

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP122721\
 Data File : PP042242.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 27 Dec 2021 17:36
 Operator : AJ\MA
 Sample : M5238-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 28 02:22:38 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...	4.922	4.060	304655	515348	23.203	22.564
2)	SA Decachlor...	10.916	9.410	376658	396736	30.924	24.533
Target Compounds							
3)	L1 AR-1016-1	6.252f	5.353f	146781	130409	330.217	142.261 #
4)	L1 AR-1016-2	6.252	5.353	146781	130409	221.902	103.499 #
5)	L1 AR-1016-3	0.000	5.539	0	15758	N.D.	22.438 #
6)	L1 AR-1016-4	0.000	5.595	0	15380	N.D.	28.323 #
7)	L1 AR-1016-5	0.000	5.829	0	7437	N.D.	11.406 #
8)	L2 AR-1221-1	5.155	0.000	191295	0	1207.225	N.D. #
9)	L2 AR-1221-2	5.279	0.000	19383	0	171.910	N.D. #
10)	L2 AR-1221-3	5.369f	4.512	18119	10764	51.795	15.476 #
11)	L3 AR-1232-1	5.369f	4.512	18119	10764	62.725	18.411 #
12)	L3 AR-1232-2	5.940	5.353	58170	130409	392.397	245.075 #
13)	L3 AR-1232-3	6.252	5.539	146781	15758	561.011	55.055 #
14)	L3 AR-1232-4	0.000	5.657	0	19449	N.D.	80.633 #
15)	L3 AR-1232-5	6.528	5.829	28897	7437	280.033	30.629 #
16)	L4 AR-1242-1	6.252f	5.353f	146781	130409	450.150	191.520 #
17)	L4 AR-1242-2	6.252	5.353	146781	130409	307.544	140.022 #
18)	L4 AR-1242-3	0.000	5.539	0	15758	N.D.	29.819 #
19)	L4 AR-1242-4	0.000	5.657	0	19449	N.D.	38.439 #
20)	L4 AR-1242-5	7.177f	6.211	85418	162588	328.415	274.273
21)	L5 AR-1248-1	6.252f	5.353f	146781	130409	586.292	251.020 #
22)	L5 AR-1248-2	6.528	5.595	28897	15380	81.818	21.841 #
23)	L5 AR-1248-3	0.000	5.657	0	19449	N.D.	26.210 #
24)	L5 AR-1248-4	7.177	5.829	85418	7437	188.389	8.834 #
25)	L5 AR-1248-5	0.000	6.252	0	32242	N.D.	38.925 #
26)	L6 AR-1254-1	7.150	6.211	64086	162588	128.550	129.990
27)	L6 AR-1254-2	7.378	6.362	68301	25777	89.091	23.687 #
28)	L6 AR-1254-3	7.759	6.790	50770	25723	65.801	15.483 #
29)	L6 AR-1254-4	8.047	7.035	14207	26903	25.533	27.578
30)	L6 AR-1254-5	8.500f	7.462	68930	80288	110.077	62.655 #
31)	L7 AR-1260-1	7.924	6.930	17380	36870	29.327	34.694
32)	L7 AR-1260-2	8.181	7.125	108854	44268	140.982	35.860 #
33)	L7 AR-1260-3	8.557	7.283	7419	17316	14.342	12.923
34)	L7 AR-1260-4	8.785	7.768	16892	16757	29.174	18.766 #
35)	L7 AR-1260-5	9.109	8.014	16196	21138	13.842	10.983
36)	L8 AR-1262-1	8.557	7.462	7419	80288	9.668	120.669 #
37)	L8 AR-1262-2	9.109	7.768	16196	16757	13.214	15.450
38)	L8 AR-1262-3	9.426	8.304	9950	10659	20.242	13.991 #
39)	L8 AR-1262-4	9.522	8.367	6747	21951	18.308	14.410
41)	L9 AR-1268-1	9.426	8.304	9950	10659	6.563	4.711 #
42)	L9 AR-1268-2	9.522	8.367	6747	21951	4.755	10.054 #

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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	9.752	0.000	6168	0	4.792	N.D. #
45) L9	AR-1268-5	10.580	9.157	13954	15878	3.598	2.782

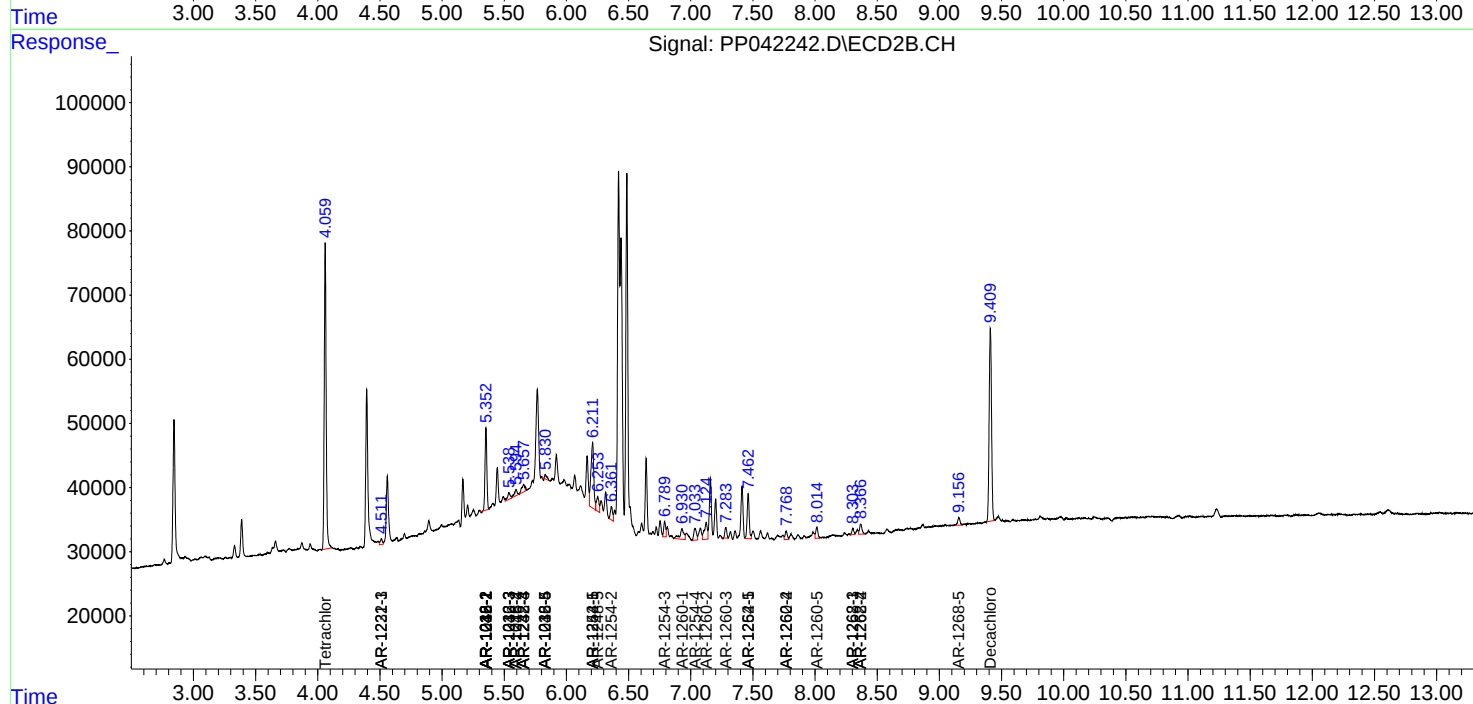
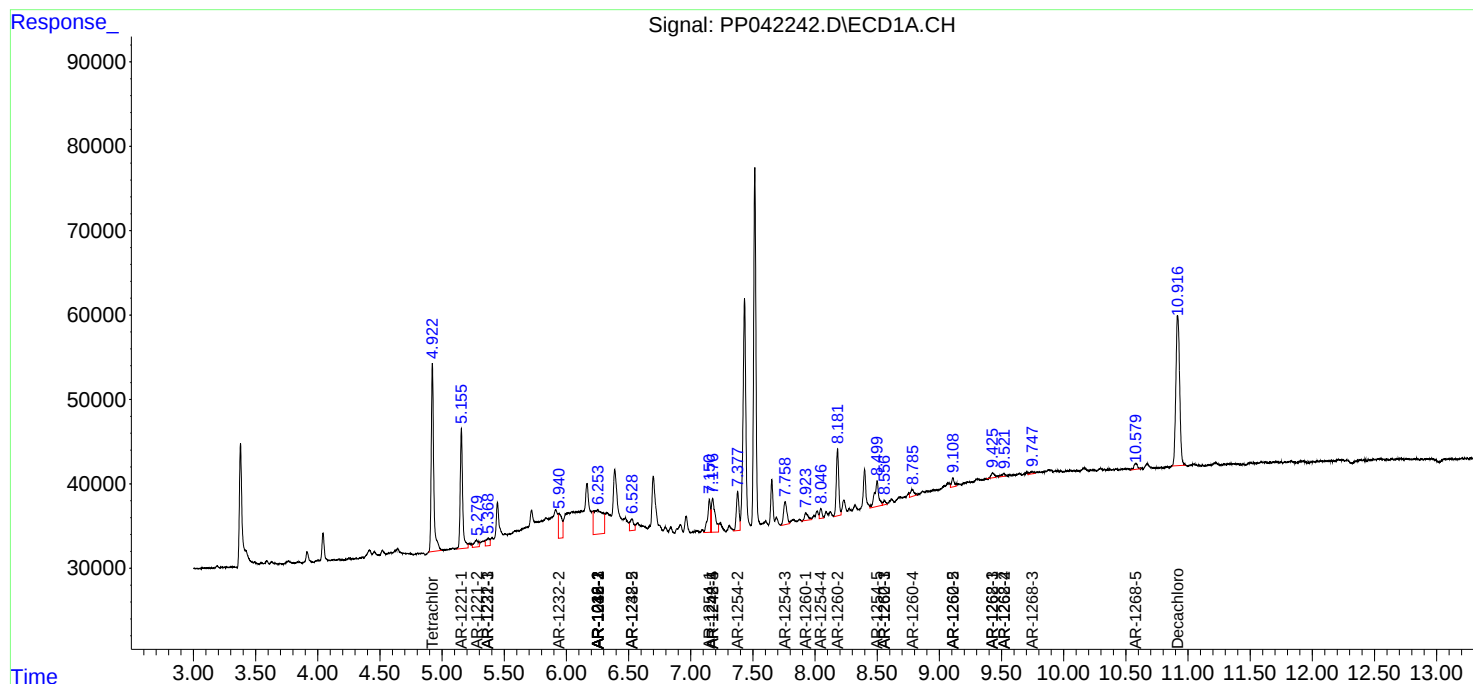
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

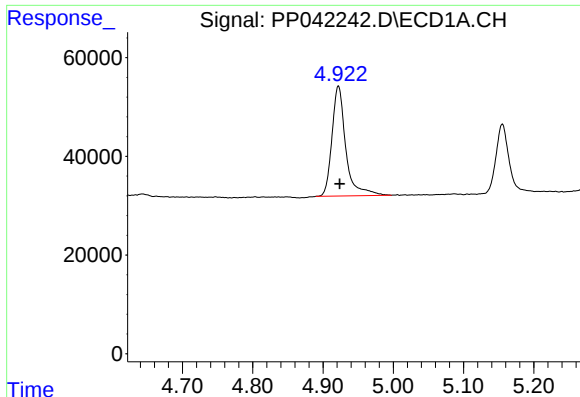
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Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

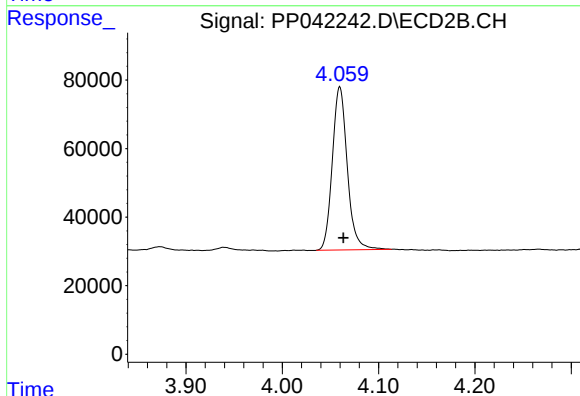




#1 Tetrachloro-m-xylene

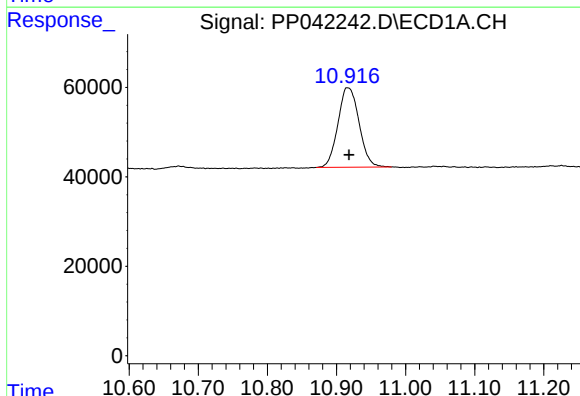
R.T.: 4.922 min
Delta R.T.: -0.002 min
Response: 304655
Conc: 23.20 ng/ml

Instrument :
ECD_P
ClientSampleId :



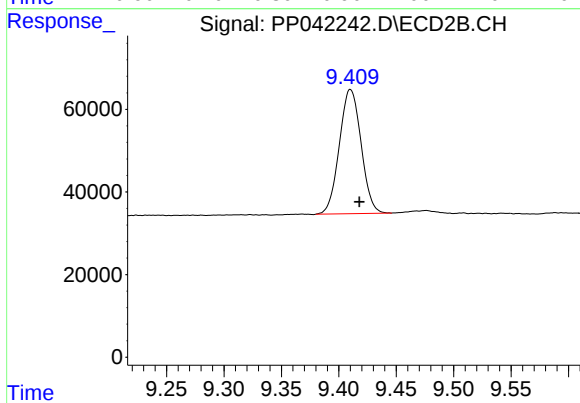
#1 Tetrachloro-m-xylene

R.T.: 4.060 min
Delta R.T.: -0.004 min
Response: 515348
Conc: 22.56 ng/ml



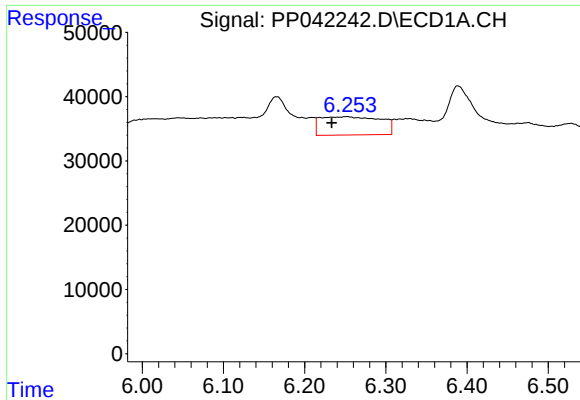
#2 Decachlorobiphenyl

R.T.: 10.916 min
Delta R.T.: -0.002 min
Response: 376658
Conc: 30.92 ng/ml



#2 Decachlorobiphenyl

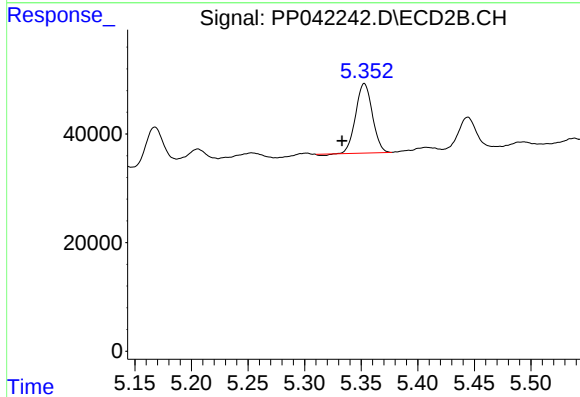
R.T.: 9.410 min
Delta R.T.: -0.008 min
Response: 396736
Conc: 24.53 ng/ml



#3 AR-1016-1

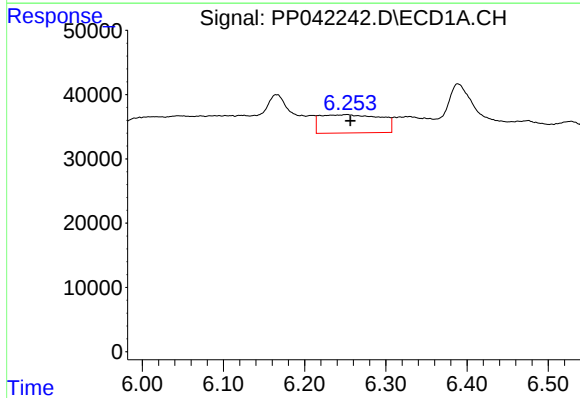
R.T.: 6.252 min
Delta R.T.: 0.019 min
Response: 146781
Conc: 330.22 ng/ml

Instrument :
ECD_P
ClientSampleId :



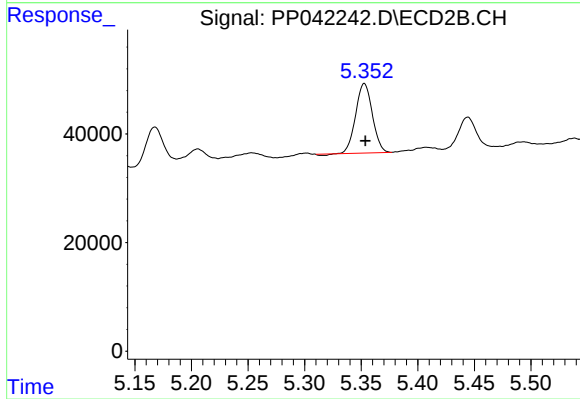
#3 AR-1016-1

R.T.: 5.353 min
Delta R.T.: 0.020 min
Response: 130409
Conc: 142.26 ng/ml



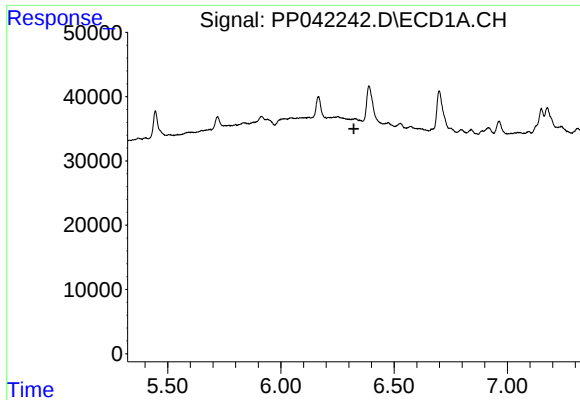
#4 AR-1016-2

R.T.: 6.252 min
Delta R.T.: -0.005 min
Response: 146781
Conc: 221.90 ng/ml



#4 AR-1016-2

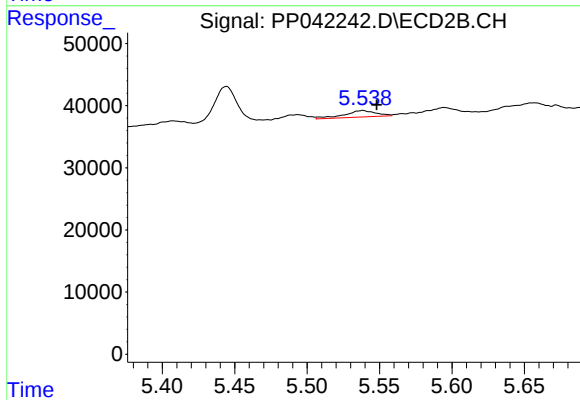
R.T.: 5.353 min
Delta R.T.: 0.000 min
Response: 130409
Conc: 103.50 ng/ml



#5 AR-1016-3

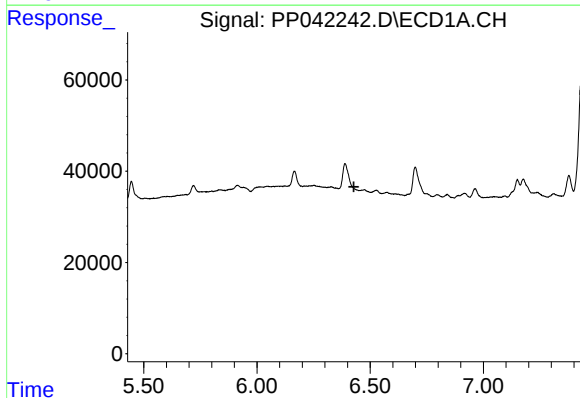
R.T.: 0.000 min
Exp R.T.: 6.322 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



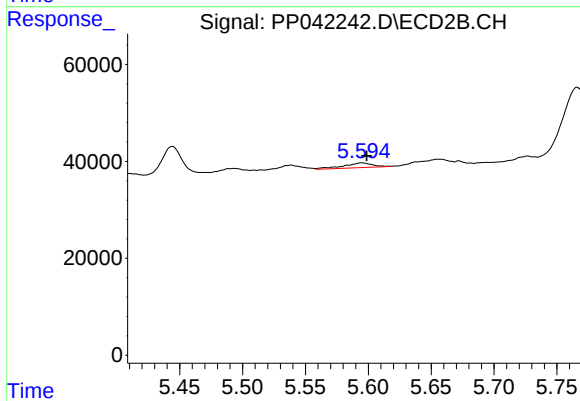
#5 AR-1016-3

R.T.: 5.539 min
Delta R.T.: -0.009 min
Response: 15758
Conc: 22.44 ng/ml



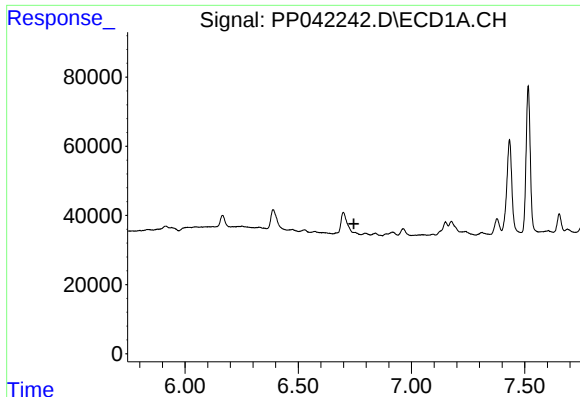
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T.: 6.428 min
Response: 0
Conc: N.D.



#6 AR-1016-4

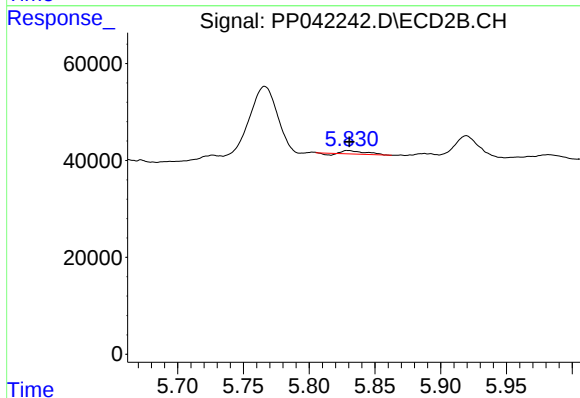
R.T.: 5.595 min
Delta R.T.: -0.004 min
Response: 15380
Conc: 28.32 ng/ml



#7 AR-1016-5

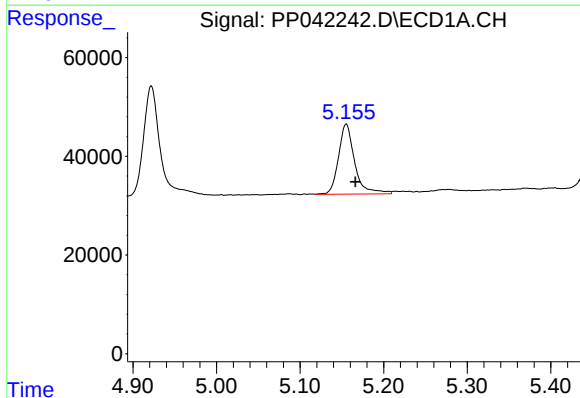
R.T.: 0.000 min
Exp R.T.: 6.745 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



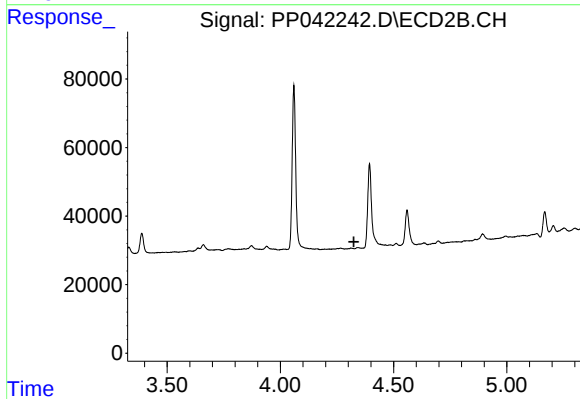
#7 AR-1016-5

R.T.: 5.829 min
Delta R.T.: -0.001 min
Response: 7437
Conc: 11.41 ng/ml



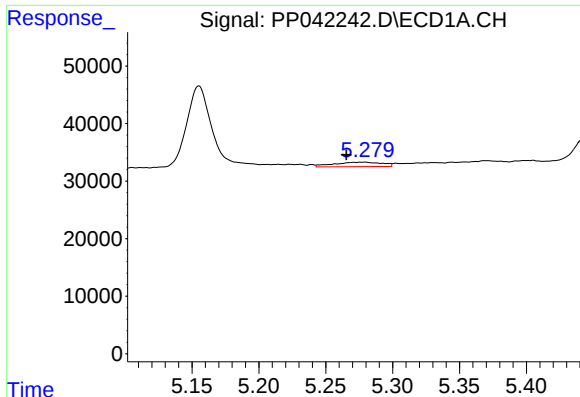
#8 AR-1221-1

R.T.: 5.155 min
Delta R.T.: -0.011 min
Response: 191295
Conc: 1207.22 ng/ml



#8 AR-1221-1

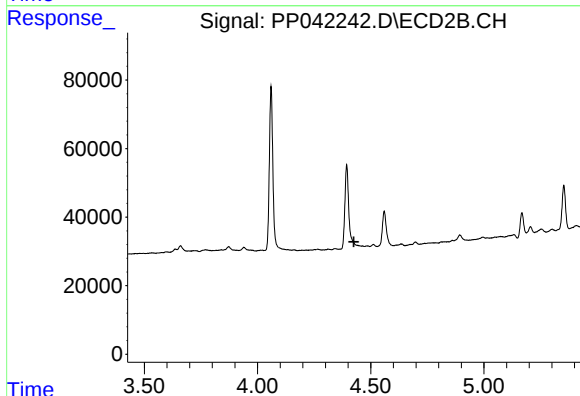
R.T.: 0.000 min
Exp R.T.: 4.325 min
Response: 0
Conc: N.D.



#9 AR-1221-2

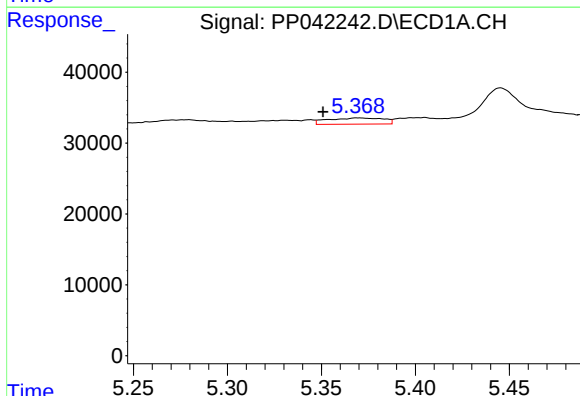
R.T.: 5.279 min
Delta R.T.: 0.014 min
Response: 19383
Conc: 171.91 ng/ml

Instrument :
ECD_P
ClientSampleId :



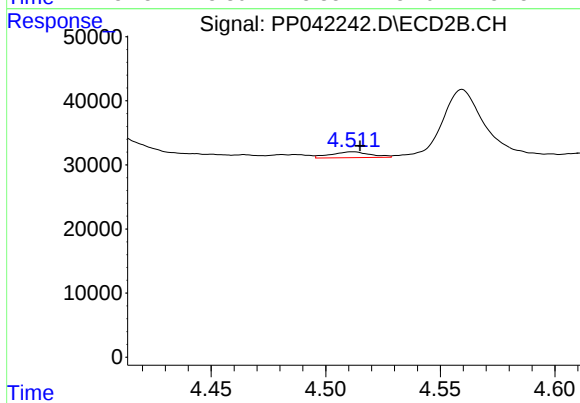
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T. : 4.425 min
Response: 0
Conc: N.D.



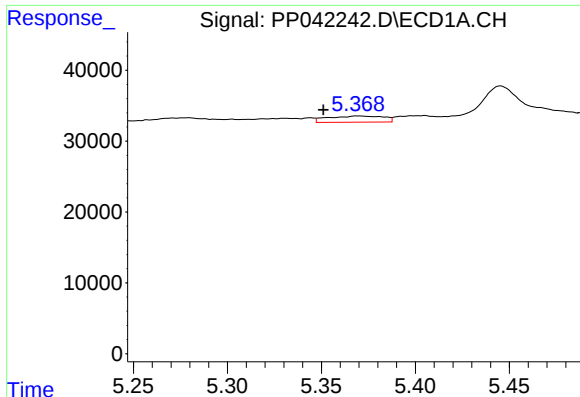
#10 AR-1221-3

R.T.: 5.369 min
Delta R.T.: 0.018 min
Response: 18119
Conc: 51.79 ng/ml



#10 AR-1221-3

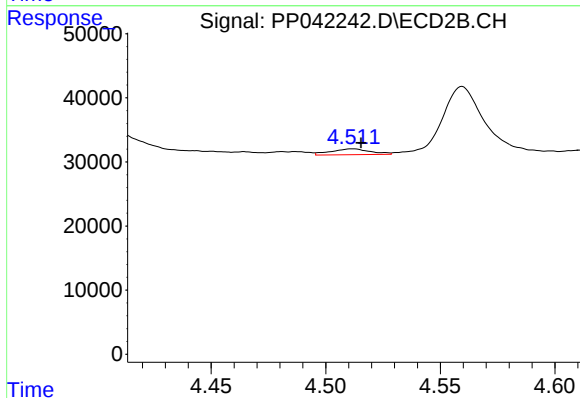
R.T.: 4.512 min
Delta R.T.: -0.003 min
Response: 10764
Conc: 15.48 ng/ml



#11 AR-1232-1

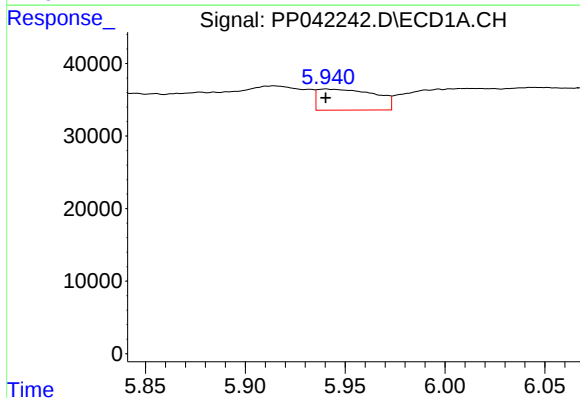
R.T.: 5.369 min
Delta R.T.: 0.018 min
Response: 18119
Conc: 62.72 ng/ml

Instrument :
ECD_P
ClientSampleId :



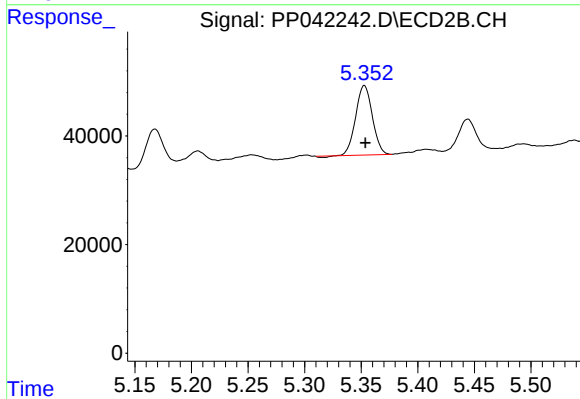
#11 AR-1232-1

R.T.: 4.512 min
Delta R.T.: -0.004 min
Response: 10764
Conc: 18.41 ng/ml



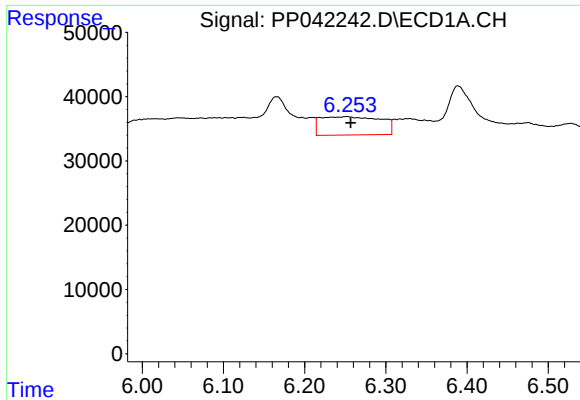
#12 AR-1232-2

R.T.: 5.940 min
Delta R.T.: 0.000 min
Response: 58170
Conc: 392.40 ng/ml



#12 AR-1232-2

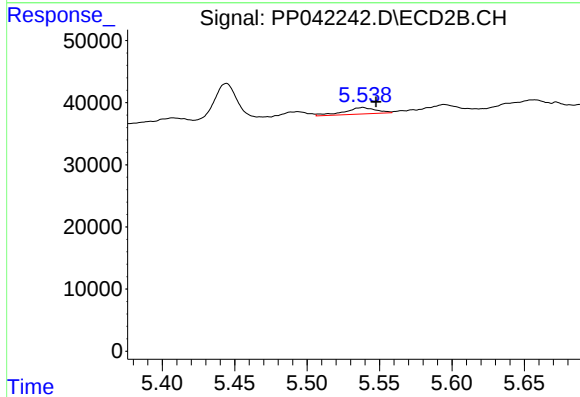
R.T.: 5.353 min
Delta R.T.: 0.000 min
Response: 130409
Conc: 245.07 ng/ml



#13 AR-1232-3

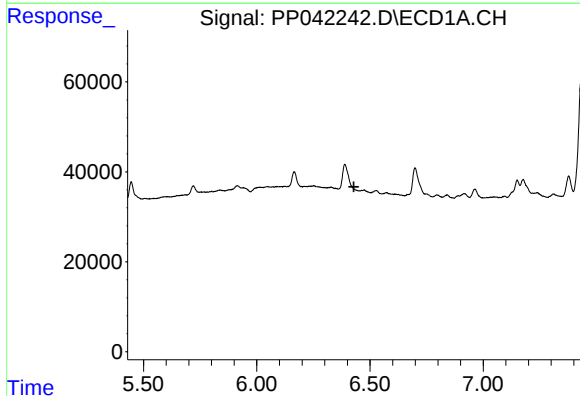
R.T.: 6.252 min
Delta R.T.: -0.005 min
Response: 146781
Conc: 561.01 ng/ml

Instrument :
ECD_P
ClientSampleId :



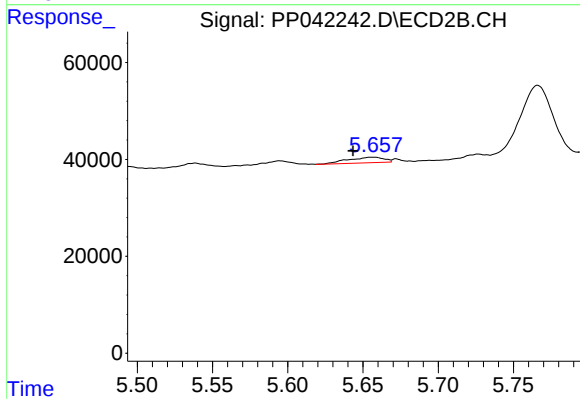
#13 AR-1232-3

R.T.: 5.539 min
Delta R.T.: -0.009 min
Response: 15758
Conc: 55.05 ng/ml



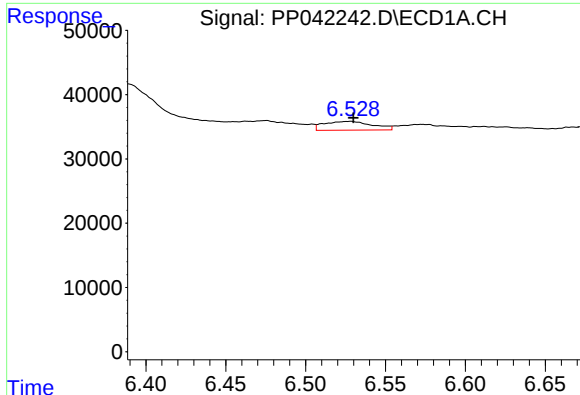
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 6.429 min
Response: 0
Conc: N.D.



#14 AR-1232-4

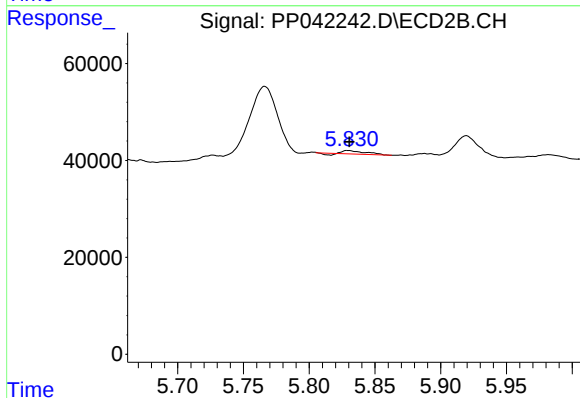
R.T.: 5.657 min
Delta R.T.: 0.014 min
Response: 19449
Conc: 80.63 ng/ml



#15 AR-1232-5

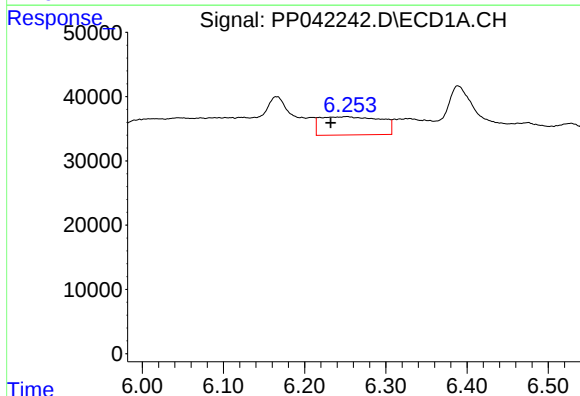
R.T.: 6.528 min
Delta R.T.: -0.002 min
Response: 28897
Conc: 280.03 ng/ml

Instrument :
ECD_P
ClientSampleId :



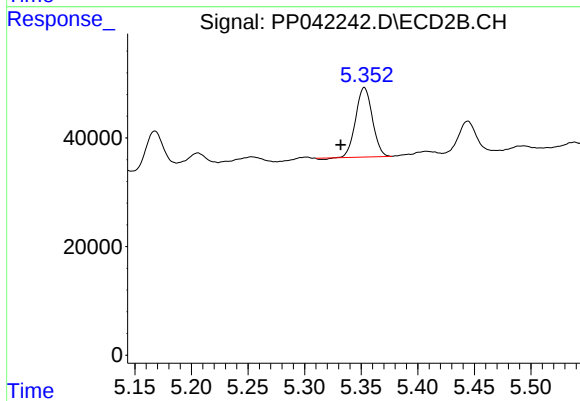
#15 AR-1232-5

R.T.: 5.829 min
Delta R.T.: -0.001 min
Response: 7437
Conc: 30.63 ng/ml



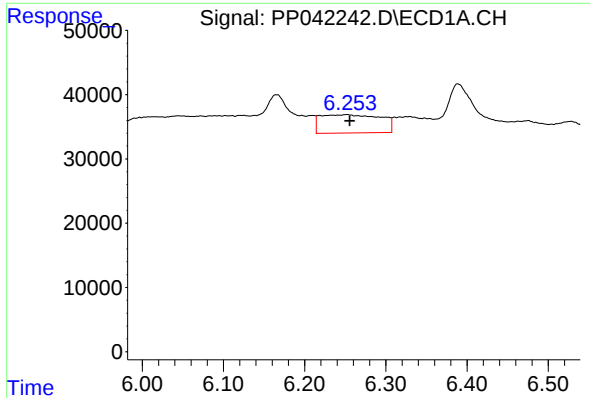
#16 AR-1242-1

R.T.: 6.252 min
Delta R.T.: 0.020 min
Response: 146781
Conc: 450.15 ng/ml



#16 AR-1242-1

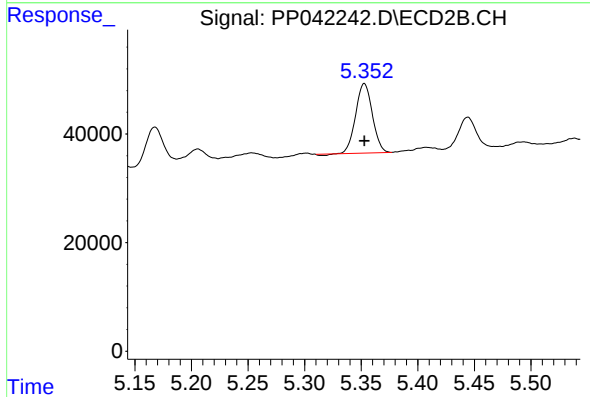
R.T.: 5.353 min
Delta R.T.: 0.021 min
Response: 130409
Conc: 191.52 ng/ml



#17 AR-1242-2

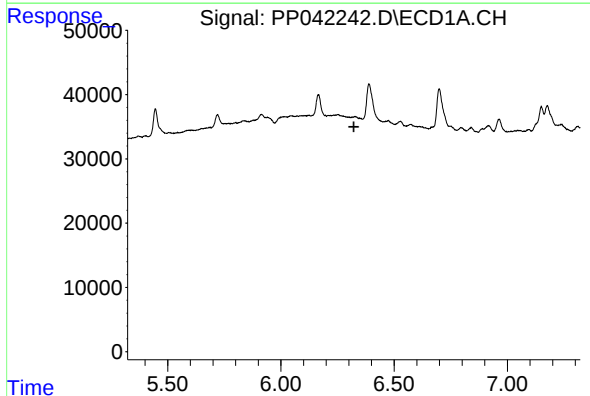
R.T.: 6.252 min
Delta R.T.: -0.004 min
Response: 146781
Conc: 307.54 ng/ml

Instrument :
ECD_P
ClientSampleId :



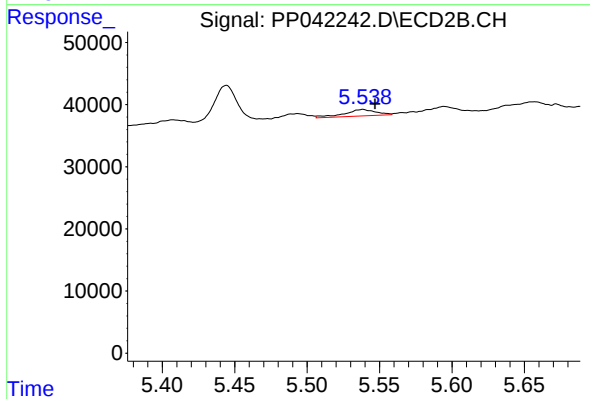
#17 AR-1242-2

R.T.: 5.353 min
Delta R.T.: 0.000 min
Response: 130409
Conc: 140.02 ng/ml



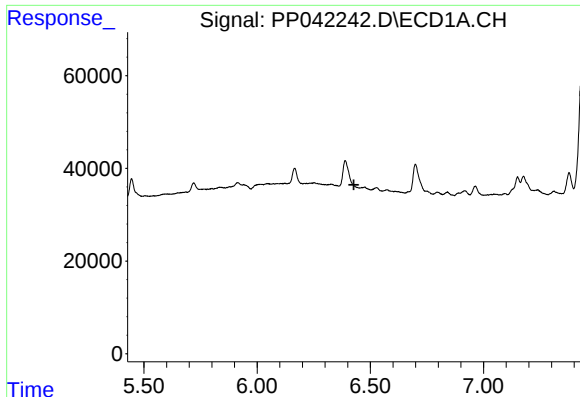
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 6.322 min
Response: 0
Conc: N.D.



#18 AR-1242-3

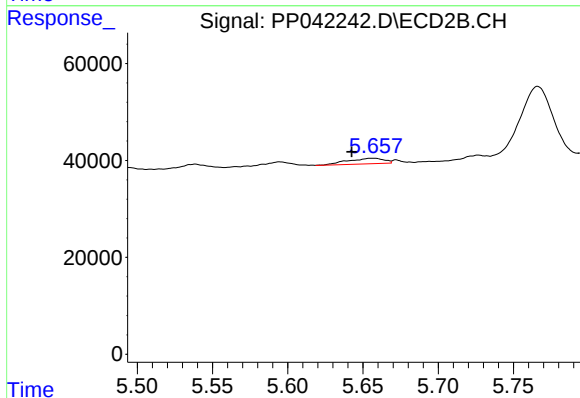
R.T.: 5.539 min
Delta R.T.: -0.008 min
Response: 15758
Conc: 29.82 ng/ml



#19 AR-1242-4

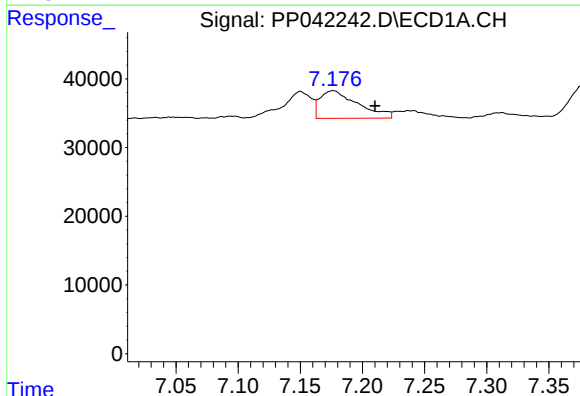
R.T.: 0.000 min
Exp R.T.: 6.427 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



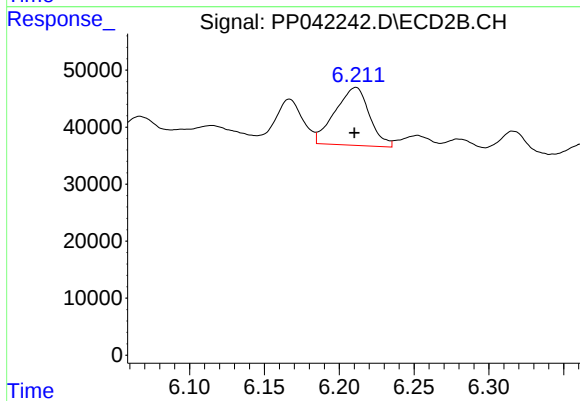
#19 AR-1242-4

R.T.: 5.657 min
Delta R.T.: 0.015 min
Response: 19449
Conc: 38.44 ng/ml



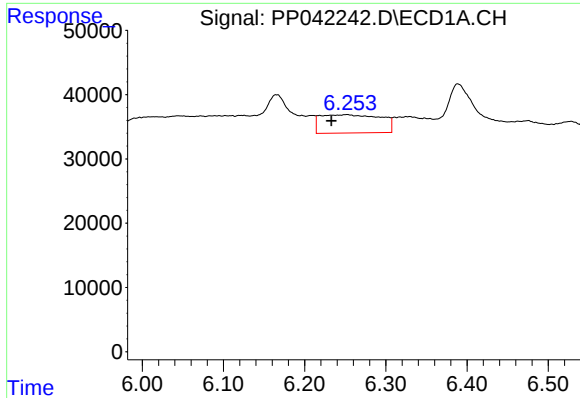
#20 AR-1242-5

R.T.: 7.177 min
Delta R.T.: -0.034 min
Response: 85418
Conc: 328.42 ng/ml



#20 AR-1242-5

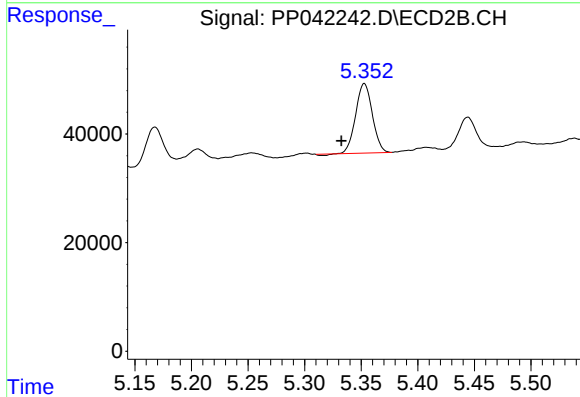
R.T.: 6.211 min
Delta R.T.: 0.001 min
Response: 162588
Conc: 274.27 ng/ml



#21 AR-1248-1

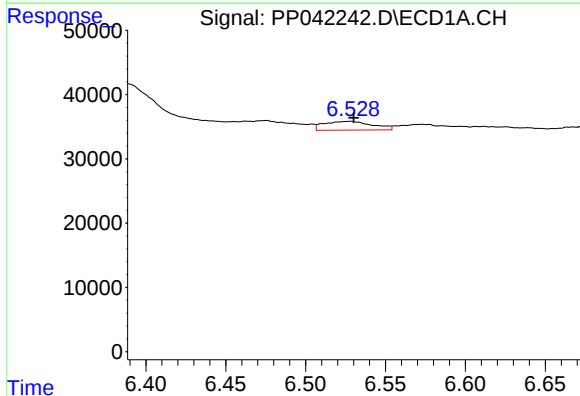
R.T.: 6.252 min
Delta R.T.: 0.019 min
Response: 146781
Conc: 586.29 ng/ml

Instrument :
ECD_P
ClientSampleId :



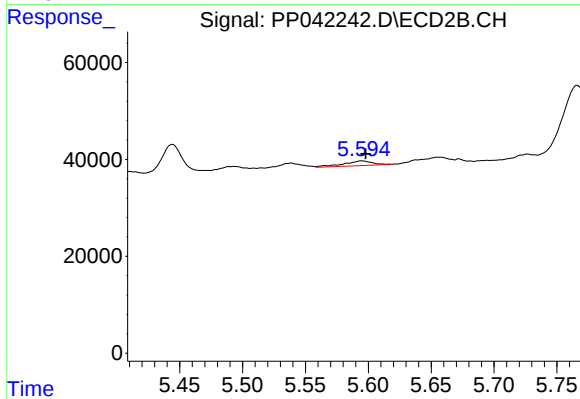
#21 AR-1248-1

R.T.: 5.353 min
Delta R.T.: 0.021 min
Response: 130409
Conc: 251.02 ng/ml



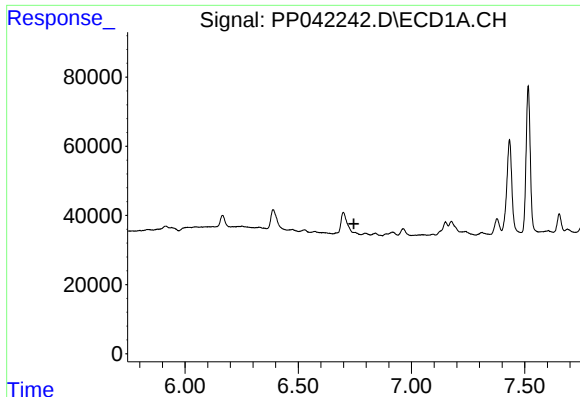
#22 AR-1248-2

R.T.: 6.528 min
Delta R.T.: -0.002 min
Response: 28897
Conc: 81.82 ng/ml



#22 AR-1248-2

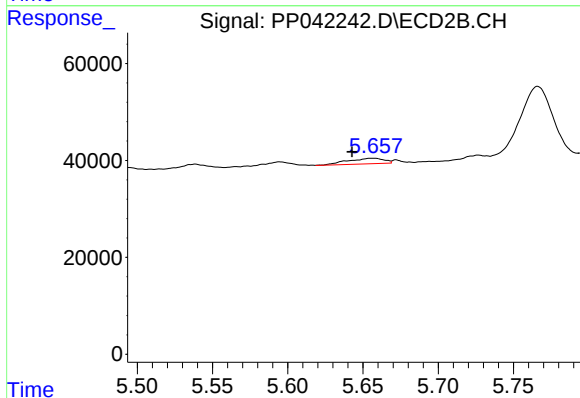
R.T.: 5.595 min
Delta R.T.: -0.003 min
Response: 15380
Conc: 21.84 ng/ml



#23 AR-1248-3

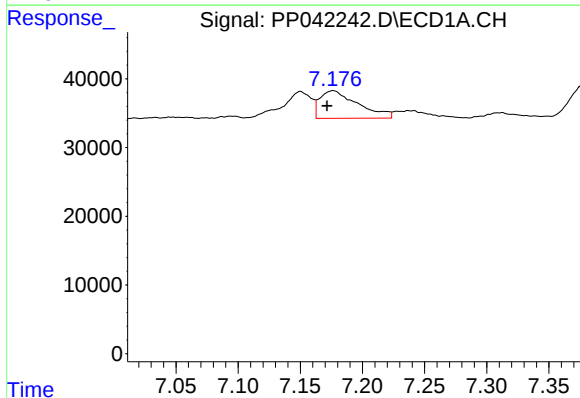
R.T.: 0.000 min
Exp R.T.: 6.746 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



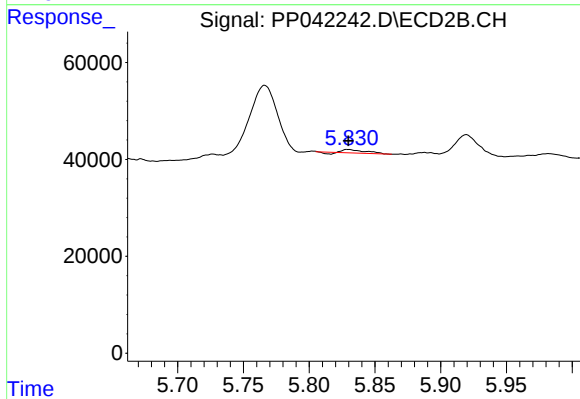
#23 AR-1248-3

R.T.: 5.657 min
Delta R.T.: 0.015 min
Response: 19449
Conc: 26.21 ng/ml



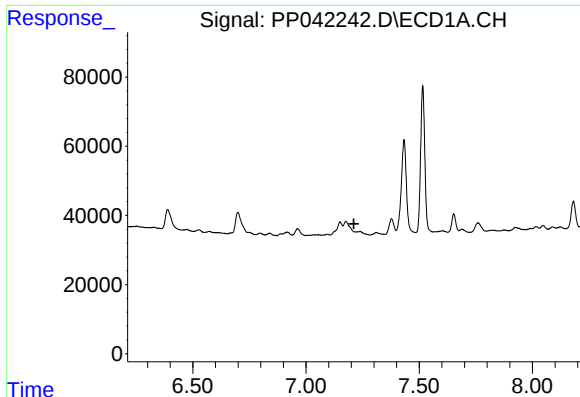
#24 AR-1248-4

R.T.: 7.177 min
Delta R.T.: 0.005 min
Response: 85418
Conc: 188.39 ng/ml



#24 AR-1248-4

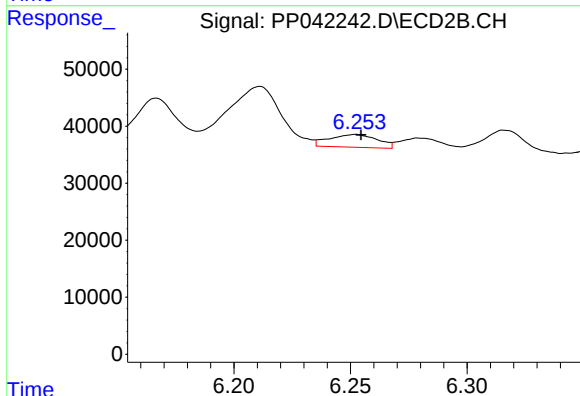
R.T.: 5.829 min
Delta R.T.: 0.000 min
Response: 7437
Conc: 8.83 ng/ml



#25 AR-1248-5

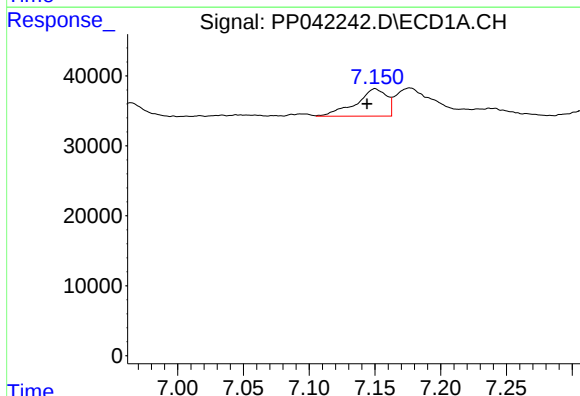
R.T.: 0.000 min
Exp R.T.: 7.211 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



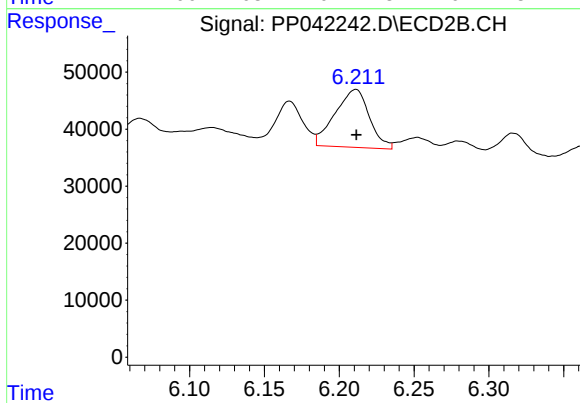
#25 AR-1248-5

R.T.: 6.252 min
Delta R.T.: -0.002 min
Response: 32242
Conc: 38.92 ng/ml



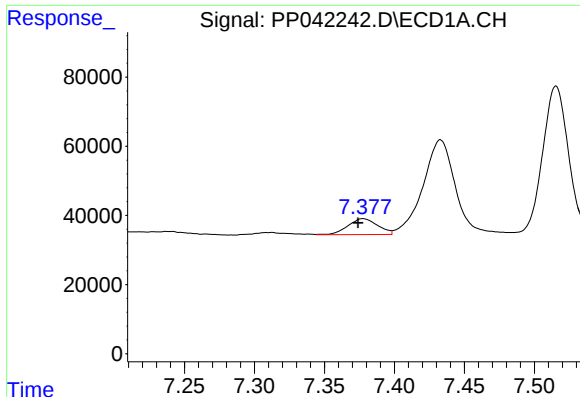
#26 AR-1254-1

R.T.: 7.150 min
Delta R.T.: 0.006 min
Response: 64086
Conc: 128.55 ng/ml



#26 AR-1254-1

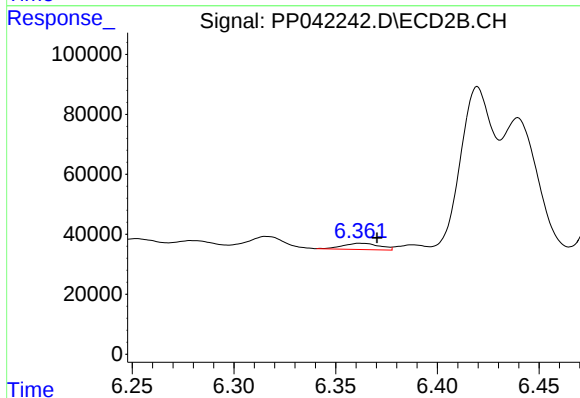
R.T.: 6.211 min
Delta R.T.: 0.000 min
Response: 162588
Conc: 129.99 ng/ml



#27 AR-1254-2

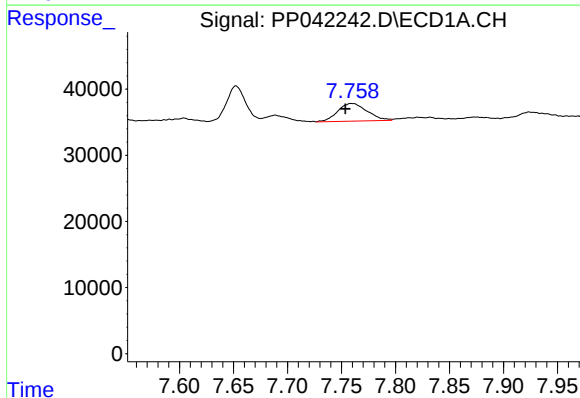
R.T.: 7.378 min
Delta R.T.: 0.004 min
Response: 68301
Conc: 89.09 ng/ml

Instrument :
ECD_P
ClientSampleId :



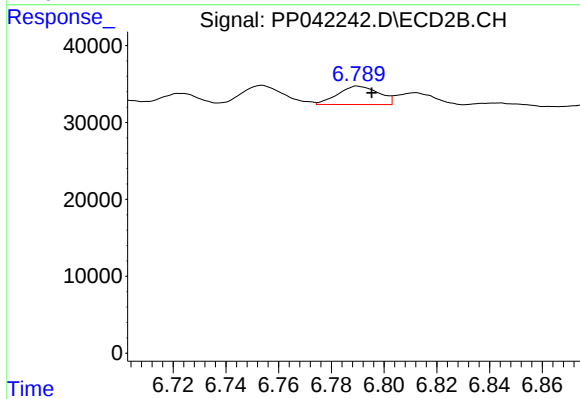
#27 AR-1254-2

R.T.: 6.362 min
Delta R.T.: -0.008 min
Response: 25777
Conc: 23.69 ng/ml



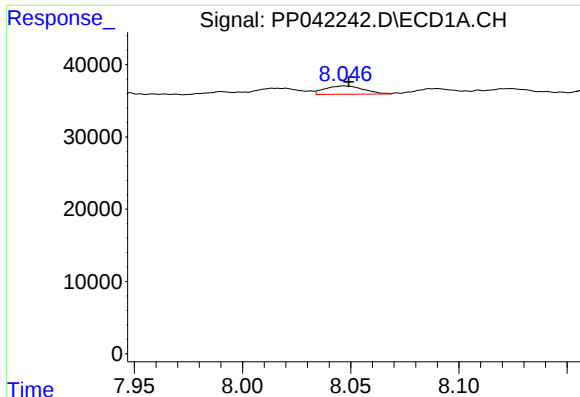
#28 AR-1254-3

R.T.: 7.759 min
Delta R.T.: 0.006 min
Response: 50770
Conc: 65.80 ng/ml



#28 AR-1254-3

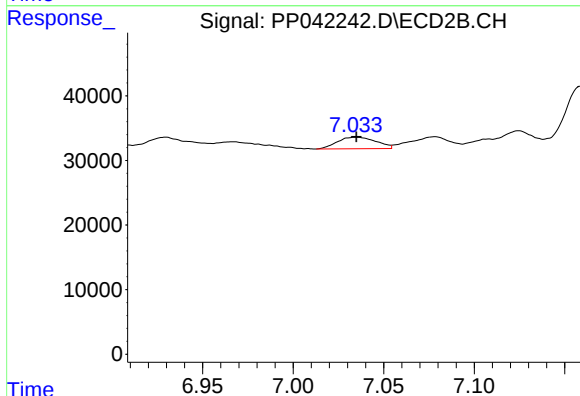
R.T.: 6.790 min
Delta R.T.: -0.005 min
Response: 25723
Conc: 15.48 ng/ml



#29 AR-1254-4

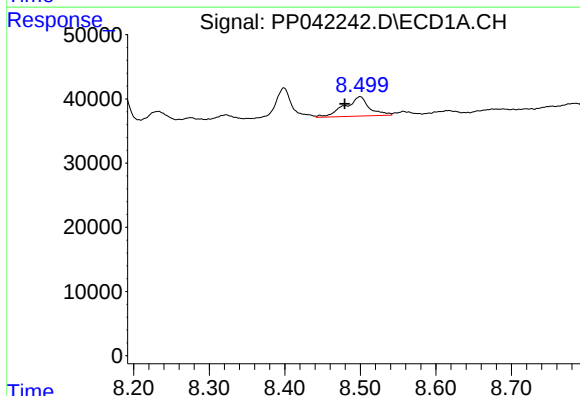
R.T.: 8.047 min
Delta R.T.: -0.002 min
Response: 14207
Conc: 25.53 ng/ml

Instrument :
ECD_P
ClientSampleId :



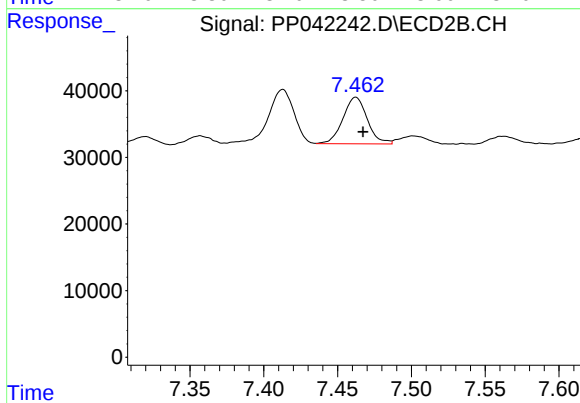
#29 AR-1254-4

R.T.: 7.035 min
Delta R.T.: 0.000 min
Response: 26903
Conc: 27.58 ng/ml



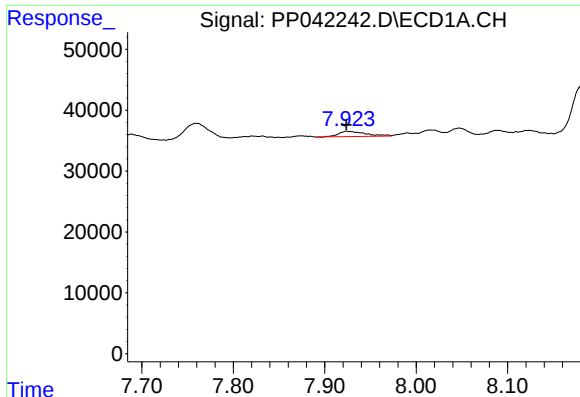
#30 AR-1254-5

R.T.: 8.500 min
Delta R.T.: 0.021 min
Response: 68930
Conc: 110.08 ng/ml



#30 AR-1254-5

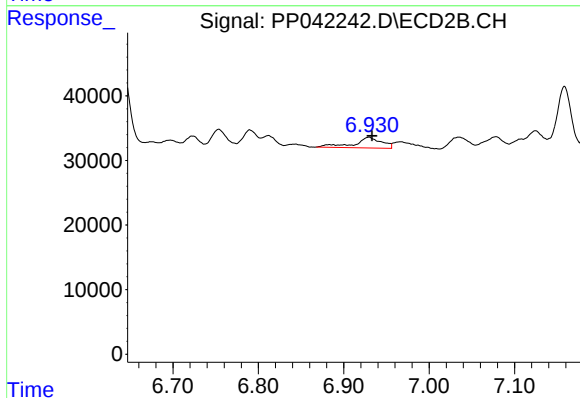
R.T.: 7.462 min
Delta R.T.: -0.005 min
Response: 80288
Conc: 62.66 ng/ml



#31 AR-1260-1

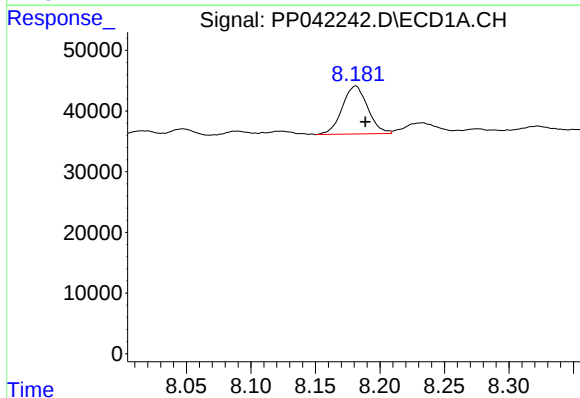
R.T.: 7.924 min
Delta R.T.: 0.000 min
Response: 17380
Conc: 29.33 ng/ml

Instrument :
ECD_P
ClientSampleId :



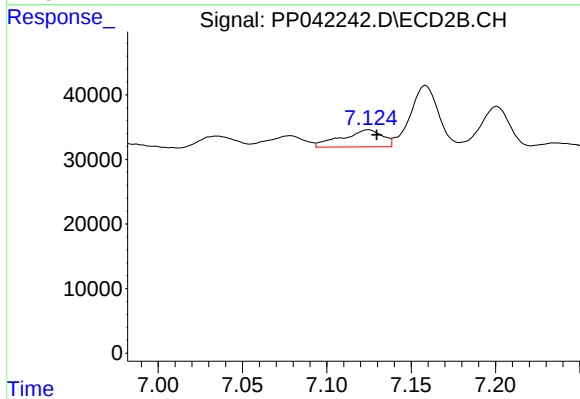
#31 AR-1260-1

R.T.: 6.930 min
Delta R.T.: -0.003 min
Response: 36870
Conc: 34.69 ng/ml



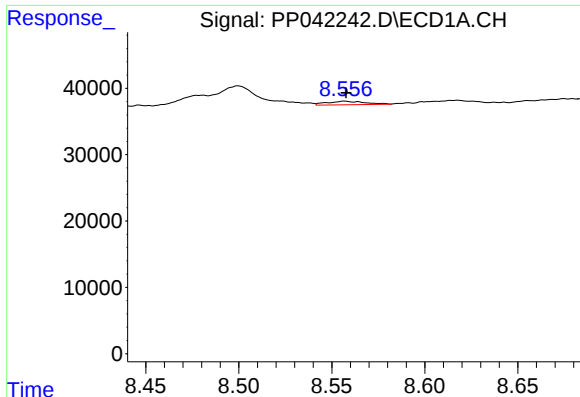
#32 AR-1260-2

R.T.: 8.181 min
Delta R.T.: -0.008 min
Response: 108854
Conc: 140.98 ng/ml



#32 AR-1260-2

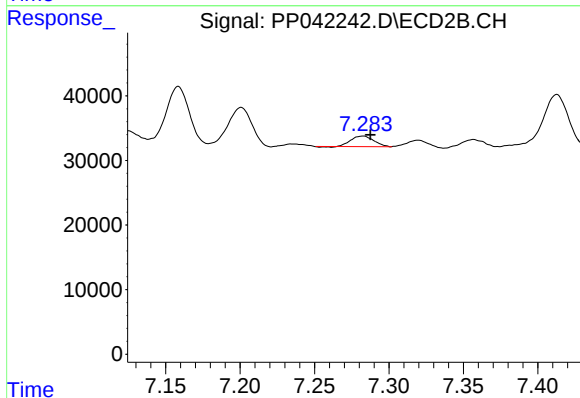
R.T.: 7.125 min
Delta R.T.: -0.005 min
Response: 44268
Conc: 35.86 ng/ml



#33 AR-1260-3

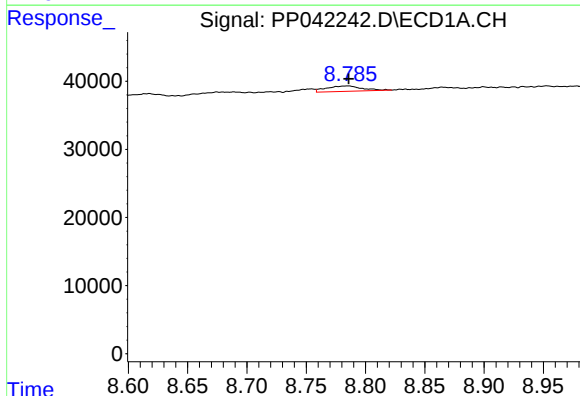
R.T.: 8.557 min
Delta R.T.: 0.000 min
Response: 7419
Conc: 14.34 ng/ml

Instrument :
ECD_P
ClientSampleId :



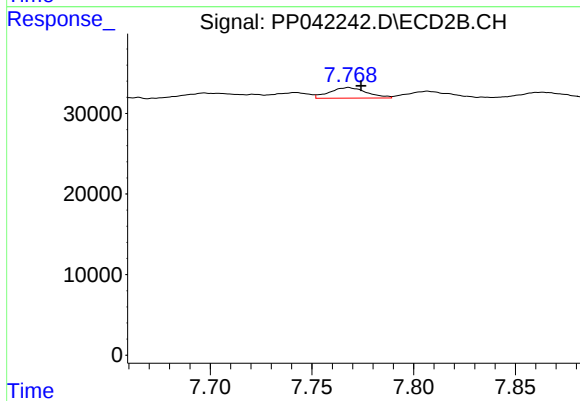
#33 AR-1260-3

R.T.: 7.283 min
Delta R.T.: -0.005 min
Response: 17316
Conc: 12.92 ng/ml



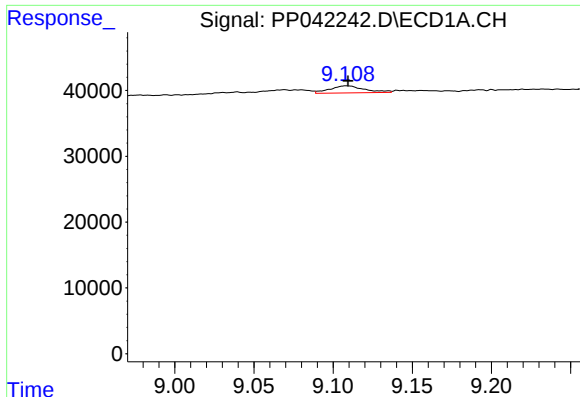
#34 AR-1260-4

R.T.: 8.785 min
Delta R.T.: 0.000 min
Response: 16892
Conc: 29.17 ng/ml



#34 AR-1260-4

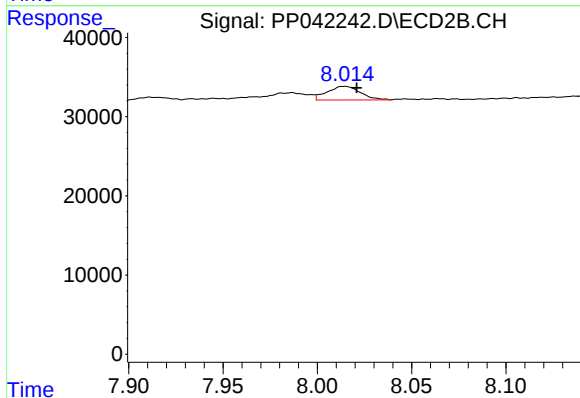
R.T.: 7.768 min
Delta R.T.: -0.006 min
Response: 16757
Conc: 18.77 ng/ml



#35 AR-1260-5

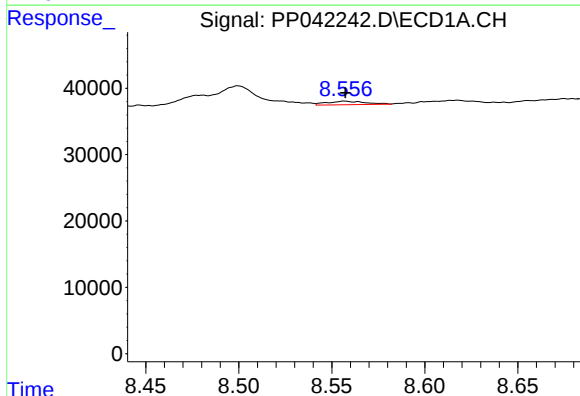
R.T.: 9.109 min
Delta R.T.: 0.000 min
Response: 16196
Conc: 13.84 ng/ml

Instrument :
ECD_P
ClientSampleId :



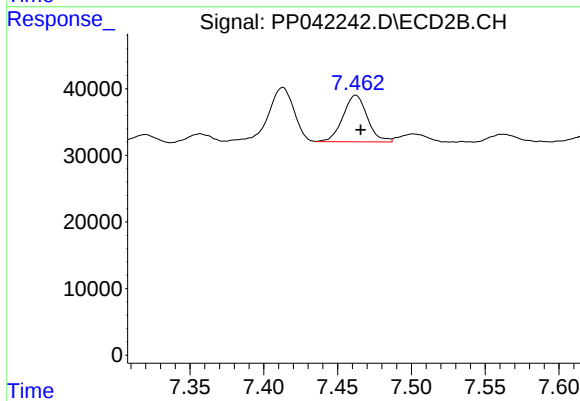
#35 AR-1260-5

R.T.: 8.014 min
Delta R.T.: -0.007 min
Response: 21138
Conc: 10.98 ng/ml



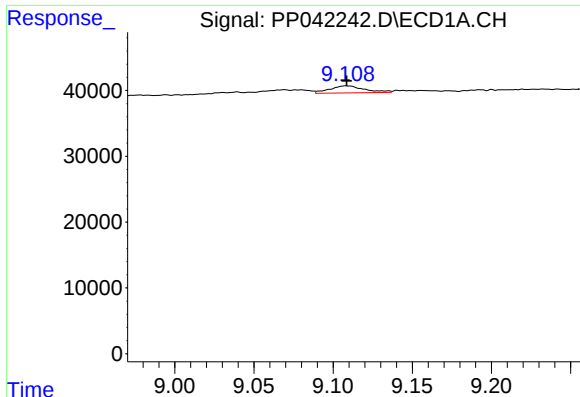
#36 AR-1262-1

R.T.: 8.557 min
Delta R.T.: 0.000 min
Response: 7419
Conc: 9.67 ng/ml



#36 AR-1262-1

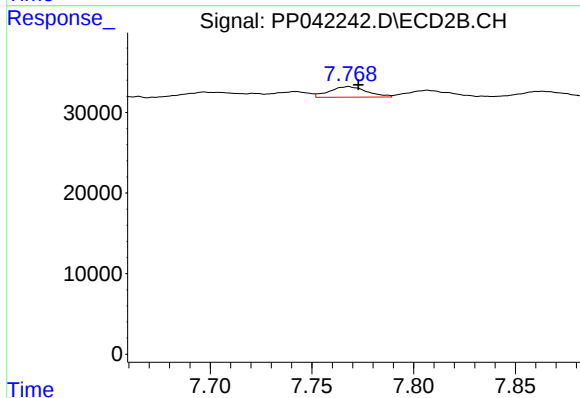
R.T.: 7.462 min
Delta R.T.: -0.003 min
Response: 80288
Conc: 120.67 ng/ml



#37 AR-1262-2

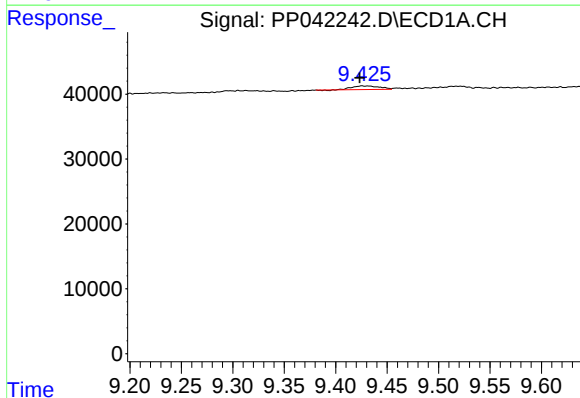
R.T.: 9.109 min
Delta R.T.: 0.000 min
Response: 16196
Conc: 13.21 ng/ml

Instrument :
ECD_P
ClientSampleId :



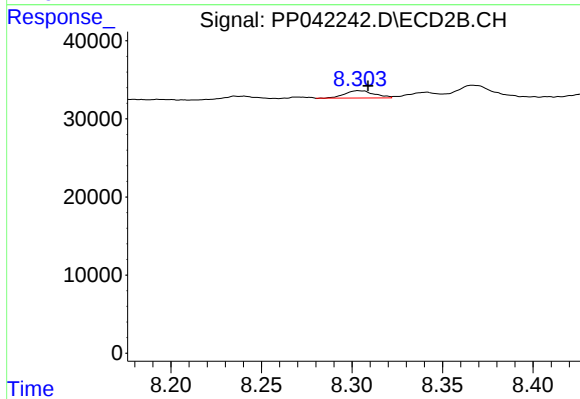
#37 AR-1262-2

R.T.: 7.768 min
Delta R.T.: -0.005 min
Response: 16757
Conc: 15.45 ng/ml



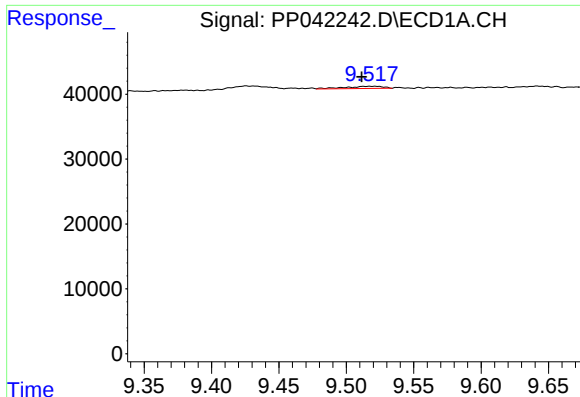
#38 AR-1262-3

R.T.: 9.426 min
Delta R.T.: 0.002 min
Response: 9950
Conc: 20.24 ng/ml



#38 AR-1262-3

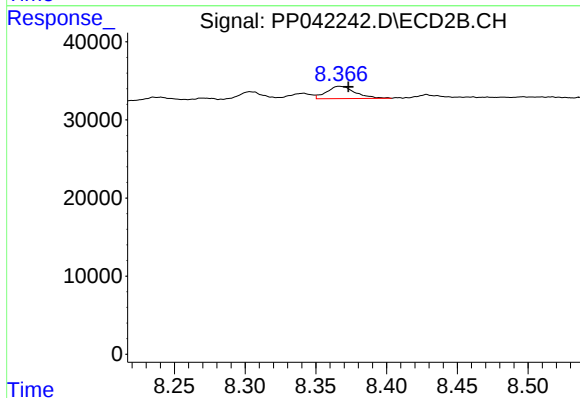
R.T.: 8.304 min
Delta R.T.: -0.005 min
Response: 10659
Conc: 13.99 ng/ml



#39 AR-1262-4

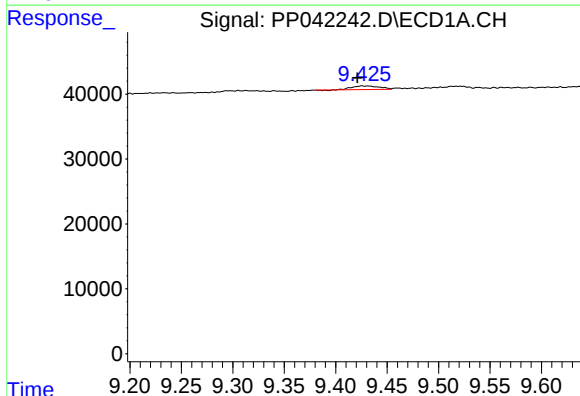
R.T.: 9.522 min
Delta R.T.: 0.010 min
Response: 6747
Conc: 18.31 ng/ml

Instrument :
ECD_P
ClientSampleId :



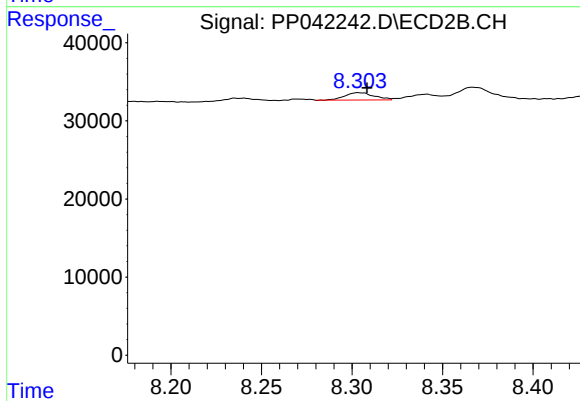
#39 AR-1262-4

R.T.: 8.367 min
Delta R.T.: -0.006 min
Response: 21951
Conc: 14.41 ng/ml



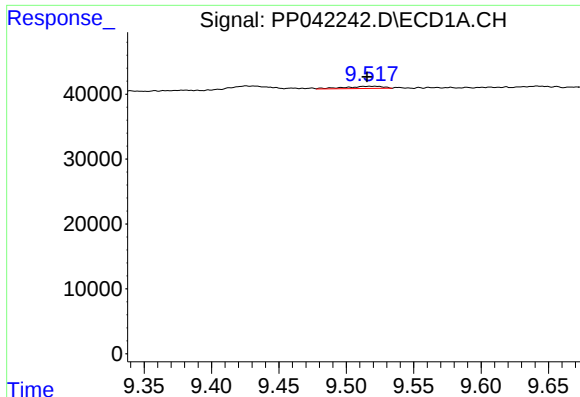
#41 AR-1268-1

R.T.: 9.426 min
Delta R.T.: 0.005 min
Response: 9950
Conc: 6.56 ng/ml



#41 AR-1268-1

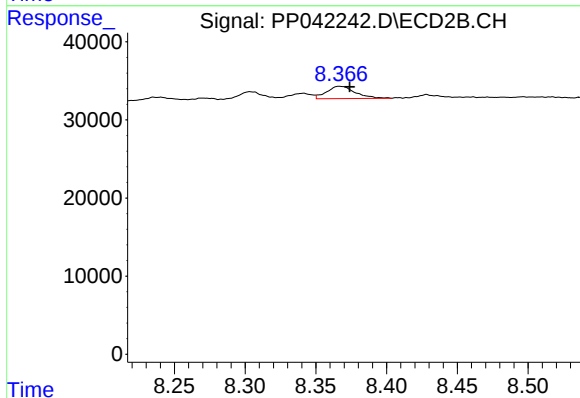
R.T.: 8.304 min
Delta R.T.: -0.005 min
Response: 10659
Conc: 4.71 ng/ml



#42 AR-1268-2

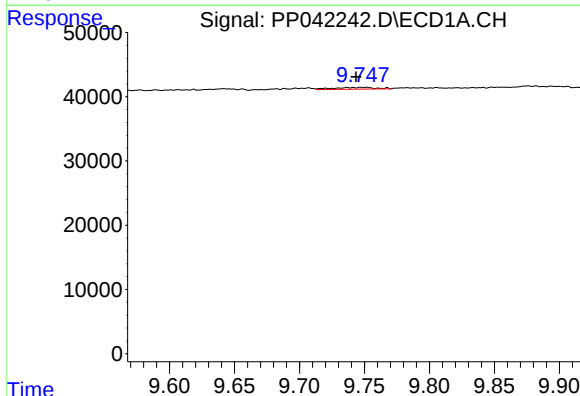
R.T.: 9.522 min
Delta R.T.: 0.007 min
Response: 6747
Conc: 4.75 ng/ml

Instrument :
ECD_P
ClientSampleId :



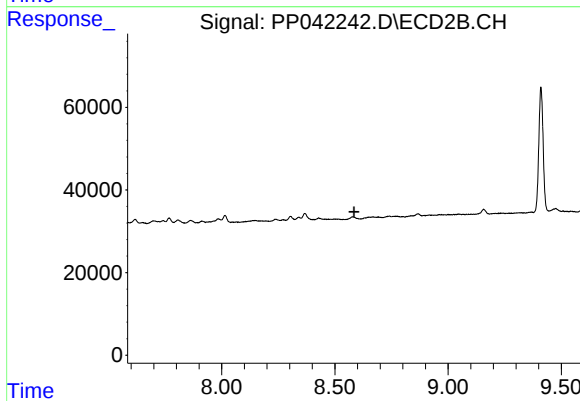
#42 AR-1268-2

R.T.: 8.367 min
Delta R.T.: -0.007 min
Response: 21951
Conc: 10.05 ng/ml



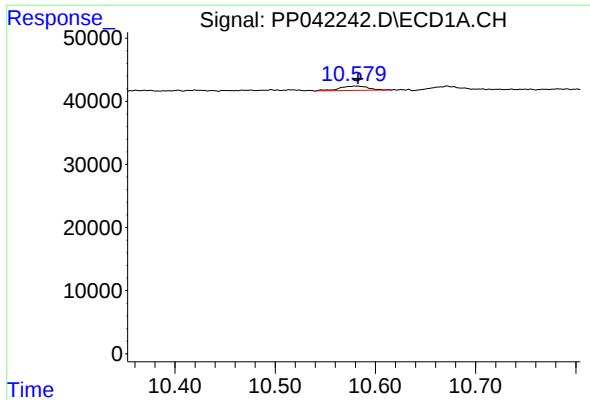
#43 AR-1268-3

R.T.: 9.752 min
Delta R.T.: 0.008 min
Response: 6168
Conc: 4.79 ng/ml



#43 AR-1268-3

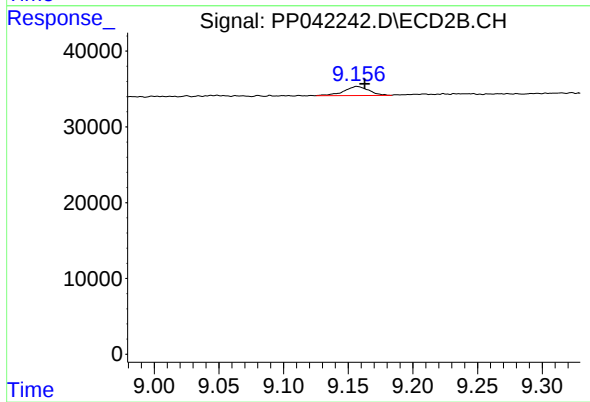
R.T.: 0.000 min
Exp R.T. : 8.584 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 10.580 min
Delta R.T.: -0.003 min
Response: 13954
Conc: 3.60 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 9.157 min
Delta R.T.: -0.006 min
Response: 15878
Conc: 2.78 ng/ml