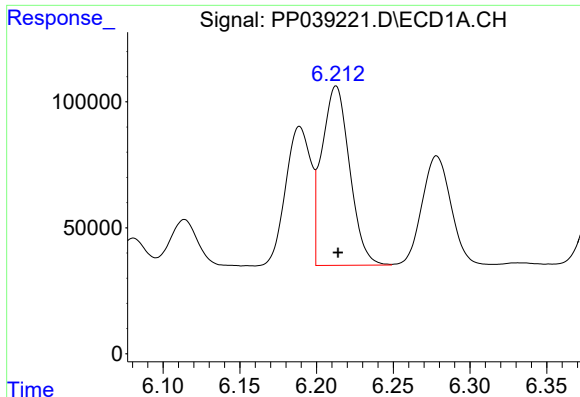
#16 AR-1242-1

R.T.: 6.189 min
Delta R.T.: 0.000 min
Response: 633333
Conc: 646.66 ng/ml



#16 AR-1242-1

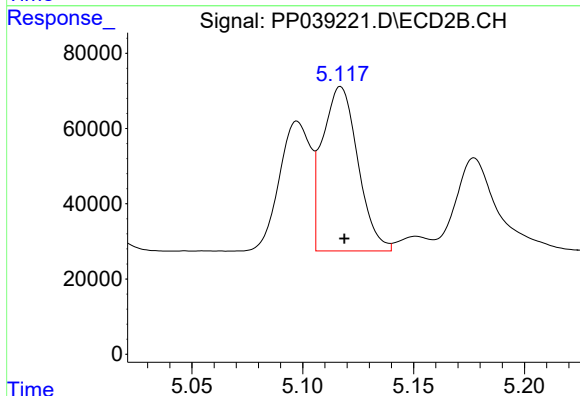
R.T.: 5.098 min
Delta R.T.: -0.002 min
Response: 337673
Conc: 616.64 ng/ml



#17 AR-1242-2

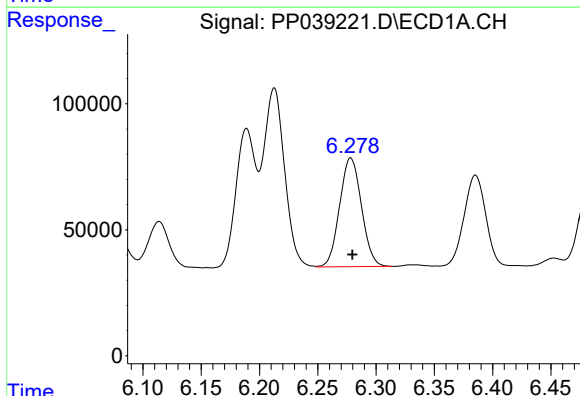
R.T.: 6.213 min
Delta R.T.: -0.001 min
Response: 895897
Conc: 579.98 ng/ml

Instrument :
ECD_P
ClientSampleId :



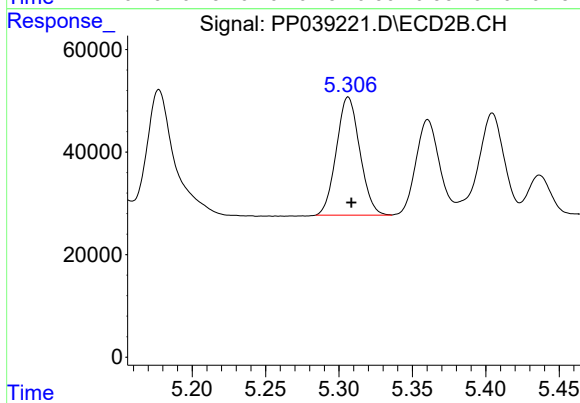
#17 AR-1242-2

R.T.: 5.117 min
Delta R.T.: -0.002 min
Response: 486540
Conc: 559.85 ng/ml



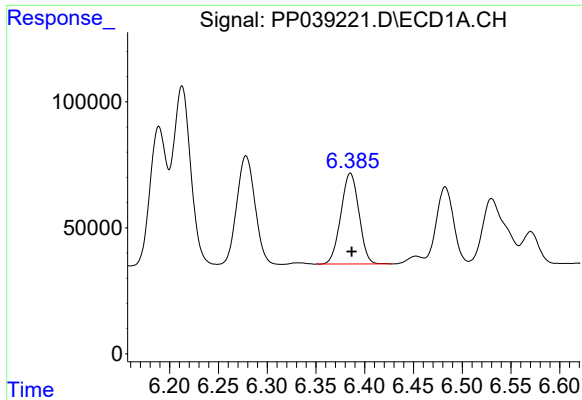
#18 AR-1242-3

R.T.: 6.278 min
Delta R.T.: -0.001 min
Response: 563623
Conc: 571.81 ng/ml



#18 AR-1242-3

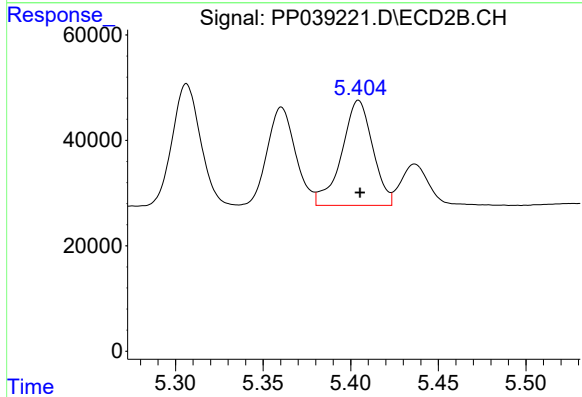
R.T.: 5.306 min
Delta R.T.: -0.002 min
Response: 256451
Conc: 574.52 ng/ml



#19 AR-1242-4

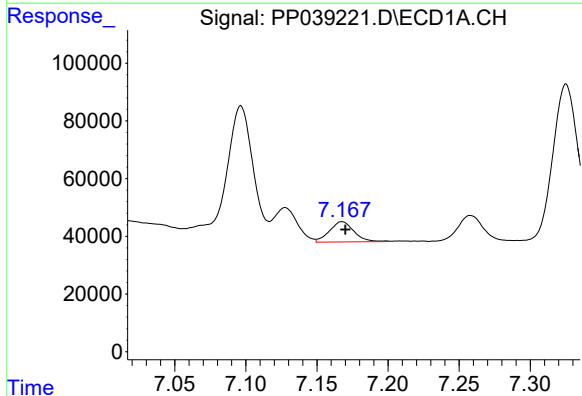
R.T.: 6.385 min
Delta R.T.: -0.001 min
Response: 465134
Conc: 604.27 ng/ml

Instrument :
ECD_P
ClientSampleId :



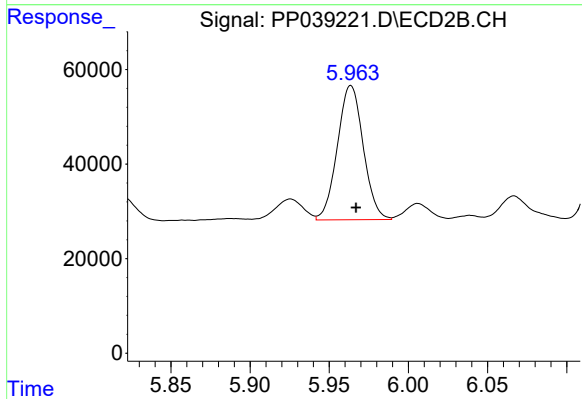
#19 AR-1242-4

R.T.: 5.405 min
Delta R.T.: 0.000 min
Response: 245968
Conc: 559.79 ng/ml



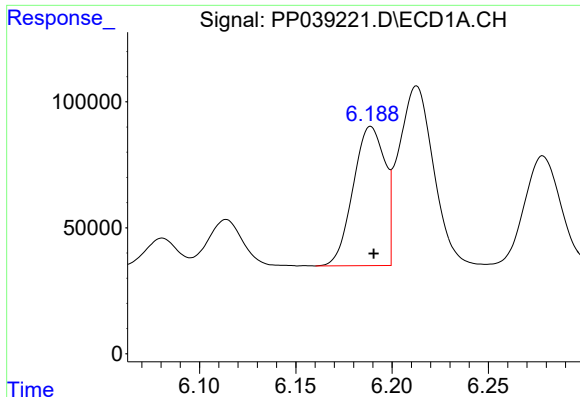
#20 AR-1242-5

R.T.: 7.168 min
Delta R.T.: -0.002 min
Response: 84175
Conc: 103.16 ng/ml



#20 AR-1242-5

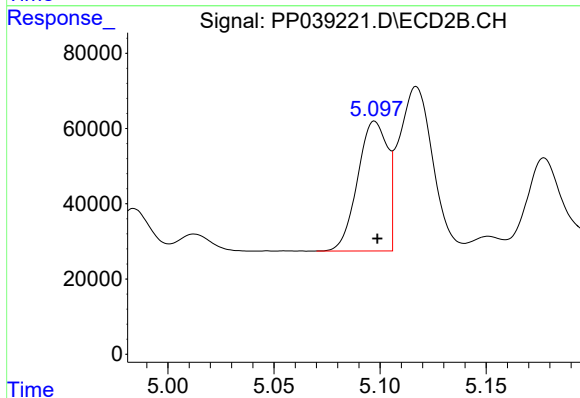
R.T.: 5.964 min
Delta R.T.: -0.003 min
Response: 323215
Conc: 591.67 ng/ml



#21 AR-1248-1

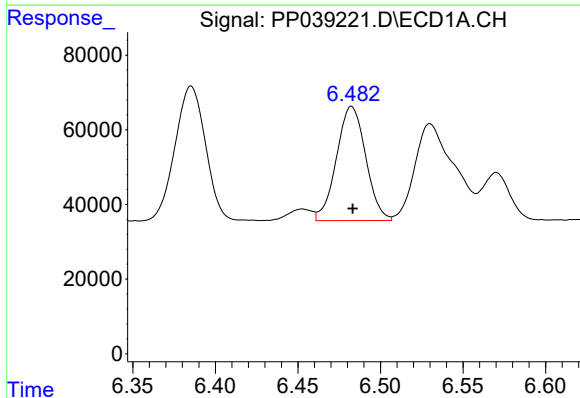
R.T.: 6.189 min
Delta R.T.: -0.002 min
Response: 633333
Conc: 826.13 ng/ml

Instrument :
ECD_P
ClientSampleId :



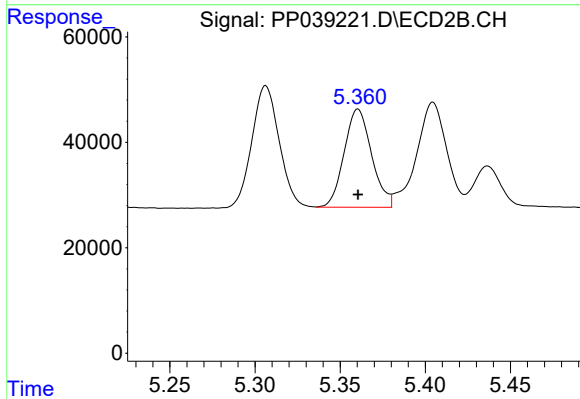
#21 AR-1248-1

R.T.: 5.098 min
Delta R.T.: -0.001 min
Response: 337673
Conc: 801.82 ng/ml



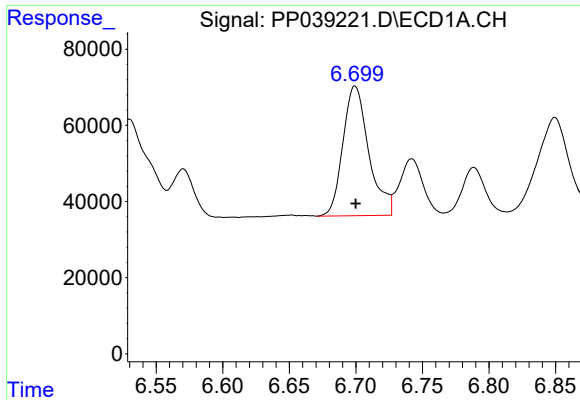
#22 AR-1248-2

R.T.: 6.483 min
Delta R.T.: 0.000 min
Response: 377129
Conc: 353.47 ng/ml



#22 AR-1248-2

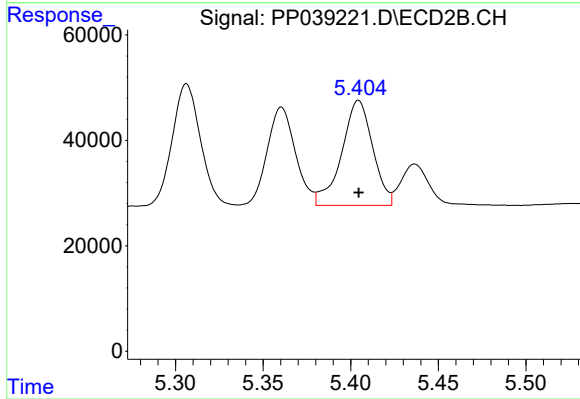
R.T.: 5.361 min
Delta R.T.: 0.000 min
Response: 209292
Conc: 312.34 ng/ml



#23 AR-1248-3

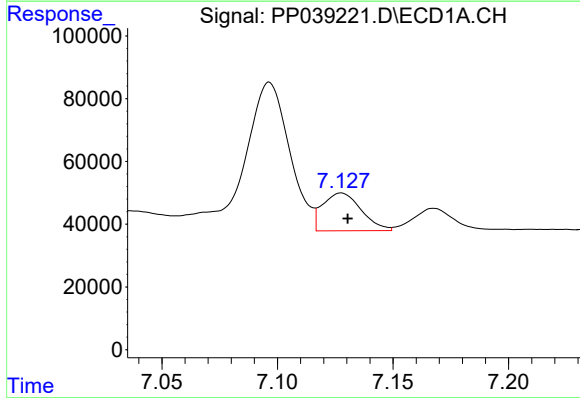
R.T.: 6.699 min
Delta R.T.: 0.000 min
Response: 461294
Conc: 360.88 ng/ml

Instrument :
ECD_P
ClientSampleId :



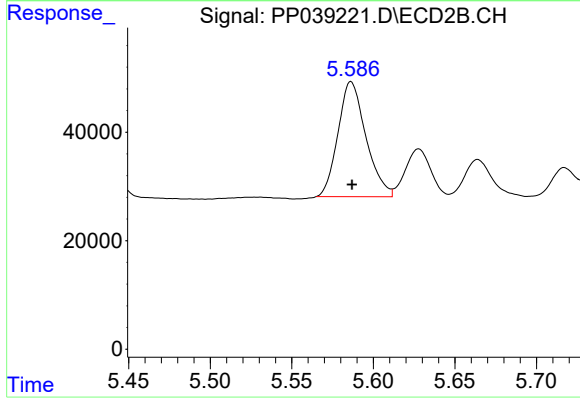
#23 AR-1248-3

R.T.: 5.405 min
Delta R.T.: 0.000 min
Response: 245968
Conc: 368.35 ng/ml



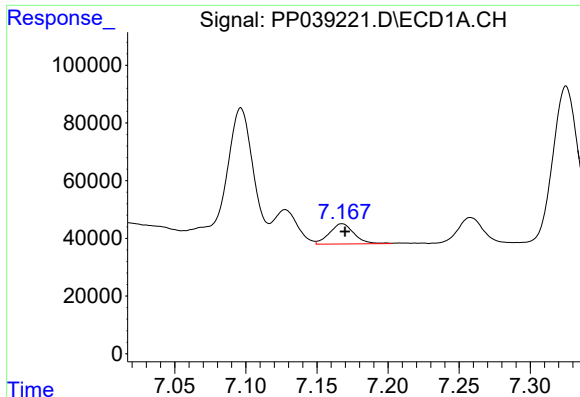
#24 AR-1248-4

R.T.: 7.128 min
Delta R.T.: -0.003 min
Response: 139713
Conc: 104.04 ng/ml



#24 AR-1248-4

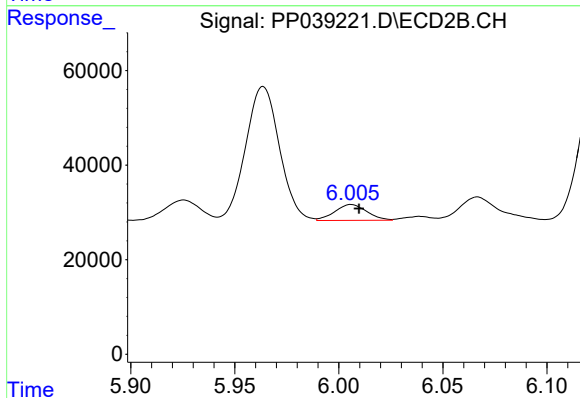
R.T.: 5.586 min
Delta R.T.: 0.000 min
Response: 253024
Conc: 317.58 ng/ml



#25 AR-1248-5

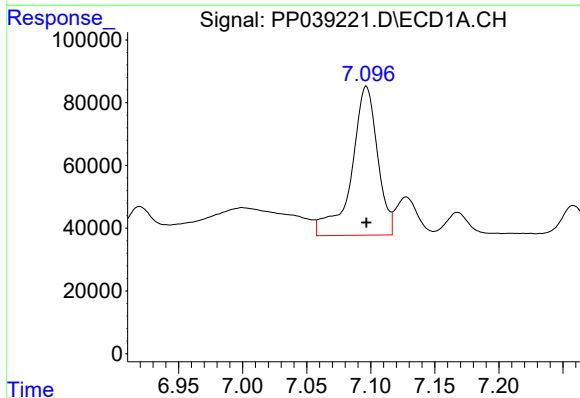
R.T.: 7.168 min
Delta R.T.: -0.002 min
Response: 84175
Conc: 59.98 ng/ml

Instrument :
ECD_P
ClientSampleId :



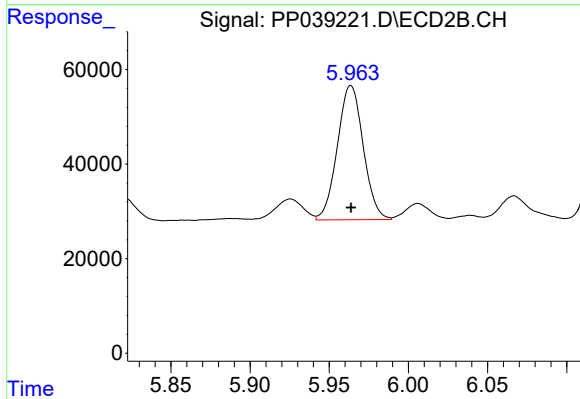
#25 AR-1248-5

R.T.: 6.006 min
Delta R.T.: -0.004 min
Response: 36220
Conc: 52.00 ng/ml



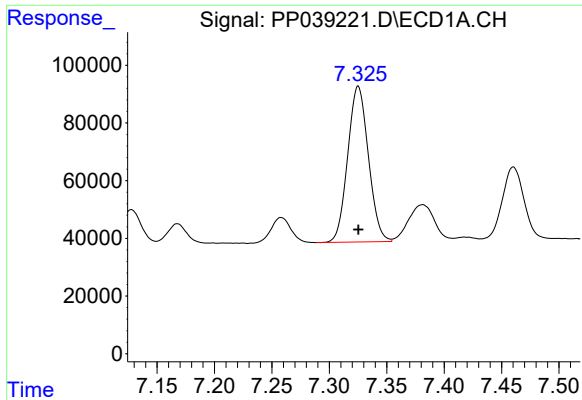
#26 AR-1254-1

R.T.: 7.097 min
Delta R.T.: 0.000 min
Response: 671873
Conc: 440.64 ng/ml



#26 AR-1254-1

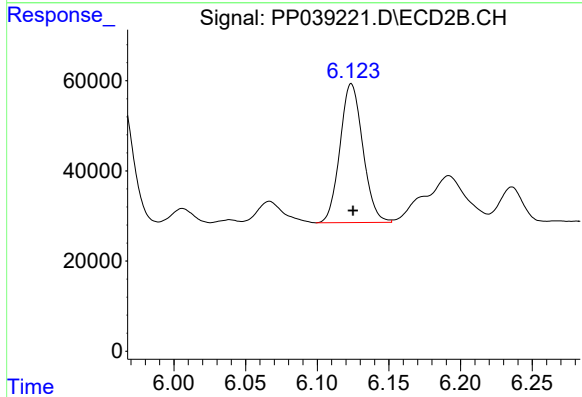
R.T.: 5.964 min
Delta R.T.: 0.000 min
Response: 323215
Conc: 256.98 ng/ml



#27 AR-1254-2

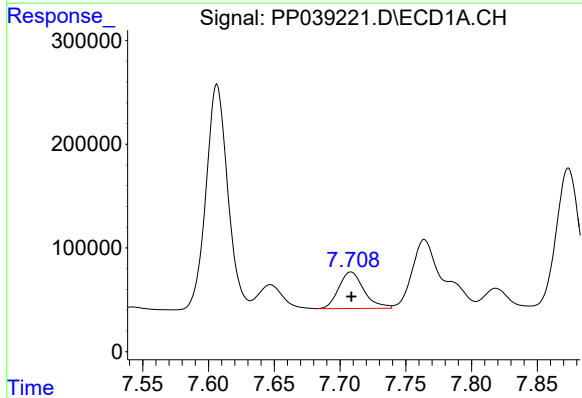
R.T.: 7.325 min
Delta R.T.: 0.000 min
Response: 680119
Conc: 289.25 ng/ml

Instrument :
ECD_P
ClientSampleId :



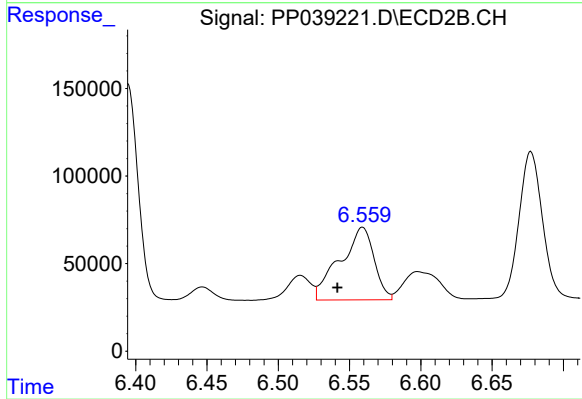
#27 AR-1254-2

R.T.: 6.124 min
Delta R.T.: -0.001 min
Response: 342542
Conc: 296.50 ng/ml



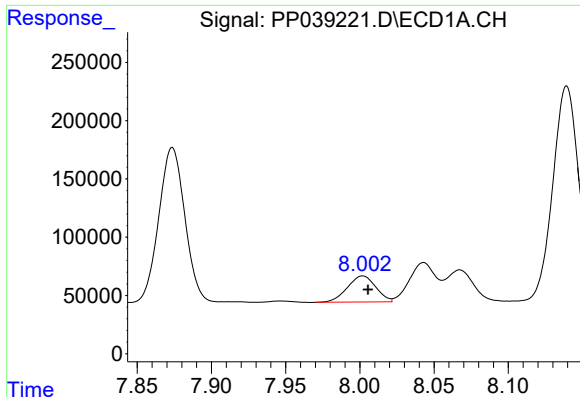
#28 AR-1254-3

R.T.: 7.708 min
Delta R.T.: 0.000 min
Response: 472094
Conc: 192.89 ng/ml



#28 AR-1254-3

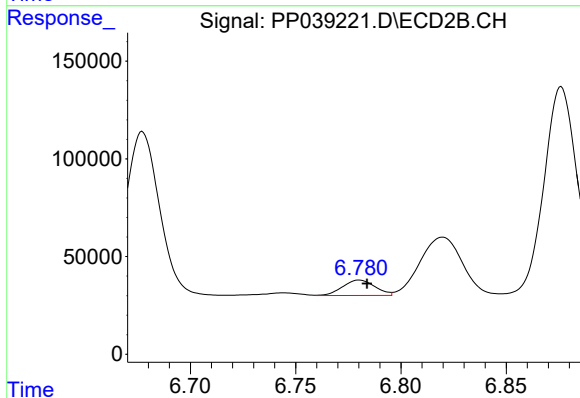
R.T.: 6.559 min
Delta R.T.: 0.018 min
Response: 691373
Conc: 390.25 ng/ml



#29 AR-1254-4

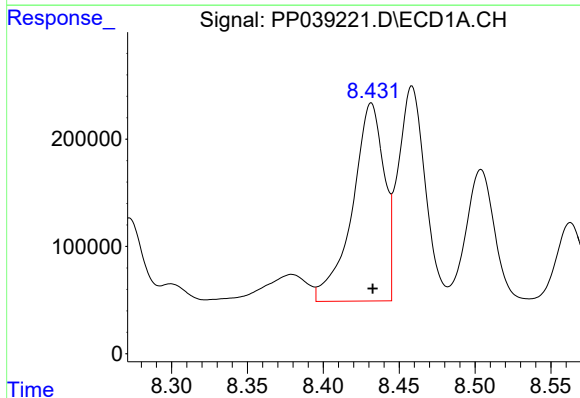
R.T.: 8.002 min
Delta R.T.: -0.004 min
Response: 299121
Conc: 180.21 ng/ml

Instrument :
ECD_P
ClientSampleId :



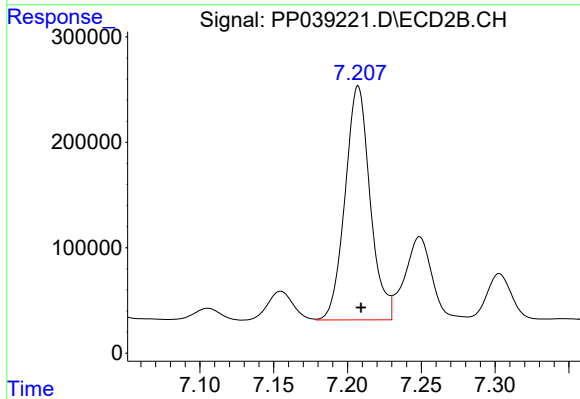
#29 AR-1254-4

R.T.: 6.780 min
Delta R.T.: -0.004 min
Response: 84168
Conc: 92.10 ng/ml



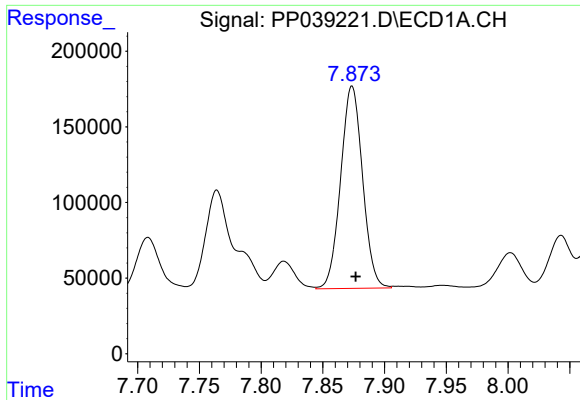
#30 AR-1254-5

R.T.: 8.432 min
Delta R.T.: -0.001 min
Response: 2690267
Conc: 1348.94 ng/ml



#30 AR-1254-5

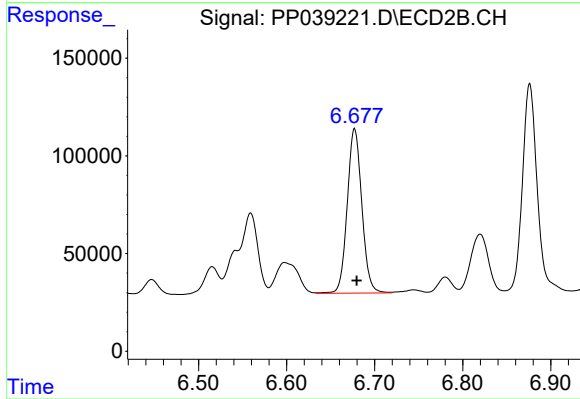
R.T.: 7.207 min
Delta R.T.: -0.002 min
Response: 2619727
Conc: 1583.98 ng/ml



#31 AR-1260-1

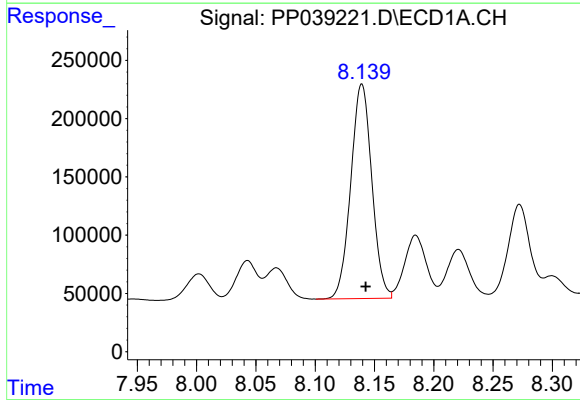
R.T.: 7.874 min
Delta R.T.: -0.003 min
Response: 1654120
Conc: 962.67 ng/ml

Instrument :
ECD_P
ClientSampleId :



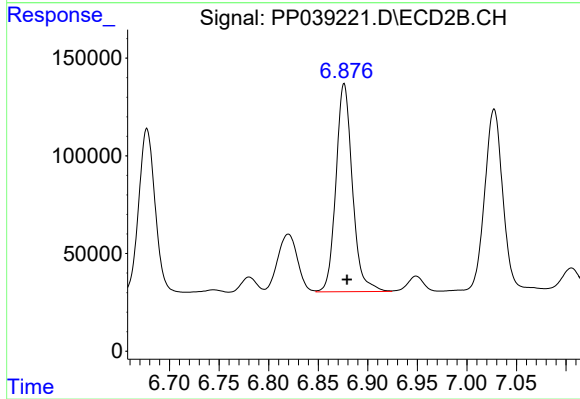
#31 AR-1260-1

R.T.: 6.677 min
Delta R.T.: -0.002 min
Response: 970878
Conc: 806.90 ng/ml



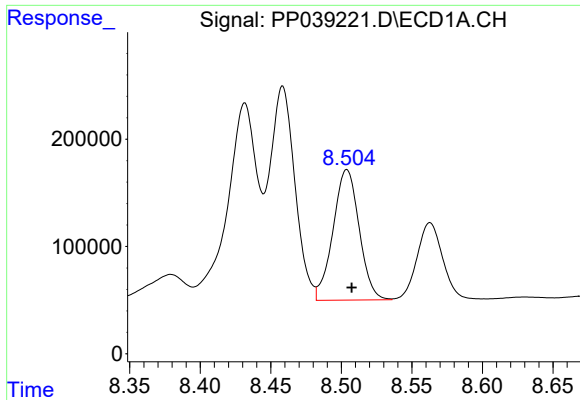
#32 AR-1260-2

R.T.: 8.139 min
Delta R.T.: -0.003 min
Response: 2275572
Conc: 1145.55 ng/ml



#32 AR-1260-2

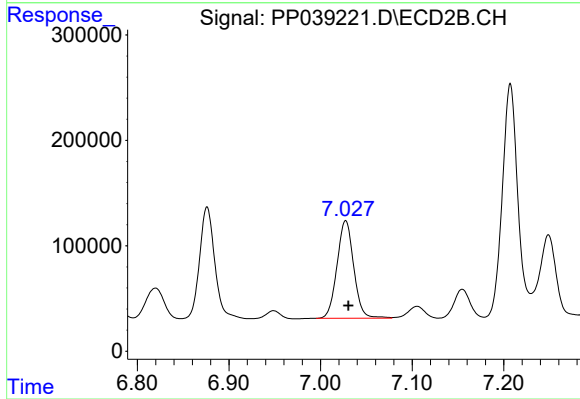
R.T.: 6.876 min
Delta R.T.: -0.003 min
Response: 1232520
Conc: 881.39 ng/ml



#33 AR-1260-3

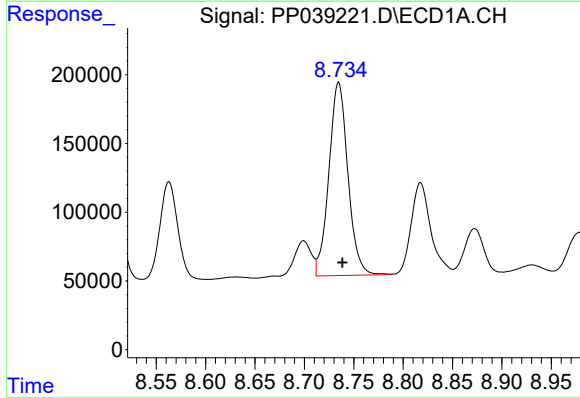
R.T.: 8.504 min
Delta R.T.: -0.003 min
Response: 1571857
Conc: 1164.51 ng/ml

Instrument :
ECD_P
ClientSampleId :



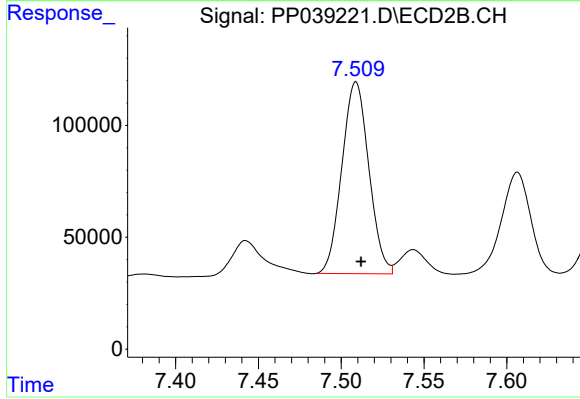
#33 AR-1260-3

R.T.: 7.027 min
Delta R.T.: -0.003 min
Response: 1171236
Conc: 857.68 ng/ml



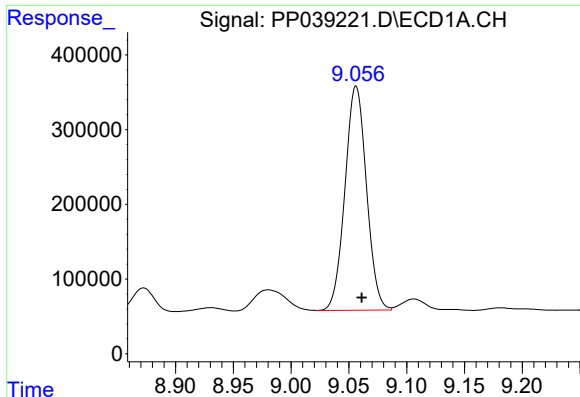
#34 AR-1260-4

R.T.: 8.735 min
Delta R.T.: -0.004 min
Response: 1887760
Conc: 1171.14 ng/ml



#34 AR-1260-4

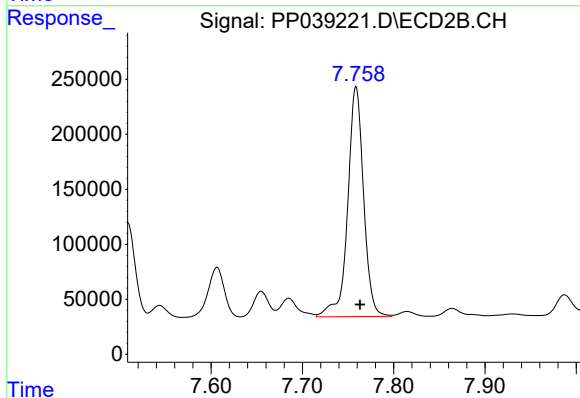
R.T.: 7.509 min
Delta R.T.: -0.003 min
Response: 971408
Conc: 999.39 ng/ml



#35 AR-1260-5

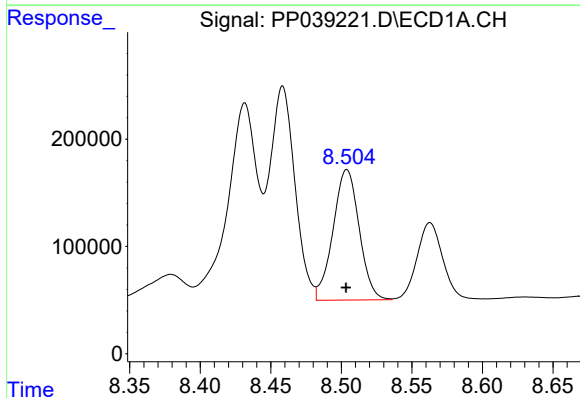
R.T.: 9.056 min
Delta R.T.: -0.005 min
Response: 3877555
Conc: 1399.82 ng/ml

Instrument :
ECD_P
ClientSampleId :



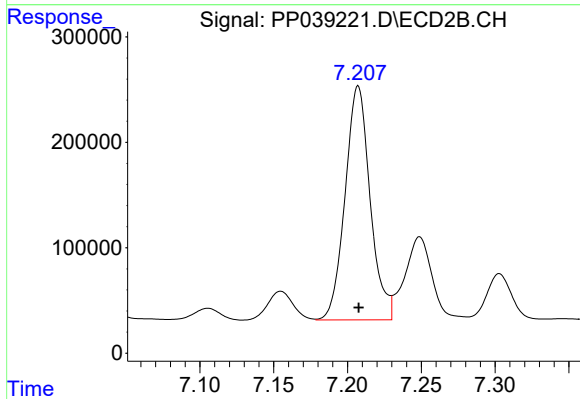
#35 AR-1260-5

R.T.: 7.759 min
Delta R.T.: -0.004 min
Response: 2531173
Conc: 1225.45 ng/ml



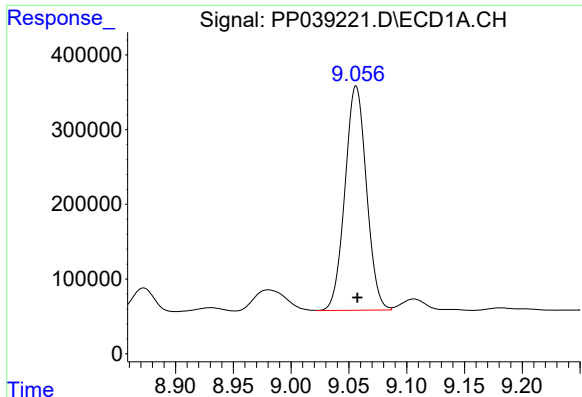
#36 AR-1262-1

R.T.: 8.504 min
Delta R.T.: 0.000 min
Response: 1571857
Conc: 705.65 ng/ml



#36 AR-1262-1

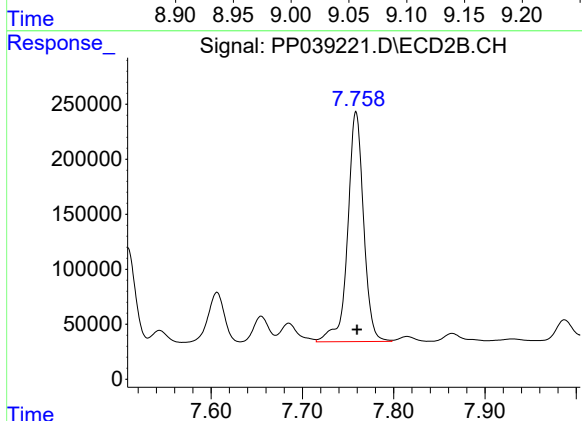
R.T.: 7.207 min
Delta R.T.: 0.000 min
Response: 2619727
Conc: 3448.52 ng/ml



#37 AR-1262-2

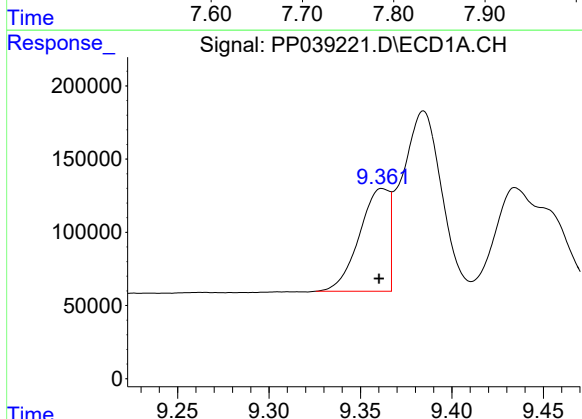
R.T.: 9.056 min
Delta R.T.: -0.001 min
Response: 3877555
Conc: 1047.25 ng/ml

Instrument :
ECD_P
ClientSampleId :



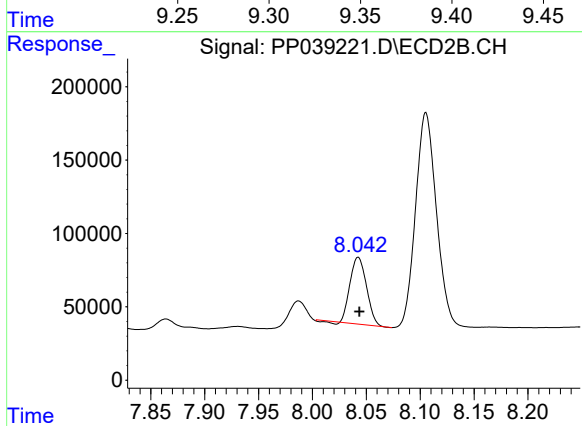
#37 AR-1262-2

R.T.: 7.759 min
Delta R.T.: -0.001 min
Response: 2531173
Conc: 982.86 ng/ml



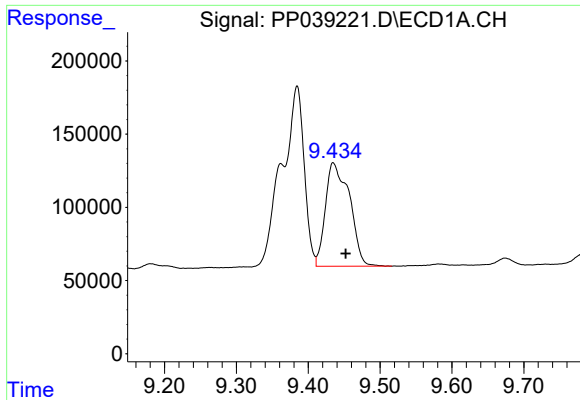
#38 AR-1262-3

R.T.: 9.362 min
Delta R.T.: 0.002 min
Response: 790968
Conc: 427.00 ng/ml



#38 AR-1262-3

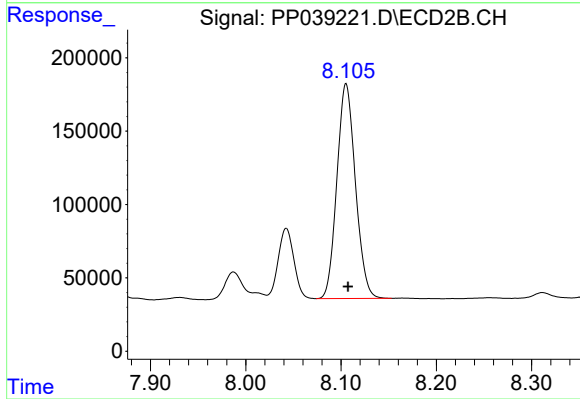
R.T.: 8.042 min
Delta R.T.: -0.001 min
Response: 481629
Conc: 422.82 ng/ml



#39 AR-1262-4

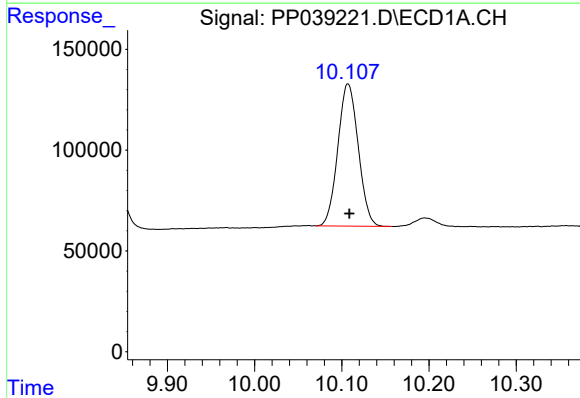
R.T.: 9.435 min
Delta R.T.: -0.017 min
Response: 1646696
Conc: 1278.42 ng/ml

Instrument :
ECD_P
ClientSampleId :



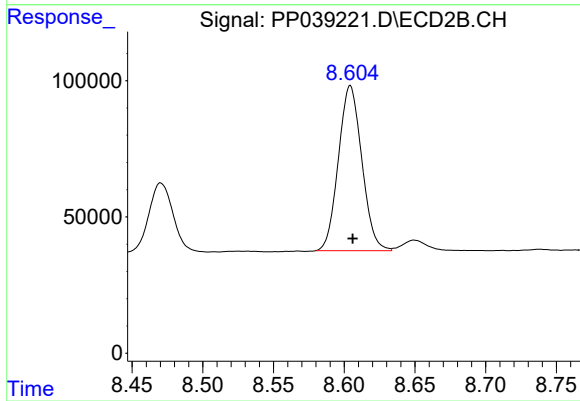
#39 AR-1262-4

R.T.: 8.105 min
Delta R.T.: -0.002 min
Response: 1977219
Conc: 965.65 ng/ml



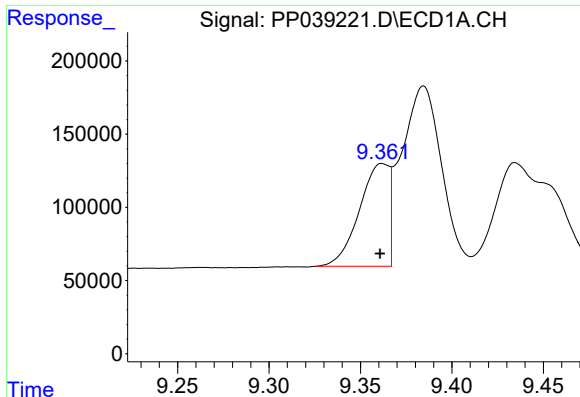
#40 AR-1262-5

R.T.: 10.107 min
Delta R.T.: -0.002 min
Response: 1147020
Conc: 846.17 ng/ml



#40 AR-1262-5

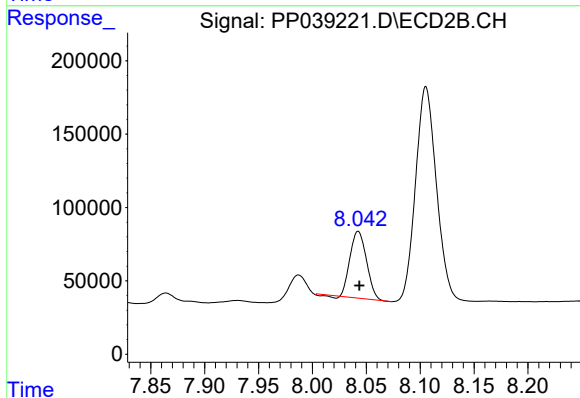
R.T.: 8.604 min
Delta R.T.: -0.002 min
Response: 698505
Conc: 788.14 ng/ml



#41 AR-1268-1

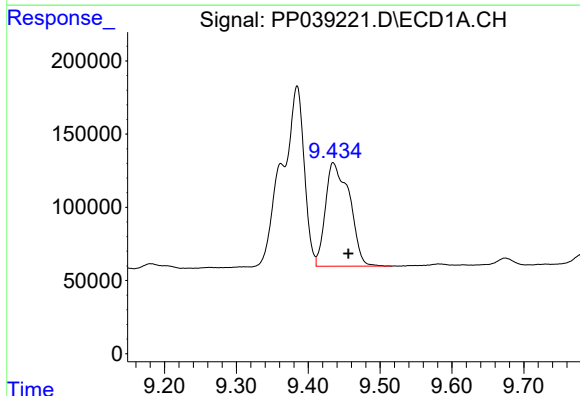
R.T.: 9.362 min
Delta R.T.: 0.001 min
Response: 790968
Conc: 161.24 ng/ml

Instrument :
ECD_P
ClientSampleId :



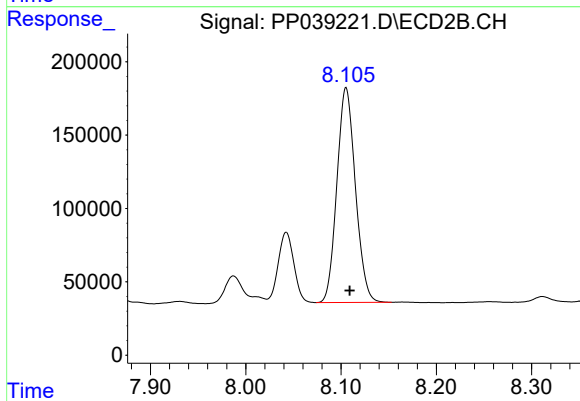
#41 AR-1268-1

R.T.: 8.042 min
Delta R.T.: -0.001 min
Response: 481629
Conc: 142.64 ng/ml



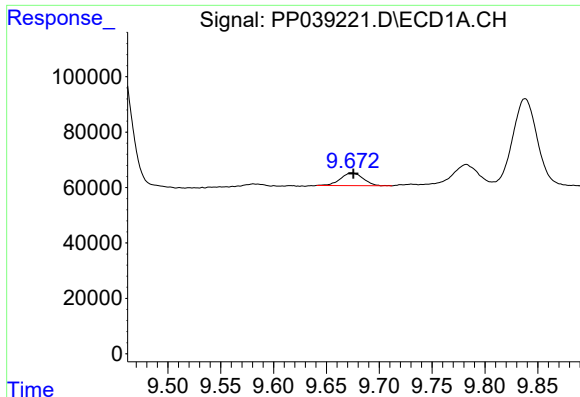
#42 AR-1268-2

R.T.: 9.435 min
Delta R.T.: -0.021 min
Response: 1646696
Conc: 353.59 ng/ml



#42 AR-1268-2

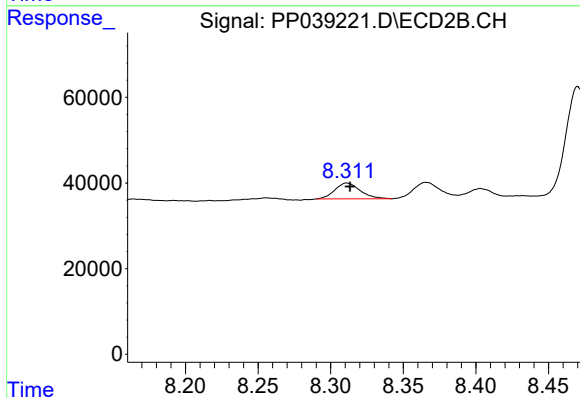
R.T.: 8.105 min
Delta R.T.: -0.004 min
Response: 1977219
Conc: 624.72 ng/ml



#43 AR-1268-3

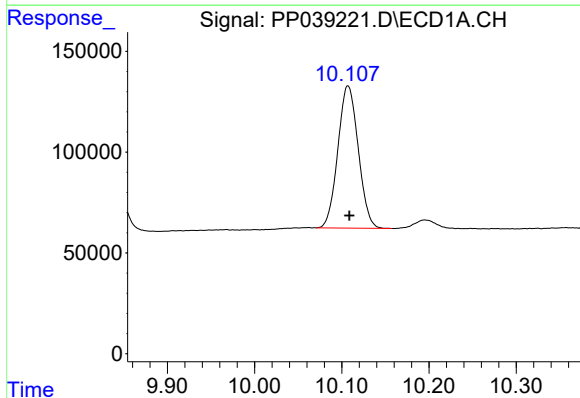
R.T.: 9.674 min
Delta R.T.: -0.002 min
Response: 68618
Conc: 16.93 ng/ml

Instrument :
ECD_P
ClientSampleId :



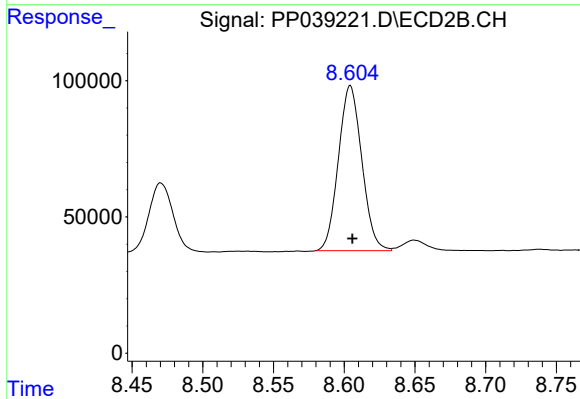
#43 AR-1268-3

R.T.: 8.311 min
Delta R.T.: -0.002 min
Response: 45410
Conc: 16.93 ng/ml



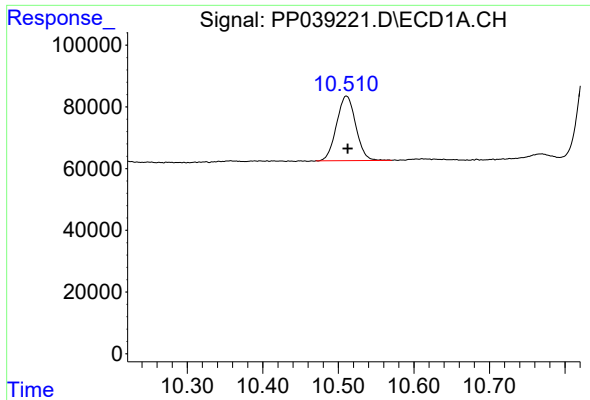
#44 AR-1268-4

R.T.: 10.107 min
Delta R.T.: -0.002 min
Response: 1147020
Conc: 697.60 ng/ml



#44 AR-1268-4

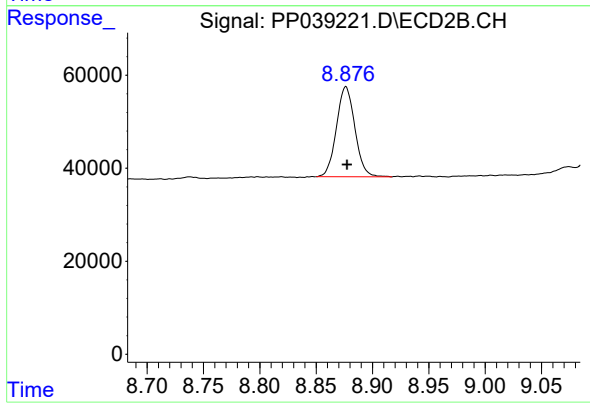
R.T.: 8.604 min
Delta R.T.: -0.001 min
Response: 698505
Conc: 653.36 ng/ml



#45 AR-1268-5

R.T.: 10.511 min
Delta R.T.: -0.002 min
Response: 369015
Conc: 29.11 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.876 min
Delta R.T.: -0.001 min
Response: 220926
Conc: 25.81 ng/ml