

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP122921\
 Data File : PP042358.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 29 Dec 2021 19:08
 Operator : AJ\MA
 Sample : M5244-28
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 30 00:20:30 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	4.057	378922	676920	28.860	29.638
2)	SA Decachlor...	10.916	9.400f	461749	1146241	37.910	70.880 #
Target Compounds							
3)	L1 AR-1016-1	6.232	5.325	2554	17637	5.746	19.240 #
4)	L1 AR-1016-2	6.253	5.346	16899	37138	25.547	29.475
5)	L1 AR-1016-3	6.323	5.538	7909	16564	19.390	23.586
6)	L1 AR-1016-4	6.423	5.588	9392	28129	28.830	51.799 #
7)	L1 AR-1016-5	6.740	5.822	8318	15485	24.237	23.750
9)	L2 AR-1221-2	5.271	4.413	4698	7878	41.669	37.114
10)	L2 AR-1221-3	5.367f	4.508	10536	18048	30.120	25.948
11)	L3 AR-1232-1	5.367f	4.508	10536	18048	36.476	30.869
12)	L3 AR-1232-2	5.933	5.346	16513	37138	111.390	69.793 #
13)	L3 AR-1232-3	6.253	5.538	16899	16564	64.588	57.870
14)	L3 AR-1232-4	6.423	5.634	9392	29601	71.658	122.721 #
15)	L3 AR-1232-5	6.527	5.822	25609	15485	248.169	63.776 #
16)	L4 AR-1242-1	6.232	5.325	2554	17637	7.833	25.902 #
17)	L4 AR-1242-2	6.253	5.346	16899	37138	35.407	39.876
18)	L4 AR-1242-3	6.323	5.538	7909	16564	26.407	31.344
19)	L4 AR-1242-4	6.423	5.634	9392	29601	38.334	58.503 #
20)	L4 AR-1242-5	7.210	6.203	5507	50467	21.172	85.134 #
21)	L5 AR-1248-1	6.232	5.325	2554	17637	10.202	33.950 #
22)	L5 AR-1248-2	6.527	5.588	25609	28129	72.509	39.944 #
23)	L5 AR-1248-3	6.740	5.634	8318	29601	19.780	39.890 #
24)	L5 AR-1248-4	7.171	5.822	12371	15485	27.283	18.394 #
25)	L5 AR-1248-5	7.210	6.246	5507	11770	12.350	14.209
26)	L6 AR-1254-1	7.144	6.203	20242	50467	40.604	40.349
27)	L6 AR-1254-2	7.349f	6.361	140928	18543	183.826	17.039 #
28)	L6 AR-1254-3	7.751	6.786	18244	31390	23.645	18.894
29)	L6 AR-1254-4	8.047	7.026	10584	17449	19.023	17.886
30)	L6 AR-1254-5	8.477	7.457	24433	44460	39.018	34.696
31)	L7 AR-1260-1	7.924	6.922	8552	20001	14.430	18.820 #
32)	L7 AR-1260-2	8.187	7.121	22094	49145	28.615	39.810 #
33)	L7 AR-1260-3	8.558	7.278	13057	20738	25.240	15.476 #
34)	L7 AR-1260-4	8.787	7.762	10216	12810	17.644	14.345
35)	L7 AR-1260-5	9.109	8.010	26397	61273	22.560	31.838 #
36)	L8 AR-1262-1	8.558	7.457	13057	44460	17.014	66.822 #
37)	L8 AR-1262-2	9.109	7.762	26397	12810	21.537	11.810 #
38)	L8 AR-1262-3	9.420	8.294	4061	27898	8.261	36.619 #
39)	L8 AR-1262-4	9.509	0.000	13375	0	36.290	N.D. #
40)	L8 AR-1262-5	10.168	8.862	632	8532	1.379	11.933 #
41)	L9 AR-1268-1	9.420	8.294	4061	27898	2.678	12.329 #
42)	L9 AR-1268-2	9.509	0.000	13375	0	9.425	N.D. #

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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
44) L9	AR-1268-4	10.168	8.862	632	8532	1.219	10.791 #
45) L9	AR-1268-5	0.000	9.134f	0	17560	N.D.	3.077 #

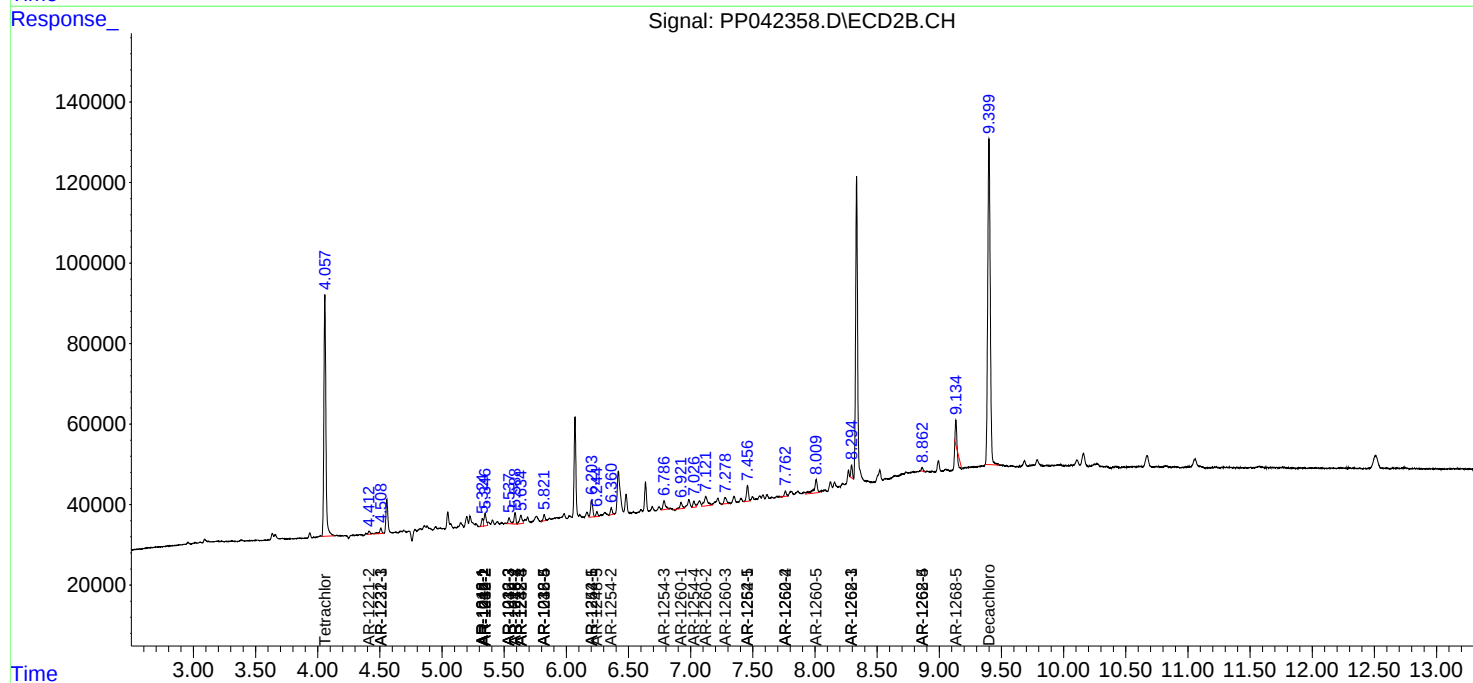
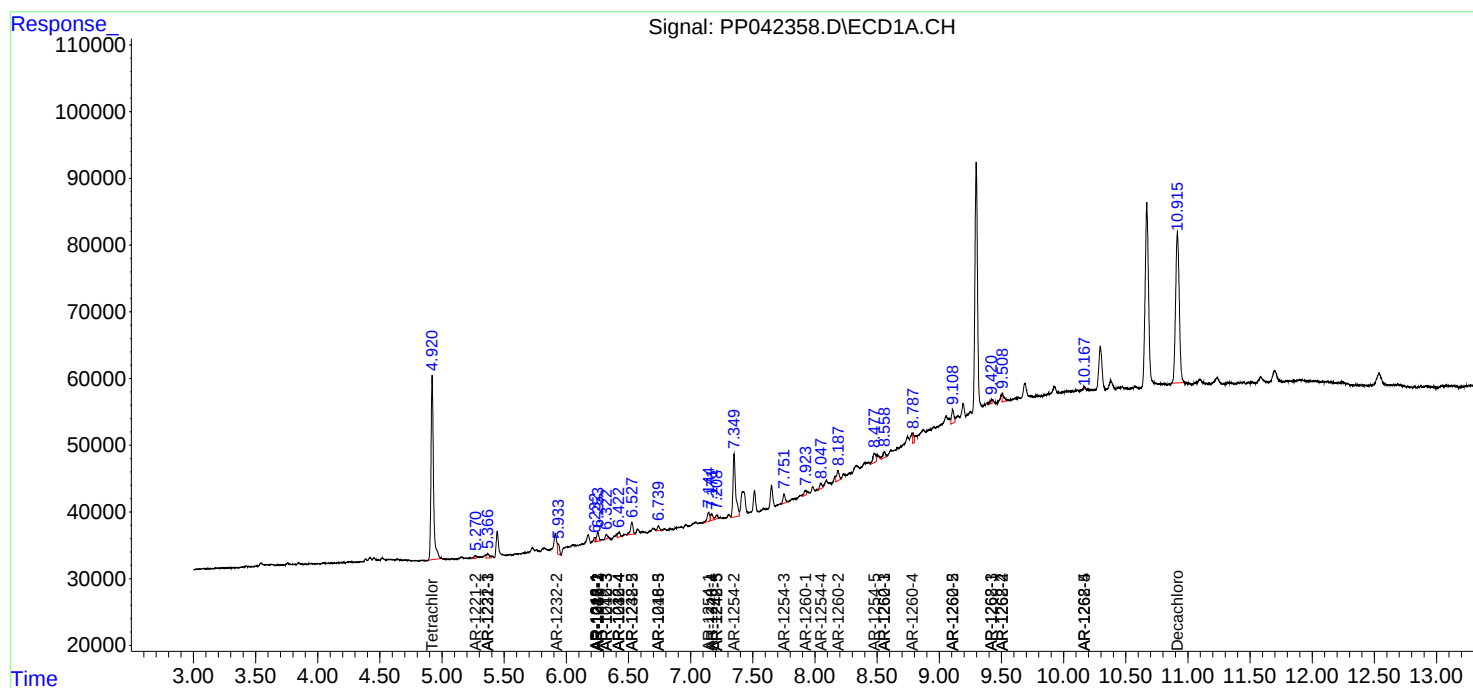
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

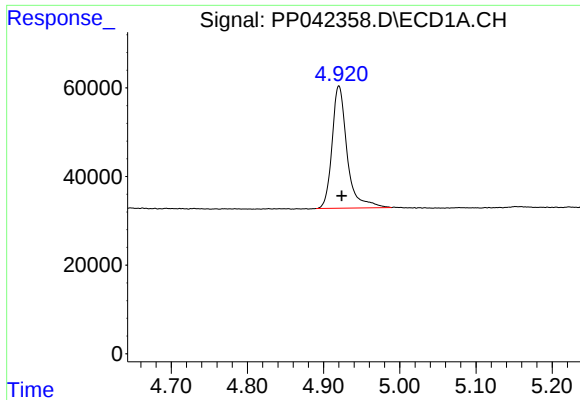
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Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

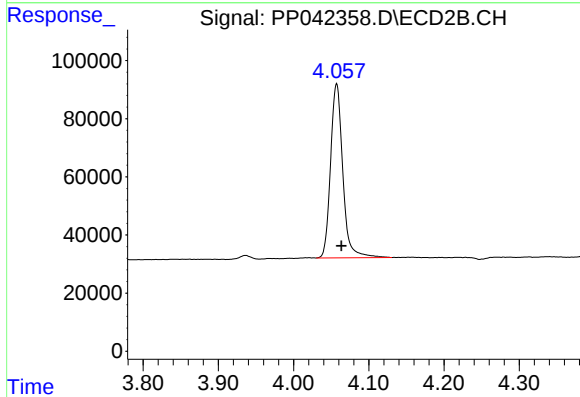




#1 Tetrachloro-m-xylene

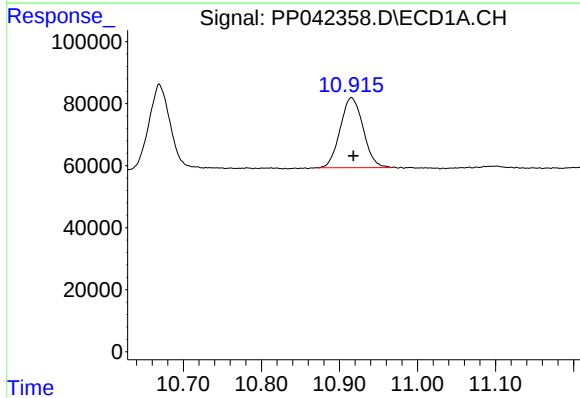
R.T.: 4.920 min
Delta R.T.: -0.004 min
Response: 378922
Conc: 28.86 ng/ml

Instrument :
ECD_P
ClientSampleId :



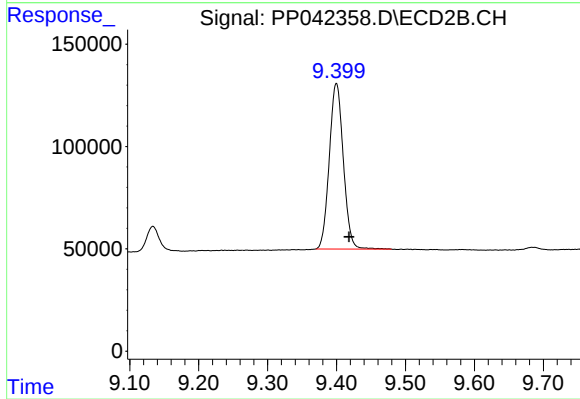
#1 Tetrachloro-m-xylene

R.T.: 4.057 min
Delta R.T.: -0.006 min
Response: 676920
Conc: 29.64 ng/ml



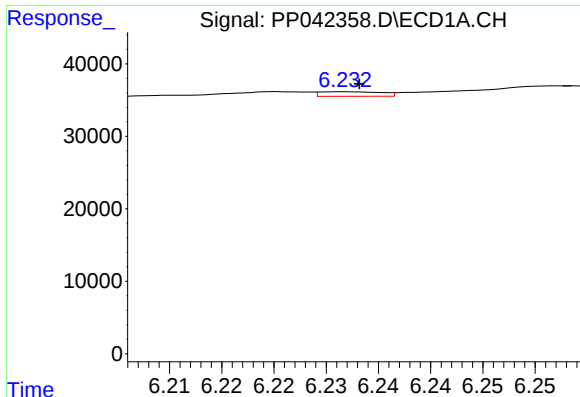
#2 Decachlorobiphenyl

R.T.: 10.916 min
Delta R.T.: -0.003 min
Response: 461749
Conc: 37.91 ng/ml



#2 Decachlorobiphenyl

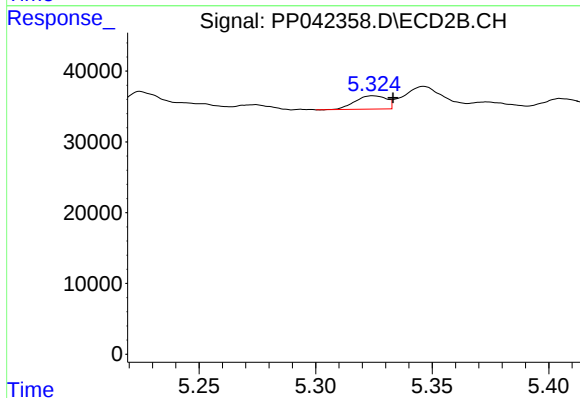
R.T.: 9.400 min
Delta R.T.: -0.018 min
Response: 1146241
Conc: 70.88 ng/ml



#3 AR-1016-1

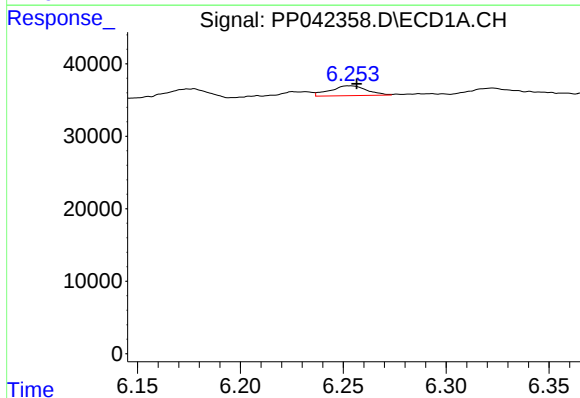
R.T.: 6.232 min
Delta R.T.: -0.001 min
Response: 2554
Conc: 5.75 ng/ml

Instrument :
ECD_P
ClientSampleId :



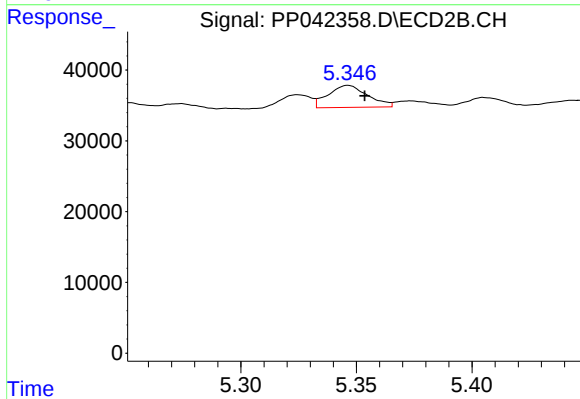
#3 AR-1016-1

R.T.: 5.325 min
Delta R.T.: -0.009 min
Response: 17637
Conc: 19.24 ng/ml



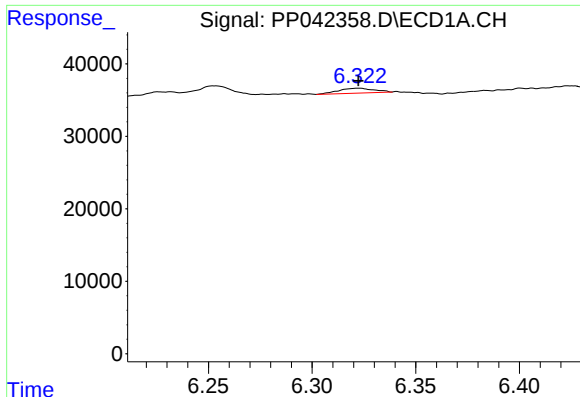
#4 AR-1016-2

R.T.: 6.253 min
Delta R.T.: -0.003 min
Response: 16899
Conc: 25.55 ng/ml



#4 AR-1016-2

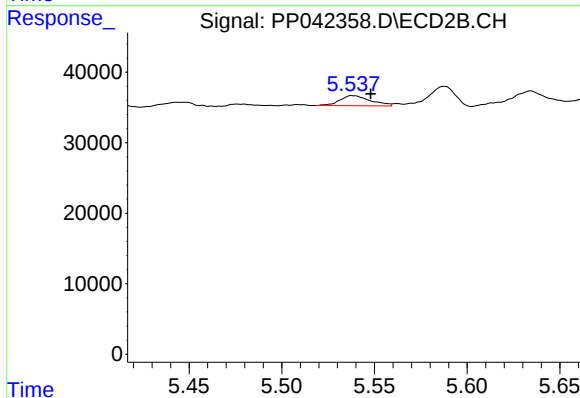
R.T.: 5.346 min
Delta R.T.: -0.007 min
Response: 37138
Conc: 29.47 ng/ml



#5 AR-1016-3

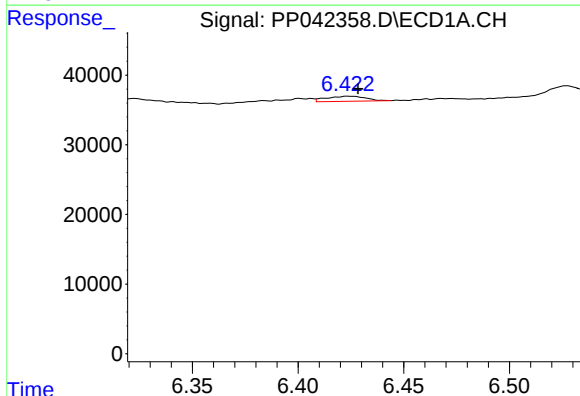
R.T.: 6.323 min
Delta R.T.: 0.000 min
Response: 7909
Conc: 19.39 ng/ml

Instrument :
ECD_P
ClientSampleId :



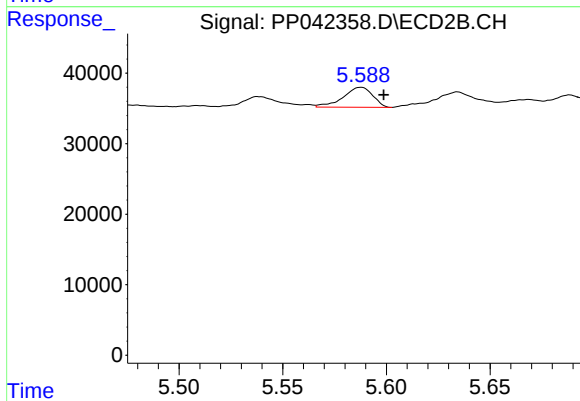
#5 AR-1016-3

R.T.: 5.538 min
Delta R.T.: -0.010 min
Response: 16564
Conc: 23.59 ng/ml



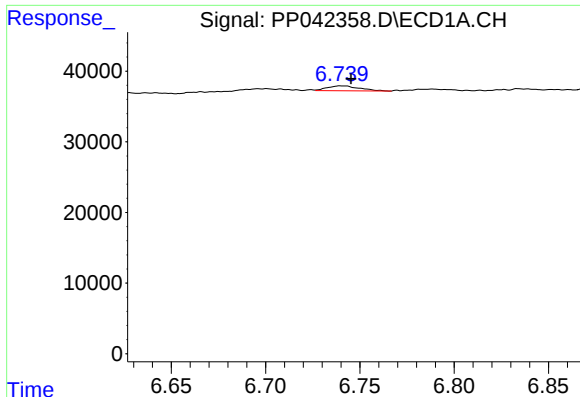
#6 AR-1016-4

R.T.: 6.423 min
Delta R.T.: -0.005 min
Response: 9392
Conc: 28.83 ng/ml



#6 AR-1016-4

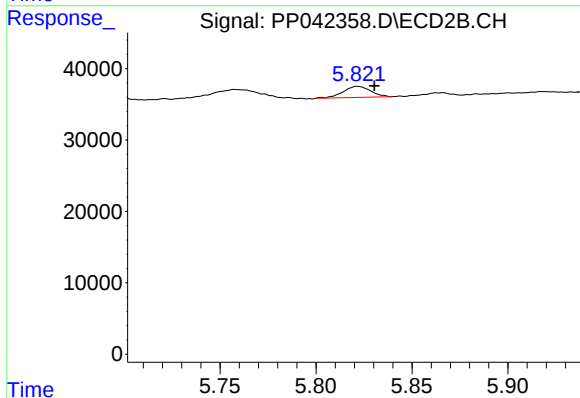
R.T.: 5.588 min
Delta R.T.: -0.011 min
Response: 28129
Conc: 51.80 ng/ml



#7 AR-1016-5

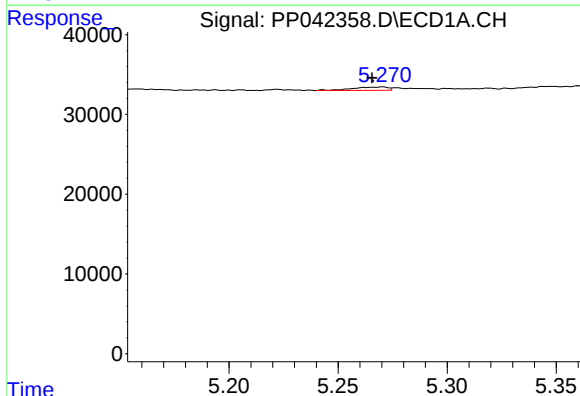
R.T.: 6.740 min
Delta R.T.: -0.006 min
Response: 8318
Conc: 24.24 ng/ml

Instrument :
ECD_P
ClientSampleId :



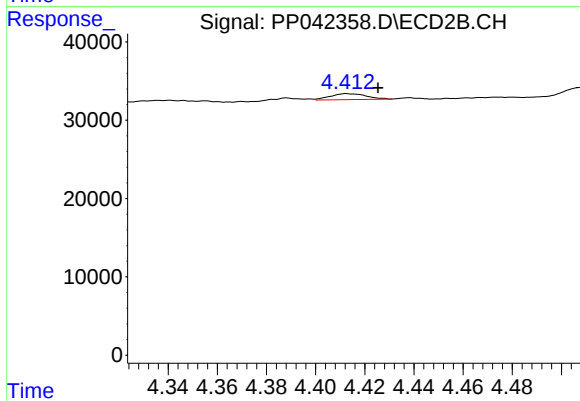
#7 AR-1016-5

R.T.: 5.822 min
Delta R.T.: -0.009 min
Response: 15485
Conc: 23.75 ng/ml



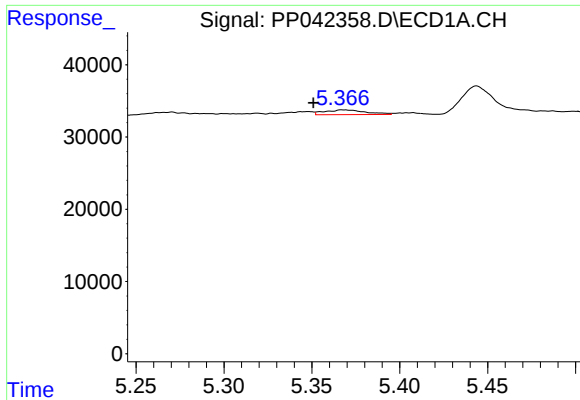
#9 AR-1221-2

R.T.: 5.271 min
Delta R.T.: 0.005 min
Response: 4698
Conc: 41.67 ng/ml



#9 AR-1221-2

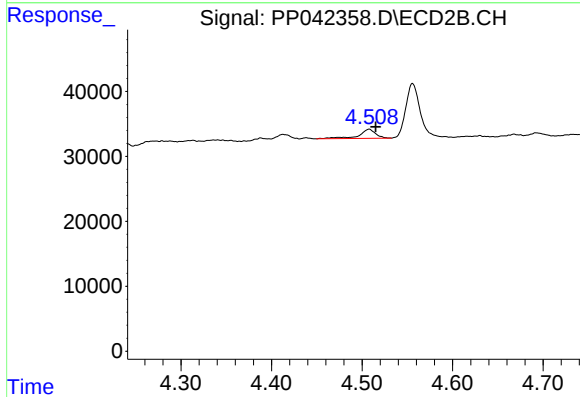
R.T.: 4.413 min
Delta R.T.: -0.013 min
Response: 7878
Conc: 37.11 ng/ml



#10 AR-1221-3

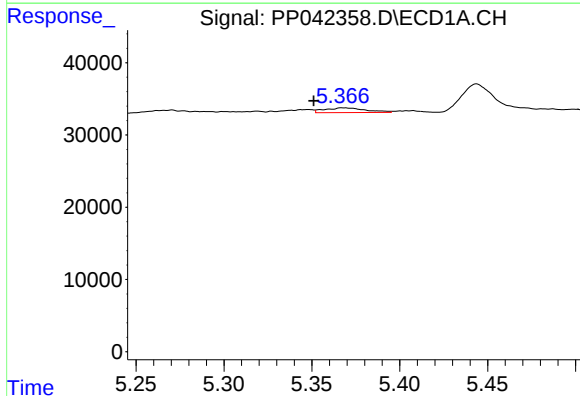
R.T.: 5.367 min
Delta R.T.: 0.016 min
Response: 10536
Conc: 30.12 ng/ml

Instrument :
ECD_P
ClientSampleId :



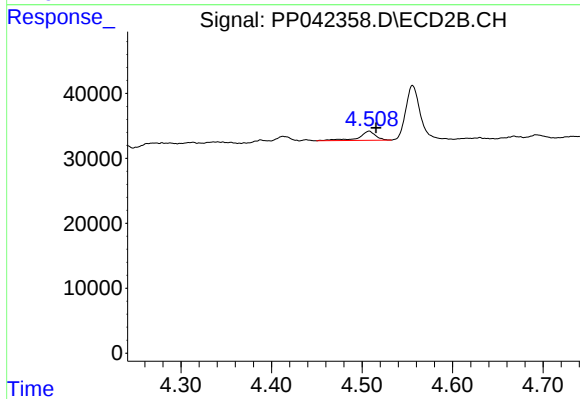
#10 AR-1221-3

R.T.: 4.508 min
Delta R.T.: -0.007 min
Response: 18048
Conc: 25.95 ng/ml



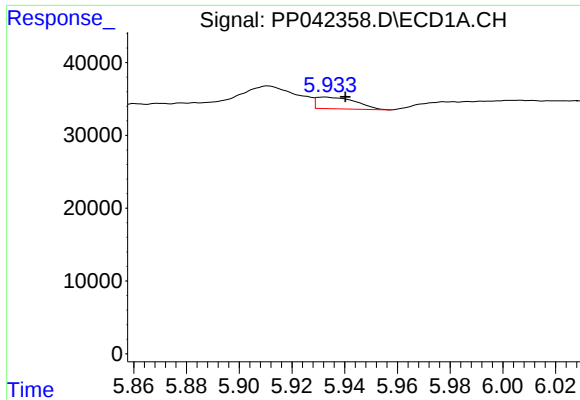
#11 AR-1232-1

R.T.: 5.367 min
Delta R.T.: 0.016 min
Response: 10536
Conc: 36.48 ng/ml



#11 AR-1232-1

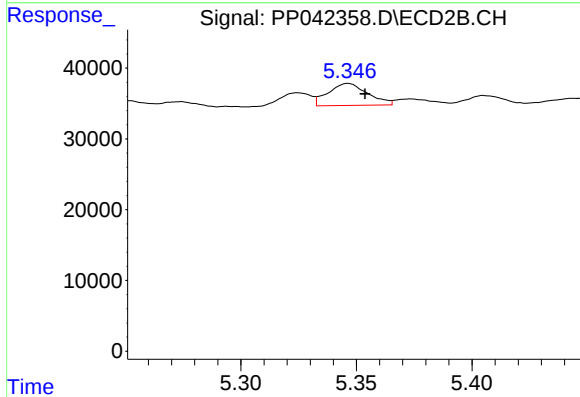
R.T.: 4.508 min
Delta R.T.: -0.007 min
Response: 18048
Conc: 30.87 ng/ml



#12 AR-1232-2

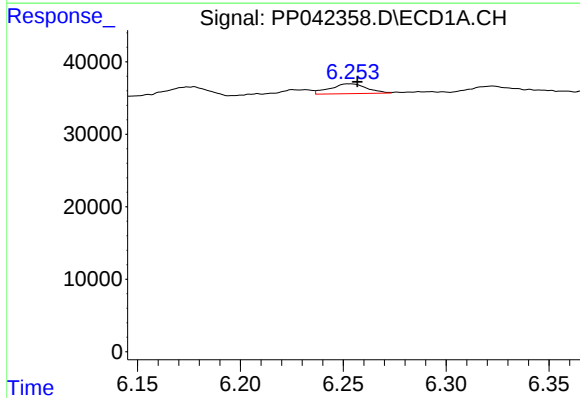
R.T.: 5.933 min
Delta R.T.: -0.008 min
Response: 16513
Conc: 111.39 ng/ml

Instrument :
ECD_P
ClientSampleId :



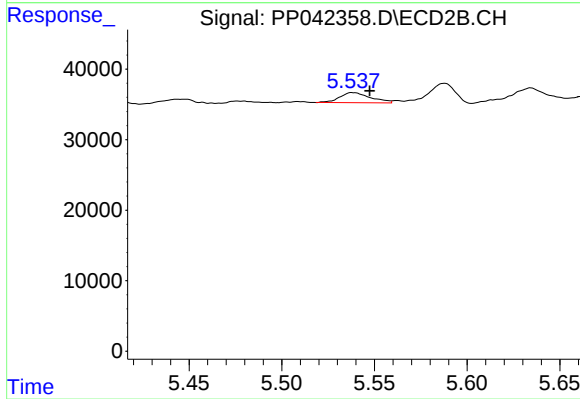
#12 AR-1232-2

R.T.: 5.346 min
Delta R.T.: -0.007 min
Response: 37138
Conc: 69.79 ng/ml



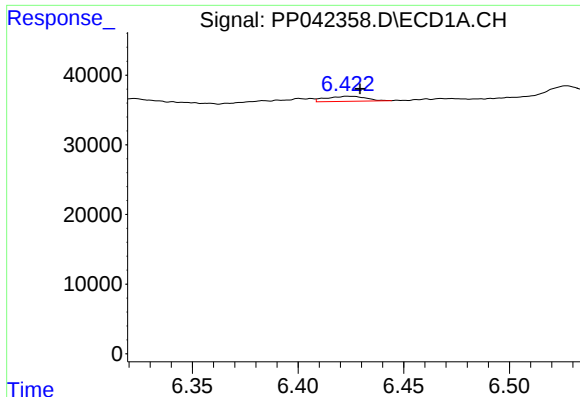
#13 AR-1232-3

R.T.: 6.253 min
Delta R.T.: -0.004 min
Response: 16899
Conc: 64.59 ng/ml



#13 AR-1232-3

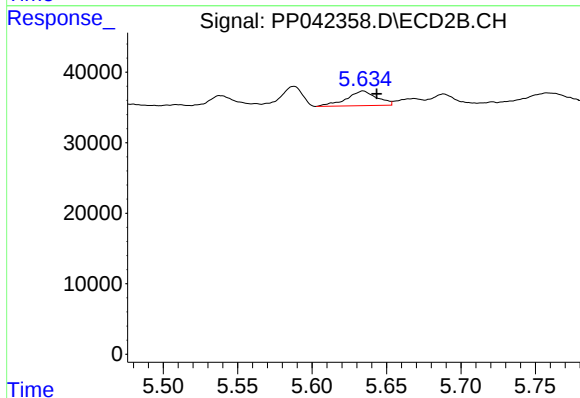
R.T.: 5.538 min
Delta R.T.: -0.010 min
Response: 16564
Conc: 57.87 ng/ml



#14 AR-1232-4

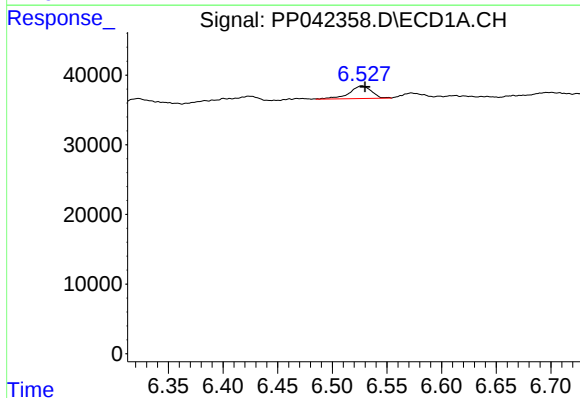
R.T.: 6.423 min
Delta R.T.: -0.006 min
Response: 9392
Conc: 71.66 ng/ml

Instrument :
ECD_P
ClientSampleId :



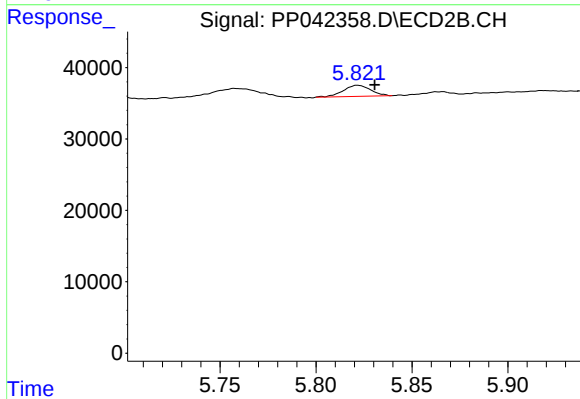
#14 AR-1232-4

R.T.: 5.634 min
Delta R.T.: -0.009 min
Response: 29601
Conc: 122.72 ng/ml



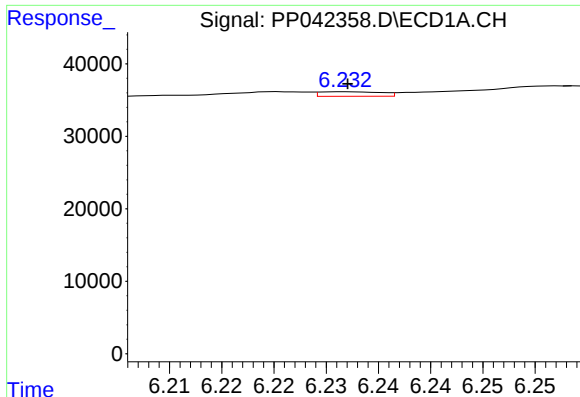
#15 AR-1232-5

R.T.: 6.527 min
Delta R.T.: -0.003 min
Response: 25609
Conc: 248.17 ng/ml



#15 AR-1232-5

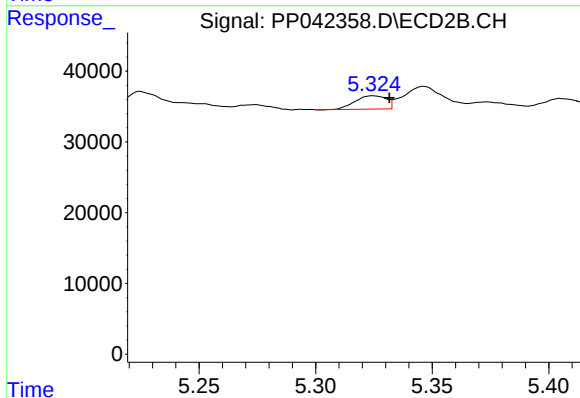
R.T.: 5.822 min
Delta R.T.: -0.009 min
Response: 15485
Conc: 63.78 ng/ml



#16 AR-1242-1

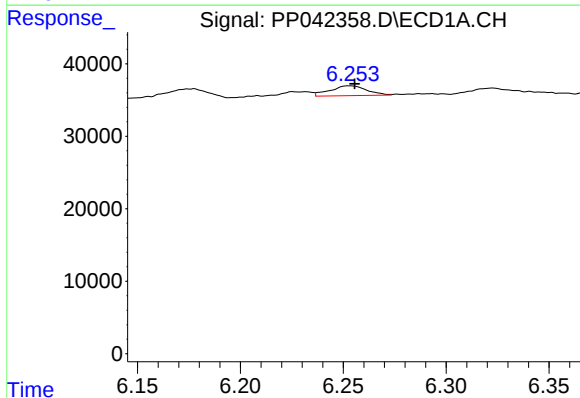
R.T.: 6.232 min
Delta R.T.: 0.000 min
Response: 2554
Conc: 7.83 ng/ml

Instrument :
ECD_P
ClientSampleId :



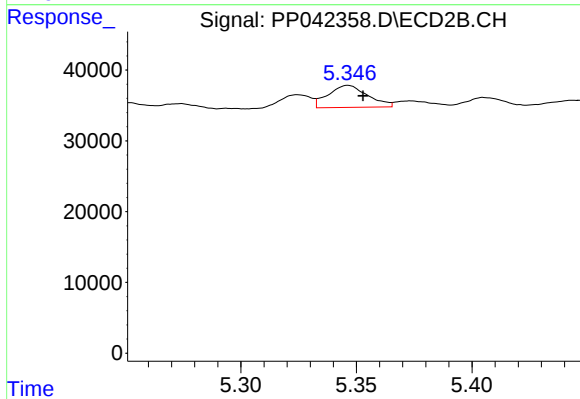
#16 AR-1242-1

R.T.: 5.325 min
Delta R.T.: -0.007 min
Response: 17637
Conc: 25.90 ng/ml



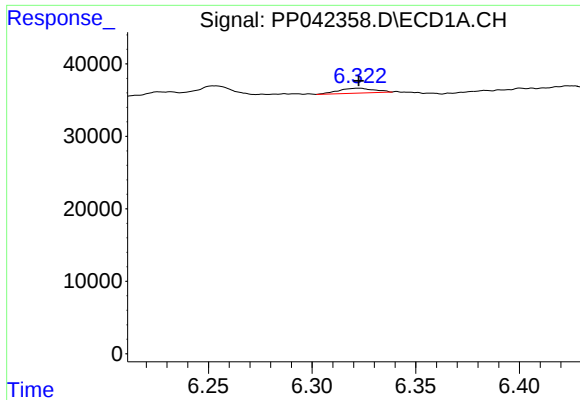
#17 AR-1242-2

R.T.: 6.253 min
Delta R.T.: -0.003 min
Response: 16899
Conc: 35.41 ng/ml



#17 AR-1242-2

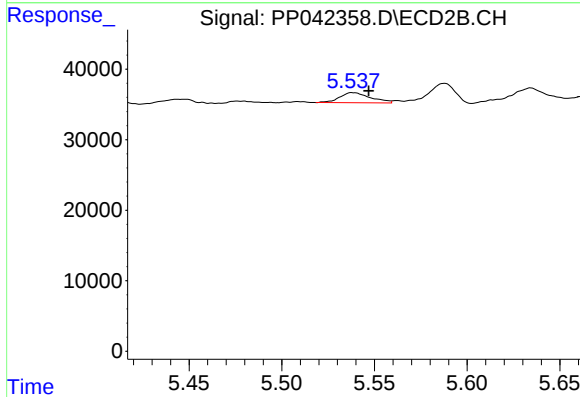
R.T.: 5.346 min
Delta R.T.: -0.006 min
Response: 37138
Conc: 39.88 ng/ml



#18 AR-1242-3

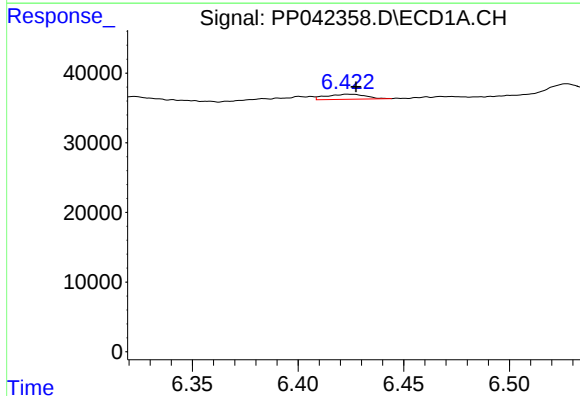
R.T.: 6.323 min
Delta R.T.: 0.000 min
Response: 7909
Conc: 26.41 ng/ml

Instrument :
ECD_P
ClientSampleId :



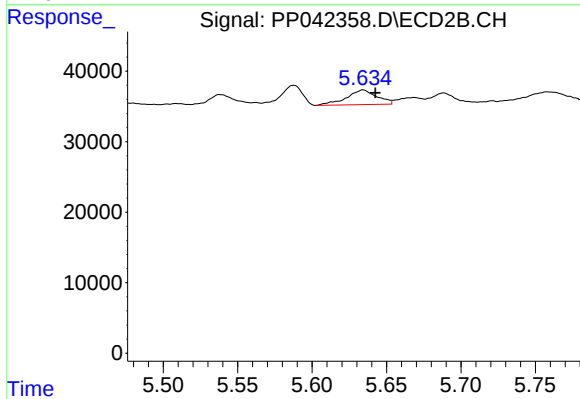
#18 AR-1242-3

R.T.: 5.538 min
Delta R.T.: -0.009 min
Response: 16564
Conc: 31.34 ng/ml



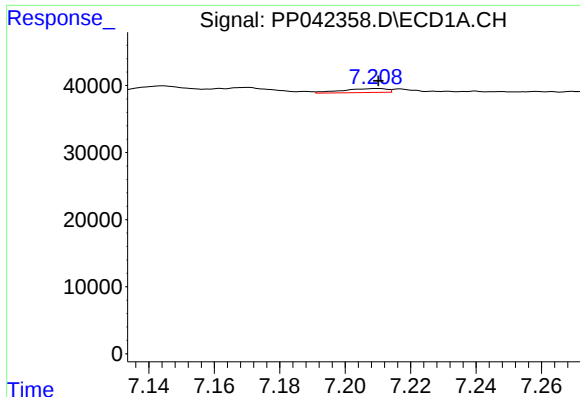
#19 AR-1242-4

R.T.: 6.423 min
Delta R.T.: -0.004 min
Response: 9392
Conc: 38.33 ng/ml



#19 AR-1242-4

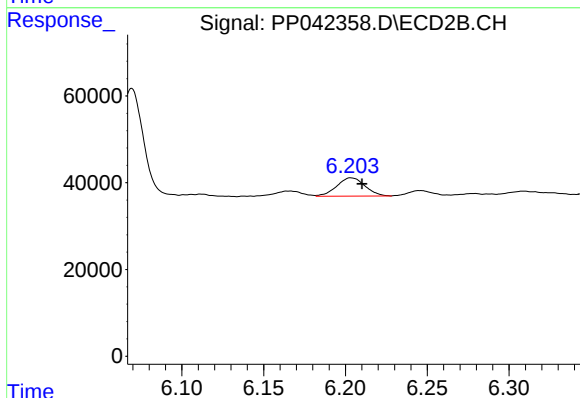
R.T.: 5.634 min
Delta R.T.: -0.008 min
Response: 29601
Conc: 58.50 ng/ml



#20 AR-1242-5

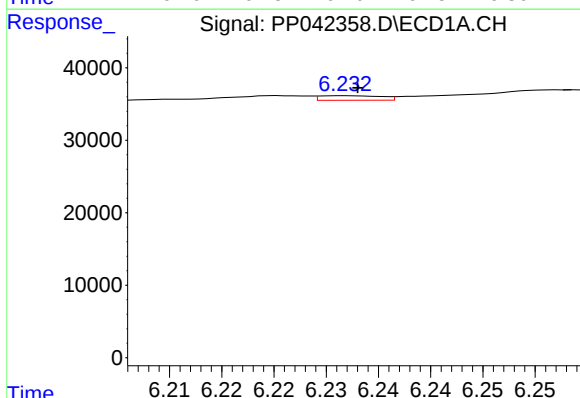
R.T.: 7.210 min
Delta R.T.: 0.000 min
Response: 5507
Conc: 21.17 ng/ml

Instrument :
ECD_P
ClientSampleId :



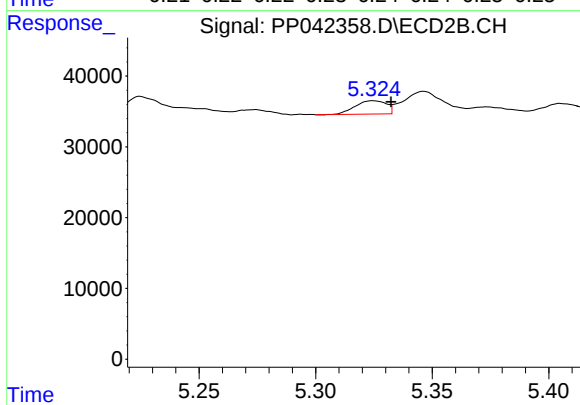
#20 AR-1242-5

R.T.: 6.203 min
Delta R.T.: -0.007 min
Response: 50467
Conc: 85.13 ng/ml



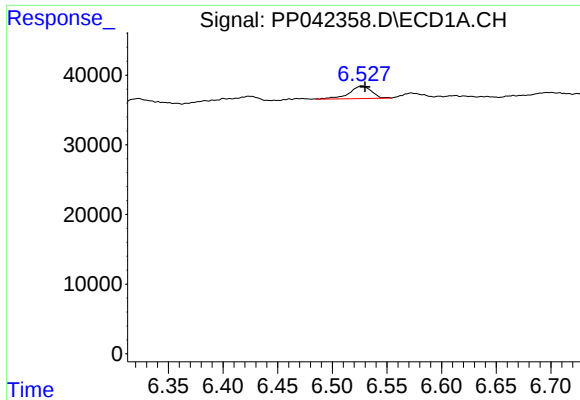
#21 AR-1248-1

R.T.: 6.232 min
Delta R.T.: -0.001 min
Response: 2554
Conc: 10.20 ng/ml



#21 AR-1248-1

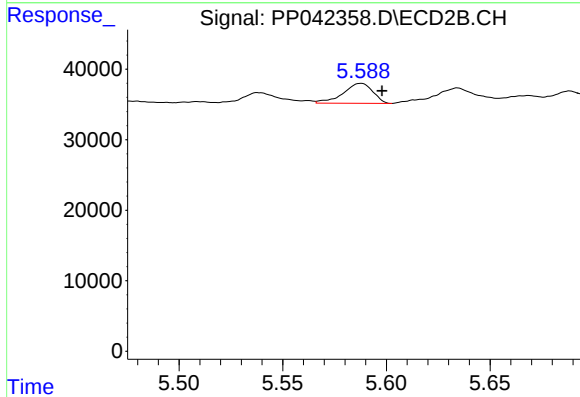
R.T.: 5.325 min
Delta R.T.: -0.008 min
Response: 17637
Conc: 33.95 ng/ml



#22 AR-1248-2

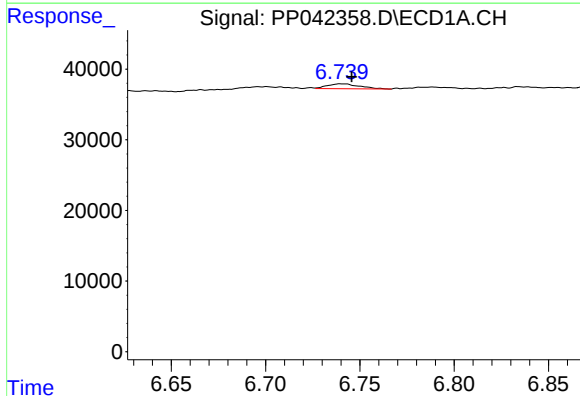
R.T.: 6.527 min
Delta R.T.: -0.003 min
Response: 25609
Conc: 72.51 ng/ml

Instrument :
ECD_P
ClientSampleId :



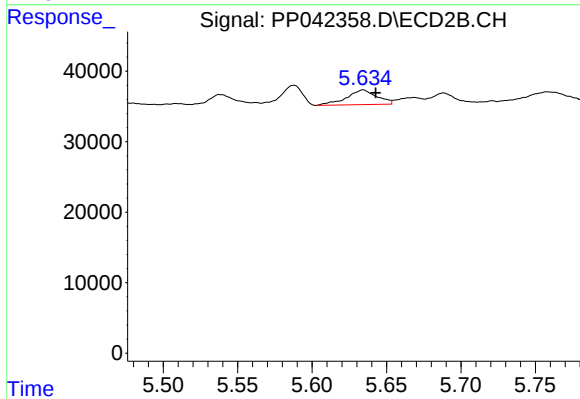
#22 AR-1248-2

R.T.: 5.588 min
Delta R.T.: -0.010 min
Response: 28129
Conc: 39.94 ng/ml



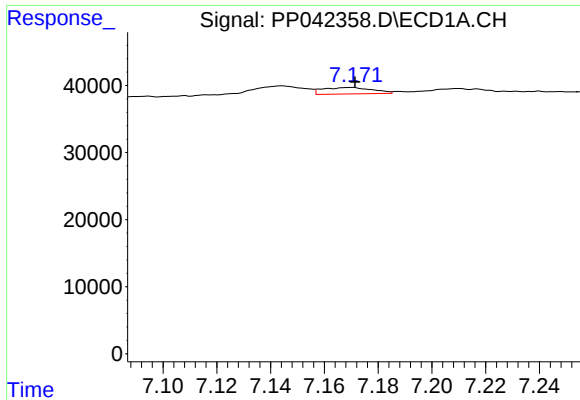
#23 AR-1248-3

R.T.: 6.740 min
Delta R.T.: -0.006 min
Response: 8318
Conc: 19.78 ng/ml



#23 AR-1248-3

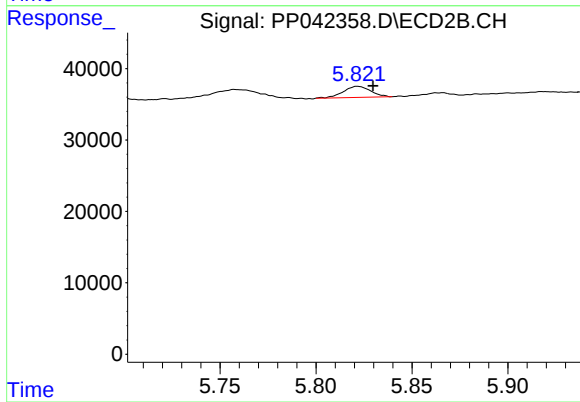
R.T.: 5.634 min
Delta R.T.: -0.008 min
Response: 29601
Conc: 39.89 ng/ml



#24 AR-1248-4

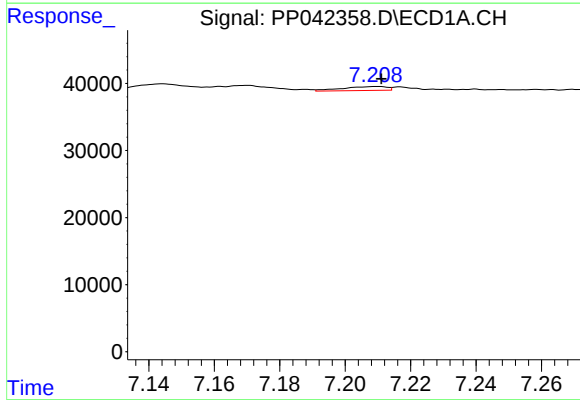
R.T.: 7.171 min
Delta R.T.: 0.000 min
Response: 12371
Conc: 27.28 ng/ml

Instrument :
ECD_P
ClientSampleId :



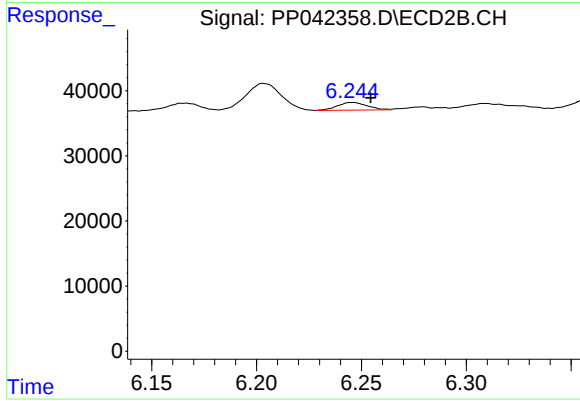
#24 AR-1248-4

R.T.: 5.822 min
Delta R.T.: -0.008 min
Response: 15485
Conc: 18.39 ng/ml



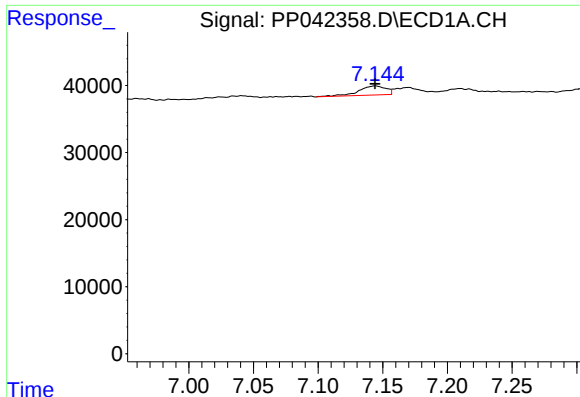
#25 AR-1248-5

R.T.: 7.210 min
Delta R.T.: -0.001 min
Response: 5507
Conc: 12.35 ng/ml



#25 AR-1248-5

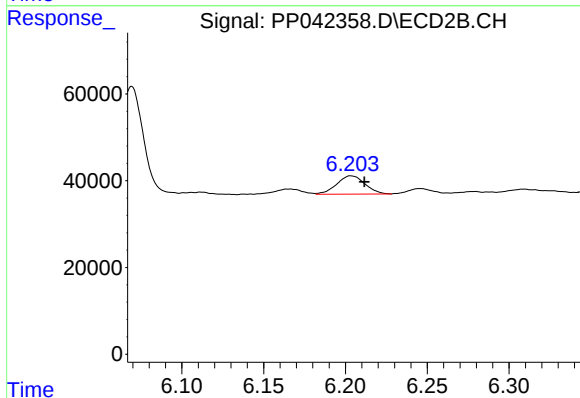
R.T.: 6.246 min
Delta R.T.: -0.009 min
Response: 11770
Conc: 14.21 ng/ml



#26 AR-1254-1

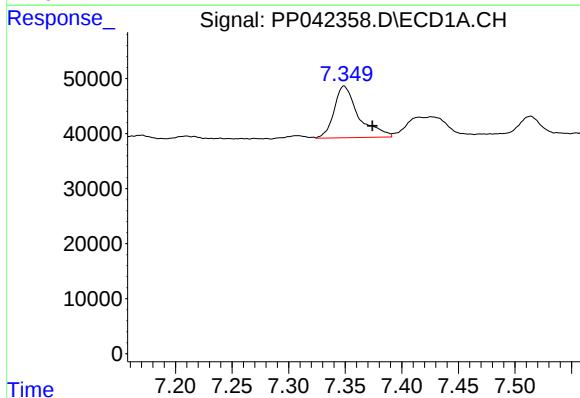
R.T.: 7.144 min
Delta R.T.: 0.000 min
Response: 20242
Conc: 40.60 ng/ml

Instrument :
ECD_P
ClientSampleId :



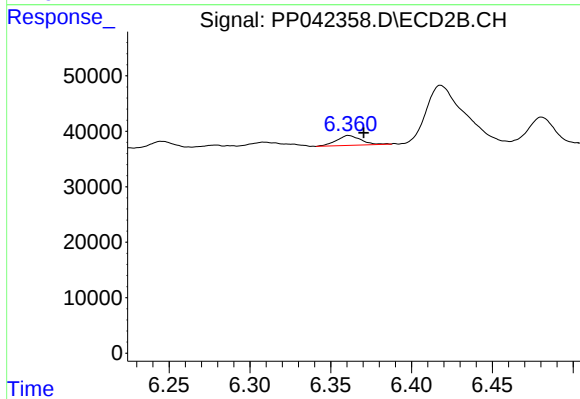
#26 AR-1254-1

R.T.: 6.203 min
Delta R.T.: -0.008 min
Response: 50467
Conc: 40.35 ng/ml



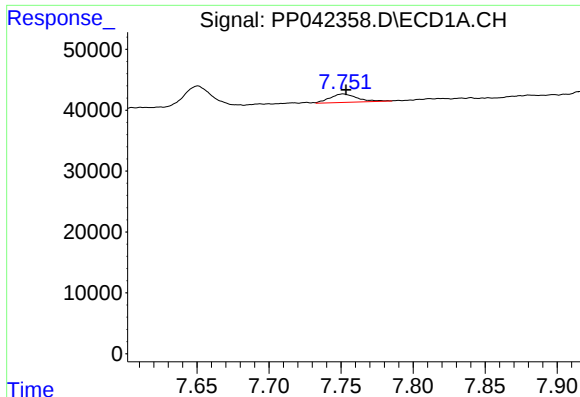
#27 AR-1254-2

R.T.: 7.349 min
Delta R.T.: -0.025 min
Response: 140928
Conc: 183.83 ng/ml



#27 AR-1254-2

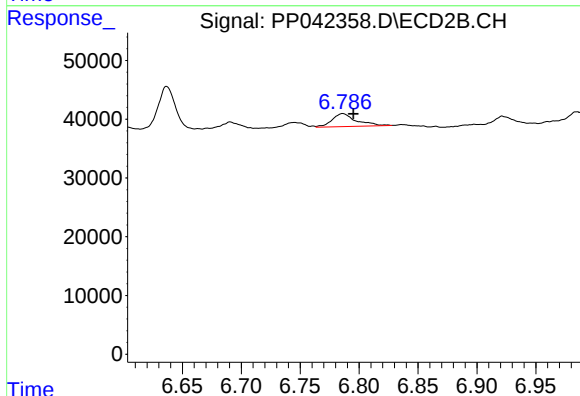
R.T.: 6.361 min
Delta R.T.: -0.009 min
Response: 18543
Conc: 17.04 ng/ml



#28 AR-1254-3

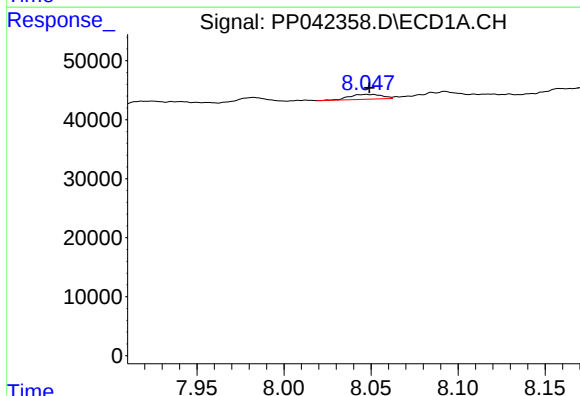
R.T.: 7.751 min
Delta R.T.: -0.002 min
Response: 18244
Conc: 23.64 ng/ml

Instrument :
ECD_P
ClientSampleId :



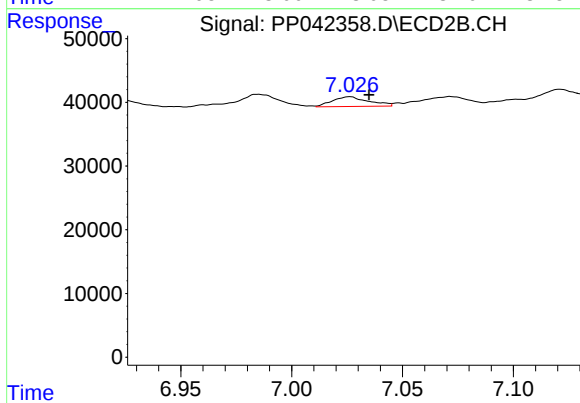
#28 AR-1254-3

R.T.: 6.786 min
Delta R.T.: -0.009 min
Response: 31390
Conc: 18.89 ng/ml



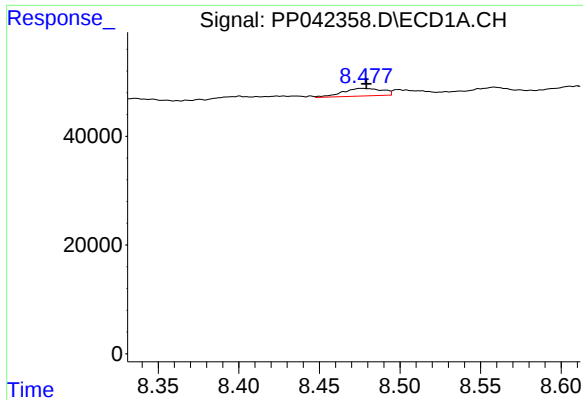
#29 AR-1254-4

R.T.: 8.047 min
Delta R.T.: -0.002 min
Response: 10584
Conc: 19.02 ng/ml



#29 AR-1254-4

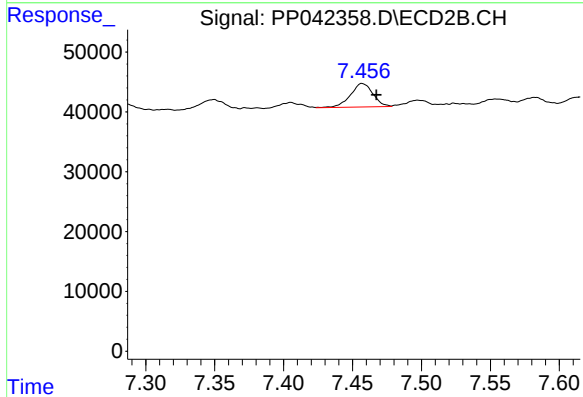
R.T.: 7.026 min
Delta R.T.: -0.009 min
Response: 17449
Conc: 17.89 ng/ml



#30 AR-1254-5

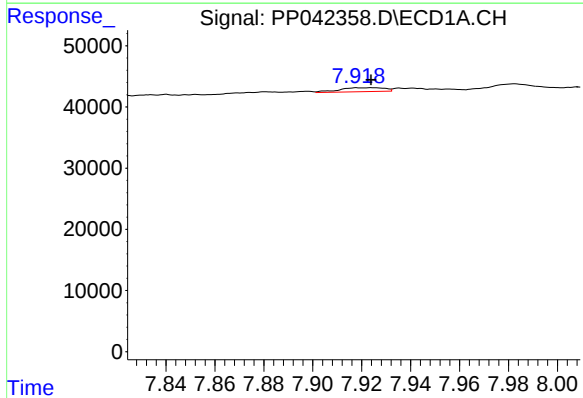
R.T.: 8.477 min
Delta R.T.: -0.002 min
Response: 24433
Conc: 39.02 ng/ml

Instrument :
ECD_P
ClientSampleId :



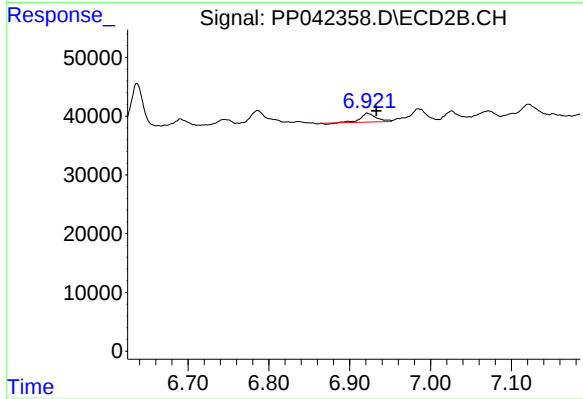
#30 AR-1254-5

R.T.: 7.457 min
Delta R.T.: -0.010 min
Response: 44460
Conc: 34.70 ng/ml



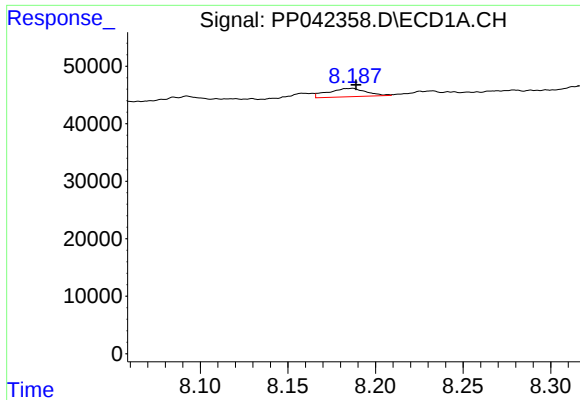
#31 AR-1260-1

R.T.: 7.924 min
Delta R.T.: 0.000 min
Response: 8552
Conc: 14.43 ng/ml



#31 AR-1260-1

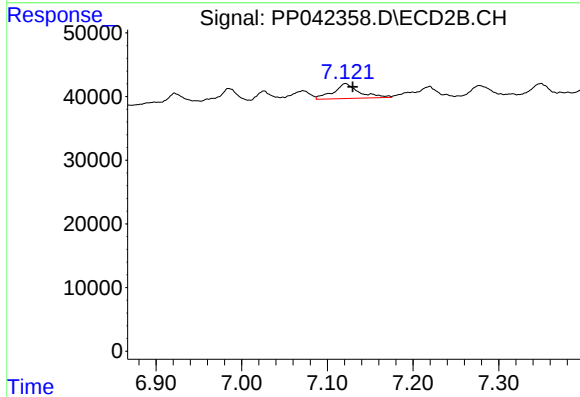
R.T.: 6.922 min
Delta R.T.: -0.011 min
Response: 20001
Conc: 18.82 ng/ml



#32 AR-1260-2

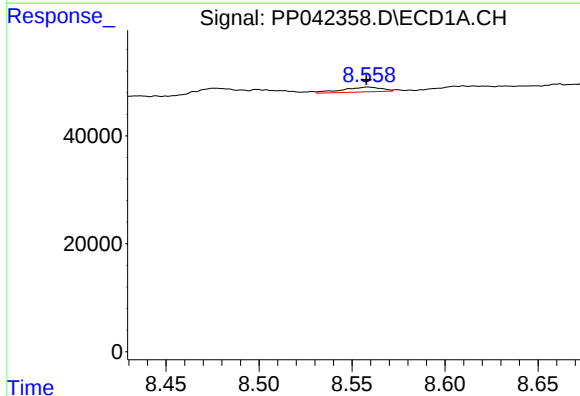
R.T.: 8.187 min
Delta R.T.: -0.002 min
Response: 22094
Conc: 28.61 ng/ml

Instrument :
ECD_P
ClientSampleId :



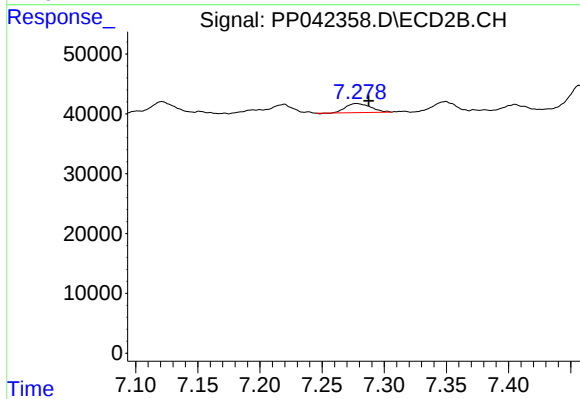
#32 AR-1260-2

R.T.: 7.121 min
Delta R.T.: -0.008 min
Response: 49145
Conc: 39.81 ng/ml



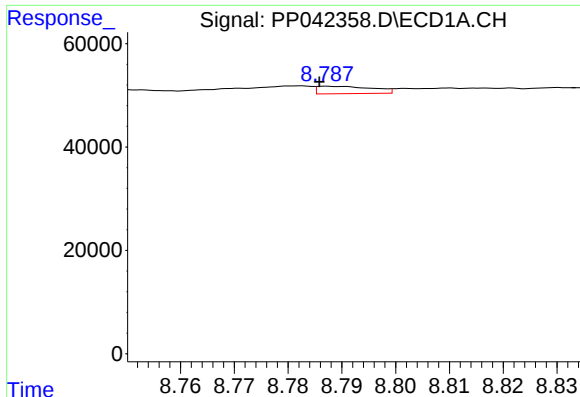
#33 AR-1260-3

R.T.: 8.558 min
Delta R.T.: 0.000 min
Response: 13057
Conc: 25.24 ng/ml



#33 AR-1260-3

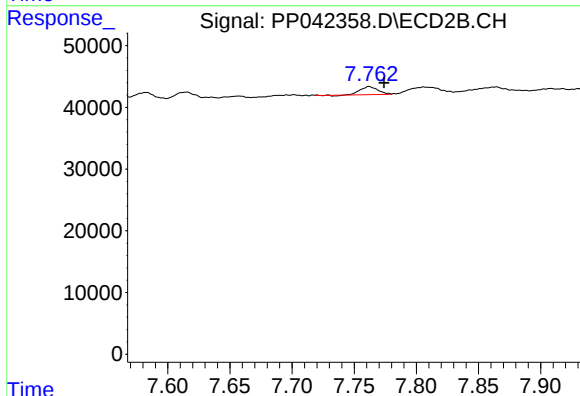
R.T.: 7.278 min
Delta R.T.: -0.010 min
Response: 20738
Conc: 15.48 ng/ml



#34 AR-1260-4

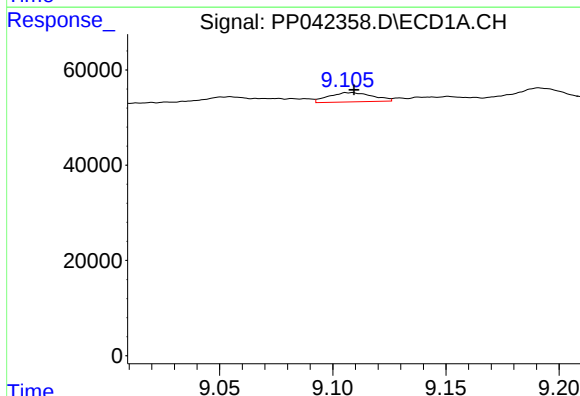
R.T.: 8.787 min
Delta R.T.: 0.001 min
Response: 10216
Conc: 17.64 ng/ml

Instrument :
ECD_P
ClientSampleId :



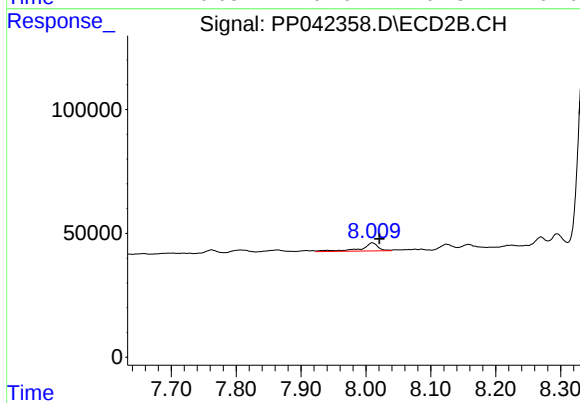
#34 AR-1260-4

R.T.: 7.762 min
Delta R.T.: -0.012 min
Response: 12810
Conc: 14.35 ng/ml



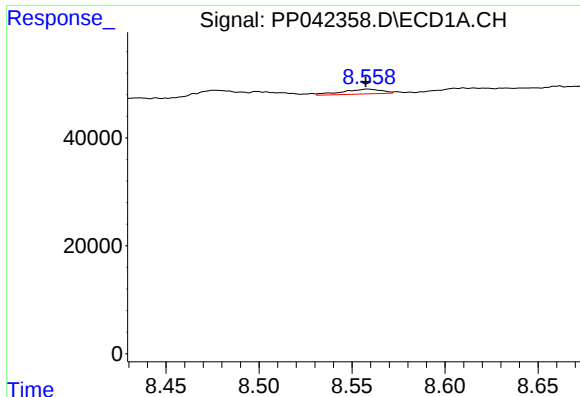
#35 AR-1260-5

R.T.: 9.109 min
Delta R.T.: 0.000 min
Response: 26397
Conc: 22.56 ng/ml



#35 AR-1260-5

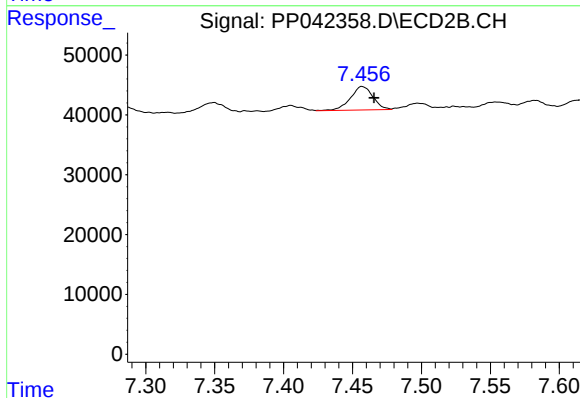
R.T.: 8.010 min
Delta R.T.: -0.011 min
Response: 61273
Conc: 31.84 ng/ml



#36 AR-1262-1

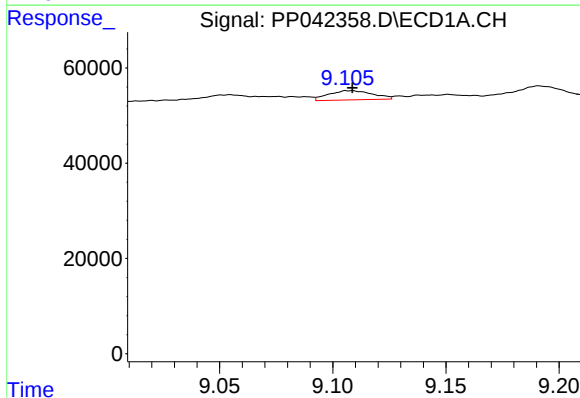
R.T.: 8.558 min
Delta R.T.: 0.000 min
Response: 13057
Conc: 17.01 ng/ml

Instrument :
ECD_P
ClientSampleId :



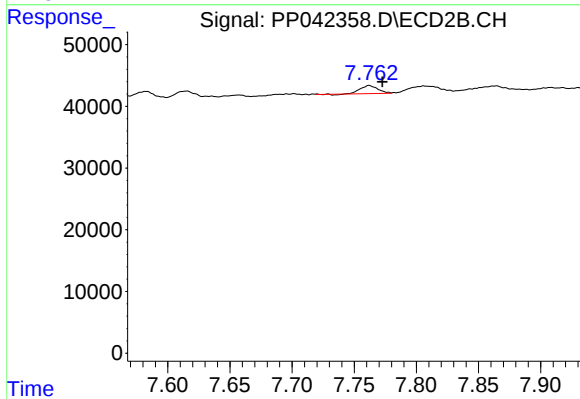
#36 AR-1262-1

R.T.: 7.457 min
Delta R.T.: -0.008 min
Response: 44460
Conc: 66.82 ng/ml



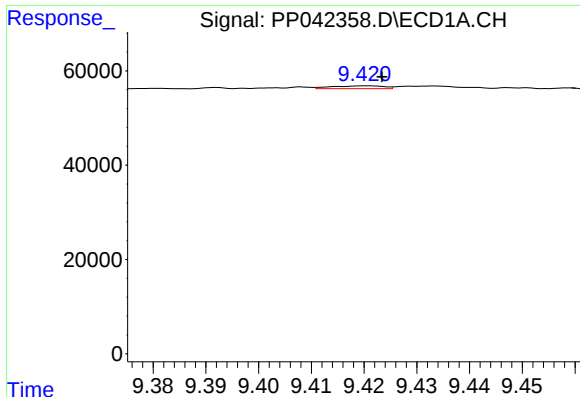
#37 AR-1262-2

R.T.: 9.109 min
Delta R.T.: 0.000 min
Response: 26397
Conc: 21.54 ng/ml



#37 AR-1262-2

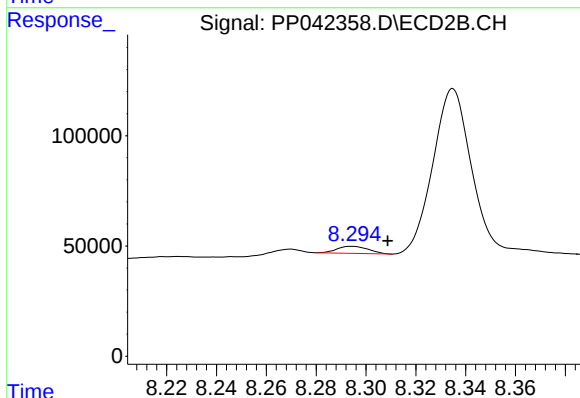
R.T.: 7.762 min
Delta R.T.: -0.011 min
Response: 12810
Conc: 11.81 ng/ml



#38 AR-1262-3

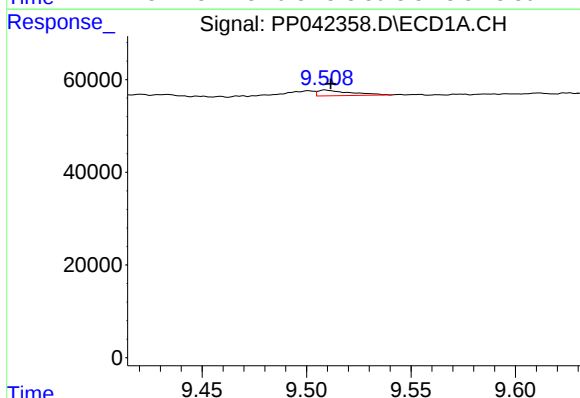
R.T.: 9.420 min
Delta R.T.: -0.003 min
Response: 4061
Conc: 8.26 ng/ml

Instrument :
ECD_P
ClientSampleId :



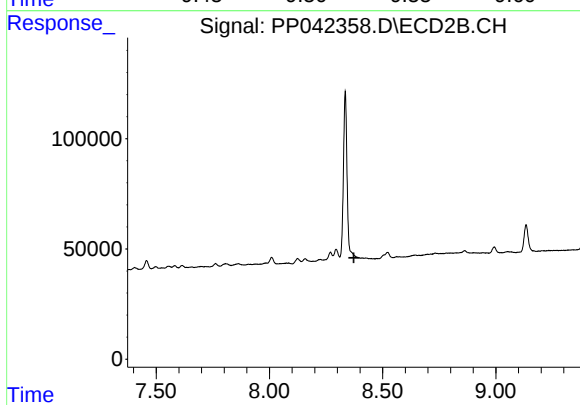
#38 AR-1262-3

R.T.: 8.294 min
Delta R.T.: -0.014 min
Response: 27898
Conc: 36.62 ng/ml



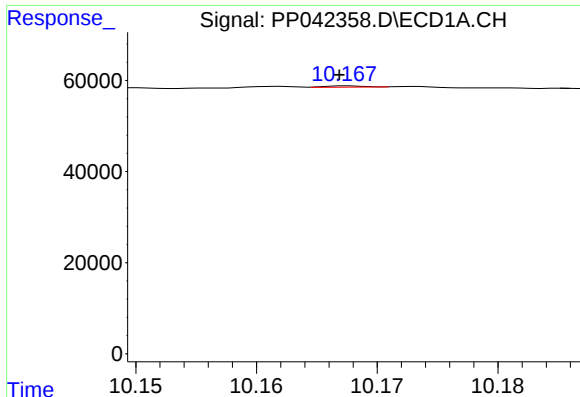
#39 AR-1262-4

R.T.: 9.509 min
Delta R.T.: -0.003 min
Response: 13375
Conc: 36.29 ng/ml



#39 AR-1262-4

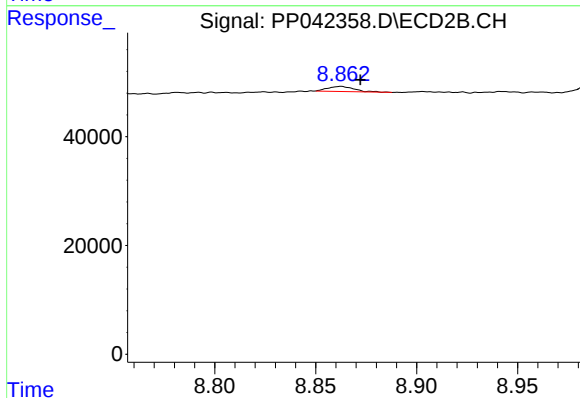
R.T.: 0.000 min
Exp R.T. : 8.373 min
Response: 0
Conc: N.D.



#40 AR-1262-5

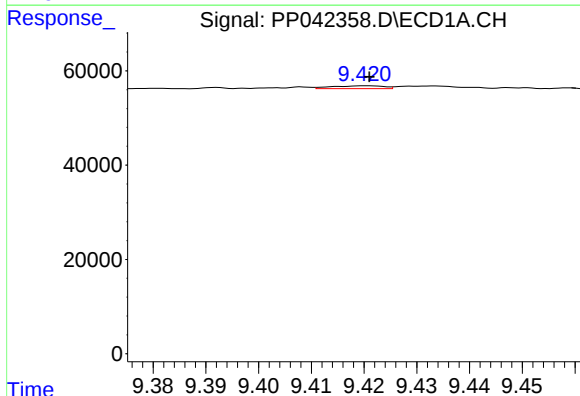
R.T.: 10.168 min
Delta R.T.: 0.000 min
Response: 632
Conc: 1.38 ng/ml

Instrument :
ECD_P
ClientSampleId :



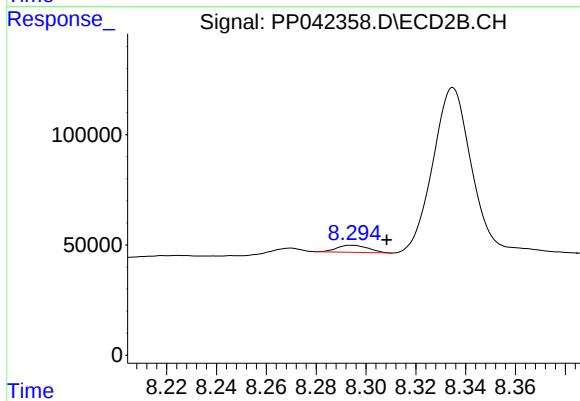
#40 AR-1262-5

R.T.: 8.862 min
Delta R.T.: -0.010 min
Response: 8532
Conc: 11.93 ng/ml



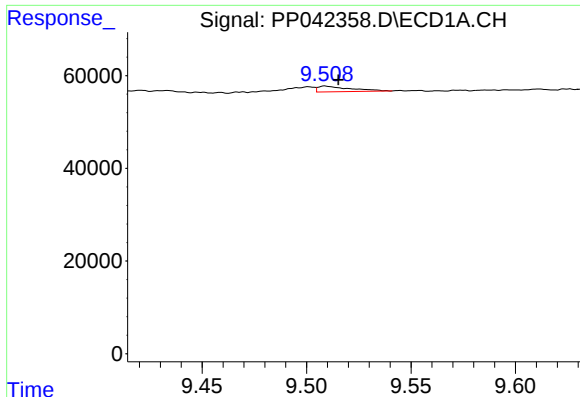
#41 AR-1268-1

R.T.: 9.420 min
Delta R.T.: 0.000 min
Response: 4061
Conc: 2.68 ng/ml



#41 AR-1268-1

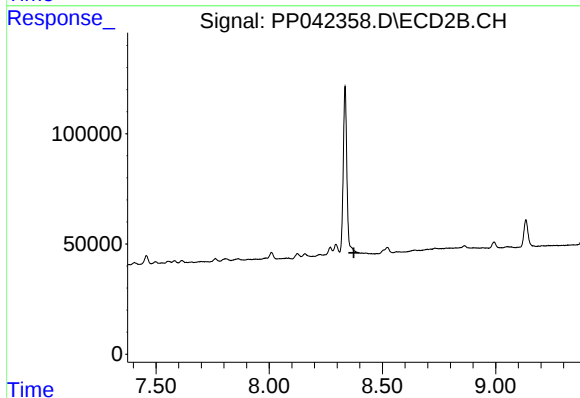
R.T.: 8.294 min
Delta R.T.: -0.014 min
Response: 27898
Conc: 12.33 ng/ml



#42 AR-1268-2

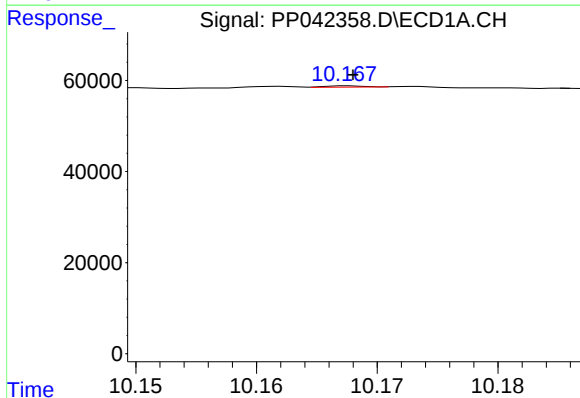
R.T.: 9.509 min
Delta R.T.: -0.007 min
Response: 13375
Conc: 9.43 ng/ml

Instrument :
ECD_P
ClientSampleId :



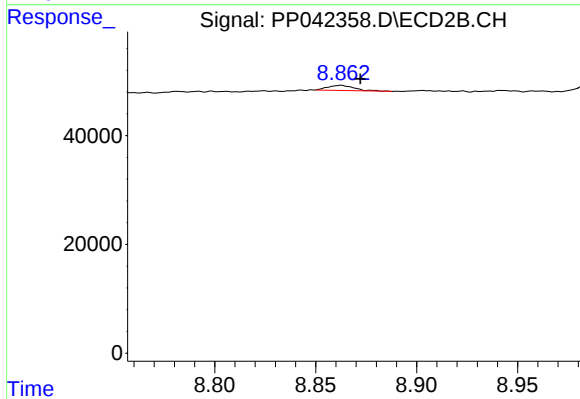
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 8.374 min
Response: 0
Conc: N.D.



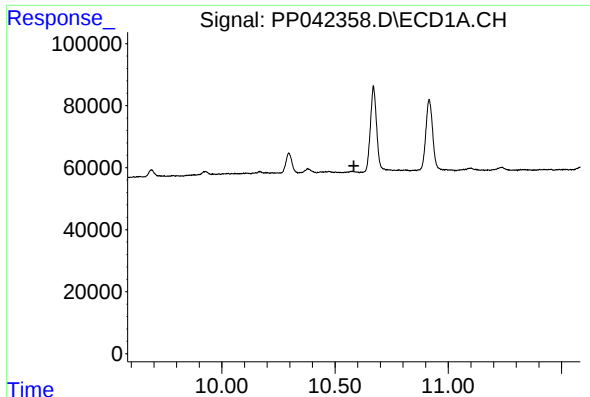
#44 AR-1268-4

R.T.: 10.168 min
Delta R.T.: 0.000 min
Response: 632
Conc: 1.22 ng/ml



#44 AR-1268-4

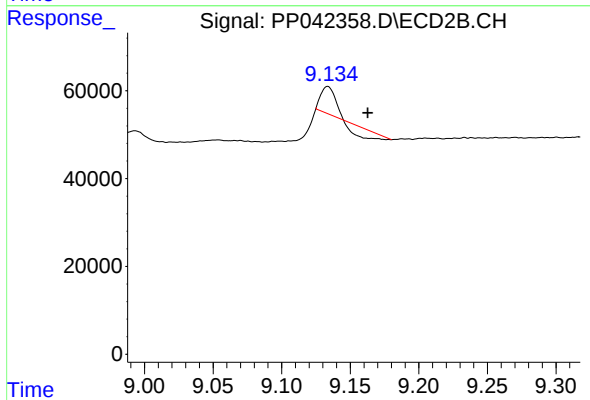
R.T.: 8.862 min
Delta R.T.: -0.010 min
Response: 8532
Conc: 10.79 ng/ml



#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.: 9.134 min
Delta R.T.: -0.029 min
Response: 17560
Conc: 3.08 ng/ml