

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP122121\
 Data File : PP042137.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 22 Dec 2021 2:41
 Operator : AJ\MA
 Sample : AR1242CCC500
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 22 03:28:58 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP121621.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Dec 16 06:21:48 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...	4.926	4.065	725336	1320796	56.217	53.839
2)	SA Decachlor...	10.925	9.423	819135	1029311	62.158	51.194
Target Compounds							
3)	L1 AR-1016-1	6.235	5.335	168177	398285	411.345	386.152
4)	L1 AR-1016-2	6.258	5.356	246704	528645	408.834	377.777
5)	L1 AR-1016-3	6.325	5.551	162037	304331	428.126	391.578
6)	L1 AR-1016-4	6.430	5.601	134228	228585	438.554	376.465
7)	L1 AR-1016-5	6.747	5.834	137837	219955	467.152	275.109 #
8)	L2 AR-1221-1	5.163	4.326	21954	37886	148.551	138.403
9)	L2 AR-1221-2	5.269	4.427	32191	63267	305.674	292.287
10)	L2 AR-1221-3	5.353	4.517	109187	232555	337.757	318.379
11)	L3 AR-1232-1	5.353	4.517	109187	232555	422.885	382.429
12)	L3 AR-1232-2	5.941	5.356	137221	528645	1011.341	938.612
13)	L3 AR-1232-3	6.258	5.551	246704	304331	1040.110	993.148
14)	L3 AR-1232-4	6.430	5.646	134228	278064	1128.508	1057.953
15)	L3 AR-1232-5	6.532	5.834	105855	219955	1355.127	782.165 #
16)	L4 AR-1242-1	6.235	5.335	168177	398285	562.635	519.023
17)	L4 AR-1242-2	6.258	5.356	246704	528645	558.412	516.255
18)	L4 AR-1242-3	6.325	5.551	162037	304331	596.265	527.373
19)	L4 AR-1242-4	6.430	5.646	134228	278064	586.727	503.178
20)	L4 AR-1242-5	7.214	6.214	147095	339879	629.817	485.242
21)	L5 AR-1248-1	6.235	5.335	168177	398285	754.992	720.247
22)	L5 AR-1248-2	6.532	5.601	105855	228585	335.429	297.839
23)	L5 AR-1248-3	6.747	5.646	137837	278064	364.724	342.369
24)	L5 AR-1248-4	7.175	5.834	137521	219955	342.723	229.166 #
25)	L5 AR-1248-5	7.214	6.258	147095	336763	366.947	349.604
26)	L6 AR-1254-1	7.145	6.214	114066	339879	248.709	235.631
27)	L6 AR-1254-2	7.378	6.374	135948	93045	184.069	73.863 #
28)	L6 AR-1254-3	7.756	6.799	81311	165449	104.069	84.644
29)	L6 AR-1254-4	8.052	7.038	69362	89472	121.193	76.448 #
30)	L6 AR-1254-5	8.484	7.471	42124	48827	66.885	31.027 #
31)	L7 AR-1260-1	7.926	6.949	33797	57538	57.371	44.821
32)	L7 AR-1260-2	8.191	7.132	41953	19152	61.656	12.608 #
33)	L7 AR-1260-3	8.566	7.288	913	35587	1.654	25.570 #
34)	L7 AR-1260-4	8.776	0.000	27029	0	42.811	N.D. #
35)	L7 AR-1260-5	9.114	0.000	8703	0	7.217	N.D. #
36)	L8 AR-1262-1	8.566	7.471	913	48827	1.239	61.218 #
37)	L8 AR-1262-2	9.114	0.000	8703	0	6.996	N.D. #
38)	L8 AR-1262-3	0.000	8.327	0	52570	N.D.	50.305 #
39)	L8 AR-1262-4	0.000	8.373	0	15907	N.D.	8.554 #
41)	L9 AR-1268-1	0.000	8.327	0	52570	N.D.	19.346 #
42)	L9 AR-1268-2	0.000	8.373	0	15907	N.D.	6.096 #

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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
45) L9	AR-1268-5	10.593	0.000	5915	0	1.427	N.D. #

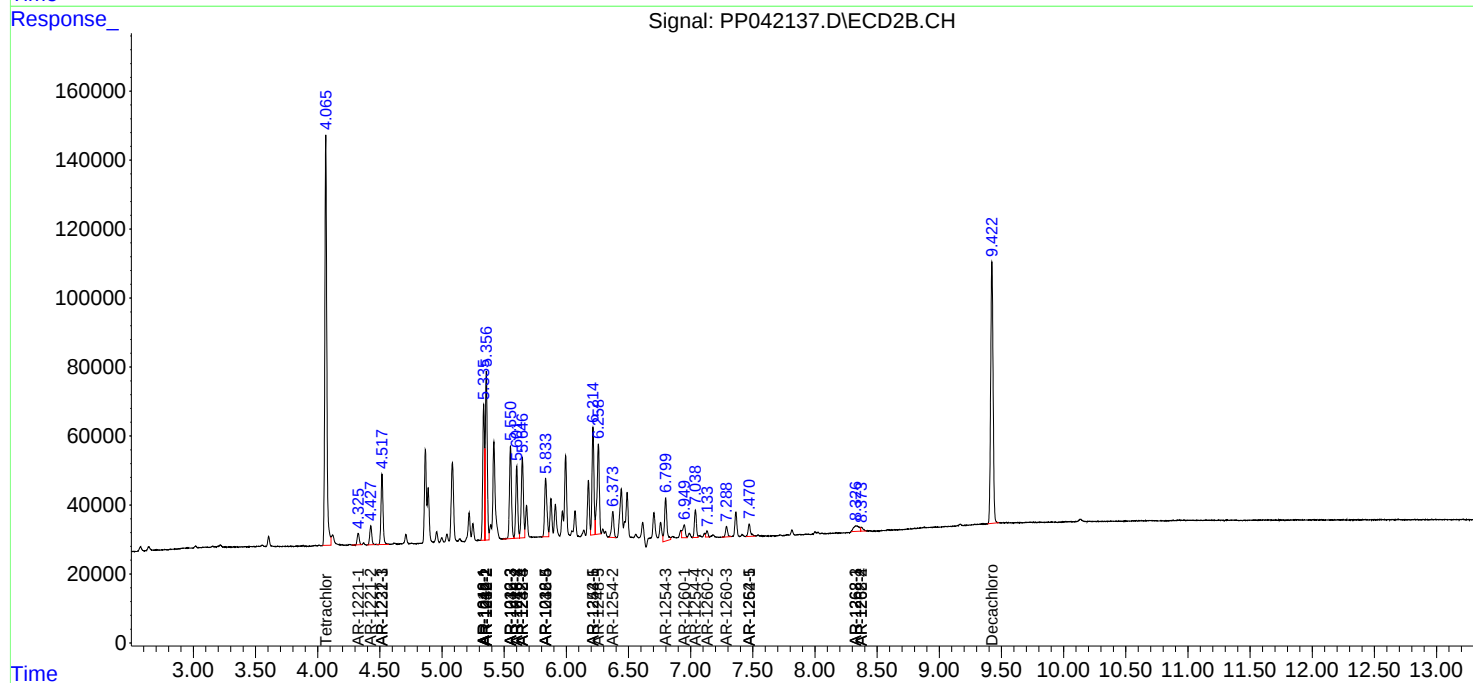
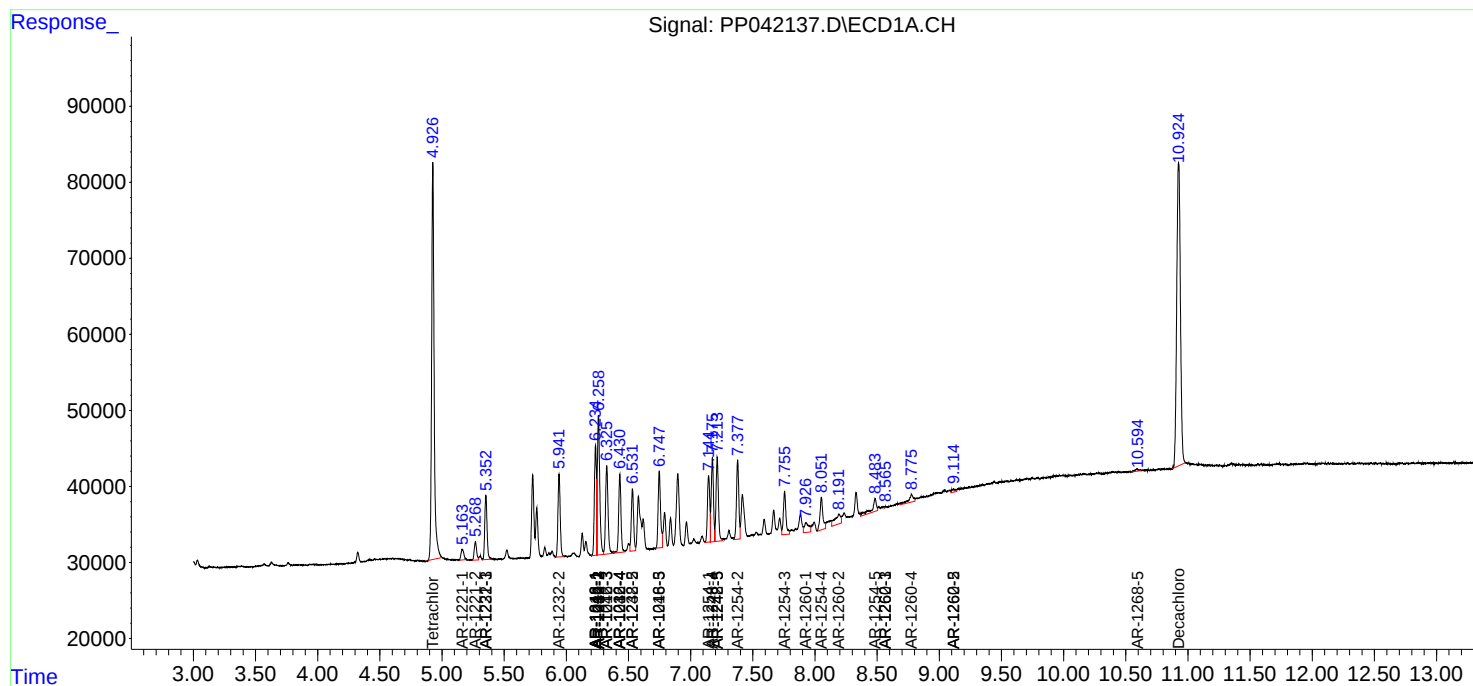
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

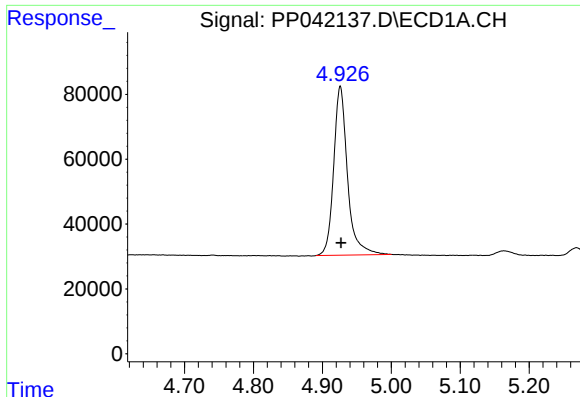
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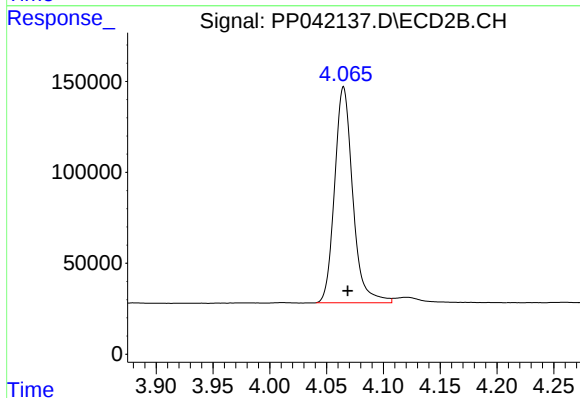




#1 Tetrachloro-m-xylene

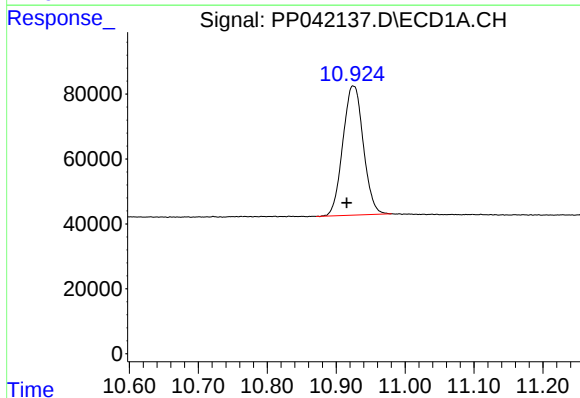
R.T.: 4.926 min
Delta R.T.: 0.000 min
Response: 725336
Conc: 56.22 ng/ml

Instrument :
ECD_P
ClientSampleId :



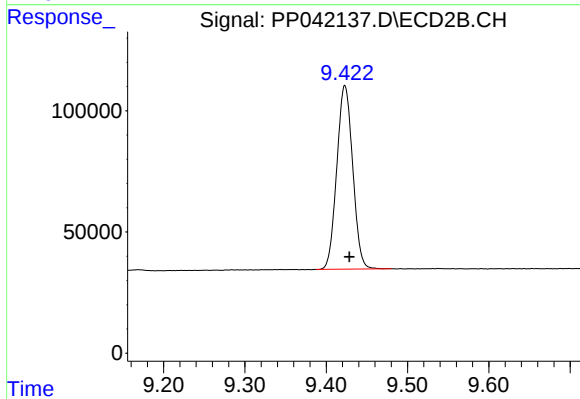
#1 Tetrachloro-m-xylene

R.T.: 4.065 min
Delta R.T.: -0.004 min
Response: 1320796
Conc: 53.84 ng/ml



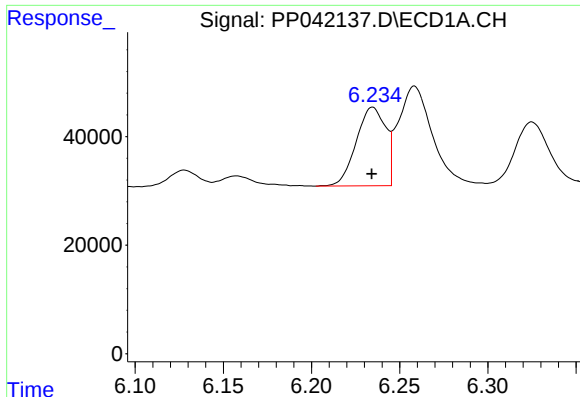
#2 Decachlorobiphenyl

R.T.: 10.925 min
Delta R.T.: 0.009 min
Response: 819135
Conc: 62.16 ng/ml



#2 Decachlorobiphenyl

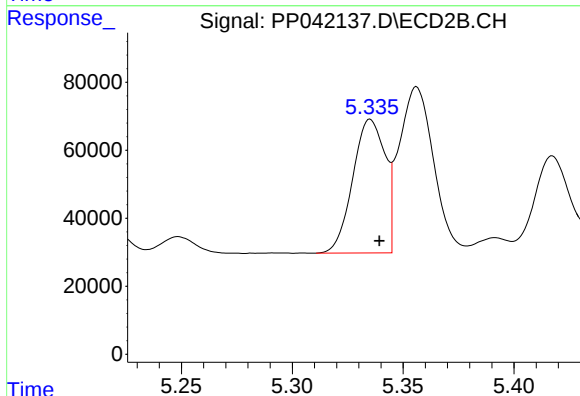
R.T.: 9.423 min
Delta R.T.: -0.005 min
Response: 1029311
Conc: 51.19 ng/ml



#3 AR-1016-1

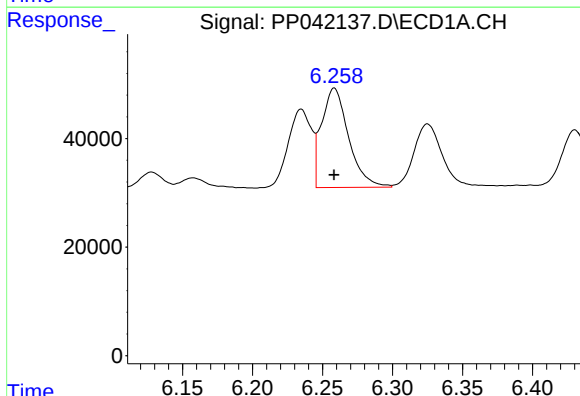
R.T.: 6.235 min
Delta R.T.: 0.000 min
Response: 168177
Conc: 411.35 ng/ml

Instrument :
ECD_P
ClientSampleId :



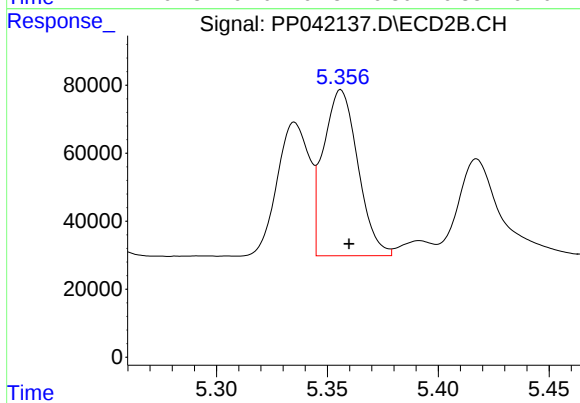
#3 AR-1016-1

R.T.: 5.335 min
Delta R.T.: -0.004 min
Response: 398285
Conc: 386.15 ng/ml



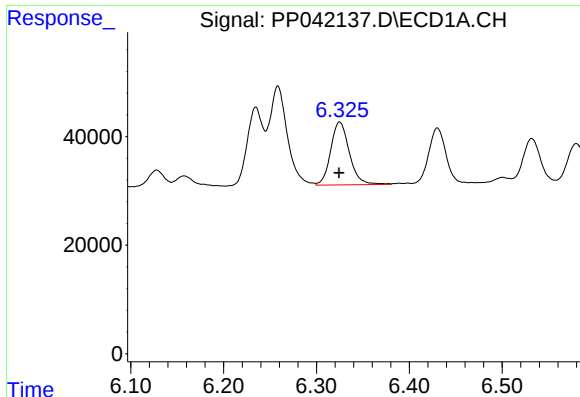
#4 AR-1016-2

R.T.: 6.258 min
Delta R.T.: 0.000 min
Response: 246704
Conc: 408.83 ng/ml



#4 AR-1016-2

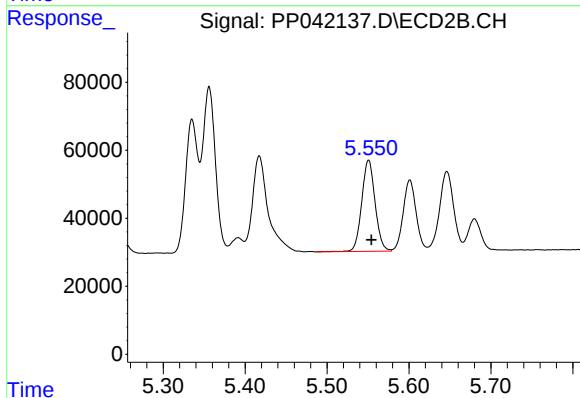
R.T.: 5.356 min
Delta R.T.: -0.004 min
Response: 528645
Conc: 377.78 ng/ml



#5 AR-1016-3

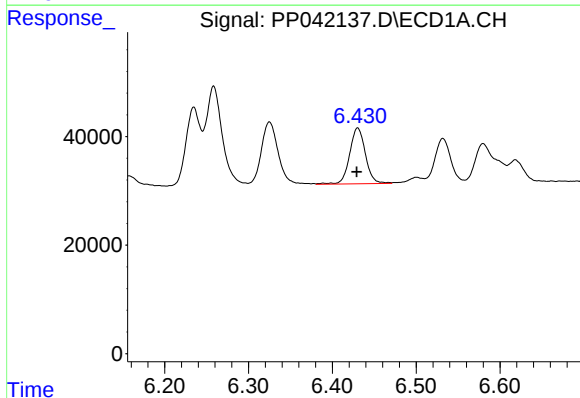
R.T.: 6.325 min
Delta R.T.: 0.000 min
Response: 162037
Conc: 428.13 ng/ml

Instrument :
ECD_P
ClientSampleId :



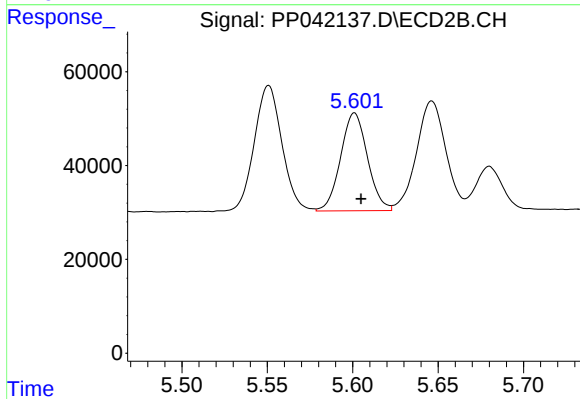
#5 AR-1016-3

R.T.: 5.551 min
Delta R.T.: -0.003 min
Response: 304331
Conc: 391.58 ng/ml



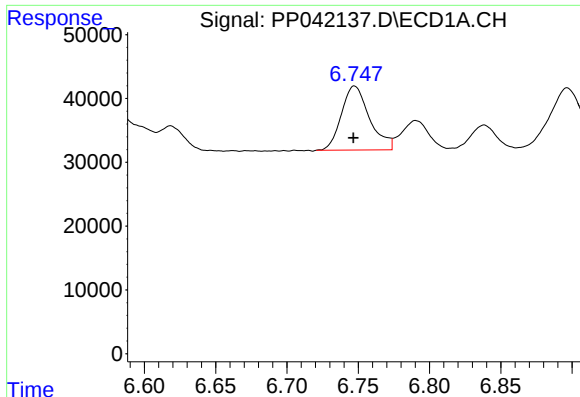
#6 AR-1016-4

R.T.: 6.430 min
Delta R.T.: 0.001 min
Response: 134228
Conc: 438.55 ng/ml



#6 AR-1016-4

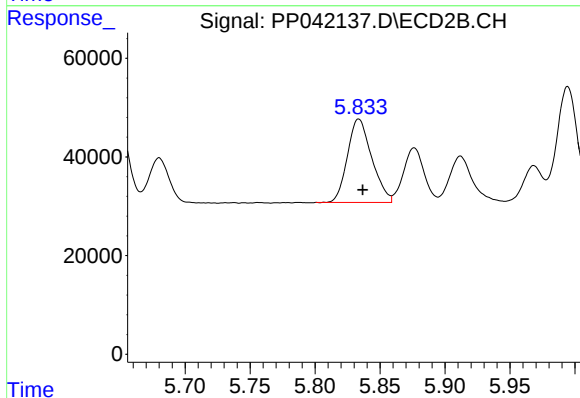
R.T.: 5.601 min
Delta R.T.: -0.004 min
Response: 228585
Conc: 376.47 ng/ml



#7 AR-1016-5

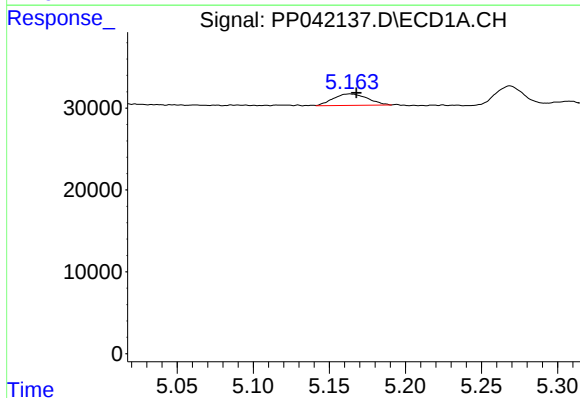
R.T.: 6.747 min
Delta R.T.: 0.000 min
Response: 137837
Conc: 467.15 ng/ml

Instrument :
ECD_P
ClientSampleId :



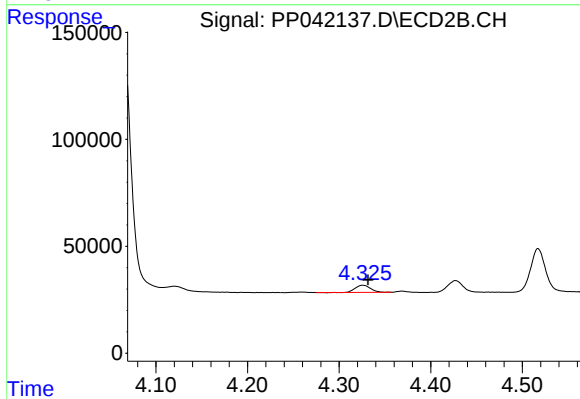
#7 AR-1016-5

R.T.: 5.834 min
Delta R.T.: -0.003 min
Response: 219955
Conc: 275.11 ng/ml



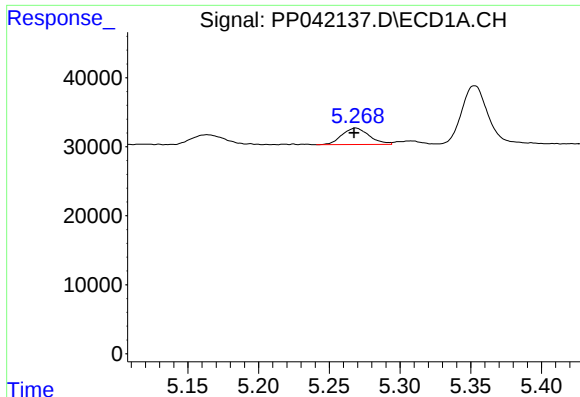
#8 AR-1221-1

R.T.: 5.163 min
Delta R.T.: -0.004 min
Response: 21954
Conc: 148.55 ng/ml



#8 AR-1221-1

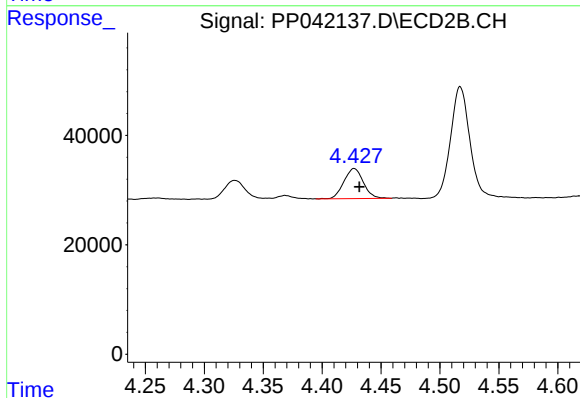
R.T.: 4.326 min
Delta R.T.: -0.006 min
Response: 37886
Conc: 138.40 ng/ml



#9 AR-1221-2

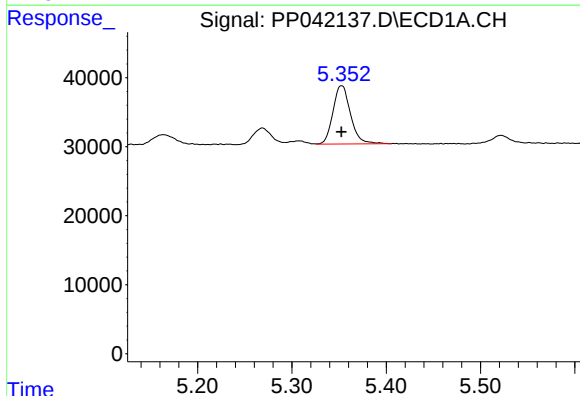
R.T.: 5.269 min
Delta R.T.: 0.001 min
Response: 32191
Conc: 305.67 ng/ml

Instrument :
ECD_P
ClientSampleId :



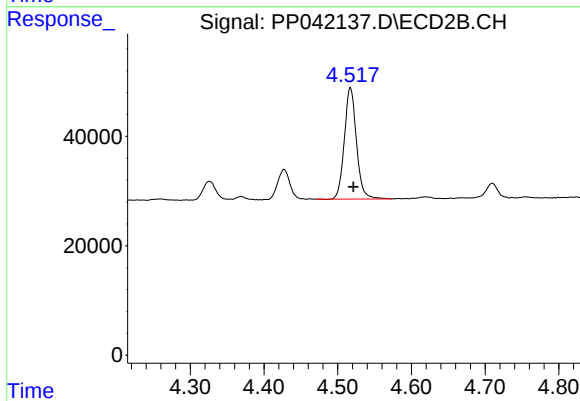
#9 AR-1221-2

R.T.: 4.427 min
Delta R.T.: -0.004 min
Response: 63267
Conc: 292.29 ng/ml



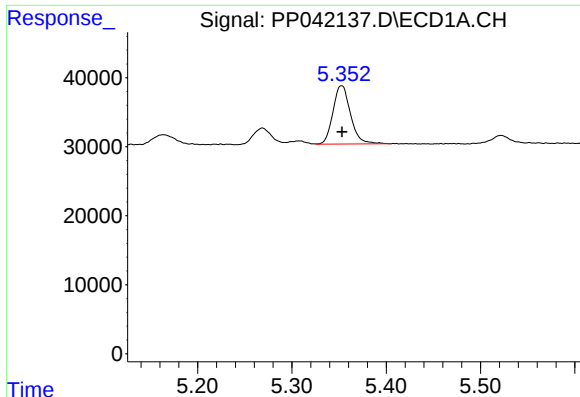
#10 AR-1221-3

R.T.: 5.353 min
Delta R.T.: 0.000 min
Response: 109187
Conc: 337.76 ng/ml



#10 AR-1221-3

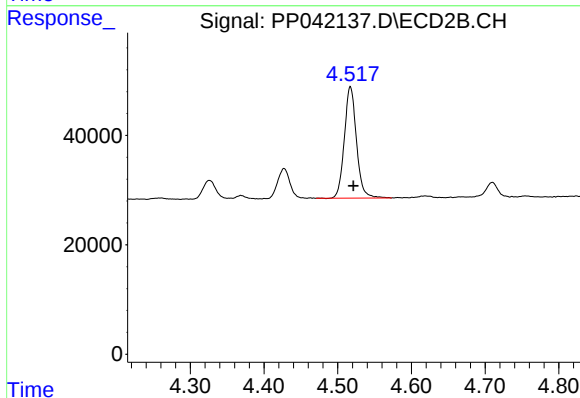
R.T.: 4.517 min
Delta R.T.: -0.004 min
Response: 232555
Conc: 318.38 ng/ml



#11 AR-1232-1

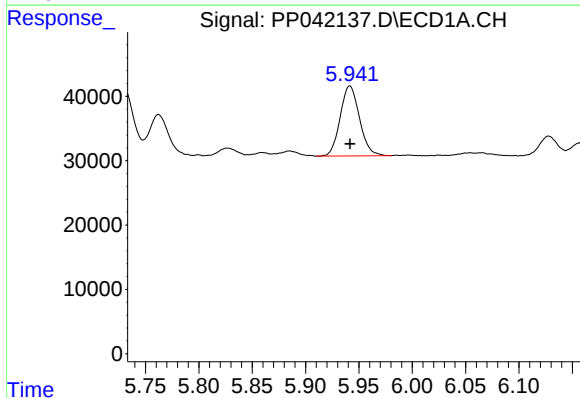
R.T.: 5.353 min
Delta R.T.: 0.000 min
Response: 109187
Conc: 422.88 ng/ml

Instrument :
ECD_P
ClientSampleId :



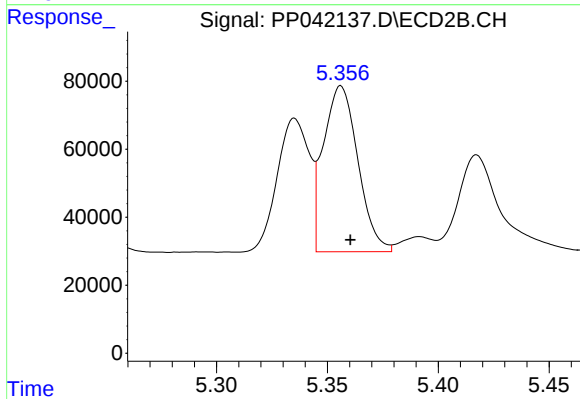
#11 AR-1232-1

R.T.: 4.517 min
Delta R.T.: -0.004 min
Response: 232555
Conc: 382.43 ng/ml



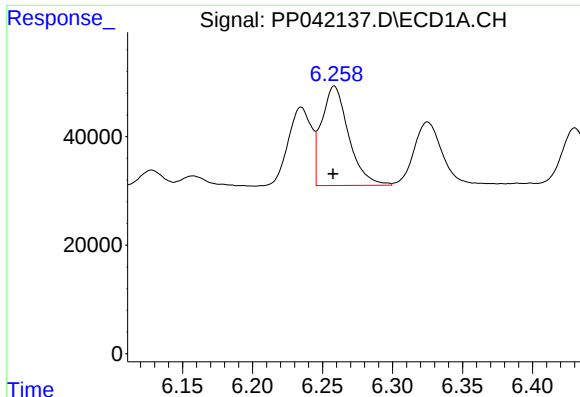
#12 AR-1232-2

R.T.: 5.941 min
Delta R.T.: 0.000 min
Response: 137221
Conc: 1011.34 ng/ml



#12 AR-1232-2

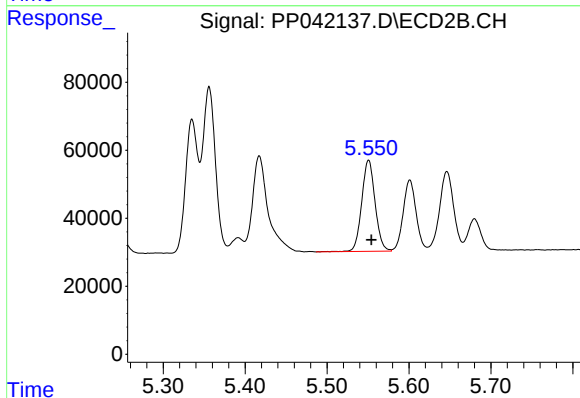
R.T.: 5.356 min
Delta R.T.: -0.004 min
Response: 528645
Conc: 938.61 ng/ml



#13 AR-1232-3

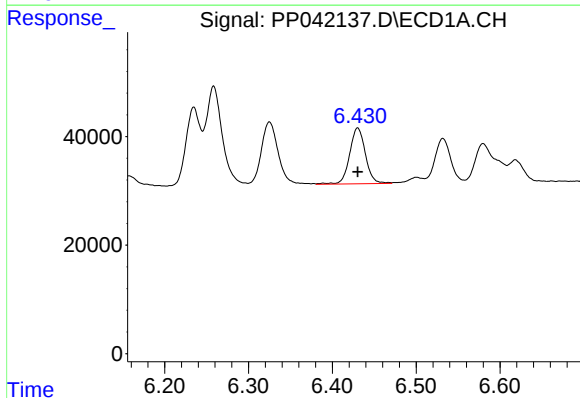
R.T.: 6.258 min
Delta R.T.: 0.000 min
Response: 246704
Conc: 1040.11 ng/ml

Instrument :
ECD_P
ClientSampleId :



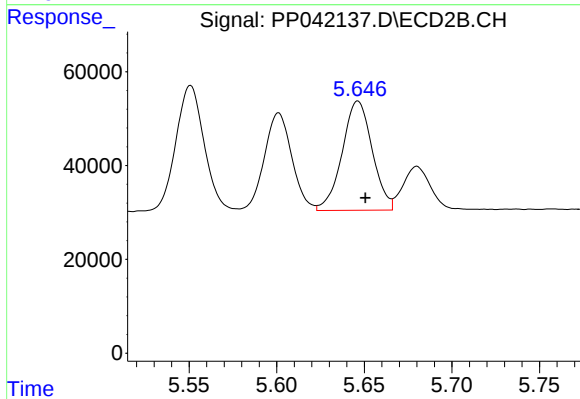
#13 AR-1232-3

R.T.: 5.551 min
Delta R.T.: -0.003 min
Response: 304331
Conc: 993.15 ng/ml



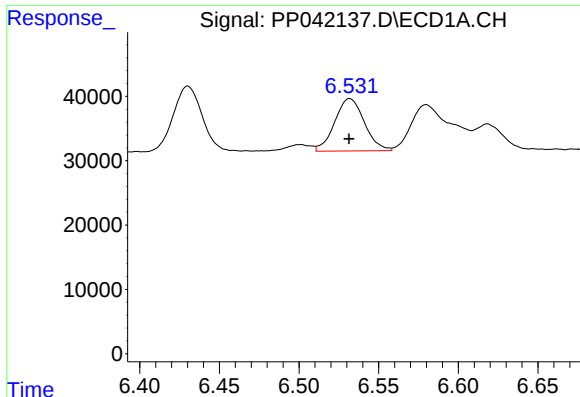
#14 AR-1232-4

R.T.: 6.430 min
Delta R.T.: 0.000 min
Response: 134228
Conc: 1128.51 ng/ml



#14 AR-1232-4

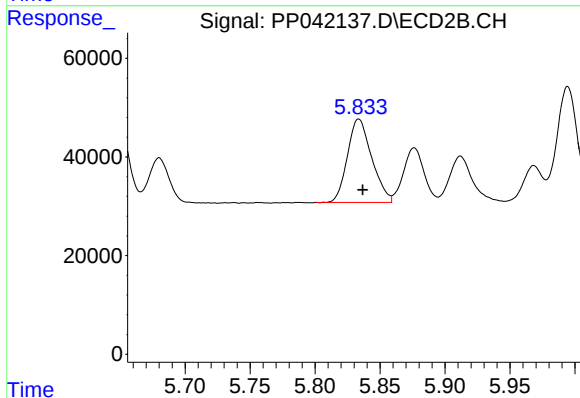
R.T.: 5.646 min
Delta R.T.: -0.004 min
Response: 278064
Conc: 1057.95 ng/ml



#15 AR-1232-5

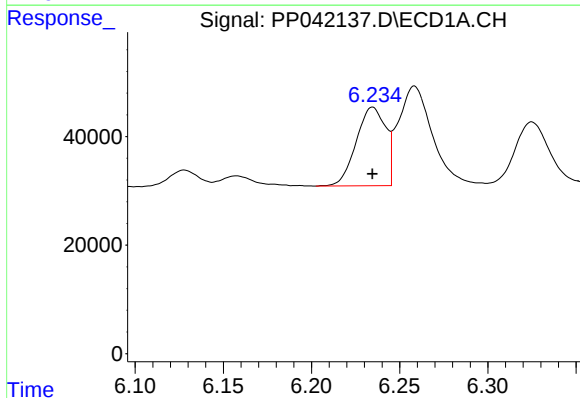
R.T.: 6.532 min
Delta R.T.: 0.000 min
Response: 105855
Conc: 1355.13 ng/ml

Instrument :
ECD_P
ClientSampleId :



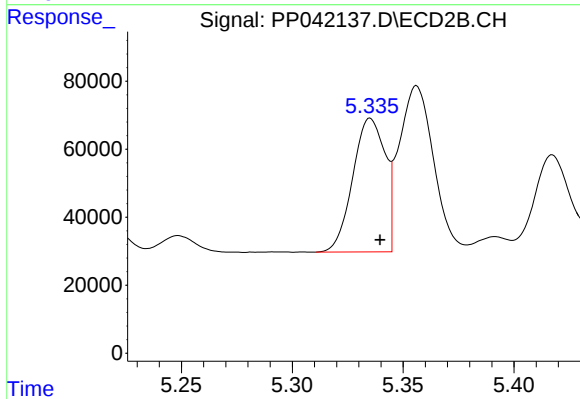
#15 AR-1232-5

R.T.: 5.834 min
Delta R.T.: -0.003 min
Response: 219955
Conc: 782.16 ng/ml



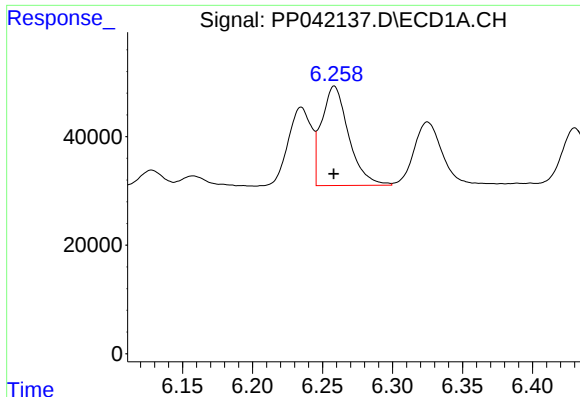
#16 AR-1242-1

R.T.: 6.235 min
Delta R.T.: 0.000 min
Response: 168177
Conc: 562.63 ng/ml



#16 AR-1242-1

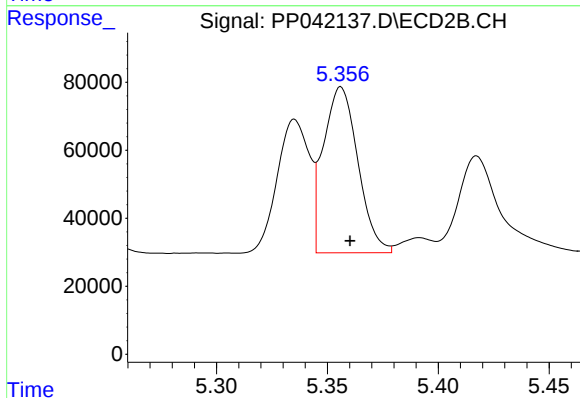
R.T.: 5.335 min
Delta R.T.: -0.004 min
Response: 398285
Conc: 519.02 ng/ml



#17 AR-1242-2

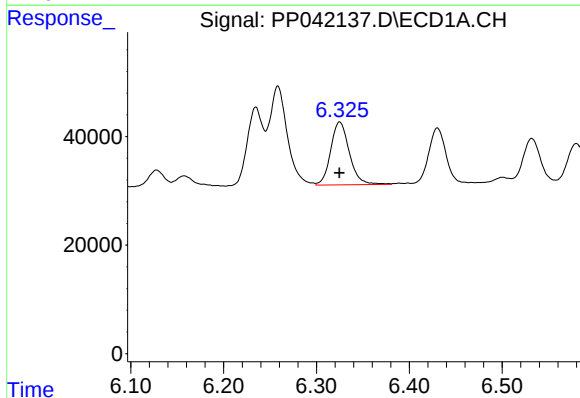
R.T.: 6.258 min
Delta R.T.: 0.000 min
Response: 246704
Conc: 558.41 ng/ml

Instrument :
ECD_P
ClientSampleId :



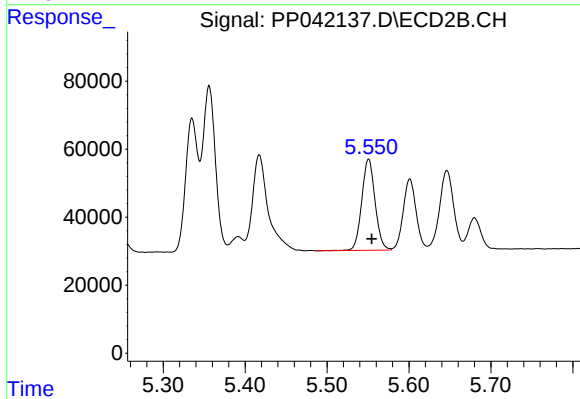
#17 AR-1242-2

R.T.: 5.356 min
Delta R.T.: -0.004 min
Response: 528645
Conc: 516.26 ng/ml



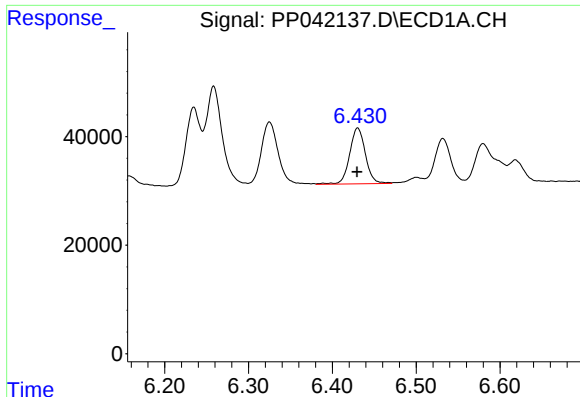
#18 AR-1242-3

R.T.: 6.325 min
Delta R.T.: 0.000 min
Response: 162037
Conc: 596.27 ng/ml



#18 AR-1242-3

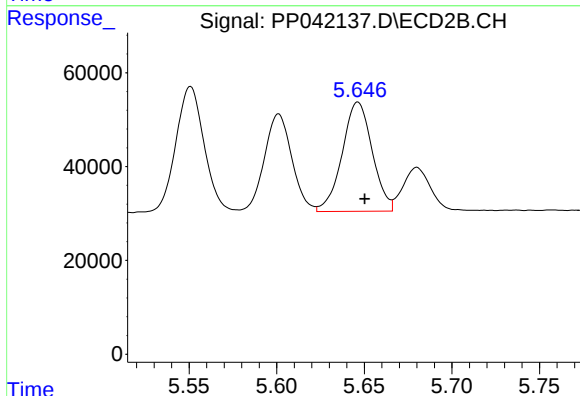
R.T.: 5.551 min
Delta R.T.: -0.004 min
Response: 304331
Conc: 527.37 ng/ml



#19 AR-1242-4

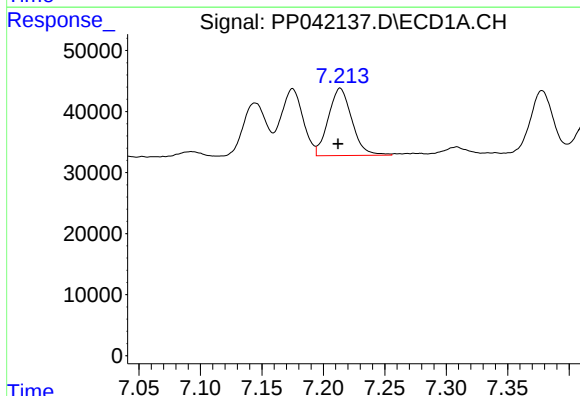
R.T.: 6.430 min
Delta R.T.: 0.000 min
Response: 134228
Conc: 586.73 ng/ml

Instrument :
ECD_P
ClientSampleId :



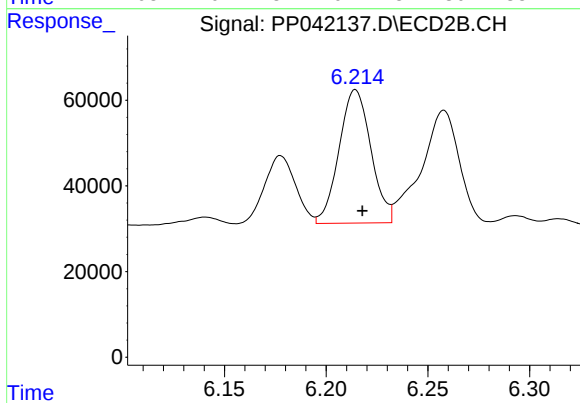
#19 AR-1242-4

R.T.: 5.646 min
Delta R.T.: -0.004 min
Response: 278064
Conc: 503.18 ng/ml



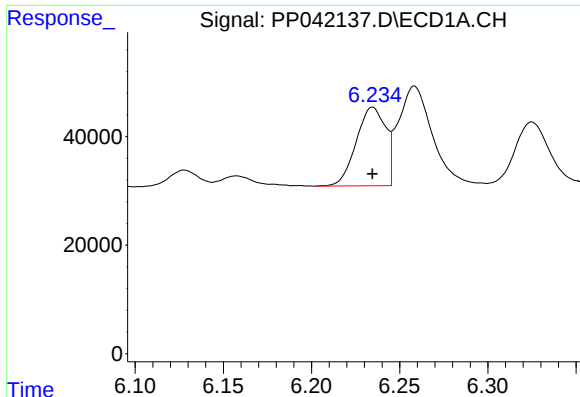
#20 AR-1242-5

R.T.: 7.214 min
Delta R.T.: 0.002 min
Response: 147095
Conc: 629.82 ng/ml



#20 AR-1242-5

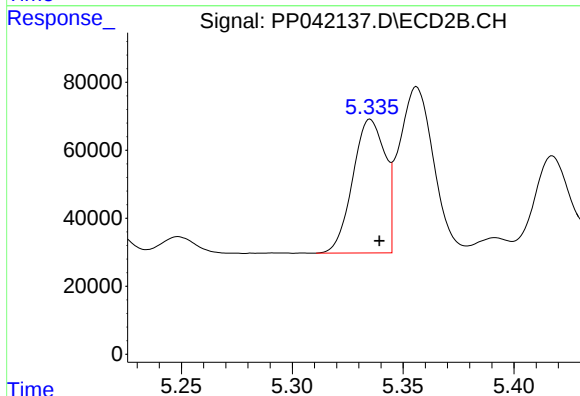
R.T.: 6.214 min
Delta R.T.: -0.003 min
Response: 339879
Conc: 485.24 ng/ml



#21 AR-1248-1

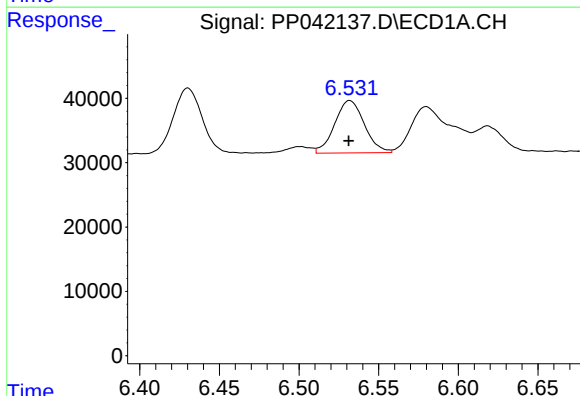
R.T.: 6.235 min
Delta R.T.: 0.000 min
Response: 168177
Conc: 754.99 ng/ml

Instrument :
ECD_P
ClientSampleId :



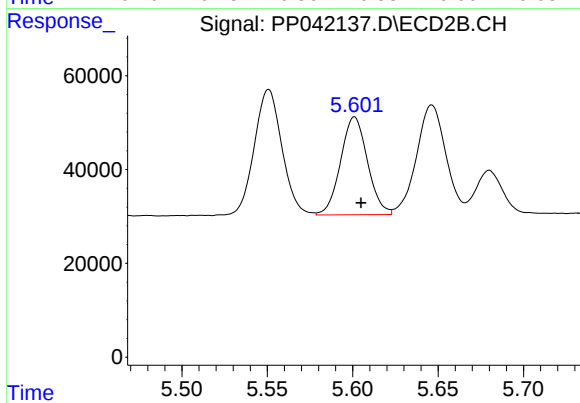
#21 AR-1248-1

R.T.: 5.335 min
Delta R.T.: -0.004 min
Response: 398285
Conc: 720.25 ng/ml



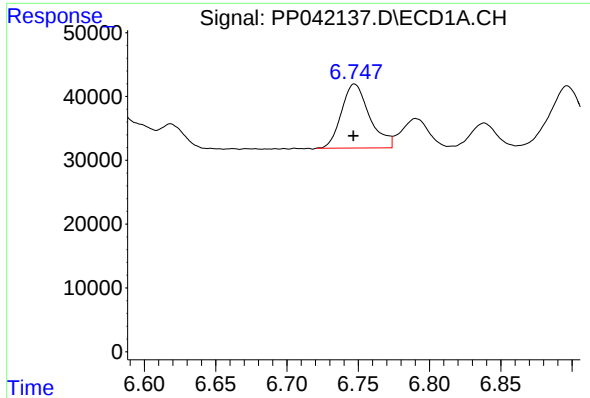
#22 AR-1248-2

R.T.: 6.532 min
Delta R.T.: 0.000 min
Response: 105855
Conc: 335.43 ng/ml



#22 AR-1248-2

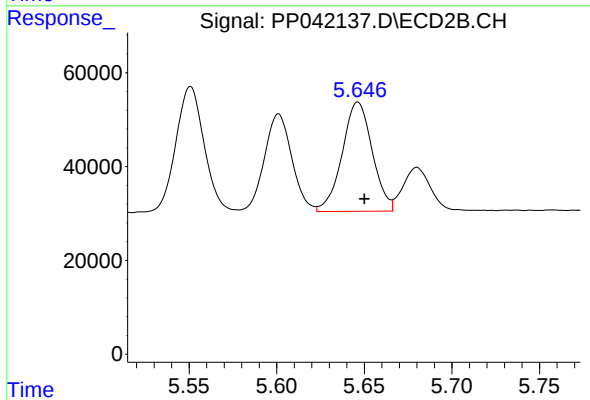
R.T.: 5.601 min
Delta R.T.: -0.004 min
Response: 228585
Conc: 297.84 ng/ml



#23 AR-1248-3

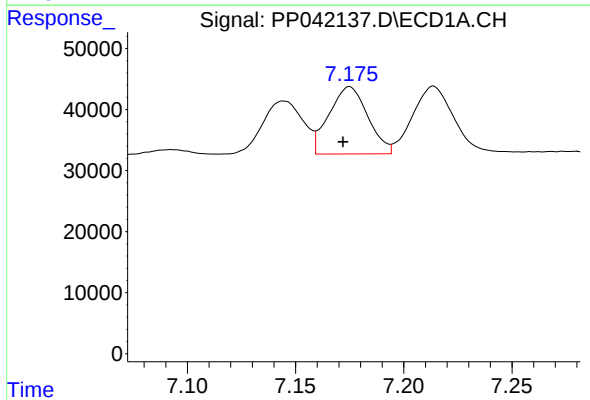
R.T.: 6.747 min
Delta R.T.: 0.000 min
Response: 137837
Conc: 364.72 ng/ml

Instrument :
ECD_P
ClientSampleId :



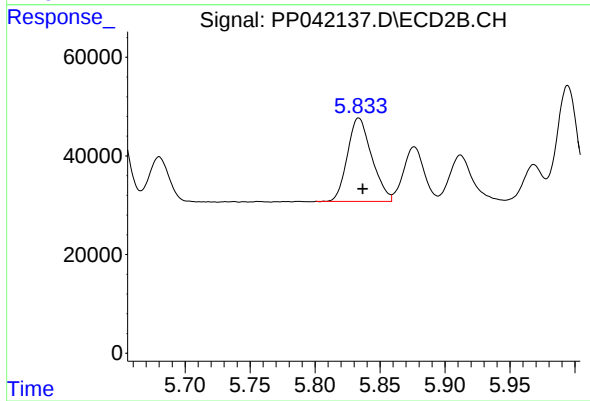
#23 AR-1248-3

R.T.: 5.646 min
Delta R.T.: -0.004 min
Response: 278064
Conc: 342.37 ng/ml



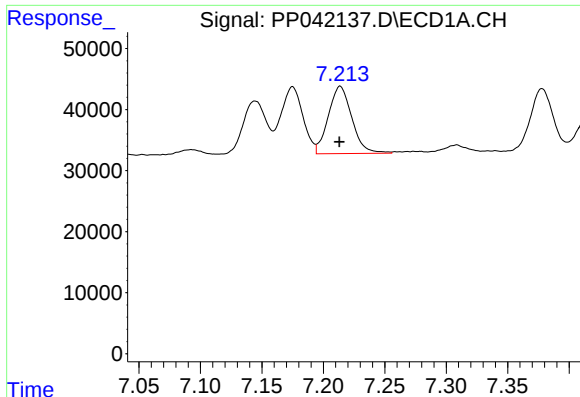
#24 AR-1248-4

R.T.: 7.175 min
Delta R.T.: 0.003 min
Response: 137521
Conc: 342.72 ng/ml



#24 AR-1248-4

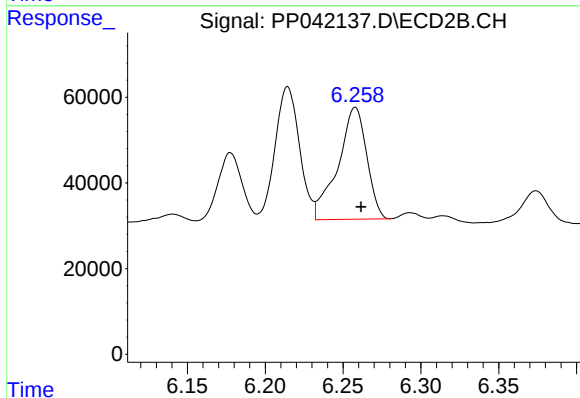
R.T.: 5.834 min
Delta R.T.: -0.003 min
Response: 219955
Conc: 229.17 ng/ml



#25 AR-1248-5

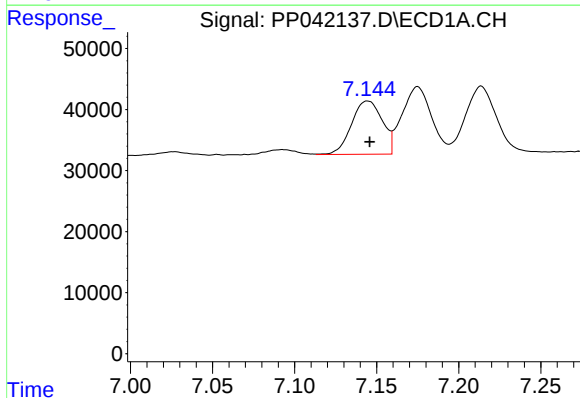
R.T.: 7.214 min
Delta R.T.: 0.000 min
Response: 147095
Conc: 366.95 ng/ml

Instrument :
ECD_P
ClientSampleId :



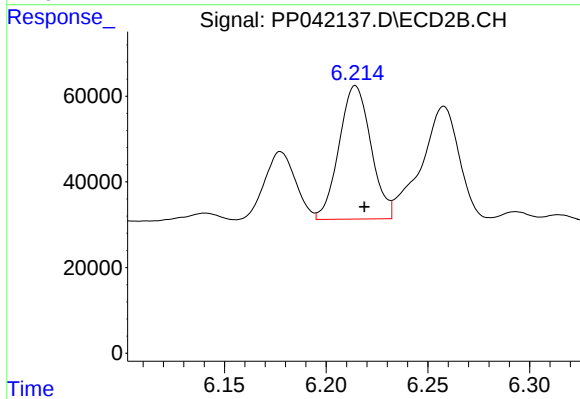
#25 AR-1248-5

R.T.: 6.258 min
Delta R.T.: -0.004 min
Response: 336763
Conc: 349.60 ng/ml



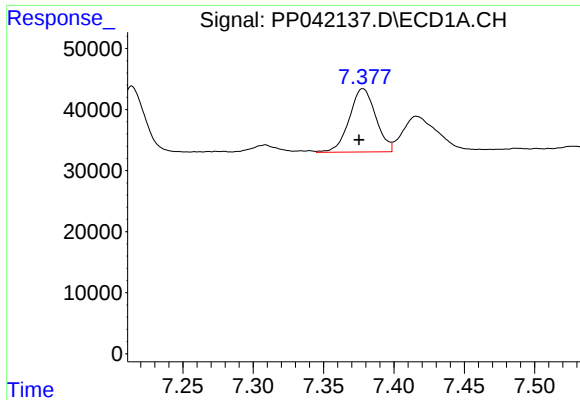
#26 AR-1254-1

R.T.: 7.145 min
Delta R.T.: -0.001 min
Response: 114066
Conc: 248.71 ng/ml



#26 AR-1254-1

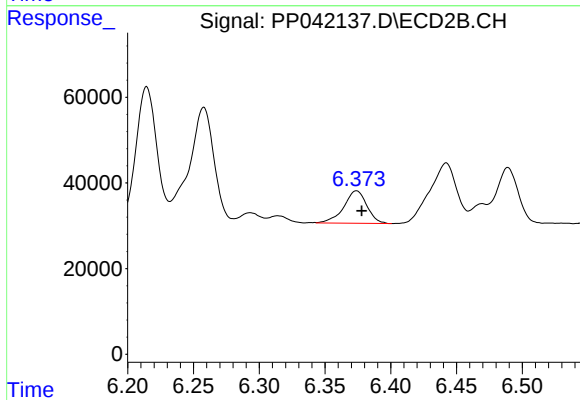
R.T.: 6.214 min
Delta R.T.: -0.004 min
Response: 339879
Conc: 235.63 ng/ml



#27 AR-1254-2

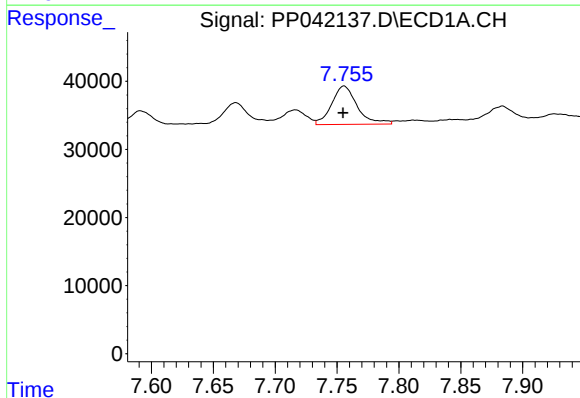
R.T.: 7.378 min
Delta R.T.: 0.003 min
Response: 135948
Conc: 184.07 ng/ml

Instrument :
ECD_P
ClientSampleId :



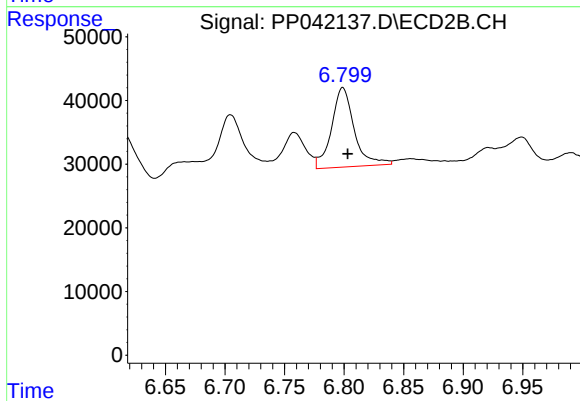
#27 AR-1254-2

R.T.: 6.374 min
Delta R.T.: -0.004 min
Response: 93045
Conc: 73.86 ng/ml



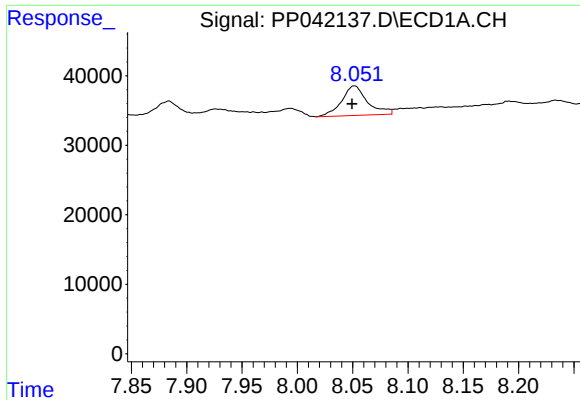
#28 AR-1254-3

R.T.: 7.756 min
Delta R.T.: 0.000 min
Response: 81311
Conc: 104.07 ng/ml



#28 AR-1254-3

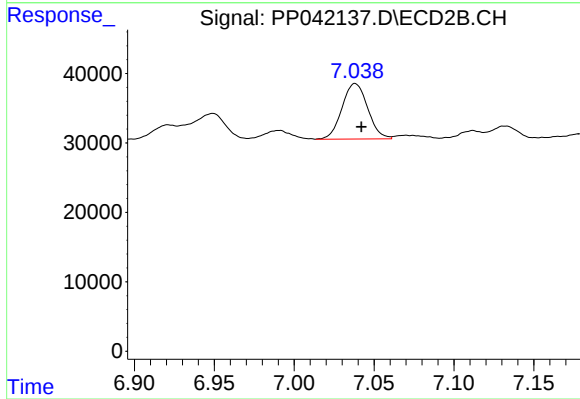
R.T.: 6.799 min
Delta R.T.: -0.004 min
Response: 165449
Conc: 84.64 ng/ml



#29 AR-1254-4

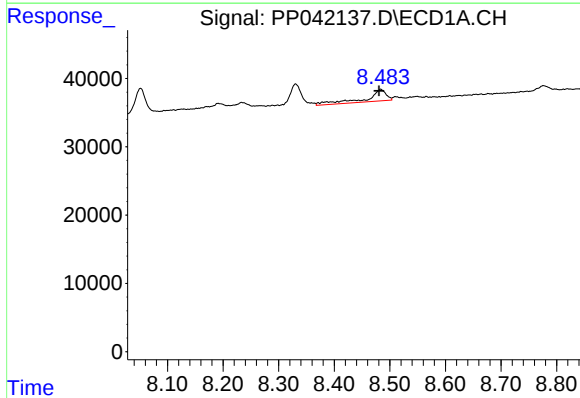
R.T.: 8.052 min
Delta R.T.: 0.002 min
Response: 69362
Conc: 121.19 ng/ml

Instrument :
ECD_P
ClientSampleId :



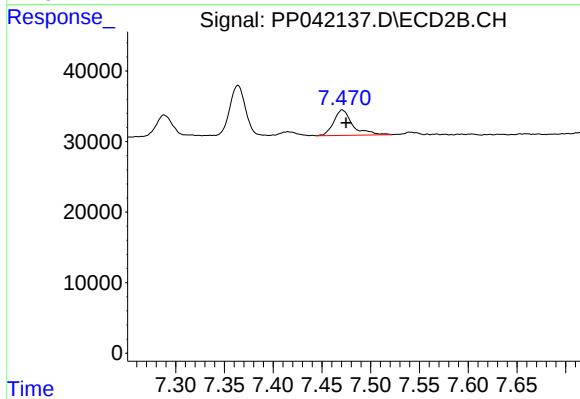
#29 AR-1254-4

R.T.: 7.038 min
Delta R.T.: -0.004 min
Response: 89472
Conc: 76.45 ng/ml



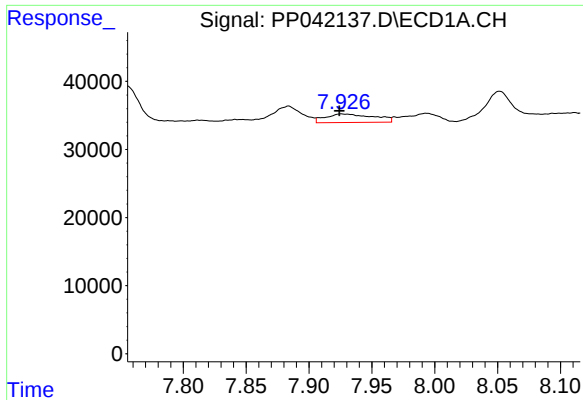
#30 AR-1254-5

R.T.: 8.484 min
Delta R.T.: 0.003 min
Response: 42124
Conc: 66.88 ng/ml



#30 AR-1254-5

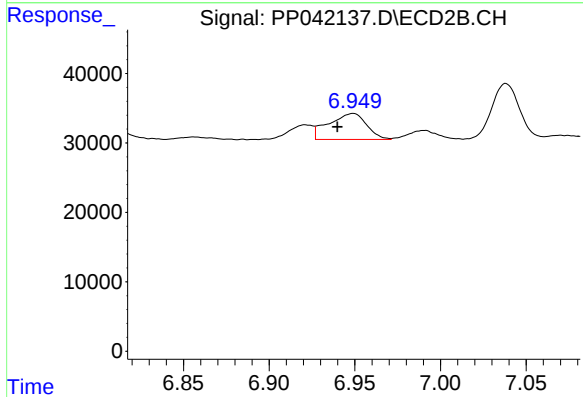
R.T.: 7.471 min
Delta R.T.: -0.004 min
Response: 48827
Conc: 31.03 ng/ml



#31 AR-1260-1

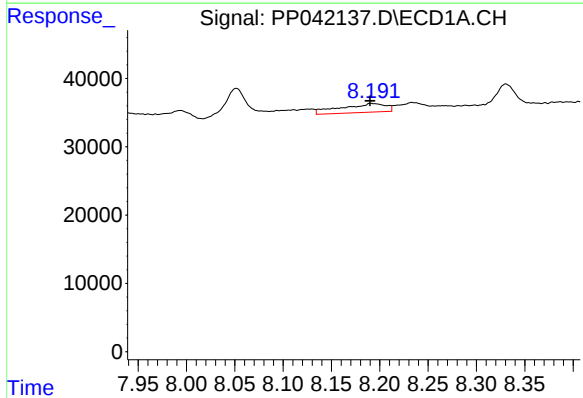
R.T.: 7.926 min
Delta R.T.: 0.002 min
Response: 33797
Conc: 57.37 ng/ml

Instrument :
ECD_P
ClientSampleId :



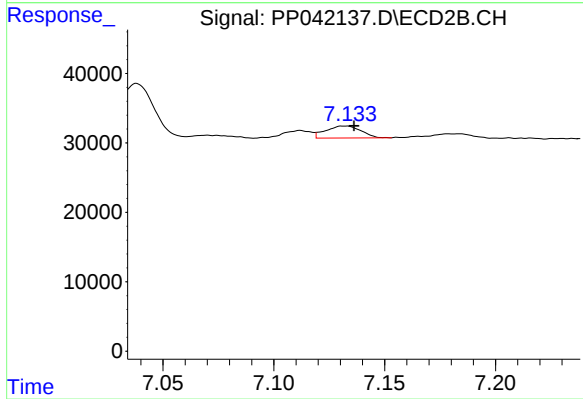
#31 AR-1260-1

R.T.: 6.949 min
Delta R.T.: 0.009 min
Response: 57538
Conc: 44.82 ng/ml



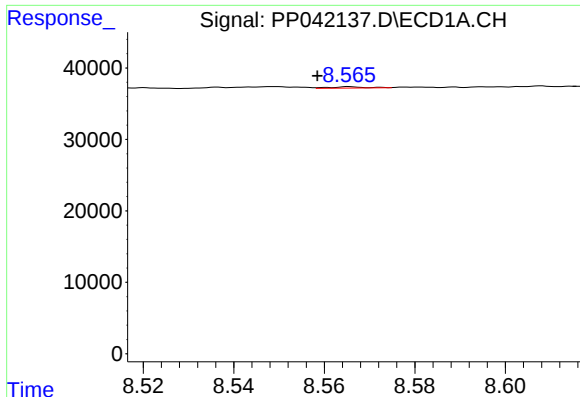
#32 AR-1260-2

R.T.: 8.191 min
Delta R.T.: 0.000 min
Response: 41953
Conc: 61.66 ng/ml



#32 AR-1260-2

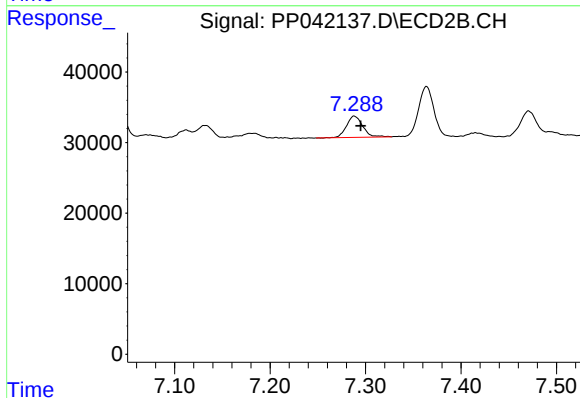
R.T.: 7.132 min
Delta R.T.: -0.004 min
Response: 19152
Conc: 12.61 ng/ml



#33 AR-1260-3

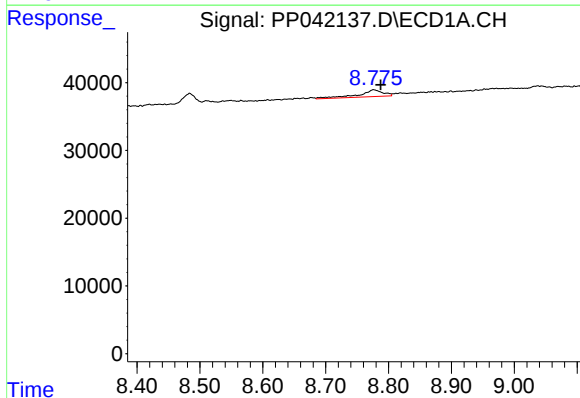
R.T.: 8.566 min
Delta R.T.: 0.007 min
Response: 913
Conc: 1.65 ng/ml

Instrument :
ECD_P
ClientSampleId :



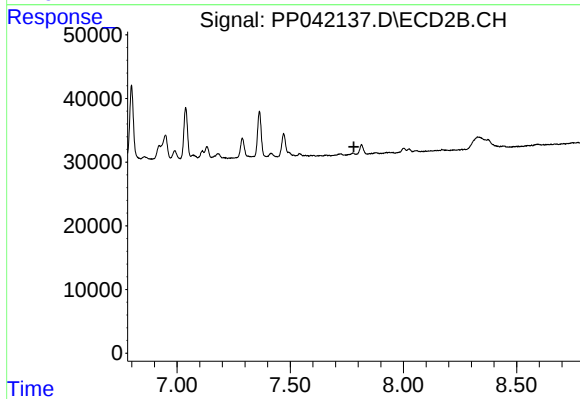
#33 AR-1260-3

R.T.: 7.288 min
Delta R.T.: -0.007 min
Response: 35587
Conc: 25.57 ng/ml



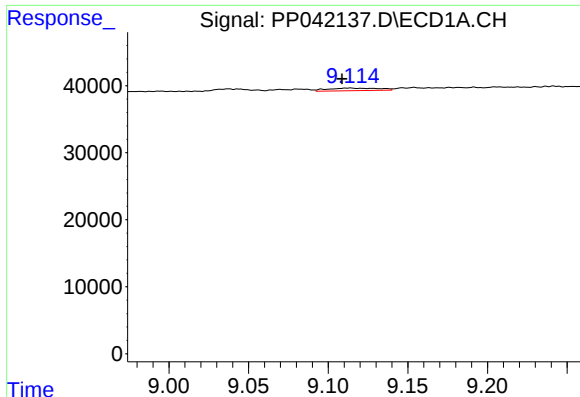
#34 AR-1260-4

R.T.: 8.776 min
Delta R.T.: -0.011 min
Response: 27029
Conc: 42.81 ng/ml



#34 AR-1260-4

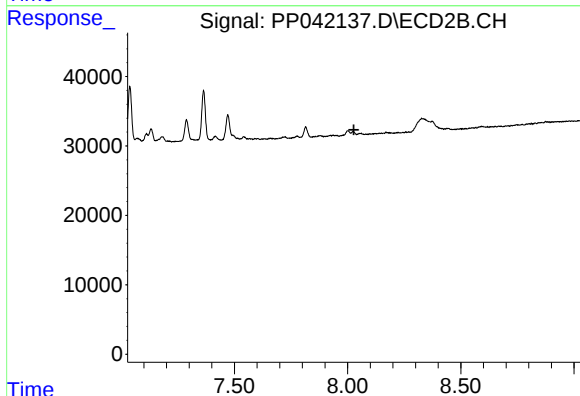
R.T.: 0.000 min
Exp R.T.: 7.781 min
Response: 0
Conc: N.D.



#35 AR-1260-5

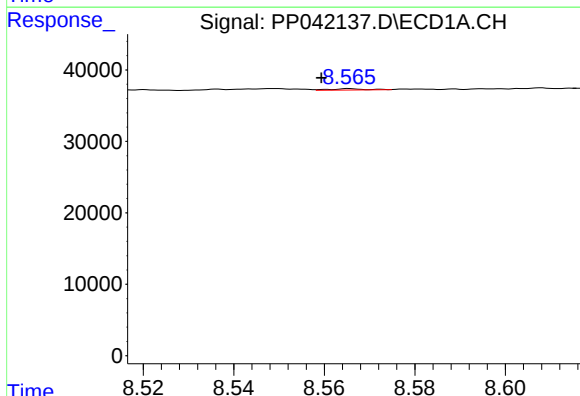
R.T.: 9.114 min
Delta R.T.: 0.005 min
Response: 8703
Conc: 7.22 ng/ml

Instrument :
ECD_P
ClientSampleId :



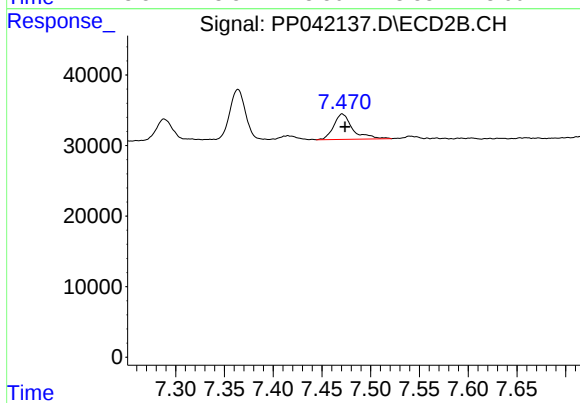
#35 AR-1260-5

R.T.: 0.000 min
Exp R.T. : 8.028 min
Response: 0
Conc: N.D.



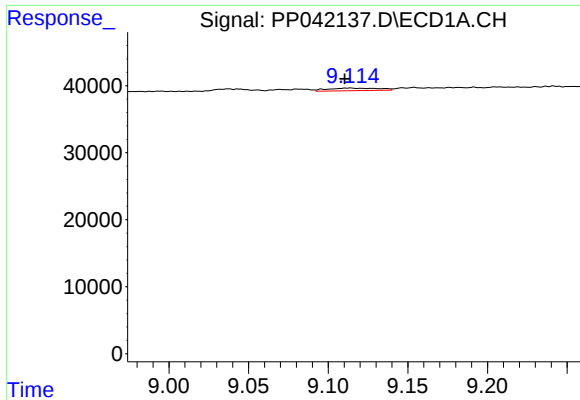
#36 AR-1262-1

R.T.: 8.566 min
Delta R.T.: 0.006 min
Response: 913
Conc: 1.24 ng/ml



#36 AR-1262-1

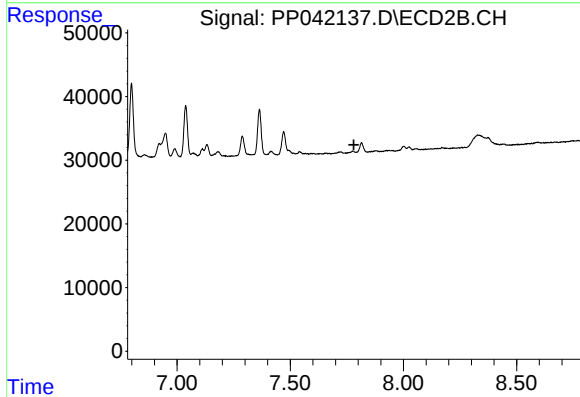
R.T.: 7.471 min
Delta R.T.: -0.003 min
Response: 48827
Conc: 61.22 ng/ml



#37 AR-1262-2

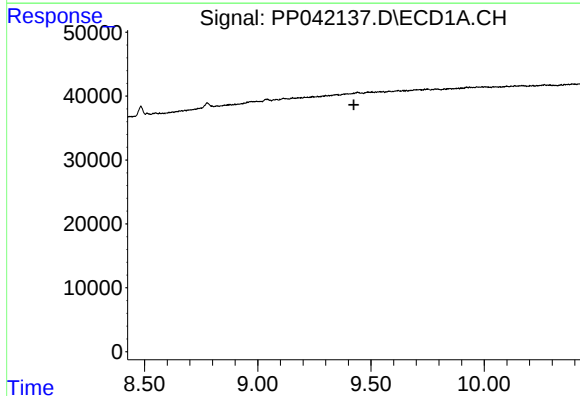
R.T.: 9.114 min
Delta R.T.: 0.004 min
Response: 8703
Conc: 7.00 ng/ml

Instrument :
ECD_P
ClientSampleId :



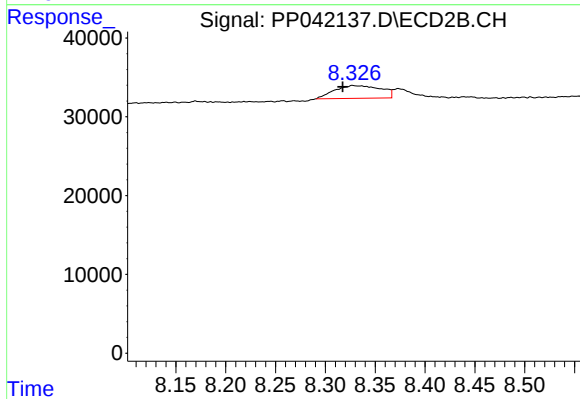
#37 AR-1262-2

R.T.: 0.000 min
Exp R.T. : 7.781 min
Response: 0
Conc: N.D.



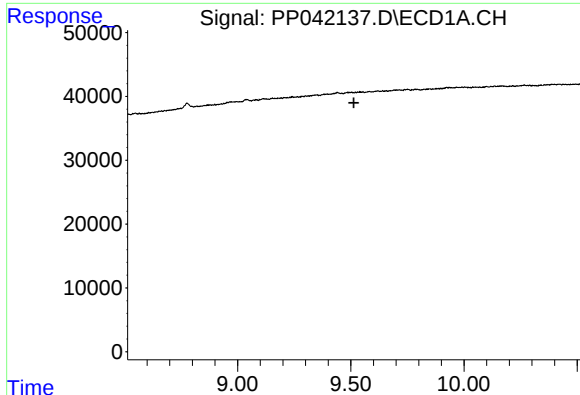
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 9.424 min
Response: 0
Conc: N.D.



#38 AR-1262-3

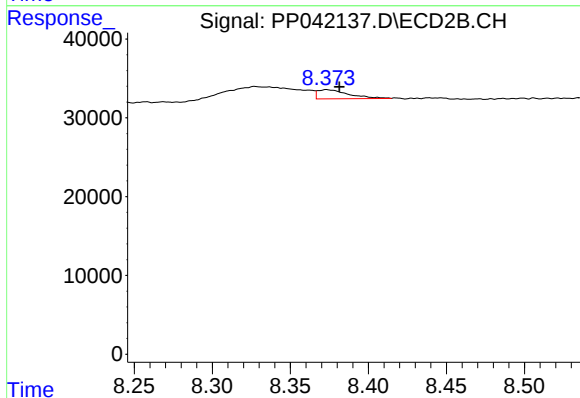
R.T.: 8.327 min
Delta R.T.: 0.010 min
Response: 52570
Conc: 50.30 ng/ml



#39 AR-1262-4

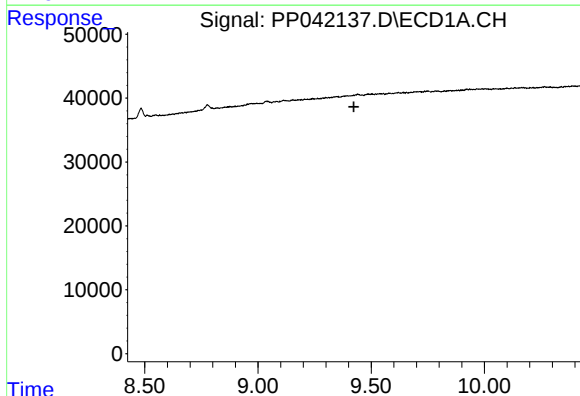
R.T.: 0.000 min
Exp R.T.: 9.514 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



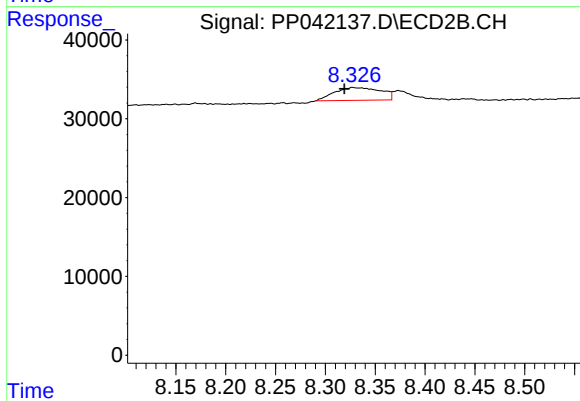
#39 AR-1262-4

R.T.: 8.373 min
Delta R.T.: -0.008 min
Response: 15907
Conc: 8.55 ng/ml



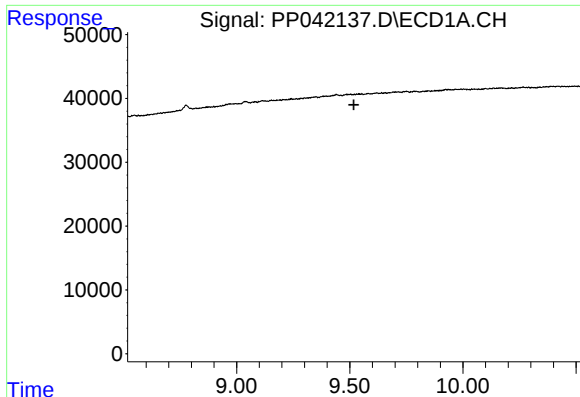
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T.: 9.424 min
Response: 0
Conc: N.D.



#41 AR-1268-1

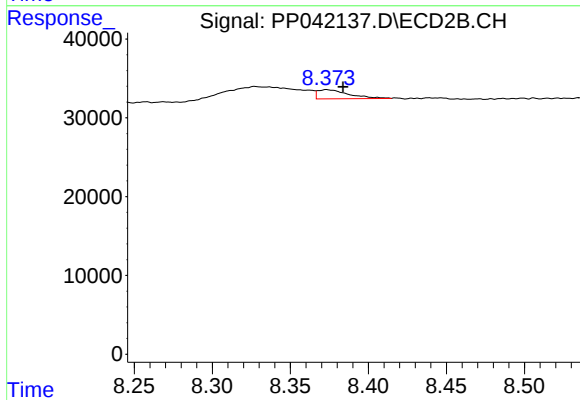
R.T.: 8.327 min
Delta R.T.: 0.008 min
Response: 52570
Conc: 19.35 ng/ml



#42 AR-1268-2

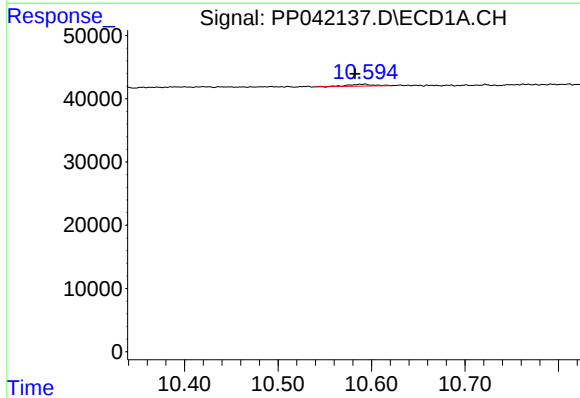
R.T.: 0.000 min
Exp R.T.: 9.518 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



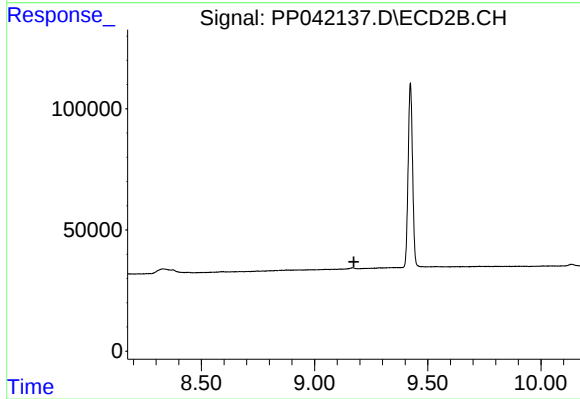
#42 AR-1268-2

R.T.: 8.373 min
Delta R.T.: -0.010 min
Response: 15907
Conc: 6.10 ng/ml



#45 AR-1268-5

R.T.: 10.593 min
Delta R.T.: 0.011 min
Response: 5915
Conc: 1.43 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 9.174 min
Response: 0
Conc: N.D.