

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP122821\
 Data File : PP042305.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 29 Dec 2021 00:33
 Operator : AJ\MA
 Sample : M5244-29
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 29 02:41:09 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...	4.920	4.058	305877	540859	23.296	23.681
2)	SA Decachlor...	10.914	9.405	350219	492618	28.753	30.462
Target Compounds							
3)	L1 AR-1016-1	6.229	5.325	9470	16759	21.306	18.282
4)	L1 AR-1016-2	6.252	5.348	13080	26371	19.774	20.929
5)	L1 AR-1016-3	6.319	5.541	7241	11318	17.753	16.115
6)	L1 AR-1016-4	6.420	5.591	8287	35761	25.437	65.854 #
7)	L1 AR-1016-5	6.741	5.823	9317	15758	27.147	24.169
9)	L2 AR-1221-2	5.267	4.416	3183	5766	28.230	27.162
10)	L2 AR-1221-3	5.345	4.509	2296	17631	6.562	25.349 #
11)	L3 AR-1232-1	5.345	4.509	2296	17631	7.947	30.157 #
12)	L3 AR-1232-2	5.936	5.348	12900	26371	87.017	49.558 #
13)	L3 AR-1232-3	6.252	5.541	13080	11318	49.992	39.541
14)	L3 AR-1232-4	6.420	5.635	8287	19502	63.224	80.855 #
15)	L3 AR-1232-5	6.527	5.823	22563	15758	218.655	64.900 #
16)	L4 AR-1242-1	6.229	5.325	9470	16759	29.044	24.612
17)	L4 AR-1242-2	6.252	5.348	13080	26371	27.405	28.315
18)	L4 AR-1242-3	6.319	5.541	7241	11318	24.177	21.416
19)	L4 AR-1242-4	6.420	5.635	8287	19502	33.823	38.545
20)	L4 AR-1242-5	7.209	6.205	3645	37614	14.015	63.451 #
21)	L5 AR-1248-1	6.229	5.325	9470	16759	37.828	32.259
22)	L5 AR-1248-2	6.527	5.591	22563	35761	63.885	50.782
23)	L5 AR-1248-3	6.741	5.635	9317	19502	22.155	26.282
24)	L5 AR-1248-4	7.169	5.823	7852	15758	17.318	18.718
25)	L5 AR-1248-5	7.209	6.248	3645	8932	8.176	10.783 #
26)	L6 AR-1254-1	7.144	6.205	10112	37614	20.284	30.072 #
27)	L6 AR-1254-2	7.350f	6.363	176105	18939	229.710	17.403 #
28)	L6 AR-1254-3	7.751	6.788	17609	32311	22.822	19.449
29)	L6 AR-1254-4	8.046	7.028	9284	9992	16.686	10.243 #
30)	L6 AR-1254-5	8.476	7.459	24521	50562	39.159	39.458
31)	L7 AR-1260-1	7.924	6.924	7446	19298	12.564	18.158 #
32)	L7 AR-1260-2	8.187	7.122	23185	28824	30.028	23.349
33)	L7 AR-1260-3	8.557	7.279	11516	18560	22.262	13.851 #
34)	L7 AR-1260-4	8.783	7.764	10155	14540	17.538	16.283
35)	L7 AR-1260-5	9.106	8.012	31337	32949	26.782	17.121 #
36)	L8 AR-1262-1	8.557	7.459	11516	50562	15.007	75.992 #
37)	L8 AR-1262-2	9.106	7.764	31337	14540	25.568	13.406 #
38)	L8 AR-1262-3	9.426	8.300	6716	10348	13.662	13.582
39)	L8 AR-1262-4	9.504	8.365	15043	26603	40.816	17.464 #
40)	L8 AR-1262-5	10.168	8.863	4906	8839	10.712	12.362
41)	L9 AR-1268-1	9.426	8.300	6716	10348	4.429	4.573
42)	L9 AR-1268-2	9.524	8.365	1679	26603	1.183	12.185 #

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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
44) L9	AR-1268-4	10.168	8.863	4906	8839	9.468	11.179
45) L9	AR-1268-5	0.000	9.136f	0	14323	N.D.	2.510 #

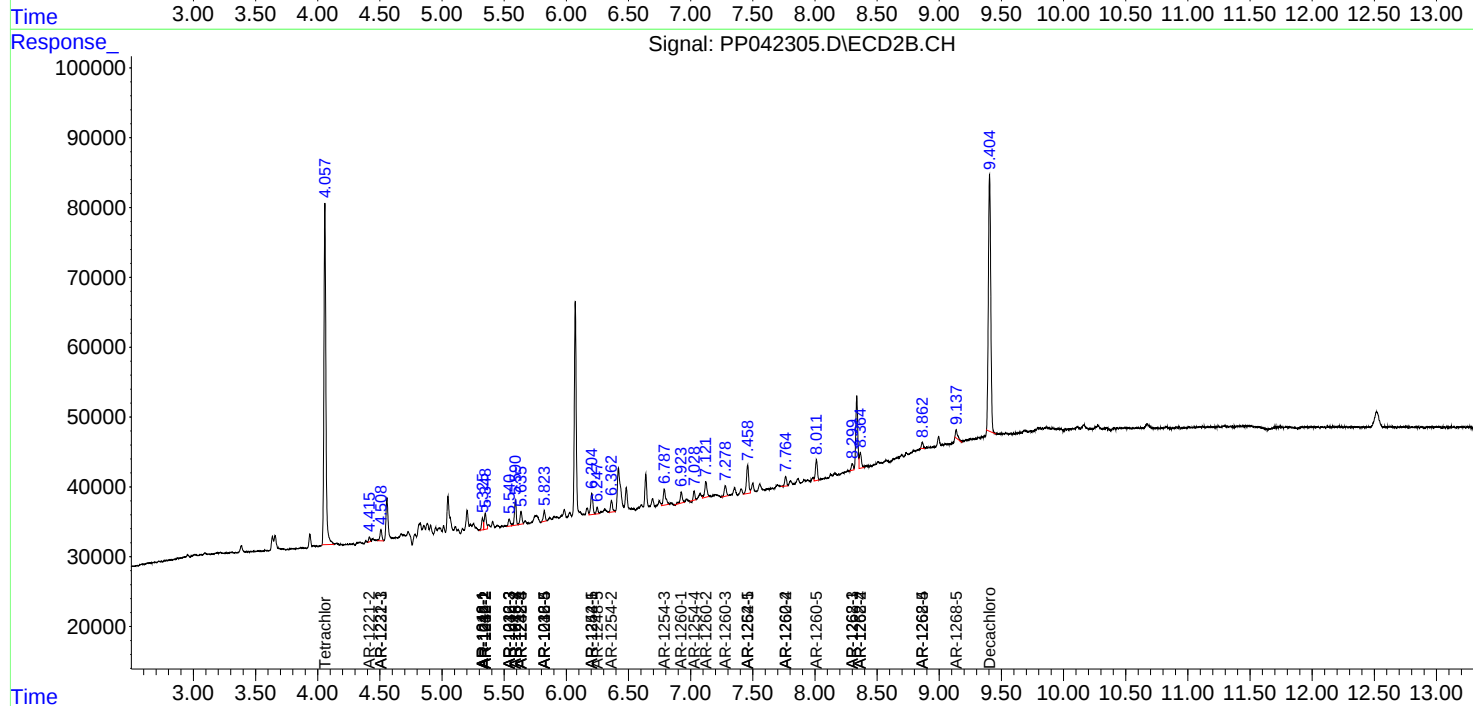
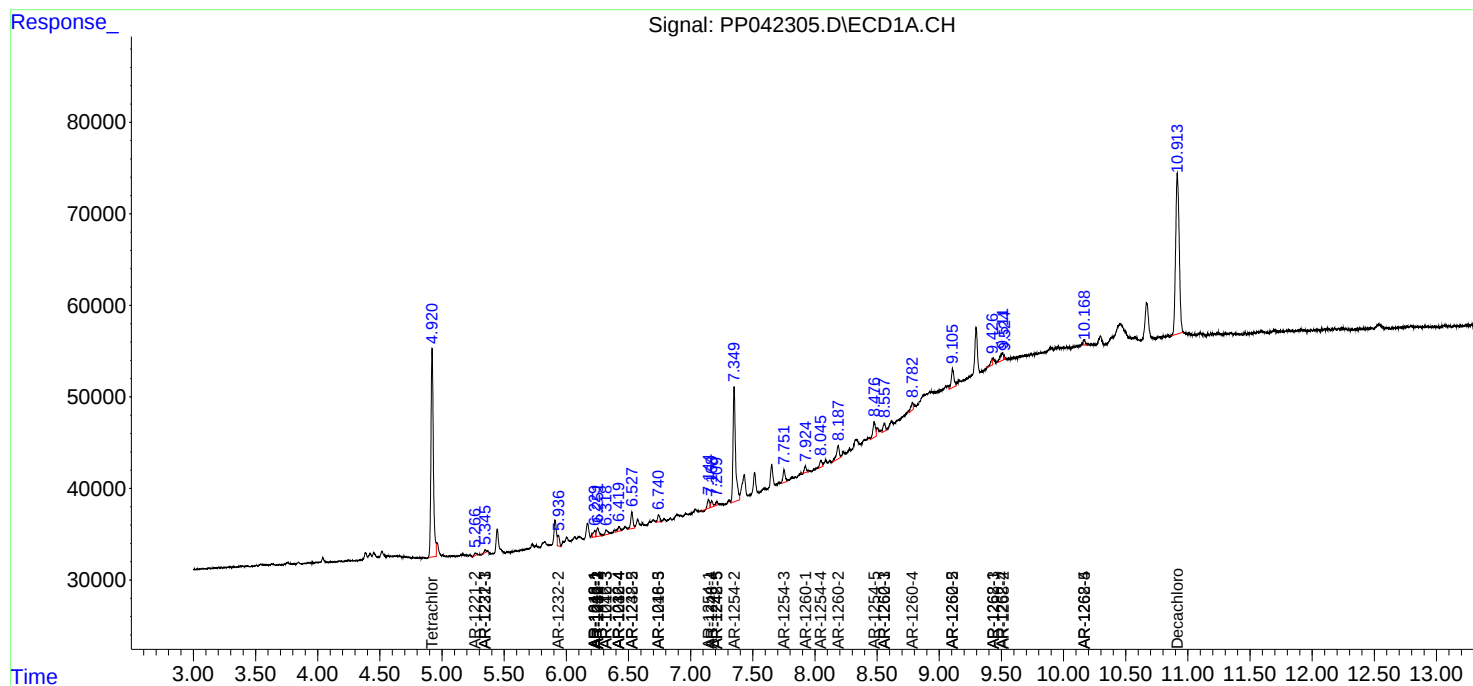
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

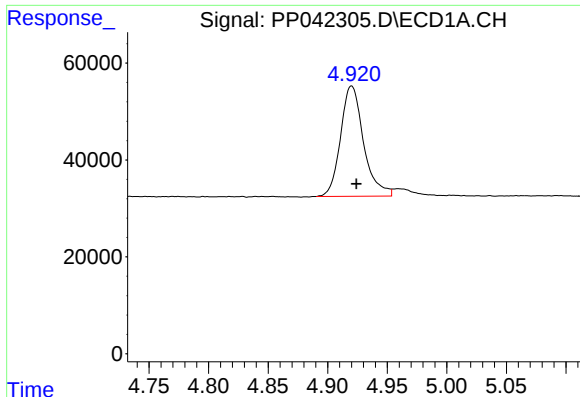
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP122821\
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Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

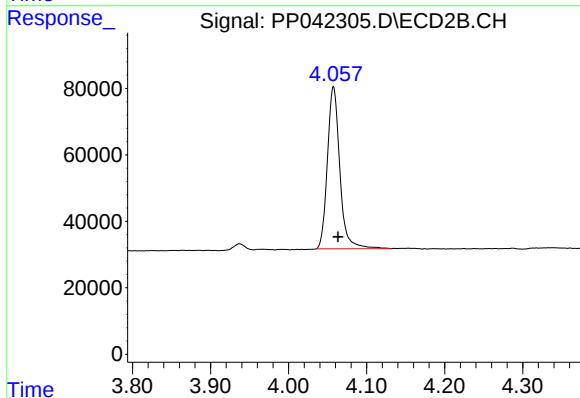




#1 Tetrachloro-m-xylene

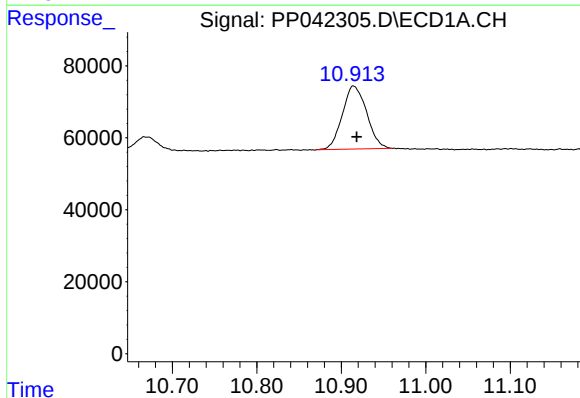
R.T.: 4.920 min
Delta R.T.: -0.004 min
Response: 305877
Conc: 23.30 ng/ml

Instrument :
ECD_P
ClientSampleId :



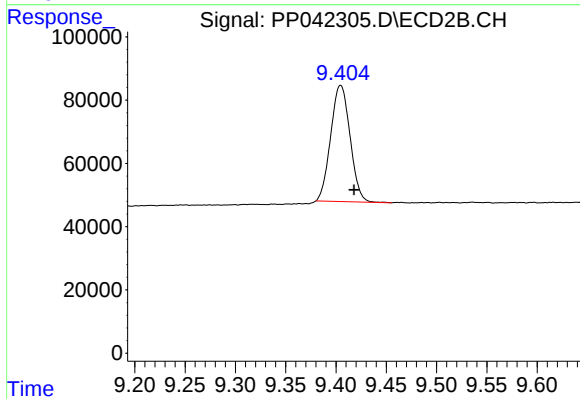
#1 Tetrachloro-m-xylene

R.T.: 4.058 min
Delta R.T.: -0.006 min
Response: 540859
Conc: 23.68 ng/ml



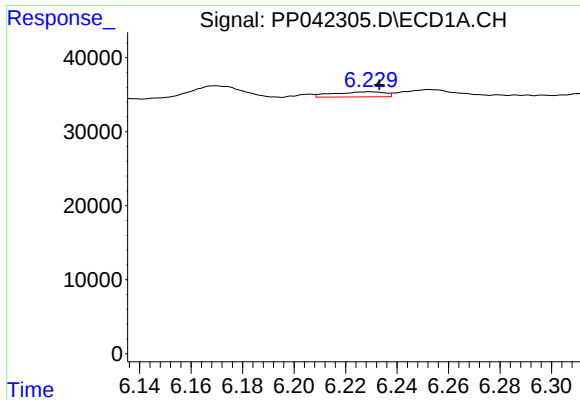
#2 Decachlorobiphenyl

R.T.: 10.914 min
Delta R.T.: -0.004 min
Response: 350219
Conc: 28.75 ng/ml



#2 Decachlorobiphenyl

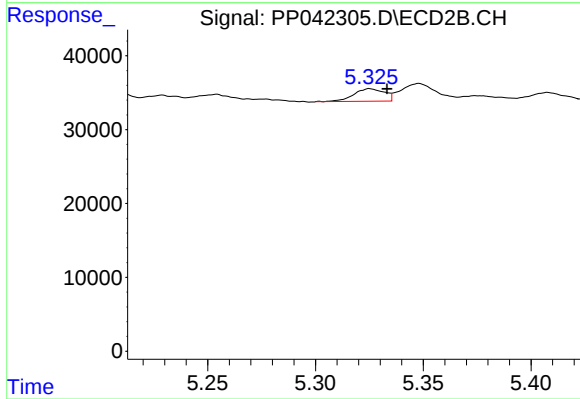
R.T.: 9.405 min
Delta R.T.: -0.013 min
Response: 492618
Conc: 30.46 ng/ml



#3 AR-1016-1

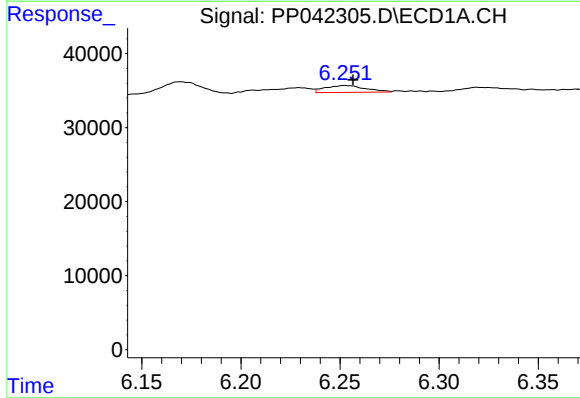
R.T.: 6.229 min
Delta R.T.: -0.004 min
Response: 9470
Conc: 21.31 ng/ml

Instrument :
ECD_P
ClientSampleId :



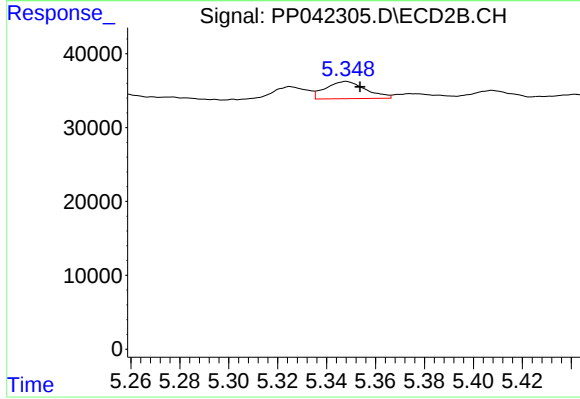
#3 AR-1016-1

R.T.: 5.325 min
Delta R.T.: -0.008 min
Response: 16759
Conc: 18.28 ng/ml



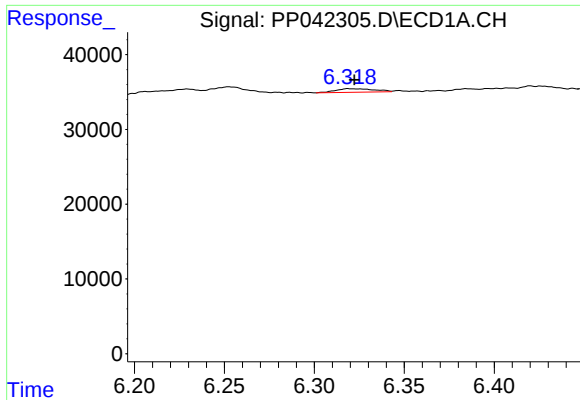
#4 AR-1016-2

R.T.: 6.252 min
Delta R.T.: -0.004 min
Response: 13080
Conc: 19.77 ng/ml



#4 AR-1016-2

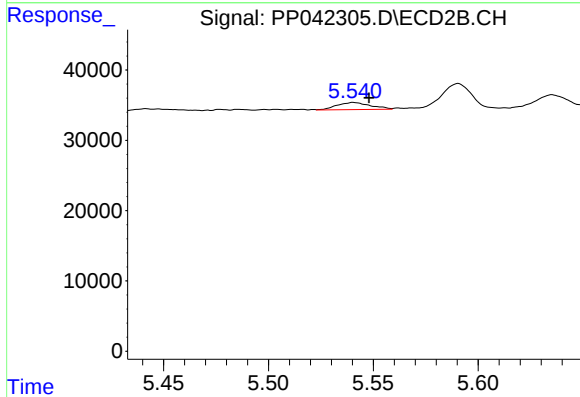
R.T.: 5.348 min
Delta R.T.: -0.005 min
Response: 26371
Conc: 20.93 ng/ml



#5 AR-1016-3

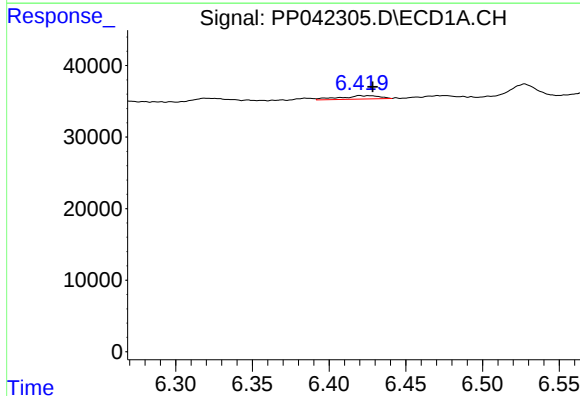
R.T.: 6.319 min
Delta R.T.: -0.004 min
Response: 7241
Conc: 17.75 ng/ml

Instrument :
ECD_P
ClientSampleId :



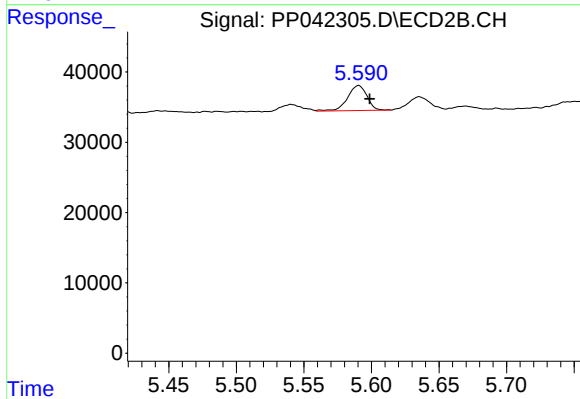
#5 AR-1016-3

R.T.: 5.541 min
Delta R.T.: -0.007 min
Response: 11318
Conc: 16.12 ng/ml



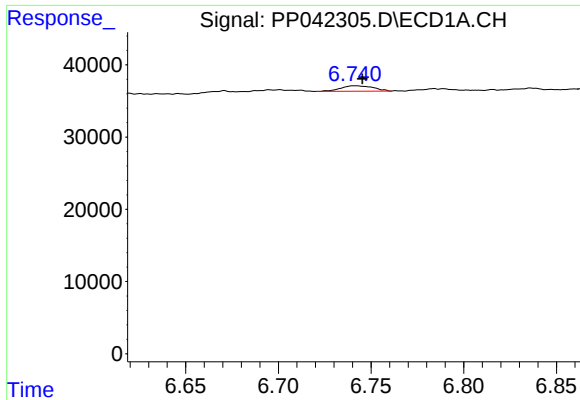
#6 AR-1016-4

R.T.: 6.420 min
Delta R.T.: -0.008 min
Response: 8287
Conc: 25.44 ng/ml



#6 AR-1016-4

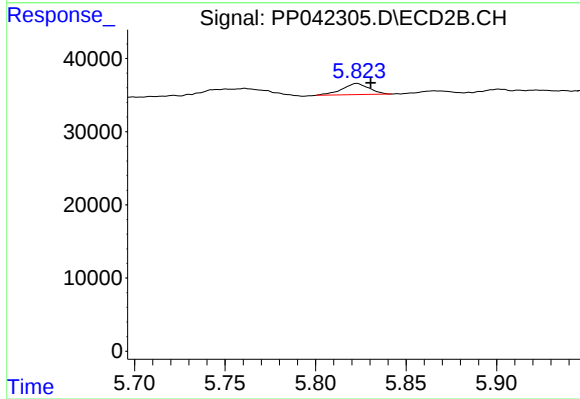
R.T.: 5.591 min
Delta R.T.: -0.008 min
Response: 35761
Conc: 65.85 ng/ml



#7 AR-1016-5

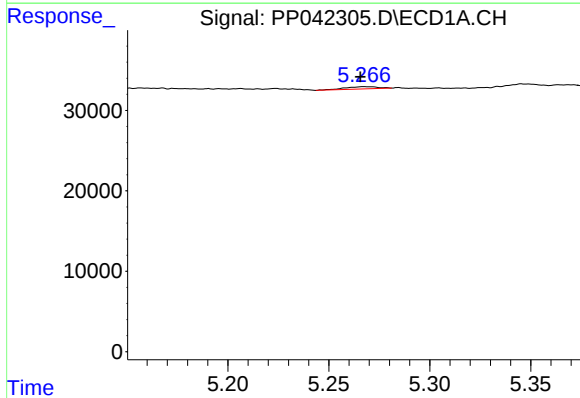
R.T.: 6.741 min
Delta R.T.: -0.005 min
Response: 9317
Conc: 27.15 ng/ml

Instrument :
ECD_P
ClientSampleId :



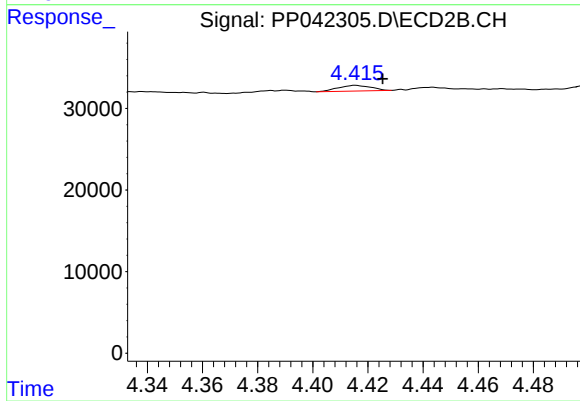
#7 AR-1016-5

R.T.: 5.823 min
Delta R.T.: -0.008 min
Response: 15758
Conc: 24.17 ng/ml



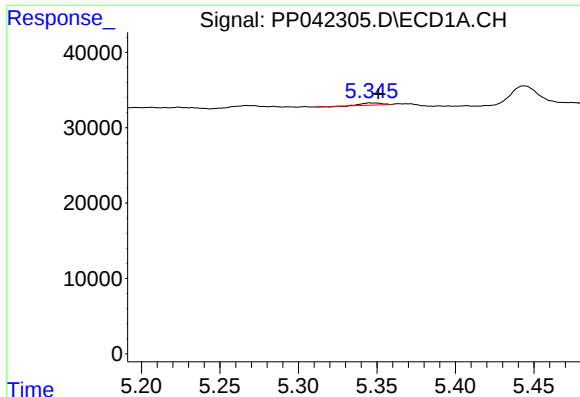
#9 AR-1221-2

R.T.: 5.267 min
Delta R.T.: 0.002 min
Response: 3183
Conc: 28.23 ng/ml



#9 AR-1221-2

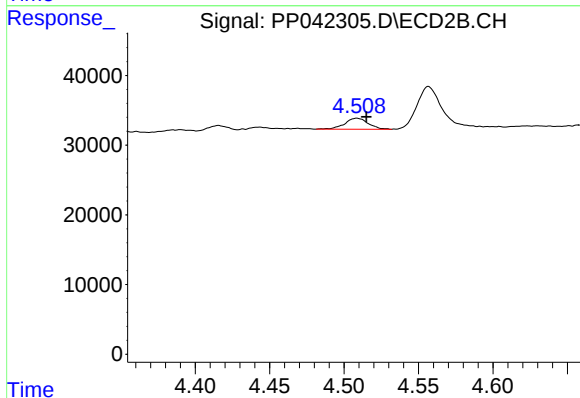
R.T.: 4.416 min
Delta R.T.: -0.010 min
Response: 5766
Conc: 27.16 ng/ml



#10 AR-1221-3

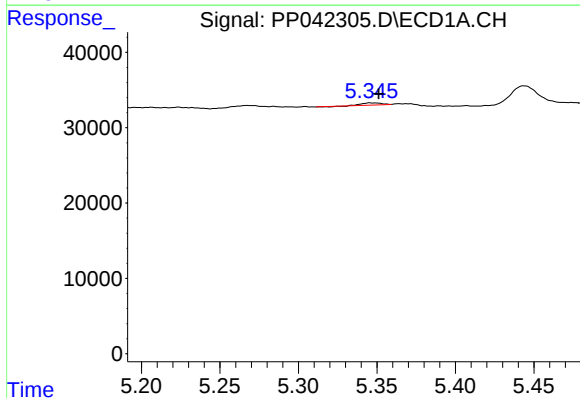
R.T.: 5.345 min
Delta R.T.: -0.006 min
Response: 2296
Conc: 6.56 ng/ml

Instrument :
ECD_P
ClientSampleId :



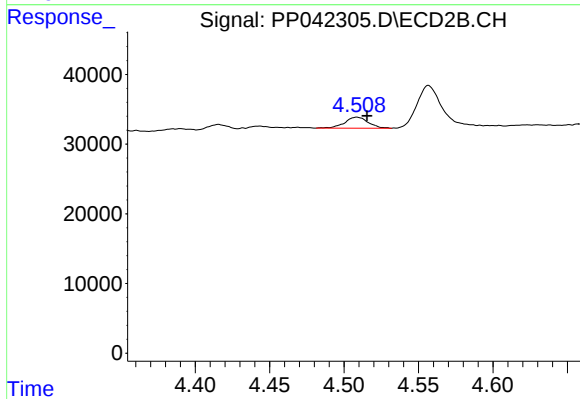
#10 AR-1221-3

R.T.: 4.509 min
Delta R.T.: -0.006 min
Response: 17631
Conc: 25.35 ng/ml



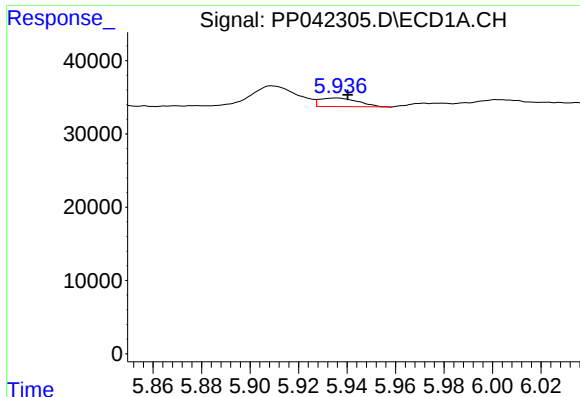
#11 AR-1232-1

R.T.: 5.345 min
Delta R.T.: -0.006 min
Response: 2296
Conc: 7.95 ng/ml



#11 AR-1232-1

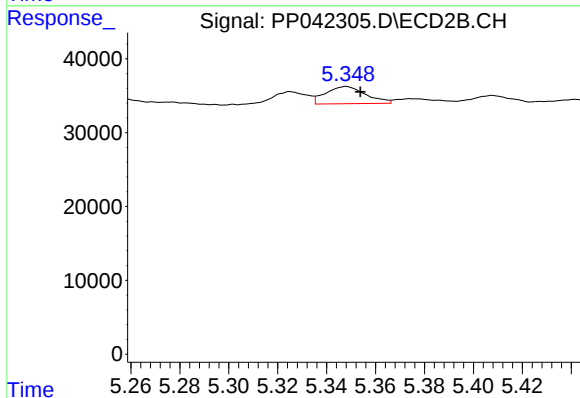
R.T.: 4.509 min
Delta R.T.: -0.007 min
Response: 17631
Conc: 30.16 ng/ml



#12 AR-1232-2

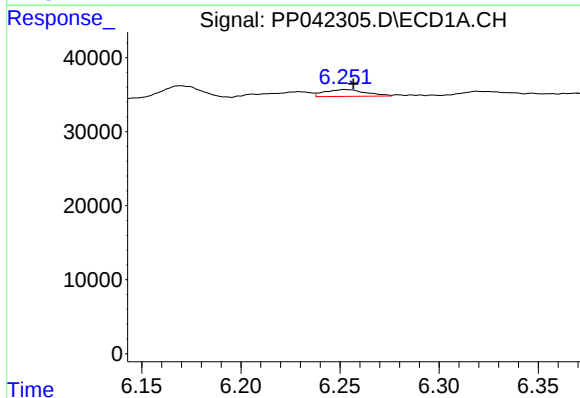
R.T.: 5.936 min
Delta R.T.: -0.005 min
Response: 12900
Conc: 87.02 ng/ml

Instrument :
ECD_P
ClientSampleId :



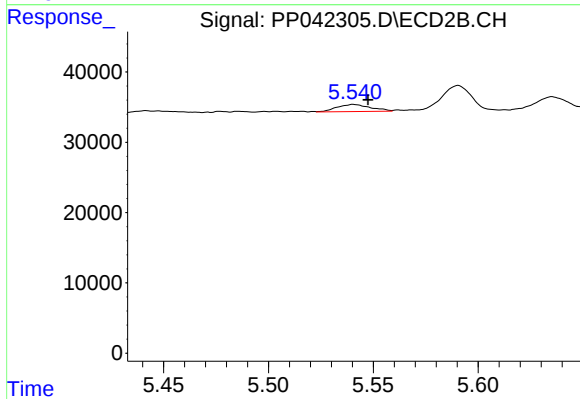
#12 AR-1232-2

R.T.: 5.348 min
Delta R.T.: -0.006 min
Response: 26371
Conc: 49.56 ng/ml



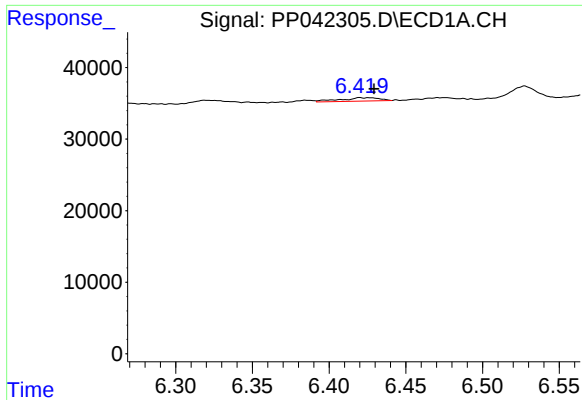
#13 AR-1232-3

R.T.: 6.252 min
Delta R.T.: -0.005 min
Response: 13080
Conc: 49.99 ng/ml



#13 AR-1232-3

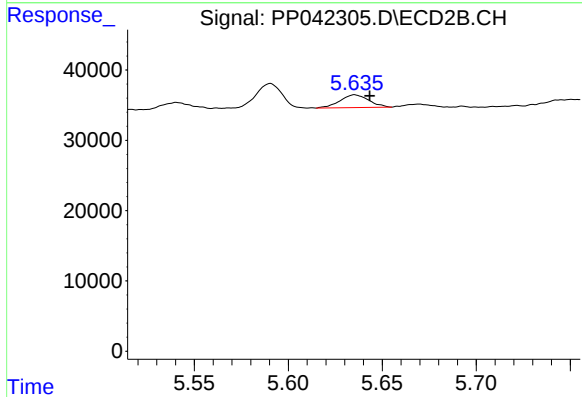
R.T.: 5.541 min
Delta R.T.: -0.007 min
Response: 11318
Conc: 39.54 ng/ml



#14 AR-1232-4

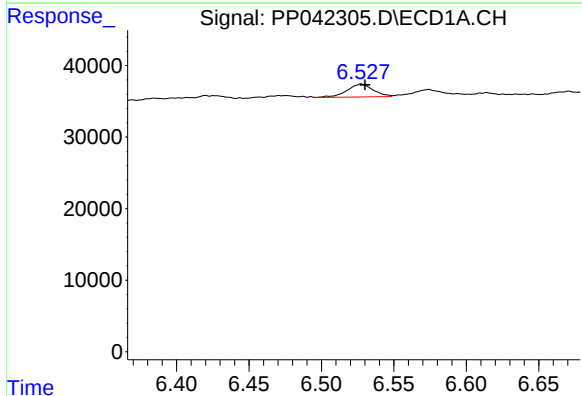
R.T.: 6.420 min
Delta R.T.: -0.009 min
Response: 8287
Conc: 63.22 ng/ml

Instrument :
ECD_P
ClientSampleId :



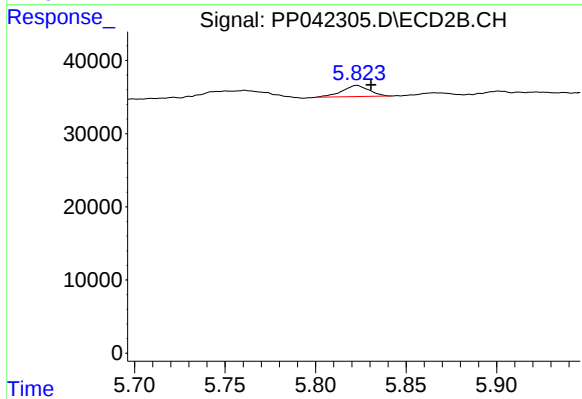
#14 AR-1232-4

R.T.: 5.635 min
Delta R.T.: -0.008 min
Response: 19502
Conc: 80.85 ng/ml



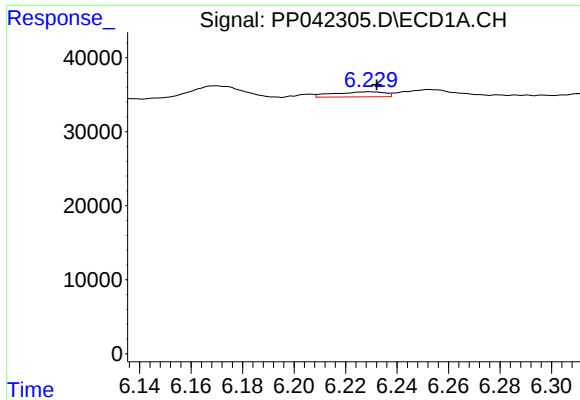
#15 AR-1232-5

R.T.: 6.527 min
Delta R.T.: -0.002 min
Response: 22563
Conc: 218.65 ng/ml



#15 AR-1232-5

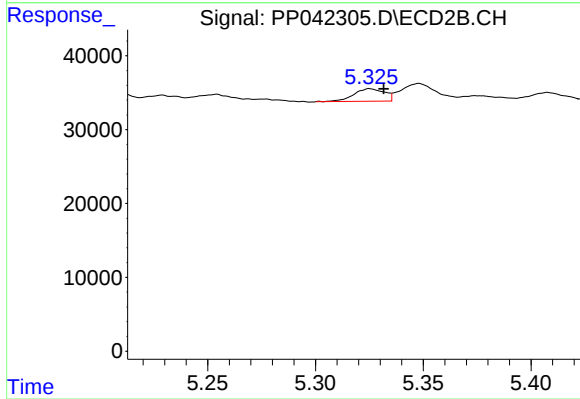
R.T.: 5.823 min
Delta R.T.: -0.008 min
Response: 15758
Conc: 64.90 ng/ml



#16 AR-1242-1

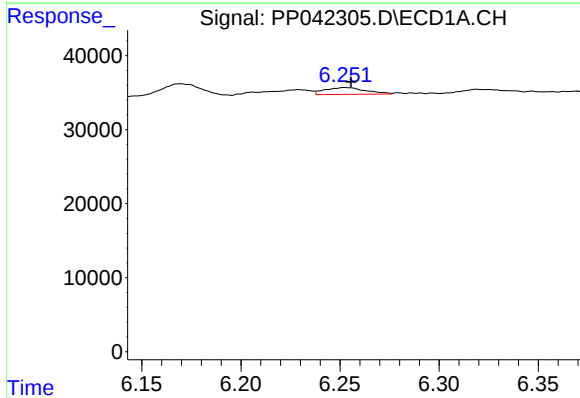
R.T.: 6.229 min
Delta R.T.: -0.003 min
Response: 9470
Conc: 29.04 ng/ml

Instrument :
ECD_P
ClientSampleId :



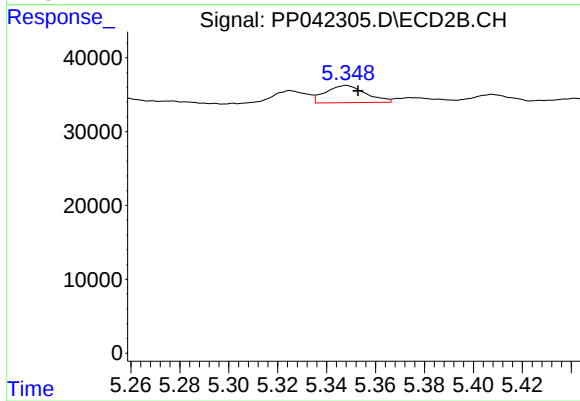
#16 AR-1242-1

R.T.: 5.325 min
Delta R.T.: -0.007 min
Response: 16759
Conc: 24.61 ng/ml



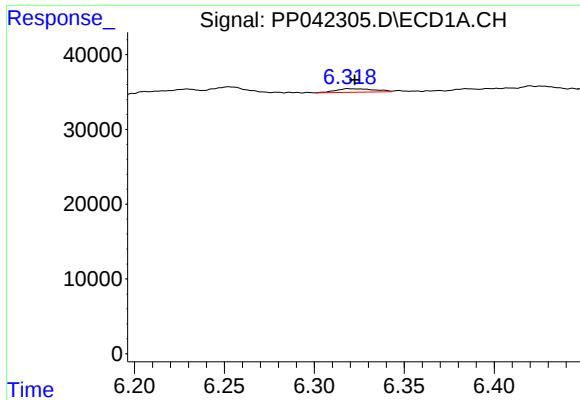
#17 AR-1242-2

R.T.: 6.252 min
Delta R.T.: -0.003 min
Response: 13080
Conc: 27.41 ng/ml



#17 AR-1242-2

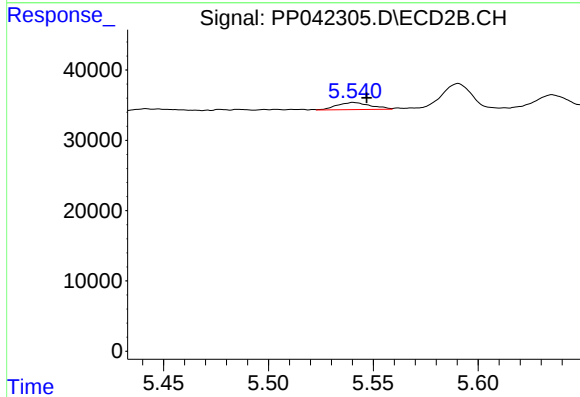
R.T.: 5.348 min
Delta R.T.: -0.005 min
Response: 26371
Conc: 28.31 ng/ml



#18 AR-1242-3

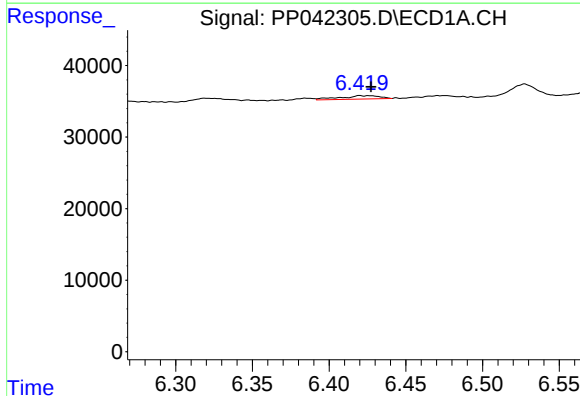
R.T.: 6.319 min
Delta R.T.: -0.004 min
Response: 7241
Conc: 24.18 ng/ml

Instrument :
ECD_P
ClientSampleId :



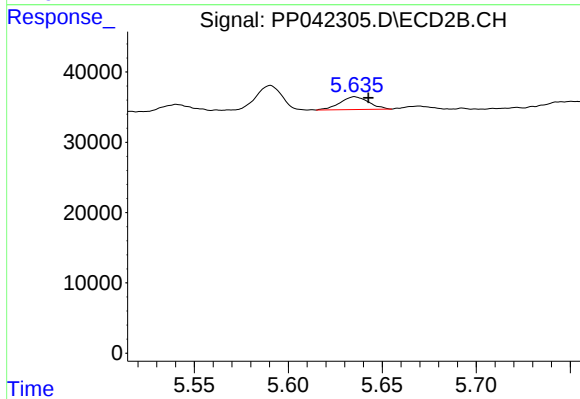
#18 AR-1242-3

R.T.: 5.541 min
Delta R.T.: -0.006 min
Response: 11318
Conc: 21.42 ng/ml



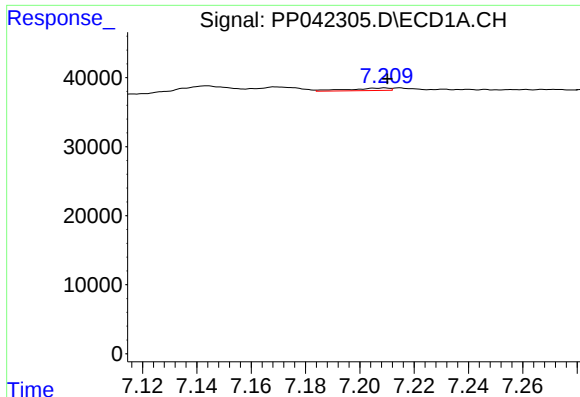
#19 AR-1242-4

R.T.: 6.420 min
Delta R.T.: -0.007 min
Response: 8287
Conc: 33.82 ng/ml



#19 AR-1242-4

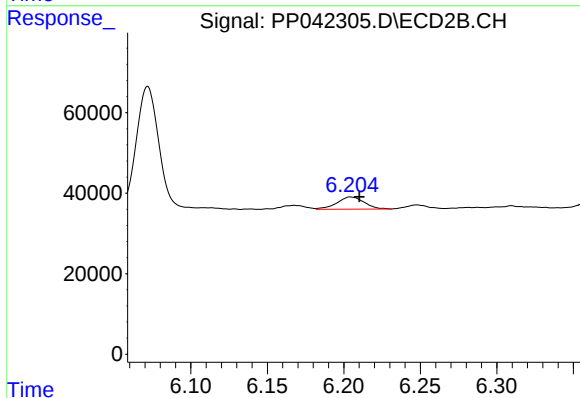
R.T.: 5.635 min
Delta R.T.: -0.007 min
Response: 19502
Conc: 38.55 ng/ml



#20 AR-1242-5

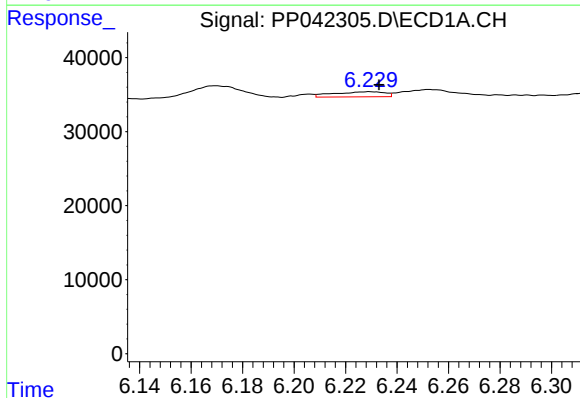
R.T.: 7.209 min
Delta R.T.: 0.000 min
Response: 3645
Conc: 14.02 ng/ml

Instrument :
ECD_P
ClientSampleId :



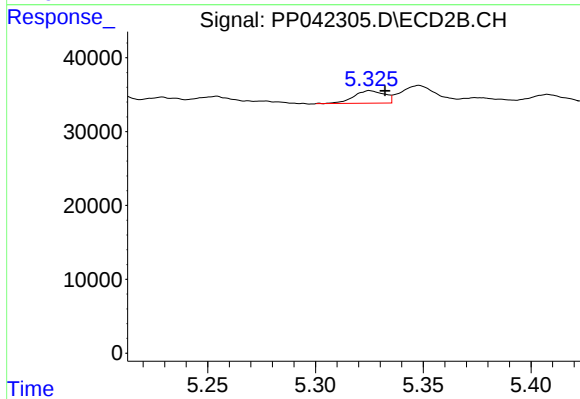
#20 AR-1242-5

R.T.: 6.205 min
Delta R.T.: -0.006 min
Response: 37614
Conc: 63.45 ng/ml



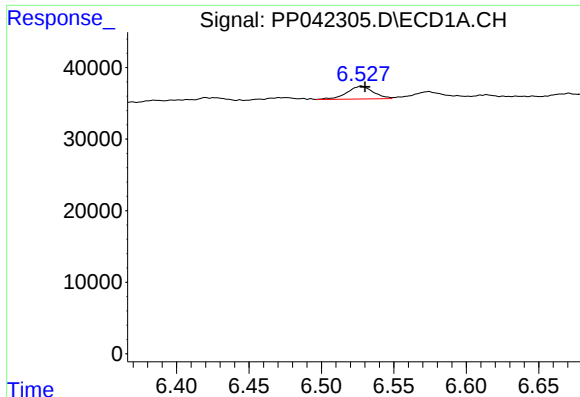
#21 AR-1248-1

R.T.: 6.229 min
Delta R.T.: -0.004 min
Response: 9470
Conc: 37.83 ng/ml



#21 AR-1248-1

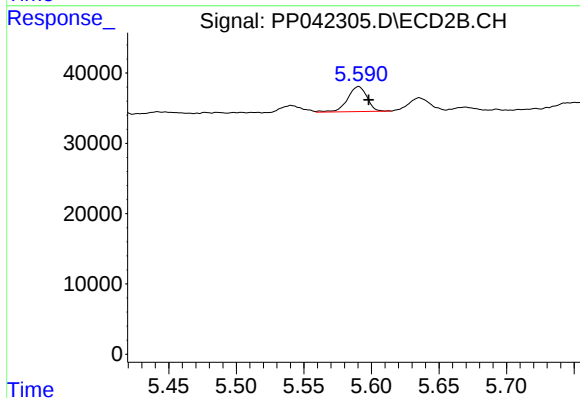
R.T.: 5.325 min
Delta R.T.: -0.007 min
Response: 16759
Conc: 32.26 ng/ml



#22 AR-1248-2

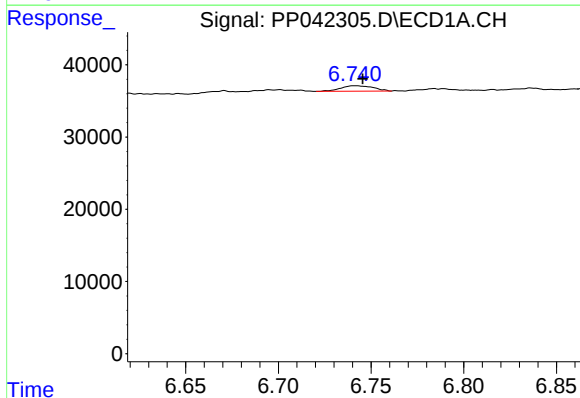
R.T.: 6.527 min
Delta R.T.: -0.003 min
Response: 22563
Conc: 63.89 ng/ml

Instrument :
ECD_P
ClientSampleId :



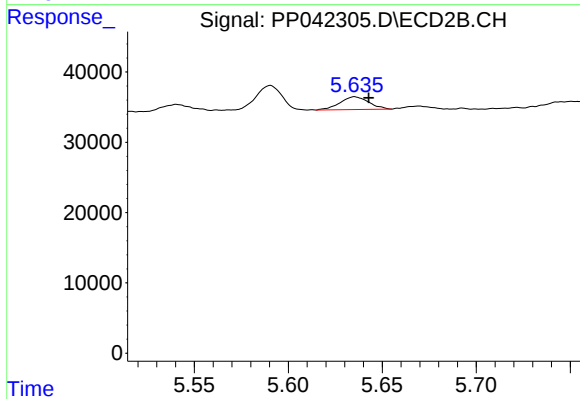
#22 AR-1248-2

R.T.: 5.591 min
Delta R.T.: -0.007 min
Response: 35761
Conc: 50.78 ng/ml



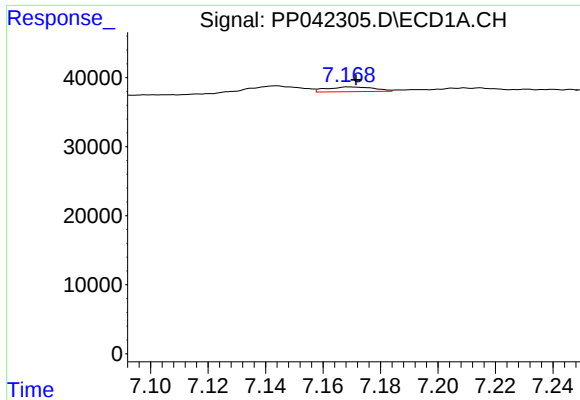
#23 AR-1248-3

R.T.: 6.741 min
Delta R.T.: -0.005 min
Response: 9317
Conc: 22.15 ng/ml



#23 AR-1248-3

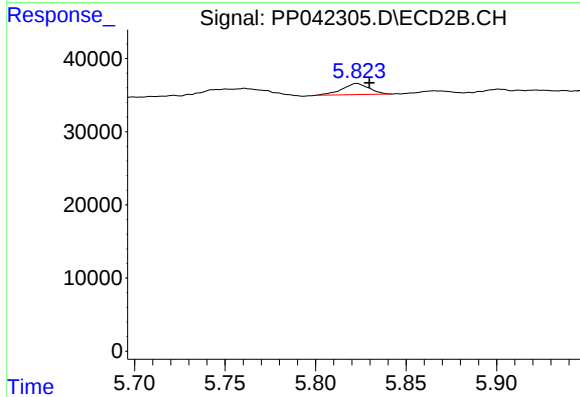
R.T.: 5.635 min
Delta R.T.: -0.007 min
Response: 19502
Conc: 26.28 ng/ml



#24 AR-1248-4

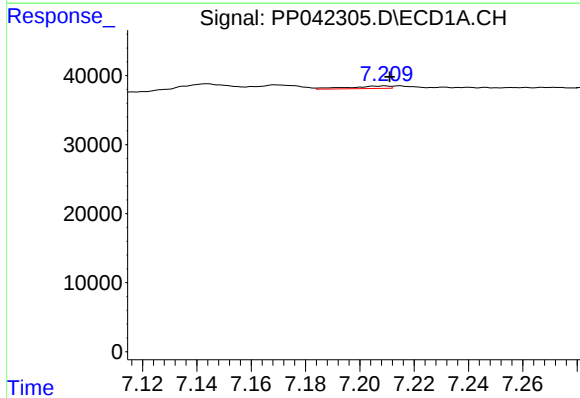
R.T.: 7.169 min
Delta R.T.: -0.003 min
Response: 7852
Conc: 17.32 ng/ml

Instrument :
ECD_P
ClientSampleId :



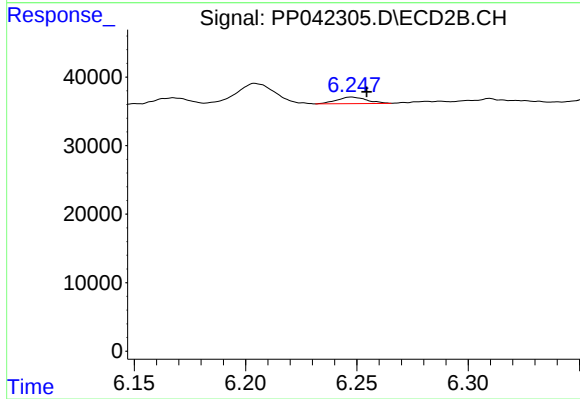
#24 AR-1248-4

R.T.: 5.823 min
Delta R.T.: -0.007 min
Response: 15758
Conc: 18.72 ng/ml



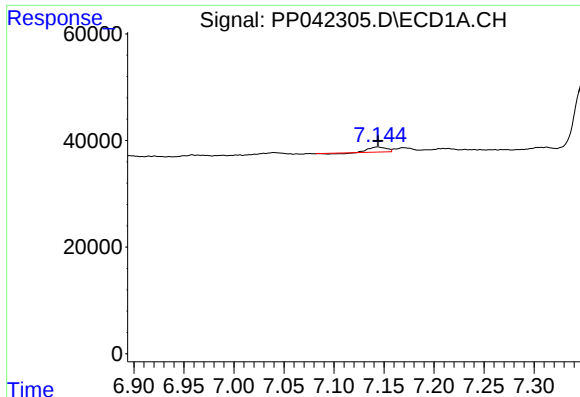
#25 AR-1248-5

R.T.: 7.209 min
Delta R.T.: -0.002 min
Response: 3645
Conc: 8.18 ng/ml



#25 AR-1248-5

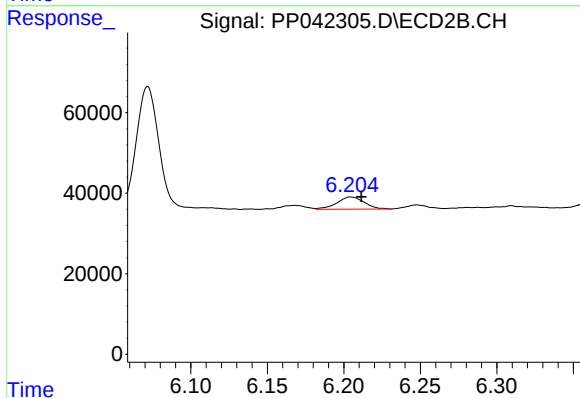
R.T.: 6.248 min
Delta R.T.: -0.007 min
Response: 8932
Conc: 10.78 ng/ml



#26 AR-1254-1

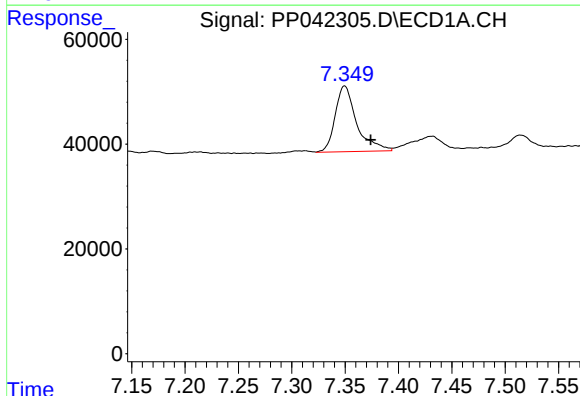
R.T.: 7.144 min
Delta R.T.: 0.000 min
Response: 10112
Conc: 20.28 ng/ml

Instrument :
ECD_P
ClientSampleId :



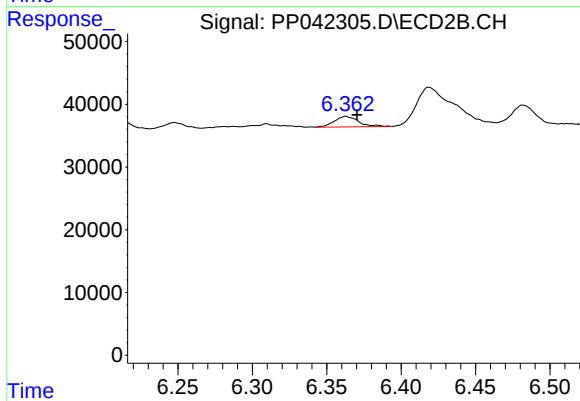
#26 AR-1254-1

R.T.: 6.205 min
Delta R.T.: -0.007 min
Response: 37614
Conc: 30.07 ng/ml



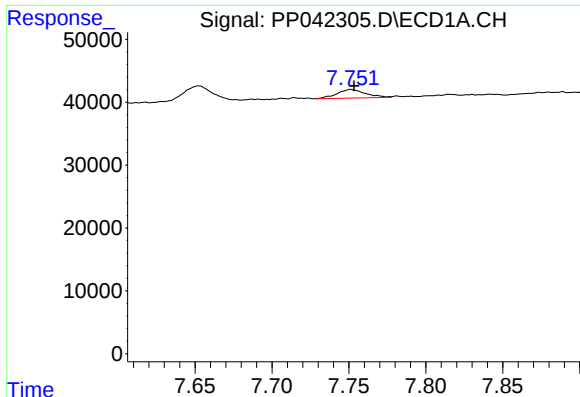
#27 AR-1254-2

R.T.: 7.350 min
Delta R.T.: -0.024 min
Response: 176105
Conc: 229.71 ng/ml



#27 AR-1254-2

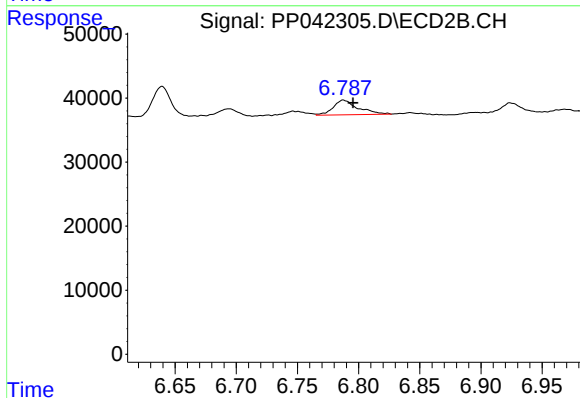
R.T.: 6.363 min
Delta R.T.: -0.008 min
Response: 18939
Conc: 17.40 ng/ml



#28 AR-1254-3

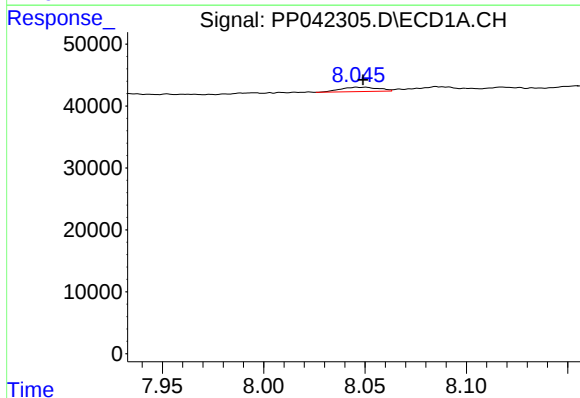
R.T.: 7.751 min
Delta R.T.: -0.002 min
Response: 17609
Conc: 22.82 ng/ml

Instrument :
ECD_P
ClientSampleId :



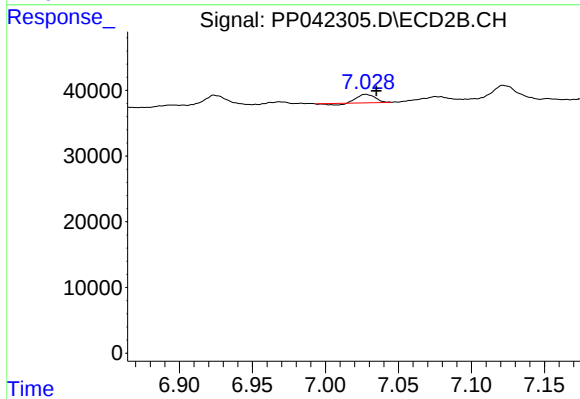
#28 AR-1254-3

R.T.: 6.788 min
Delta R.T.: -0.008 min
Response: 32311
Conc: 19.45 ng/ml



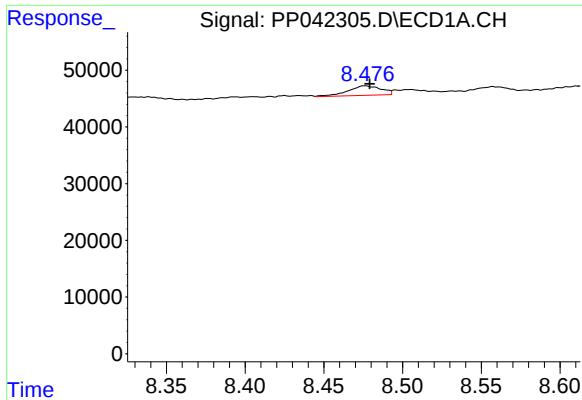
#29 AR-1254-4

R.T.: 8.046 min
Delta R.T.: -0.003 min
Response: 9284
Conc: 16.69 ng/ml



#29 AR-1254-4

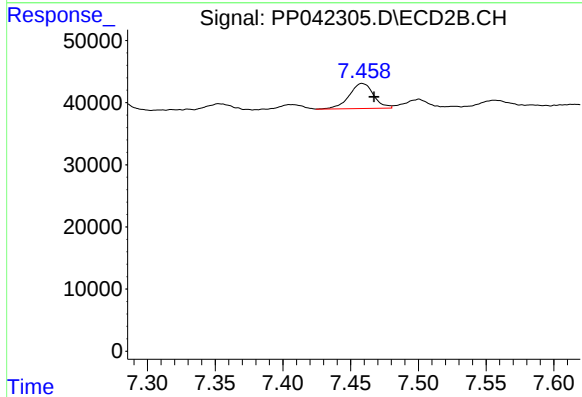
R.T.: 7.028 min
Delta R.T.: -0.007 min
Response: 9992
Conc: 10.24 ng/ml



#30 AR-1254-5

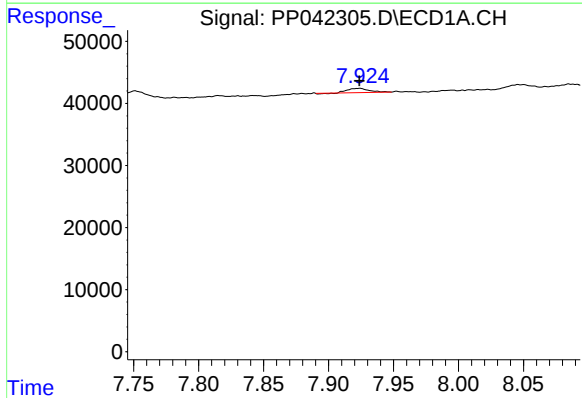
R.T.: 8.476 min
Delta R.T.: -0.003 min
Response: 24521
Conc: 39.16 ng/ml

Instrument :
ECD_P
ClientSampleId :



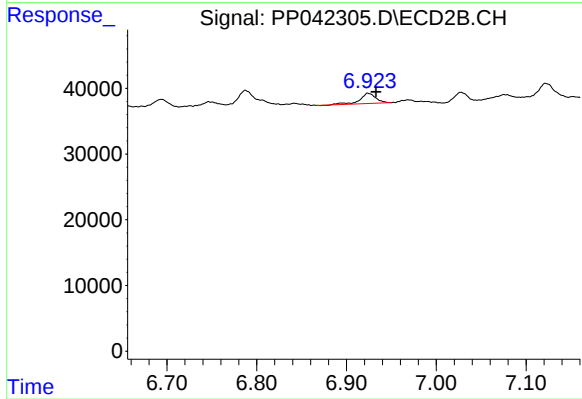
#30 AR-1254-5

R.T.: 7.459 min
Delta R.T.: -0.009 min
Response: 50562
Conc: 39.46 ng/ml



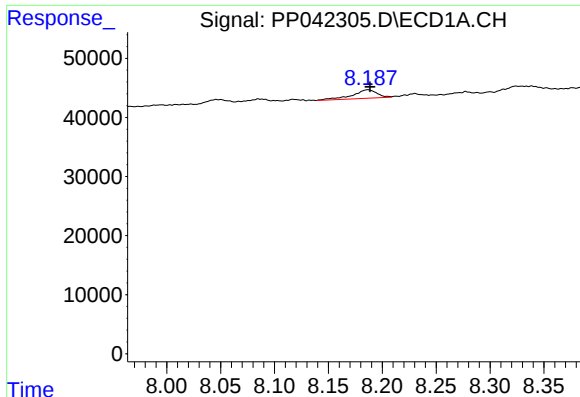
#31 AR-1260-1

R.T.: 7.924 min
Delta R.T.: 0.000 min
Response: 7446
Conc: 12.56 ng/ml



#31 AR-1260-1

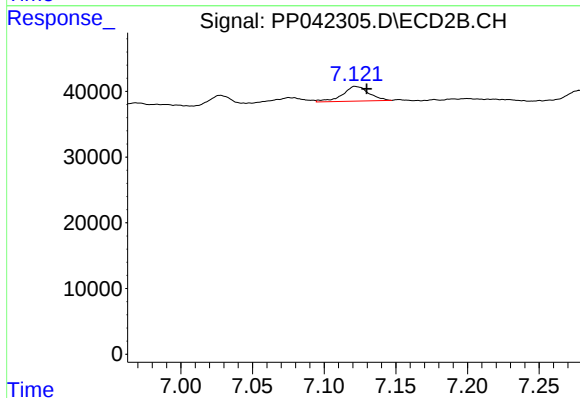
R.T.: 6.924 min
Delta R.T.: -0.009 min
Response: 19298
Conc: 18.16 ng/ml



#32 AR-1260-2

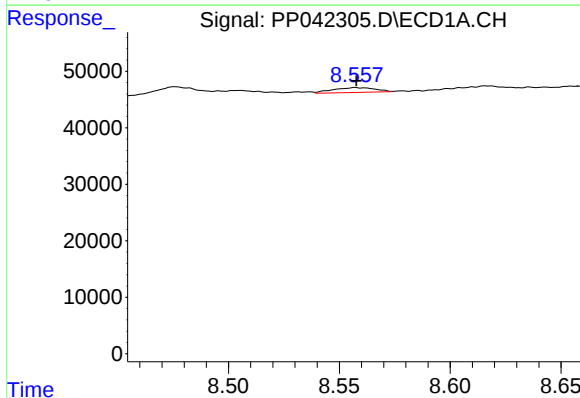
R.T.: 8.187 min
Delta R.T.: -0.002 min
Response: 23185
Conc: 30.03 ng/ml

Instrument :
ECD_P
ClientSampleId :



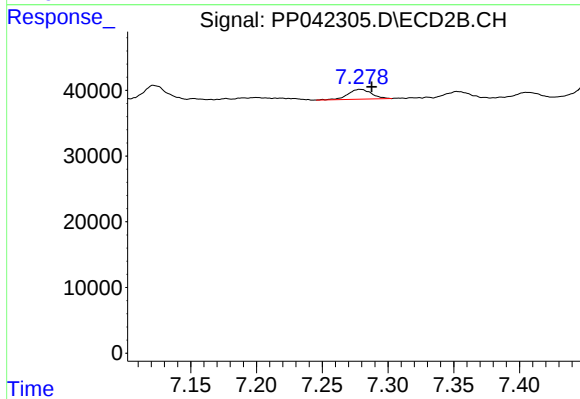
#32 AR-1260-2

R.T.: 7.122 min
Delta R.T.: -0.008 min
Response: 28824
Conc: 23.35 ng/ml



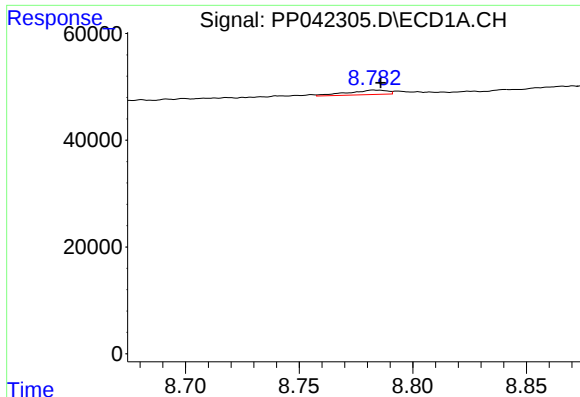
#33 AR-1260-3

R.T.: 8.557 min
Delta R.T.: 0.000 min
Response: 11516
Conc: 22.26 ng/ml



#33 AR-1260-3

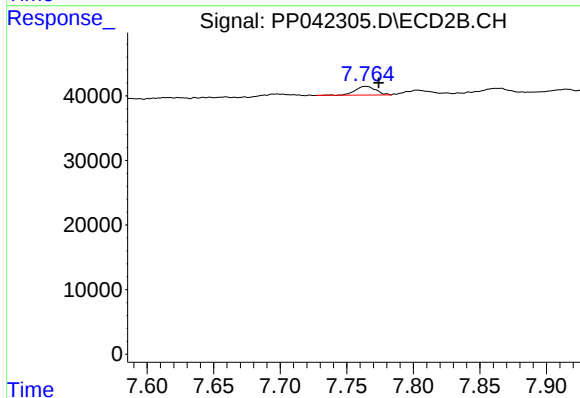
R.T.: 7.279 min
Delta R.T.: -0.009 min
Response: 18560
Conc: 13.85 ng/ml



#34 AR-1260-4

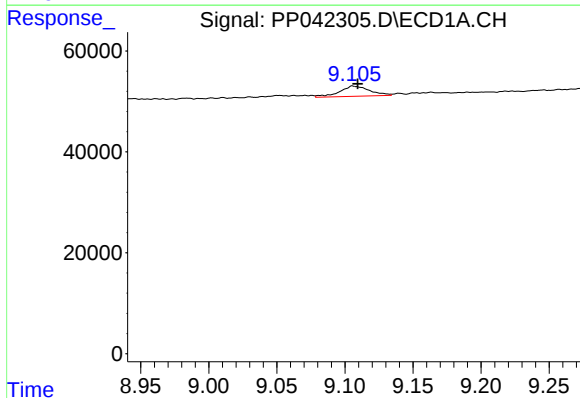
R.T.: 8.783 min
Delta R.T.: -0.003 min
Response: 10155
Conc: 17.54 ng/ml

Instrument :
ECD_P
ClientSampleId :



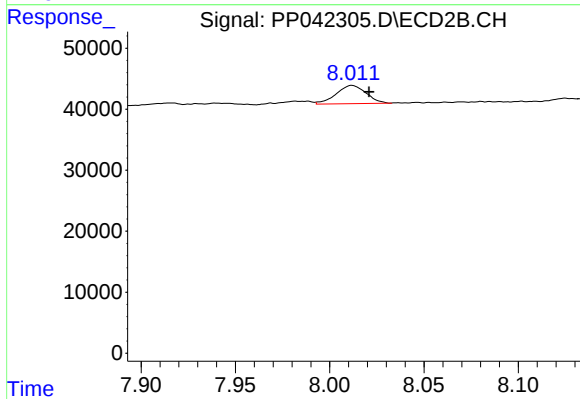
#34 AR-1260-4

R.T.: 7.764 min
Delta R.T.: -0.010 min
Response: 14540
Conc: 16.28 ng/ml



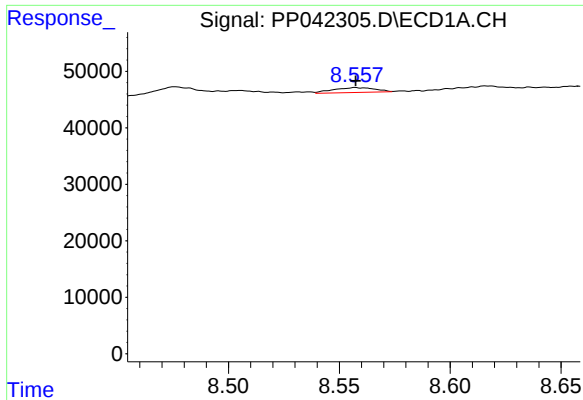
#35 AR-1260-5

R.T.: 9.106 min
Delta R.T.: -0.004 min
Response: 31337
Conc: 26.78 ng/ml



#35 AR-1260-5

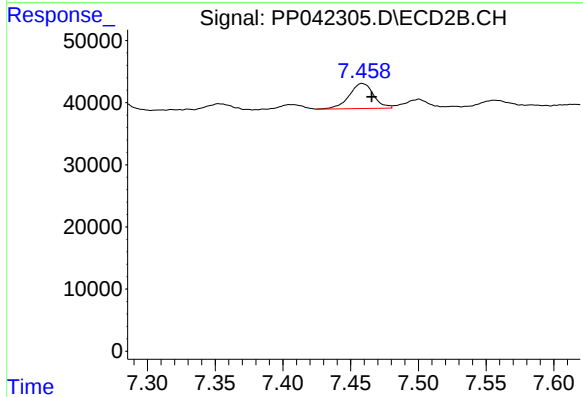
R.T.: 8.012 min
Delta R.T.: -0.009 min
Response: 32949
Conc: 17.12 ng/ml



#36 AR-1262-1

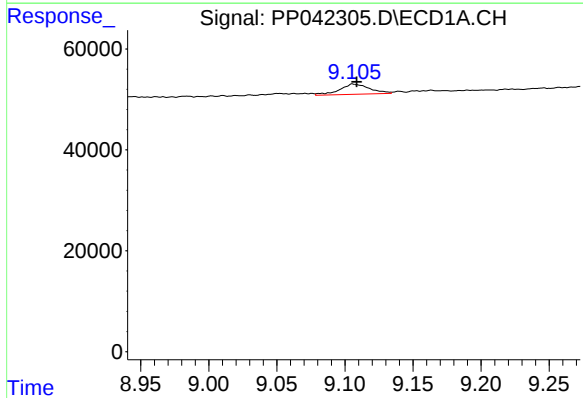
R.T.: 8.557 min
Delta R.T.: 0.000 min
Response: 11516
Conc: 15.01 ng/ml

Instrument :
ECD_P
ClientSampleId :



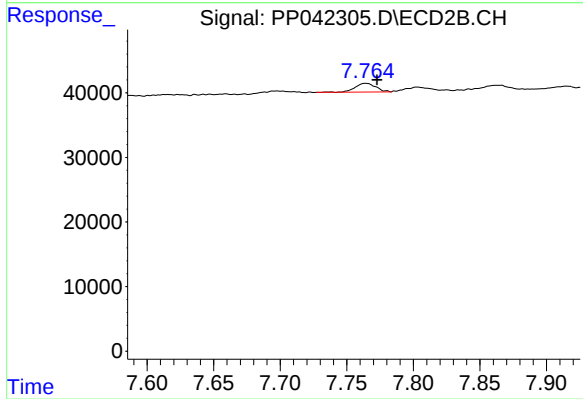
#36 AR-1262-1

R.T.: 7.459 min
Delta R.T.: -0.007 min
Response: 50562
Conc: 75.99 ng/ml



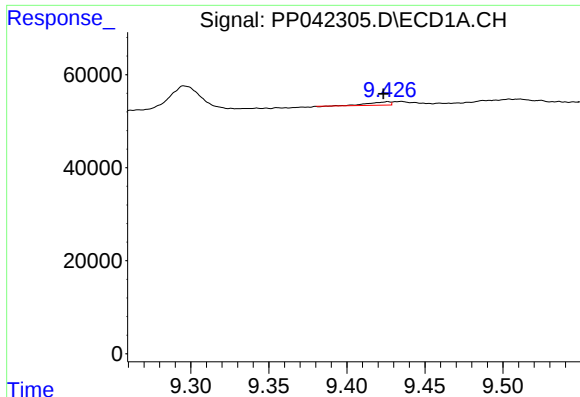
#37 AR-1262-2

R.T.: 9.106 min
Delta R.T.: -0.003 min
Response: 31337
Conc: 25.57 ng/ml



#37 AR-1262-2

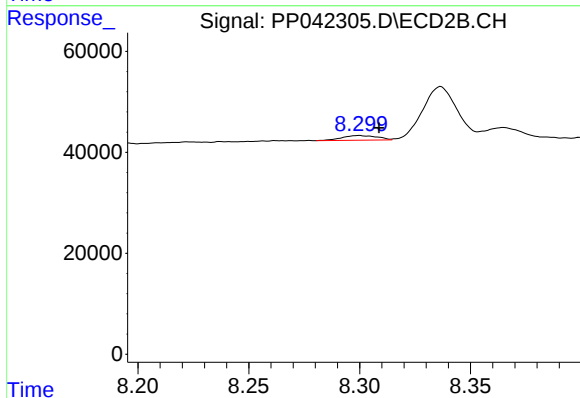
R.T.: 7.764 min
Delta R.T.: -0.009 min
Response: 14540
Conc: 13.41 ng/ml



#38 AR-1262-3

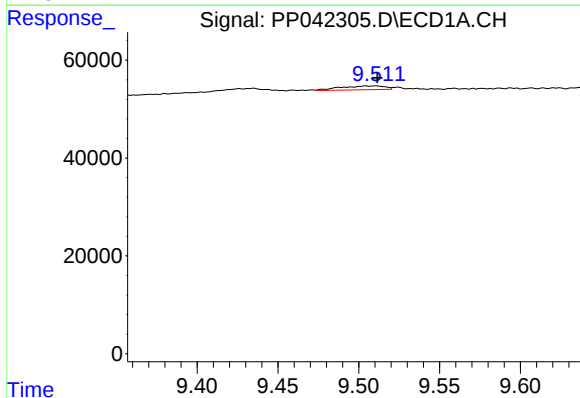
R.T.: 9.426 min
Delta R.T.: 0.003 min
Response: 6716
Conc: 13.66 ng/ml

Instrument :
ECD_P
ClientSampleId :



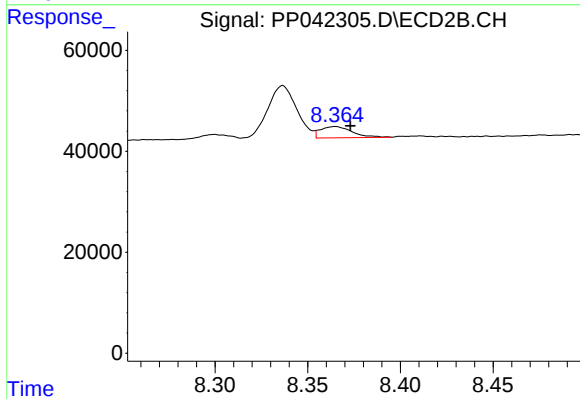
#38 AR-1262-3

R.T.: 8.300 min
Delta R.T.: -0.009 min
Response: 10348
Conc: 13.58 ng/ml



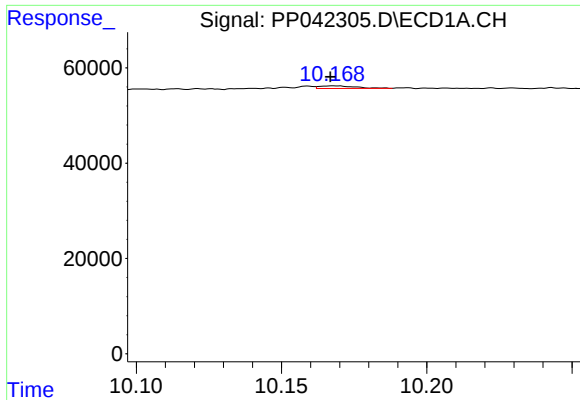
#39 AR-1262-4

R.T.: 9.504 min
Delta R.T.: -0.007 min
Response: 15043
Conc: 40.82 ng/ml



#39 AR-1262-4

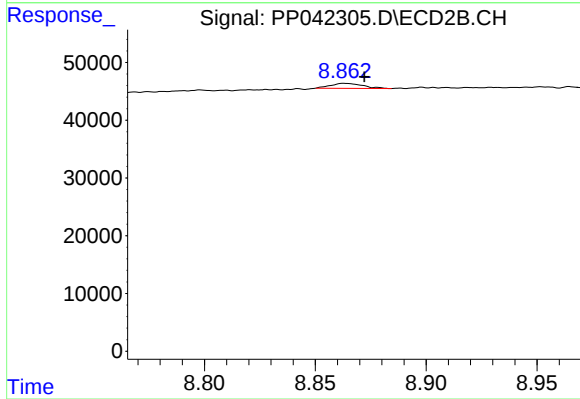
R.T.: 8.365 min
Delta R.T.: -0.008 min
Response: 26603
Conc: 17.46 ng/ml



#40 AR-1262-5

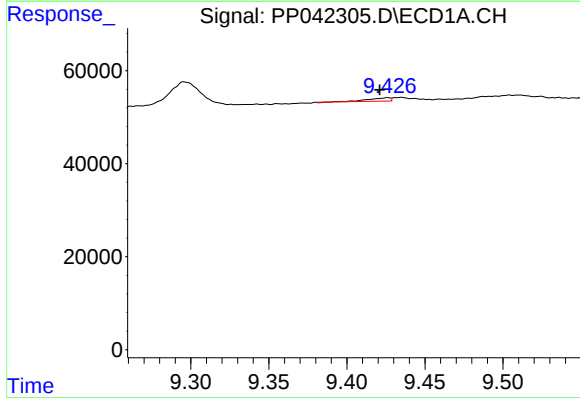
R.T.: 10.168 min
Delta R.T.: 0.001 min
Response: 4906
Conc: 10.71 ng/ml

Instrument :
ECD_P
ClientSampleId :



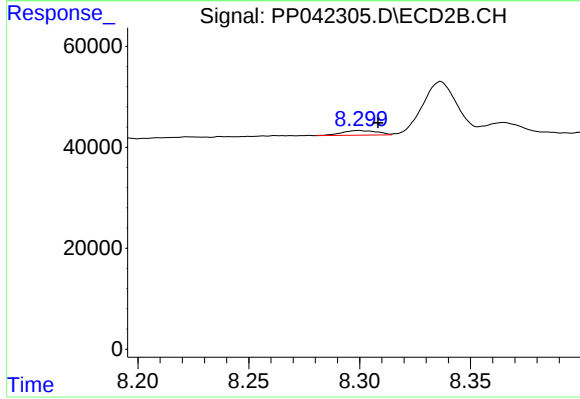
#40 AR-1262-5

R.T.: 8.863 min
Delta R.T.: -0.009 min
Response: 8839
Conc: 12.36 ng/ml



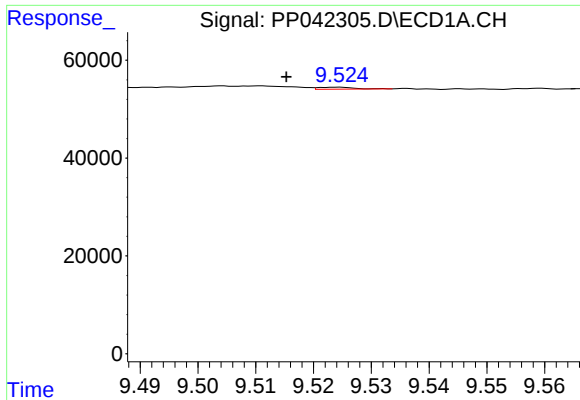
#41 AR-1268-1

R.T.: 9.426 min
Delta R.T.: 0.005 min
Response: 6716
Conc: 4.43 ng/ml



#41 AR-1268-1

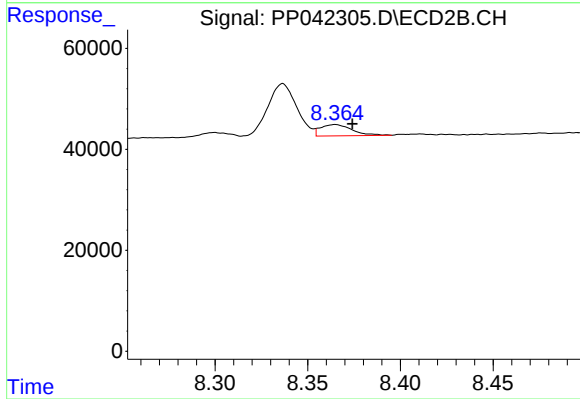
R.T.: 8.300 min
Delta R.T.: -0.009 min
Response: 10348
Conc: 4.57 ng/ml



#42 AR-1268-2

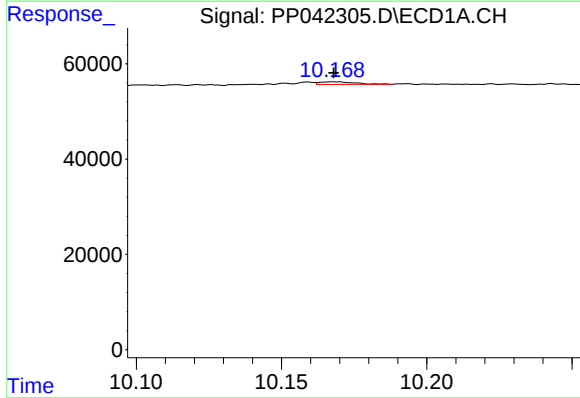
R.T.: 9.524 min
Delta R.T.: 0.009 min
Response: 1679
Conc: 1.18 ng/ml

Instrument :
ECD_P
ClientSampleId :



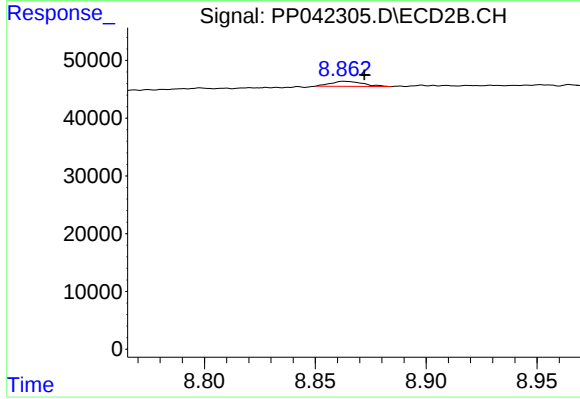
#42 AR-1268-2

R.T.: 8.365 min
Delta R.T.: -0.009 min
Response: 26603
Conc: 12.19 ng/ml



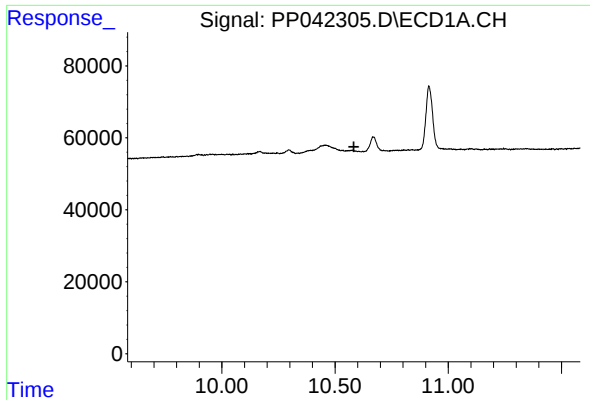
#44 AR-1268-4

R.T.: 10.168 min
Delta R.T.: 0.000 min
Response: 4906
Conc: 9.47 ng/ml



#44 AR-1268-4

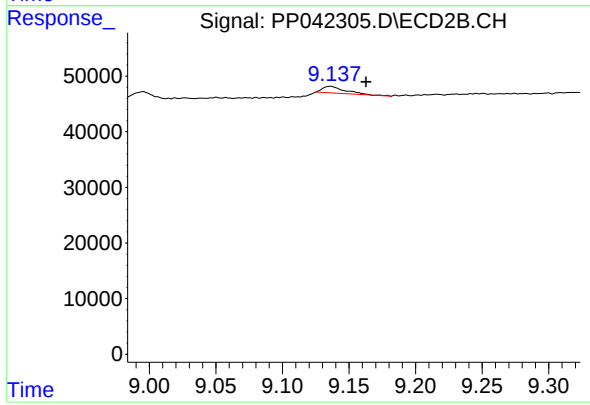
R.T.: 8.863 min
Delta R.T.: -0.009 min
Response: 8839
Conc: 11.18 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 10.583 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 9.136 min
Delta R.T.: -0.027 min
Response: 14323
Conc: 2.51 ng/ml