

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP122921\
 Data File : PP042340.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 29 Dec 2021 12:42
 Operator : AJ\MA
 Sample : M5244-09
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 30 00:13:30 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	4.058	329846	559825	25.122	24.511
2)	SA Decachlor...	10.916	9.405	372267	420726	30.563	26.016
Target Compounds							
3)	L1 AR-1016-1	6.230	5.325	22190	63183	49.920	68.925 #
4)	L1 AR-1016-2	6.253	5.347	54644	91142	82.610	72.335
5)	L1 AR-1016-3	6.324	5.538	24802	40505	60.806	57.675
6)	L1 AR-1016-4	6.423	5.588	41820	57708	128.369	106.269
7)	L1 AR-1016-5	6.742	5.828	12101	12888	35.259	19.766 #
8)	L2 AR-1221-1	5.155	0.000	110300	0	696.083	N.D. #
10)	L2 AR-1221-3	5.348	4.508	160838	100604	459.781	144.643 #
11)	L3 AR-1232-1	5.348	4.508	160838	100604	556.810	172.074 #
12)	L3 AR-1232-2	5.936	5.347	18740	91142	126.413	171.281 #
13)	L3 AR-1232-3	6.253	5.538	54644	40505	208.855	141.512 #
14)	L3 AR-1232-4	6.423	5.629	41820	85281	319.070	353.568
15)	L3 AR-1232-5	6.527	5.828	23066	12888	223.530	53.078 #
16)	L4 AR-1242-1	6.230	5.325	22190	63183	68.051	92.791 #
17)	L4 AR-1242-2	6.253	5.347	54644	91142	114.493	97.861
18)	L4 AR-1242-3	6.324	5.538	24802	40505	82.810	76.647
19)	L4 AR-1242-4	6.423	5.629	41820	85281	170.690	168.553
20)	L4 AR-1242-5	7.214	6.203	20319	54481	78.124	91.905
21)	L5 AR-1248-1	6.230	5.325	22190	63183	88.632	121.618 #
22)	L5 AR-1248-2	6.527	5.588	23066	57708	65.310	81.948 #
23)	L5 AR-1248-3	6.742	5.629	12101	85281	28.774	114.927 #
24)	L5 AR-1248-4	7.169	5.828	26828	12888	59.170	15.308 #
25)	L5 AR-1248-5	7.214	6.231f	20319	111267	45.572	134.328 #
26)	L6 AR-1254-1	7.142	6.203	57366	54481	115.070	43.558 #
27)	L6 AR-1254-2	7.372	6.363	45253	31995	59.028	29.400 #
28)	L6 AR-1254-3	7.753	6.787	44109	43898	57.167	26.423 #
29)	L6 AR-1254-4	8.049	7.027	19705	34351	35.415	35.213
30)	L6 AR-1254-5	8.482	7.459	47592	56657	76.002	44.214 #
31)	L7 AR-1260-1	7.924	6.926	26634	45291	44.942	42.617
32)	L7 AR-1260-2	8.188	7.120	39981	23422	51.781	18.973 #
33)	L7 AR-1260-3	8.558	7.279	49722	18938	96.117	14.133 #
34)	L7 AR-1260-4	8.784	7.764	40717	23953	70.320	26.825 #
35)	L7 AR-1260-5	9.109	8.011	126285	23591	107.928	12.258 #
36)	L8 AR-1262-1	8.558	7.459	49722	56657	64.794	85.154 #
37)	L8 AR-1262-2	9.109	7.764	126285	23953	103.035	22.084 #
38)	L8 AR-1262-3	9.411	8.336f	18628	24229	37.896	31.803
39)	L8 AR-1262-4	9.516	8.363	21397	17708	58.058	11.625 #
40)	L8 AR-1262-5	10.163	0.000	35447	0	77.391	N.D. #
41)	L9 AR-1268-1	9.411	8.336f	18628	24229	12.286	10.707
42)	L9 AR-1268-2	9.516	8.363	21397	17708	15.079	8.111 #

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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
43)	L9 AR-1268-3	9.744	0.000	4321	0	3.357	N.D. #
44)	L9 AR-1268-4	10.163	0.000	35447	0	68.403	N.D. #

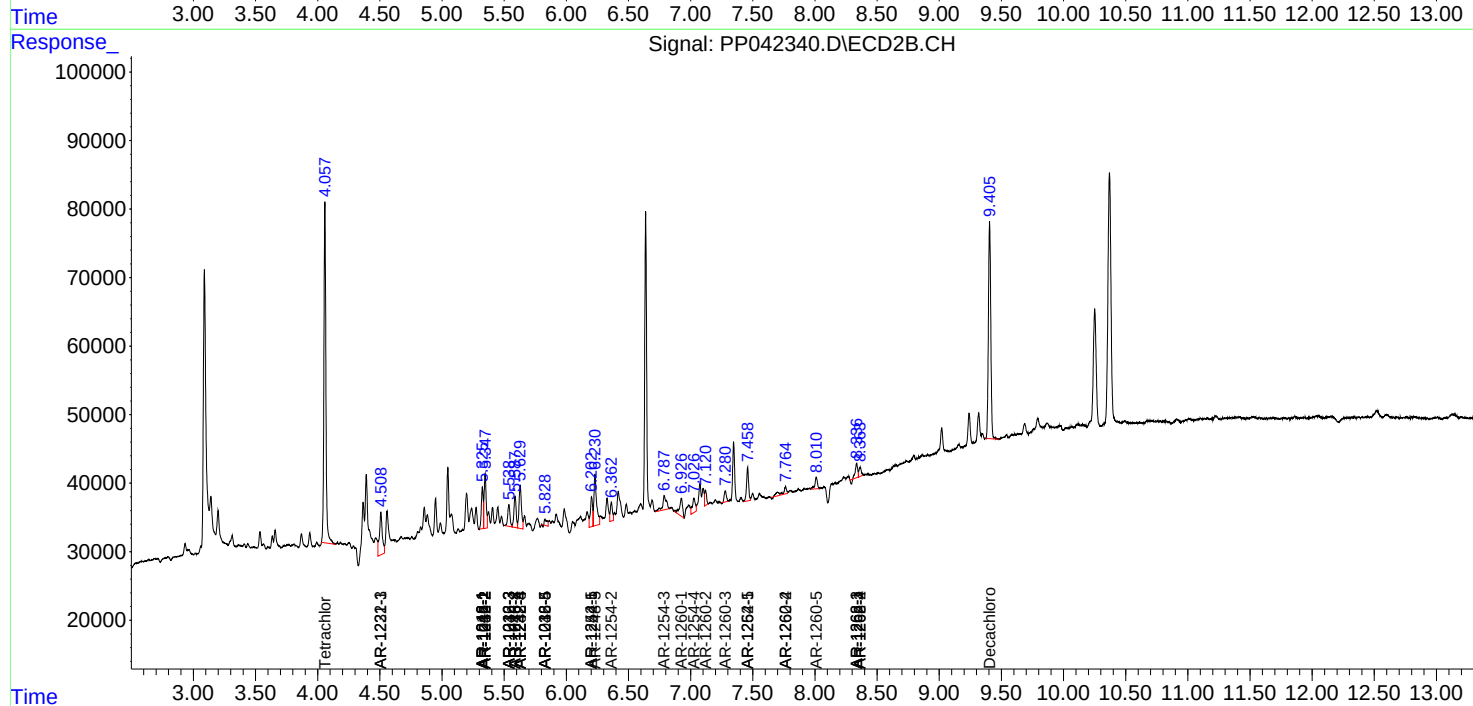
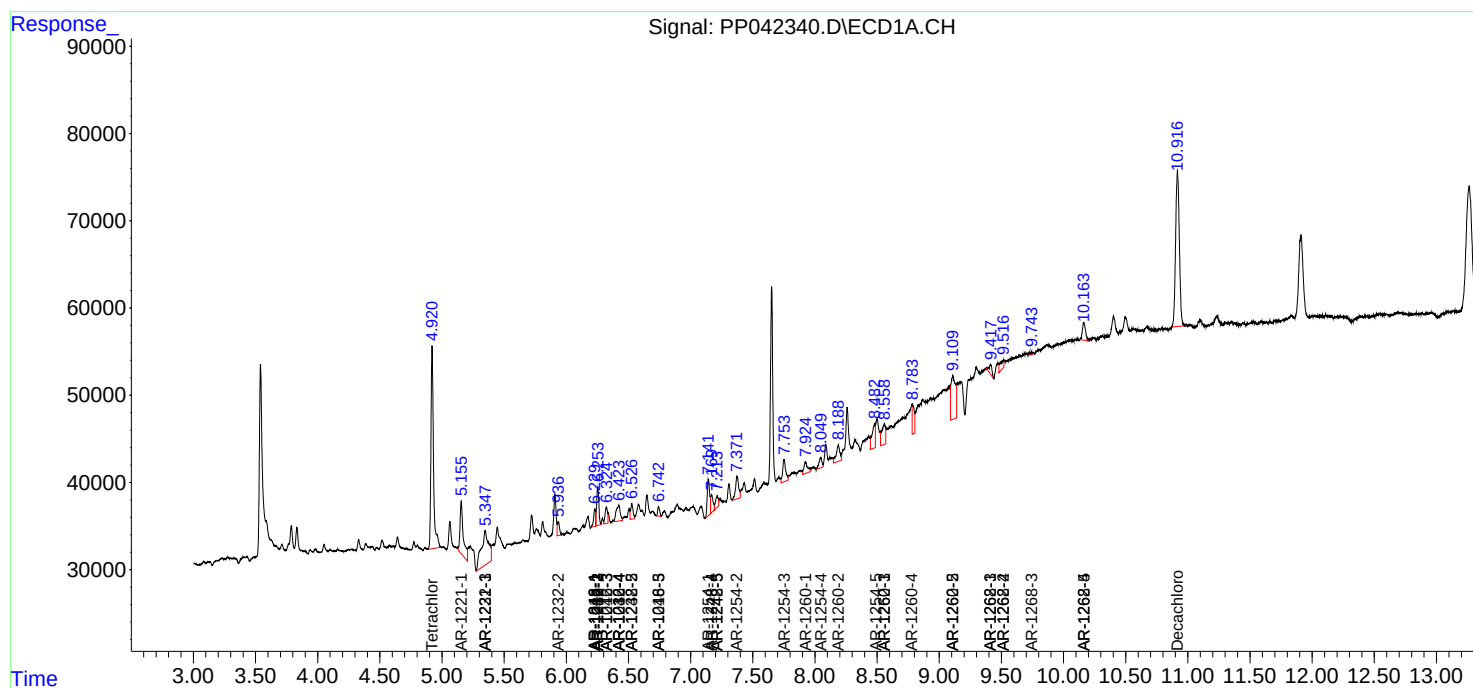
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

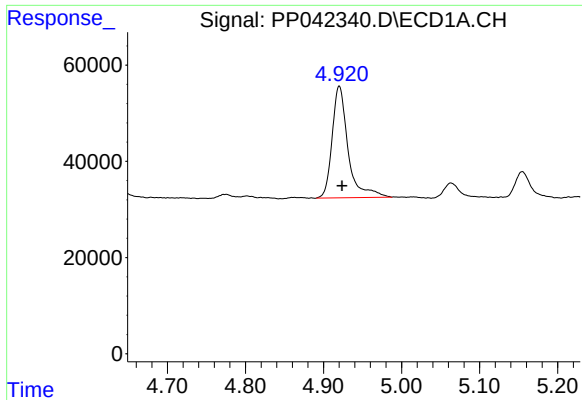
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP122921\
Data File : PP042340.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
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Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

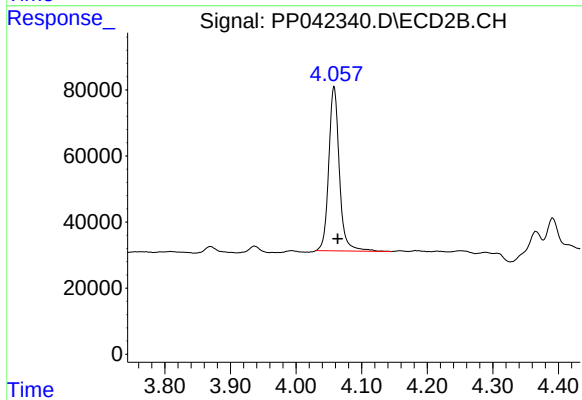




#1 Tetrachloro-m-xylene

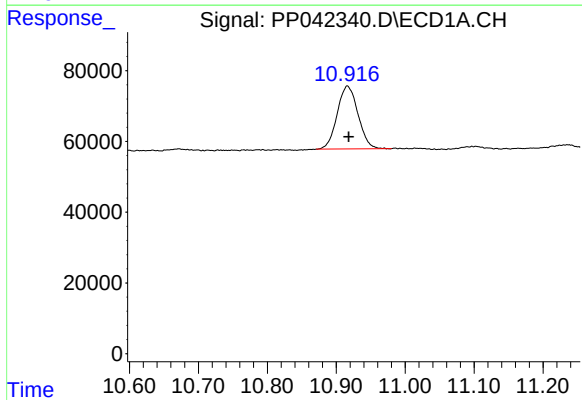
R.T.: 4.920 min
Delta R.T.: -0.004 min
Response: 329846
Conc: 25.12 ng/ml

Instrument :
ECD_P
ClientSampleId :



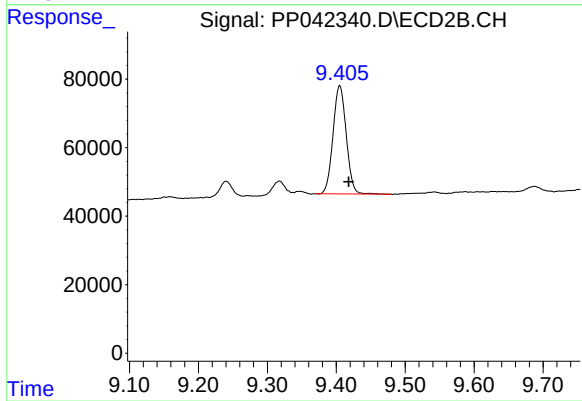
#1 Tetrachloro-m-xylene

R.T.: 4.058 min
Delta R.T.: -0.006 min
Response: 559825
Conc: 24.51 ng/ml



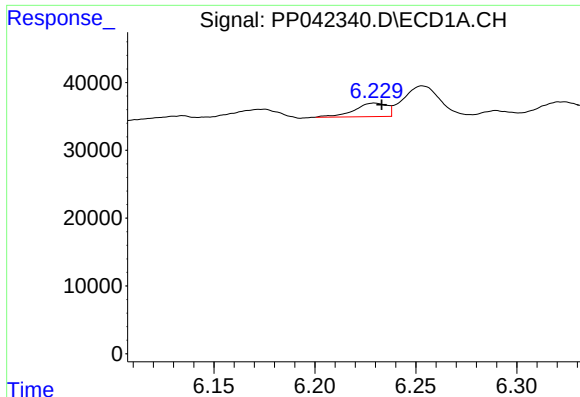
#2 Decachlorobiphenyl

R.T.: 10.916 min
Delta R.T.: -0.002 min
Response: 372267
Conc: 30.56 ng/ml



#2 Decachlorobiphenyl

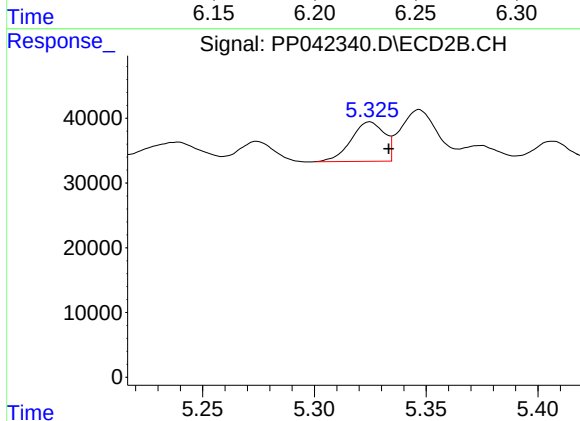
R.T.: 9.405 min
Delta R.T.: -0.013 min
Response: 420726
Conc: 26.02 ng/ml



#3 AR-1016-1

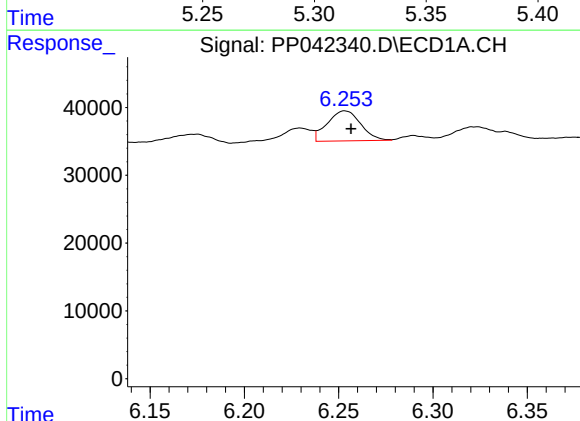
R.T.: 6.230 min
Delta R.T.: -0.004 min
Response: 22190
Conc: 49.92 ng/ml

Instrument :
ECD_P
ClientSampleId :



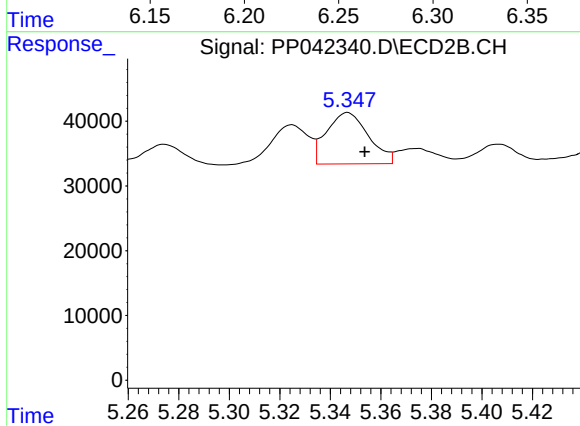
#3 AR-1016-1

R.T.: 5.325 min
Delta R.T.: -0.008 min
Response: 63183
Conc: 68.92 ng/ml



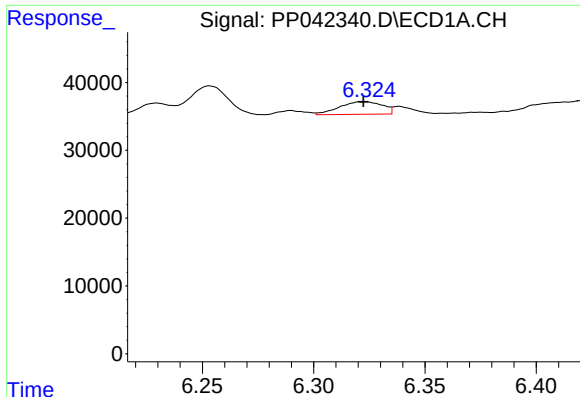
#4 AR-1016-2

R.T.: 6.253 min
Delta R.T.: -0.003 min
Response: 54644
Conc: 82.61 ng/ml



#4 AR-1016-2

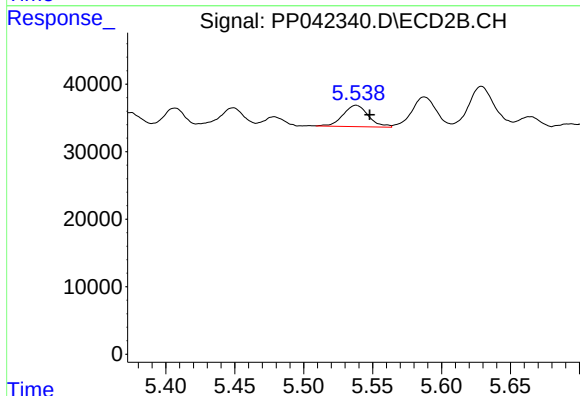
R.T.: 5.347 min
Delta R.T.: -0.007 min
Response: 91142
Conc: 72.34 ng/ml



#5 AR-1016-3

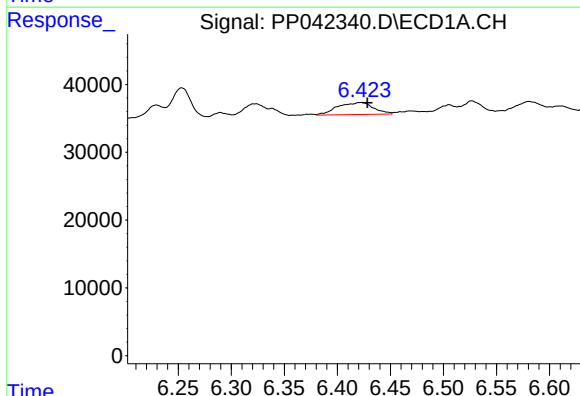
R.T.: 6.324 min
Delta R.T.: 0.001 min
Response: 24802
Conc: 60.81 ng/ml

Instrument :
ECD_P
ClientSampleId :



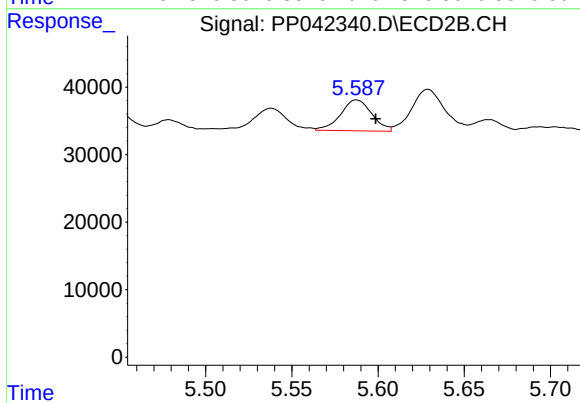
#5 AR-1016-3

R.T.: 5.538 min
Delta R.T.: -0.010 min
Response: 40505
Conc: 57.68 ng/ml



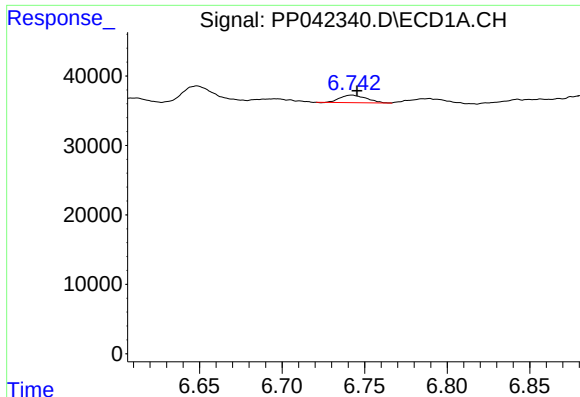
#6 AR-1016-4

R.T.: 6.423 min
Delta R.T.: -0.005 min
Response: 41820
Conc: 128.37 ng/ml



#6 AR-1016-4

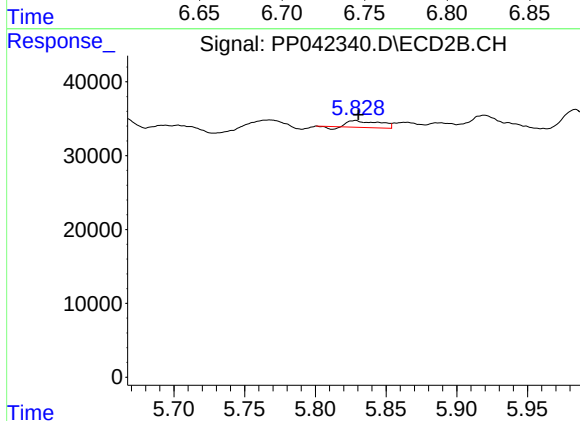
R.T.: 5.588 min
Delta R.T.: -0.011 min
Response: 57708
Conc: 106.27 ng/ml



#7 AR-1016-5

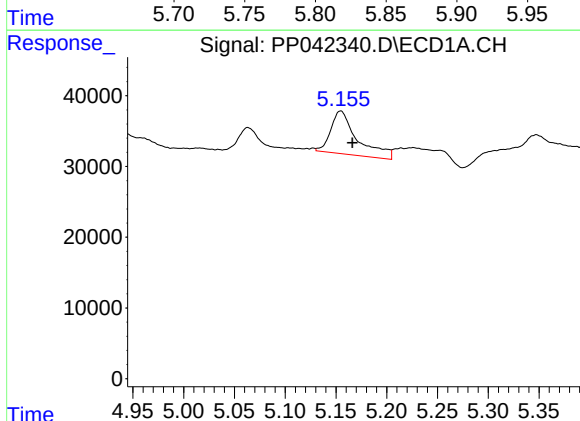
R.T.: 6.742 min
Delta R.T.: -0.003 min
Response: 12101
Conc: 35.26 ng/ml

Instrument :
ECD_P
ClientSampleId :



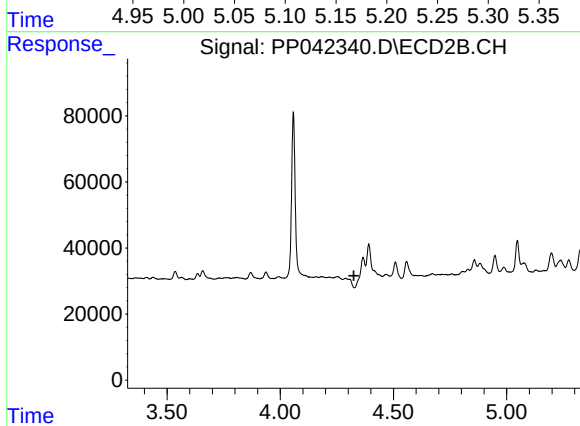
#7 AR-1016-5

R.T.: 5.828 min
Delta R.T.: -0.002 min
Response: 12888
Conc: 19.77 ng/ml



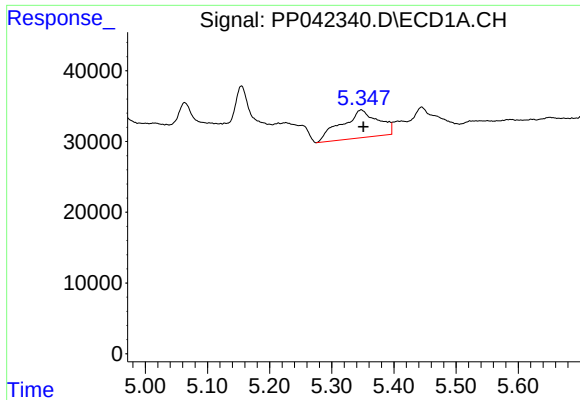
#8 AR-1221-1

R.T.: 5.155 min
Delta R.T.: -0.011 min
Response: 110300
Conc: 696.08 ng/ml



#8 AR-1221-1

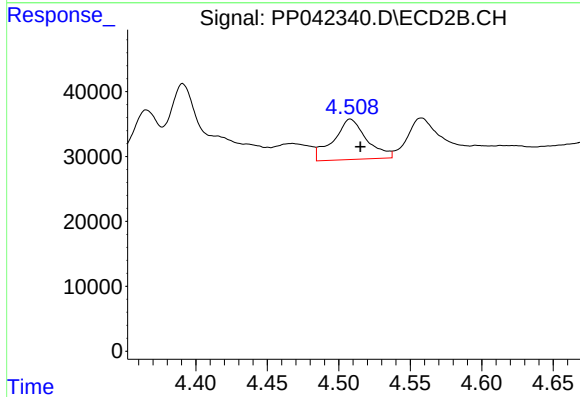
R.T.: 0.000 min
Exp R.T. : 4.325 min
Response: 0
Conc: N.D.



#10 AR-1221-3

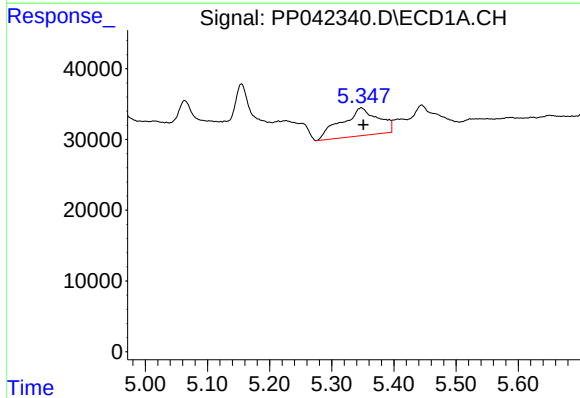
R.T.: 5.348 min
Delta R.T.: -0.003 min
Response: 160838
Conc: 459.78 ng/ml

Instrument :
ECD_P
ClientSampleId :



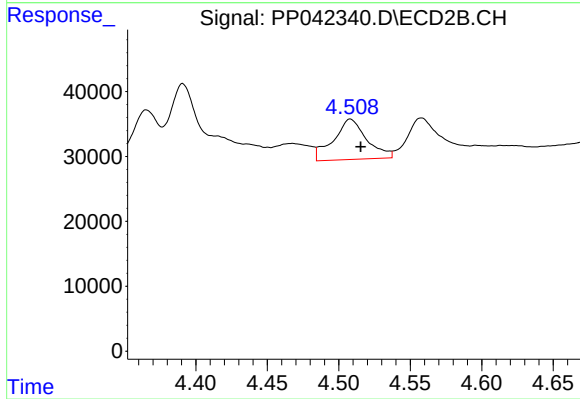
#10 AR-1221-3

R.T.: 4.508 min
Delta R.T.: -0.007 min
Response: 100604
Conc: 144.64 ng/ml



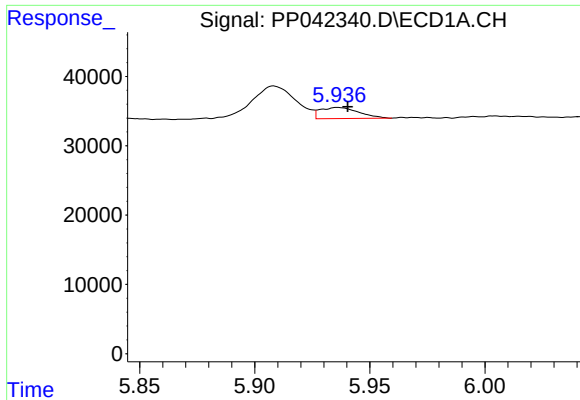
#11 AR-1232-1

R.T.: 5.348 min
Delta R.T.: -0.004 min
Response: 160838
Conc: 556.81 ng/ml



#11 AR-1232-1

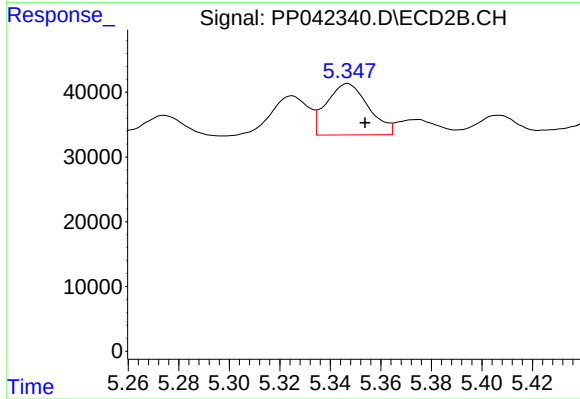
R.T.: 4.508 min
Delta R.T.: -0.007 min
Response: 100604
Conc: 172.07 ng/ml



#12 AR-1232-2

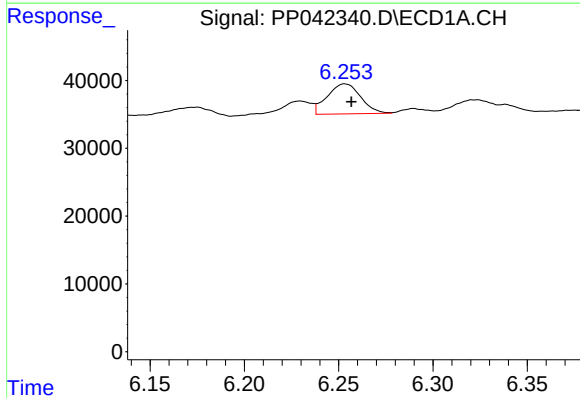
R.T.: 5.936 min
Delta R.T.: -0.004 min
Response: 18740
Conc: 126.41 ng/ml

Instrument :
ECD_P
ClientSampleId :



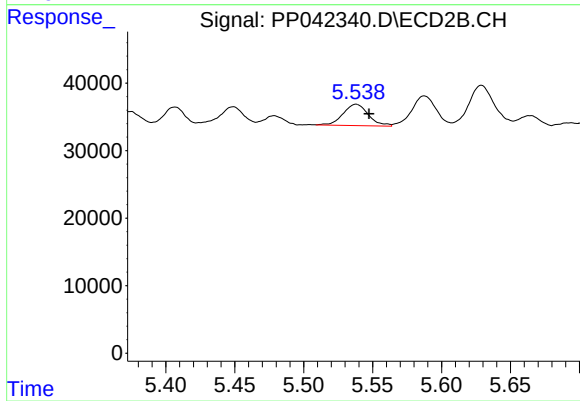
#12 AR-1232-2

R.T.: 5.347 min
Delta R.T.: -0.007 min
Response: 91142
Conc: 171.28 ng/ml



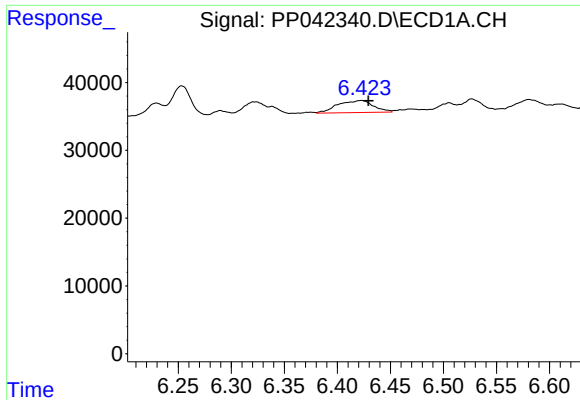
#13 AR-1232-3

R.T.: 6.253 min
Delta R.T.: -0.004 min
Response: 54644
Conc: 208.85 ng/ml



#13 AR-1232-3

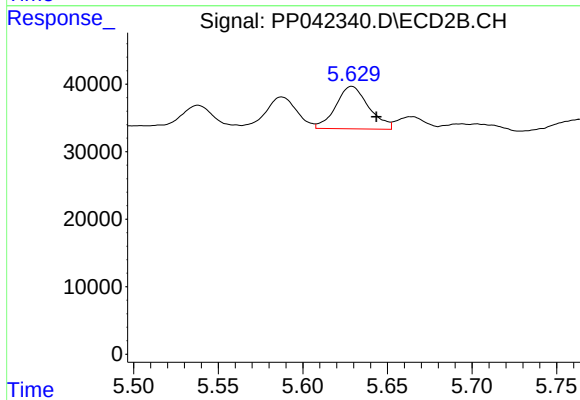
R.T.: 5.538 min
Delta R.T.: -0.009 min
Response: 40505
Conc: 141.51 ng/ml



#14 AR-1232-4

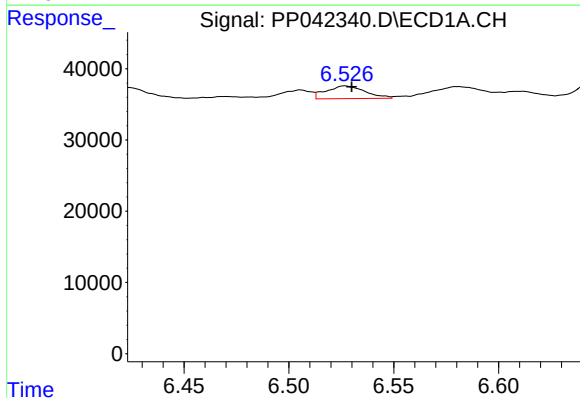
R.T.: 6.423 min
Delta R.T.: -0.006 min
Response: 41820
Conc: 319.07 ng/ml

Instrument :
ECD_P
ClientSampleId :



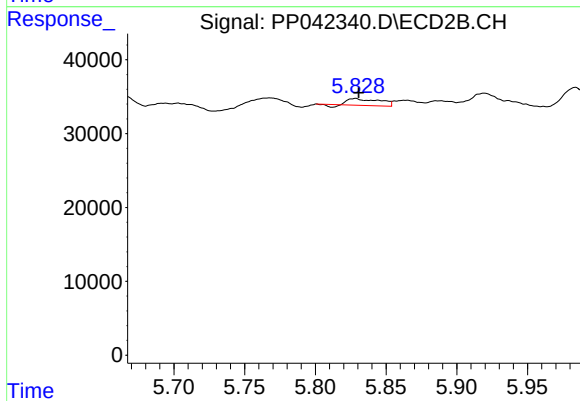
#14 AR-1232-4

R.T.: 5.629 min
Delta R.T.: -0.014 min
Response: 85281
Conc: 353.57 ng/ml



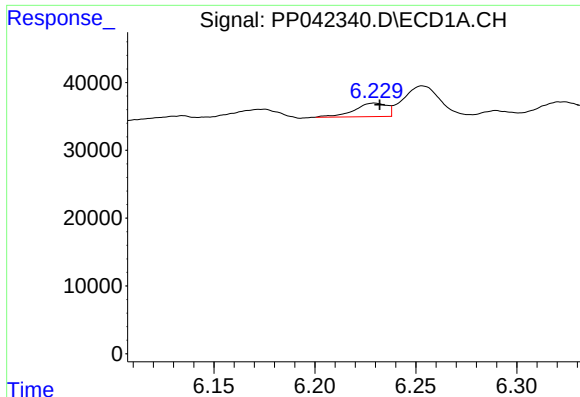
#15 AR-1232-5

R.T.: 6.527 min
Delta R.T.: -0.003 min
Response: 23066
Conc: 223.53 ng/ml



#15 AR-1232-5

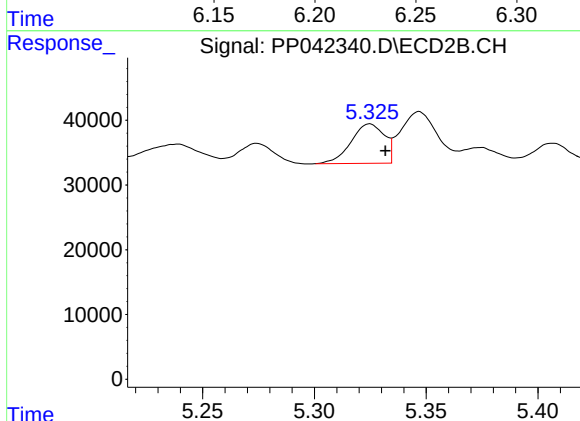
R.T.: 5.828 min
Delta R.T.: -0.002 min
Response: 12888
Conc: 53.08 ng/ml



#16 AR-1242-1

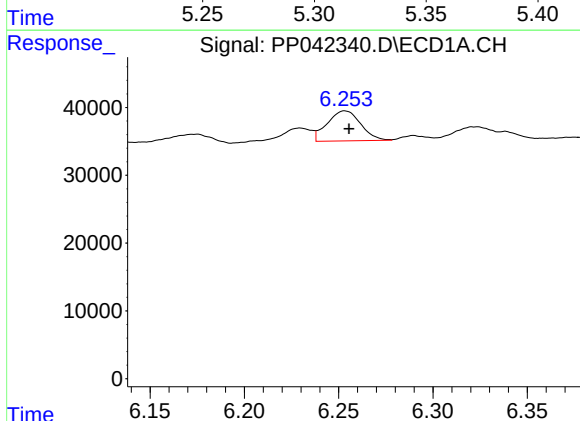
R.T.: 6.230 min
Delta R.T.: -0.002 min
Response: 22190
Conc: 68.05 ng/ml

Instrument :
ECD_P
ClientSampleId :



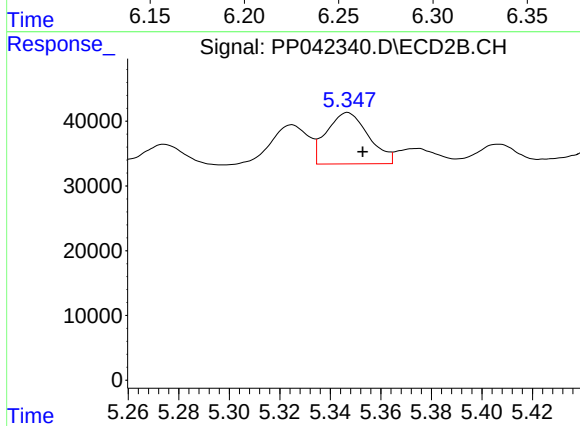
#16 AR-1242-1

R.T.: 5.325 min
Delta R.T.: -0.007 min
Response: 63183
Conc: 92.79 ng/ml



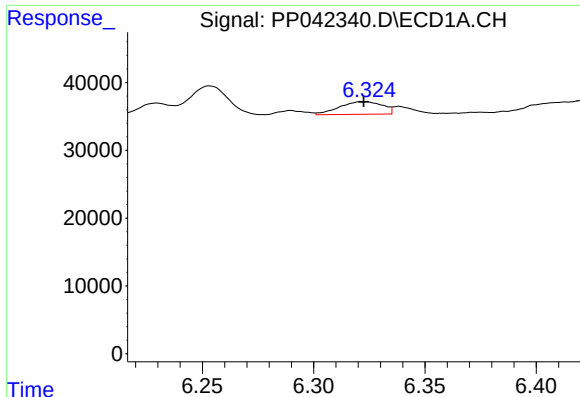
#17 AR-1242-2

R.T.: 6.253 min
Delta R.T.: -0.002 min
Response: 54644
Conc: 114.49 ng/ml



#17 AR-1242-2

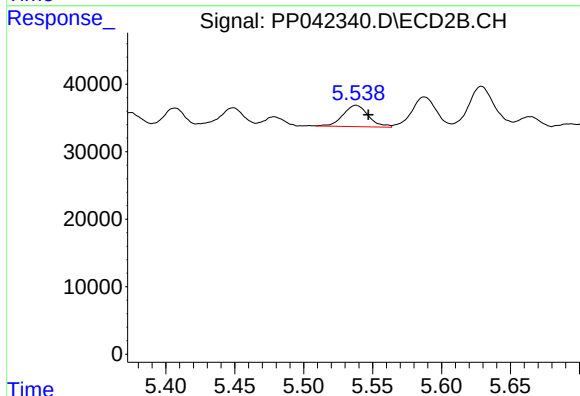
R.T.: 5.347 min
Delta R.T.: -0.006 min
Response: 91142
Conc: 97.86 ng/ml



#18 AR-1242-3

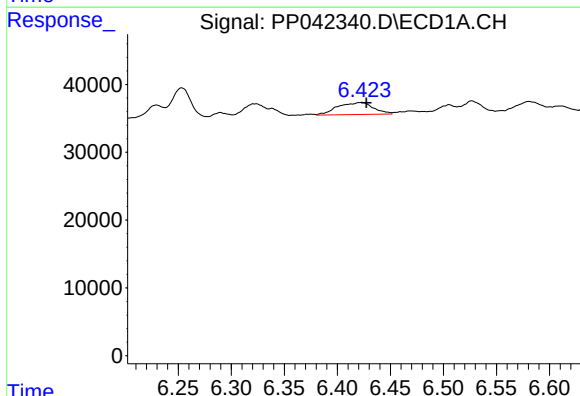
R.T.: 6.324 min
Delta R.T.: 0.001 min
Response: 24802
Conc: 82.81 ng/ml

Instrument :
ECD_P
ClientSampleId :



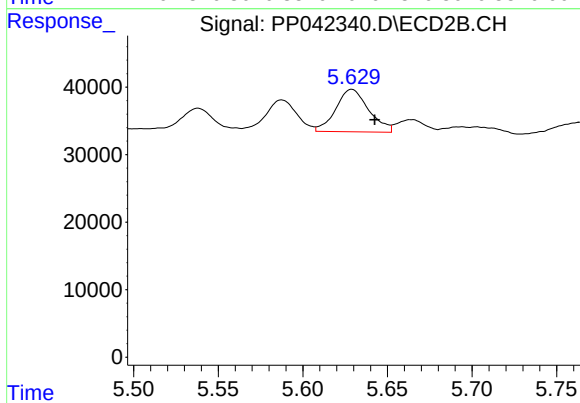
#18 AR-1242-3

R.T.: 5.538 min
Delta R.T.: -0.009 min
Response: 40505
Conc: 76.65 ng/ml



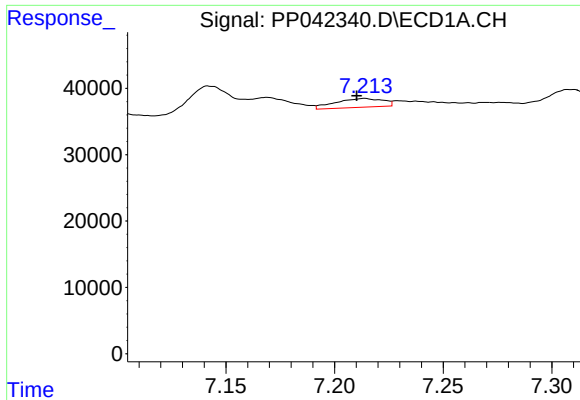
#19 AR-1242-4

R.T.: 6.423 min
Delta R.T.: -0.004 min
Response: 41820
Conc: 170.69 ng/ml



#19 AR-1242-4

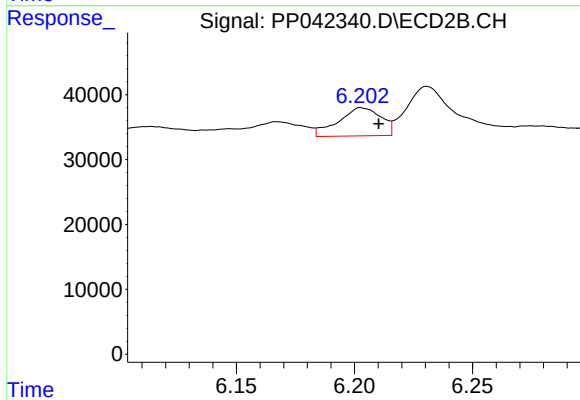
R.T.: 5.629 min
Delta R.T.: -0.014 min
Response: 85281
Conc: 168.55 ng/ml



#20 AR-1242-5

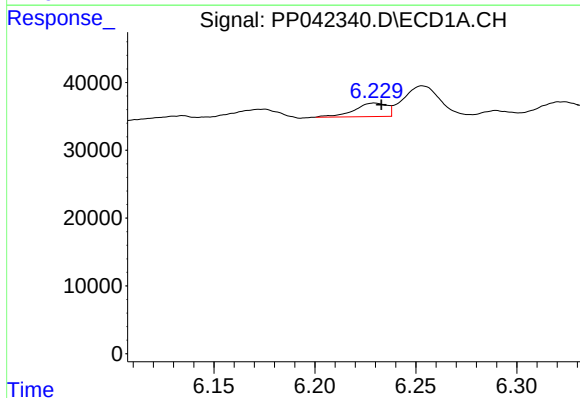
R.T.: 7.214 min
Delta R.T.: 0.004 min
Response: 20319
Conc: 78.12 ng/ml

Instrument :
ECD_P
ClientSampleId :



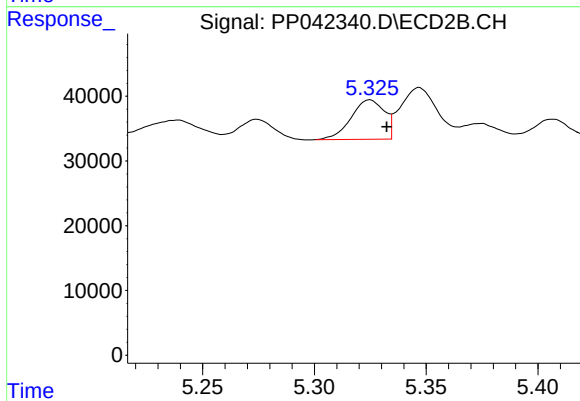
#20 AR-1242-5

R.T.: 6.203 min
Delta R.T.: -0.007 min
Response: 54481
Conc: 91.90 ng/ml



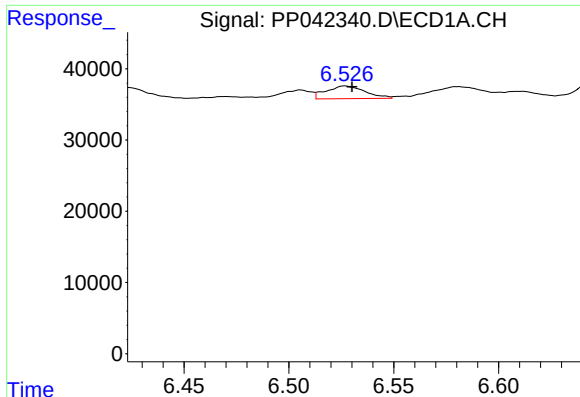
#21 AR-1248-1

R.T.: 6.230 min
Delta R.T.: -0.003 min
Response: 22190
Conc: 88.63 ng/ml



#21 AR-1248-1

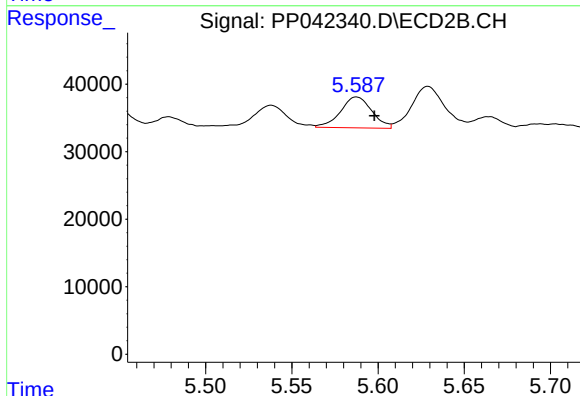
R.T.: 5.325 min
Delta R.T.: -0.008 min
Response: 63183
Conc: 121.62 ng/ml



#22 AR-1248-2

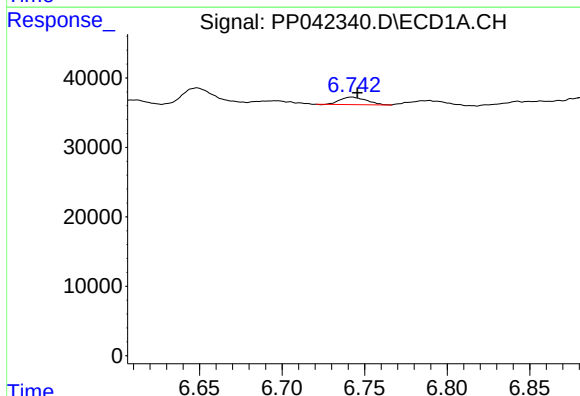
R.T.: 6.527 min
Delta R.T.: -0.003 min
Response: 23066
Conc: 65.31 ng/ml

Instrument :
ECD_P
ClientSampleId :



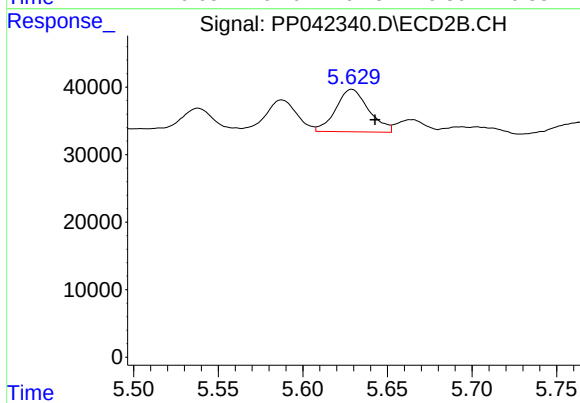
#22 AR-1248-2

R.T.: 5.588 min
Delta R.T.: -0.010 min
Response: 57708
Conc: 81.95 ng/ml



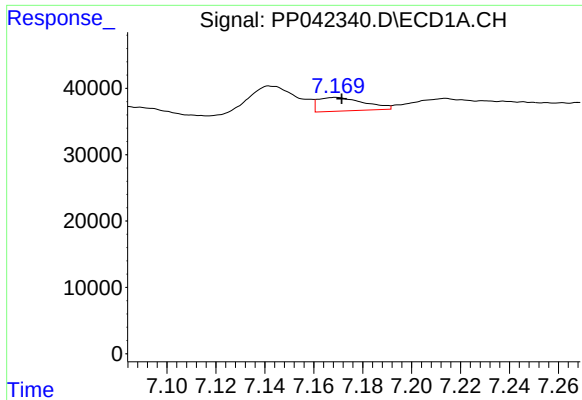
#23 AR-1248-3

R.T.: 6.742 min
Delta R.T.: -0.003 min
Response: 12101
Conc: 28.77 ng/ml



#23 AR-1248-3

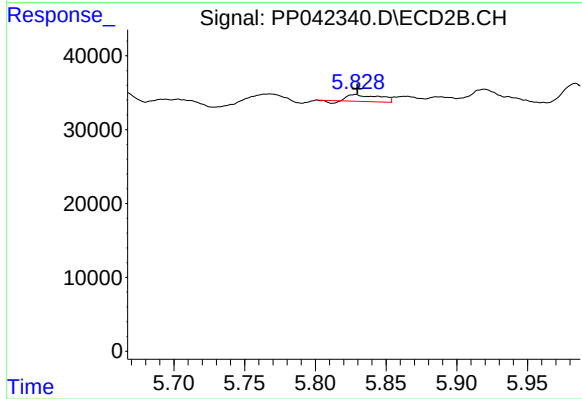
R.T.: 5.629 min
Delta R.T.: -0.014 min
Response: 85281
Conc: 114.93 ng/ml



#24 AR-1248-4

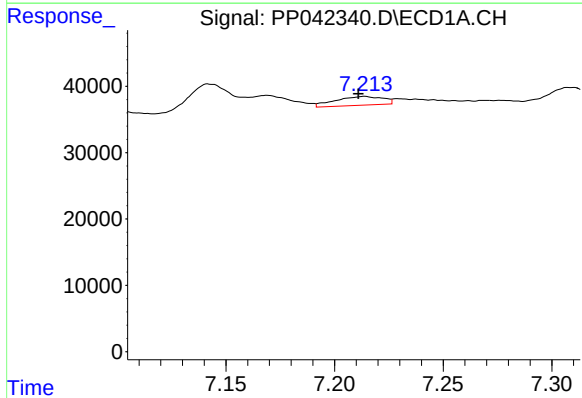
R.T.: 7.169 min
Delta R.T.: -0.002 min
Response: 26828
Conc: 59.17 ng/ml

Instrument :
ECD_P
ClientSampleId :



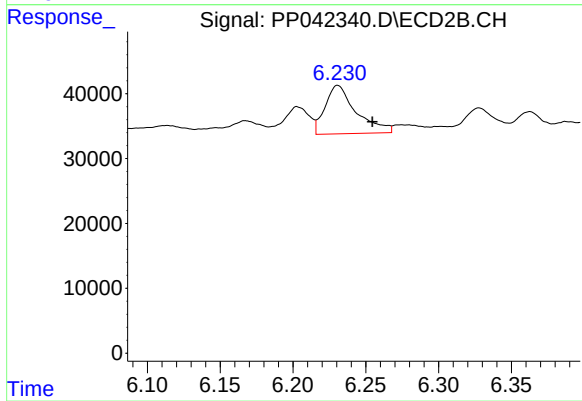
#24 AR-1248-4

R.T.: 5.828 min
Delta R.T.: -0.001 min
Response: 12888
Conc: 15.31 ng/ml



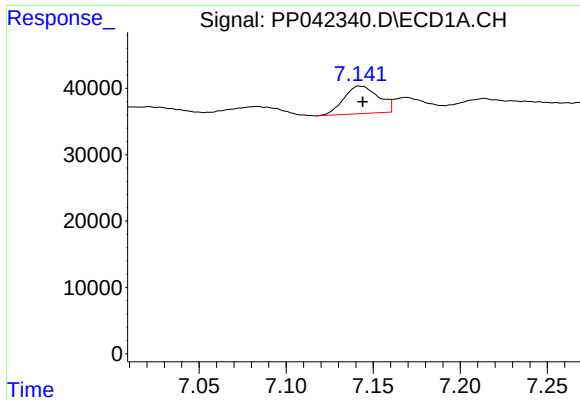
#25 AR-1248-5

R.T.: 7.214 min
Delta R.T.: 0.003 min
Response: 20319
Conc: 45.57 ng/ml



#25 AR-1248-5

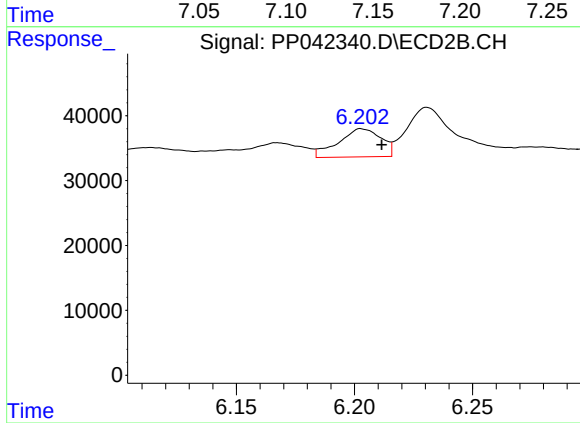
R.T.: 6.231 min
Delta R.T.: -0.024 min
Response: 111267
Conc: 134.33 ng/ml



#26 AR-1254-1

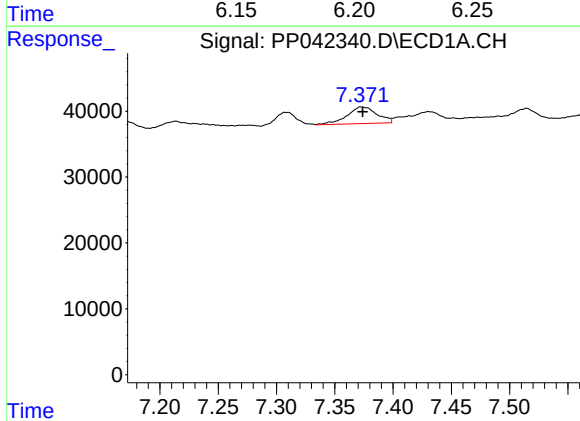
R.T.: 7.142 min
Delta R.T.: -0.002 min
Response: 57366
Conc: 115.07 ng/ml

Instrument :
ECD_P
ClientSampleId :



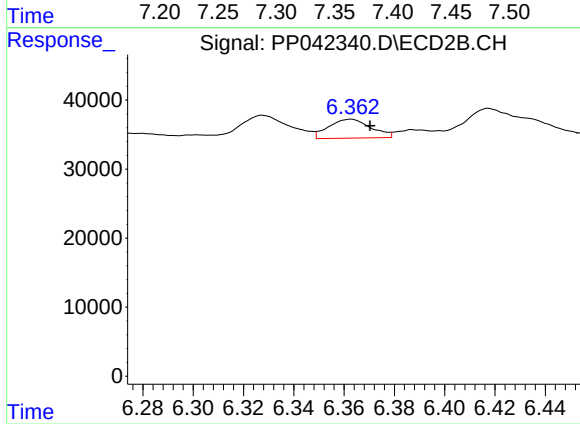
#26 AR-1254-1

R.T.: 6.203 min
Delta R.T.: -0.008 min
Response: 54481
Conc: 43.56 ng/ml



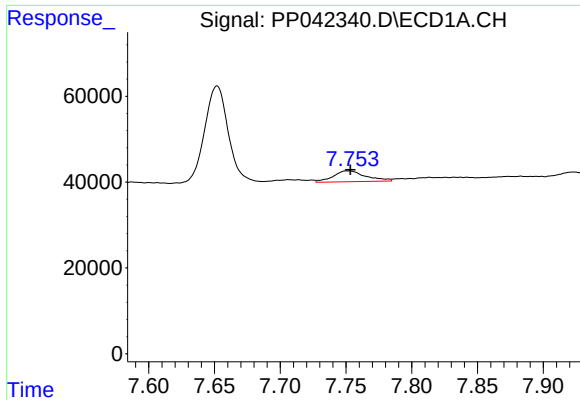
#27 AR-1254-2

R.T.: 7.372 min
Delta R.T.: -0.002 min
Response: 45253
Conc: 59.03 ng/ml



#27 AR-1254-2

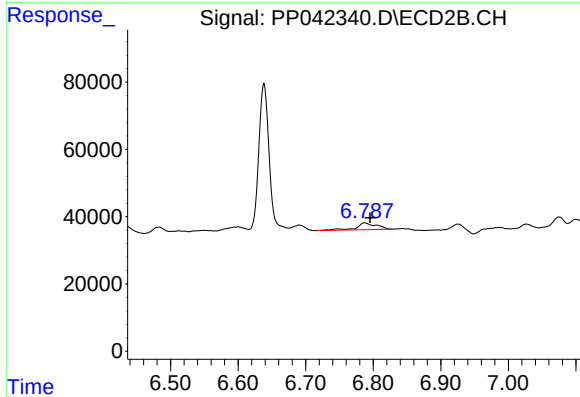
R.T.: 6.363 min
Delta R.T.: -0.008 min
Response: 31995
Conc: 29.40 ng/ml



#28 AR-1254-3

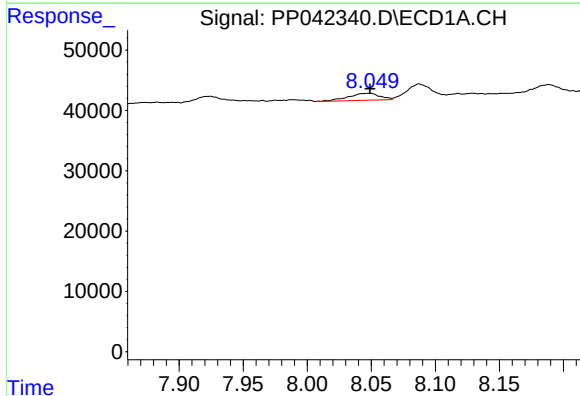
R.T.: 7.753 min
Delta R.T.: 0.000 min
Response: 44109
Conc: 57.17 ng/ml

Instrument :
ECD_P
ClientSampleId :



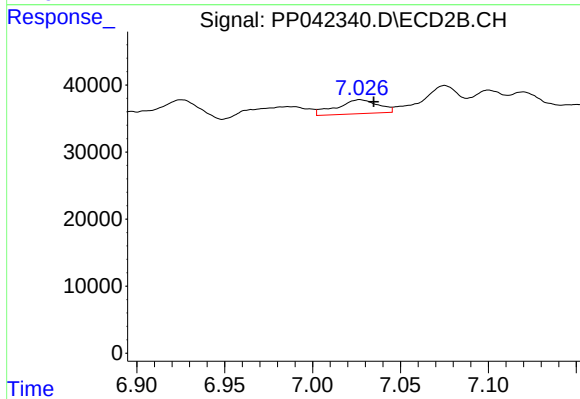
#28 AR-1254-3

R.T.: 6.787 min
Delta R.T.: -0.008 min
Response: 43898
Conc: 26.42 ng/ml



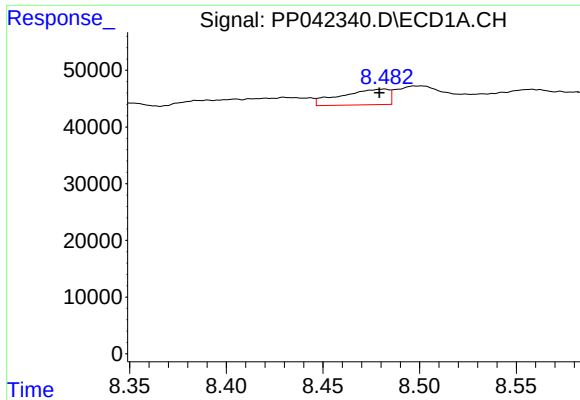
#29 AR-1254-4

R.T.: 8.049 min
Delta R.T.: 0.000 min
Response: 19705
Conc: 35.42 ng/ml



#29 AR-1254-4

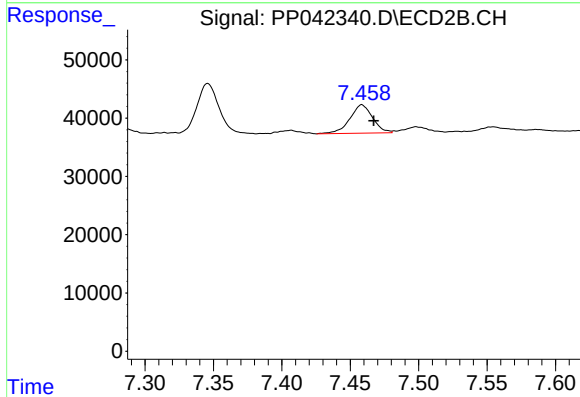
R.T.: 7.027 min
Delta R.T.: -0.008 min
Response: 34351
Conc: 35.21 ng/ml



#30 AR-1254-5

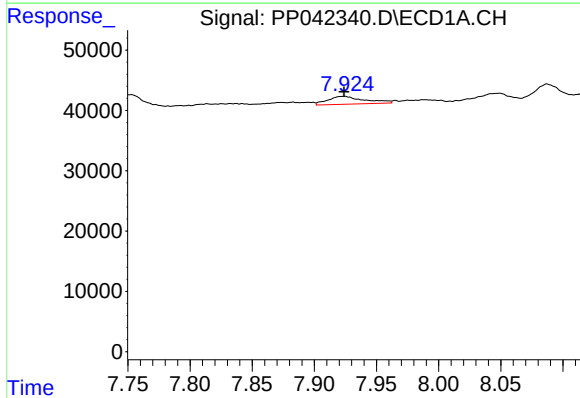
R.T.: 8.482 min
Delta R.T.: 0.003 min
Response: 47592
Conc: 76.00 ng/ml

Instrument :
ECD_P
ClientSampleId :



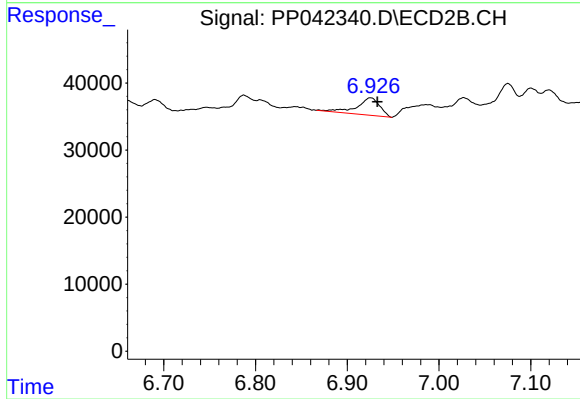
#30 AR-1254-5

R.T.: 7.459 min
Delta R.T.: -0.009 min
Response: 56657
Conc: 44.21 ng/ml



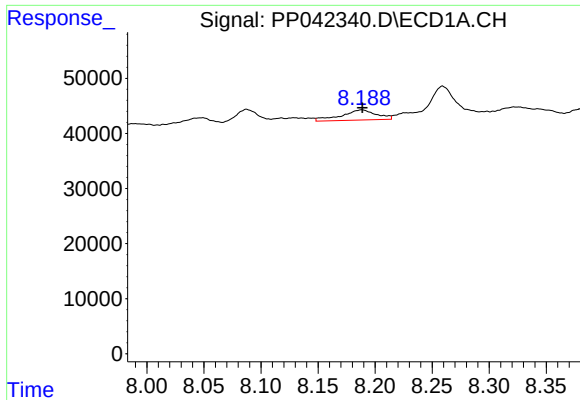
#31 AR-1260-1

R.T.: 7.924 min
Delta R.T.: 0.000 min
Response: 26634
Conc: 44.94 ng/ml



#31 AR-1260-1

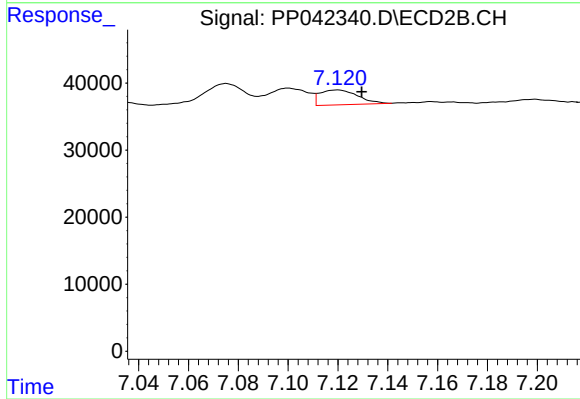
R.T.: 6.926 min
Delta R.T.: -0.008 min
Response: 45291
Conc: 42.62 ng/ml



#32 AR-1260-2

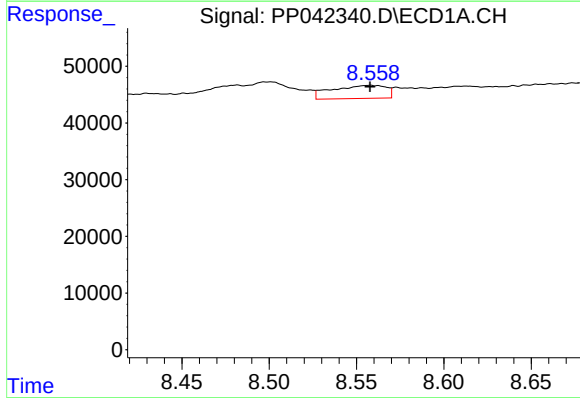
R.T.: 8.188 min
Delta R.T.: 0.000 min
Response: 39981
Conc: 51.78 ng/ml

Instrument :
ECD_P
ClientSampleId :



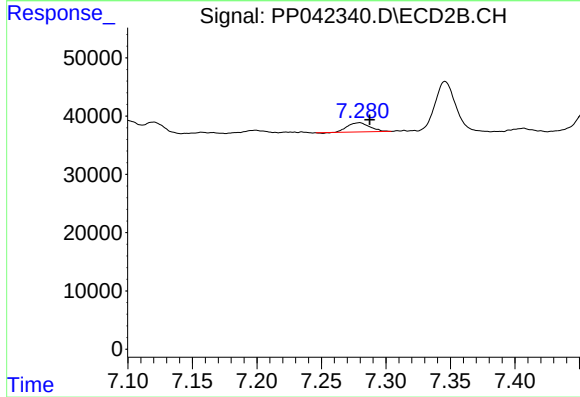
#32 AR-1260-2

R.T.: 7.120 min
Delta R.T.: -0.010 min
Response: 23422
Conc: 18.97 ng/ml



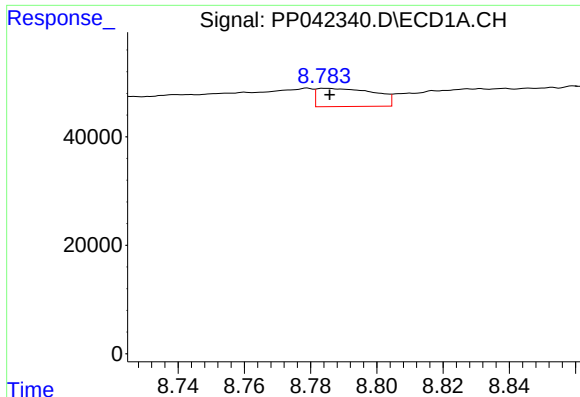
#33 AR-1260-3

R.T.: 8.558 min
Delta R.T.: 0.000 min
Response: 49722
Conc: 96.12 ng/ml



#33 AR-1260-3

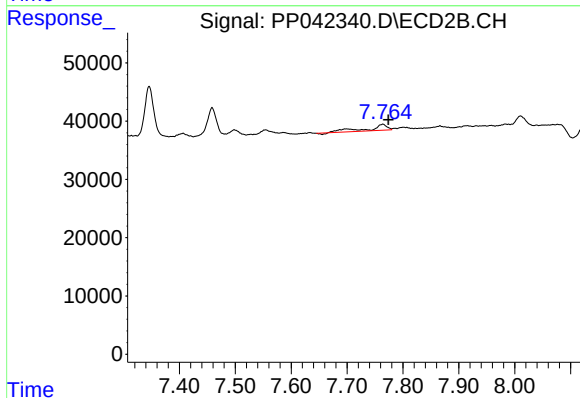
R.T.: 7.279 min
Delta R.T.: -0.008 min
Response: 18938
Conc: 14.13 ng/ml



#34 AR-1260-4

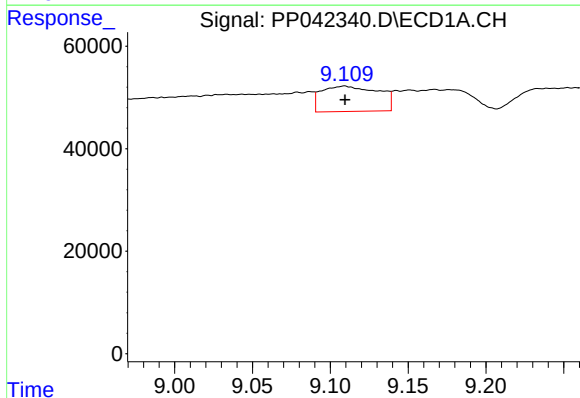
R.T.: 8.784 min
Delta R.T.: -0.001 min
Response: 40717
Conc: 70.32 ng/ml

Instrument :
ECD_P
ClientSampleId :



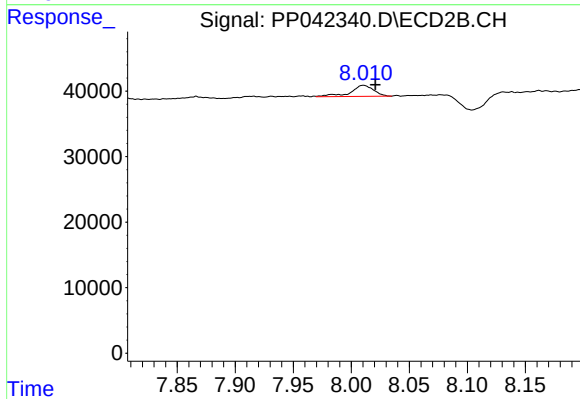
#34 AR-1260-4

R.T.: 7.764 min
Delta R.T.: -0.010 min
Response: 23953
Conc: 26.82 ng/ml



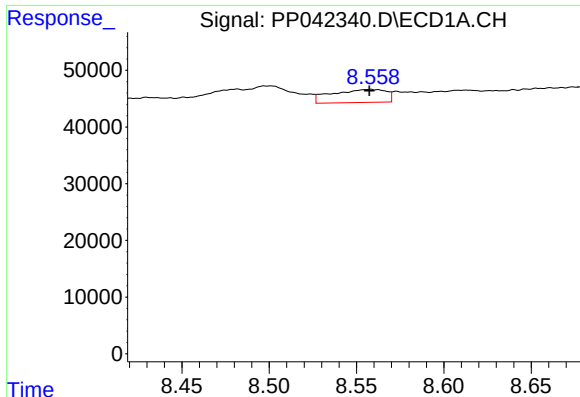
#35 AR-1260-5

R.T.: 9.109 min
Delta R.T.: 0.000 min
Response: 126285
Conc: 107.93 ng/ml



#35 AR-1260-5

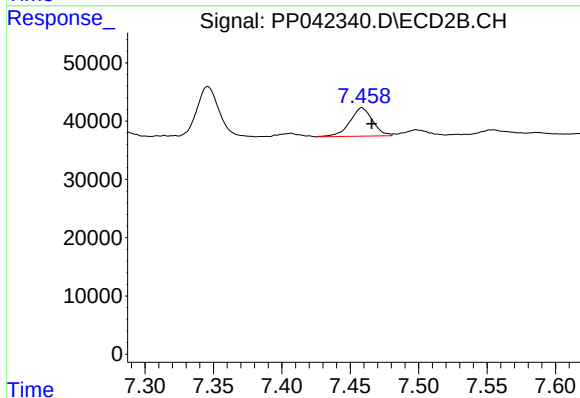
R.T.: 8.011 min
Delta R.T.: -0.010 min
Response: 23591
Conc: 12.26 ng/ml



#36 AR-1262-1

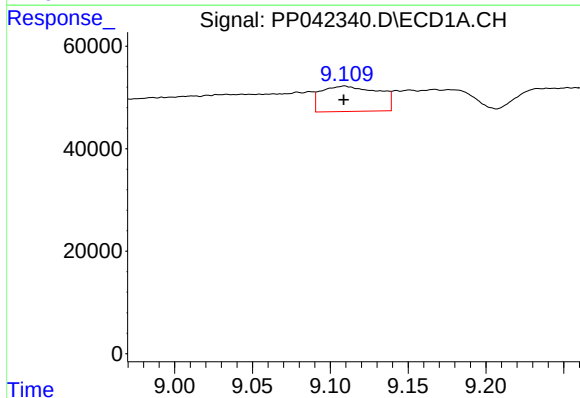
R.T.: 8.558 min
Delta R.T.: 0.000 min
Response: 49722
Conc: 64.79 ng/ml

Instrument :
ECD_P
ClientSampleId :



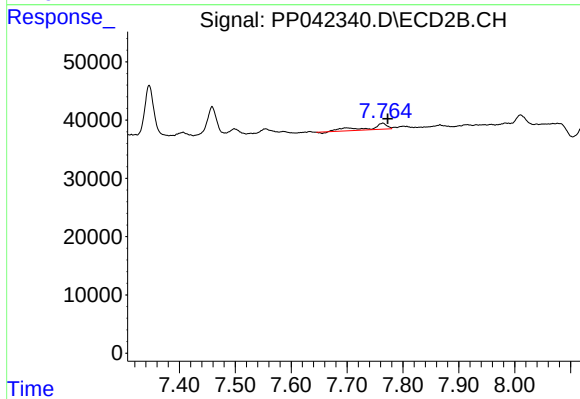
#36 AR-1262-1

R.T.: 7.459 min
Delta R.T.: -0.007 min
Response: 56657
Conc: 85.15 ng/ml



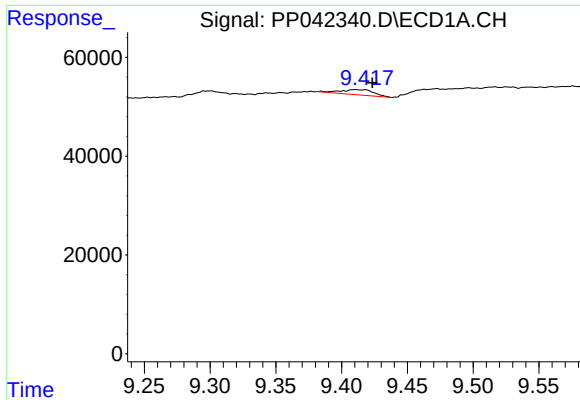
#37 AR-1262-2

R.T.: 9.109 min
Delta R.T.: 0.000 min
Response: 126285
Conc: 103.03 ng/ml



#37 AR-1262-2

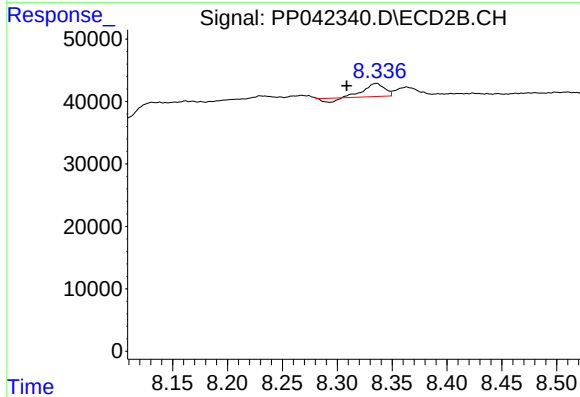
R.T.: 7.764 min
Delta R.T.: -0.009 min
Response: 23953
Conc: 22.08 ng/ml



#38 AR-1262-3

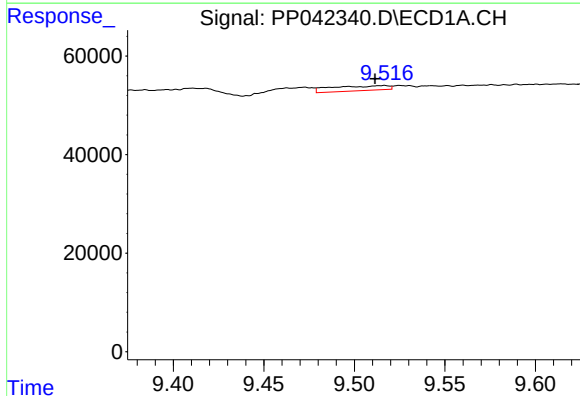
R.T.: 9.411 min
Delta R.T.: -0.013 min
Response: 18628
Conc: 37.90 ng/ml

Instrument :
ECD_P
ClientSampleId :



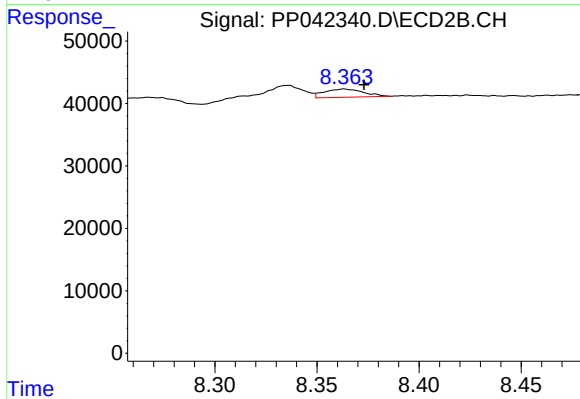
#38 AR-1262-3

R.T.: 8.336 min
Delta R.T.: 0.027 min
Response: 24229
Conc: 31.80 ng/ml



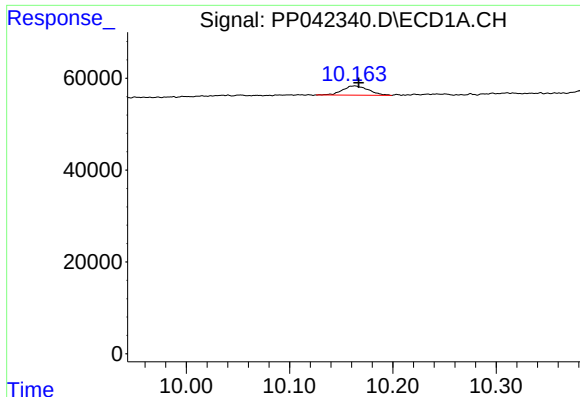
#39 AR-1262-4

R.T.: 9.516 min
Delta R.T.: 0.005 min
Response: 21397
Conc: 58.06 ng/ml



#39 AR-1262-4

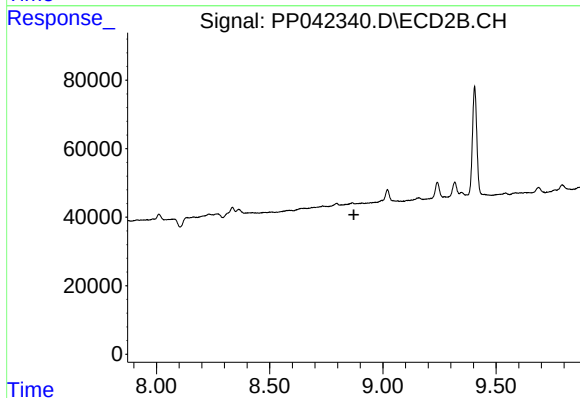
R.T.: 8.363 min
Delta R.T.: -0.010 min
Response: 17708
Conc: 11.62 ng/ml



#40 AR-1262-5

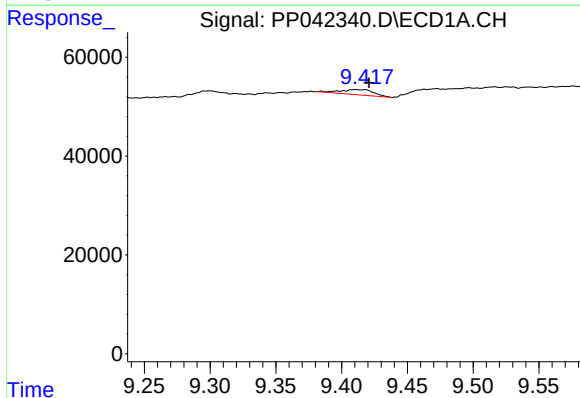
R.T.: 10.163 min
Delta R.T.: -0.004 min
Response: 35447
Conc: 77.39 ng/ml

Instrument :
ECD_P
ClientSampleId :



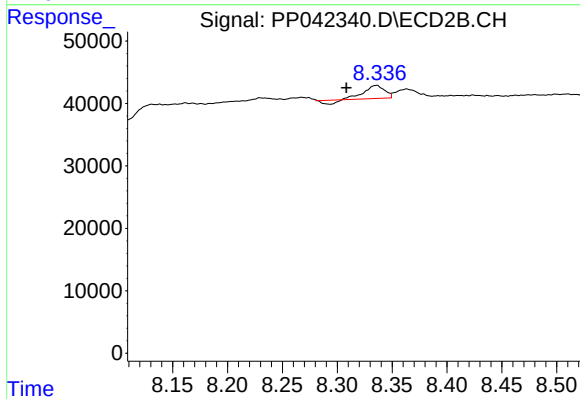
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 8.872 min
Response: 0
Conc: N.D.



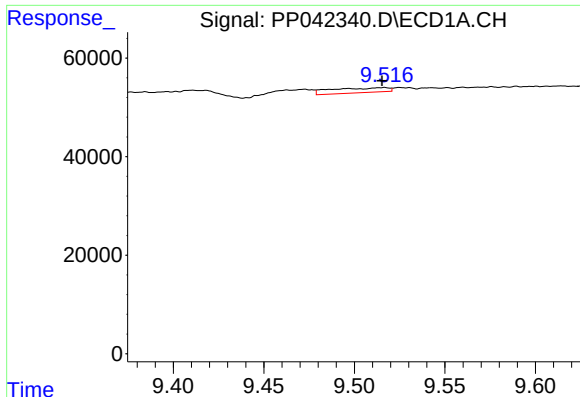
#41 AR-1268-1

R.T.: 9.411 min
Delta R.T.: -0.010 min
Response: 18628
Conc: 12.29 ng/ml



#41 AR-1268-1

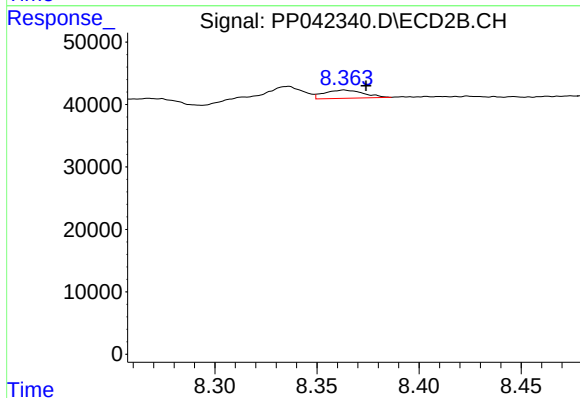
R.T.: 8.336 min
Delta R.T.: 0.027 min
Response: 24229
Conc: 10.71 ng/ml



#42 AR-1268-2

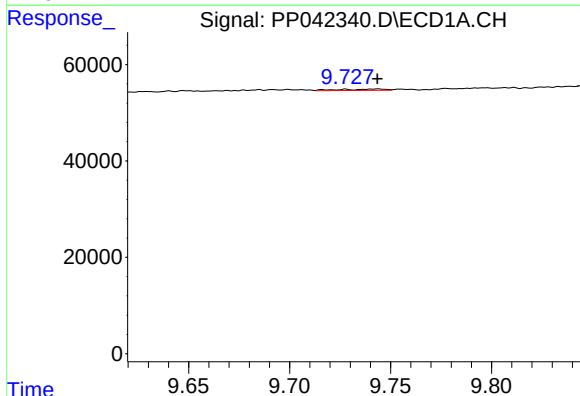
R.T.: 9.516 min
Delta R.T.: 0.000 min
Response: 21397
Conc: 15.08 ng/ml

Instrument :
ECD_P
ClientSampleId :



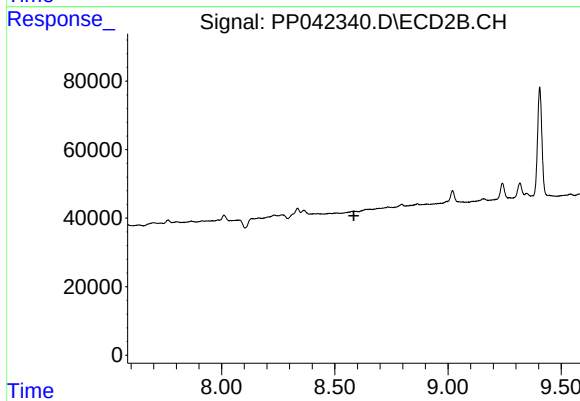
#42 AR-1268-2

R.T.: 8.363 min
Delta R.T.: -0.011 min
Response: 17708
Conc: 8.11 ng/ml



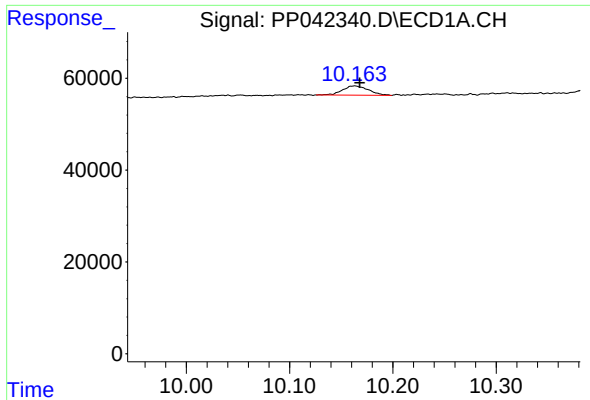
#43 AR-1268-3

R.T.: 9.744 min
Delta R.T.: 0.000 min
Response: 4321
Conc: 3.36 ng/ml



#43 AR-1268-3

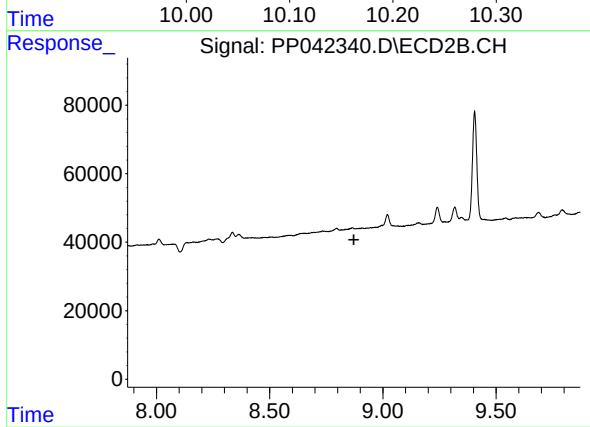
R.T.: 0.000 min
Exp R.T. : 8.584 min
Response: 0
Conc: N.D.



#44 AR-1268-4

R.T.: 10.163 min
Delta R.T.: -0.005 min
Response: 35447
Conc: 68.40 ng/ml

Instrument :
ECD_P
ClientSampleId :



#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 8.872 min
Response: 0
Conc: N.D.