

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP101821\
 Data File : PP040145.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 18 Oct 2021 13:53
 Operator : AJ\MA
 Sample : M4251-07
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 RR-54

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 18 14:09:51 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP101221.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Oct 13 08:03:59 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...	4.893	3.981	565668	324380	18.627	19.187
2)	SA Decachlor...	10.915	9.309	495676	420541	20.054	19.815
Target Compounds							
3)	L1 AR-1016-1	0.000	5.232	0	8768	N.D.	13.435 #
4)	L1 AR-1016-2	0.000	5.293f	0	40486	N.D.	44.284 #
5)	L1 AR-1016-3	6.284f	5.486f	414062	19355	475.131	38.257 #
6)	L1 AR-1016-4	0.000	5.486f	0	19355	N.D.	47.270 #
7)	L1 AR-1016-5	6.725	5.736	117763	31973	184.121	63.861 #
8)	L2 AR-1221-1	5.128f	4.221f	533111	86990	1530.801	425.075 #
10)	L2 AR-1221-3	5.350f	4.420	285380	553086	353.989	1021.320 #
11)	L3 AR-1232-1	5.350f	4.420	285380	553086	458.628	1361.746 #
12)	L3 AR-1232-2	5.908	5.293f	1018263	40486	2966.804	103.563 #
13)	L3 AR-1232-3	0.000	5.486f	0	19355	N.D.	93.440 #
14)	L3 AR-1232-4	0.000	5.562	0	45837	N.D.	242.251 #
15)	L3 AR-1232-5	6.508	5.736	221813	31973	945.936	154.863 #
16)	L4 AR-1242-1	0.000	5.232	0	8768	N.D.	17.621 #
17)	L4 AR-1242-2	0.000	5.293f	0	40486	N.D.	59.277 #
18)	L4 AR-1242-3	6.284f	5.486f	414062	19355	595.763	51.299 #
19)	L4 AR-1242-4	0.000	5.562	0	45837	N.D.	123.740 #
20)	L4 AR-1242-5	7.194	6.106f	527398	49797	1008.409	104.403 #
21)	L5 AR-1248-1	0.000	5.232	0	8768	N.D.	22.488 #
22)	L5 AR-1248-2	6.508	5.486f	221813	19355	277.088	36.009 #
23)	L5 AR-1248-3	6.725	5.562	117763	45837	131.337	81.085 #
24)	L5 AR-1248-4	0.000	5.736	0	31973	N.D.	50.031 #
25)	L5 AR-1248-5	7.194	6.157	527398	23150	596.201	37.110 #
26)	L6 AR-1254-1	0.000	6.106f	0	49797	N.D.	51.978 #
27)	L6 AR-1254-2	7.376f	6.311f	161649	11491	116.767	13.020 #
28)	L6 AR-1254-3	7.757f	6.709	364300	36050	255.710	26.442 #
29)	L6 AR-1254-4	0.000	6.964f	0	222823	N.D.	259.785 #
30)	L6 AR-1254-5	8.497f	7.375	269619	125716	230.672	97.393 #
31)	L7 AR-1260-1	7.895	0.000	414673	0	379.601	N.D. #
32)	L7 AR-1260-2	8.196f	7.043	521149	152344	381.300	128.657 #
33)	L7 AR-1260-3	8.546	7.190	416802	596108	457.397	504.533
34)	L7 AR-1260-4	8.758	7.665f	246482	163043	233.521	185.504
35)	L7 AR-1260-5	0.000	7.931	0	126998	N.D.	62.141 #
36)	L8 AR-1262-1	8.546	7.375	416802	125716	305.649	178.962 #
37)	L8 AR-1262-2	0.000	7.931	0	126998	N.D.	56.433 #
38)	L8 AR-1262-3	0.000	8.210	0	28588	N.D.	29.354 #
39)	L8 AR-1262-4	0.000	8.275	0	23574	N.D.	13.297 #
41)	L9 AR-1268-1	0.000	8.210	0	28588	N.D.	10.595 #
42)	L9 AR-1268-2	0.000	8.275	0	23574	N.D.	9.415 #
45)	L9 AR-1268-5	0.000	9.071	0	37845	N.D.	5.309 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP101821\
Data File : PP040145.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 18 Oct 2021 13:53
Operator : AJ\MA
Sample : M4251-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
RR-54

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 18 14:09:51 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP101221.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 13 08:03:59 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

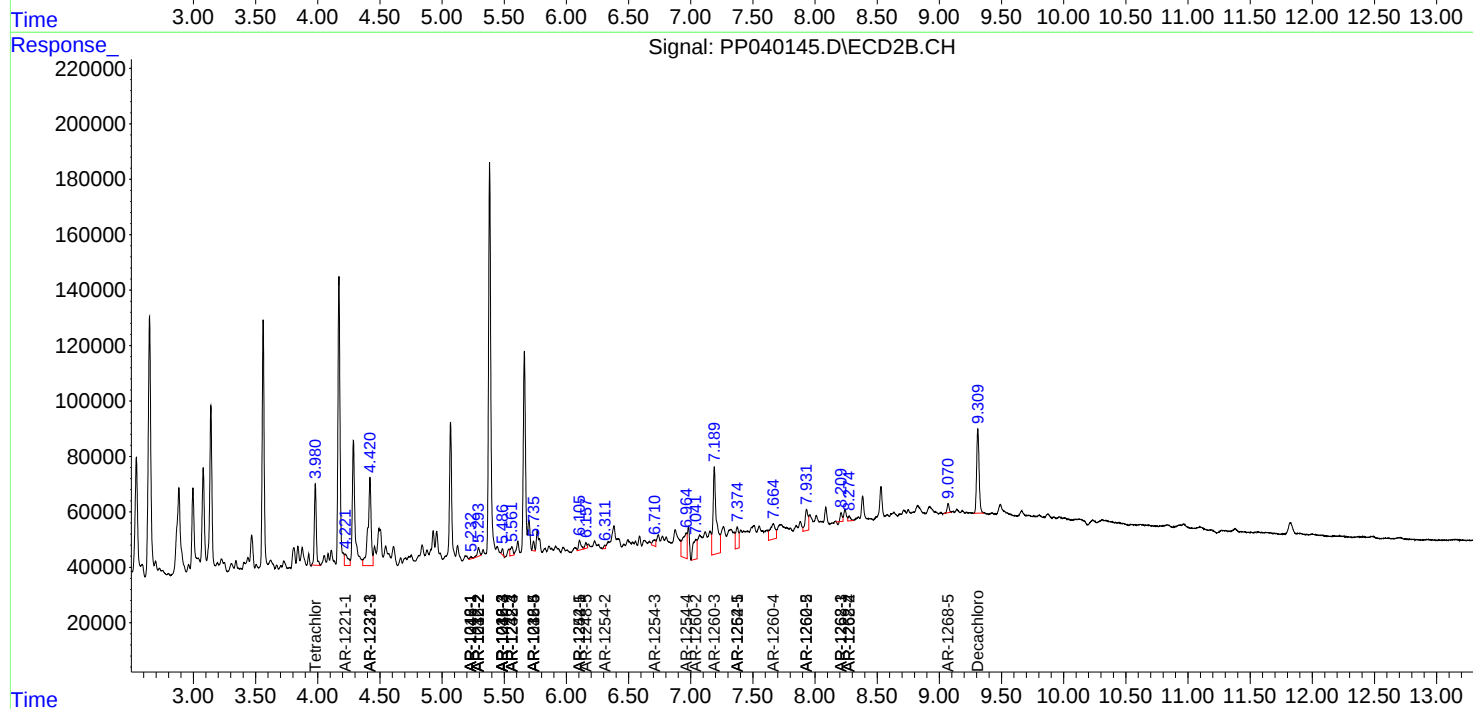
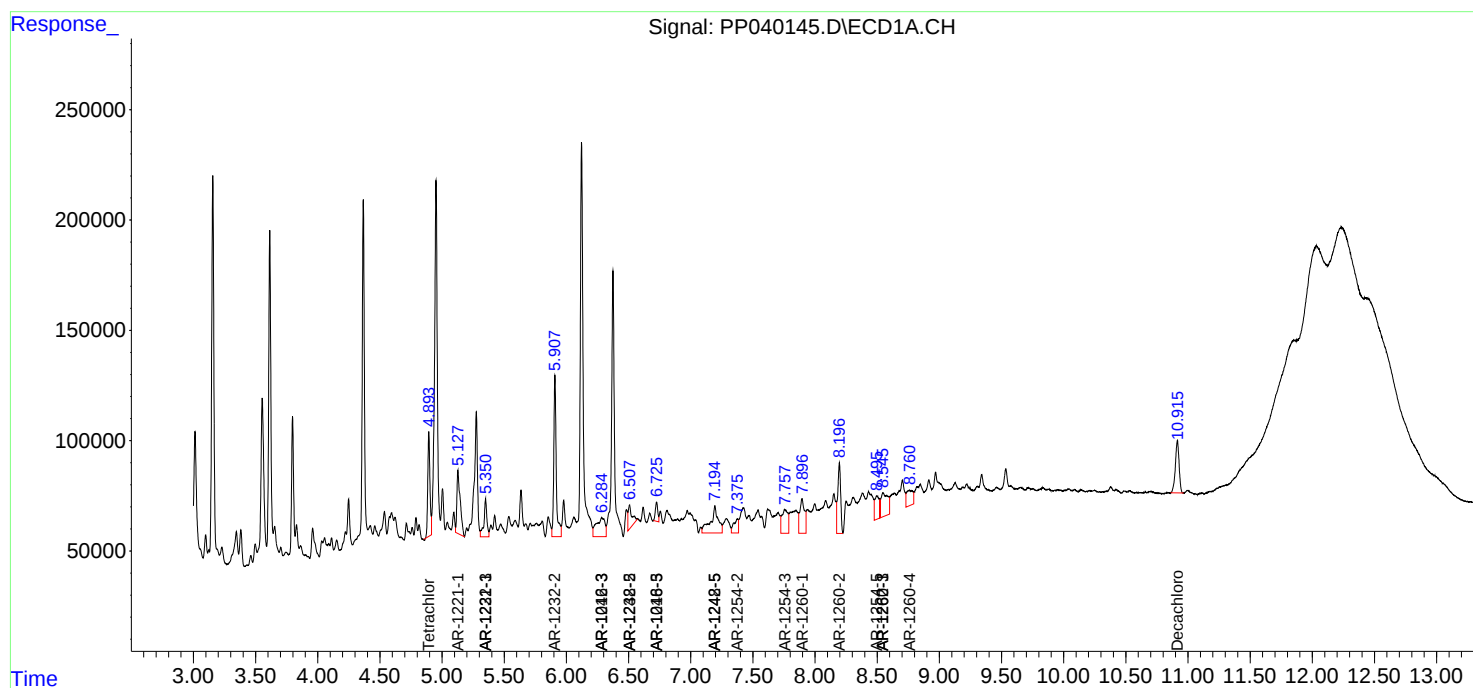
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

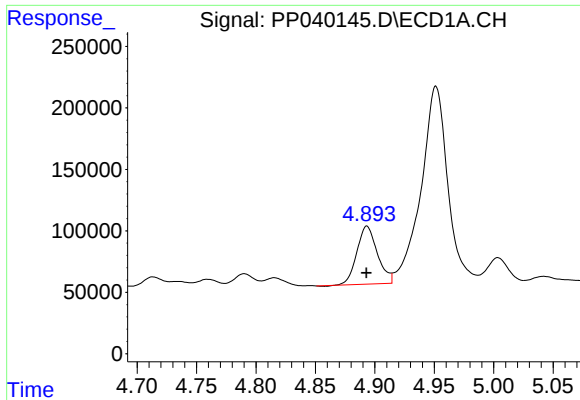
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP101821\
Data File : PP040145.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 18 Oct 2021 13:53
Operator : AJ\MA
Sample : M4251-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampled :
RR-54

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 18 14:09:51 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP101221.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 13 08:03:59 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

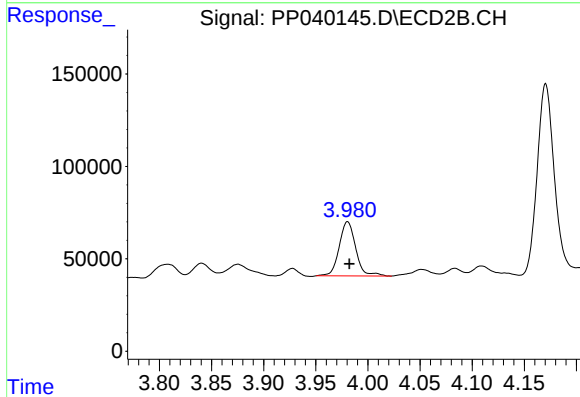




#1 Tetrachloro-m-xylene

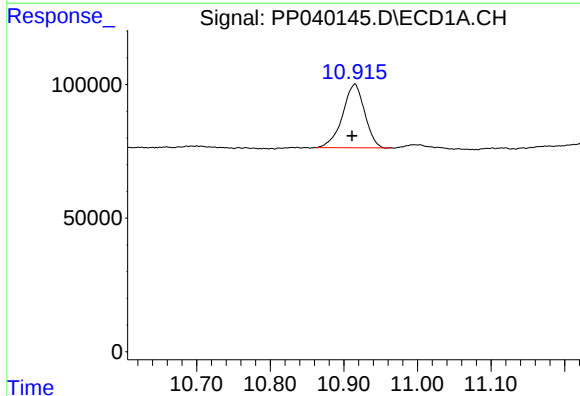
R.T.: 4.893 min
Delta R.T.: 0.000 min
Response: 565668
Conc: 18.63 ng/ml

Instrument :
ECD_P
ClientSampleId :
RR-54



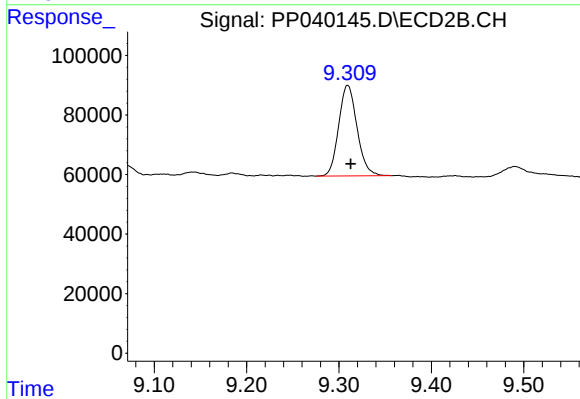
#1 Tetrachloro-m-xylene

R.T.: 3.981 min
Delta R.T.: -0.002 min
Response: 324380
Conc: 19.19 ng/ml



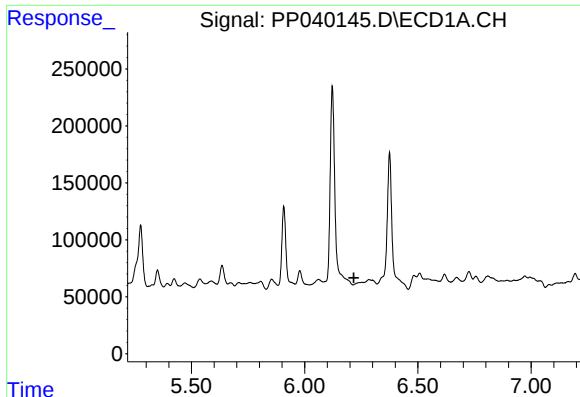
#2 Decachlorobiphenyl

R.T.: 10.915 min
Delta R.T.: 0.003 min
Response: 495676
Conc: 20.05 ng/ml



#2 Decachlorobiphenyl

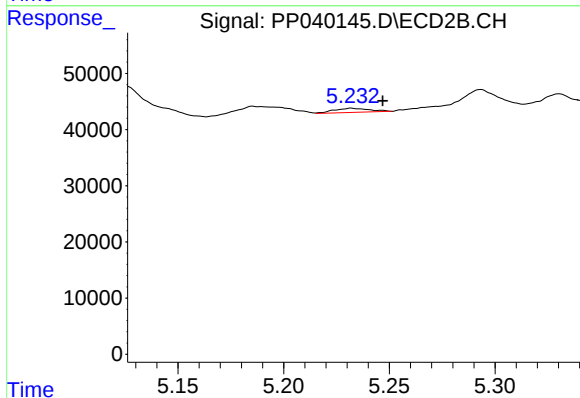
R.T.: 9.309 min
Delta R.T.: -0.003 min
Response: 420541
Conc: 19.82 ng/ml



#3 AR-1016-1

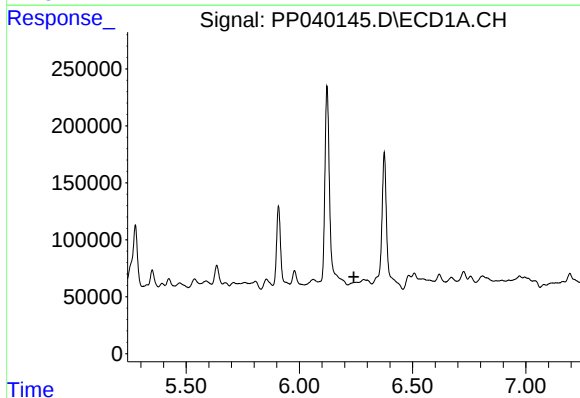
R.T.: 0.000 min
Exp R.T.: 6.217 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
RR-54



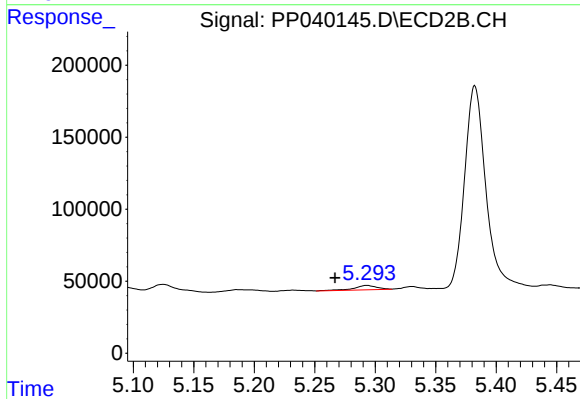
#3 AR-1016-1

R.T.: 5.232 min
Delta R.T.: -0.015 min
Response: 8768
Conc: 13.43 ng/ml



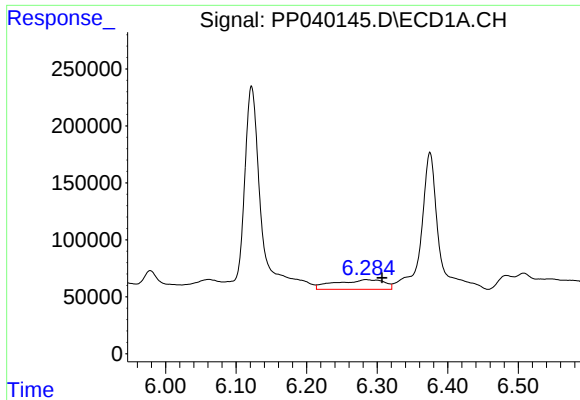
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T.: 6.240 min
Response: 0
Conc: N.D.



#4 AR-1016-2

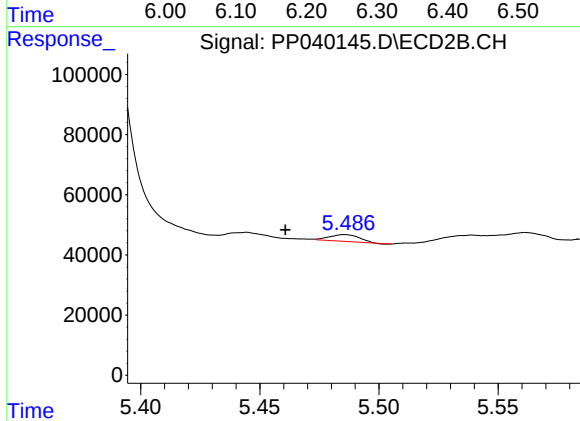
R.T.: 5.293 min
Delta R.T.: 0.026 min
Response: 40486
Conc: 44.28 ng/ml



#5 AR-1016-3

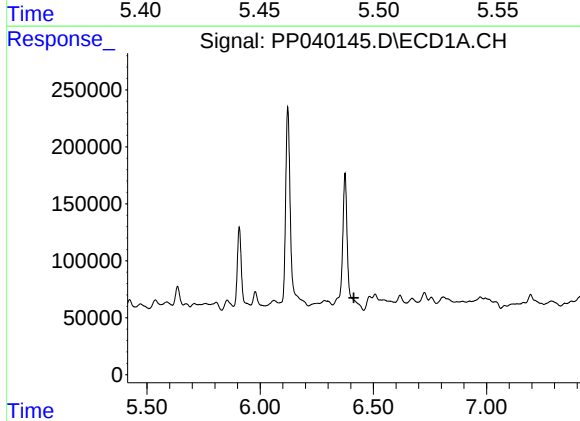
R.T.: 6.284 min
Delta R.T.: -0.023 min
Response: 414062
Conc: 475.13 ng/ml

Instrument :
ECD_P
ClientSampleId :
RR-54



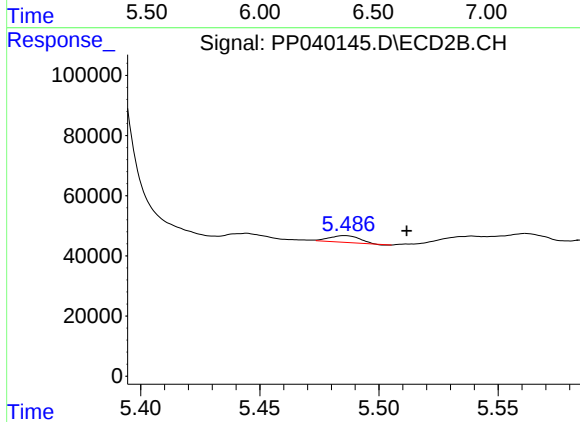
#5 AR-1016-3

R.T.: 5.486 min
Delta R.T.: 0.025 min
Response: 19355
Conc: 38.26 ng/ml



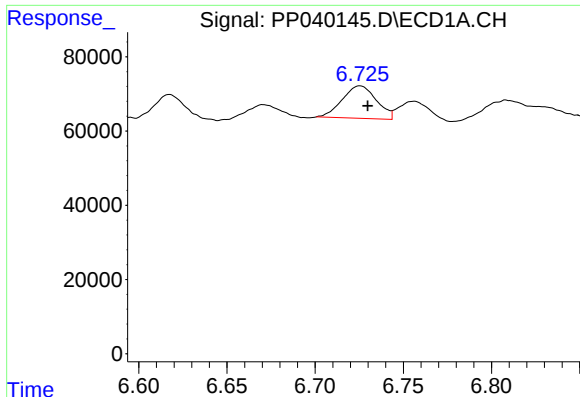
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 6.414 min
Response: 0
Conc: N.D.



#6 AR-1016-4

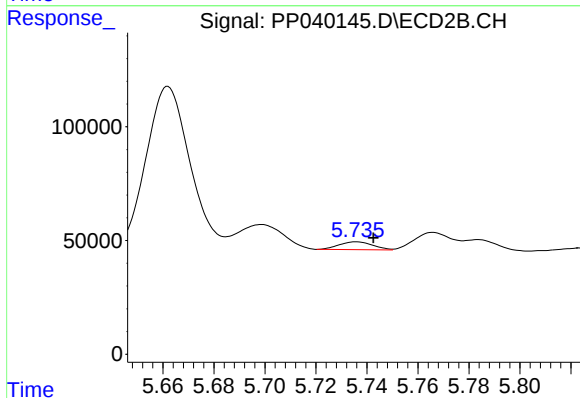
R.T.: 5.486 min
Delta R.T.: -0.026 min
Response: 19355
Conc: 47.27 ng/ml



#7 AR-1016-5

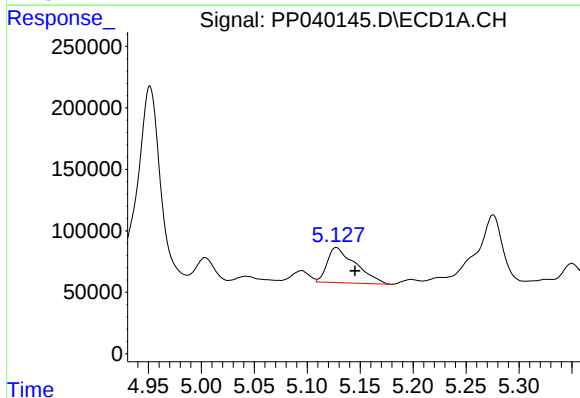
R.T.: 6.725 min
Delta R.T.: -0.004 min
Response: 117763
Conc: 184.12 ng/ml

Instrument :
ECD_P
ClientSampleId :
RR-54



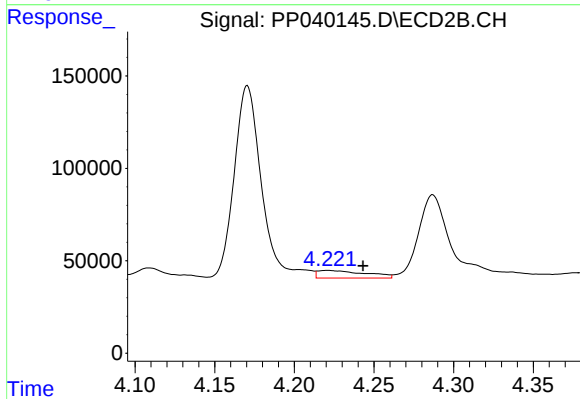
#7 AR-1016-5

R.T.: 5.736 min
Delta R.T.: -0.007 min
Response: 31973
Conc: 63.86 ng/ml



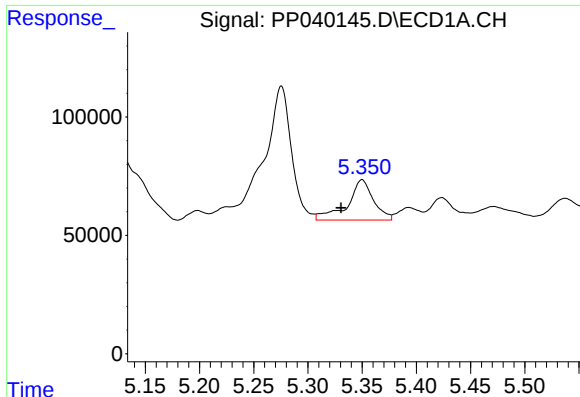
#8 AR-1221-1

R.T.: 5.128 min
Delta R.T.: -0.018 min
Response: 533111
Conc: 1530.80 ng/ml



#8 AR-1221-1

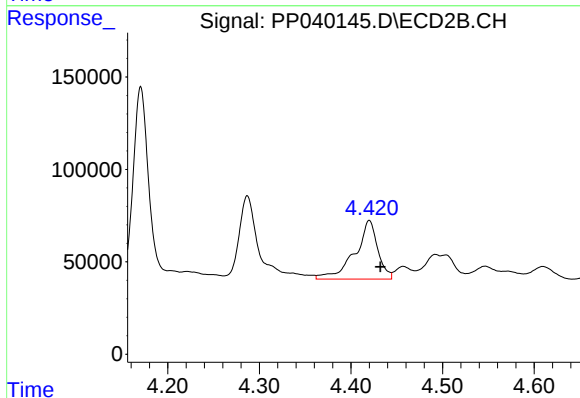
R.T.: 4.221 min
Delta R.T.: -0.022 min
Response: 86990
Conc: 425.07 ng/ml



#10 AR-1221-3

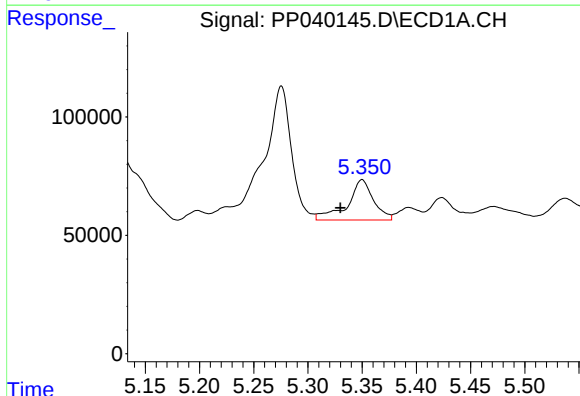
R.T.: 5.350 min
Delta R.T.: 0.019 min
Response: 285380
Conc: 353.99 ng/ml

Instrument :
ECD_P
ClientSampleId :
RR-54



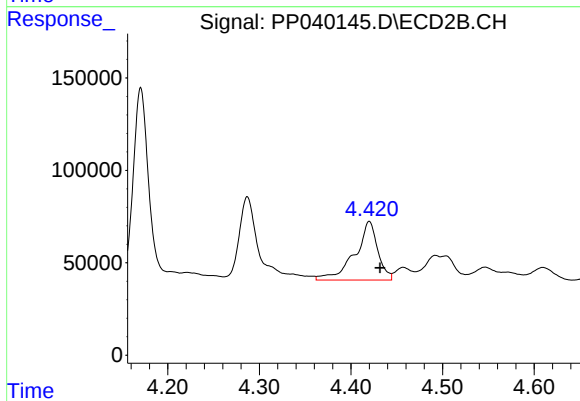
#10 AR-1221-3

R.T.: 4.420 min
Delta R.T.: -0.012 min
Response: 553086
Conc: 1021.32 ng/ml



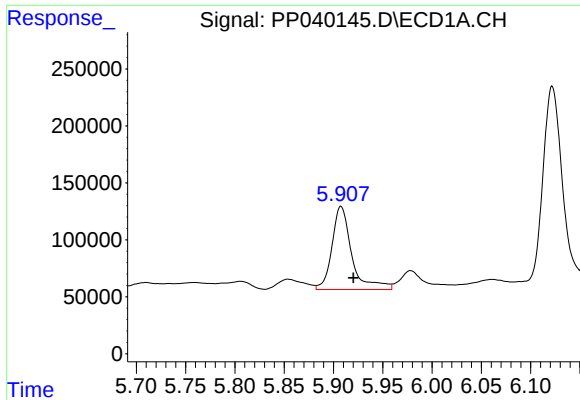
#11 AR-1232-1

R.T.: 5.350 min
Delta R.T.: 0.020 min
Response: 285380
Conc: 458.63 ng/ml



#11 AR-1232-1

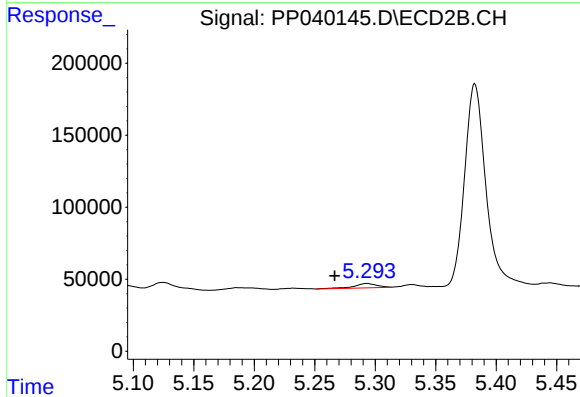
R.T.: 4.420 min
Delta R.T.: -0.012 min
Response: 553086
Conc: 1361.75 ng/ml



#12 AR-1232-2

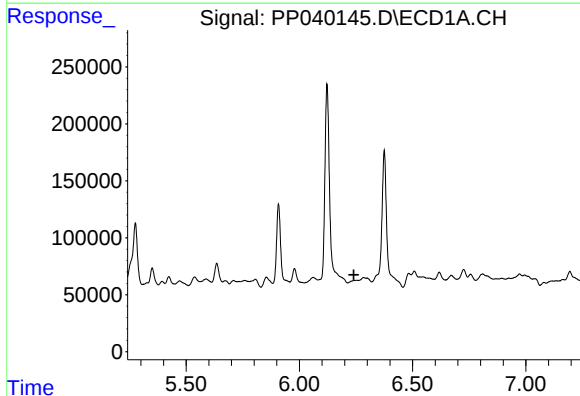
R.T.: 5.908 min
Delta R.T.: -0.013 min
Response: 1018263
Conc: 2966.80 ng/ml

Instrument :
ECD_P
ClientSampleId :
RR-54



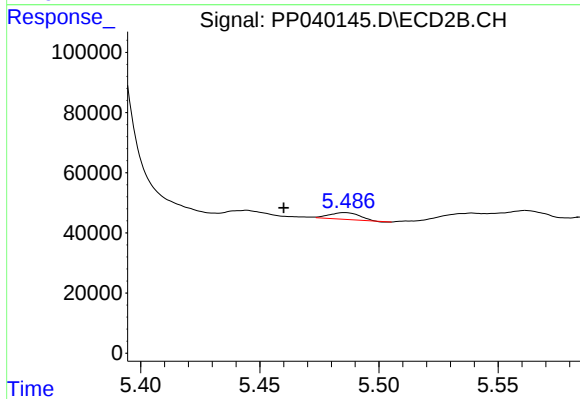
#12 AR-1232-2

R.T.: 5.293 min
Delta R.T.: 0.027 min
Response: 40486
Conc: 103.56 ng/ml



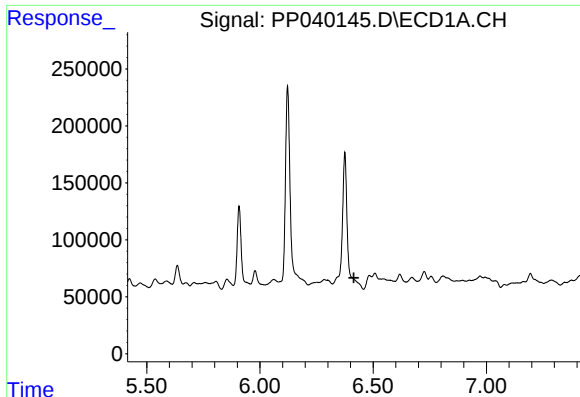
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 6.241 min
Response: 0
Conc: N.D.



#13 AR-1232-3

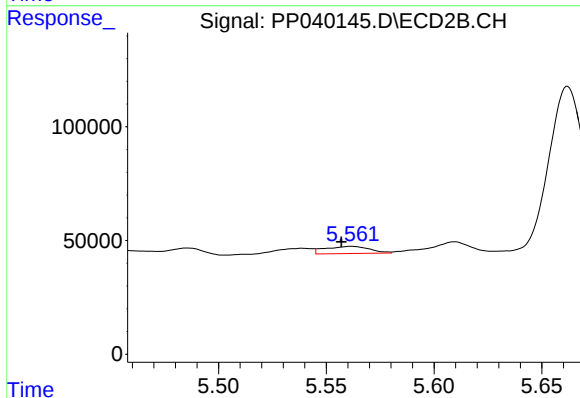
R.T.: 5.486 min
Delta R.T.: 0.026 min
Response: 19355
Conc: 93.44 ng/ml



#14 AR-1232-4

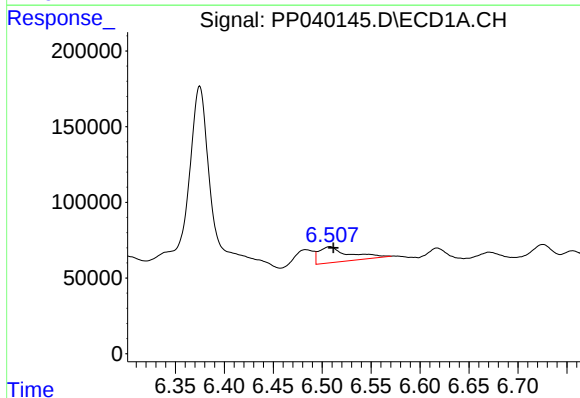
R.T.: 0.000 min
Exp R.T.: 6.414 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
RR-54



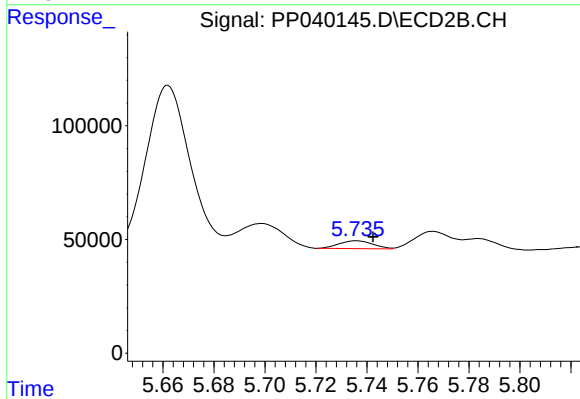
#14 AR-1232-4

R.T.: 5.562 min
Delta R.T.: 0.005 min
Response: 45837
Conc: 242.25 ng/ml



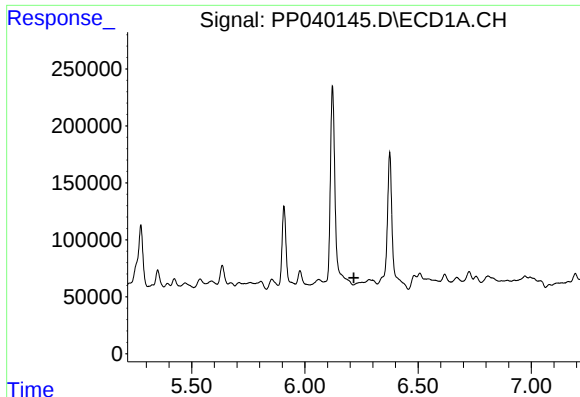
#15 AR-1232-5

R.T.: 6.508 min
Delta R.T.: -0.004 min
Response: 221813
Conc: 945.94 ng/ml



#15 AR-1232-5

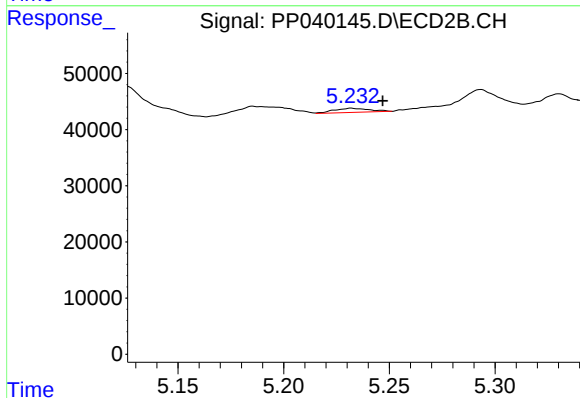
R.T.: 5.736 min
Delta R.T.: -0.006 min
Response: 31973
Conc: 154.86 ng/ml



#16 AR-1242-1

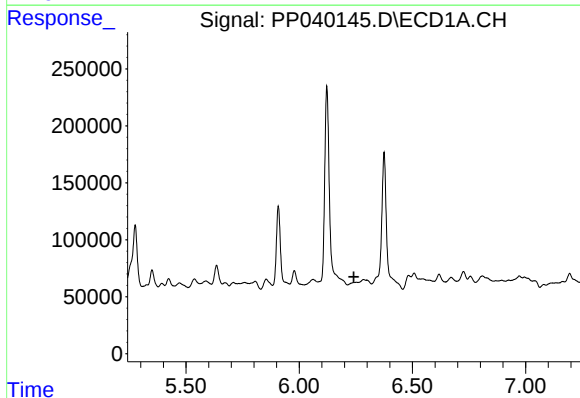
R.T.: 0.000 min
Exp R.T.: 6.216 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
RR-54



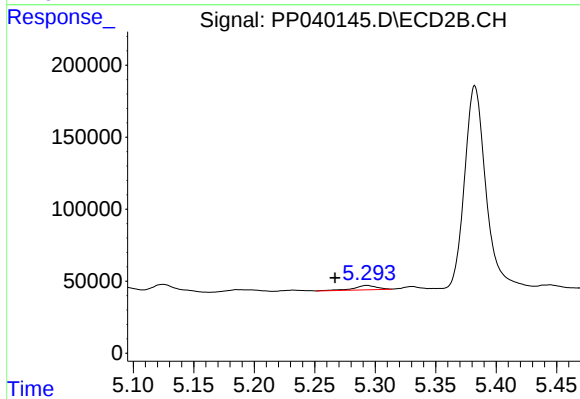
#16 AR-1242-1

R.T.: 5.232 min
Delta R.T.: -0.015 min
Response: 8768
Conc: 17.62 ng/ml



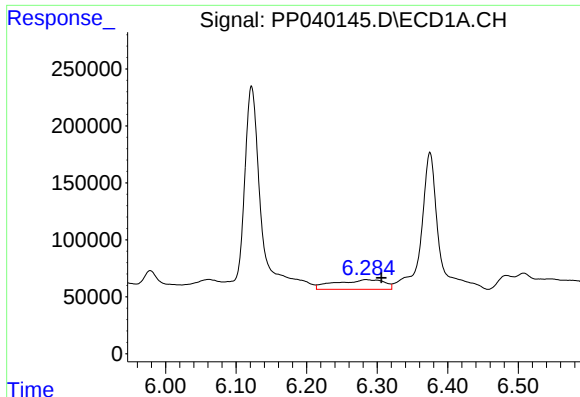
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T.: 6.241 min
Response: 0
Conc: N.D.



#17 AR-1242-2

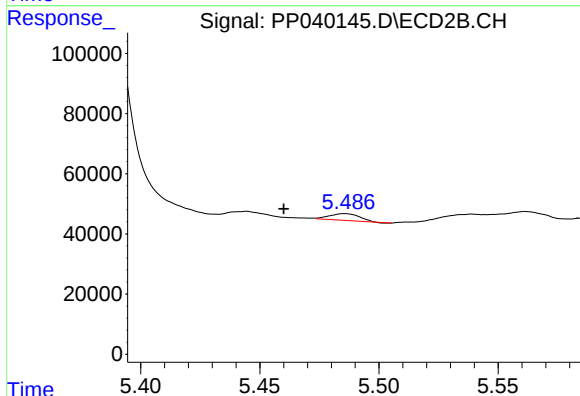
R.T.: 5.293 min
Delta R.T.: 0.026 min
Response: 40486
Conc: 59.28 ng/ml



#18 AR-1242-3

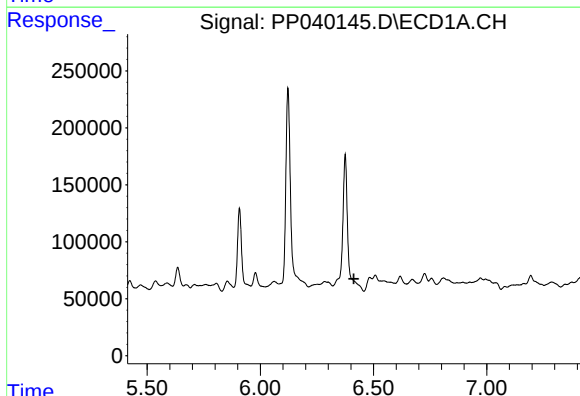
R.T.: 6.284 min
Delta R.T.: -0.022 min
Response: 414062
Conc: 595.76 ng/ml

Instrument :
ECD_P
ClientSampleId :
RR-54



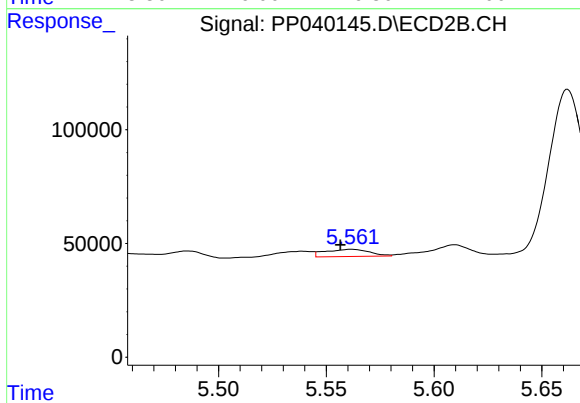
#18 AR-1242-3

R.T.: 5.486 min
Delta R.T.: 0.026 min
Response: 19355
Conc: 51.30 ng/ml



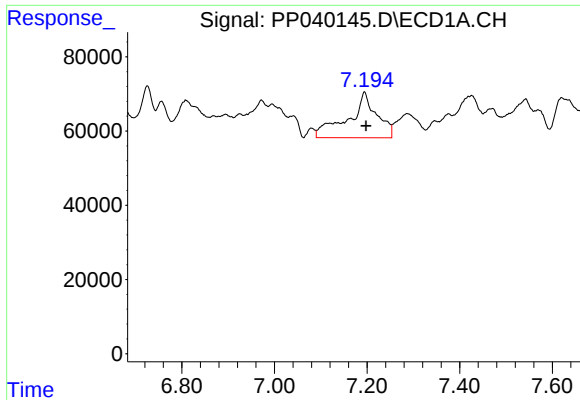
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T. : 6.414 min
Response: 0
Conc: N.D.



#19 AR-1242-4

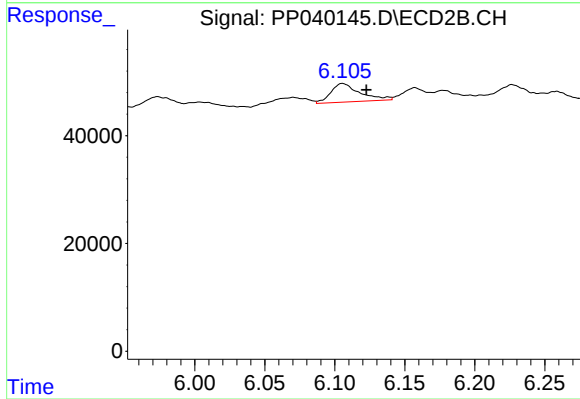
R.T.: 5.562 min
Delta R.T.: 0.005 min
Response: 45837
Conc: 123.74 ng/ml



#20 AR-1242-5

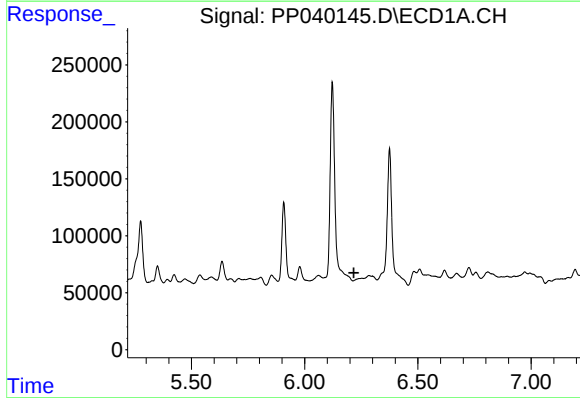
R.T.: 7.194 min
Delta R.T.: -0.004 min
Response: 527398
Conc: 1008.41 ng/ml

Instrument :
ECD_P
ClientSampleId :
RR-54



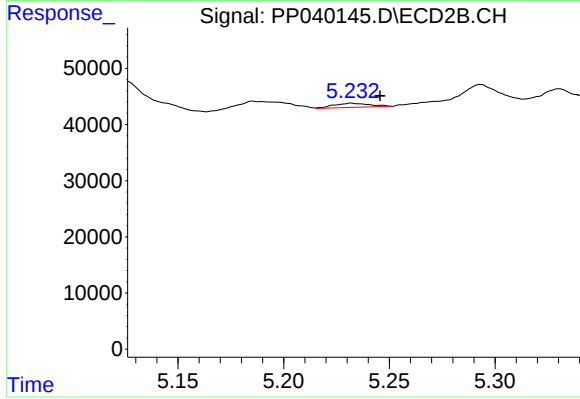
#20 AR-1242-5

R.T.: 6.106 min
Delta R.T.: -0.017 min
Response: 49797
Conc: 104.40 ng/ml



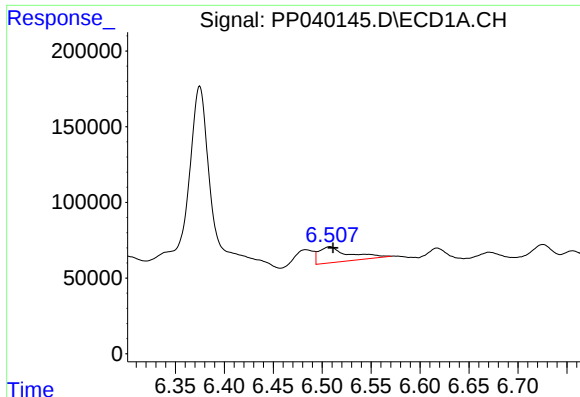
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T. : 6.217 min
Response: 0
Conc: N.D.



#21 AR-1248-1

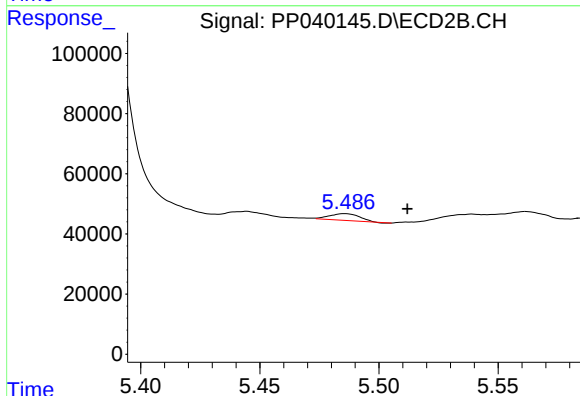
R.T.: 5.232 min
Delta R.T.: -0.013 min
Response: 8768
Conc: 22.49 ng/ml



#22 AR-1248-2

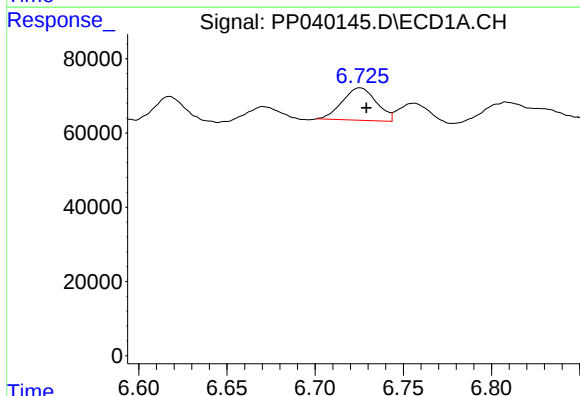
R.T.: 6.508 min
Delta R.T.: -0.003 min
Response: 221813
Conc: 277.09 ng/ml

Instrument :
ECD_P
ClientSampleId :
RR-54



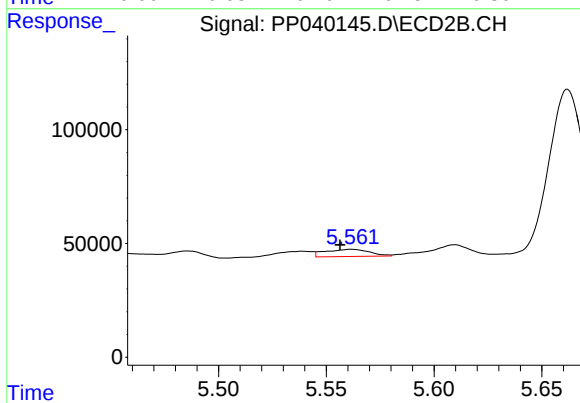
#22 AR-1248-2

R.T.: 5.486 min
Delta R.T.: -0.026 min
Response: 19355
Conc: 36.01 ng/ml



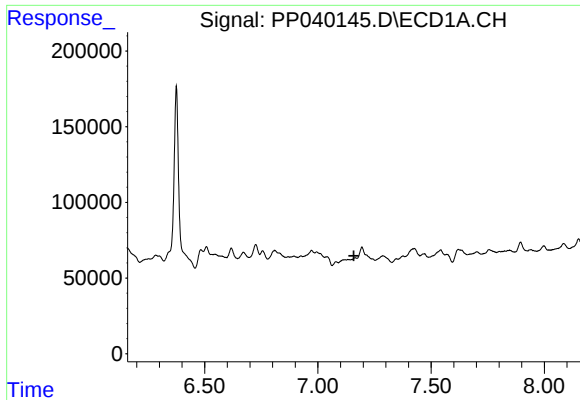
#23 AR-1248-3

R.T.: 6.725 min
Delta R.T.: -0.004 min
Response: 117763
Conc: 131.34 ng/ml



#23 AR-1248-3

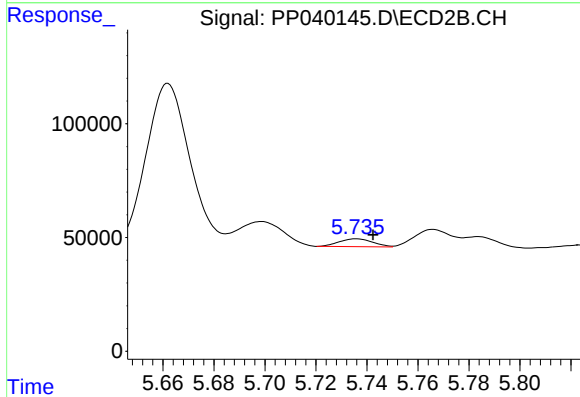
R.T.: 5.562 min
Delta R.T.: 0.005 min
Response: 45837
Conc: 81.09 ng/ml



#24 AR-1248-4

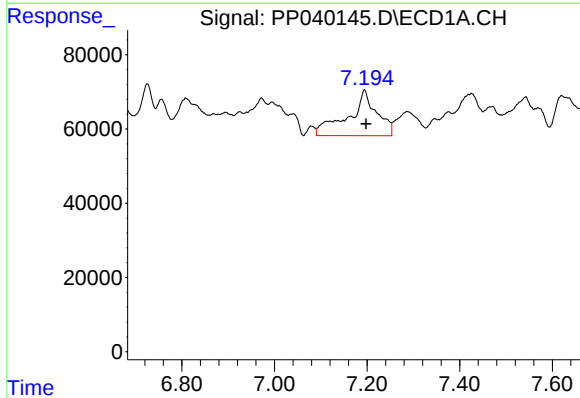
R.T.: 0.000 min
Exp R.T.: 7.159 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
RR-54



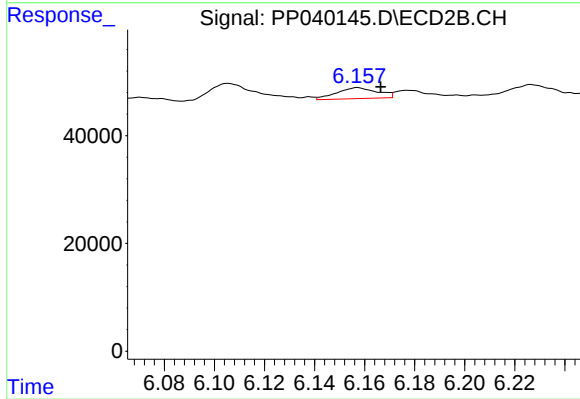
#24 AR-1248-4

R.T.: 5.736 min
Delta R.T.: -0.006 min
Response: 31973
Conc: 50.03 ng/ml



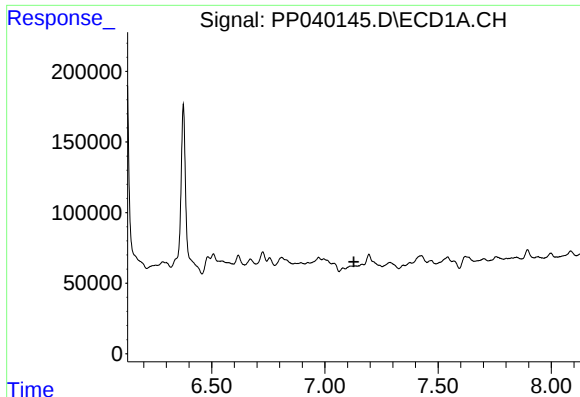
#25 AR-1248-5

R.T.: 7.194 min
Delta R.T.: -0.004 min
Response: 527398
Conc: 596.20 ng/ml



#25 AR-1248-5

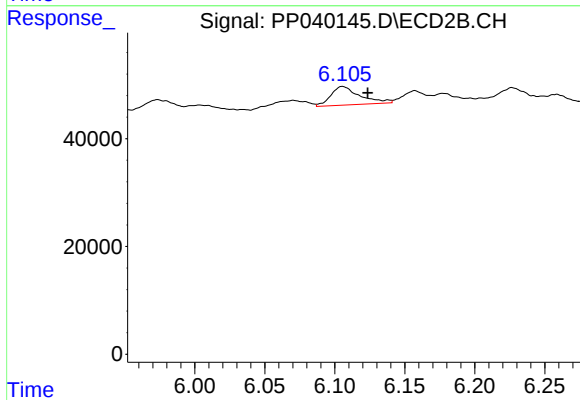
R.T.: 6.157 min
Delta R.T.: -0.009 min
Response: 23150
Conc: 37.11 ng/ml



#26 AR-1254-1

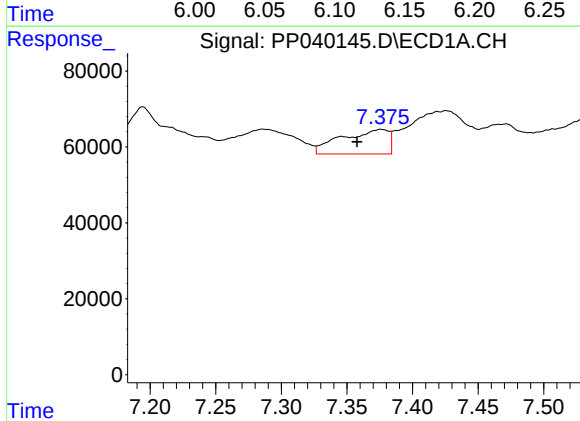
R.T.: 0.000 min
Exp R.T.: 7.128 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
RR-54



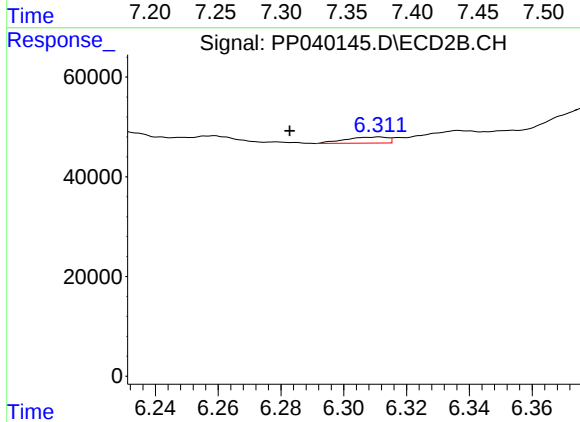
#26 AR-1254-1

R.T.: 6.106 min
Delta R.T.: -0.018 min
Response: 49797
Conc: 51.98 ng/ml



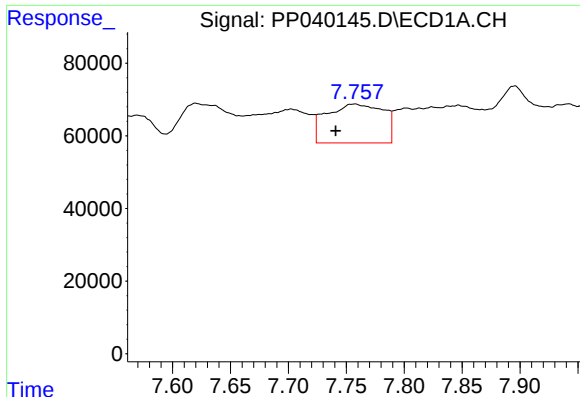
#27 AR-1254-2

R.T.: 7.376 min
Delta R.T.: 0.018 min
Response: 161649
Conc: 116.77 ng/ml



#27 AR-1254-2

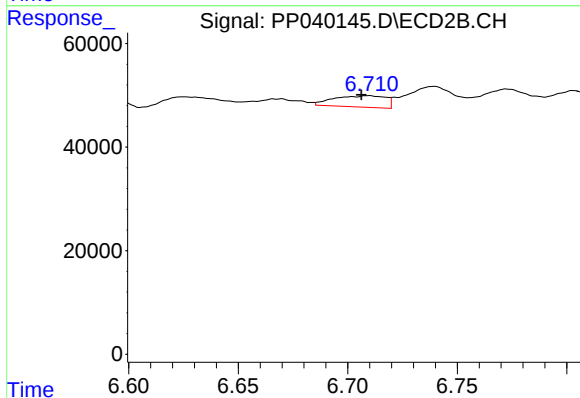
R.T.: 6.311 min
Delta R.T.: 0.028 min
Response: 11491
Conc: 13.02 ng/ml



#28 AR-1254-3

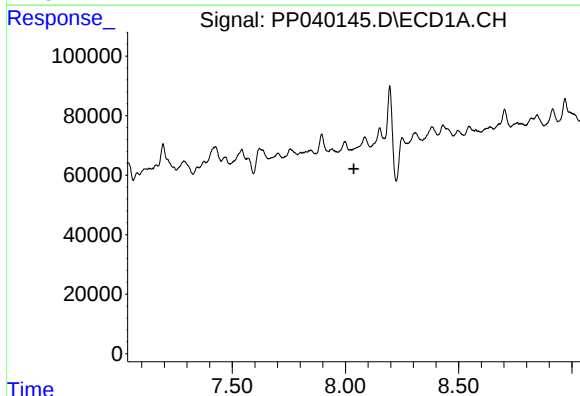
R.T.: 7.757 min
Delta R.T.: 0.016 min
Response: 364300
Conc: 255.71 ng/ml

Instrument :
ECD_P
ClientSampleId :
RR-54



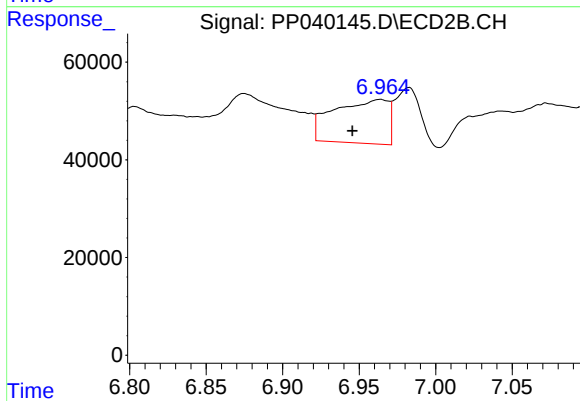
#28 AR-1254-3

R.T.: 6.709 min
Delta R.T.: 0.003 min
Response: 36050
Conc: 26.44 ng/ml



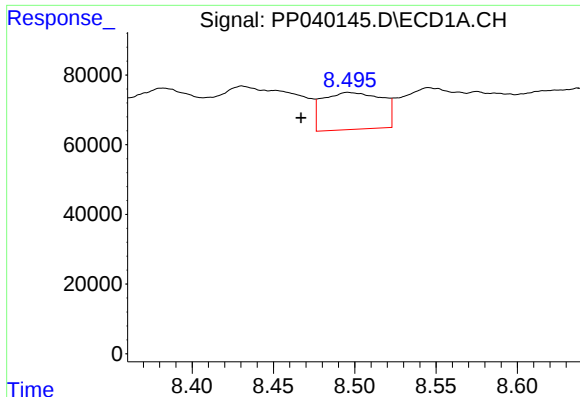
#29 AR-1254-4

R.T.: 0.000 min
Exp R.T. : 8.037 min
Response: 0
Conc: N.D.



#29 AR-1254-4

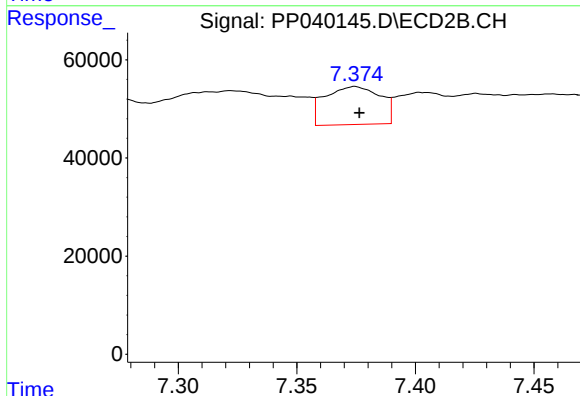
R.T.: 6.964 min
Delta R.T.: 0.018 min
Response: 222823
Conc: 259.78 ng/ml



#30 AR-1254-5

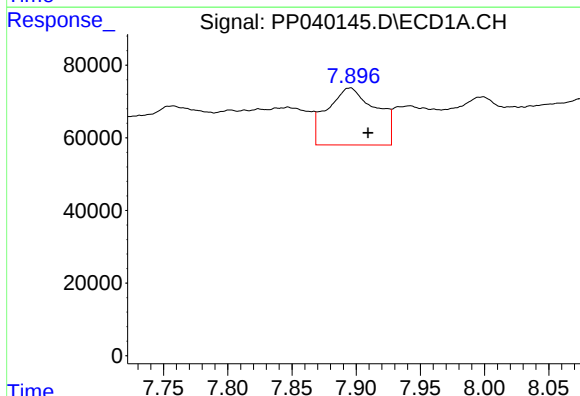
R.T.: 8.497 min
Delta R.T.: 0.030 min
Response: 269619
Conc: 230.67 ng/ml

Instrument :
ECD_P
ClientSampleId :
RR-54



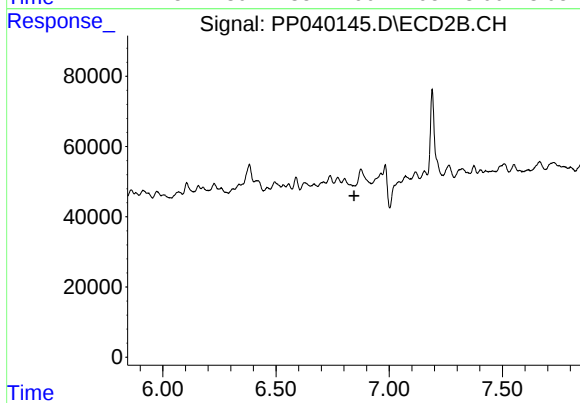
#30 AR-1254-5

R.T.: 7.375 min
Delta R.T.: -0.002 min
Response: 125716
Conc: 97.39 ng/ml



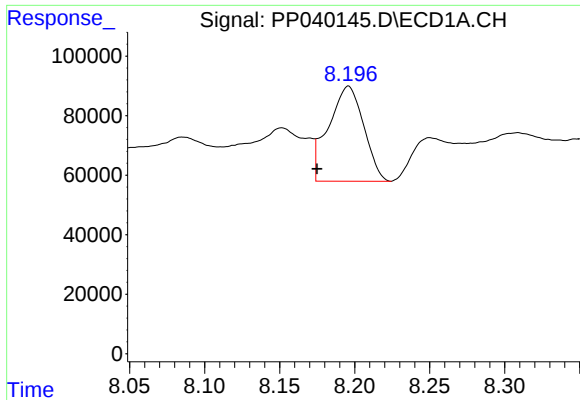
#31 AR-1260-1

R.T.: 7.895 min
Delta R.T.: -0.014 min
Response: 414673
Conc: 379.60 ng/ml



#31 AR-1260-1

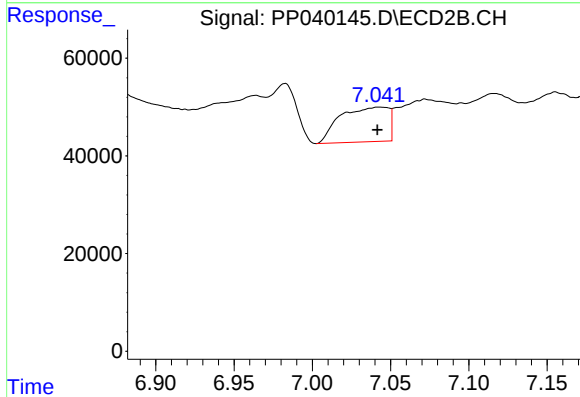
R.T.: 0.000 min
Exp R.T.: 6.844 min
Response: 0
Conc: N.D.



#32 AR-1260-2

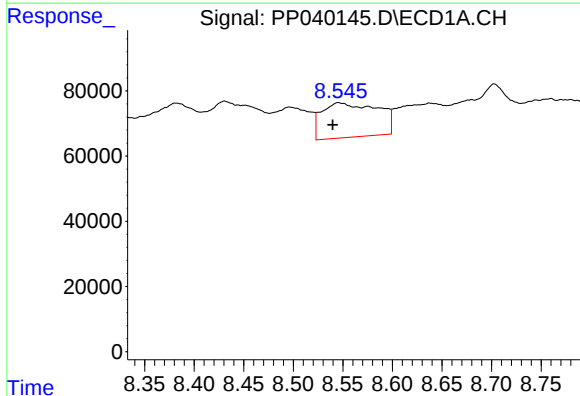
R.T.: 8.196 min
Delta R.T.: 0.021 min
Response: 521149
Conc: 381.30 ng/ml

Instrument :
ECD_P
ClientSampleId :
RR-54



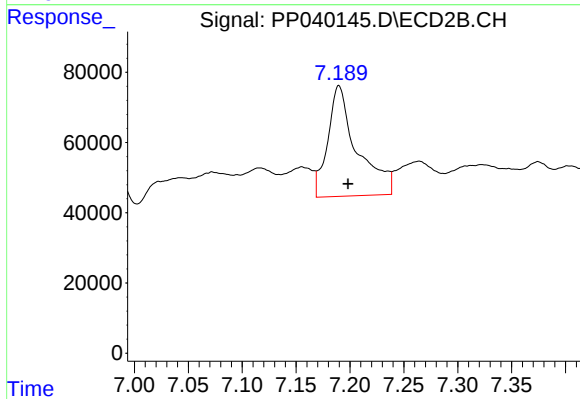
#32 AR-1260-2

R.T.: 7.043 min
Delta R.T.: 0.001 min
Response: 152344
Conc: 128.66 ng/ml



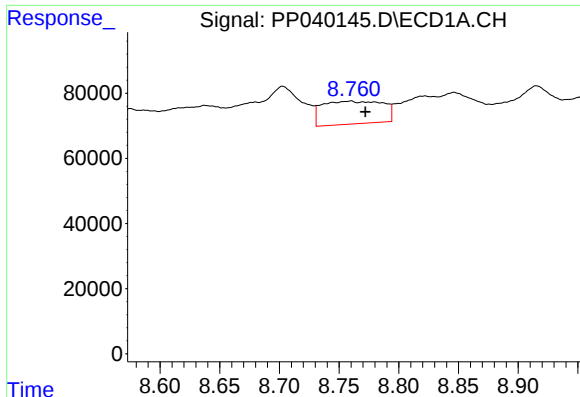
#33 AR-1260-3

R.T.: 8.546 min
Delta R.T.: 0.007 min
Response: 416802
Conc: 457.40 ng/ml



#33 AR-1260-3

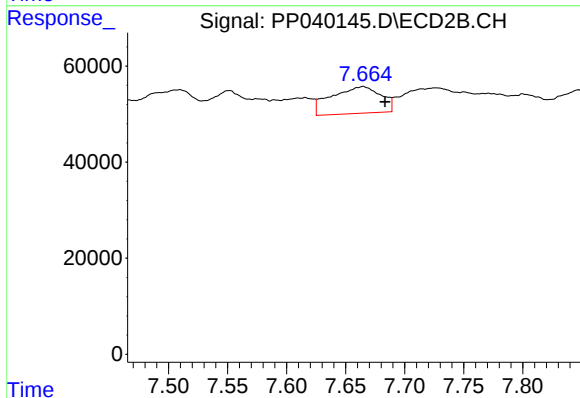
R.T.: 7.190 min
Delta R.T.: -0.008 min
Response: 596108
Conc: 504.53 ng/ml



#34 AR-1260-4

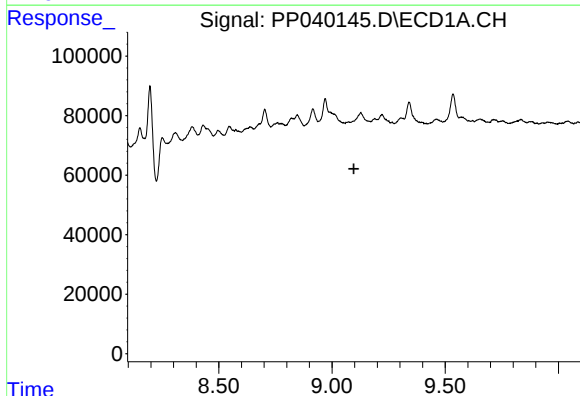
R.T.: 8.758 min
Delta R.T.: -0.014 min
Response: 246482
Conc: 233.52 ng/ml

Instrument :
ECD_P
ClientSampleId :
RR-54



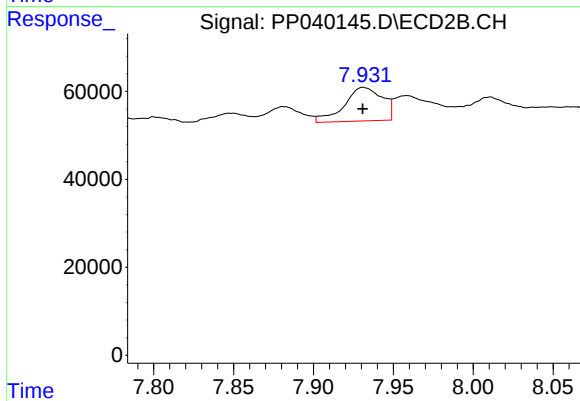
#34 AR-1260-4

R.T.: 7.665 min
Delta R.T.: -0.019 min
Response: 163043
Conc: 185.50 ng/ml



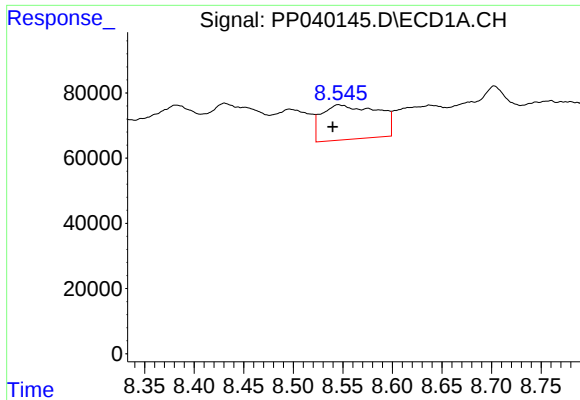
#35 AR-1260-5

R.T.: 0.000 min
Exp R.T. : 9.097 min
Response: 0
Conc: N.D.



#35 AR-1260-5

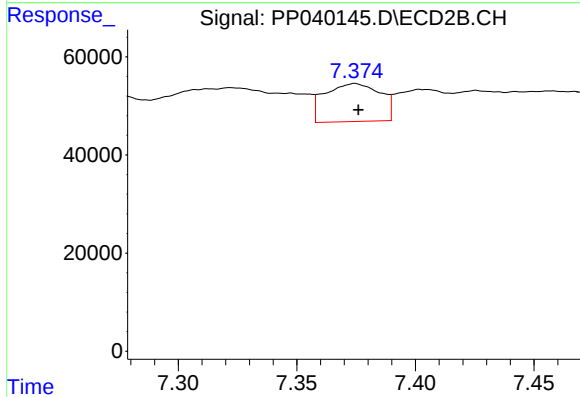
R.T.: 7.931 min
Delta R.T.: 0.000 min
Response: 126998
Conc: 62.14 ng/ml



#36 AR-1262-1

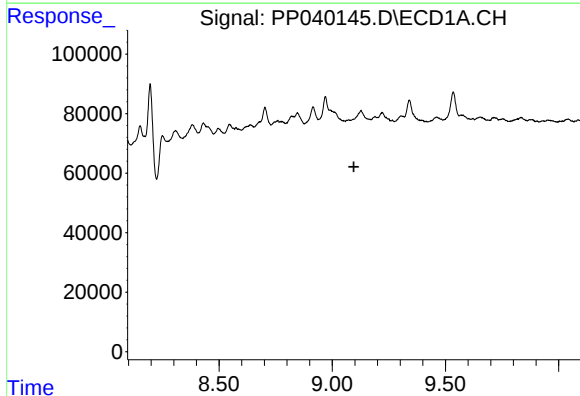
R.T.: 8.546 min
Delta R.T.: 0.007 min
Response: 416802
Conc: 305.65 ng/ml

Instrument :
ECD_P
ClientSampleId :
RR-54



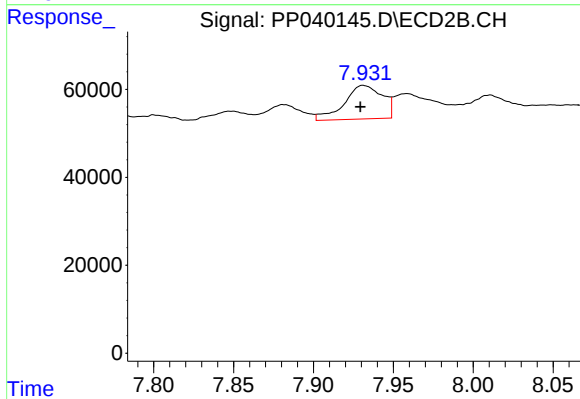
#36 AR-1262-1

R.T.: 7.375 min
Delta R.T.: -0.001 min
Response: 125716
Conc: 178.96 ng/ml



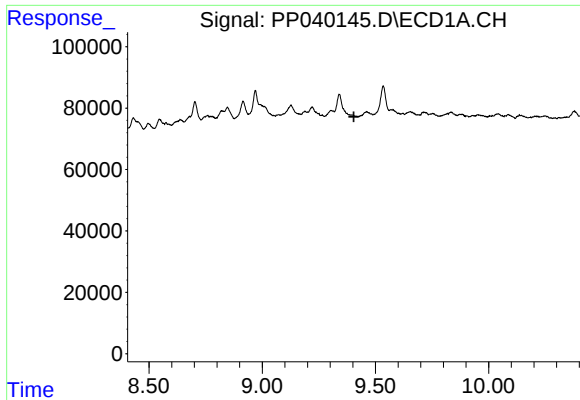
#37 AR-1262-2

R.T.: 0.000 min
Exp R.T. : 9.096 min
Response: 0
Conc: N.D.



#37 AR-1262-2

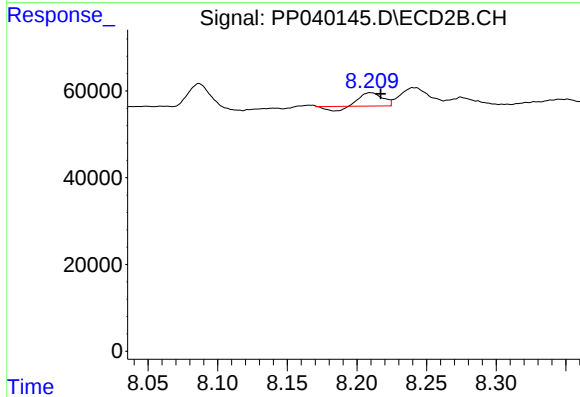
R.T.: 7.931 min
Delta R.T.: 0.002 min
Response: 126998
Conc: 56.43 ng/ml



#38 AR-1262-3

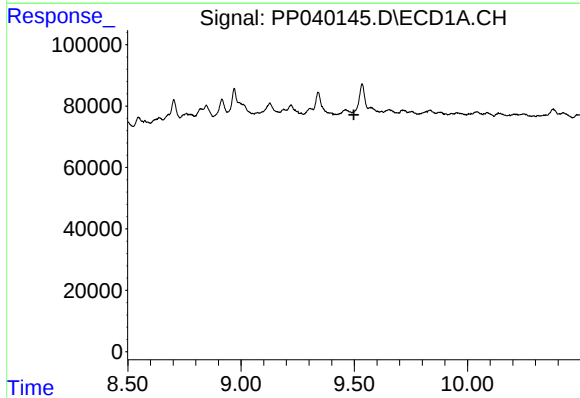
R.T.: 0.000 min
Exp R.T.: 9.405 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
RR-54



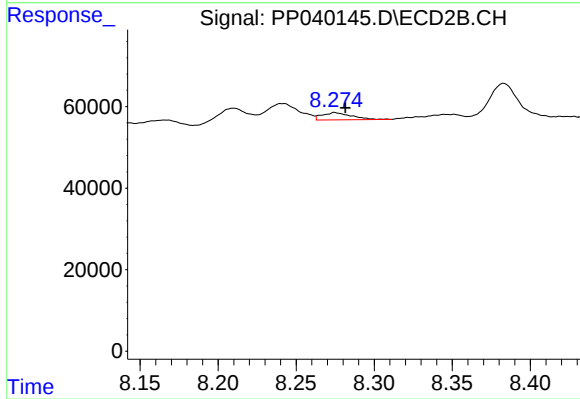
#38 AR-1262-3

R.T.: 8.210 min
Delta R.T.: -0.007 min
Response: 28588
Conc: 29.35 ng/ml



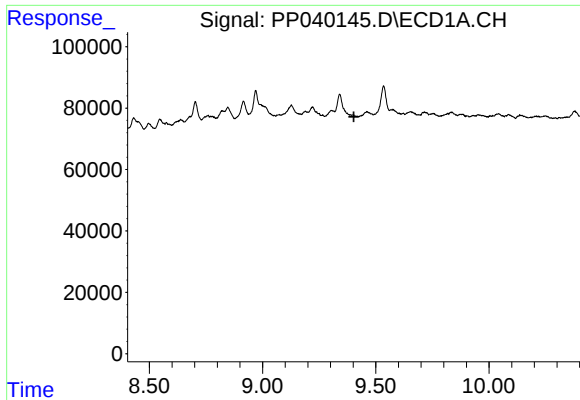
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T.: 9.498 min
Response: 0
Conc: N.D.



#39 AR-1262-4

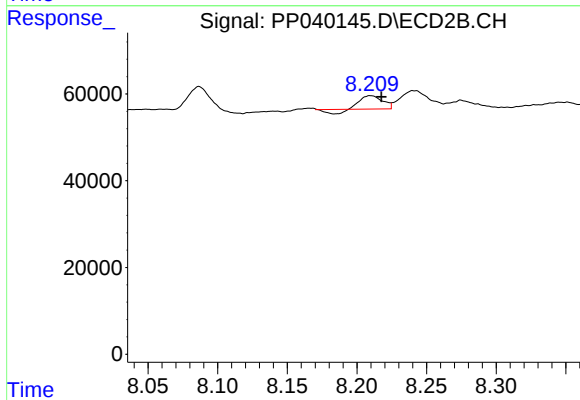
R.T.: 8.275 min
Delta R.T.: -0.007 min
Response: 23574
Conc: 13.30 ng/ml



#41 AR-1268-1

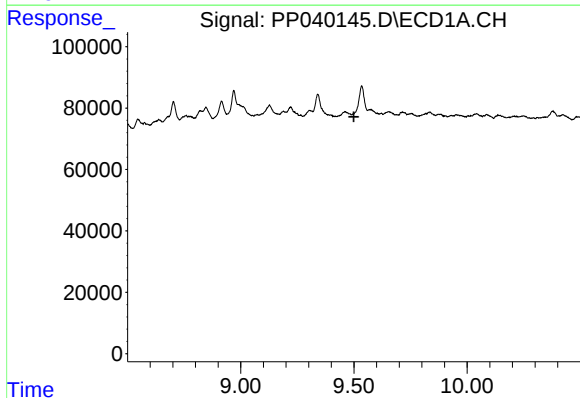
R.T.: 0.000 min
Exp R.T.: 9.403 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
RR-54



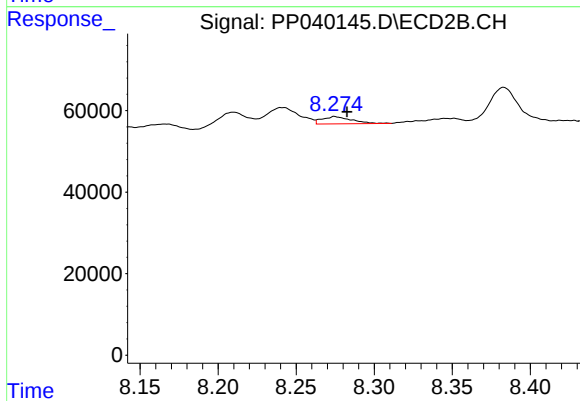
#41 AR-1268-1

R.T.: 8.210 min
Delta R.T.: -0.008 min
Response: 28588
Conc: 10.59 ng/ml



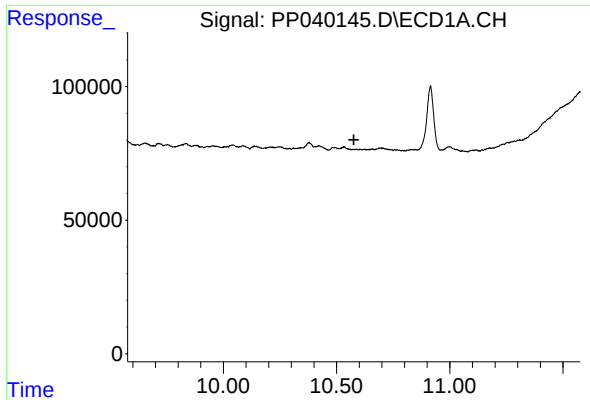
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T.: 9.500 min
Response: 0
Conc: N.D.



#42 AR-1268-2

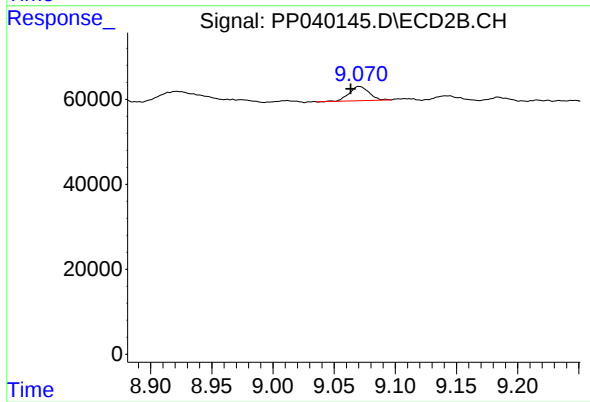
R.T.: 8.275 min
Delta R.T.: -0.008 min
Response: 23574
Conc: 9.42 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 10.577 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
RR-54



#45 AR-1268-5

R.T.: 9.071 min
Delta R.T.: 0.007 min
Response: 37845
Conc: 5.31 ng/ml