

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP123021\
 Data File : PP042401.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 30 Dec 2021 11:23
 Operator : AJ\MA
 Sample : M5244-16RE
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 31 01:15:44 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP122321.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Dec 24 23:47:53 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...	4.918	4.054	341964	620175	26.045	27.154
2)	SA Decachlor...	10.914	9.398f	414294	519473	34.014	32.122
Target Compounds							
3)	L1 AR-1016-1	0.000	5.344	0	13238	N.D.	14.442 #
4)	L1 AR-1016-2	0.000	5.344	0	13238	N.D.	10.507 #
5)	L1 AR-1016-3	6.321	0.000	8084	0	19.818	N.D. #
6)	L1 AR-1016-4	6.424	5.586	5667	27861	17.396	51.307 #
7)	L1 AR-1016-5	6.741	5.821	8345	7898	24.316	12.114 #
8)	L2 AR-1221-1	5.152	0.000	52882	0	333.725	N.D. #
9)	L2 AR-1221-2	5.266	4.441f	6479	10970	57.465	51.680
10)	L2 AR-1221-3	5.366	0.000	5569	0	15.920	N.D. #
11)	L3 AR-1232-1	5.366	0.000	5569	0	19.279	N.D. #
12)	L3 AR-1232-2	0.000	5.344	0	13238	N.D.	24.879 #
14)	L3 AR-1232-4	6.424	5.632	5667	15972	43.239	66.217 #
15)	L3 AR-1232-5	6.526	5.821	13439	7898	130.236	32.529 #
16)	L4 AR-1242-1	0.000	5.344	0	13238	N.D.	19.442 #
17)	L4 AR-1242-2	0.000	5.344	0	13238	N.D.	14.214 #
18)	L4 AR-1242-3	6.321	0.000	8084	0	26.989	N.D. #
19)	L4 AR-1242-4	6.424	5.632	5667	15972	23.131	31.567 #
20)	L4 AR-1242-5	7.210	6.199	19210	74267	73.860	125.282 #
21)	L5 AR-1248-1	0.000	5.344	0	13238	N.D.	25.482 #
22)	L5 AR-1248-2	6.526	5.586	13439	27861	38.052	39.564
23)	L5 AR-1248-3	6.741	5.632	8345	15972	19.844	21.524
24)	L5 AR-1248-4	7.166	5.821	18217	7898	40.178	9.382 #
25)	L5 AR-1248-5	7.210	6.243	19210	15947	43.085	19.252 #
26)	L6 AR-1254-1	7.139	6.199	30334	74267	60.847	59.377
27)	L6 AR-1254-2	7.370	6.358	56035	66899	73.092	61.475
28)	L6 AR-1254-3	7.749	6.783	51938	163116	67.315	98.183 #
29)	L6 AR-1254-4	8.045	7.022	29233	43496	52.540	44.587
30)	L6 AR-1254-5	8.475	7.454	117757	152916	188.050	119.333 #
31)	L7 AR-1260-1	7.920	6.920	86004	138310	145.122	130.144
32)	L7 AR-1260-2	8.185	7.116	88075	148573	114.070	120.352
33)	L7 AR-1260-3	8.555	7.275	99495	131523	192.332	98.152 #
34)	L7 AR-1260-4	8.783	7.759f	178995	114688	309.133	128.436 #
35)	L7 AR-1260-5	9.105	8.035	167217	6313	142.910	3.280 #
36)	L8 AR-1262-1	8.555	7.454	99495	152916	129.653	229.826 #
37)	L8 AR-1262-2	9.105	7.759	167217	114688	136.431	105.740
38)	L8 AR-1262-3	9.424	8.295	79486	62150	161.707	81.576 #
39)	L8 AR-1262-4	9.507	8.359	44824	149275	121.624	97.996
40)	L8 AR-1262-5	10.164	8.858	38209	21101	83.422	29.511 #
41)	L9 AR-1268-1	9.424	8.295	79486	62150	52.426	27.465 #
42)	L9 AR-1268-2	9.507	8.359f	44824	149275	31.588	68.374 #

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Volume Inj. : 2 µl
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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
43) L9	AR-1268-3	9.745	8.571	15686	25729	12.188	13.937
44) L9	AR-1268-4	10.164	8.858	38209	21101	73.733	26.686 #
45) L9	AR-1268-5	10.581	0.000	15452	0	3.985	N.D. #

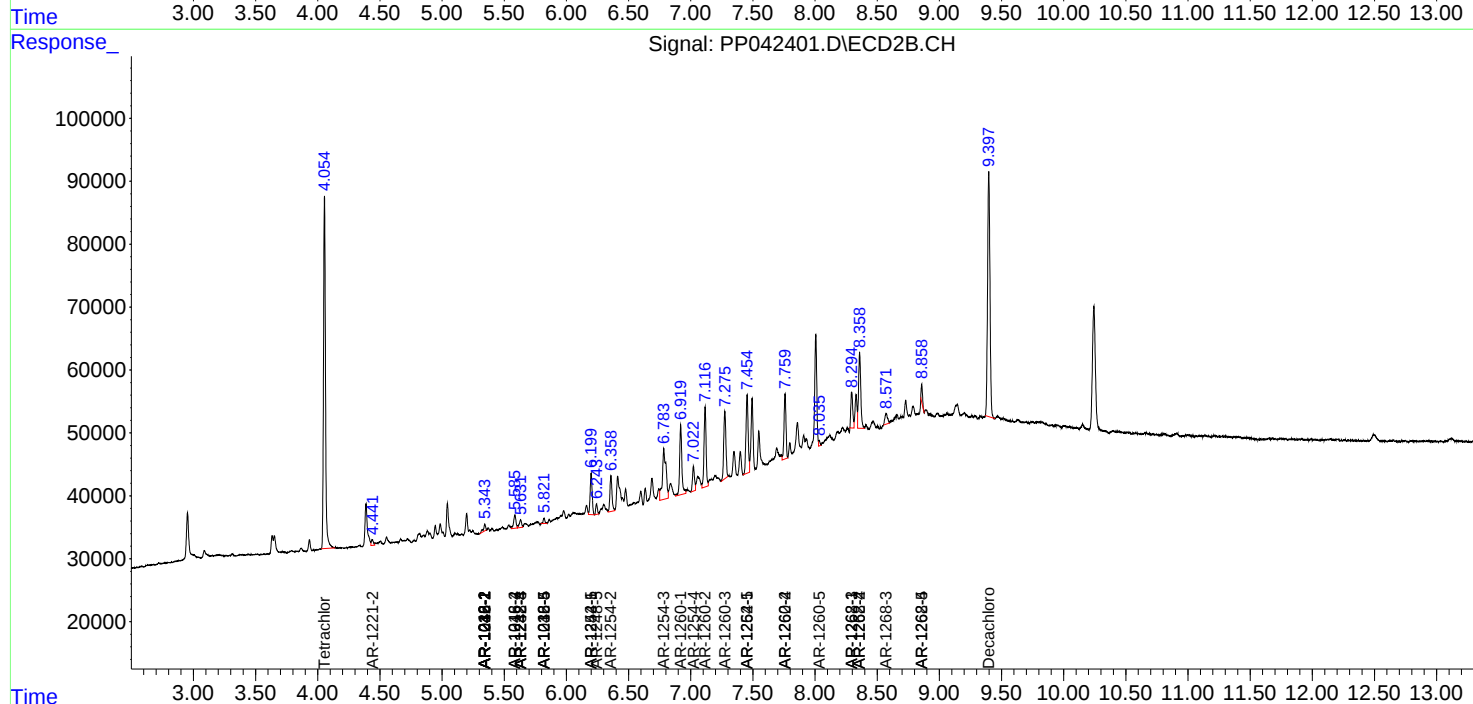
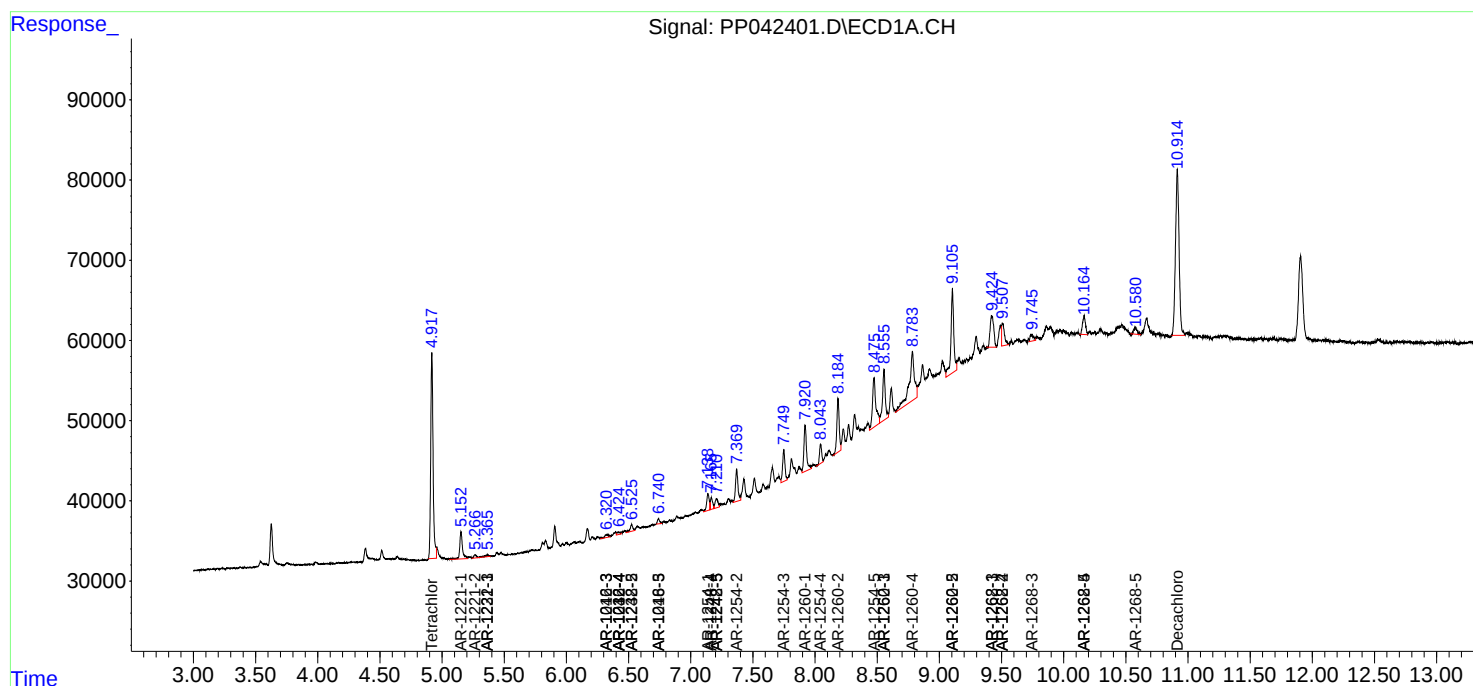
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

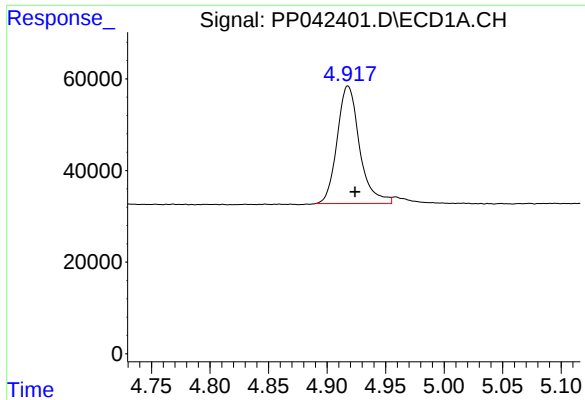
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP123021\
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Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

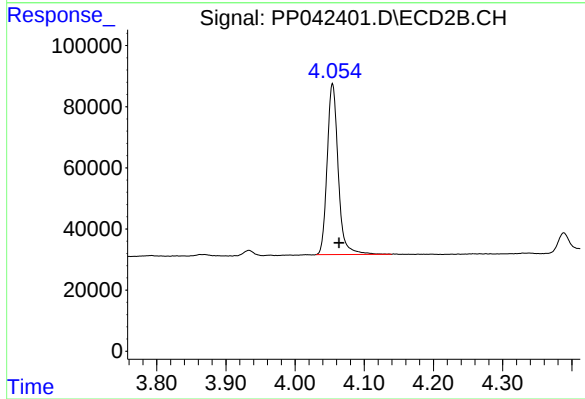




#1 Tetrachloro-m-xylene

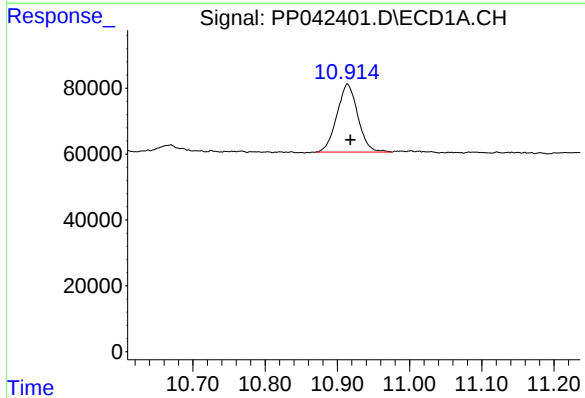
R.T.: 4.918 min
Delta R.T.: -0.006 min
Response: 341964
Conc: 26.04 ng/ml

Instrument :
ECD_P
ClientSampleId :



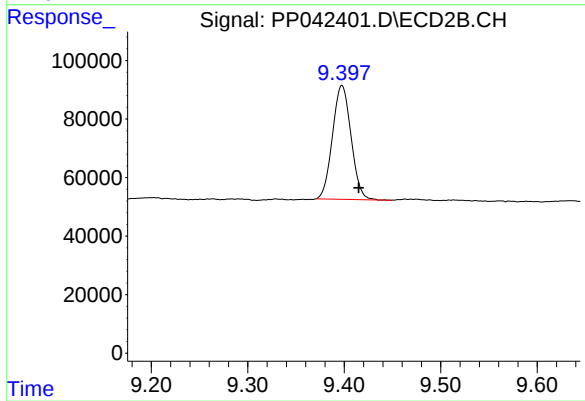
#1 Tetrachloro-m-xylene

R.T.: 4.054 min
Delta R.T.: -0.009 min
Response: 620175
Conc: 27.15 ng/ml



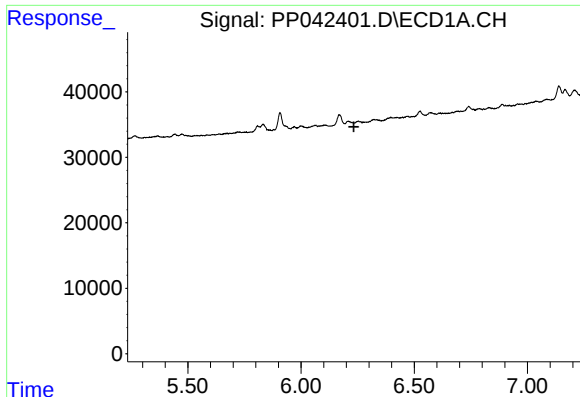
#2 Decachlorobiphenyl

R.T.: 10.914 min
Delta R.T.: -0.004 min
Response: 414294
Conc: 34.01 ng/ml



#2 Decachlorobiphenyl

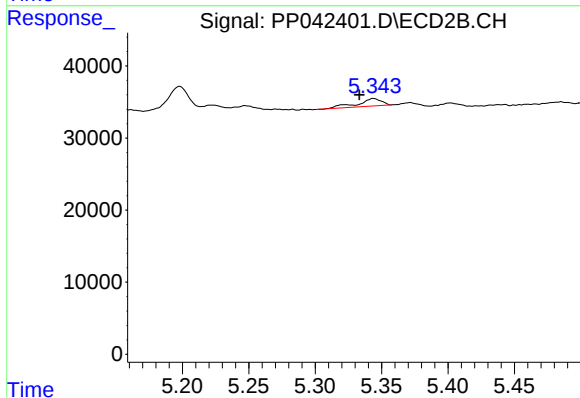
R.T.: 9.398 min
Delta R.T.: -0.017 min
Response: 519473
Conc: 32.12 ng/ml



#3 AR-1016-1

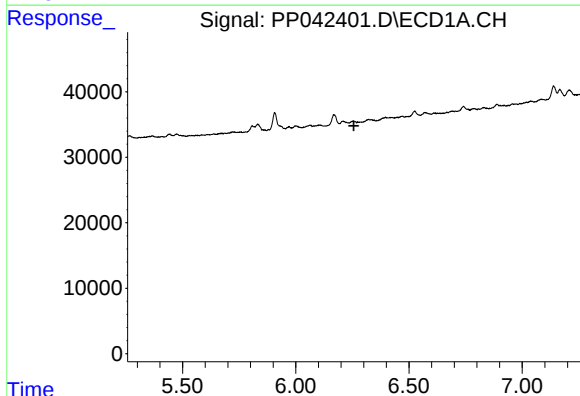
R.T.: 0.000 min
Exp R.T.: 6.233 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



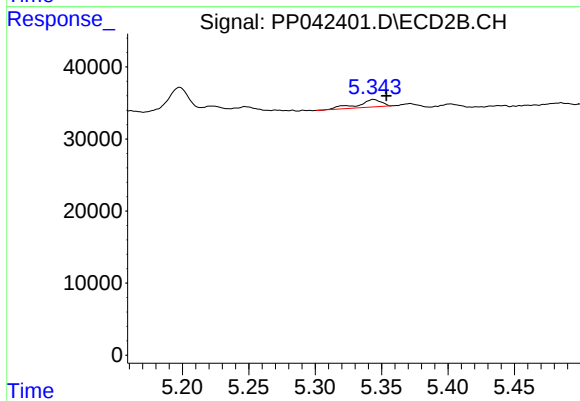
#3 AR-1016-1

R.T.: 5.344 min
Delta R.T.: 0.011 min
Response: 13238
Conc: 14.44 ng/ml



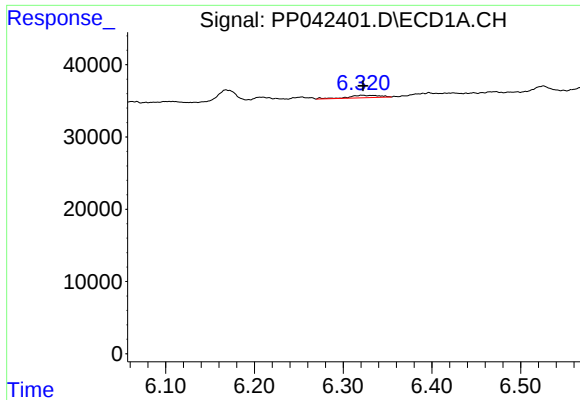
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T.: 6.257 min
Response: 0
Conc: N.D.



#4 AR-1016-2

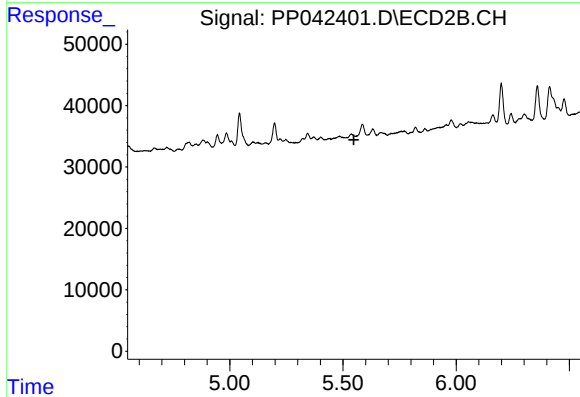
R.T.: 5.344 min
Delta R.T.: -0.010 min
Response: 13238
Conc: 10.51 ng/ml



#5 AR-1016-3

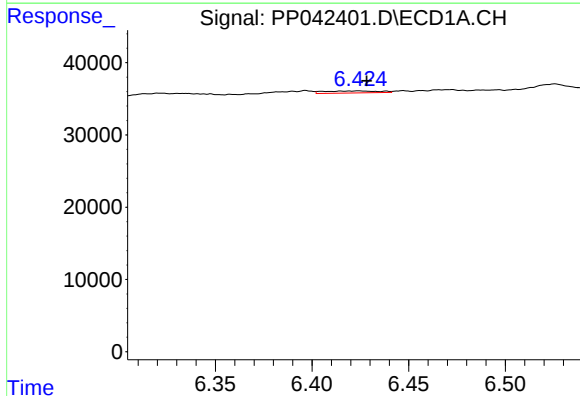
R.T.: 6.321 min
Delta R.T.: 0.000 min
Response: 8084
Conc: 19.82 ng/ml

Instrument :
ECD_P
ClientSampleId :



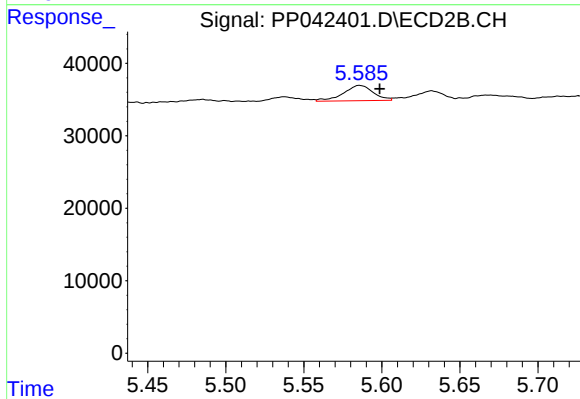
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 5.548 min
Response: 0
Conc: N.D.



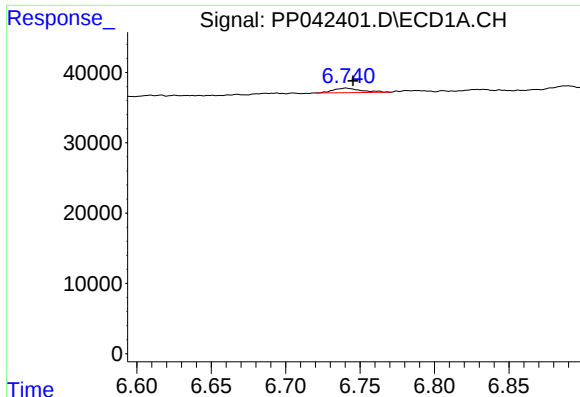
#6 AR-1016-4

R.T.: 6.424 min
Delta R.T.: -0.004 min
Response: 5667
Conc: 17.40 ng/ml



#6 AR-1016-4

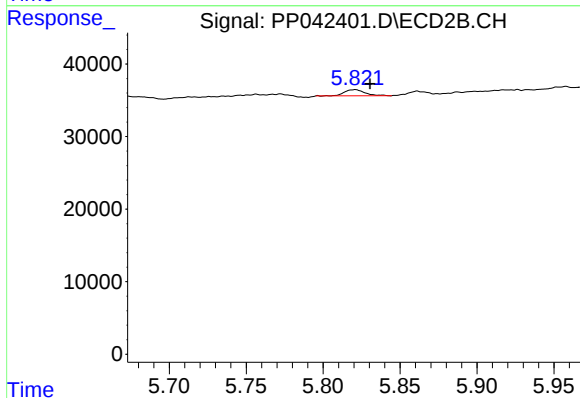
R.T.: 5.586 min
Delta R.T.: -0.013 min
Response: 27861
Conc: 51.31 ng/ml



#7 AR-1016-5

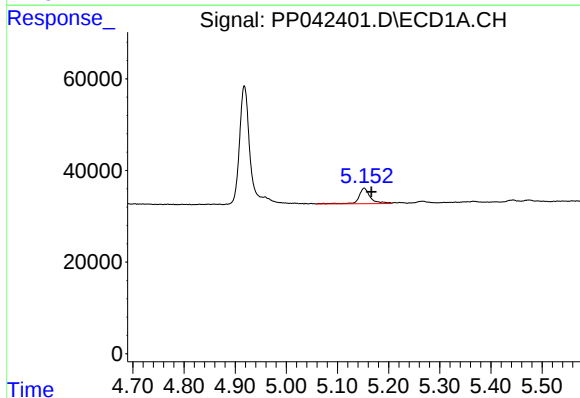
R.T.: 6.741 min
Delta R.T.: -0.005 min
Response: 8345
Conc: 24.32 ng/ml

Instrument :
ECD_P
ClientSampleId :



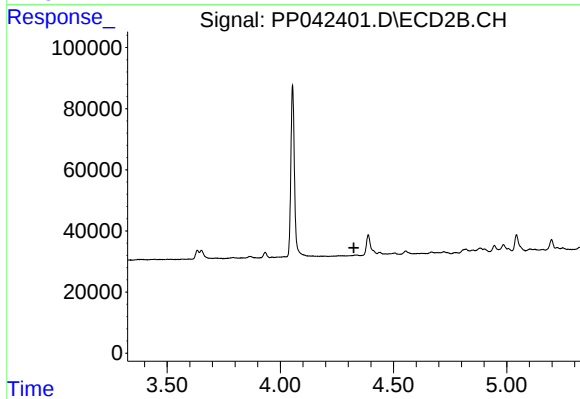
#7 AR-1016-5

R.T.: 5.821 min
Delta R.T.: -0.009 min
Response: 7898
Conc: 12.11 ng/ml



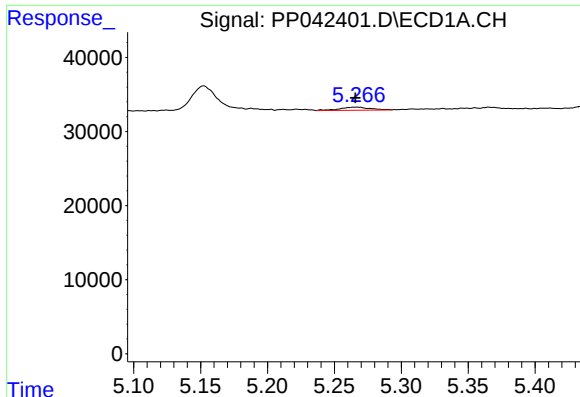
#8 AR-1221-1

R.T.: 5.152 min
Delta R.T.: -0.014 min
Response: 52882
Conc: 333.73 ng/ml



#8 AR-1221-1

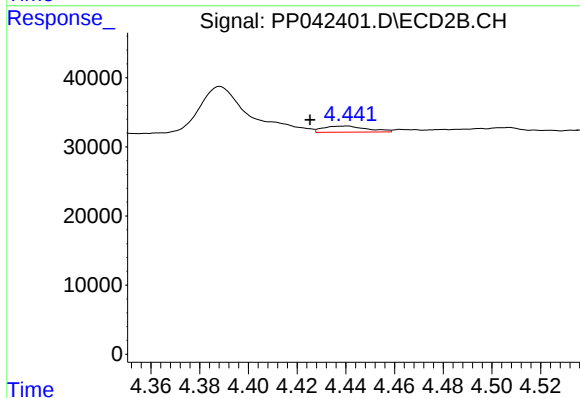
R.T.: 0.000 min
Exp R.T. : 4.325 min
Response: 0
Conc: N.D.



#9 AR-1221-2

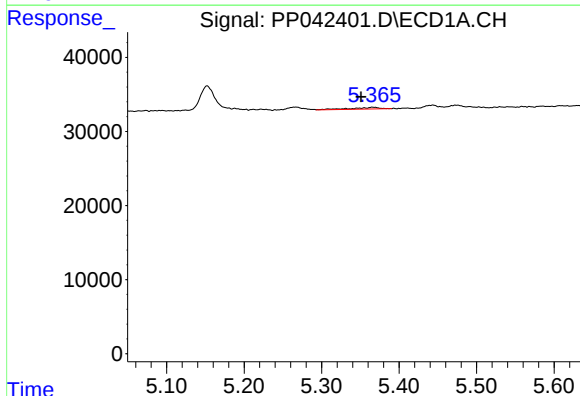
R.T.: 5.266 min
Delta R.T.: 0.000 min
Response: 6479
Conc: 57.46 ng/ml

Instrument :
ECD_P
ClientSampleId :



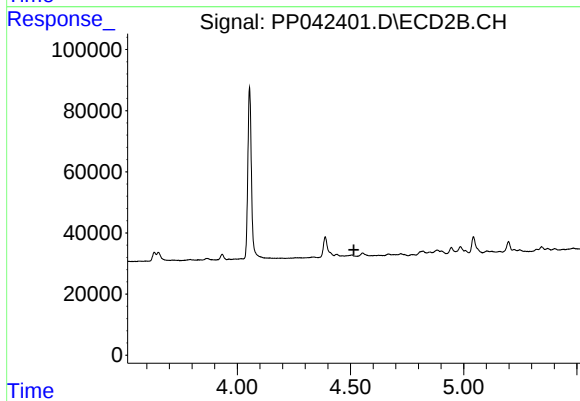
#9 AR-1221-2

R.T.: 4.441 min
Delta R.T.: 0.016 min
Response: 10970
Conc: 51.68 ng/ml



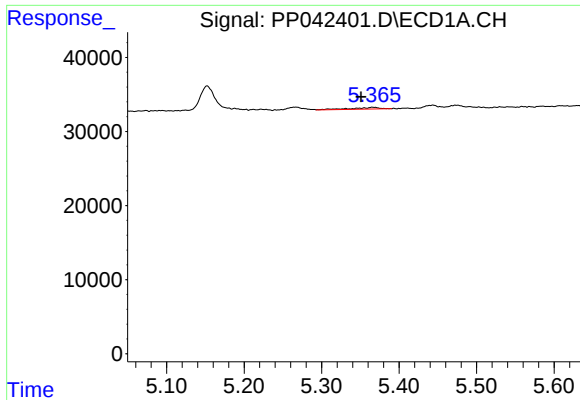
#10 AR-1221-3

R.T.: 5.366 min
Delta R.T.: 0.015 min
Response: 5569
Conc: 15.92 ng/ml



#10 AR-1221-3

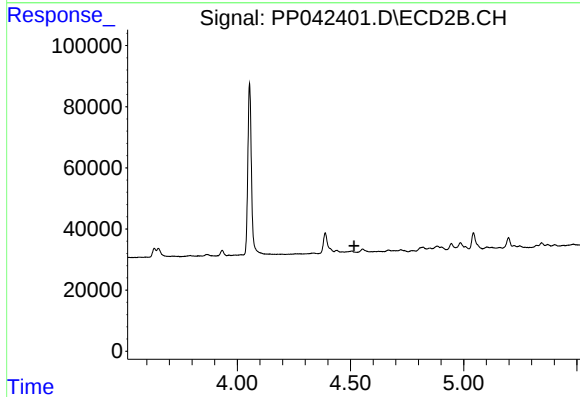
R.T.: 0.000 min
Exp R.T. : 4.515 min
Response: 0
Conc: N.D.



#11 AR-1232-1

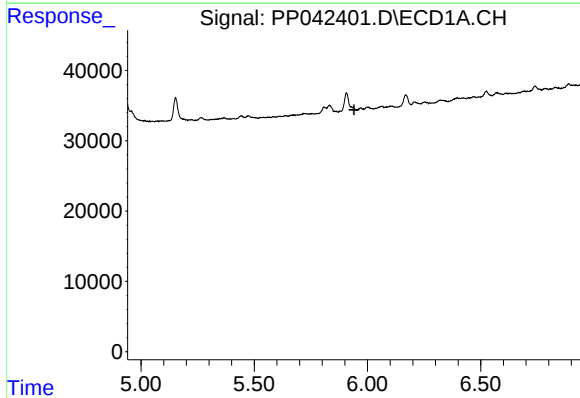
R.T.: 5.366 min
Delta R.T.: 0.015 min
Response: 5569
Conc: 19.28 ng/ml

Instrument :
ECD_P
ClientSampleId :



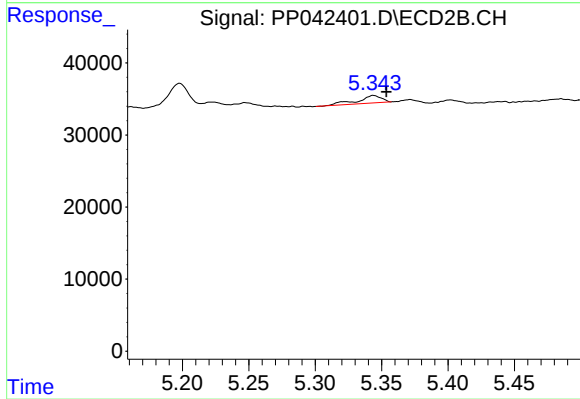
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 4.515 min
Response: 0
Conc: N.D.



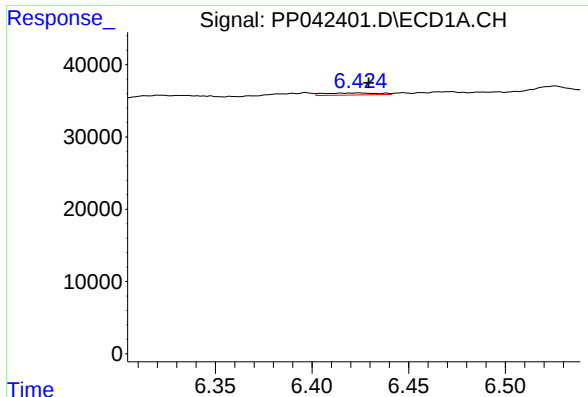
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 5.940 min
Response: 0
Conc: N.D.



#12 AR-1232-2

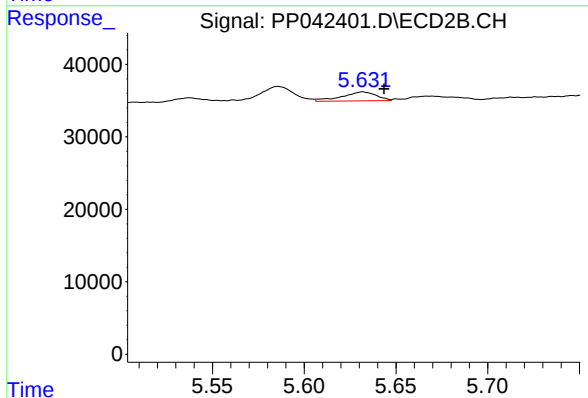
R.T.: 5.344 min
Delta R.T.: -0.010 min
Response: 13238
Conc: 24.88 ng/ml



#14 AR-1232-4

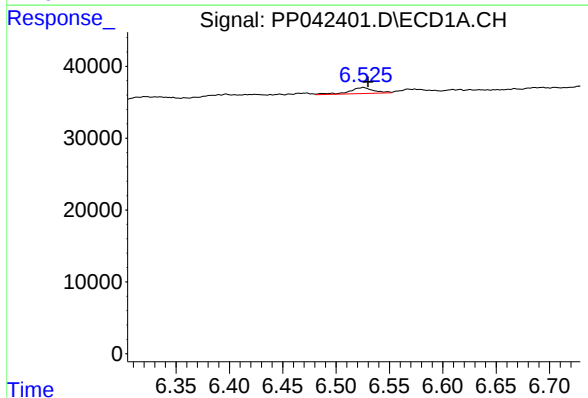
R.T.: 6.424 min
Delta R.T.: -0.005 min
Response: 5667
Conc: 43.24 ng/ml

Instrument :
ECD_P
ClientSampleId :



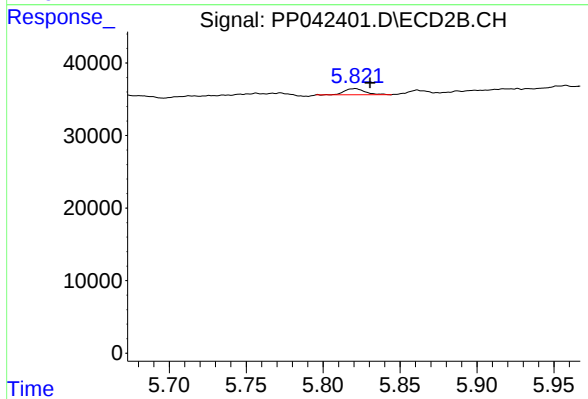
#14 AR-1232-4

R.T.: 5.632 min
Delta R.T.: -0.012 min
Response: 15972
Conc: 66.22 ng/ml



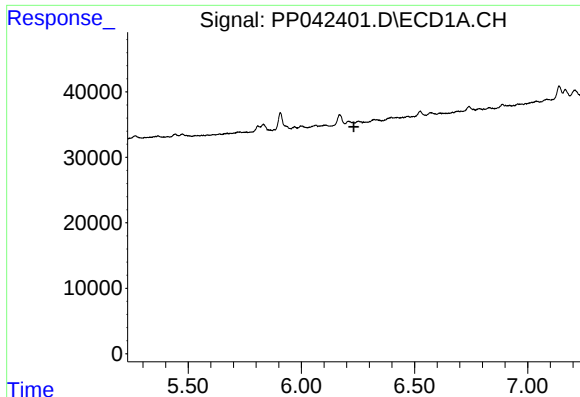
#15 AR-1232-5

R.T.: 6.526 min
Delta R.T.: -0.004 min
Response: 13439
Conc: 130.24 ng/ml



#15 AR-1232-5

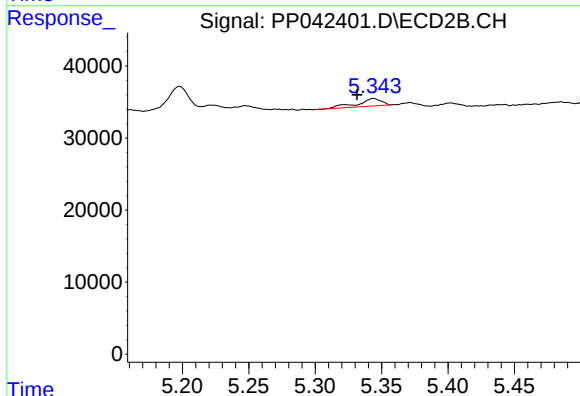
R.T.: 5.821 min
Delta R.T.: -0.010 min
Response: 7898
Conc: 32.53 ng/ml



#16 AR-1242-1

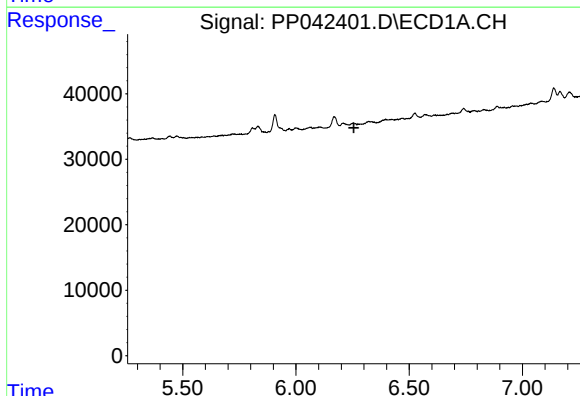
R.T.: 0.000 min
Exp R.T.: 6.232 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



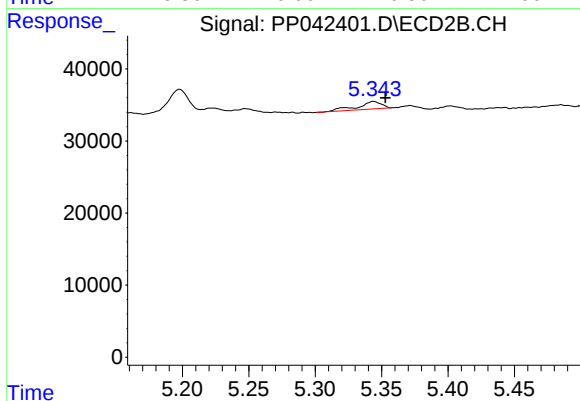
#16 AR-1242-1

R.T.: 5.344 min
Delta R.T.: 0.012 min
Response: 13238
Conc: 19.44 ng/ml



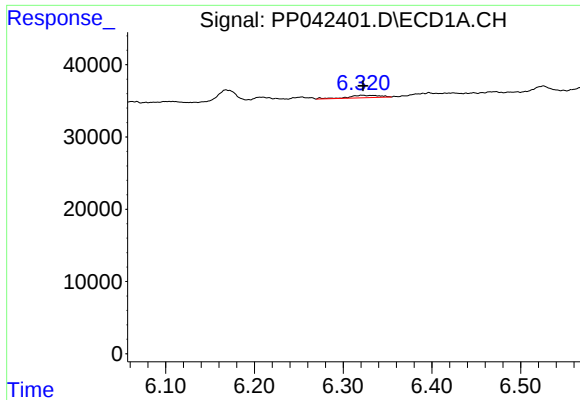
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T.: 6.256 min
Response: 0
Conc: N.D.



#17 AR-1242-2

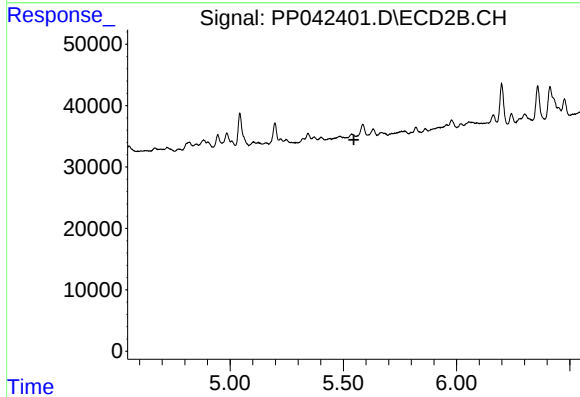
R.T.: 5.344 min
Delta R.T.: -0.009 min
Response: 13238
Conc: 14.21 ng/ml



#18 AR-1242-3

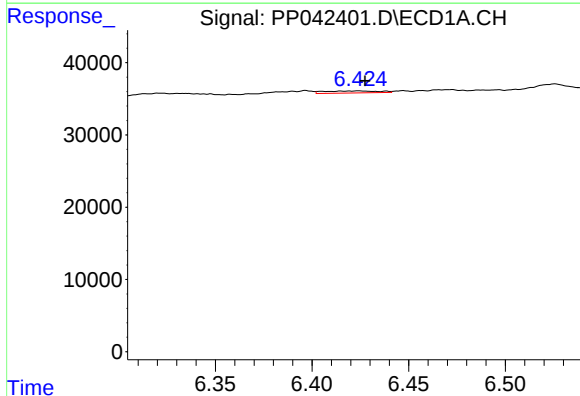
R.T.: 6.321 min
Delta R.T.: -0.001 min
Response: 8084
Conc: 26.99 ng/ml

Instrument :
ECD_P
ClientSampleId :



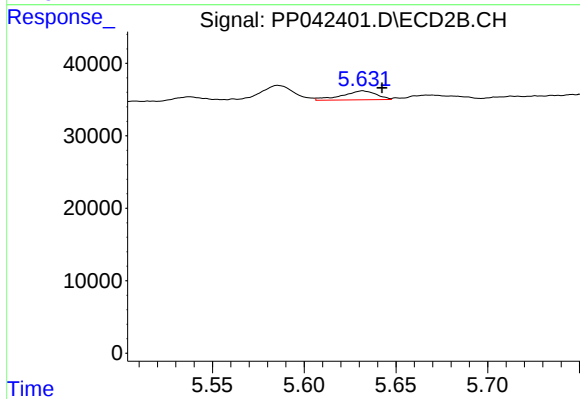
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 5.547 min
Response: 0
Conc: N.D.



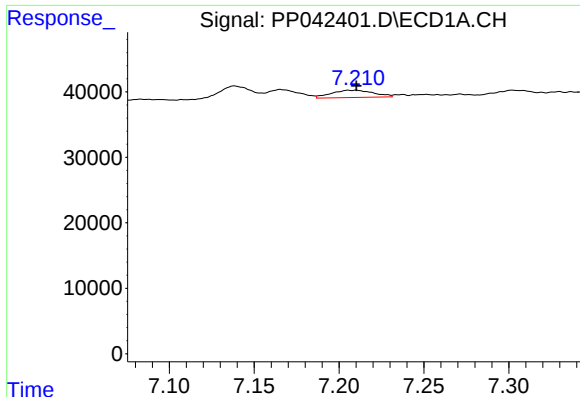
#19 AR-1242-4

R.T.: 6.424 min
Delta R.T.: -0.003 min
Response: 5667
Conc: 23.13 ng/ml



#19 AR-1242-4

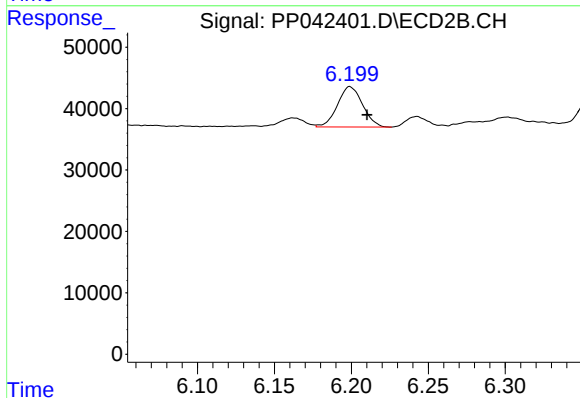
R.T.: 5.632 min
Delta R.T.: -0.011 min
Response: 15972
Conc: 31.57 ng/ml



#20 AR-1242-5

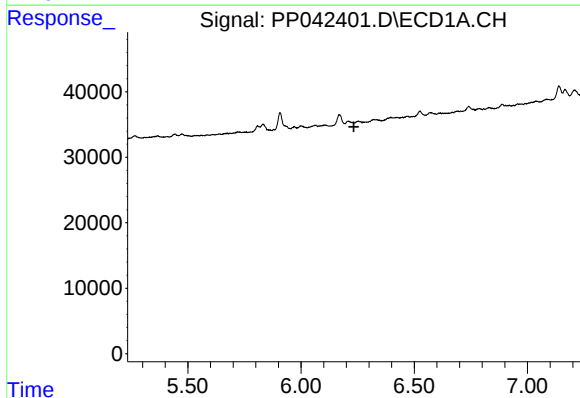
R.T.: 7.210 min
Delta R.T.: 0.000 min
Response: 19210
Conc: 73.86 ng/ml

Instrument :
ECD_P
ClientSampleId :



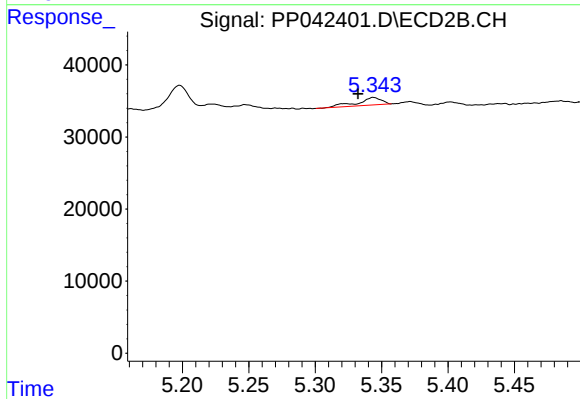
#20 AR-1242-5

R.T.: 6.199 min
Delta R.T.: -0.011 min
Response: 74267
Conc: 125.28 ng/ml



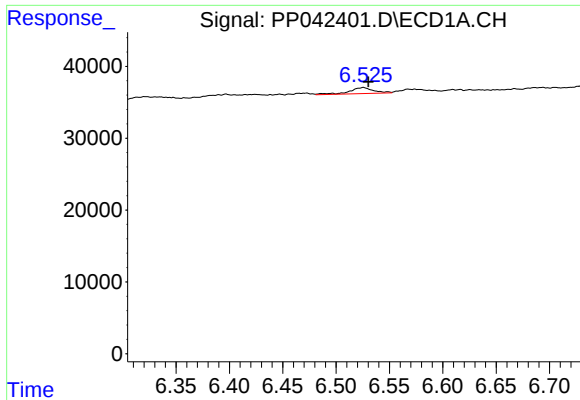
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T. : 6.233 min
Response: 0
Conc: N.D.



#21 AR-1248-1

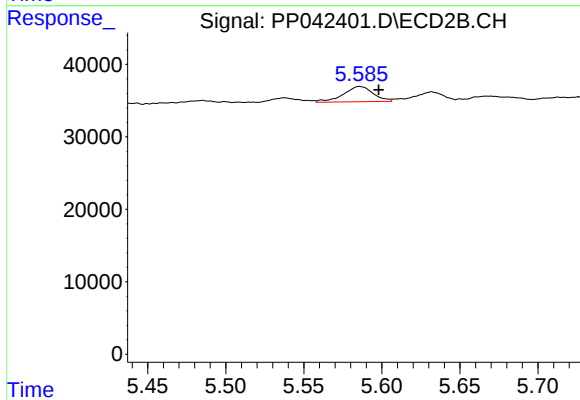
R.T.: 5.344 min
Delta R.T.: 0.011 min
Response: 13238
Conc: 25.48 ng/ml



#22 AR-1248-2

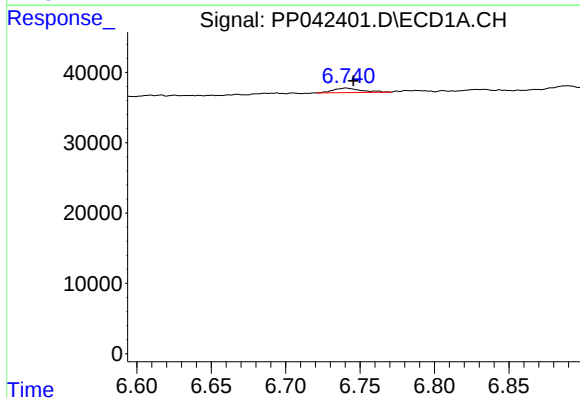
R.T.: 6.526 min
Delta R.T.: -0.005 min
Response: 13439
Conc: 38.05 ng/ml

Instrument :
ECD_P
ClientSampleId :



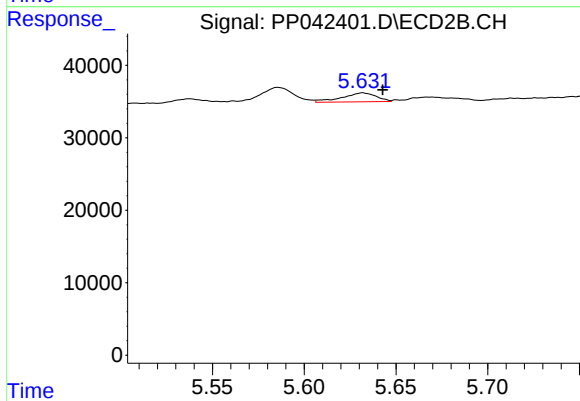
#22 AR-1248-2

R.T.: 5.586 min
Delta R.T.: -0.012 min
Response: 27861
Conc: 39.56 ng/ml



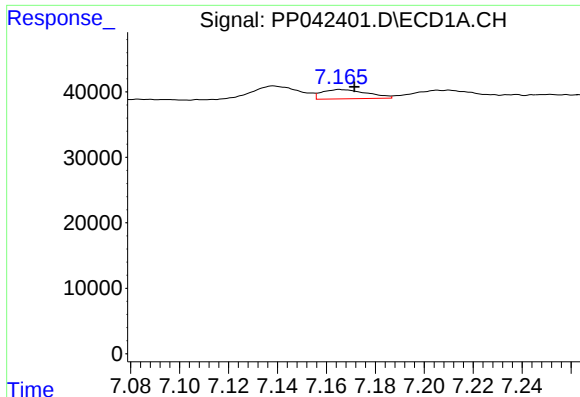
#23 AR-1248-3

R.T.: 6.741 min
Delta R.T.: -0.005 min
Response: 8345
Conc: 19.84 ng/ml



#23 AR-1248-3

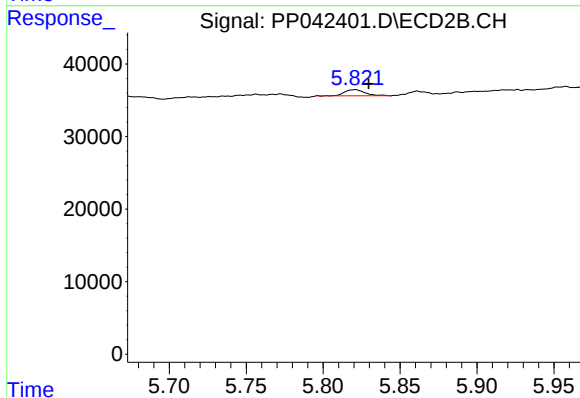
R.T.: 5.632 min
Delta R.T.: -0.011 min
Response: 15972
Conc: 21.52 ng/ml



#24 AR-1248-4

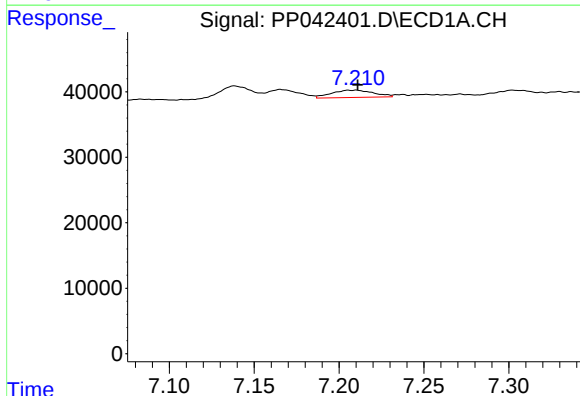
R.T.: 7.166 min
Delta R.T.: -0.006 min
Response: 18217
Conc: 40.18 ng/ml

Instrument :
ECD_P
ClientSampleId :



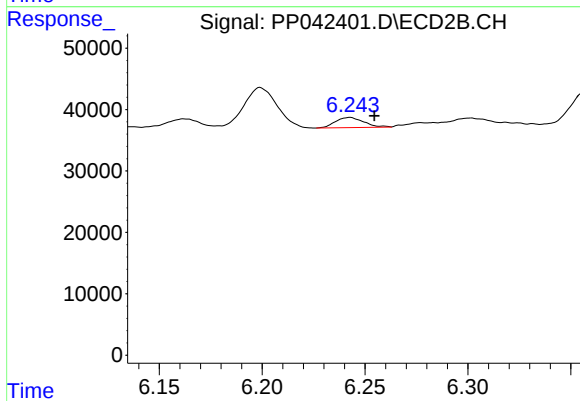
#24 AR-1248-4

R.T.: 5.821 min
Delta R.T.: -0.009 min
Response: 7898
Conc: 9.38 ng/ml



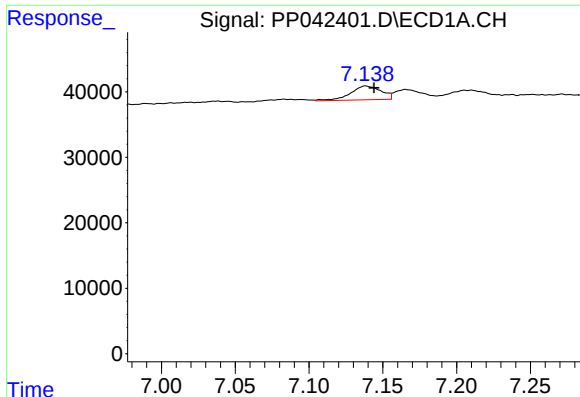
#25 AR-1248-5

R.T.: 7.210 min
Delta R.T.: -0.001 min
Response: 19210
Conc: 43.08 ng/ml



#25 AR-1248-5

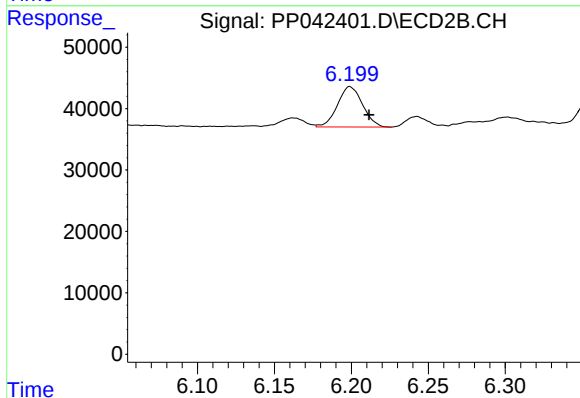
R.T.: 6.243 min
Delta R.T.: -0.012 min
Response: 15947
Conc: 19.25 ng/ml



#26 AR-1254-1

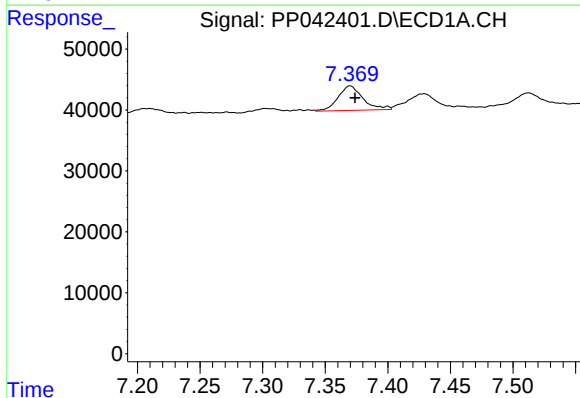
R.T.: 7.139 min
Delta R.T.: -0.005 min
Response: 30334
Conc: 60.85 ng/ml

Instrument :
ECD_P
ClientSampleId :



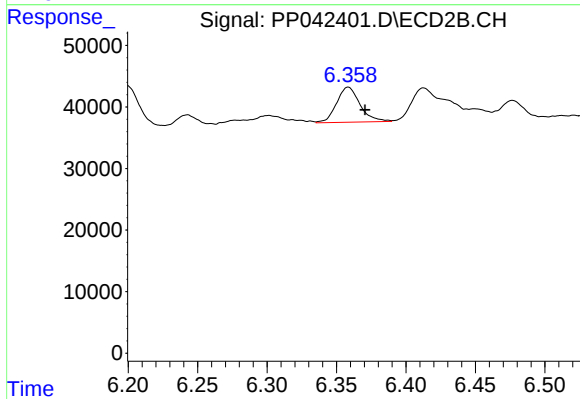
#26 AR-1254-1

R.T.: 6.199 min
Delta R.T.: -0.012 min
Response: 74267
Conc: 59.38 ng/ml



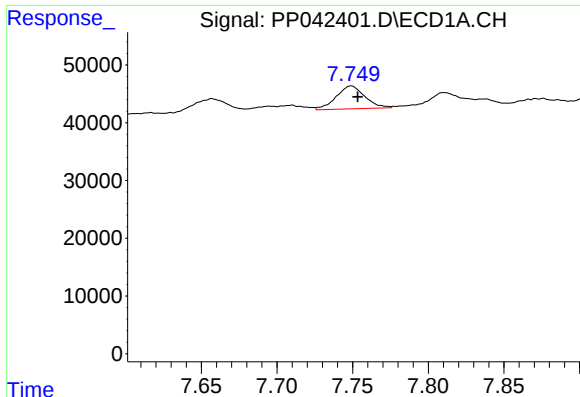
#27 AR-1254-2

R.T.: 7.370 min
Delta R.T.: -0.004 min
Response: 56035
Conc: 73.09 ng/ml



#27 AR-1254-2

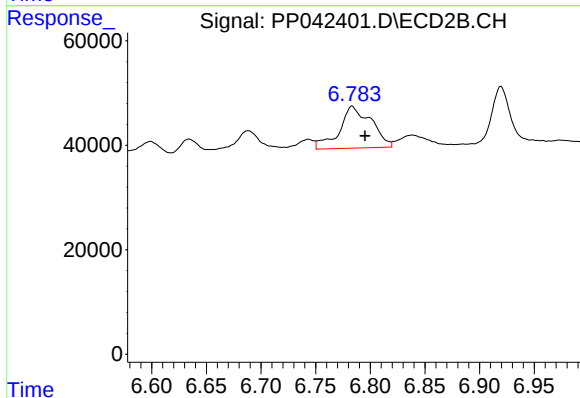
R.T.: 6.358 min
Delta R.T.: -0.012 min
Response: 66899
Conc: 61.48 ng/ml



#28 AR-1254-3

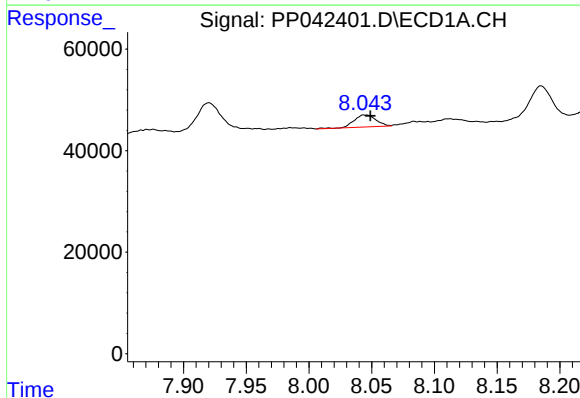
R.T.: 7.749 min
Delta R.T.: -0.004 min
Response: 51938
Conc: 67.31 ng/ml

Instrument :
ECD_P
ClientSampleId :



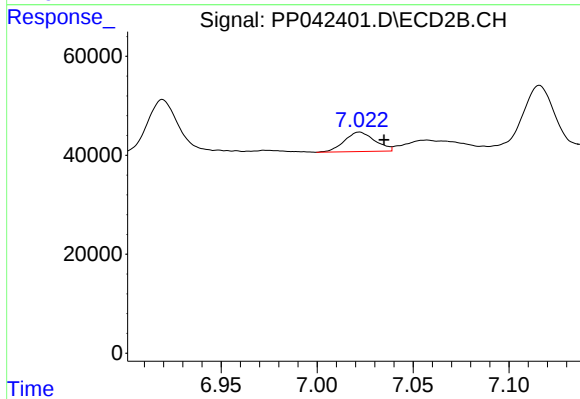
#28 AR-1254-3

R.T.: 6.783 min
Delta R.T.: -0.012 min
Response: 163116
Conc: 98.18 ng/ml



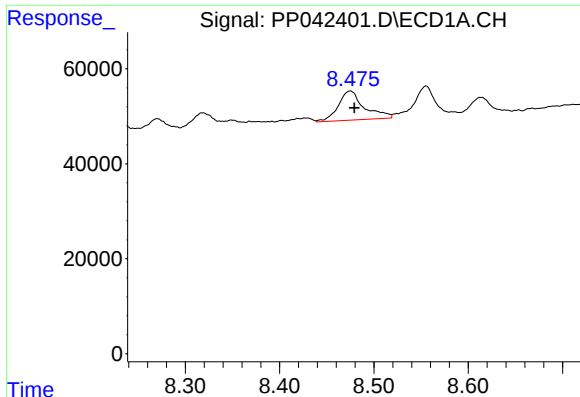
#29 AR-1254-4

R.T.: 8.045 min
Delta R.T.: -0.004 min
Response: 29233
Conc: 52.54 ng/ml



#29 AR-1254-4

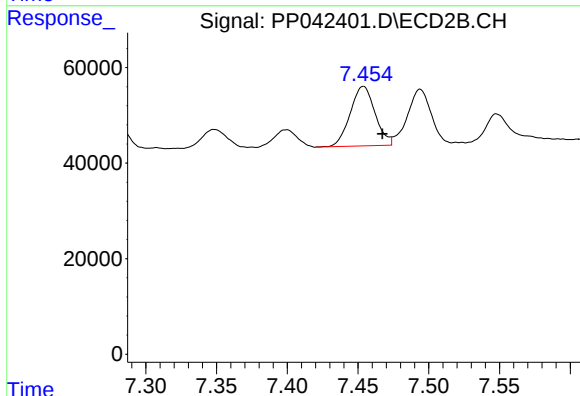
R.T.: 7.022 min
Delta R.T.: -0.013 min
Response: 43496
Conc: 44.59 ng/ml



#30 AR-1254-5

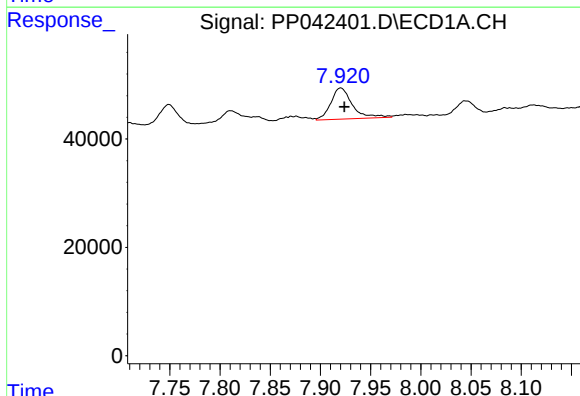
R.T.: 8.475 min
Delta R.T.: -0.004 min
Response: 117757
Conc: 188.05 ng/ml

Instrument :
ECD_P
ClientSampleId :



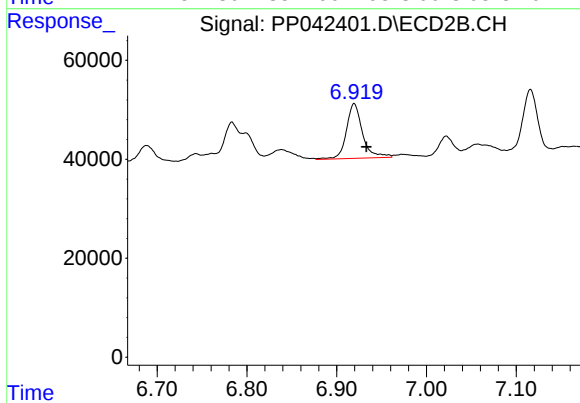
#30 AR-1254-5

R.T.: 7.454 min
Delta R.T.: -0.013 min
Response: 152916
Conc: 119.33 ng/ml



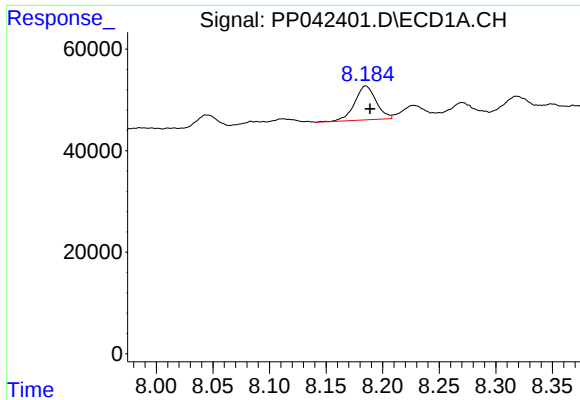
#31 AR-1260-1

R.T.: 7.920 min
Delta R.T.: -0.004 min
Response: 86004
Conc: 145.12 ng/ml



#31 AR-1260-1

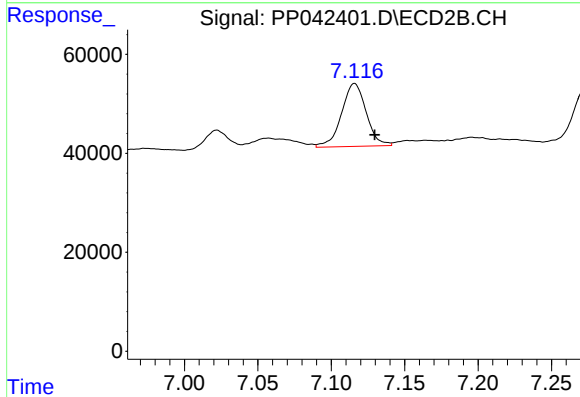
R.T.: 6.920 min
Delta R.T.: -0.014 min
Response: 138310
Conc: 130.14 ng/ml



#32 AR-1260-2

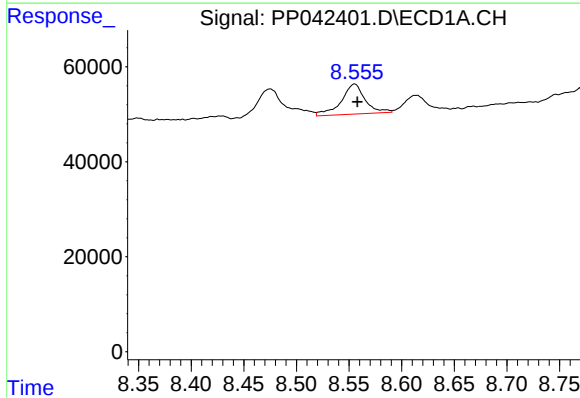
R.T.: 8.185 min
Delta R.T.: -0.004 min
Response: 88075
Conc: 114.07 ng/ml

Instrument :
ECD_P
ClientSampleId :



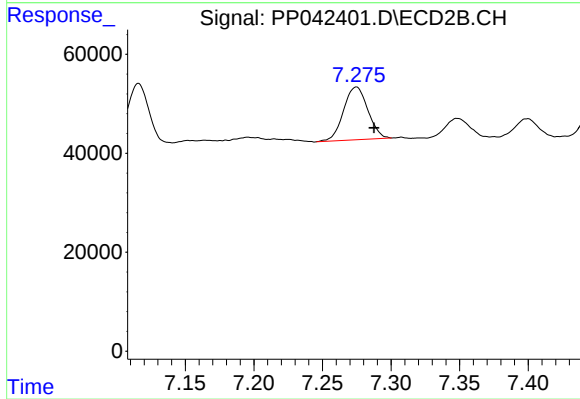
#32 AR-1260-2

R.T.: 7.116 min
Delta R.T.: -0.014 min
Response: 148573
Conc: 120.35 ng/ml



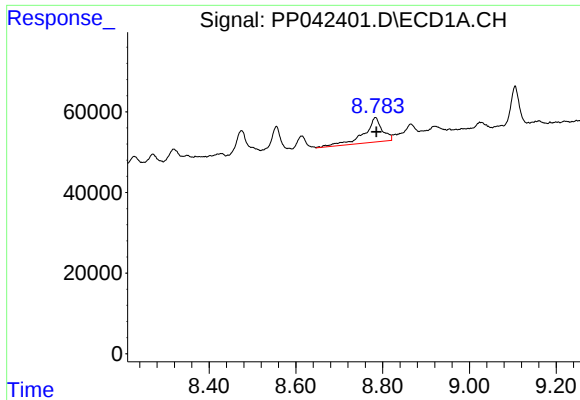
#33 AR-1260-3

R.T.: 8.555 min
Delta R.T.: -0.002 min
Response: 99495
Conc: 192.33 ng/ml



#33 AR-1260-3

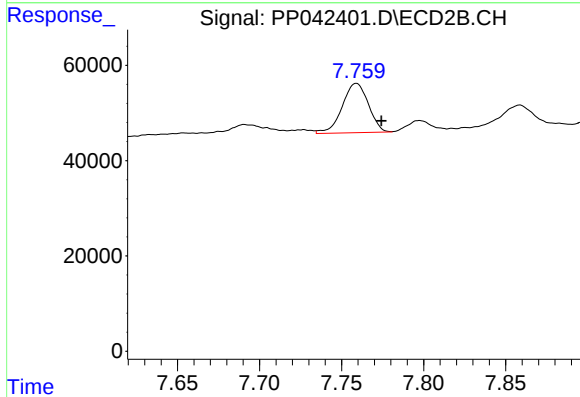
R.T.: 7.275 min
Delta R.T.: -0.013 min
Response: 131523
Conc: 98.15 ng/ml



#34 AR-1260-4

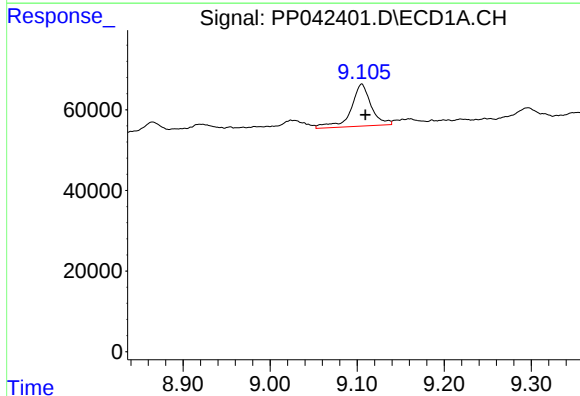
R.T.: 8.783 min
Delta R.T.: -0.002 min
Response: 178995
Conc: 309.13 ng/ml

Instrument :
ECD_P
ClientSampleId :



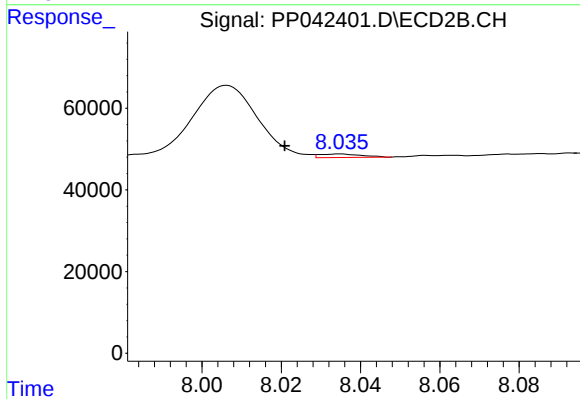
#34 AR-1260-4

R.T.: 7.759 min
Delta R.T.: -0.015 min
Response: 114688
Conc: 128.44 ng/ml



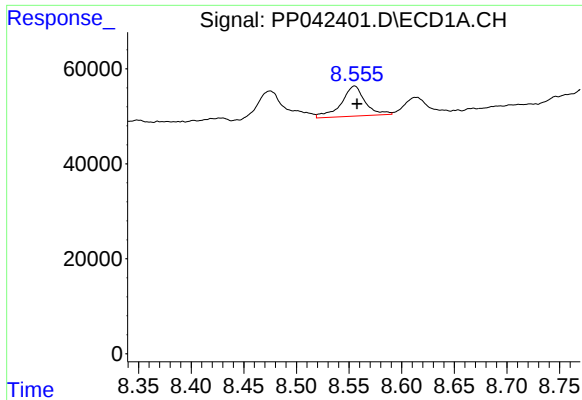
#35 AR-1260-5

R.T.: 9.105 min
Delta R.T.: -0.004 min
Response: 167217
Conc: 142.91 ng/ml



#35 AR-1260-5

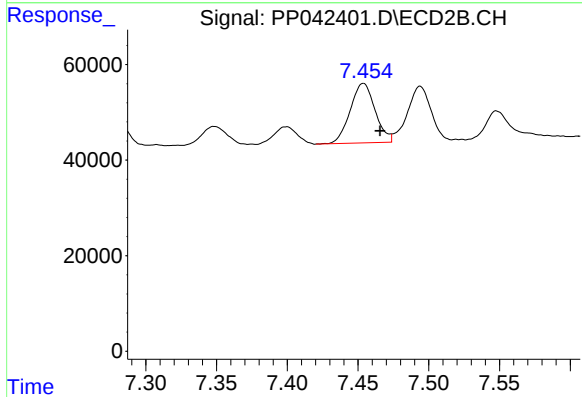
R.T.: 8.035 min
Delta R.T.: 0.014 min
Response: 6313
Conc: 3.28 ng/ml



#36 AR-1262-1

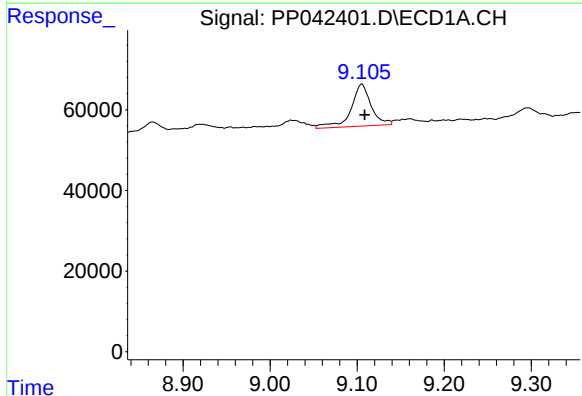
R.T.: 8.555 min
Delta R.T.: -0.002 min
Response: 99495
Conc: 129.65 ng/ml

Instrument :
ECD_P
ClientSampleId :



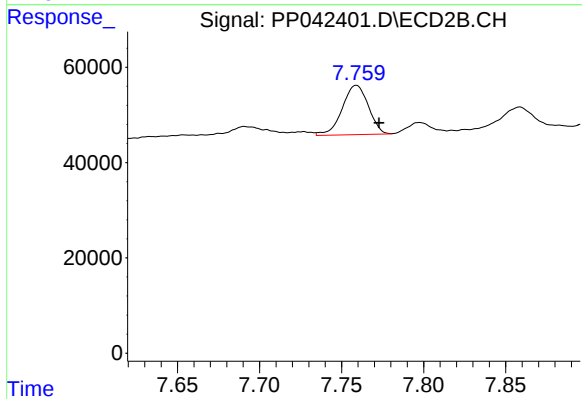
#36 AR-1262-1

R.T.: 7.454 min
Delta R.T.: -0.012 min
Response: 152916
Conc: 229.83 ng/ml



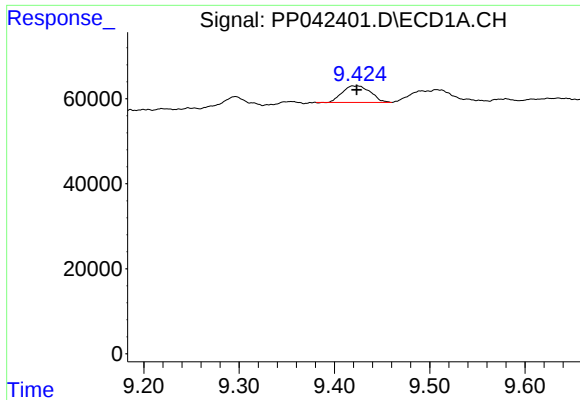
#37 AR-1262-2

R.T.: 9.105 min
Delta R.T.: -0.003 min
Response: 167217
Conc: 136.43 ng/ml



#37 AR-1262-2

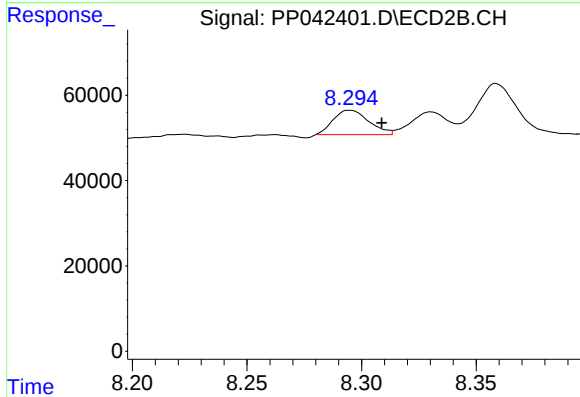
R.T.: 7.759 min
Delta R.T.: -0.014 min
Response: 114688
Conc: 105.74 ng/ml



#38 AR-1262-3

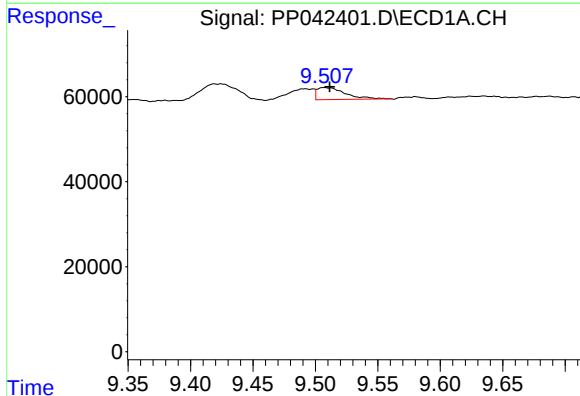
R.T.: 9.424 min
Delta R.T.: 0.000 min
Response: 79486
Conc: 161.71 ng/ml

Instrument :
ECD_P
ClientSampleId :



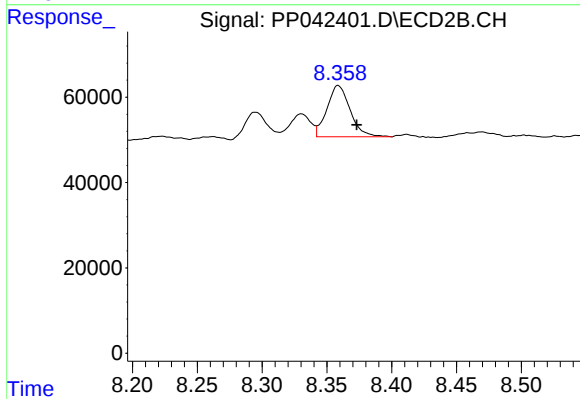
#38 AR-1262-3

R.T.: 8.295 min
Delta R.T.: -0.014 min
Response: 62150
Conc: 81.58 ng/ml



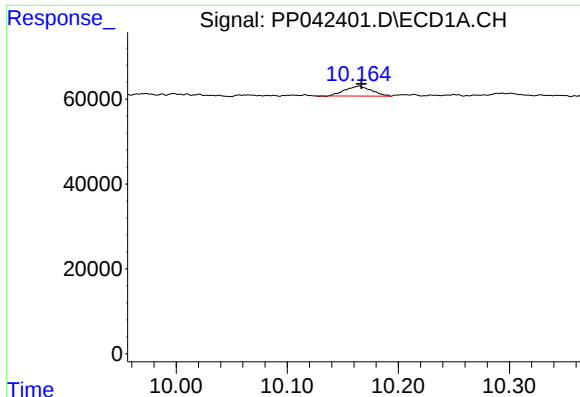
#39 AR-1262-4

R.T.: 9.507 min
Delta R.T.: -0.005 min
Response: 44824
Conc: 121.62 ng/ml



#39 AR-1262-4

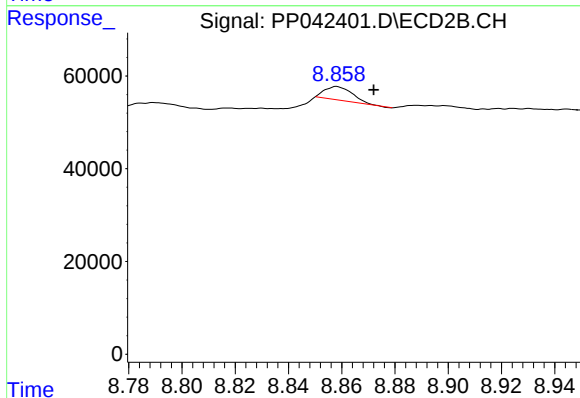
R.T.: 8.359 min
Delta R.T.: -0.014 min
Response: 149275
Conc: 98.00 ng/ml



#40 AR-1262-5

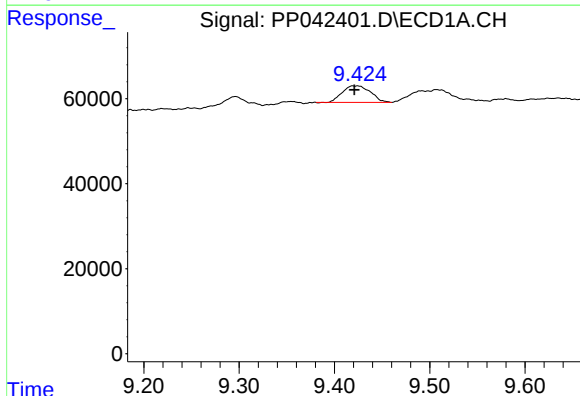
R.T.: 10.164 min
Delta R.T.: -0.002 min
Response: 38209
Conc: 83.42 ng/ml

Instrument :
ECD_P
ClientSampleId :



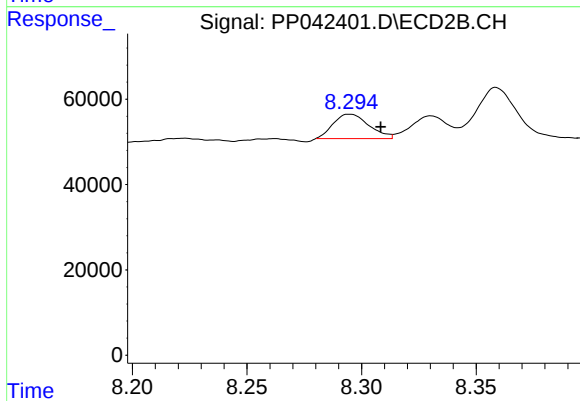
#40 AR-1262-5

R.T.: 8.858 min
Delta R.T.: -0.014 min
Response: 21101
Conc: 29.51 ng/ml



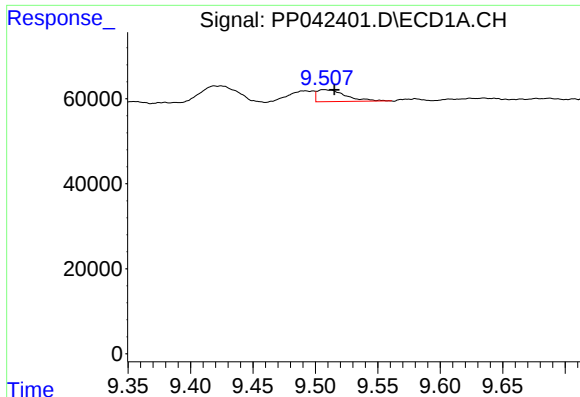
#41 AR-1268-1

R.T.: 9.424 min
Delta R.T.: 0.003 min
Response: 79486
Conc: 52.43 ng/ml



#41 AR-1268-1

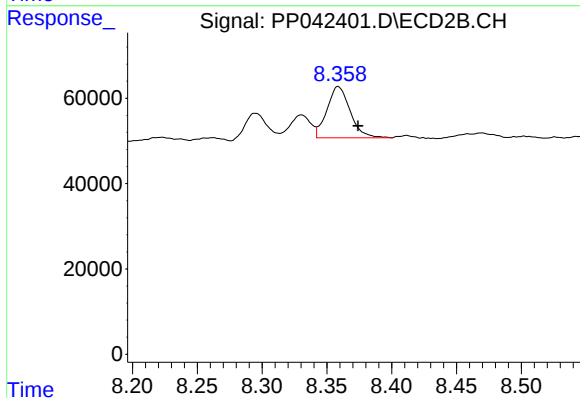
R.T.: 8.295 min
Delta R.T.: -0.013 min
Response: 62150
Conc: 27.46 ng/ml



#42 AR-1268-2

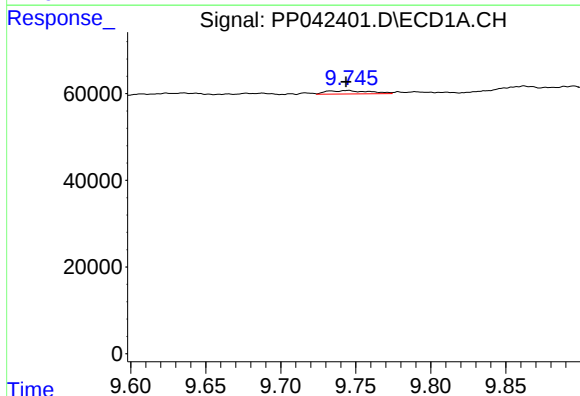
R.T.: 9.507 min
Delta R.T.: -0.008 min
Response: 44824
Conc: 31.59 ng/ml

Instrument :
ECD_P
ClientSampleId :



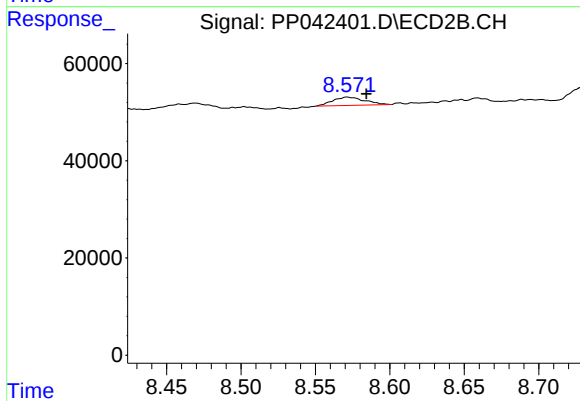
#42 AR-1268-2

R.T.: 8.359 min
Delta R.T.: -0.015 min
Response: 149275
Conc: 68.37 ng/ml



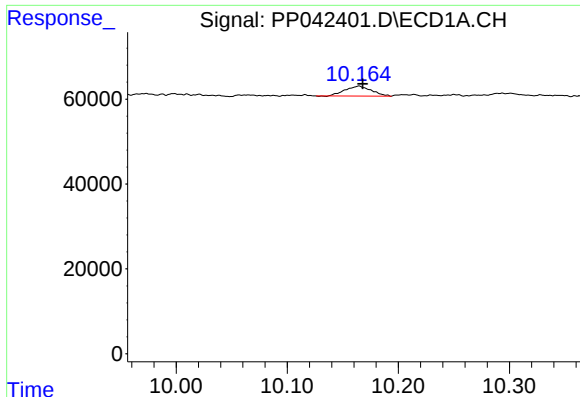
#43 AR-1268-3

R.T.: 9.745 min
Delta R.T.: 0.001 min
Response: 15686
Conc: 12.19 ng/ml



#43 AR-1268-3

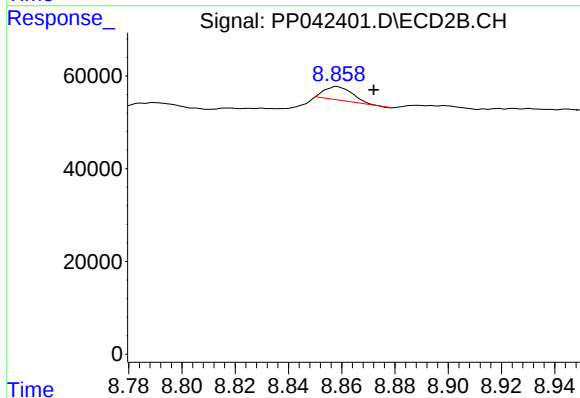
R.T.: 8.571 min
Delta R.T.: -0.013 min
Response: 25729
Conc: 13.94 ng/ml



#44 AR-1268-4

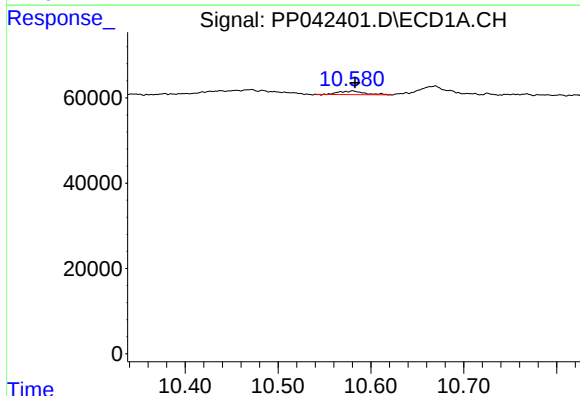
R.T.: 10.164 min
Delta R.T.: -0.004 min
Response: 38209
Conc: 73.73 ng/ml

Instrument :
ECD_P
ClientSampleId :



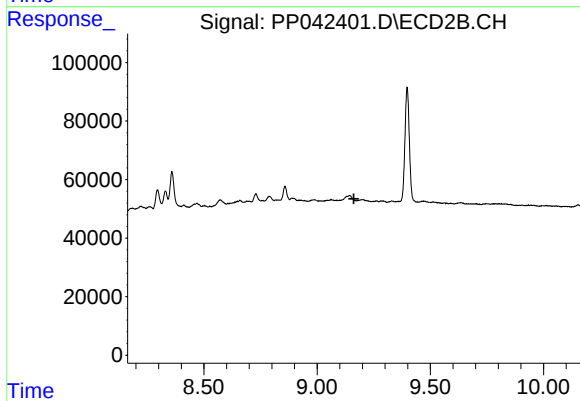
#44 AR-1268-4

R.T.: 8.858 min
Delta R.T.: -0.014 min
Response: 21101
Conc: 26.69 ng/ml



#45 AR-1268-5

R.T.: 10.581 min
Delta R.T.: -0.002 min
Response: 15452
Conc: 3.98 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 9.163 min
Response: 0
Conc: N.D.