

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP032221\
 Data File : PP034224.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 22 Mar 2021 17:46
 Operator : DD\AJ
 Sample : M1660-04
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 23 02:02:41 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP031821.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Mar 20 01:42:16 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...	4.849	4.261	1386186	821618	16.501	18.567
2)	SA Decachlor...	10.773	9.570	1198352	961870	15.270	36.450 #
Target Compounds							
3)	L1 AR-1016-1	6.171	0.000	29076	0	11.560	N.D. #
4)	L1 AR-1016-2	6.171f	0.000	29076	0	7.680	N.D. #
6)	L1 AR-1016-4	0.000	5.778	0	18571	N.D.	25.290 #
7)	L1 AR-1016-5	6.670	6.001	31798	14623	16.466	15.479
8)	L2 AR-1221-1	5.097	4.507	364853	19113	401.817	40.745 #
9)	L2 AR-1221-2	5.199	4.615	15303	9958	22.236	28.082 #
10)	L2 AR-1221-3	5.300	0.000	49155	0	23.712	N.D. #
11)	L3 AR-1232-1	5.300	0.000	49155	0	29.990	N.D. #
13)	L3 AR-1232-3	6.171f	0.000	29076	0	18.695	N.D. #
14)	L3 AR-1232-4	0.000	5.825	0	10417	N.D.	30.014 #
15)	L3 AR-1232-5	6.457	6.001	37775	14623	68.990	39.983 #
16)	L4 AR-1242-1	6.171	0.000	29076	0	14.592	N.D. #
17)	L4 AR-1242-2	6.171f	0.000	29076	0	9.779	N.D. #
19)	L4 AR-1242-4	0.000	5.825	0	10417	N.D.	14.379 #
20)	L4 AR-1242-5	7.140	6.387	110809	98165	72.684	125.075 #
21)	L5 AR-1248-1	6.171	0.000	29076	0	19.447	N.D. #
22)	L5 AR-1248-2	6.457	5.778	37775	18571	18.001	18.597
23)	L5 AR-1248-3	6.670	5.825	31798	10417	12.486	9.878
24)	L5 AR-1248-4	7.098	6.001	108154	14623	41.860	11.916 #
25)	L5 AR-1248-5	7.140	6.431	110809	10470	42.700	10.370 #
26)	L6 AR-1254-1	7.068	6.387	167082	98165	61.046	58.540
27)	L6 AR-1254-2	7.292	6.543	447952	85249	107.576	58.785 #
28)	L6 AR-1254-3	7.677	6.963	703017	431521	161.866	188.427
29)	L6 AR-1254-4	7.970	7.200	234644	95504	80.824	79.870
30)	L6 AR-1254-5	8.399	7.627	1288767	2984310	386.061	1616.236 #
31)	L7 AR-1260-1	7.843	7.099	602349	398636	188.981	255.709 #
32)	L7 AR-1260-2	8.108	7.293	1175472	427327	312.795	238.824
33)	L7 AR-1260-3	8.472	7.449	532100	311560	174.350	184.126
34)	L7 AR-1260-4	8.698	7.928	950084	211759	272.891	148.733 #
35)	L7 AR-1260-5	9.021	8.172	948313	574963	138.526	185.162 #
36)	L8 AR-1262-1	8.472	7.627	532100	2984310	119.279	2955.408 #
37)	L8 AR-1262-2	9.021	8.172	948313	574963	125.108	178.131 #
38)	L8 AR-1262-3	9.343	8.459	585643	67976	109.851	49.615 #
39)	L8 AR-1262-4	9.395f	8.520	440173	367209	102.137	151.642 #
40)	L8 AR-1262-5	10.057	9.019	257116	242943	90.532	231.077 #
41)	L9 AR-1268-1	9.343	8.459	585643	67976	58.806	17.173 #
42)	L9 AR-1268-2	9.395f	8.520	440173	367209	47.176	99.477 #
43)	L9 AR-1268-3	9.631	8.728	67178	67832	7.554	19.909 #
44)	L9 AR-1268-4	10.057	9.019	257116	242943	82.594	201.884 #

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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	10.453	9.294f	225257	170164	8.152	18.251 #

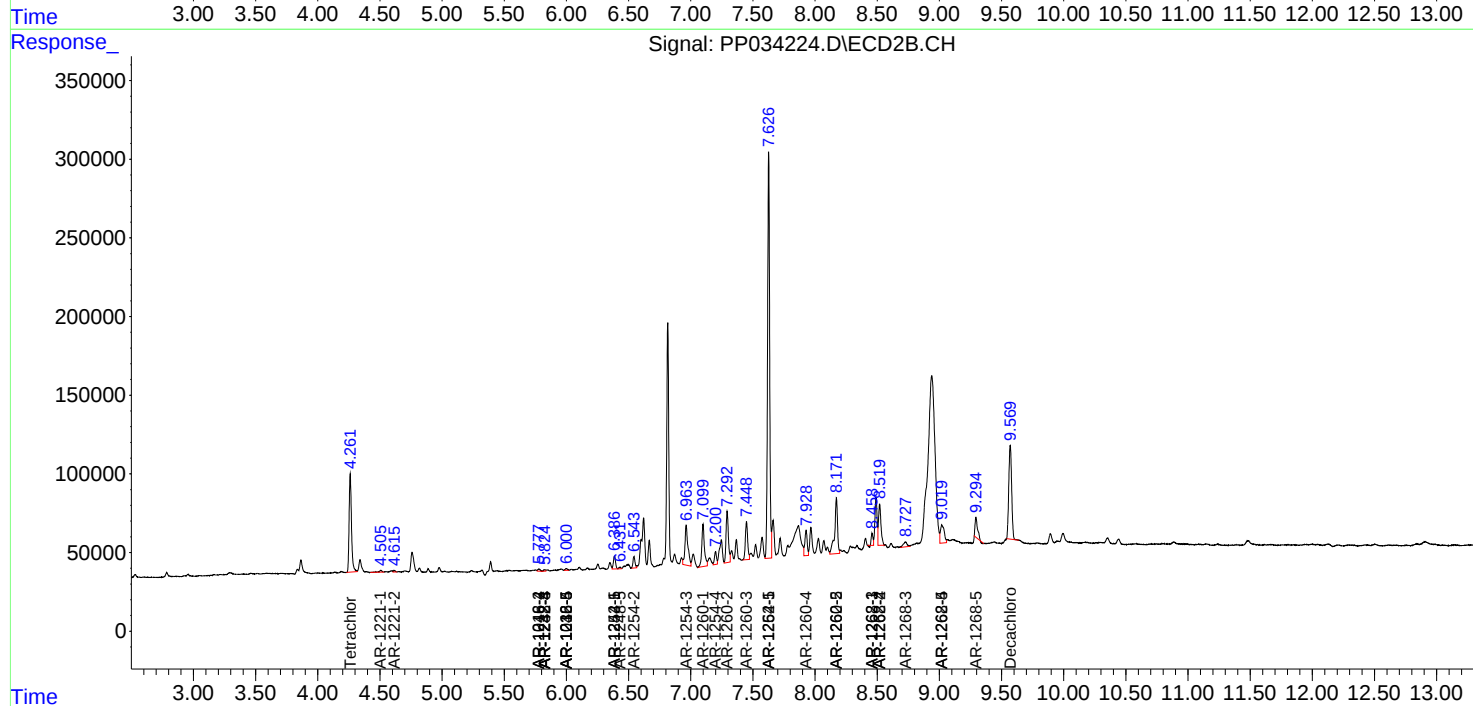
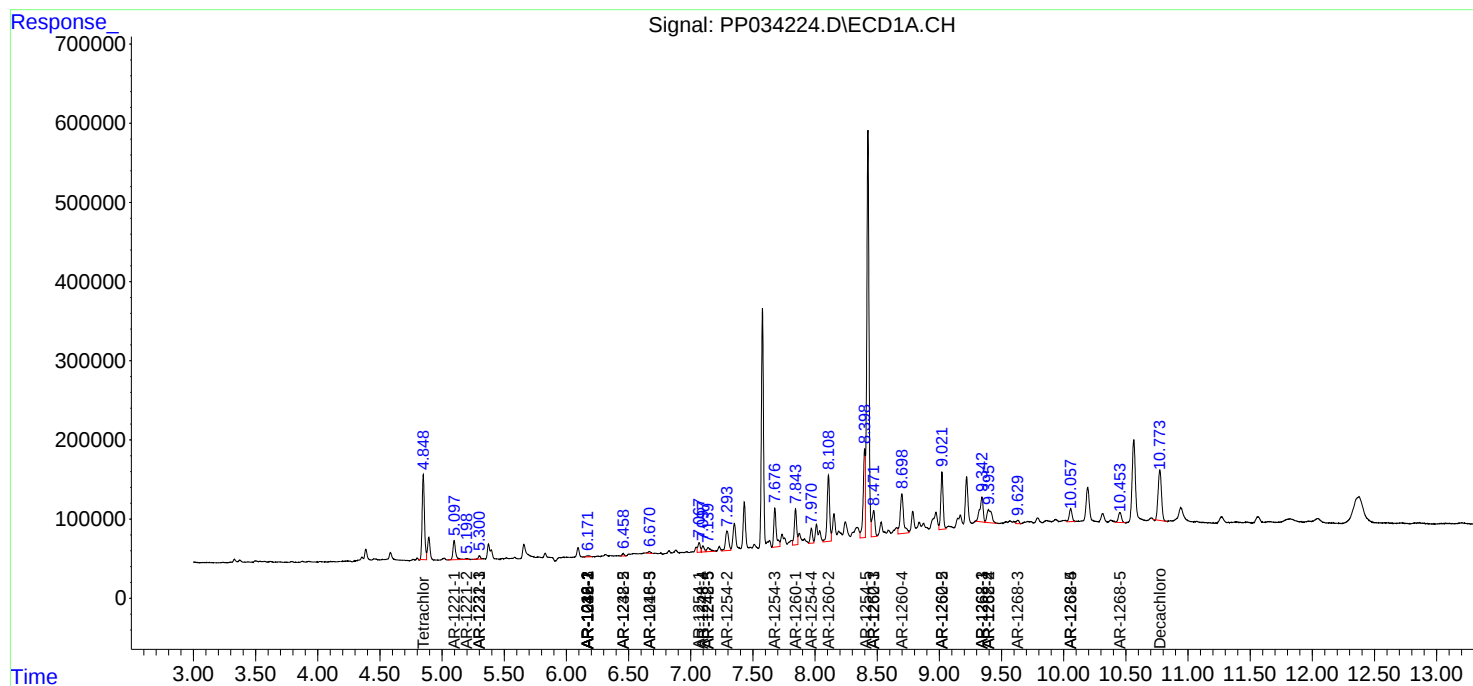
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

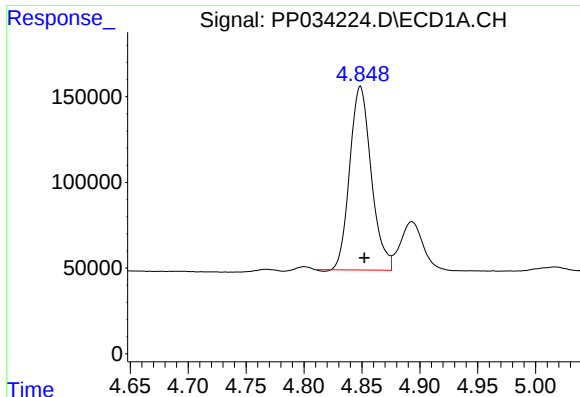
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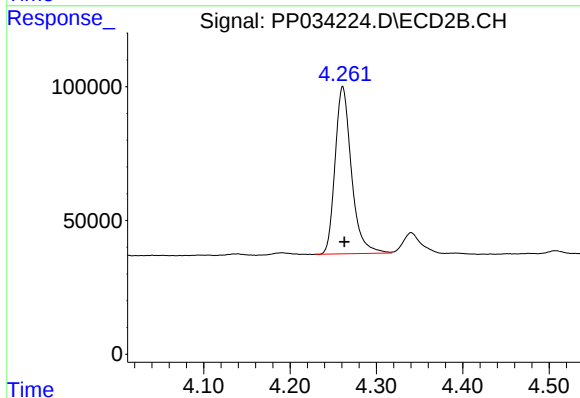




#1 Tetrachloro-m-xylene

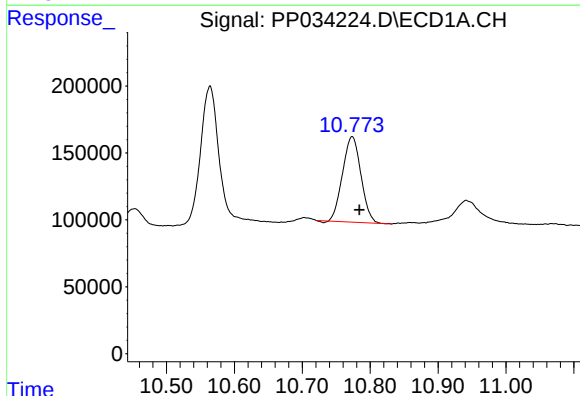
R.T.: 4.849 min
Delta R.T.: -0.003 min
Response: 1386186
Conc: 16.50 ng/ml

Instrument :
ECD_P
ClientSampleId :



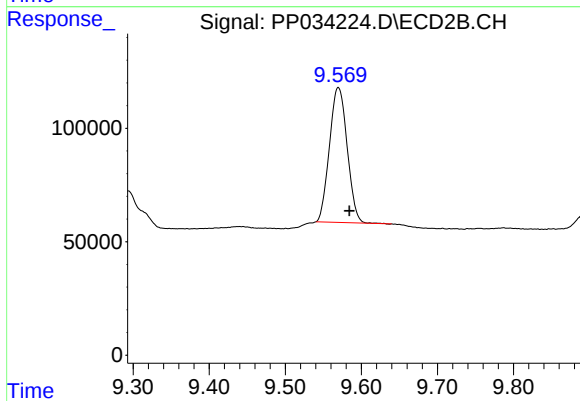
#1 Tetrachloro-m-xylene

R.T.: 4.261 min
Delta R.T.: -0.002 min
Response: 821618
Conc: 18.57 ng/ml



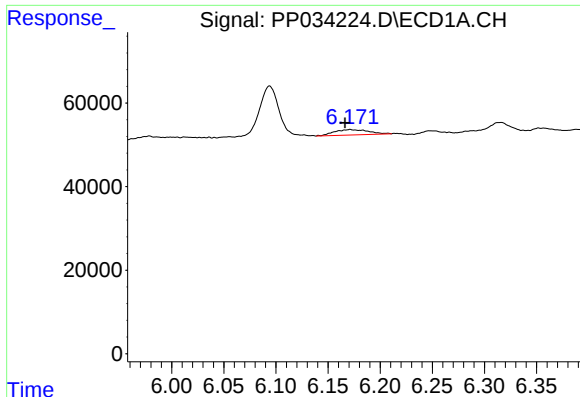
#2 Decachlorobiphenyl

R.T.: 10.773 min
Delta R.T.: -0.011 min
Response: 1198352
Conc: 15.27 ng/ml



#2 Decachlorobiphenyl

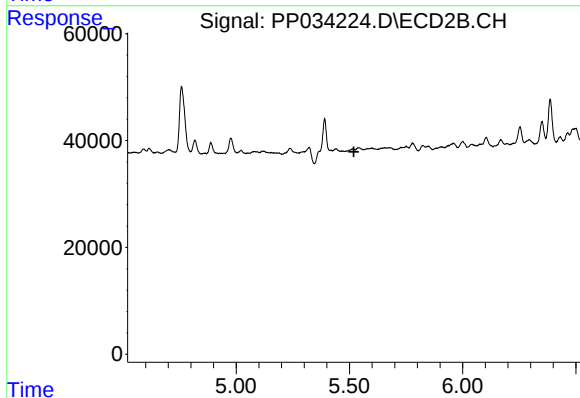
R.T.: 9.570 min
Delta R.T.: -0.015 min
Response: 961870
Conc: 36.45 ng/ml



#3 AR-1016-1

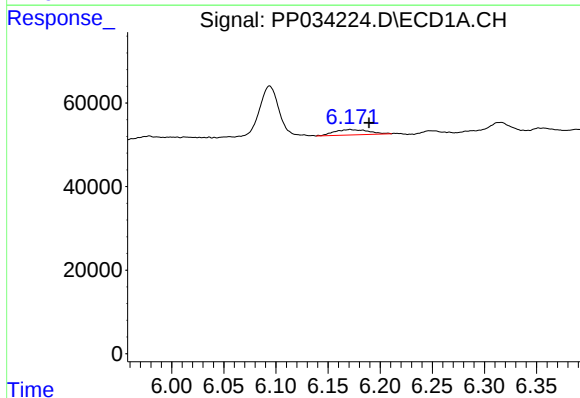
R.T.: 6.171 min
Delta R.T.: 0.005 min
Response: 29076
Conc: 11.56 ng/ml

Instrument :
ECD_P
ClientSampleId :



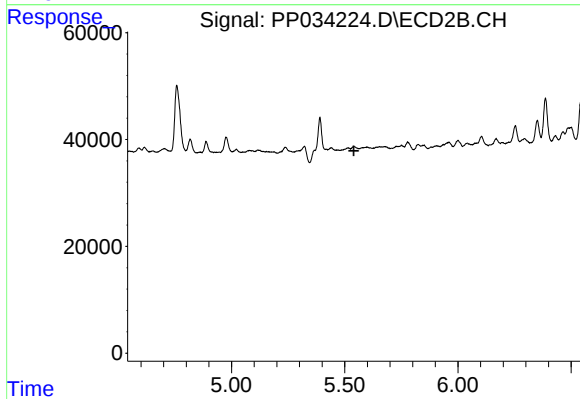
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 5.520 min
Response: 0
Conc: N.D.



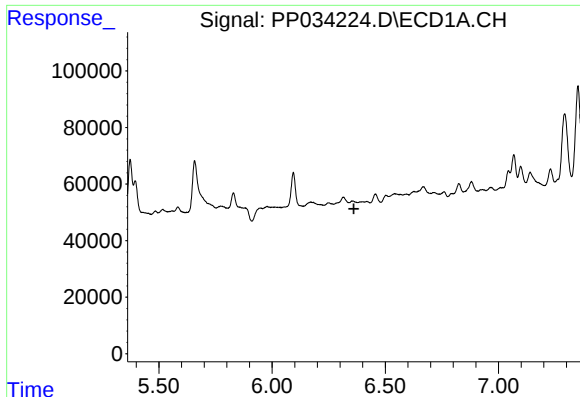
#4 AR-1016-2

R.T.: 6.171 min
Delta R.T.: -0.018 min
Response: 29076
Conc: 7.68 ng/ml



#4 AR-1016-2

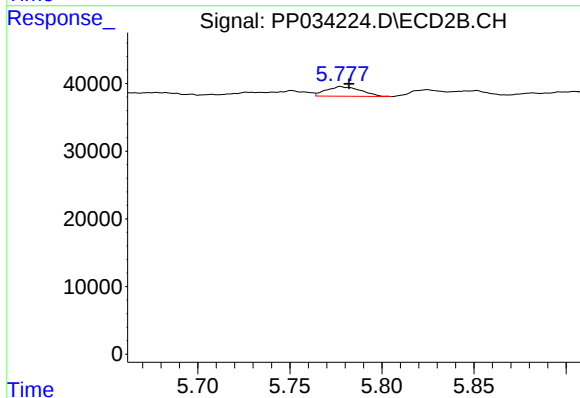
R.T.: 0.000 min
Exp R.T. : 5.540 min
Response: 0
Conc: N.D.



#6 AR-1016-4

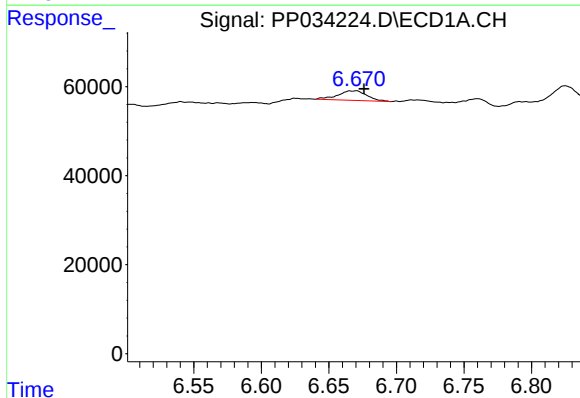
R.T.: 0.000 min
Exp R.T.: 6.361 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



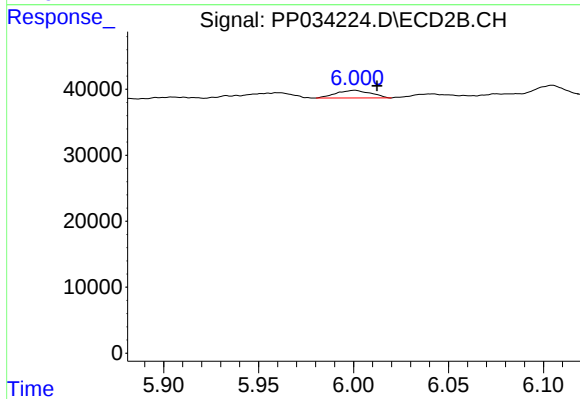
#6 AR-1016-4

R.T.: 5.778 min
Delta R.T.: -0.004 min
Response: 18571
Conc: 25.29 ng/ml



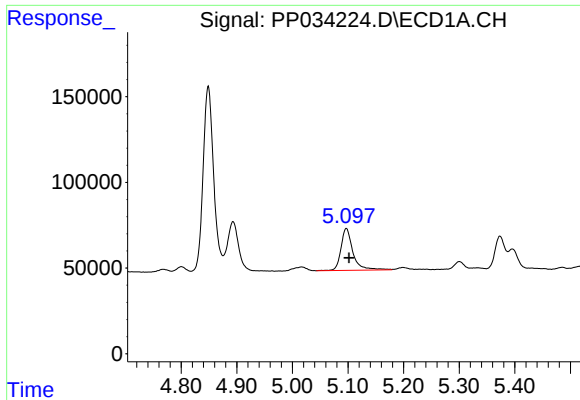
#7 AR-1016-5

R.T.: 6.670 min
Delta R.T.: -0.006 min
Response: 31798
Conc: 16.47 ng/ml



#7 AR-1016-5

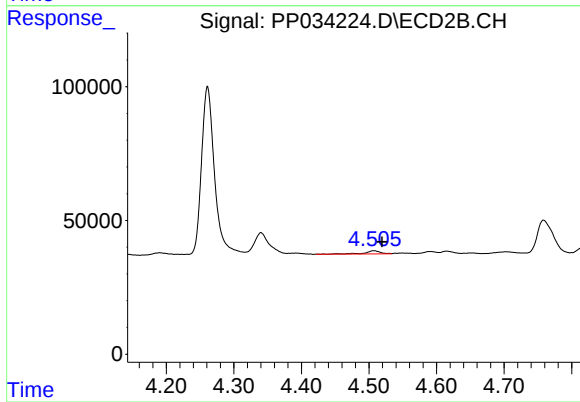
R.T.: 6.001 min
Delta R.T.: -0.012 min
Response: 14623
Conc: 15.48 ng/ml



#8 AR-1221-1

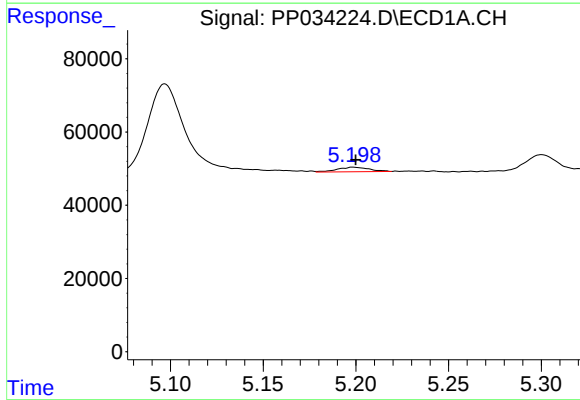
R.T.: 5.097 min
Delta R.T.: -0.005 min
Response: 364853
Conc: 401.82 ng/ml

Instrument :
ECD_P
ClientSampleId :



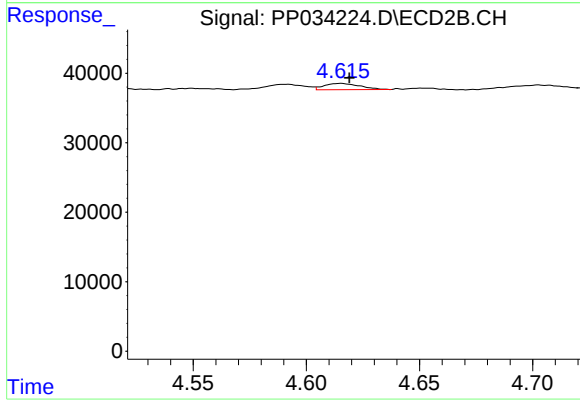
#8 AR-1221-1

R.T.: 4.507 min
Delta R.T.: -0.013 min
Response: 19113
Conc: 40.74 ng/ml



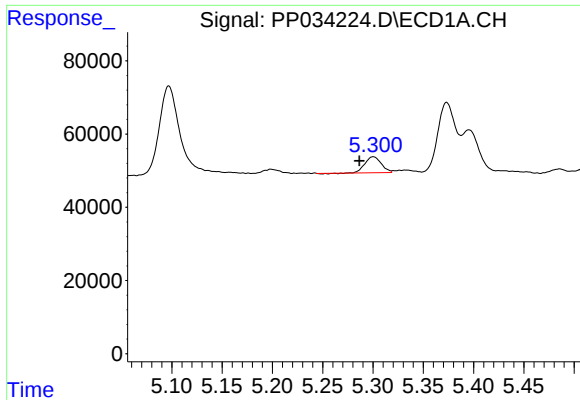
#9 AR-1221-2

R.T.: 5.199 min
Delta R.T.: -0.001 min
Response: 15303
Conc: 22.24 ng/ml



#9 AR-1221-2

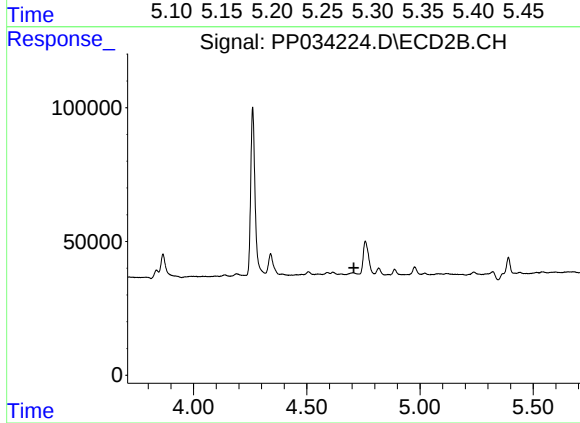
R.T.: 4.615 min
Delta R.T.: -0.004 min
Response: 9958
Conc: 28.08 ng/ml



#10 AR-1221-3

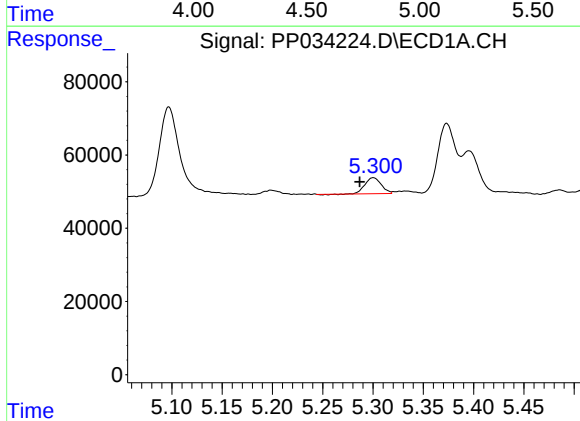
R.T.: 5.300 min
Delta R.T.: 0.014 min
Response: 49155
Conc: 23.71 ng/ml

Instrument :
ECD_P
ClientSampleId :



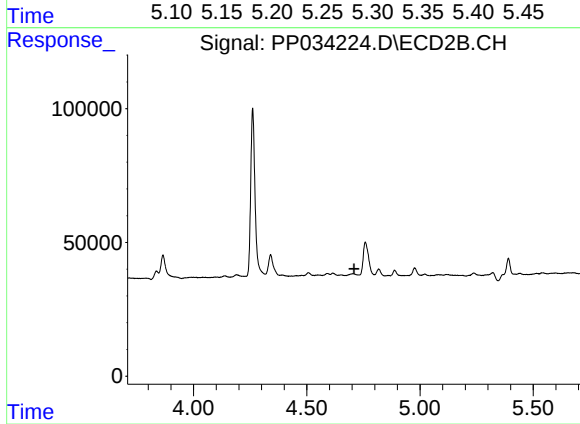
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 4.708 min
Response: 0
Conc: N.D.



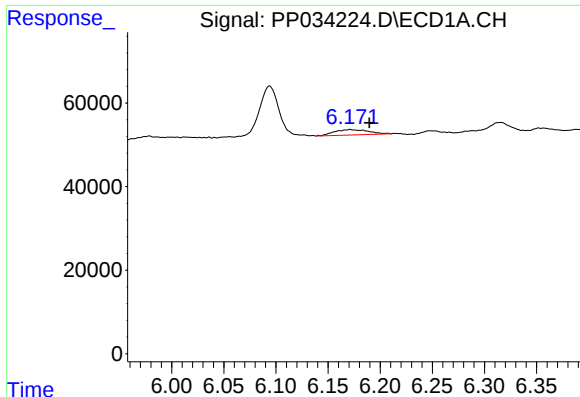
#11 AR-1232-1

R.T.: 5.300 min
Delta R.T.: 0.013 min
Response: 49155
Conc: 29.99 ng/ml



#11 AR-1232-1

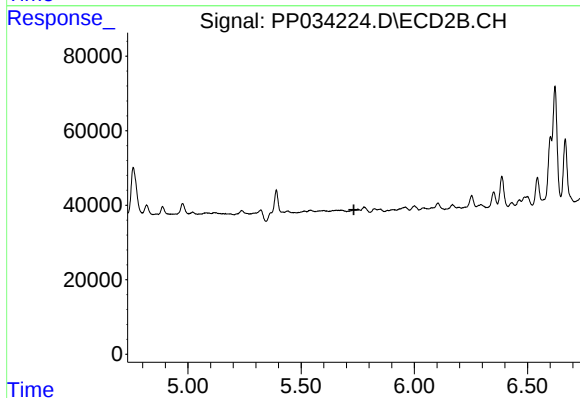
R.T.: 0.000 min
Exp R.T. : 4.708 min
Response: 0
Conc: N.D.



#13 AR-1232-3

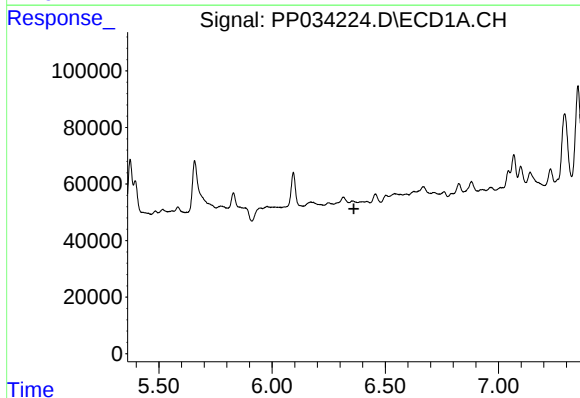
R.T.: 6.171 min
Delta R.T.: -0.019 min
Response: 29076
Conc: 18.70 ng/ml

Instrument :
ECD_P
ClientSampleId :



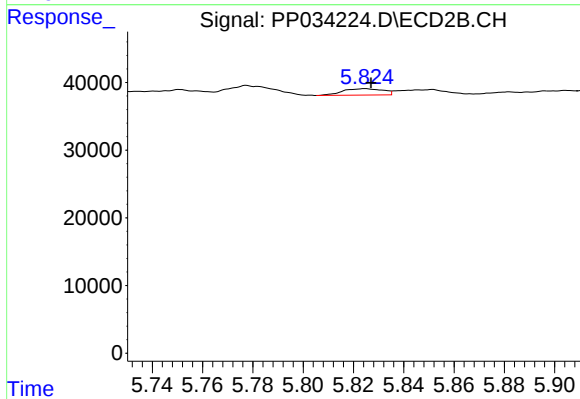
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 5.733 min
Response: 0
Conc: N.D.



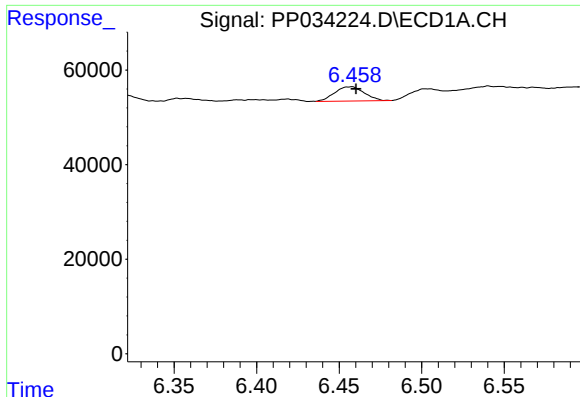
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 6.361 min
Response: 0
Conc: N.D.



#14 AR-1232-4

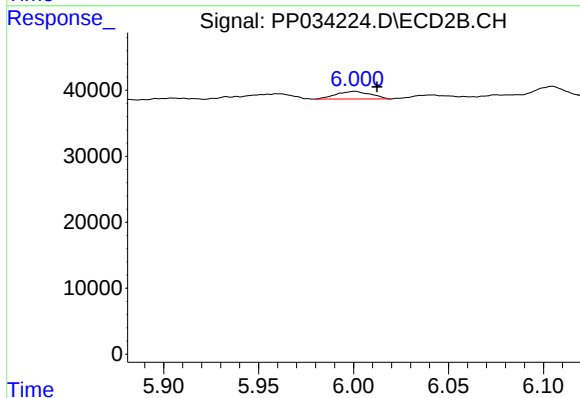
R.T.: 5.825 min
Delta R.T.: -0.002 min
Response: 10417
Conc: 30.01 ng/ml



#15 AR-1232-5

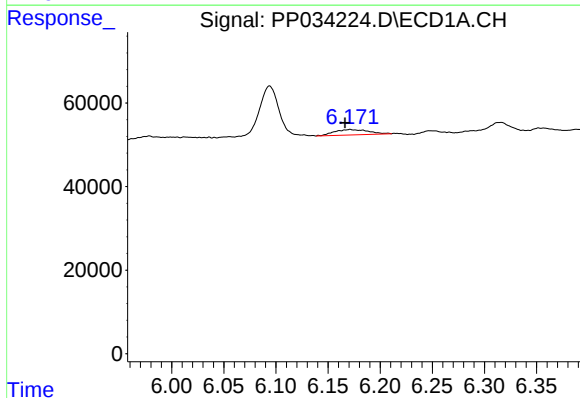
R.T.: 6.457 min
Delta R.T.: -0.003 min
Response: 37775
Conc: 68.99 ng/ml

Instrument :
ECD_P
ClientSampleId :



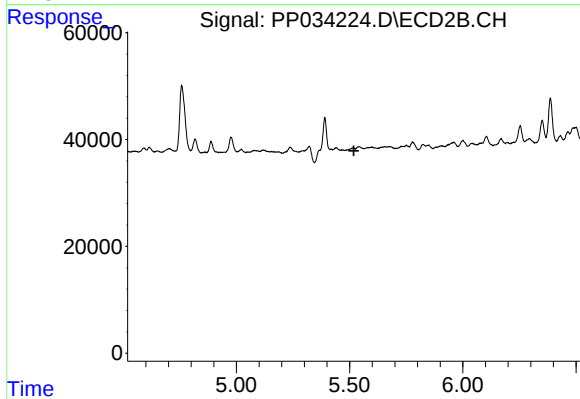
#15 AR-1232-5

R.T.: 6.001 min
Delta R.T.: -0.012 min
Response: 14623
Conc: 39.98 ng/ml



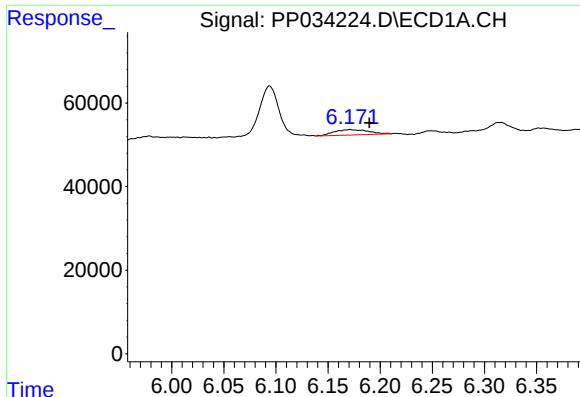
#16 AR-1242-1

R.T.: 6.171 min
Delta R.T.: 0.005 min
Response: 29076
Conc: 14.59 ng/ml



#16 AR-1242-1

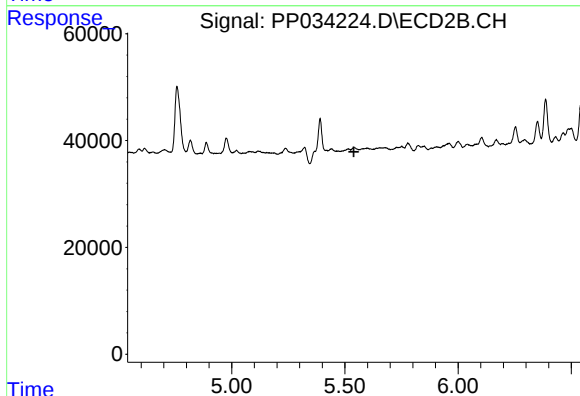
R.T.: 0.000 min
Exp R.T.: 5.519 min
Response: 0
Conc: N.D.



#17 AR-1242-2

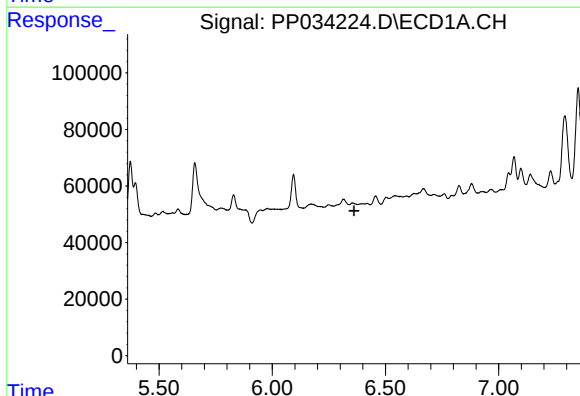
R.T.: 6.171 min
Delta R.T.: -0.019 min
Response: 29076
Conc: 9.78 ng/ml

Instrument :
ECD_P
ClientSampleId :



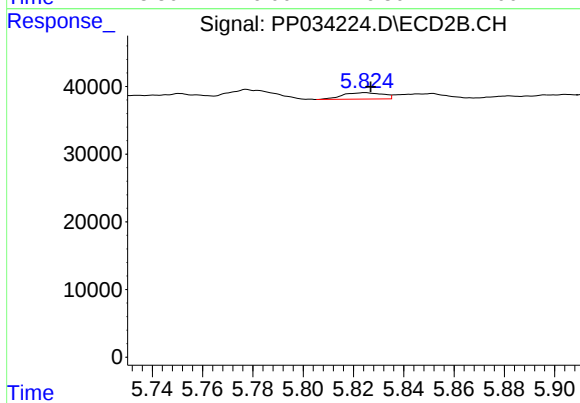
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T. : 5.540 min
Response: 0
Conc: N.D.



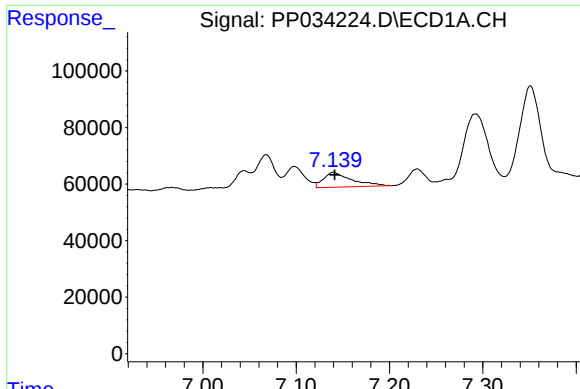
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T. : 6.361 min
Response: 0
Conc: N.D.



#19 AR-1242-4

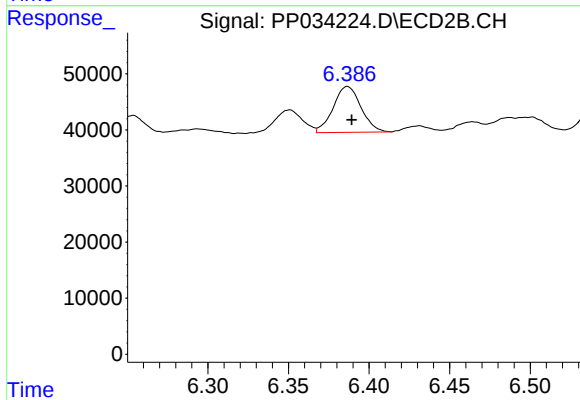
R.T.: 5.825 min
Delta R.T.: -0.002 min
Response: 10417
Conc: 14.38 ng/ml



#20 AR-1242-5

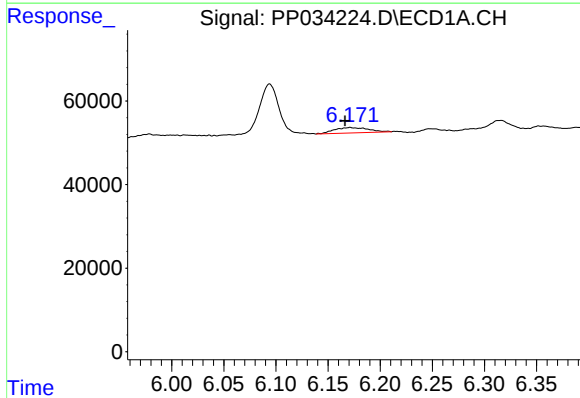
R.T.: 7.140 min
Delta R.T.: -0.002 min
Response: 110809
Conc: 72.68 ng/ml

Instrument :
ECD_P
ClientSampleId :



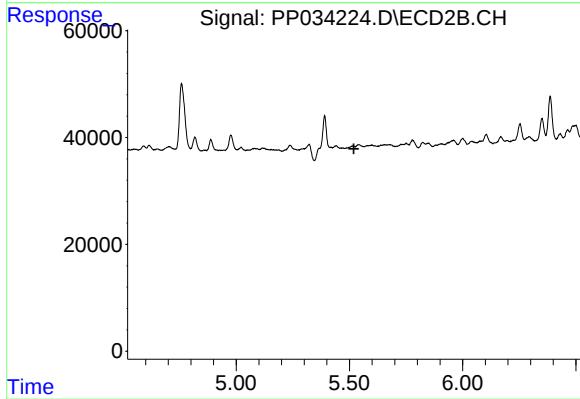
#20 AR-1242-5

R.T.: 6.387 min
Delta R.T.: -0.003 min
Response: 98165
Conc: 125.08 ng/ml



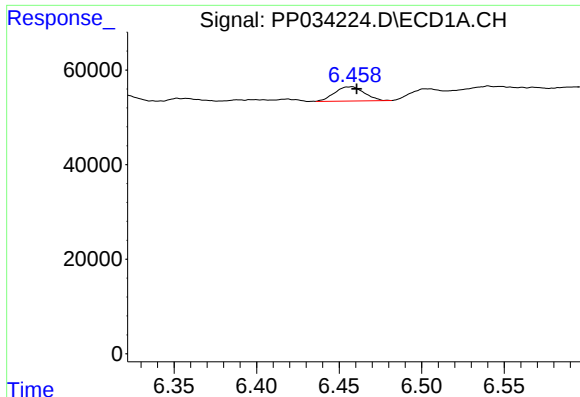
#21 AR-1248-1

R.T.: 6.171 min
Delta R.T.: 0.005 min
Response: 29076
Conc: 19.45 ng/ml



#21 AR-1248-1

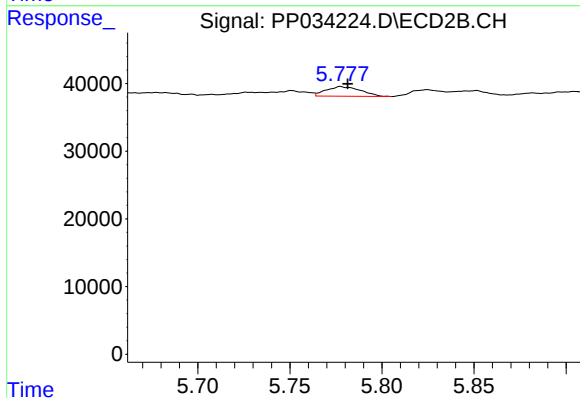
R.T.: 0.000 min
Exp R.T.: 5.520 min
Response: 0
Conc: N.D.



#22 AR-1248-2

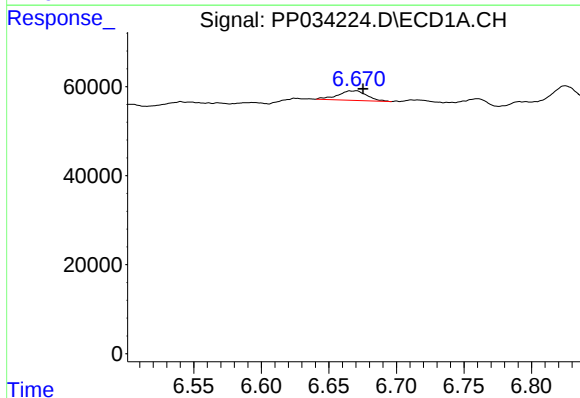
R.T.: 6.457 min
Delta R.T.: -0.003 min
Response: 37775
Conc: 18.00 ng/ml

Instrument :
ECD_P
ClientSampleId :



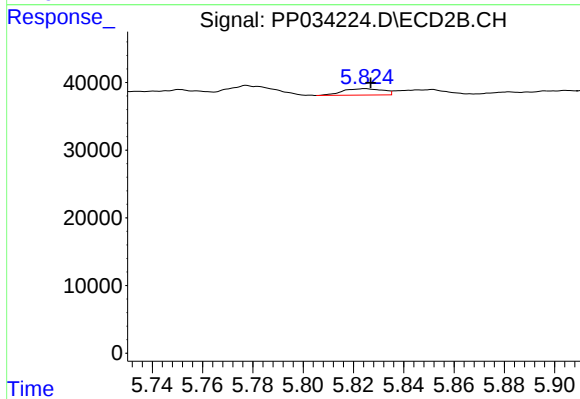
#22 AR-1248-2

R.T.: 5.778 min
Delta R.T.: -0.004 min
Response: 18571
Conc: 18.60 ng/ml



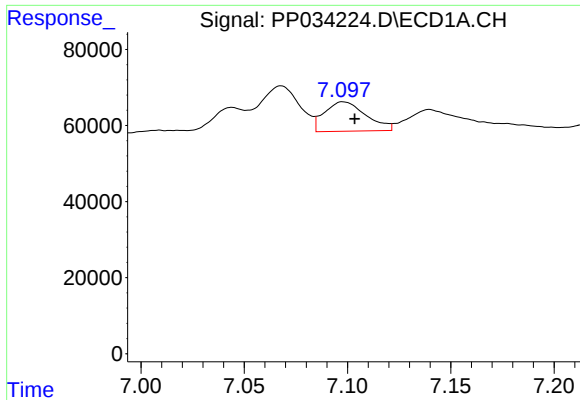
#23 AR-1248-3

R.T.: 6.670 min
Delta R.T.: -0.006 min
Response: 31798
Conc: 12.49 ng/ml



#23 AR-1248-3

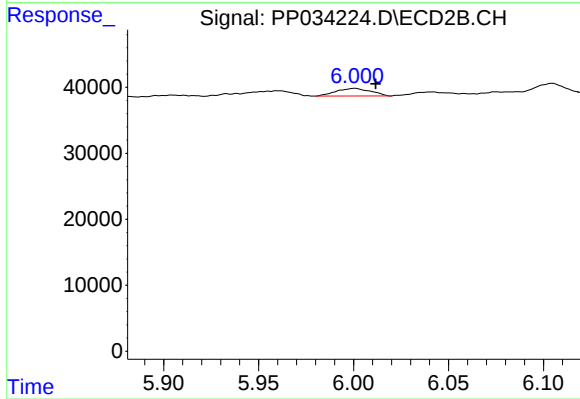
R.T.: 5.825 min
Delta R.T.: -0.002 min
Response: 10417
Conc: 9.88 ng/ml



#24 AR-1248-4

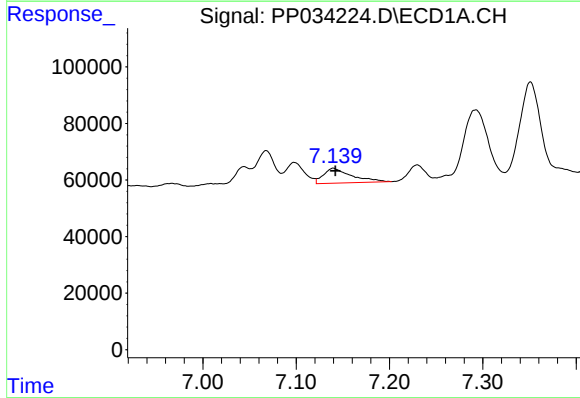
R.T.: 7.098 min
Delta R.T.: -0.005 min
Response: 108154
Conc: 41.86 ng/ml

Instrument :
ECD_P
ClientSampleId :



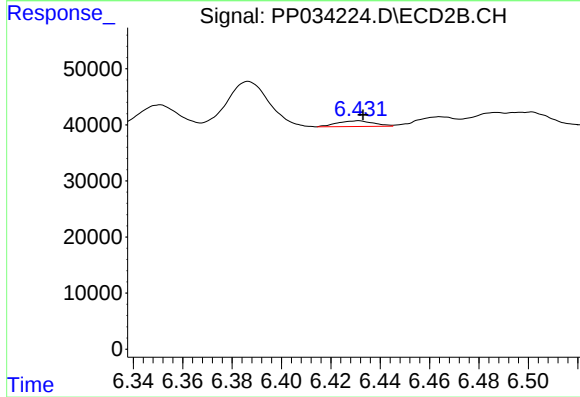
#24 AR-1248-4

R.T.: 6.001 min
Delta R.T.: -0.011 min
Response: 14623
Conc: 11.92 ng/ml



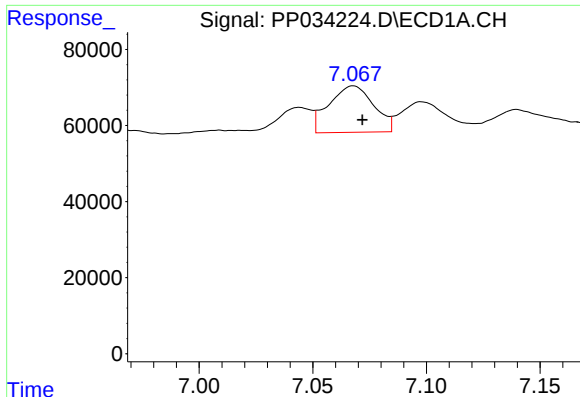
#25 AR-1248-5

R.T.: 7.140 min
Delta R.T.: -0.002 min
Response: 110809
Conc: 42.70 ng/ml



#25 AR-1248-5

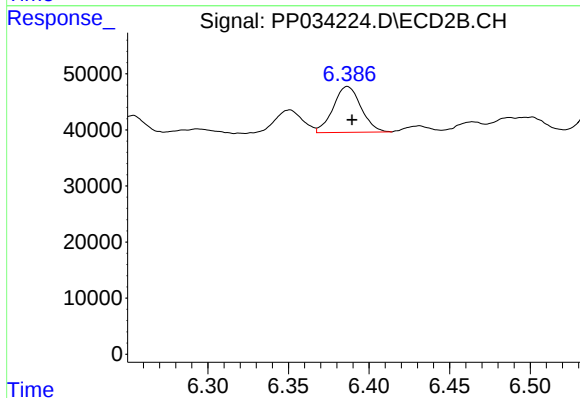
R.T.: 6.431 min
Delta R.T.: -0.002 min
Response: 10470
Conc: 10.37 ng/ml



#26 AR-1254-1

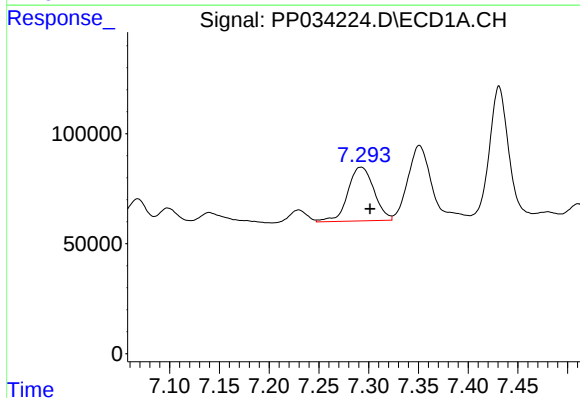
R.T.: 7.068 min
Delta R.T.: -0.004 min
Response: 167082
Conc: 61.05 ng/ml

Instrument :
ECD_P
ClientSampleId :



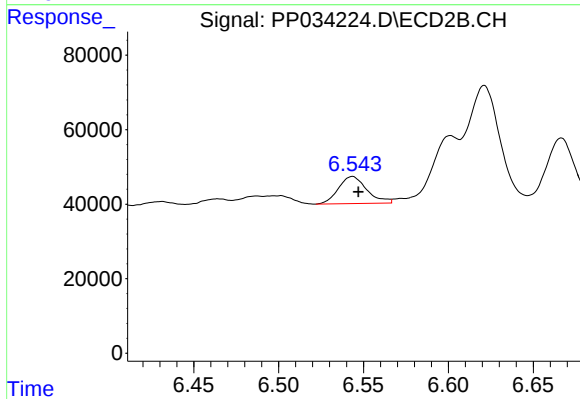
#26 AR-1254-1

R.T.: 6.387 min
Delta R.T.: -0.003 min
Response: 98165
Conc: 58.54 ng/ml



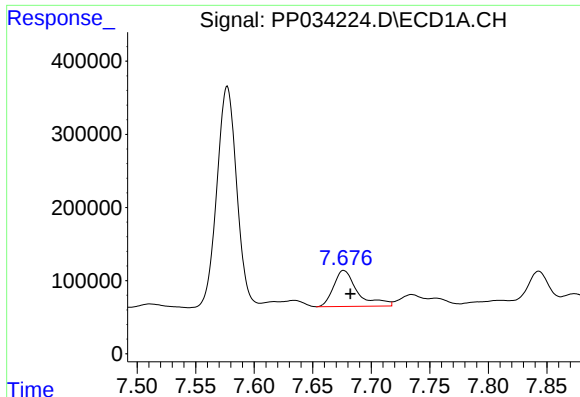
#27 AR-1254-2

R.T.: 7.292 min
Delta R.T.: -0.009 min
Response: 447952
Conc: 107.58 ng/ml



#27 AR-1254-2

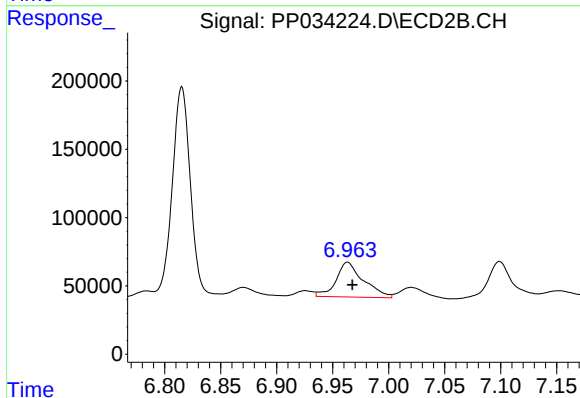
R.T.: 6.543 min
Delta R.T.: -0.003 min
Response: 85249
Conc: 58.78 ng/ml



#28 AR-1254-3

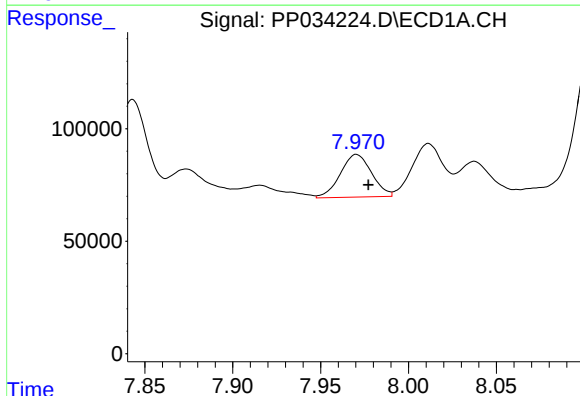
R.T.: 7.677 min
Delta R.T.: -0.006 min
Response: 703017
Conc: 161.87 ng/ml

Instrument :
ECD_P
ClientSampleId :



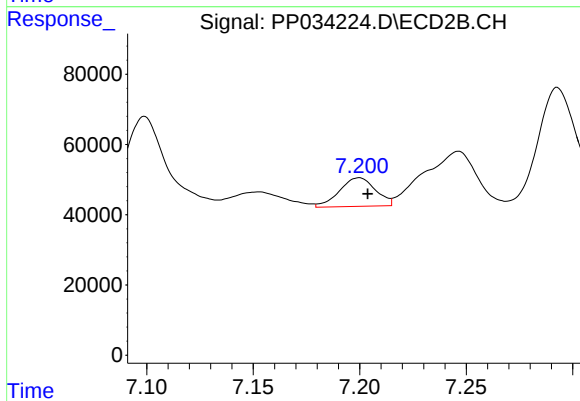
#28 AR-1254-3

R.T.: 6.963 min
Delta R.T.: -0.004 min
Response: 431521
Conc: 188.43 ng/ml



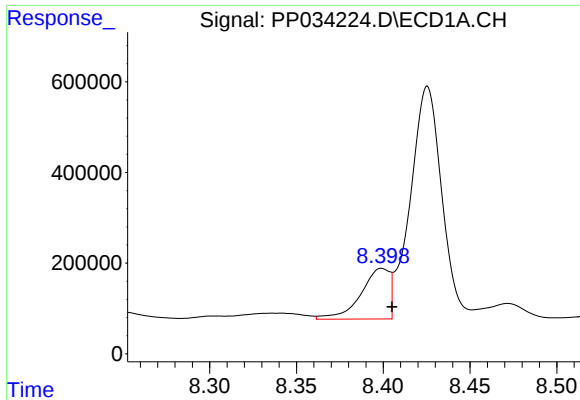
#29 AR-1254-4

R.T.: 7.970 min
Delta R.T.: -0.007 min
Response: 234644
Conc: 80.82 ng/ml



#29 AR-1254-4

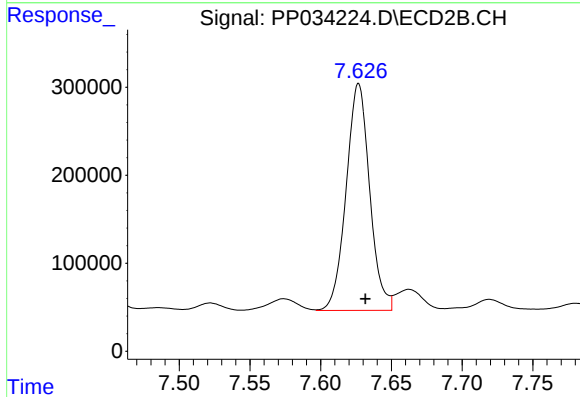
R.T.: 7.200 min
Delta R.T.: -0.004 min
Response: 95504
Conc: 79.87 ng/ml



#30 AR-1254-5

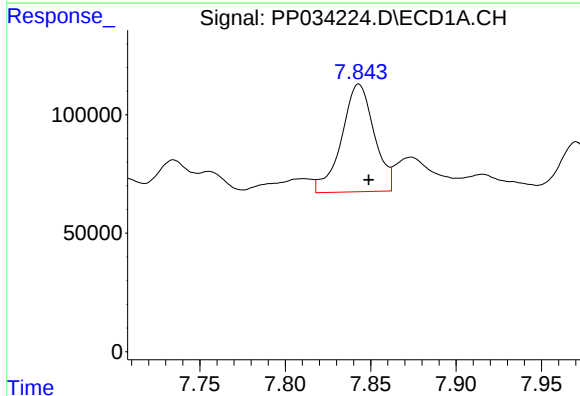
R.T.: 8.399 min
Delta R.T.: -0.006 min
Response: 1288767
Conc: 386.06 ng/ml

Instrument :
ECD_P
ClientSampleId :



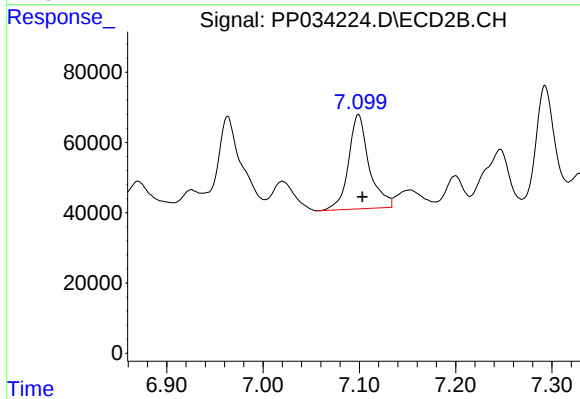
#30 AR-1254-5

R.T.: 7.627 min
Delta R.T.: -0.005 min
Response: 2984310
Conc: 1616.24 ng/ml



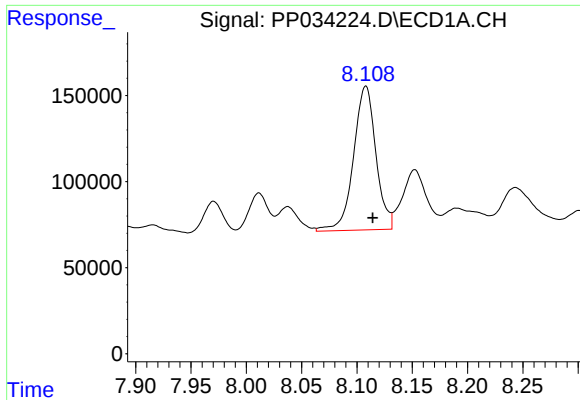
#31 AR-1260-1

R.T.: 7.843 min
Delta R.T.: -0.006 min
Response: 602349
Conc: 188.98 ng/ml



#31 AR-1260-1

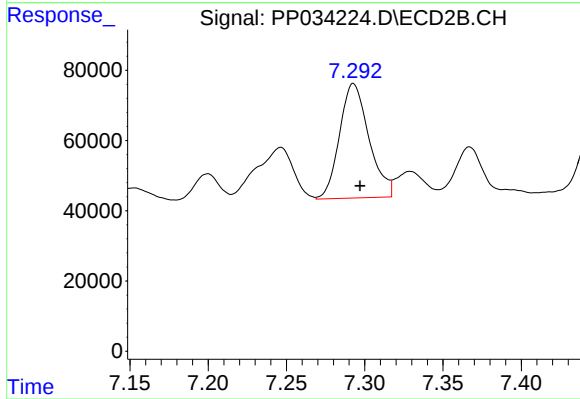
R.T.: 7.099 min
Delta R.T.: -0.004 min
Response: 398636
Conc: 255.71 ng/ml



#32 AR-1260-2

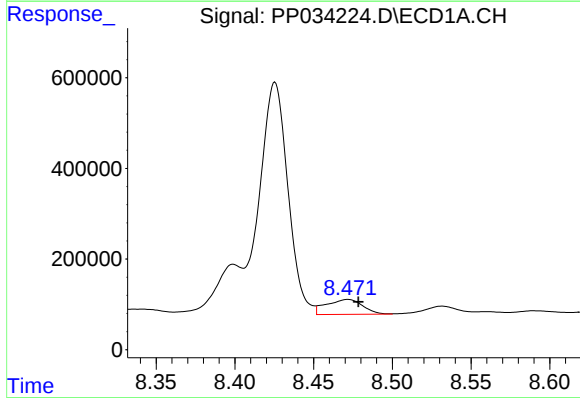
R.T.: 8.108 min
Delta R.T.: -0.006 min
Response: 1175472
Conc: 312.80 ng/ml

Instrument :
ECD_P
ClientSampleId :



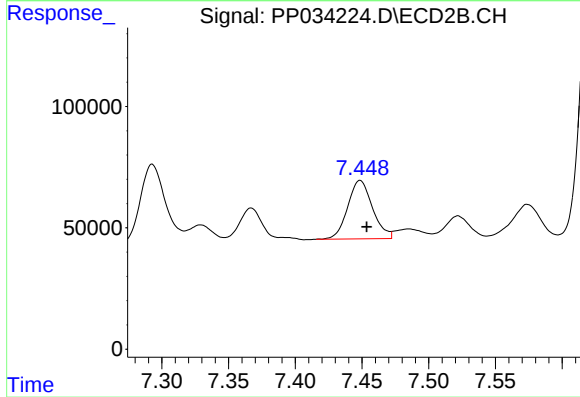
#32 AR-1260-2

R.T.: 7.293 min
Delta R.T.: -0.004 min
Response: 427327
Conc: 238.82 ng/ml



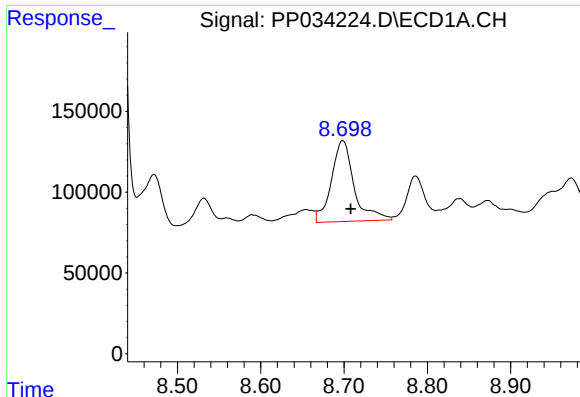
#33 AR-1260-3

R.T.: 8.472 min
Delta R.T.: -0.007 min
Response: 532100
Conc: 174.35 ng/ml



#33 AR-1260-3

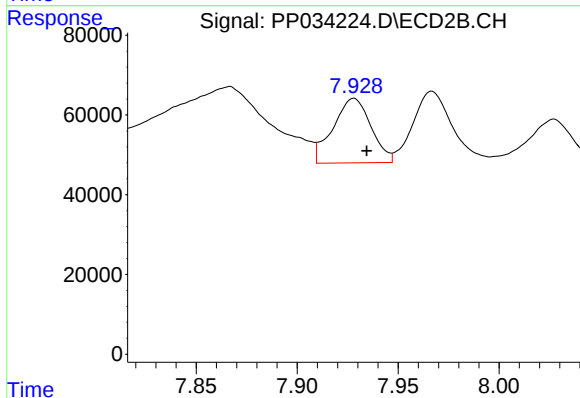
R.T.: 7.449 min
Delta R.T.: -0.005 min
Response: 311560
Conc: 184.13 ng/ml



#34 AR-1260-4

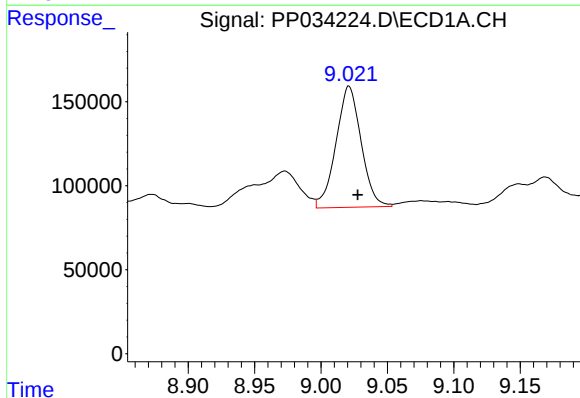
R.T.: 8.698 min
Delta R.T.: -0.010 min
Response: 950084
Conc: 272.89 ng/ml

Instrument :
ECD_P
ClientSampleId :



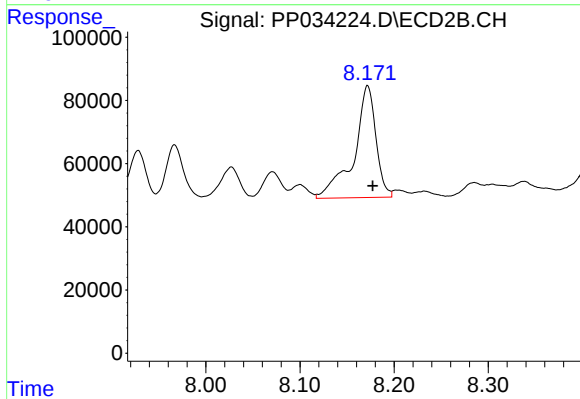
#34 AR-1260-4

R.T.: 7.928 min
Delta R.T.: -0.006 min
Response: 211759
Conc: 148.73 ng/ml



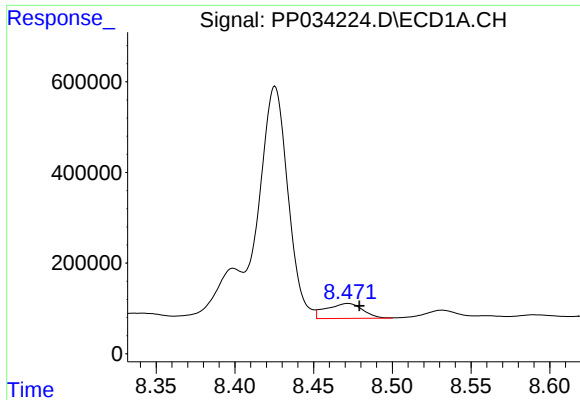
#35 AR-1260-5

R.T.: 9.021 min
Delta R.T.: -0.006 min
Response: 948313
Conc: 138.53 ng/ml



#35 AR-1260-5

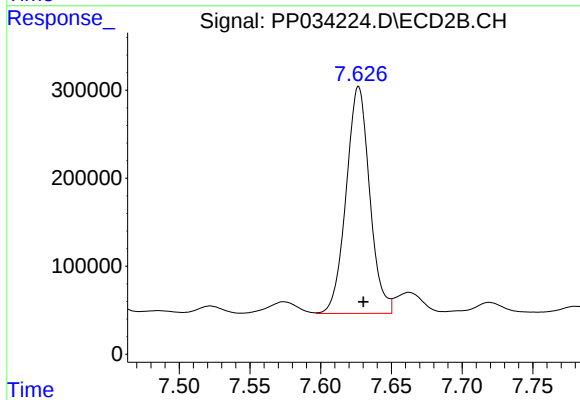
R.T.: 8.172 min
Delta R.T.: -0.005 min
Response: 574963
Conc: 185.16 ng/ml



#36 AR-1262-1

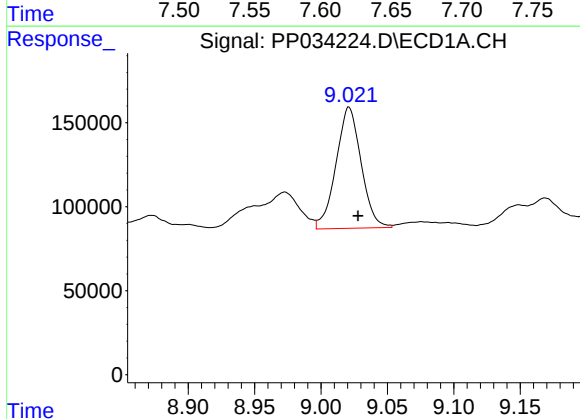
R.T.: 8.472 min
Delta R.T.: -0.007 min
Response: 532100
Conc: 119.28 ng/ml

Instrument :
ECD_P
ClientSampleId :



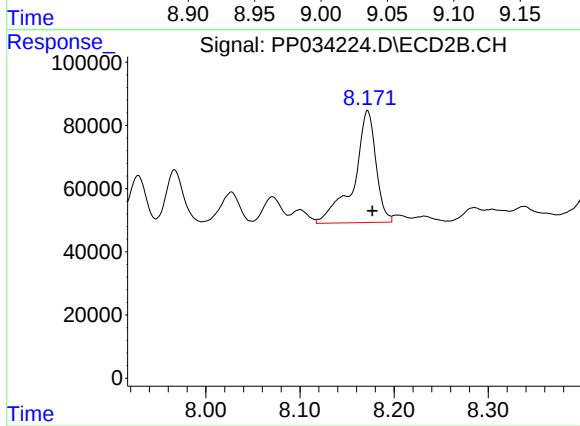
#36 AR-1262-1

R.T.: 7.627 min
Delta R.T.: -0.003 min
Response: 2984310
Conc: 2955.41 ng/ml



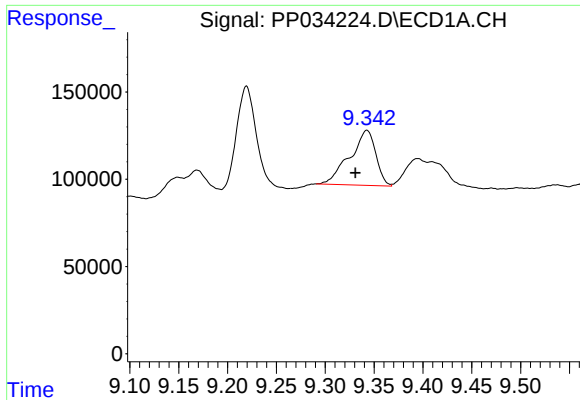
#37 AR-1262-2

R.T.: 9.021 min
Delta R.T.: -0.007 min
Response: 948313
Conc: 125.11 ng/ml



#37 AR-1262-2

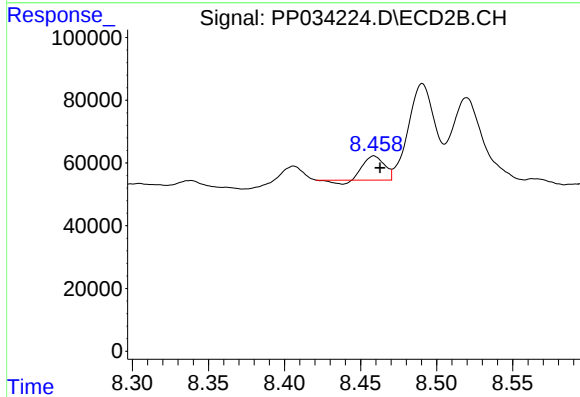
R.T.: 8.172 min
Delta R.T.: -0.005 min
Response: 574963
Conc: 178.13 ng/ml



#38 AR-1262-3

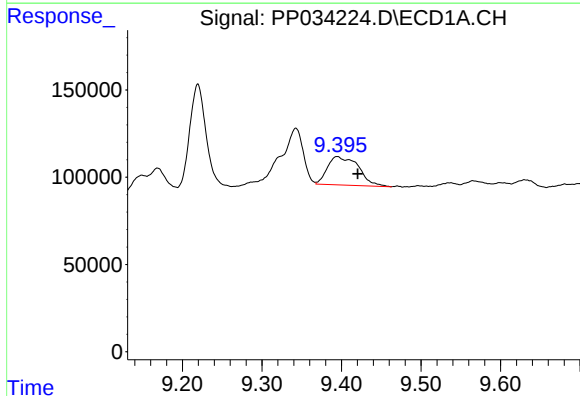
R.T.: 9.343 min
Delta R.T.: 0.012 min
Response: 585643
Conc: 109.85 ng/ml

Instrument :
ECD_P
ClientSampleId :



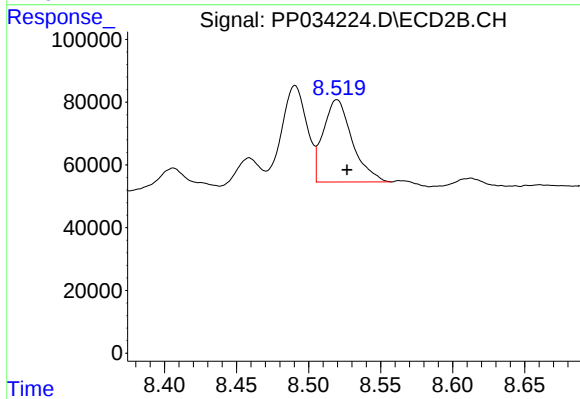
#38 AR-1262-3

R.T.: 8.459 min
Delta R.T.: -0.004 min
Response: 67976
Conc: 49.61 ng/ml



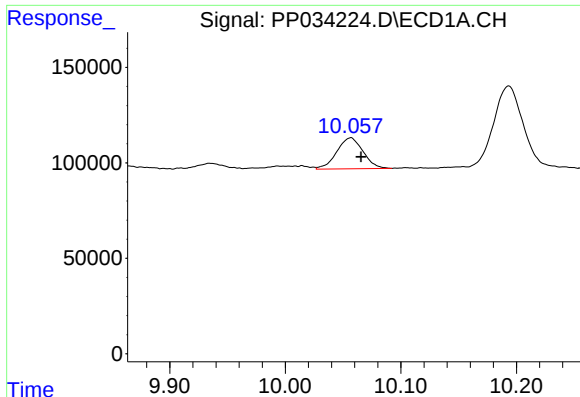
#39 AR-1262-4

R.T.: 9.395 min
Delta R.T.: -0.026 min
Response: 440173
Conc: 102.14 ng/ml



#39 AR-1262-4

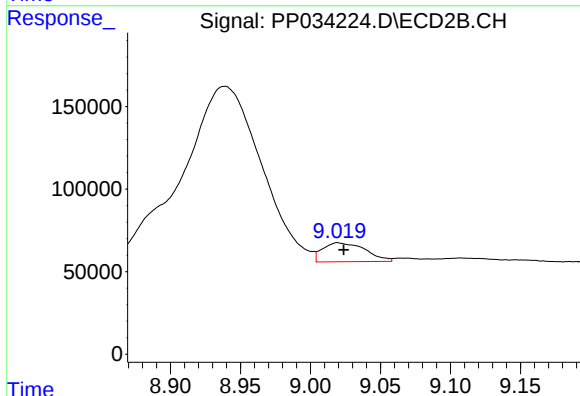
R.T.: 8.520 min
Delta R.T.: -0.007 min
Response: 367209
Conc: 151.64 ng/ml



#40 AR-1262-5

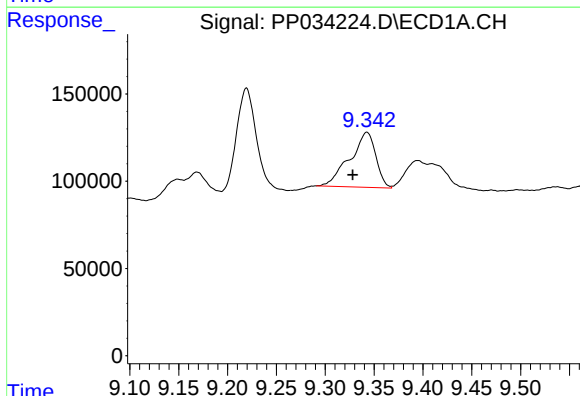
R.T.: 10.057 min
Delta R.T.: -0.009 min
Response: 257116
Conc: 90.53 ng/ml

Instrument :
ECD_P
ClientSampleId :



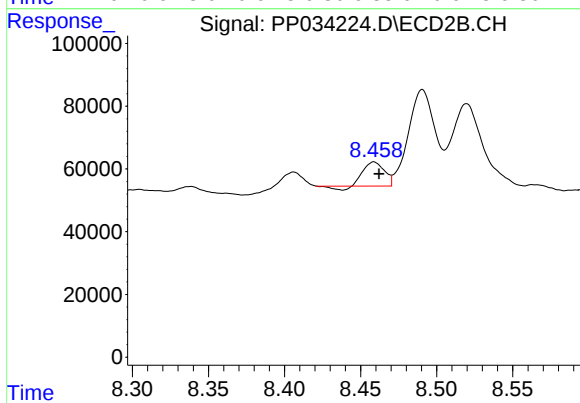
#40 AR-1262-5

R.T.: 9.019 min
Delta R.T.: -0.004 min
Response: 242943
Conc: 231.08 ng/ml



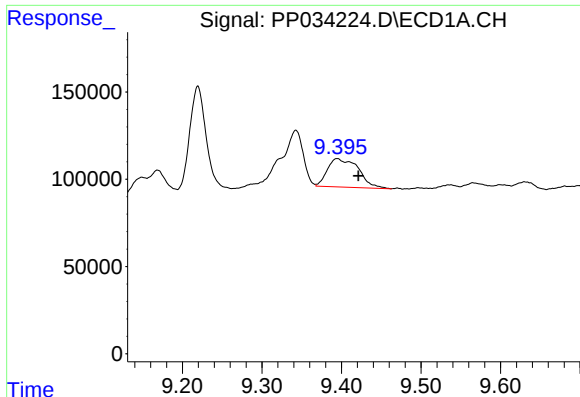
#41 AR-1268-1

R.T.: 9.343 min
Delta R.T.: 0.014 min
Response: 585643
Conc: 58.81 ng/ml



#41 AR-1268-1

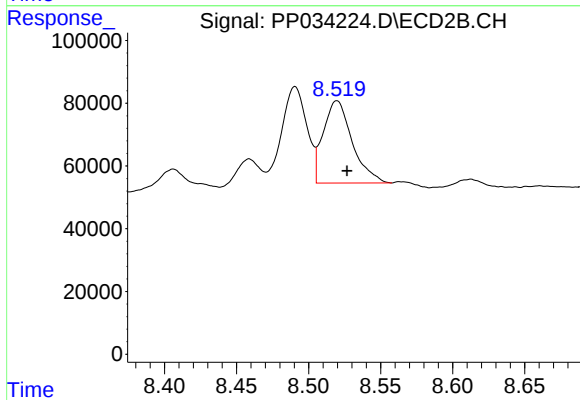
R.T.: 8.459 min
Delta R.T.: -0.003 min
Response: 67976
Conc: 17.17 ng/ml



#42 AR-1268-2

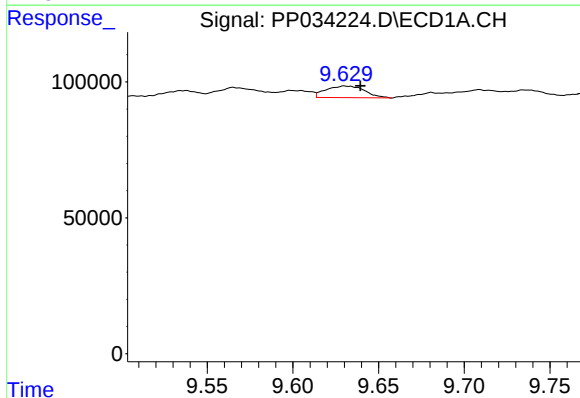
R.T.: 9.395 min
Delta R.T.: -0.027 min
Response: 440173
Conc: 47.18 ng/ml

Instrument :
ECD_P
ClientSampleId :



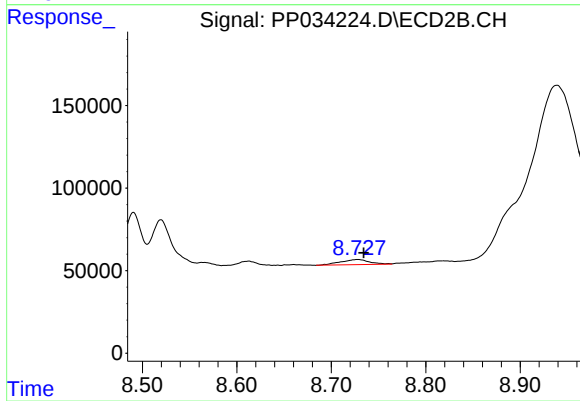
#42 AR-1268-2

R.T.: 8.520 min
Delta R.T.: -0.007 min
Response: 367209
Conc: 99.48 ng/ml



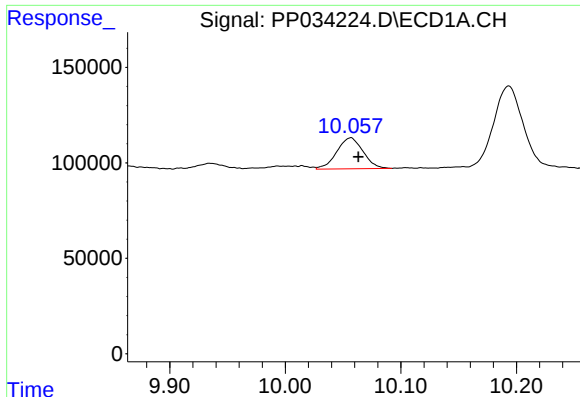
#43 AR-1268-3

R.T.: 9.631 min
Delta R.T.: -0.009 min
Response: 67178
Conc: 7.55 ng/ml



#43 AR-1268-3

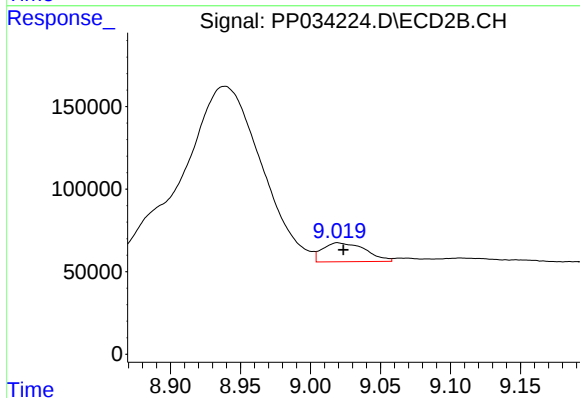
R.T.: 8.728 min
Delta R.T.: -0.007 min
Response: 67832
Conc: 19.91 ng/ml



#44 AR-1268-4

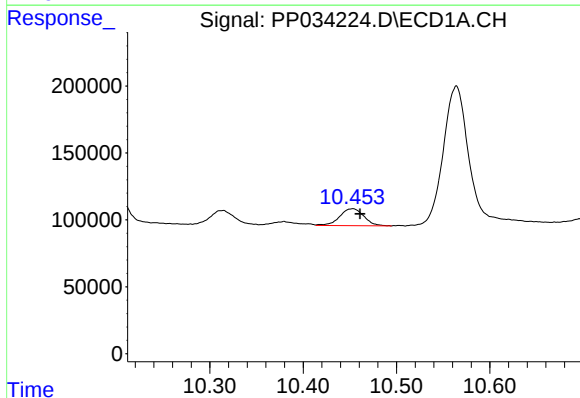
R.T.: 10.057 min
Delta R.T.: -0.007 min
Response: 257116
Conc: 82.59 ng/ml

Instrument :
ECD_P
ClientSampleId :



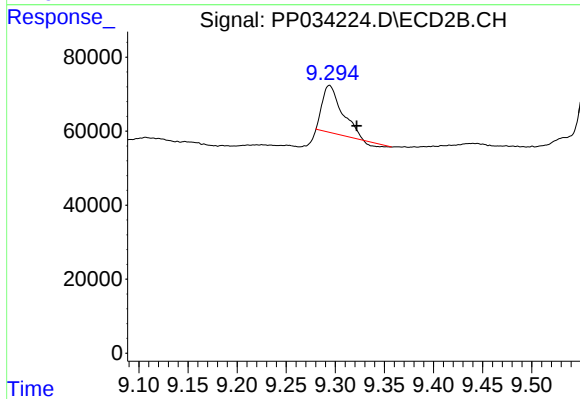
#44 AR-1268-4

R.T.: 9.019 min
Delta R.T.: -0.004 min
Response: 242943
Conc: 201.88 ng/ml



#45 AR-1268-5

R.T.: 10.453 min
Delta R.T.: -0.008 min
Response: 225257
Conc: 8.15 ng/ml



#45 AR-1268-5

R.T.: 9.294 min
Delta R.T.: -0.028 min
Response: 170164
Conc: 18.25 ng/ml