

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_0\Data\PO101121\
 Data File : PO081990.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 11 Oct 2021 22:24
 Operator : AJ\MA
 Sample : M4170-01
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 ECD_0
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 12 02:37:24 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_0\methods\PO100621.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Oct 07 09:43:36 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...	4.989	3.976	893702	438432	10.770	17.326 #
2)	SA Decachlor...	11.109	9.301f	745728	606644	12.572	25.680 #
Target Compounds							
3)	L1 AR-1016-1	0.000	5.280f	0	133528	N.D.	128.651 #
4)	L1 AR-1016-2	6.358	5.280	129988	133528	32.286	93.191 #
5)	L1 AR-1016-3	6.389f	5.466	303282	302592	123.176	396.019 #
6)	L1 AR-1016-4	6.539f	5.518	-10071	74353	N.D.	116.306 #
7)	L1 AR-1016-5	6.821f	0.000	828719	0	438.133	N.D. #
8)	L2 AR-1221-1	5.235	4.219f	1752121	48999	1834.714	158.985 #
9)	L2 AR-1221-2	0.000	4.351	0	106593	N.D.	457.953 #
10)	L2 AR-1221-3	5.448f	4.423	830611	555764	389.506	736.993 #
11)	L3 AR-1232-1	5.448f	4.423	830611	555764	497.979	937.088 #
12)	L3 AR-1232-2	6.051f	5.280	706323	133528	744.547	220.343 #
13)	L3 AR-1232-3	6.358	5.466	129988	302592	77.784	949.957 #
14)	L3 AR-1232-4	6.539f	5.537f	-10071	88896	N.D.	289.223 #
15)	L3 AR-1232-5	6.611	0.000	439644	0	728.140	N.D. #
16)	L4 AR-1242-1	0.000	5.280f	0	133528	N.D.	172.932 #
17)	L4 AR-1242-2	6.358	5.280	129988	133528	44.345	126.472 #
18)	L4 AR-1242-3	6.389f	5.466	303282	302592	166.310	535.686 #
19)	L4 AR-1242-4	6.539	5.537f	-10071	88896	N.D.	142.626 #
20)	L4 AR-1242-5	7.302	6.105f	1748145	159263	1197.542	218.260 #
21)	L5 AR-1248-1	0.000	5.280f	0	133528	N.D.	219.127 #
22)	L5 AR-1248-2	6.611	5.518	439644	74353	200.210	88.074 #
23)	L5 AR-1248-3	6.821	5.537	828719	88896	337.668	99.341 #
24)	L5 AR-1248-4	7.271	0.000	823875	0	314.830	N.D. #
25)	L5 AR-1248-5	7.302	6.174	1748145	188120	701.539	197.230 #
26)	L6 AR-1254-1	7.233	6.105f	2016120	159263	736.974	110.979 #
27)	L6 AR-1254-2	7.488f	0.000	1071839	0	262.714	N.D. #
28)	L6 AR-1254-3	7.873f	6.696	692520	245547	169.724	123.285 #
29)	L6 AR-1254-4	8.158	6.924f	544515	790197	181.560	618.680 #
30)	L6 AR-1254-5	8.586	7.372	306793	559561	93.969	309.221 #
31)	L7 AR-1260-1	8.032	6.855	770566	516622	245.421	358.850 #
32)	L7 AR-1260-2	8.306f	7.053	893410	352040	241.914	203.902
33)	L7 AR-1260-3	8.673	7.192	144051	863710	58.261	528.150 #
34)	L7 AR-1260-4	0.000	7.699f	0	741098	N.D.	616.389 #
35)	L7 AR-1260-5	0.000	7.937	0	319612	N.D.	112.970 #
36)	L8 AR-1262-1	8.673	7.372	144051	559561	36.637	559.917 #
37)	L8 AR-1262-2	0.000	7.937	0	319612	N.D.	99.217 #
38)	L8 AR-1262-3	0.000	8.204f	0	3793699	N.D.	2841.604 #
39)	L8 AR-1262-4	9.670f	0.000	167710	0	83.020	N.D. #
40)	L8 AR-1262-5	10.314f	0.000	424160	0	164.416	N.D. #
41)	L9 AR-1268-1	0.000	8.204	0	3793699	N.D.	963.972 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO101121\
 Data File : PO081990.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 11 Oct 2021 22:24
 Operator : AJ\MA
 Sample : M4170-01
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 12 02:37:24 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100621.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Oct 07 09:43:36 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	
42)	L9 AR-1268-2	9.670f	0.000	167710	0	21.308	N.D.	#
43)	L9 AR-1268-3	9.853f	0.000	654280	0	95.753	N.D.	#
44)	L9 AR-1268-4	10.314f	0.000	424160	0	142.029	N.D.	#

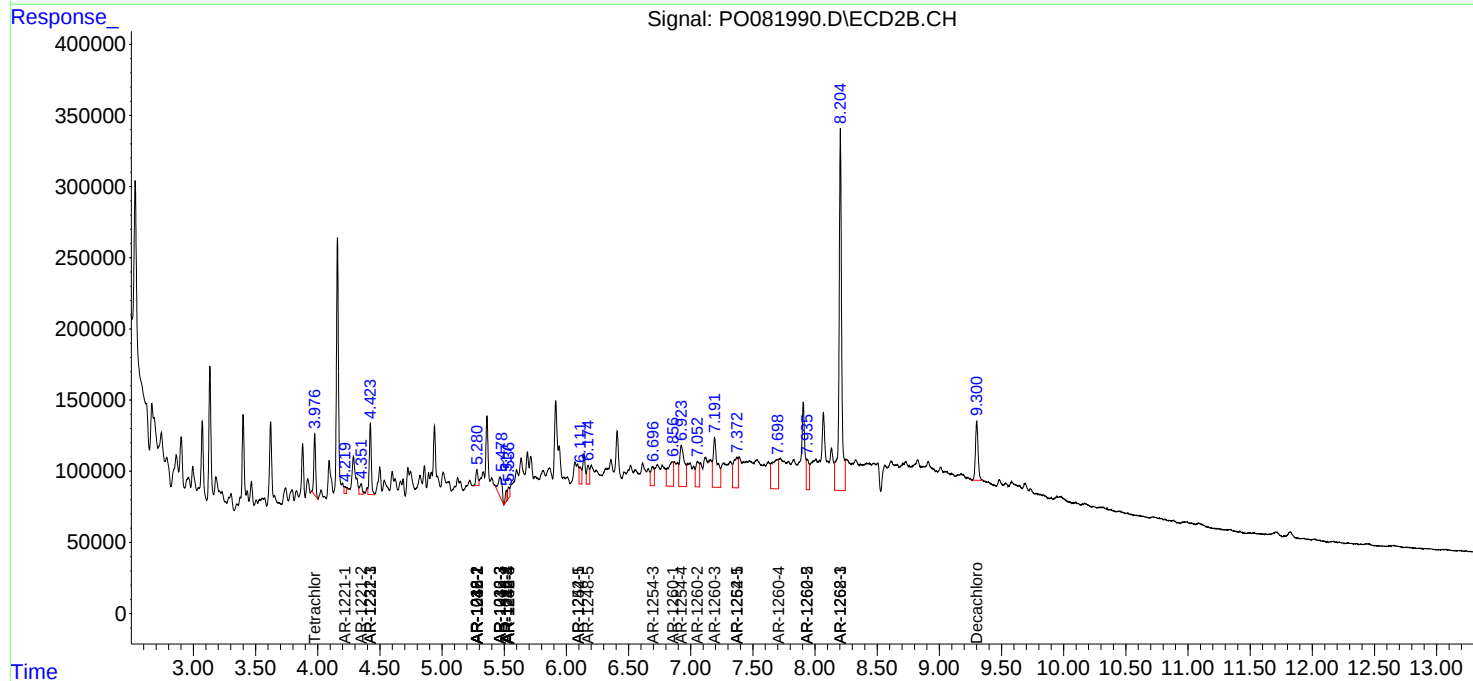
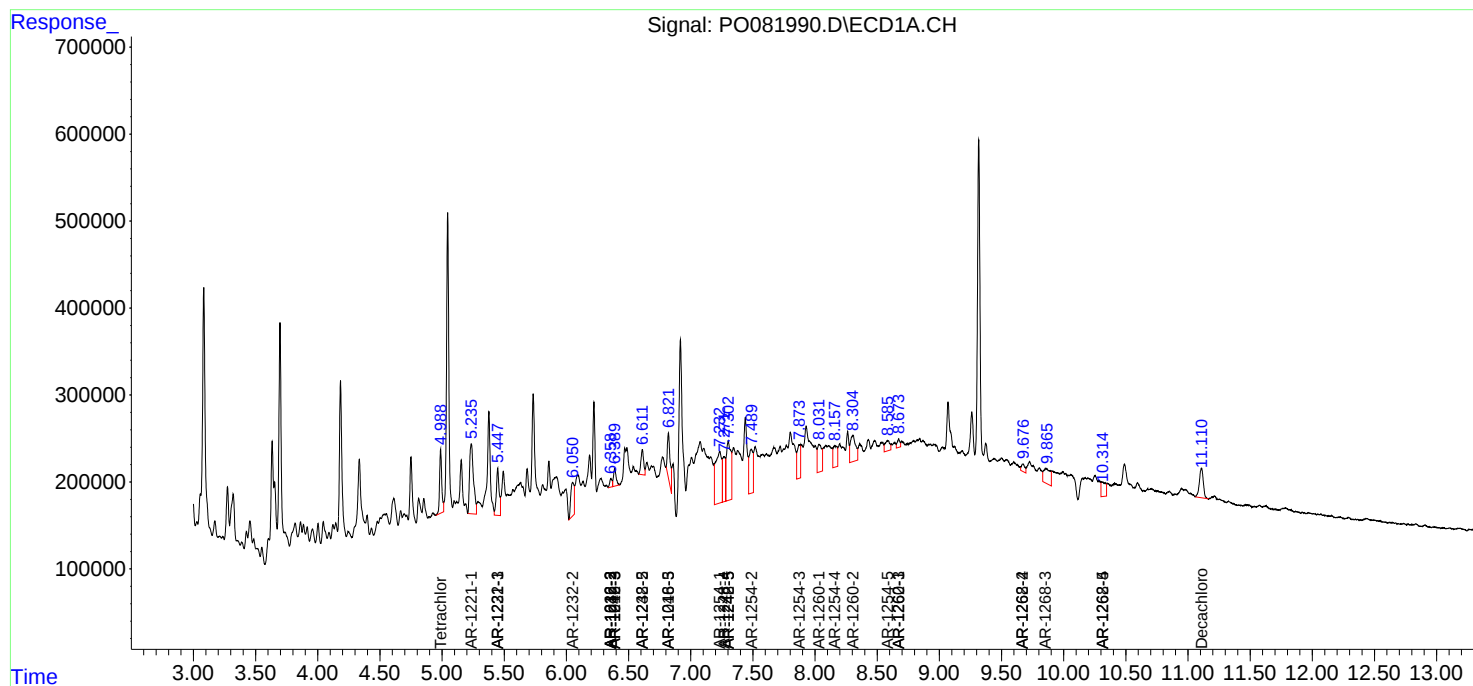
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

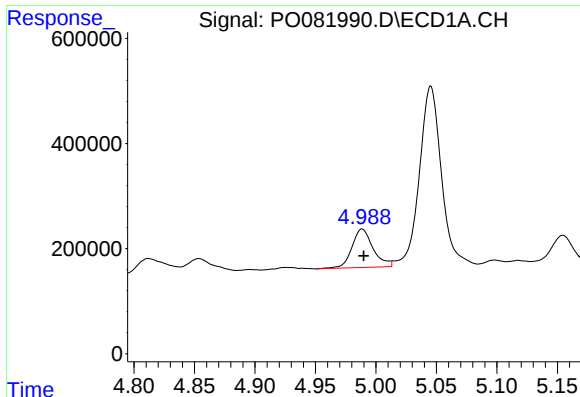
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO101121\
Data File : PO081990.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 11 Oct 2021 22:24
Operator : AJ\MA
Sample : M4170-01
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampled :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 12 02:37:24 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100621.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Oct 07 09:43:36 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

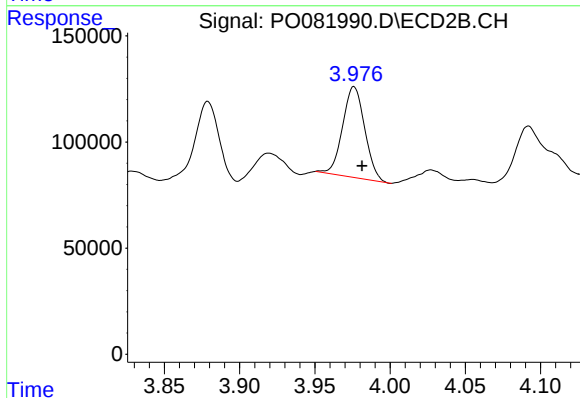




#1 Tetrachloro-m-xylene

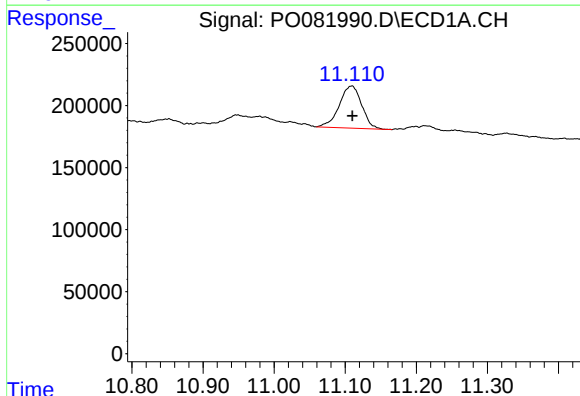
R.T.: 4.989 min
Delta R.T.: -0.001 min
Response: 893702
Conc: 10.77 ng/ml

Instrument :
ECD_O
ClientSampleId :



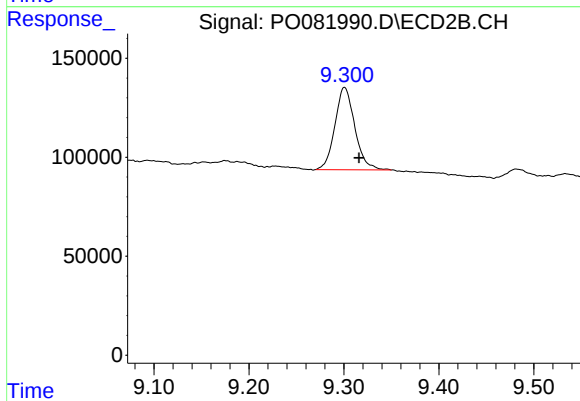
#1 Tetrachloro-m-xylene

R.T.: 3.976 min
Delta R.T.: -0.005 min
Response: 438432
Conc: 17.33 ng/ml



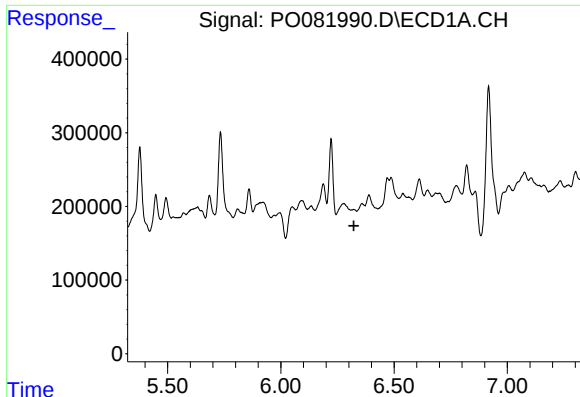
#2 Decachlorobiphenyl

R.T.: 11.109 min
Delta R.T.: 0.000 min
Response: 745728
Conc: 12.57 ng/ml



#2 Decachlorobiphenyl

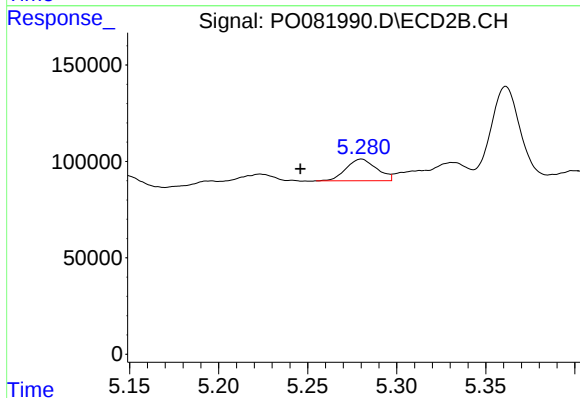
R.T.: 9.301 min
Delta R.T.: -0.015 min
Response: 606644
Conc: 25.68 ng/ml



#3 AR-1016-1

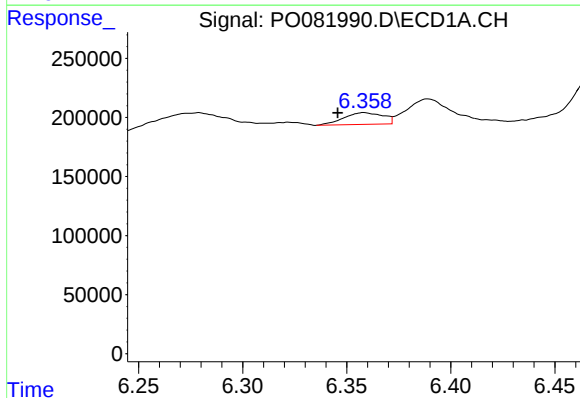
R.T.: 0.000 min
Exp R.T.: 6.322 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



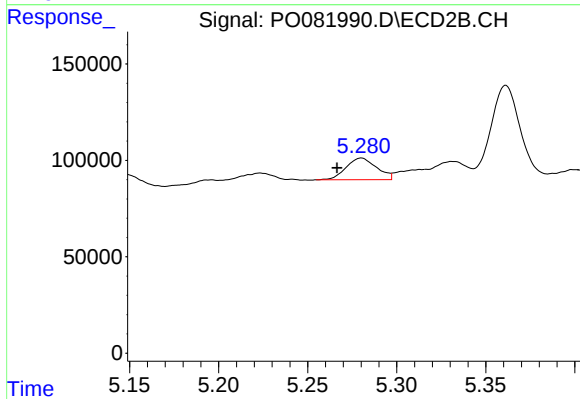
#3 AR-1016-1

R.T.: 5.280 min
Delta R.T.: 0.034 min
Response: 133528
Conc: 128.65 ng/ml



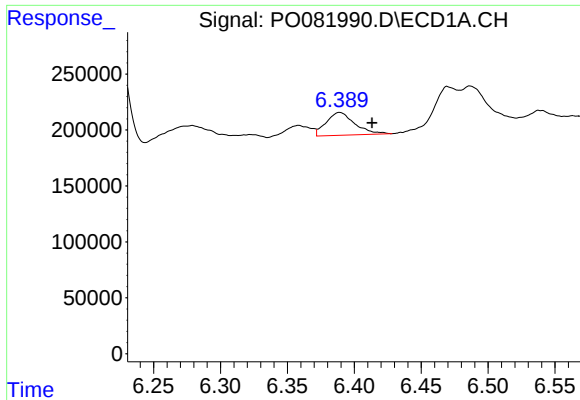
#4 AR-1016-2

R.T.: 6.358 min
Delta R.T.: 0.013 min
Response: 129988
Conc: 32.29 ng/ml



#4 AR-1016-2

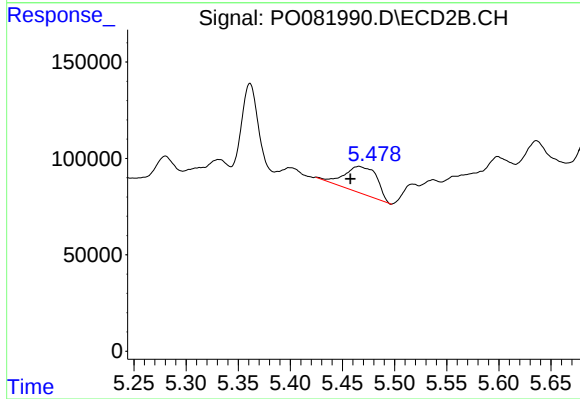
R.T.: 5.280 min
Delta R.T.: 0.014 min
Response: 133528
Conc: 93.19 ng/ml



#5 AR-1016-3

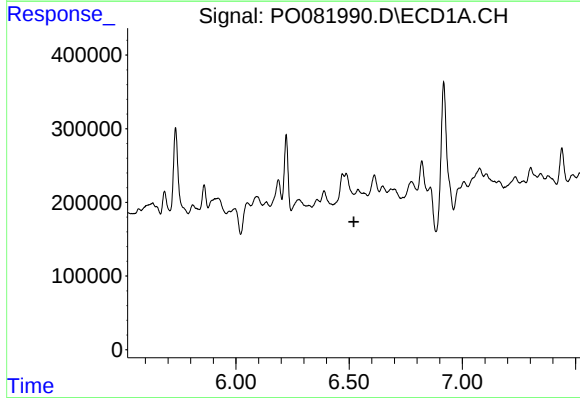
R.T.: 6.389 min
Delta R.T.: -0.024 min
Response: 303282
Conc: 123.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



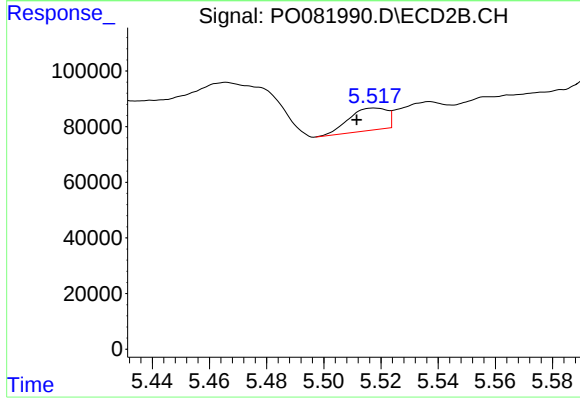
#5 AR-1016-3

R.T.: 5.466 min
Delta R.T.: 0.008 min
Response: 302592
Conc: 396.02 ng/ml



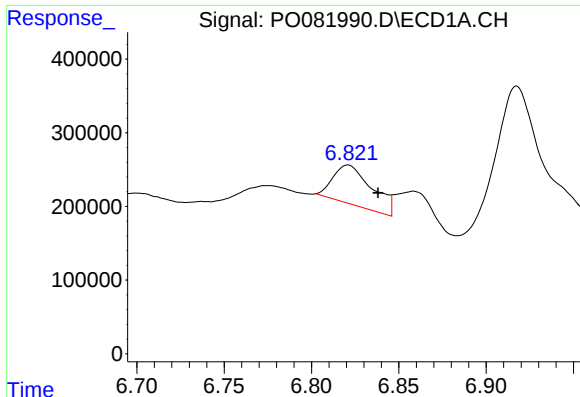
#6 AR-1016-4

R.T.: 6.539 min
Delta R.T.: 0.018 min
Response: -10071
Conc: N.D.



#6 AR-1016-4

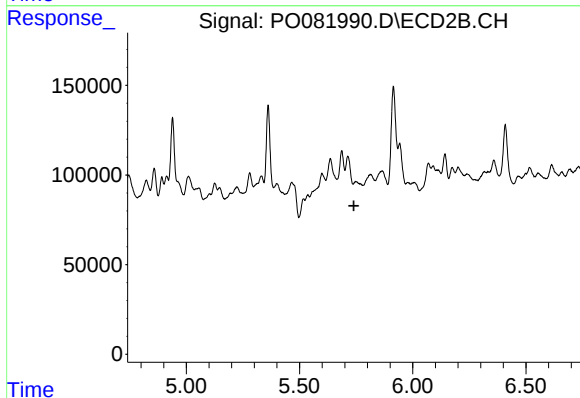
R.T.: 5.518 min
Delta R.T.: 0.006 min
Response: 74353
Conc: 116.31 ng/ml



#7 AR-1016-5

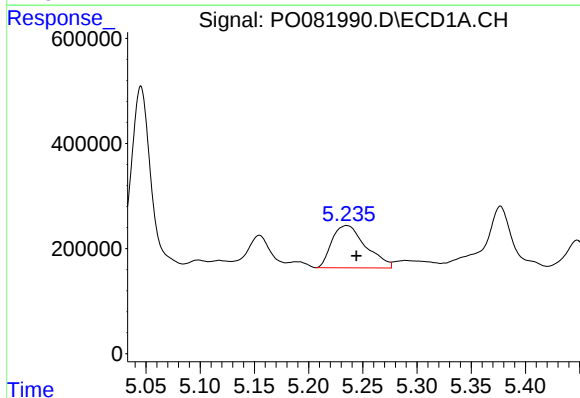
R.T.: 6.821 min
Delta R.T.: -0.017 min
Response: 828719
Conc: 438.13 ng/ml

Instrument :
ECD_O
ClientSampleId :



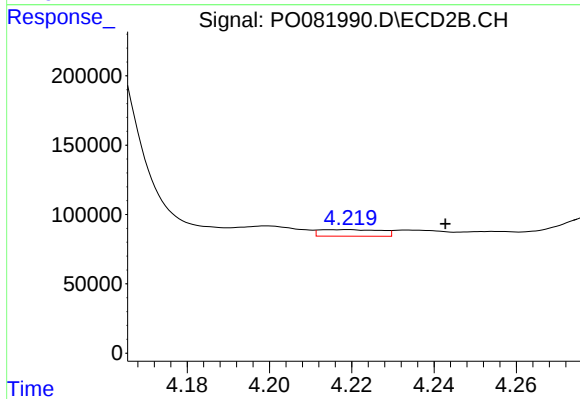
#7 AR-1016-5

R.T.: 0.000 min
Exp R.T. : 5.740 min
Response: 0
Conc: N.D.



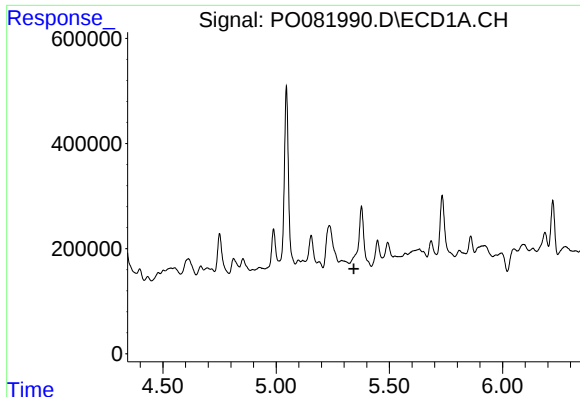
#8 AR-1221-1

R.T.: 5.235 min
Delta R.T.: -0.009 min
Response: 1752121
Conc: 1834.71 ng/ml



#8 AR-1221-1

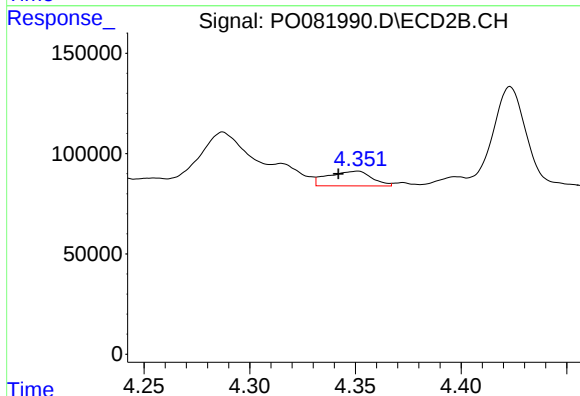
R.T.: 4.219 min
Delta R.T.: -0.024 min
Response: 48999
Conc: 158.99 ng/ml



#9 AR-1221-2

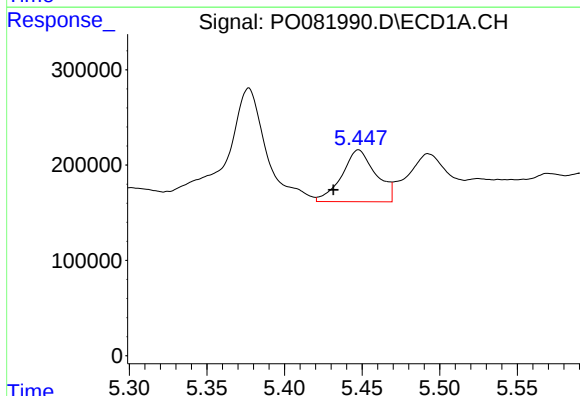
R.T.: 0.000 min
Exp R.T.: 5.343 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



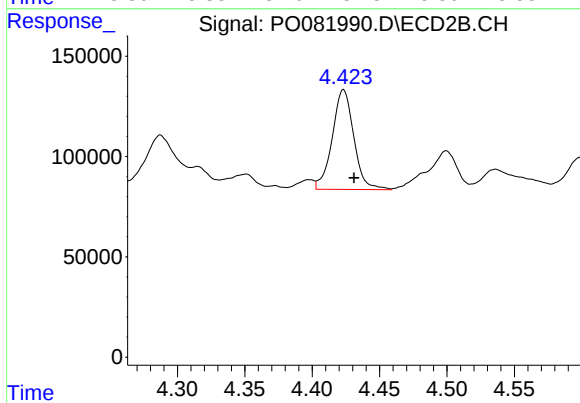
#9 AR-1221-2

R.T.: 4.351 min
Delta R.T.: 0.009 min
Response: 106593
Conc: 457.95 ng/ml



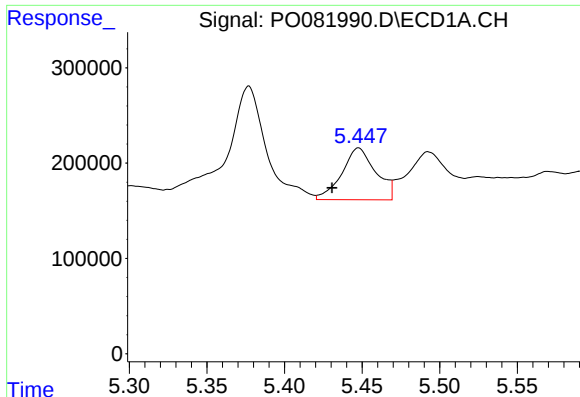
#10 AR-1221-3

R.T.: 5.448 min
Delta R.T.: 0.016 min
Response: 830611
Conc: 389.51 ng/ml



#10 AR-1221-3

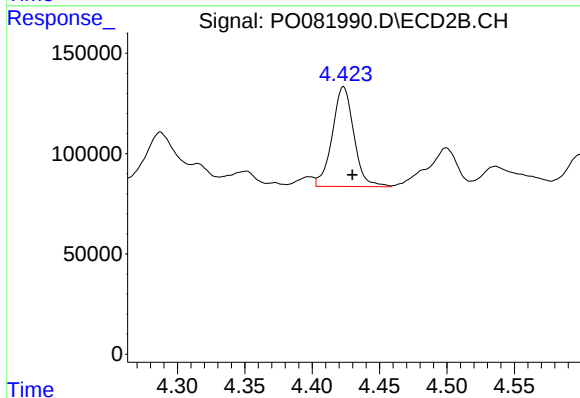
R.T.: 4.423 min
Delta R.T.: -0.008 min
Response: 555764
Conc: 736.99 ng/ml



#11 AR-1232-1

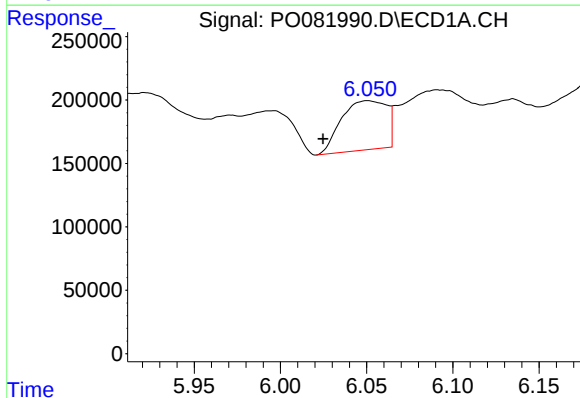
R.T.: 5.448 min
Delta R.T.: 0.017 min
Response: 830611
Conc: 497.98 ng/ml

Instrument :
ECD_O
ClientSampleId :



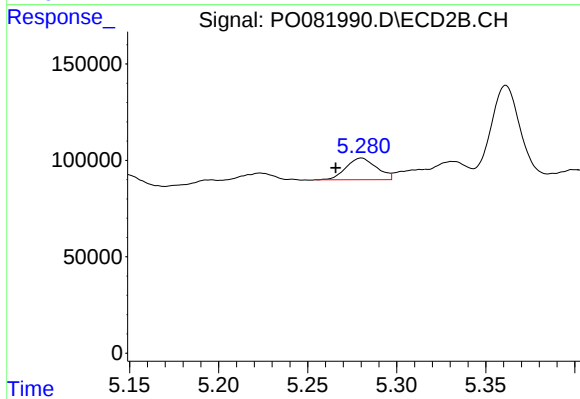
#11 AR-1232-1

R.T.: 4.423 min
Delta R.T.: -0.007 min
Response: 555764
Conc: 937.09 ng/ml



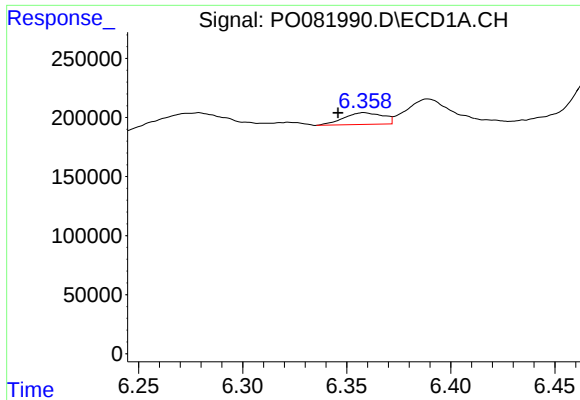
#12 AR-1232-2

R.T.: 6.051 min
Delta R.T.: 0.026 min
Response: 706323
Conc: 744.55 ng/ml



#12 AR-1232-2

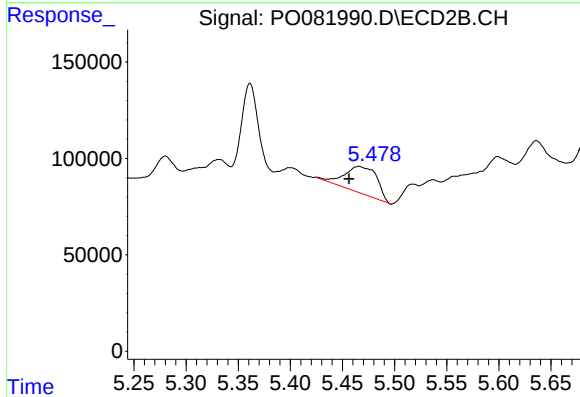
R.T.: 5.280 min
Delta R.T.: 0.015 min
Response: 133528
Conc: 220.34 ng/ml



#13 AR-1232-3

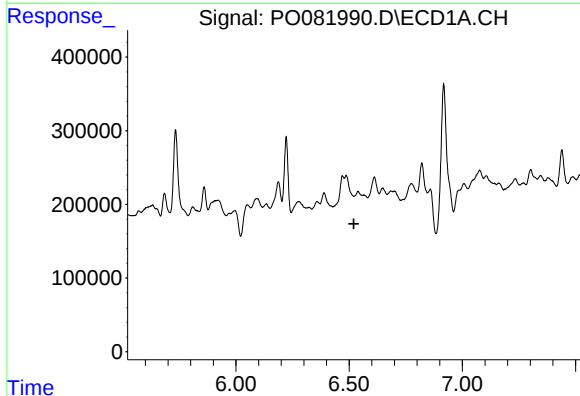
R.T.: 6.358 min
Delta R.T.: 0.012 min
Response: 129988
Conc: 77.78 ng/ml

Instrument :
ECD_O
ClientSampleId :



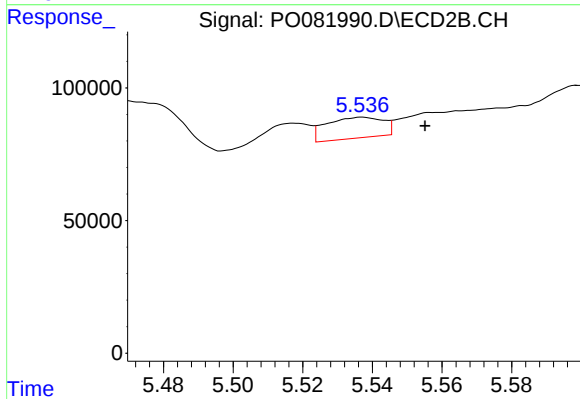
#13 AR-1232-3

R.T.: 5.466 min
Delta R.T.: 0.009 min
Response: 302592
Conc: 949.96 ng/ml



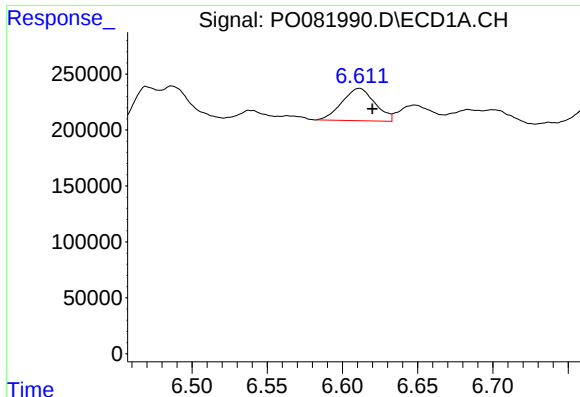
#14 AR-1232-4

R.T.: 6.539 min
Delta R.T.: 0.018 min
Response: -10071
Conc: N.D.



#14 AR-1232-4

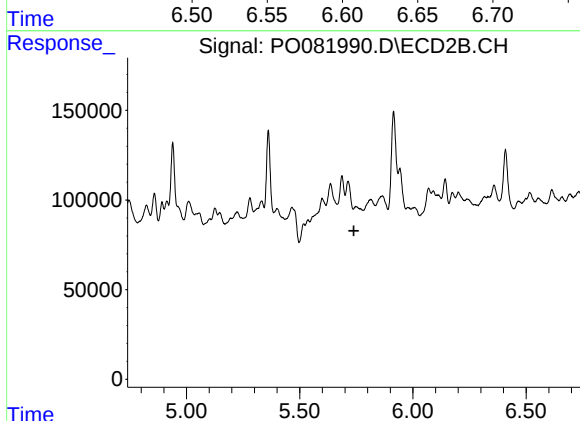
R.T.: 5.537 min
Delta R.T.: -0.018 min
Response: 88896
Conc: 289.22 ng/ml



#15 AR-1232-5

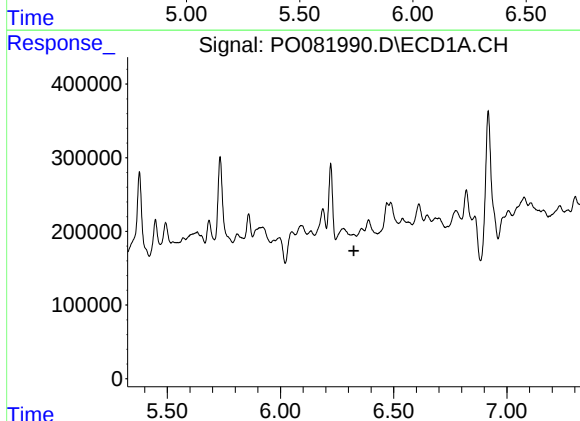
R.T.: 6.611 min
Delta R.T.: -0.009 min
Response: 439644
Conc: 728.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



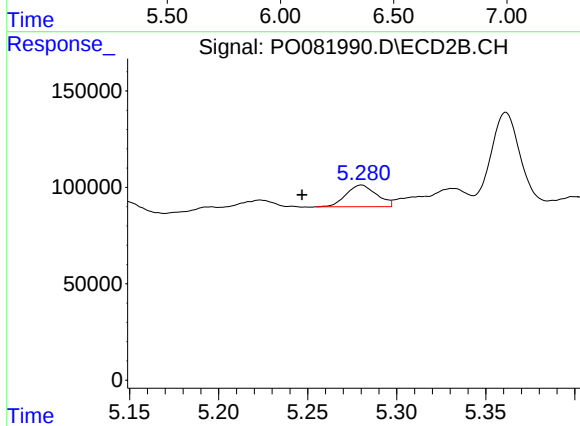
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T. : 5.739 min
Response: 0
Conc: N.D.



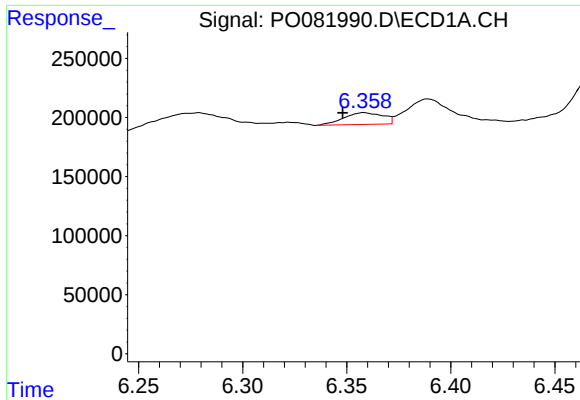
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 6.324 min
Response: 0
Conc: N.D.



#16 AR-1242-1

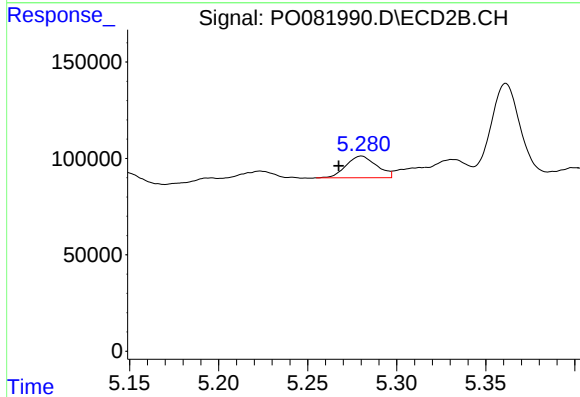
R.T.: 5.280 min
Delta R.T.: 0.033 min
Response: 133528
Conc: 172.93 ng/ml



#17 AR-1242-2

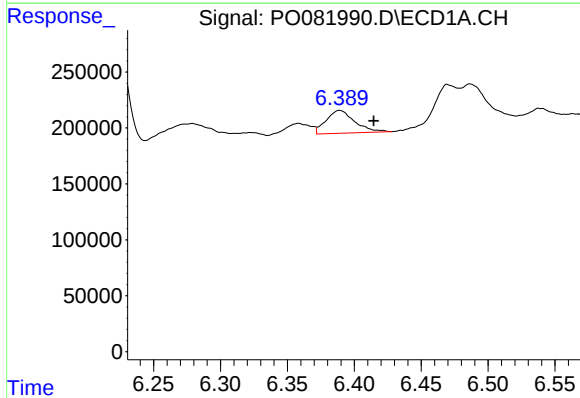
R.T.: 6.358 min
Delta R.T.: 0.010 min
Response: 129988
Conc: 44.35 ng/ml

Instrument :
ECD_O
ClientSampleId :



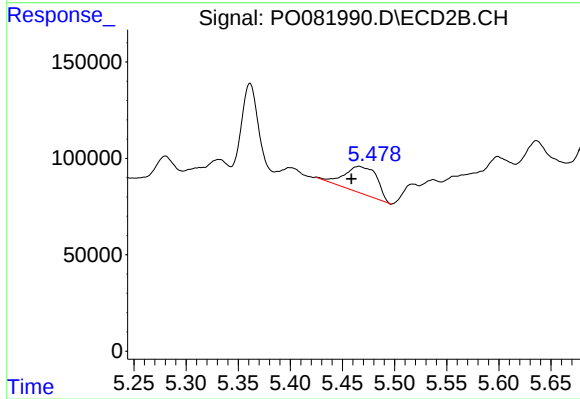
#17 AR-1242-2

R.T.: 5.280 min
Delta R.T.: 0.013 min
Response: 133528
Conc: 126.47 ng/ml



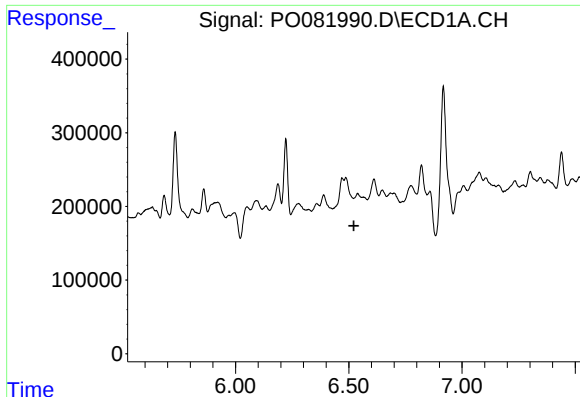
#18 AR-1242-3

R.T.: 6.389 min
Delta R.T.: -0.026 min
Response: 303282
Conc: 166.31 ng/ml



#18 AR-1242-3

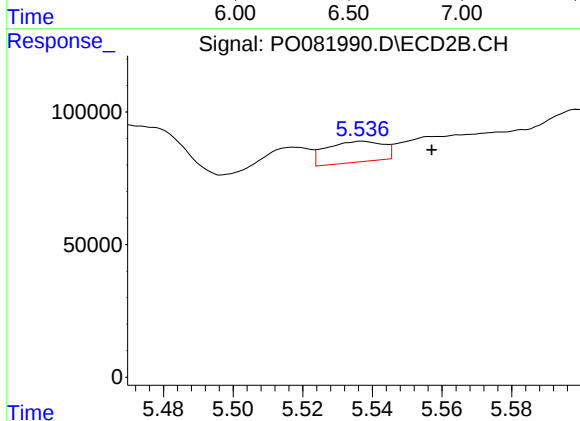
R.T.: 5.466 min
Delta R.T.: 0.007 min
Response: 302592
Conc: 535.69 ng/ml



#19 AR-1242-4

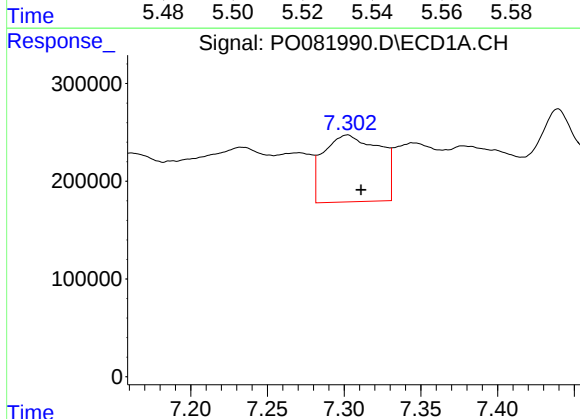
R.T.: 6.539 min
Delta R.T.: 0.016 min
Response: -10071
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



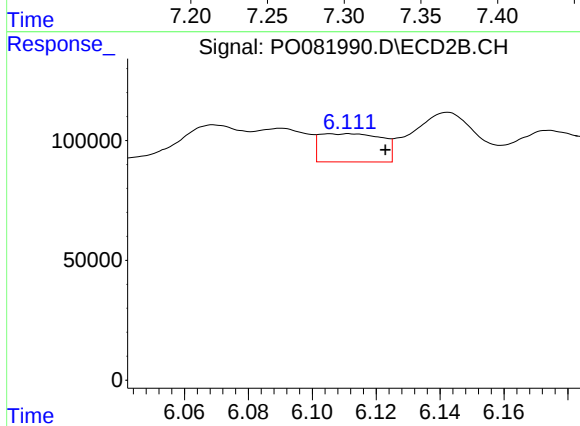
#19 AR-1242-4

R.T.: 5.537 min
Delta R.T.: -0.020 min
Response: 88896
Conc: 142.63 ng/ml



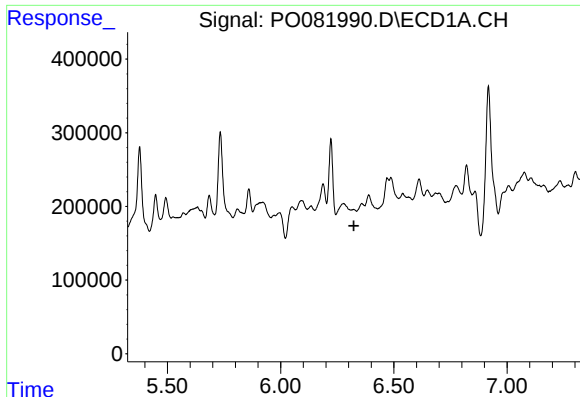
#20 AR-1242-5

R.T.: 7.302 min
Delta R.T.: -0.009 min
Response: 1748145
Conc: 1197.54 ng/ml



#20 AR-1242-5

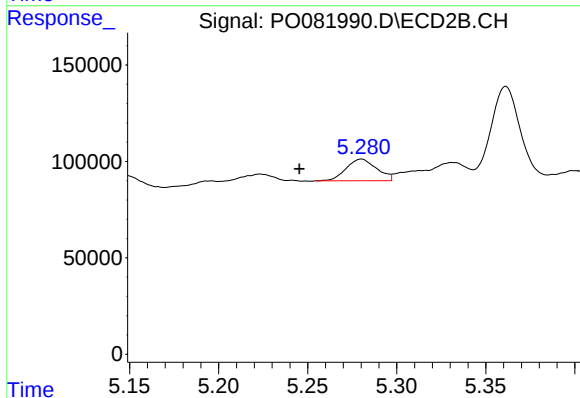
R.T.: 6.105 min
Delta R.T.: -0.017 min
Response: 159263
Conc: 218.26 ng/ml



#21 AR-1248-1

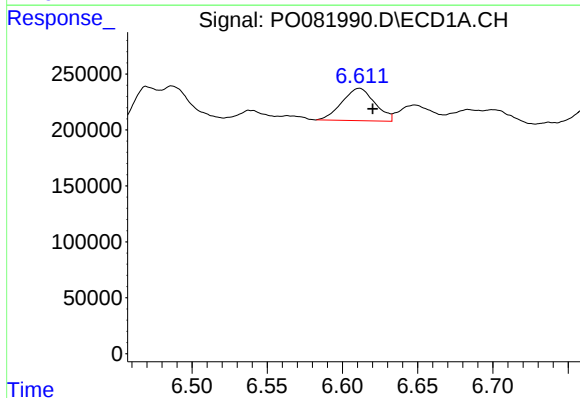
R.T.: 0.000 min
Exp R.T.: 6.323 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



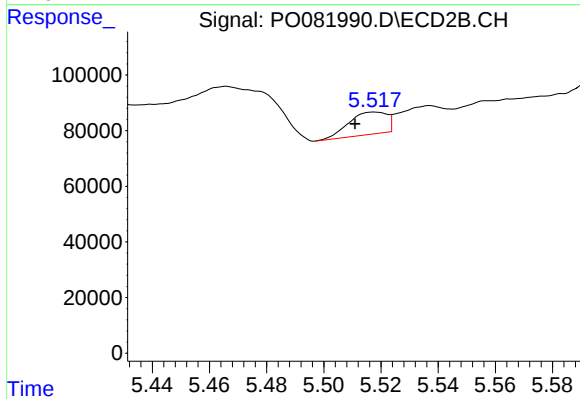
#21 AR-1248-1

R.T.: 5.280 min
Delta R.T.: 0.035 min
Response: 133528
Conc: 219.13 ng/ml



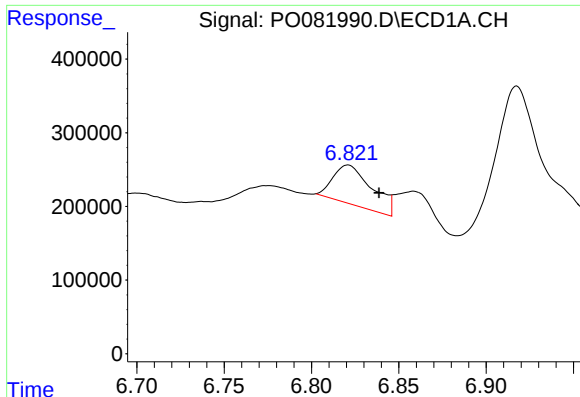
#22 AR-1248-2

R.T.: 6.611 min
Delta R.T.: -0.009 min
Response: 439644
Conc: 200.21 ng/ml



#22 AR-1248-2

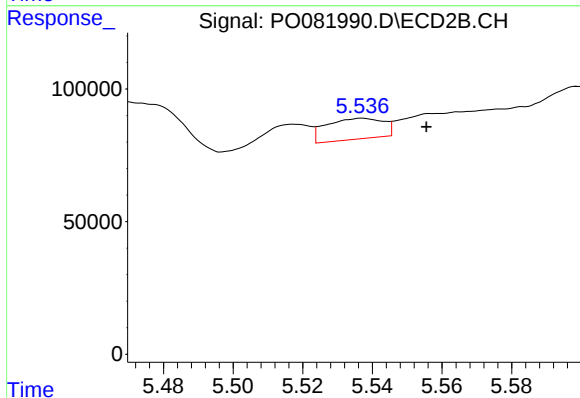
R.T.: 5.518 min
Delta R.T.: 0.007 min
Response: 74353
Conc: 88.07 ng/ml



#23 AR-1248-3

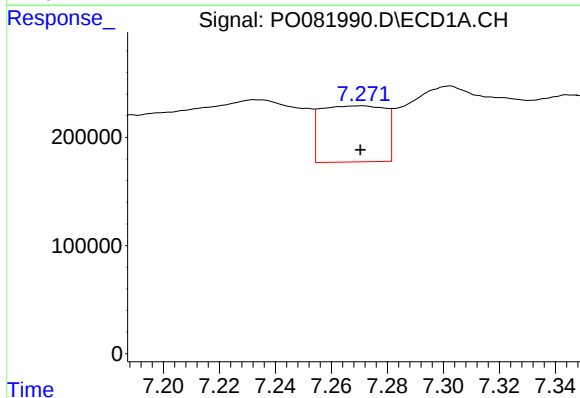
R.T.: 6.821 min
Delta R.T.: -0.018 min
Response: 828719
Conc: 337.67 ng/ml

Instrument :
ECD_O
ClientSampleId :



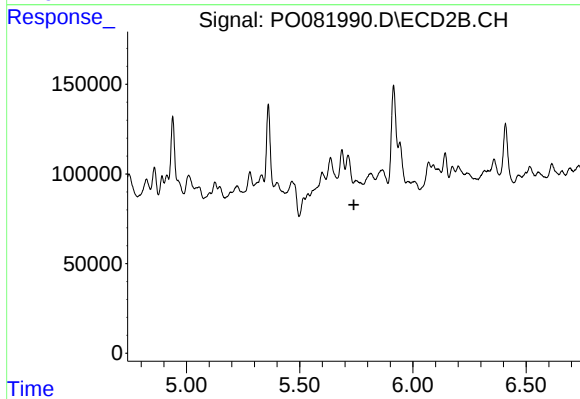
#23 AR-1248-3

R.T.: 5.537 min
Delta R.T.: -0.018 min
Response: 88896
Conc: 99.34 ng/ml



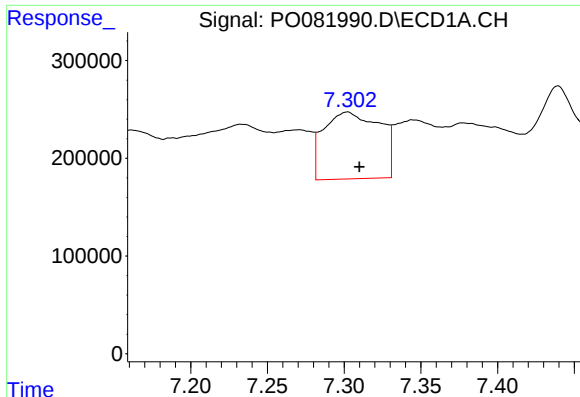
#24 AR-1248-4

R.T.: 7.271 min
Delta R.T.: 0.000 min
Response: 823875
Conc: 314.83 ng/ml



#24 AR-1248-4

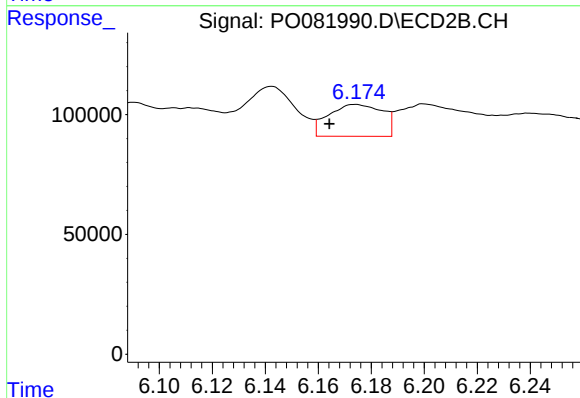
R.T.: 0.000 min
Exp R.T.: 5.739 min
Response: 0
Conc: N.D.



#25 AR-1248-5

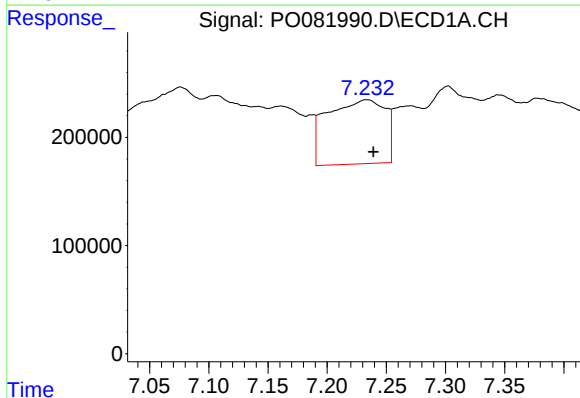
R.T.: 7.302 min
Delta R.T.: -0.008 min
Response: 1748145
Conc: 701.54 ng/ml

Instrument :
ECD_O
ClientSampleId :



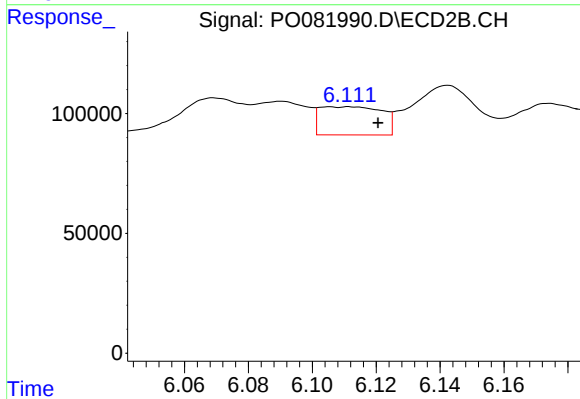
#25 AR-1248-5

R.T.: 6.174 min
Delta R.T.: 0.010 min
Response: 188120
Conc: 197.23 ng/ml



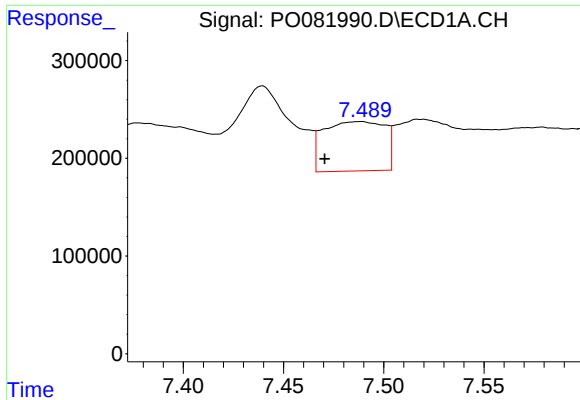
#26 AR-1254-1

R.T.: 7.233 min
Delta R.T.: -0.006 min
Response: 2016120
Conc: 736.97 ng/ml



#26 AR-1254-1

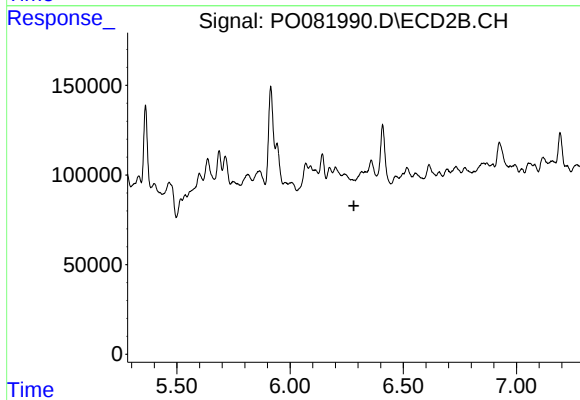
R.T.: 6.105 min
Delta R.T.: -0.015 min
Response: 159263
Conc: 110.98 ng/ml



#27 AR-1254-2

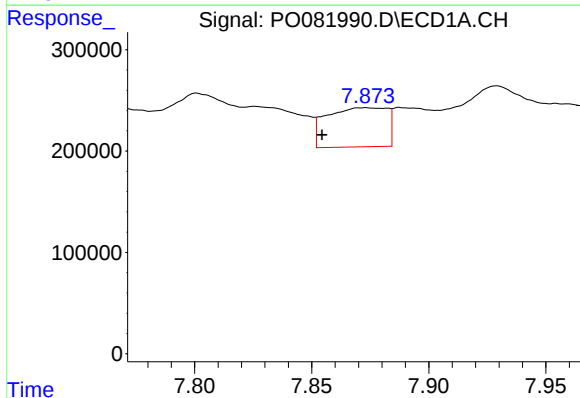
R.T.: 7.488 min
Delta R.T.: 0.018 min
Response: 1071839
Conc: 262.71 ng/ml

Instrument :
ECD_O
ClientSampleId :



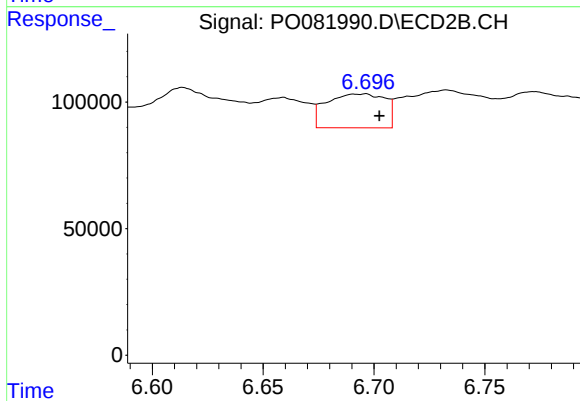
#27 AR-1254-2

R.T.: 0.000 min
Exp R.T. : 6.282 min
Response: 0
Conc: N.D.



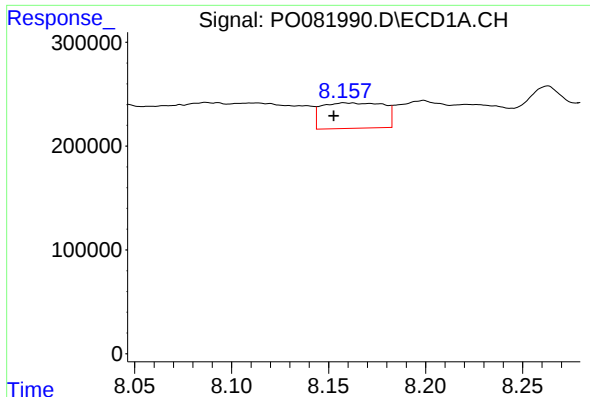
#28 AR-1254-3

R.T.: 7.873 min
Delta R.T.: 0.018 min
Response: 692520
Conc: 169.72 ng/ml



#28 AR-1254-3

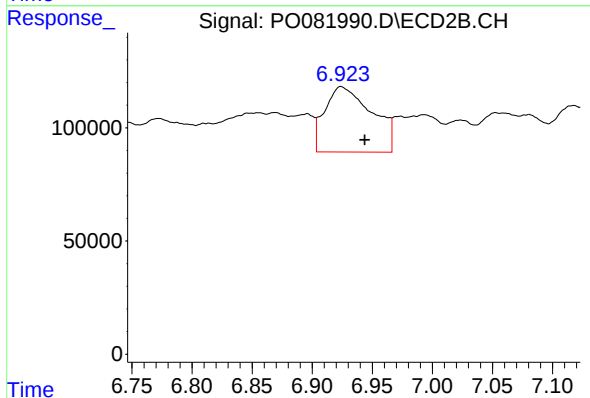
R.T.: 6.696 min
Delta R.T.: -0.006 min
Response: 245547
Conc: 123.28 ng/ml



#29 AR-1254-4

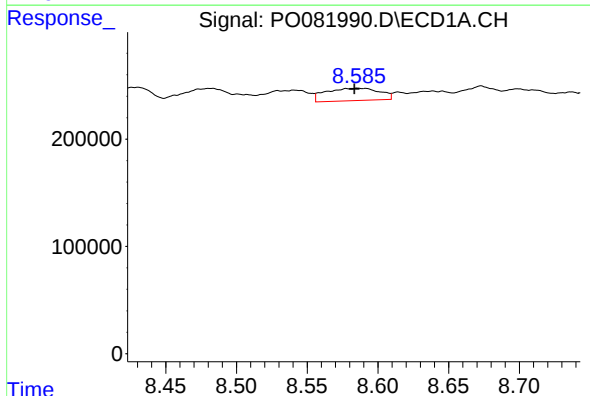
R.T.: 8.158 min
Delta R.T.: 0.005 min
Response: 544515
Conc: 181.56 ng/ml

Instrument :
ECD_O
ClientSampleId :



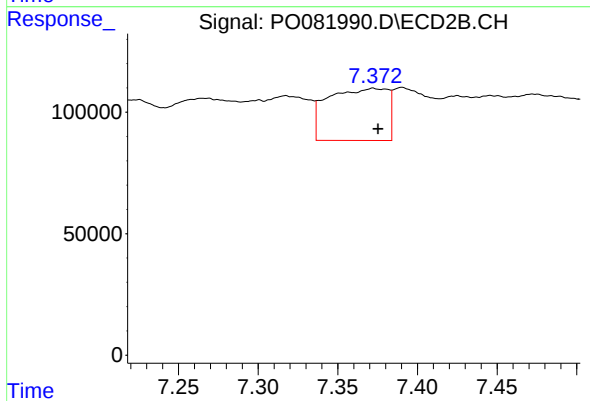
#29 AR-1254-4

R.T.: 6.924 min
Delta R.T.: -0.020 min
Response: 790197
Conc: 618.68 ng/ml



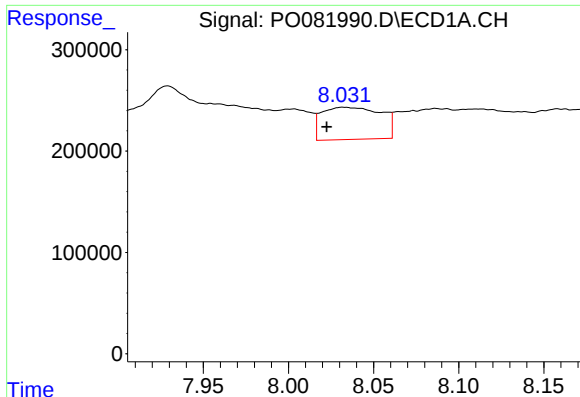
#30 AR-1254-5

R.T.: 8.586 min
Delta R.T.: 0.003 min
Response: 306793
Conc: 93.97 ng/ml



#30 AR-1254-5

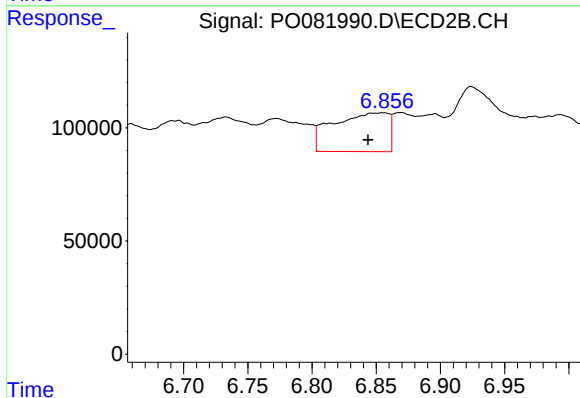
R.T.: 7.372 min
Delta R.T.: -0.003 min
Response: 559561
Conc: 309.22 ng/ml



#31 AR-1260-1

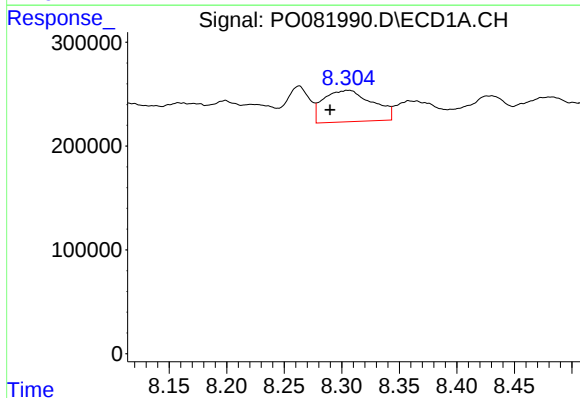
R.T.: 8.032 min
Delta R.T.: 0.010 min
Response: 770566
Conc: 245.42 ng/ml

Instrument :
ECD_O
ClientSampleId :



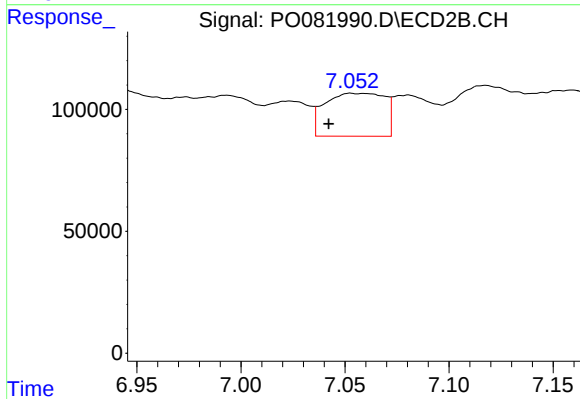
#31 AR-1260-1

R.T.: 6.855 min
Delta R.T.: 0.012 min
Response: 516622
Conc: 358.85 ng/ml



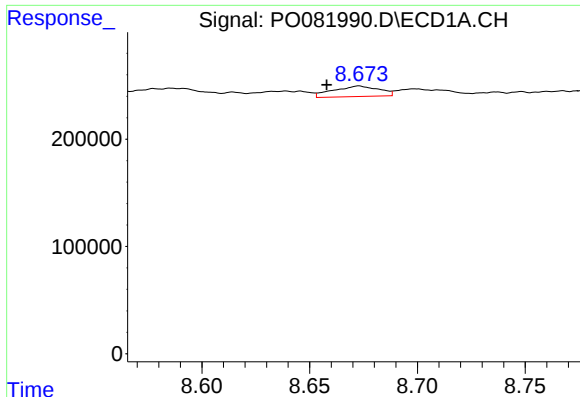
#32 AR-1260-2

R.T.: 8.306 min
Delta R.T.: 0.016 min
Response: 893410
Conc: 241.91 ng/ml



#32 AR-1260-2

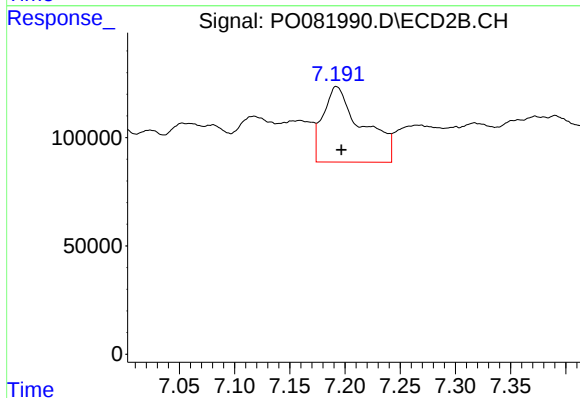
R.T.: 7.053 min
Delta R.T.: 0.011 min
Response: 352040
Conc: 203.90 ng/ml



#33 AR-1260-3

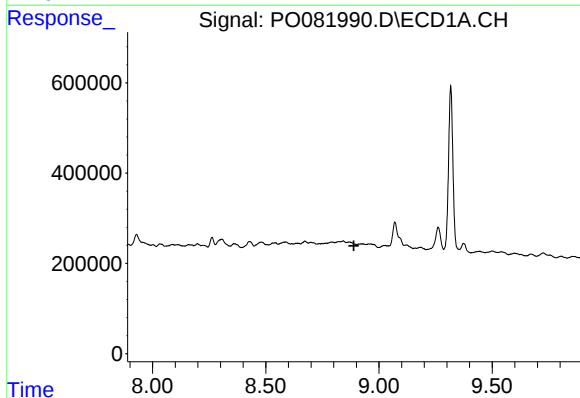
R.T.: 8.673 min
Delta R.T.: 0.015 min
Response: 144051
Conc: 58.26 ng/ml

Instrument :
ECD_O
ClientSampleId :



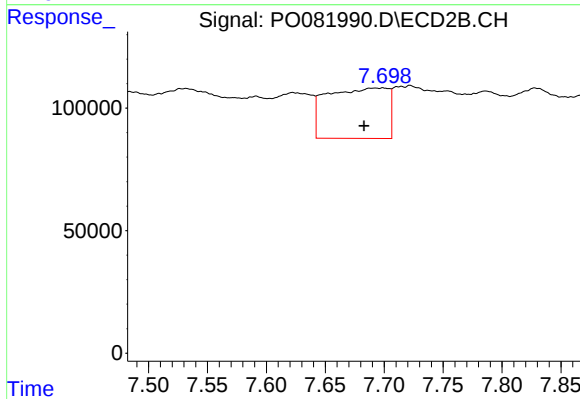
#33 AR-1260-3

R.T.: 7.192 min
Delta R.T.: -0.005 min
Response: 863710
Conc: 528.15 ng/ml



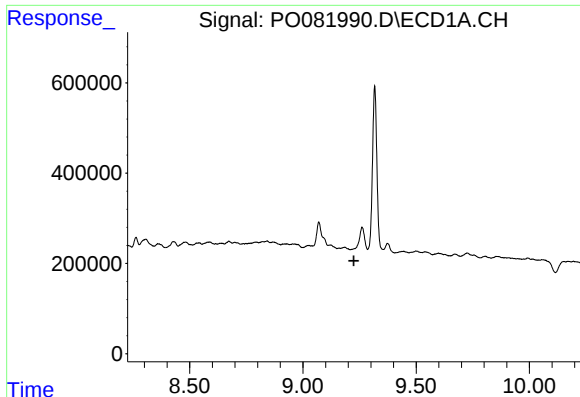
#34 AR-1260-4

R.T.: 0.000 min
Exp R.T. : 8.889 min
Response: 0
Conc: N.D.



#34 AR-1260-4

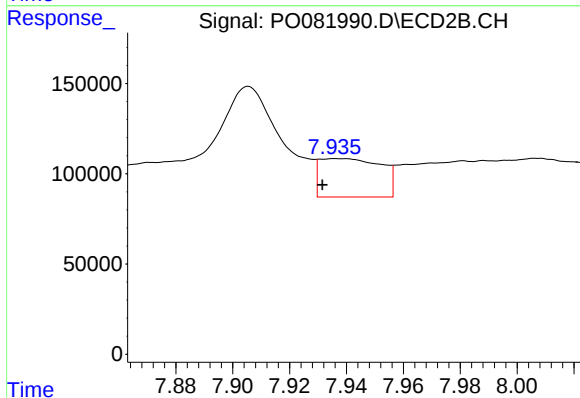
R.T.: 7.699 min
Delta R.T.: 0.016 min
Response: 741098
Conc: 616.39 ng/ml



#35 AR-1260-5

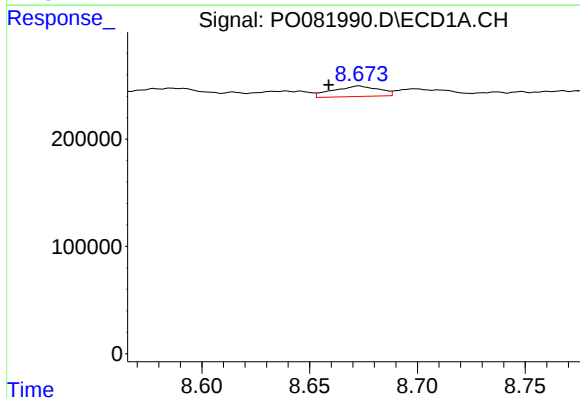
R.T.: 0.000 min
Exp R.T.: 9.225 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



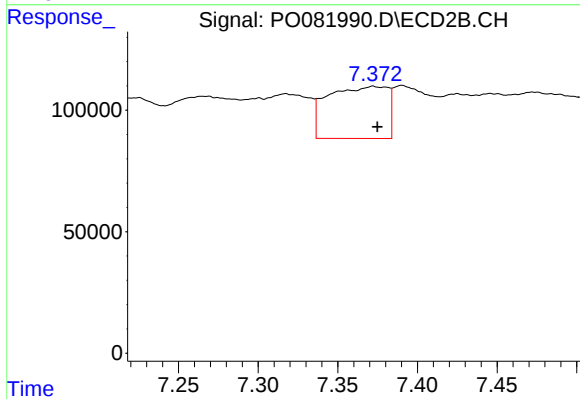
#35 AR-1260-5

R.T.: 7.937 min
Delta R.T.: 0.005 min
Response: 319612
Conc: 112.97 ng/ml



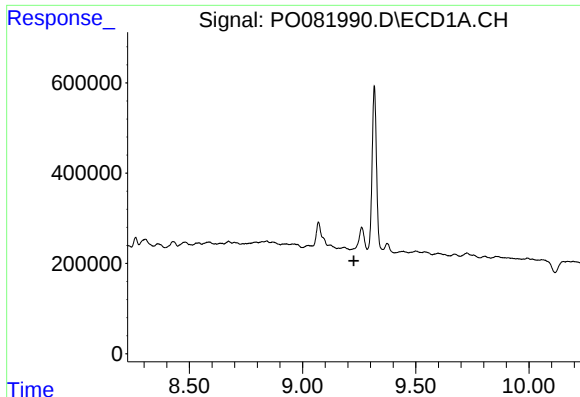
#36 AR-1262-1

R.T.: 8.673 min
Delta R.T.: 0.014 min
Response: 144051
Conc: 36.64 ng/ml



#36 AR-1262-1

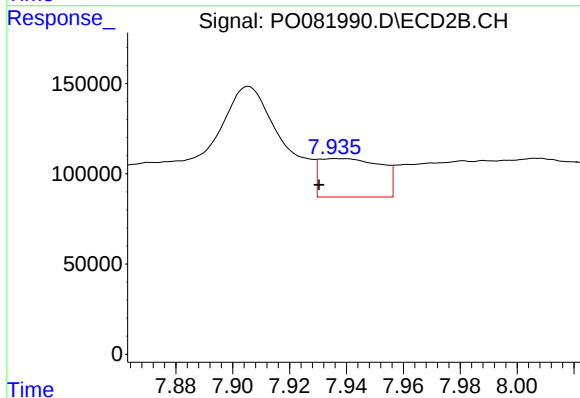
R.T.: 7.372 min
Delta R.T.: -0.003 min
Response: 559561
Conc: 559.92 ng/ml



#37 AR-1262-2

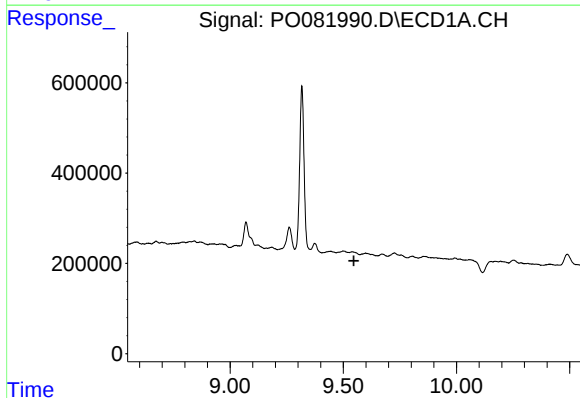
R.T.: 0.000 min
Exp R.T.: 9.227 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



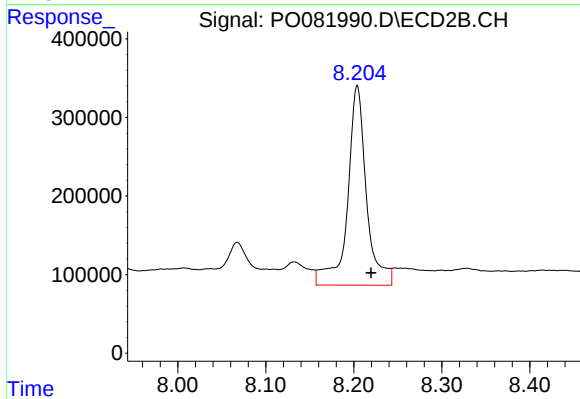
#37 AR-1262-2

R.T.: 7.937 min
Delta R.T.: 0.006 min
Response: 319612
Conc: 99.22 ng/ml



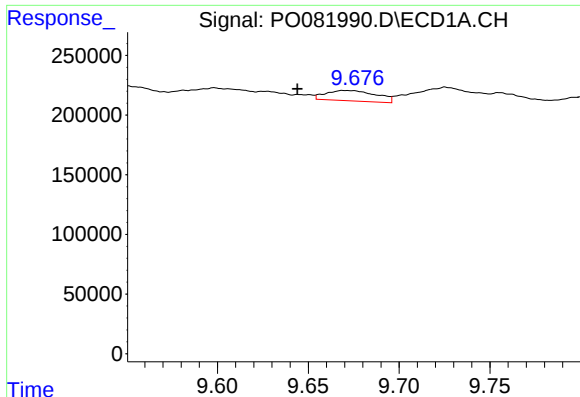
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T.: 9.547 min
Response: 0
Conc: N.D.



#38 AR-1262-3

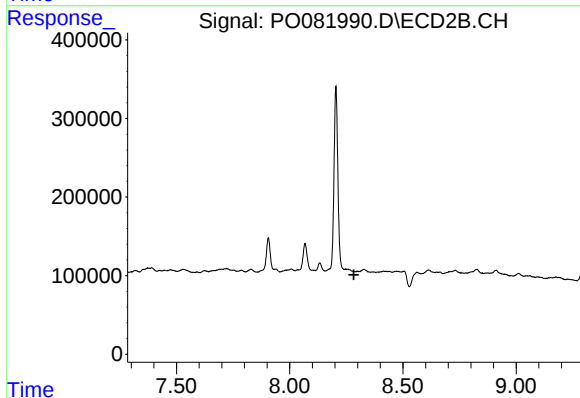
R.T.: 8.204 min
Delta R.T.: -0.016 min
Response: 3793699
Conc: 2841.60 ng/ml



#39 AR-1262-4

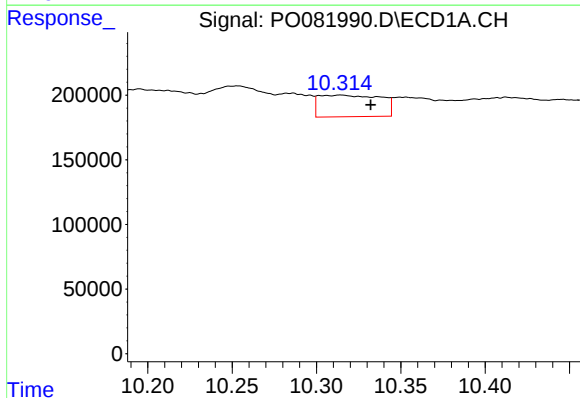
R.T.: 9.670 min
Delta R.T.: 0.026 min
Response: 167710
Conc: 83.02 ng/ml

Instrument :
ECD_O
ClientSampleId :



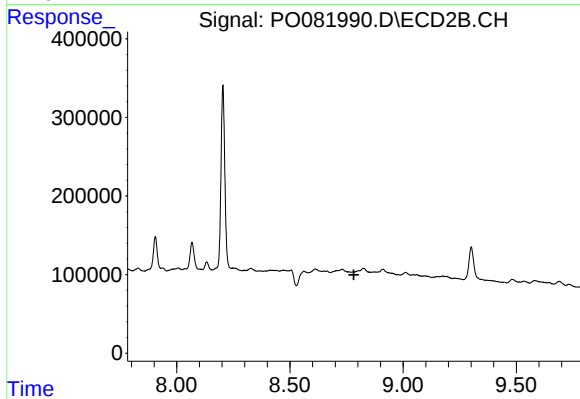
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T. : 8.284 min
Response: 0
Conc: N.D.



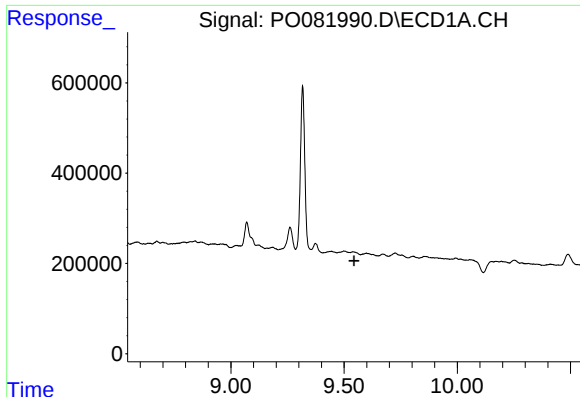
#40 AR-1262-5

R.T.: 10.314 min
Delta R.T.: -0.018 min
Response: 424160
Conc: 164.42 ng/ml



#40 AR-1262-5

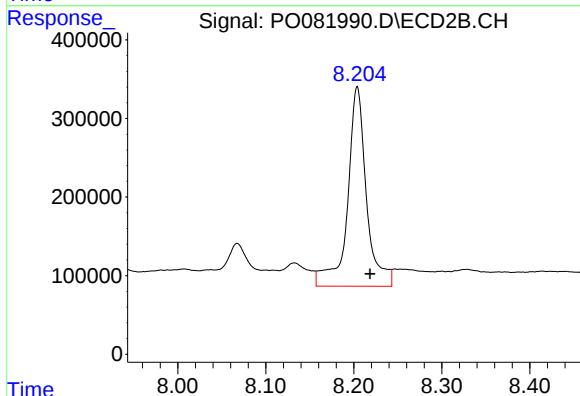
R.T.: 0.000 min
Exp R.T. : 8.782 min
Response: 0
Conc: N.D.



#41 AR-1268-1

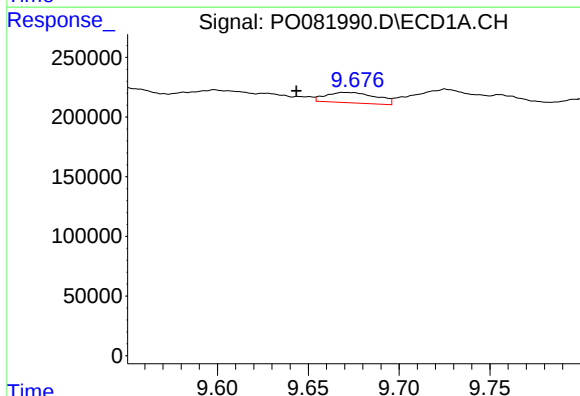
R.T.: 0.000 min
Exp R.T.: 9.544 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



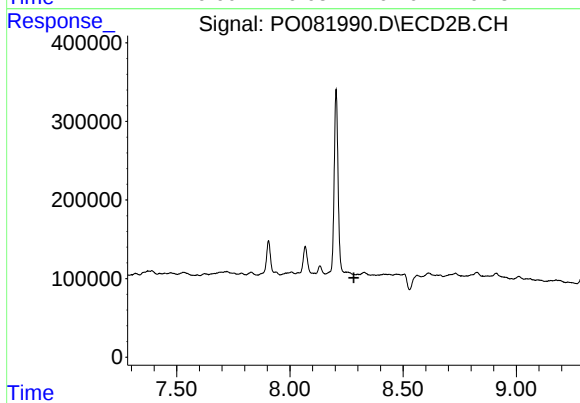
#41 AR-1268-1

R.T.: 8.204 min
Delta R.T.: -0.015 min
Response: 3793699
Conc: 963.97 ng/ml



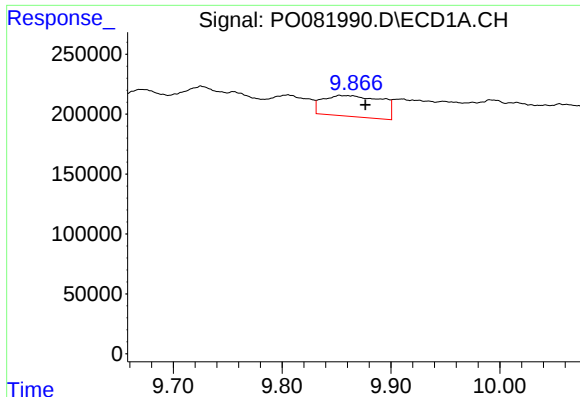
#42 AR-1268-2

R.T.: 9.670 min
Delta R.T.: 0.027 min
Response: 167710
Conc: 21.31 ng/ml



#42 AR-1268-2

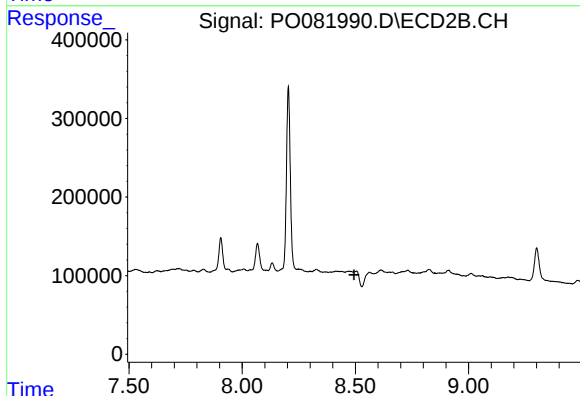
R.T.: 0.000 min
Exp R.T.: 8.283 min
Response: 0
Conc: N.D.



#43 AR-1268-3

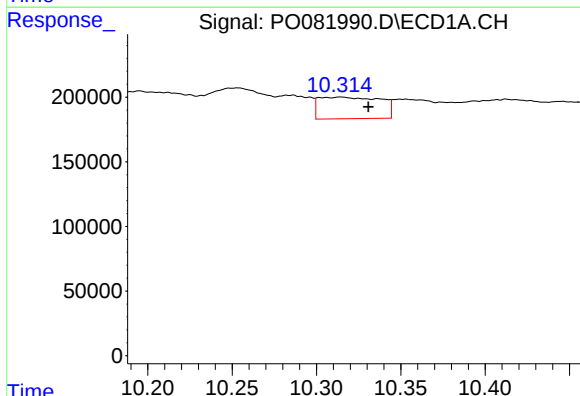
R.T.: 9.853 min
Delta R.T.: -0.024 min
Response: 654280
Conc: 95.75 ng/ml

Instrument :
ECD_O
ClientSampleId :



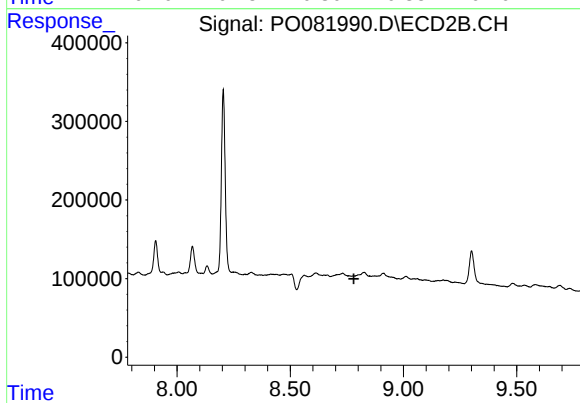
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 8.494 min
Response: 0
Conc: N.D.



#44 AR-1268-4

R.T.: 10.314 min
Delta R.T.: -0.016 min
Response: 424160
Conc: 142.03 ng/ml



#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 8.781 min
Response: 0
Conc: N.D.