

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0020820\
 Data File : P0066350.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 07 Feb 2020 9:07
 Operator : DD\AJ
 Sample : L1408-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 07 23:15:50 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0020720.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Feb 06 18:14:46 2020
 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...	4.144	3.421	905929	1134418	32.117	28.888
2)	SA Decachlor...	9.640	8.320	762445	1073296	18.463	18.447
Target Compounds							
3)	L1 AR-1016-1	5.229	4.477	78401	27057	63.828	18.424 #
4)	L1 AR-1016-2	0.000	4.502	0	3455	N.D.	1.212 #
5)	L1 AR-1016-3	0.000	4.685	0	56314	N.D.	45.229 #
6)	L1 AR-1016-4	5.510	4.720	30295	49919	32.531	48.648 #
7)	L1 AR-1016-5	5.763	4.954	24081	172225	25.192	128.678 #
9)	L2 AR-1221-2	0.000	3.716	0	14898	N.D.	50.042 #
10)	L2 AR-1221-3	0.000	3.785	0	6984	N.D.	6.898 #
11)	L3 AR-1232-1	0.000	3.785	0	6984	N.D.	9.135 #
12)	L3 AR-1232-2	0.000	4.502	0	3455	N.D.	3.266 #
13)	L3 AR-1232-3	0.000	4.685	0	56314	N.D.	119.584 #
14)	L3 AR-1232-4	5.510	4.773	30295	113380	88.987	283.450 #
15)	L3 AR-1232-5	5.510	4.954	30295	172225	125.196	380.807 #
16)	L4 AR-1242-1	5.229	4.477	78401	27057	91.548	26.048 #
17)	L4 AR-1242-2	0.000	4.502	0	3455	N.D.	1.741 #
18)	L4 AR-1242-3	0.000	4.685	0	56314	N.D.	63.284 #
19)	L4 AR-1242-4	5.510	4.773	30295	113380	46.473	130.529 #
20)	L4 AR-1242-5	6.166	5.267	13090	37914	16.211	28.895 #
21)	L5 AR-1248-1	5.229	4.477	78401	27057	114.644	33.275 #
22)	L5 AR-1248-2	5.510	4.720	30295	49919	32.271	39.572
23)	L5 AR-1248-3	5.763	4.773	24081	113380	20.935	88.395 #
24)	L5 AR-1248-4	6.166	4.954	13090	172225	8.883	107.905 #
25)	L5 AR-1248-5	6.166	5.287	13090	51353	9.343	28.881 #
26)	L6 AR-1254-1	6.137	5.267	4128	37914	2.838	13.592 #
27)	L6 AR-1254-2	6.353	5.410	97013	109088	39.504	41.771
28)	L6 AR-1254-3	6.722	5.807	138314	25640	51.364	6.021 #
29)	L6 AR-1254-4	6.999	6.037	104363	63169	45.203	20.613 #
30)	L6 AR-1254-5	7.414	6.450	150329	180089	63.973	40.948 #
31)	L7 AR-1260-1	6.875	5.939	166189	86716	78.092	26.206 #
32)	L7 AR-1260-2	7.130	6.126	157277	162187	51.147	31.532 #
33)	L7 AR-1260-3	7.488	6.277	52393	54917	19.864	14.011 #
34)	L7 AR-1260-4	7.709	6.743	64374	80862	25.847	22.321
35)	L7 AR-1260-5	8.018	6.986	70814	137057	12.563	14.255
36)	L8 AR-1262-1	7.488	6.542	52393	42064	15.168	17.590
37)	L8 AR-1262-2	8.018	6.986	70814	137057	12.232	13.741
38)	L8 AR-1262-3	8.300	7.264	63548	76469	17.252	19.965
39)	L8 AR-1262-4	0.000	7.330	0	97304	N.D.	15.201 #
40)	L8 AR-1262-5	0.000	7.824	0	30255	N.D.	11.109 #
41)	L9 AR-1268-1	8.300	7.264	63548	76469	8.622	6.149 #
42)	L9 AR-1268-2	0.000	7.330	0	97304	N.D.	9.220 #

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Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 07 Feb 2020 9:07
Operator : DD\AJ
Sample : L1408-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 07 23:15:50 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0020720.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Feb 06 18:14:46 2020
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
43) L9	AR-1268-3	0.000	7.528	0	109605	N.D.	12.524 #
44) L9	AR-1268-4	0.000	7.824	0	30255	N.D.	9.278 #
45) L9	AR-1268-5	9.346	8.091	33973	46838	2.184	1.983

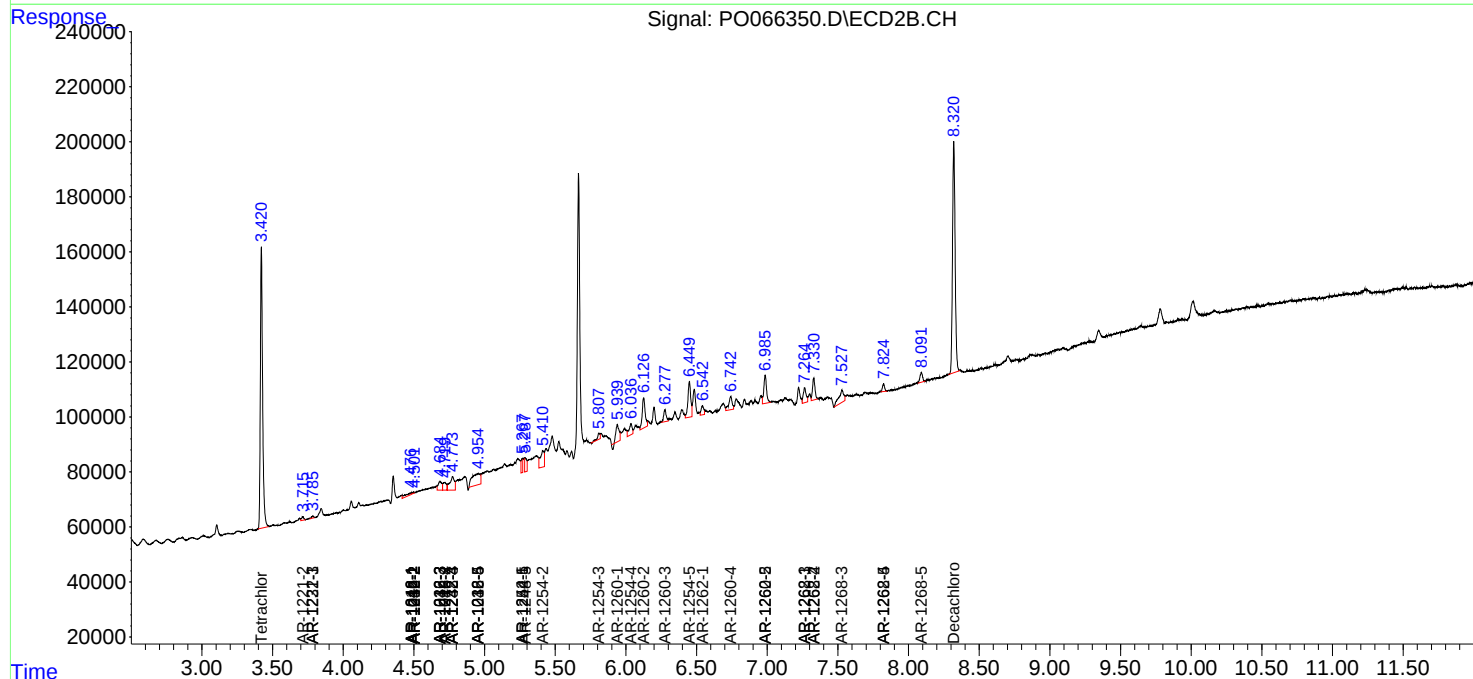
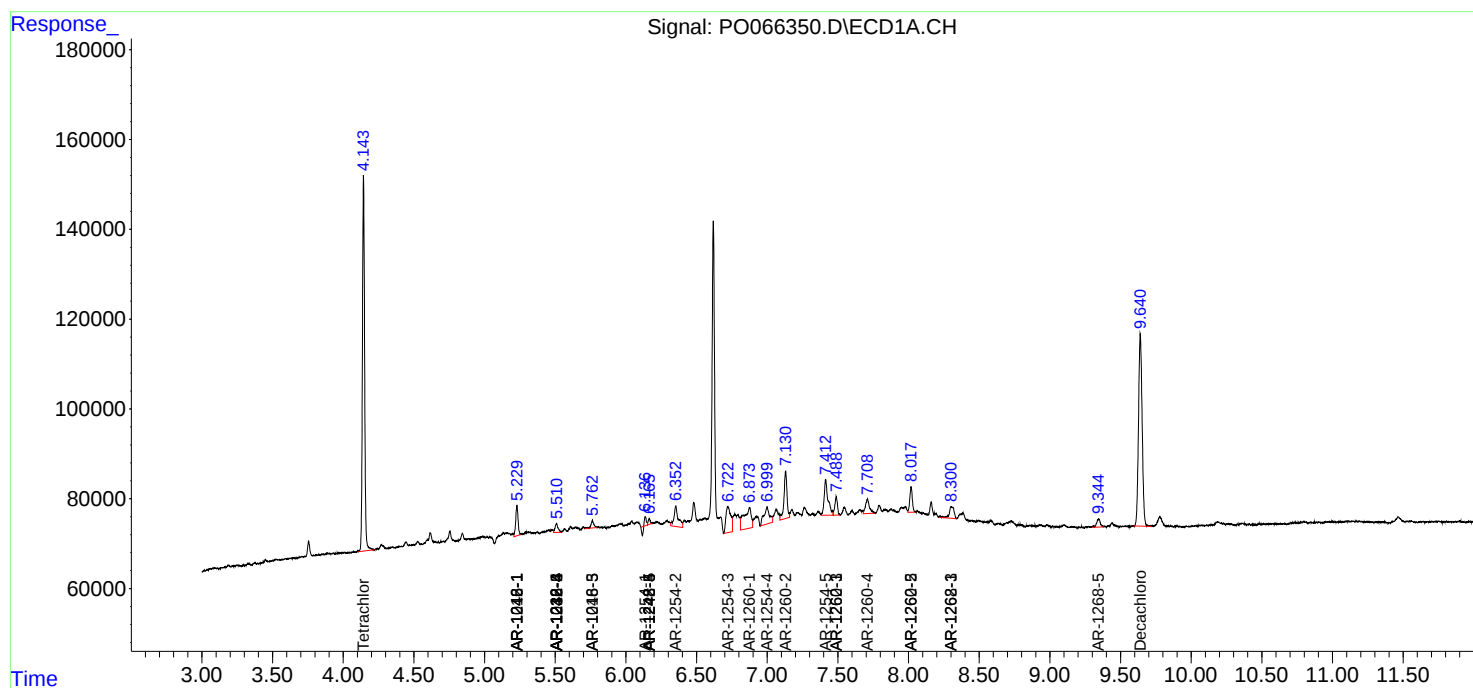
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

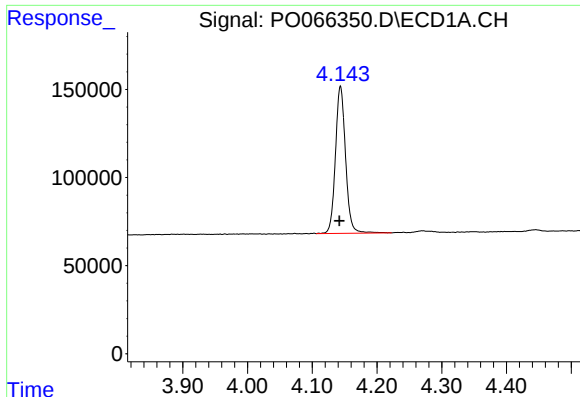
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0020820\
Data File : P0066350.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 07 Feb 2020 9:07
Operator : DD\AJ
Sample : L1408-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampled :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 07 23:15:50 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0020720.M
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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

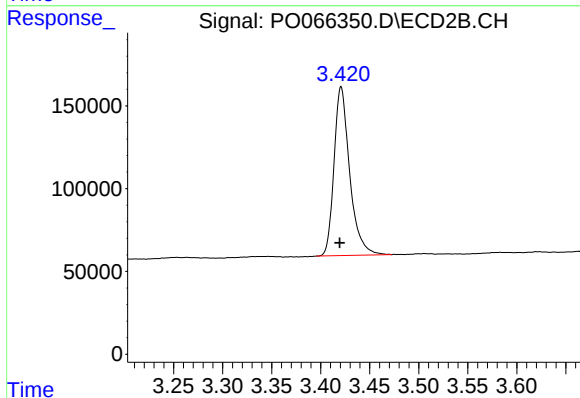




#1 Tetrachloro-m-xylene

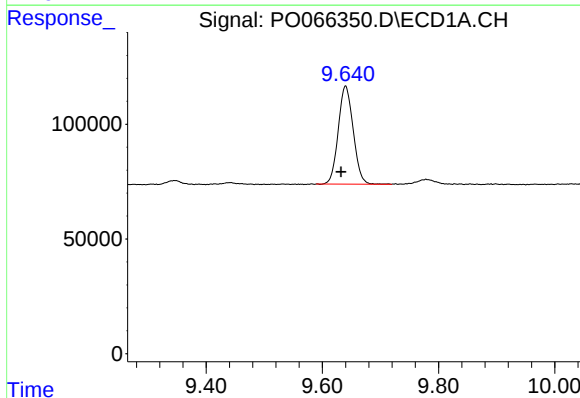
R.T.: 4.144 min
Delta R.T.: 0.002 min
Response: 905929
Conc: 32.12 ng/ml

Instrument :
ECD_O
ClientSampleId :



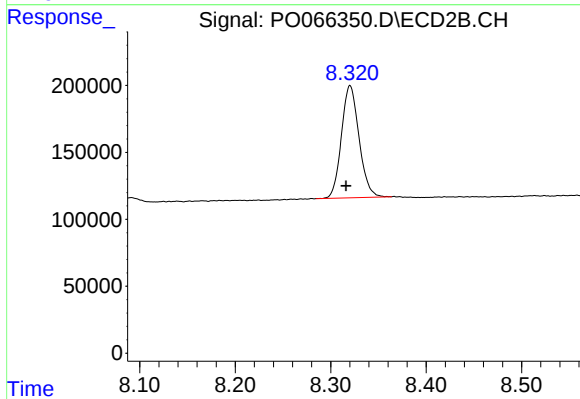
#1 Tetrachloro-m-xylene

R.T.: 3.421 min
Delta R.T.: 0.001 min
Response: 1134418
Conc: 28.89 ng/ml



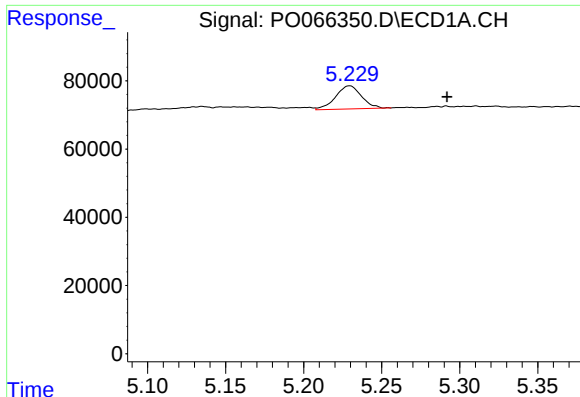
#2 Decachlorobiphenyl

R.T.: 9.640 min
Delta R.T.: 0.008 min
Response: 762445
Conc: 18.46 ng/ml



#2 Decachlorobiphenyl

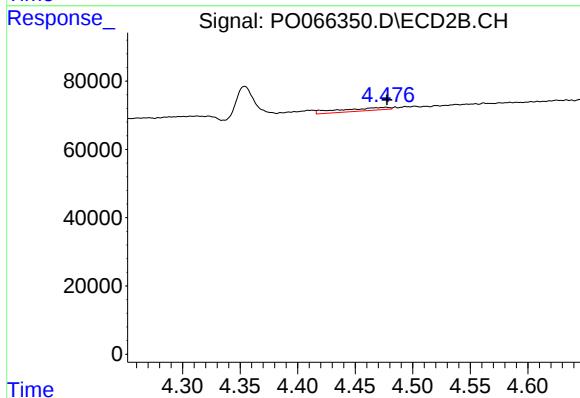
R.T.: 8.320 min
Delta R.T.: 0.004 min
Response: 1073296
Conc: 18.45 ng/ml



#3 AR-1016-1

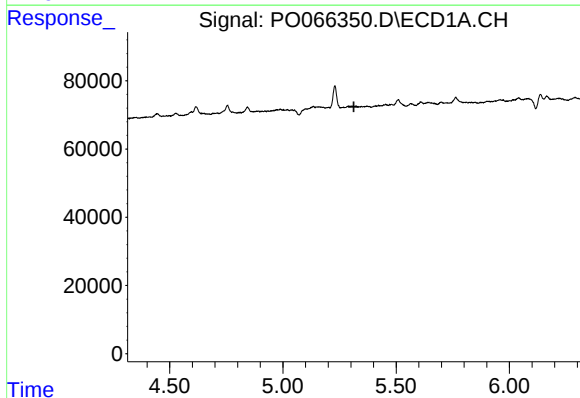
R.T.: 5.229 min
Delta R.T.: -0.063 min
Response: 78401
Conc: 63.83 ng/ml

Instrument :
ECD_O
ClientSampleId :



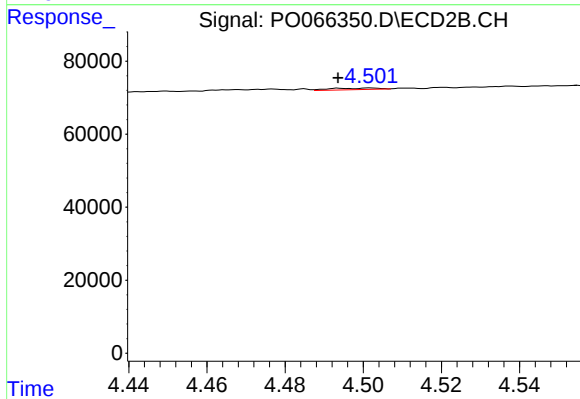
#3 AR-1016-1

R.T.: 4.477 min
Delta R.T.: 0.000 min
Response: 27057
Conc: 18.42 ng/ml



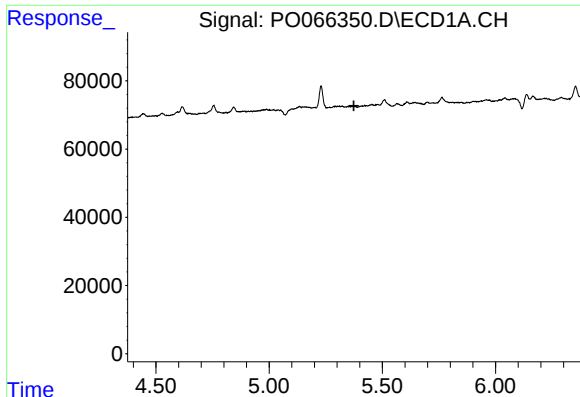
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T. : 5.313 min
Response: 0
Conc: N.D.



#4 AR-1016-2

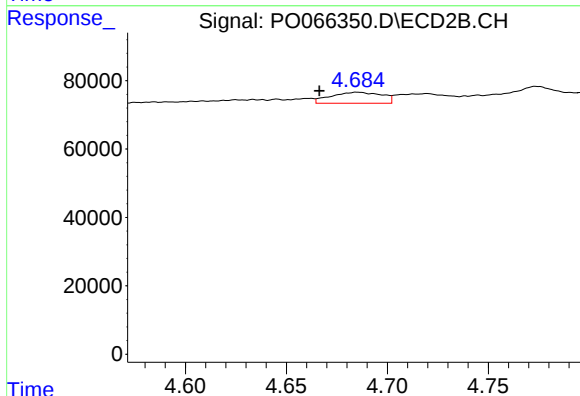
R.T.: 4.502 min
Delta R.T.: 0.008 min
Response: 3455
Conc: 1.21 ng/ml



#5 AR-1016-3

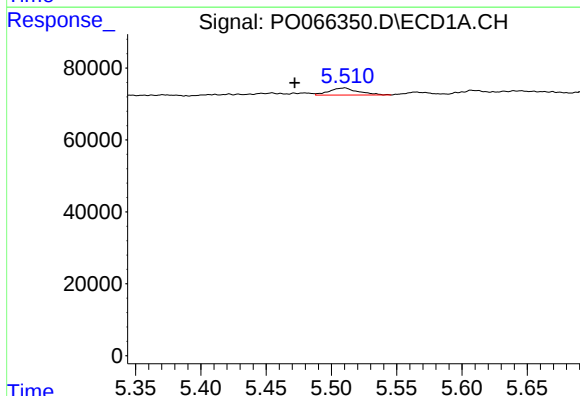
R.T.: 0.000 min
Exp R.T.: 5.374 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



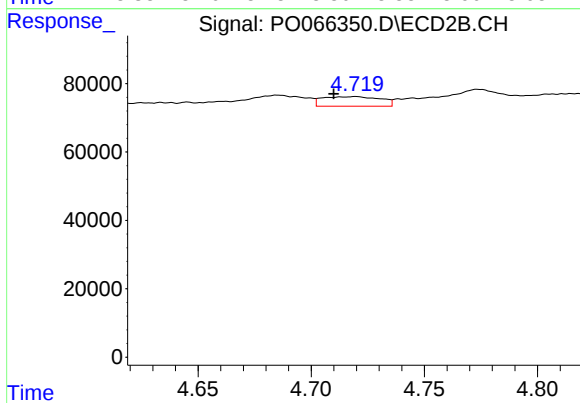
#5 AR-1016-3

R.T.: 4.685 min
Delta R.T.: 0.019 min
Response: 56314
Conc: 45.23 ng/ml



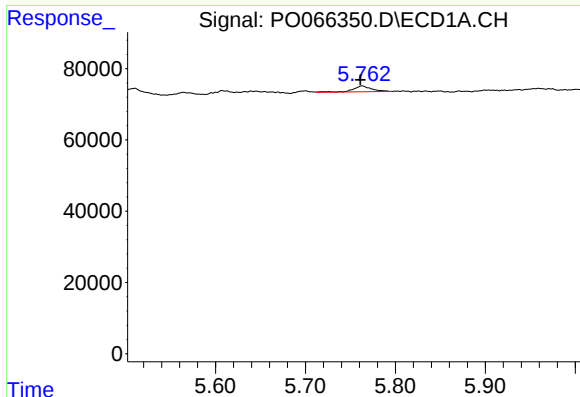
#6 AR-1016-4

R.T.: 5.510 min
Delta R.T.: 0.038 min
Response: 30295
Conc: 32.53 ng/ml



#6 AR-1016-4

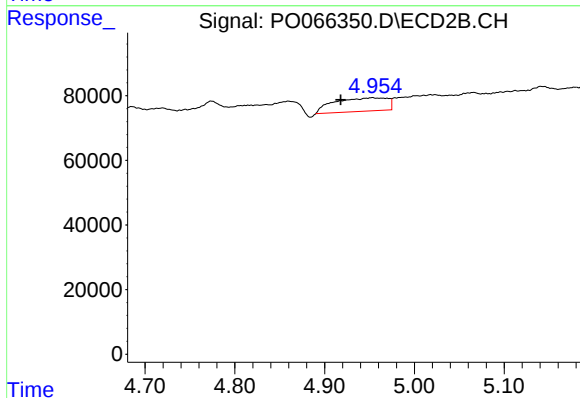
R.T.: 4.720 min
Delta R.T.: 0.010 min
Response: 49919
Conc: 48.65 ng/ml



#7 AR-1016-5

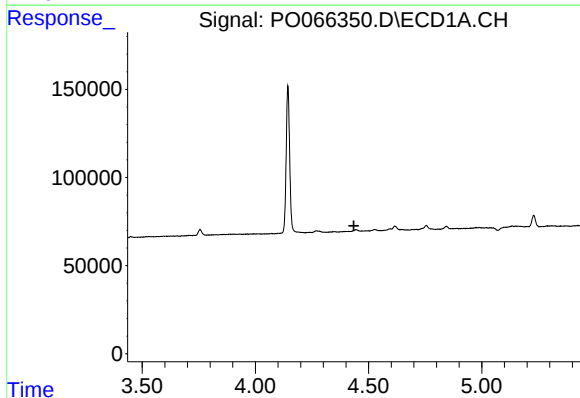
R.T.: 5.763 min
Delta R.T.: 0.002 min
Response: 24081
Conc: 25.19 ng/ml

Instrument :
ECD_O
ClientSampleId :



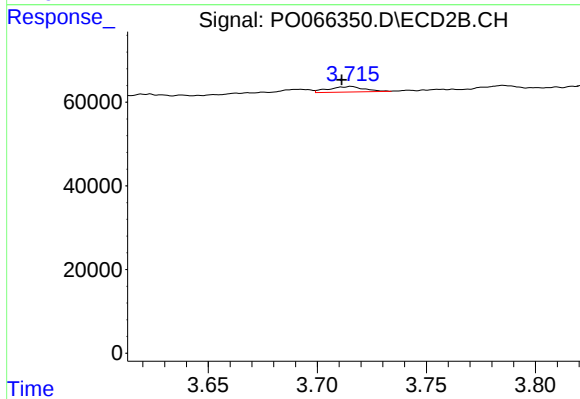
#7 AR-1016-5

R.T.: 4.954 min
Delta R.T.: 0.036 min
Response: 172225
Conc: 128.68 ng/ml



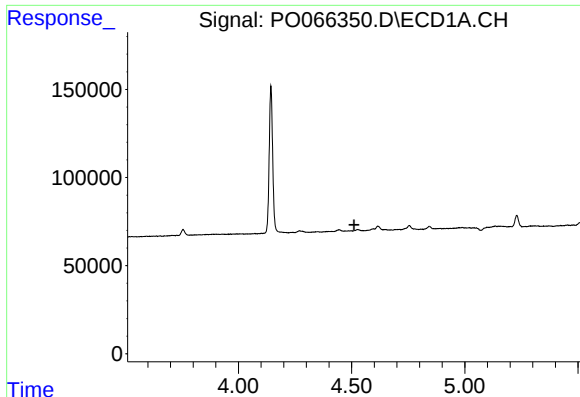
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T. : 4.435 min
Response: 0
Conc: N.D.



#9 AR-1221-2

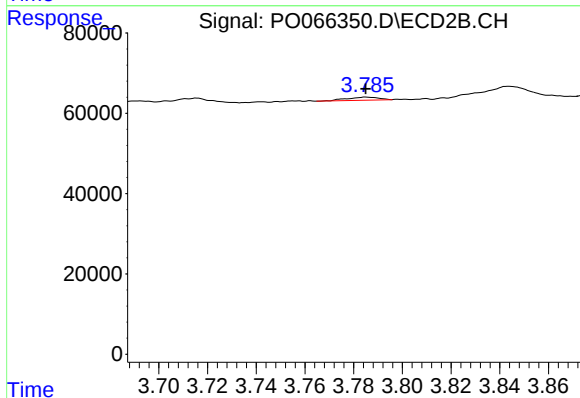
R.T.: 3.716 min
Delta R.T.: 0.004 min
Response: 14898
Conc: 50.04 ng/ml



#10 AR-1221-3

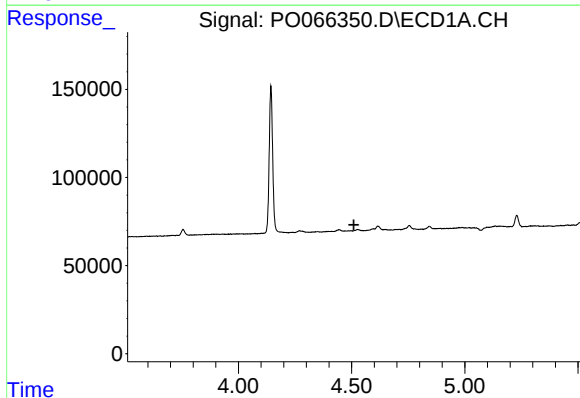
R.T.: 0.000 min
Exp R.T. : 4.510 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



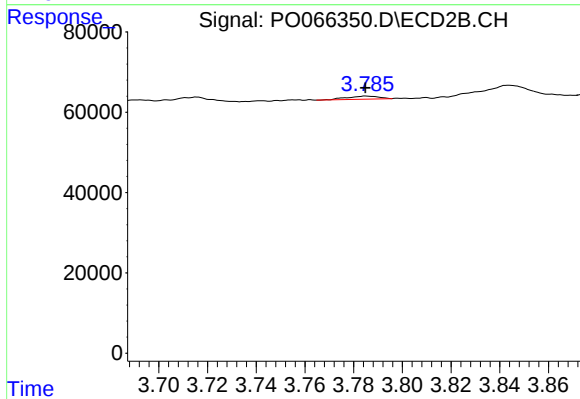
#10 AR-1221-3

R.T.: 3.785 min
Delta R.T.: 0.000 min
Response: 6984
Conc: 6.90 ng/ml



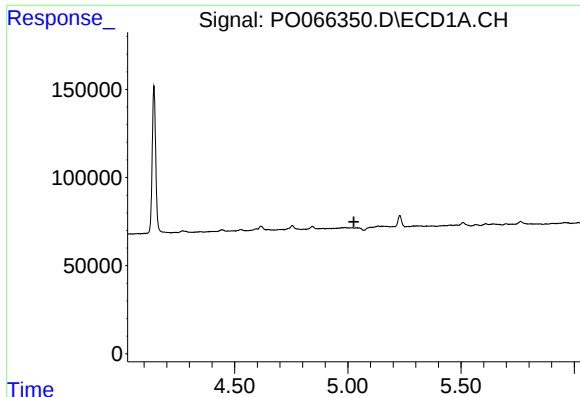
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 4.510 min
Response: 0
Conc: N.D.



#11 AR-1232-1

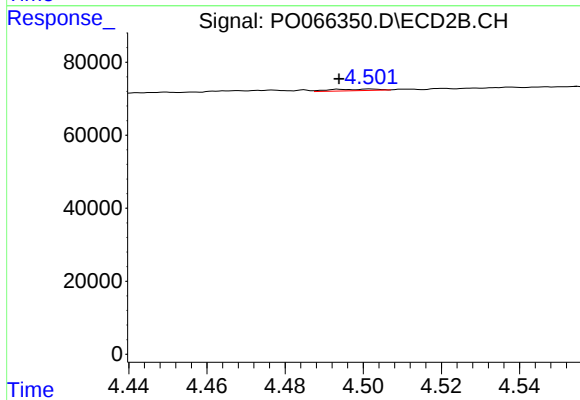
R.T.: 3.785 min
Delta R.T.: 0.000 min
Response: 6984
Conc: 9.13 ng/ml



#12 AR-1232-2

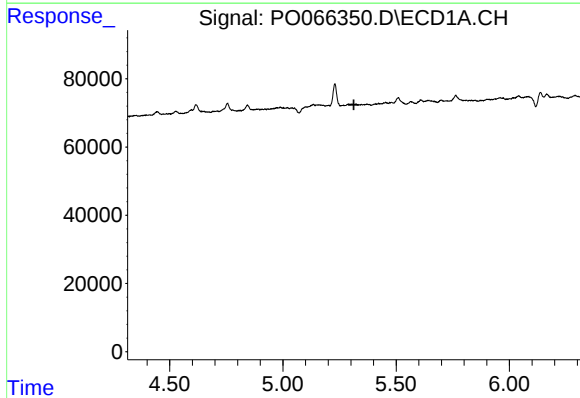
R.T.: 0.000 min
Exp R.T.: 5.027 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



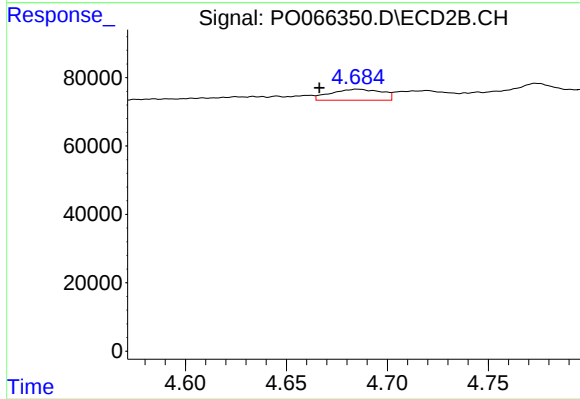
#12 AR-1232-2

R.T.: 4.502 min
Delta R.T.: 0.008 min
Response: 3455
Conc: 3.27 ng/ml



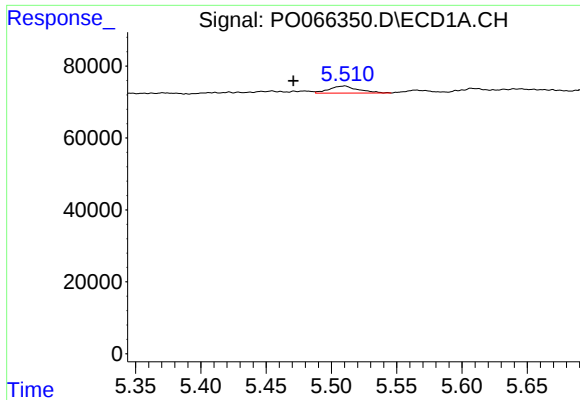
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T.: 5.313 min
Response: 0
Conc: N.D.



#13 AR-1232-3

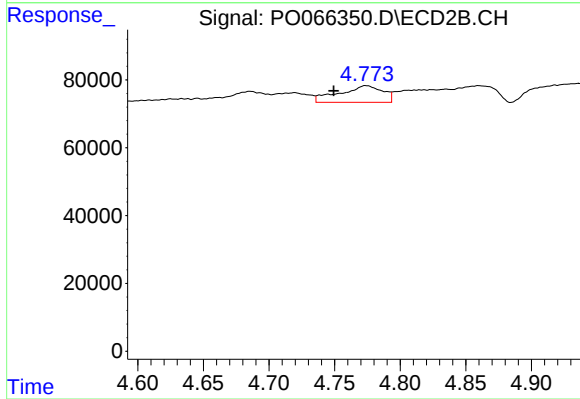
R.T.: 4.685 min
Delta R.T.: 0.019 min
Response: 56314
Conc: 119.58 ng/ml



#14 AR-1232-4

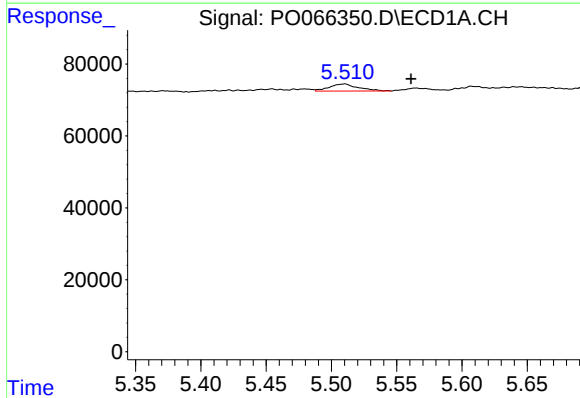
R.T.: 5.510 min
Delta R.T.: 0.039 min
Response: 30295
Conc: 88.99 ng/ml

Instrument :
ECD_O
ClientSampleId :



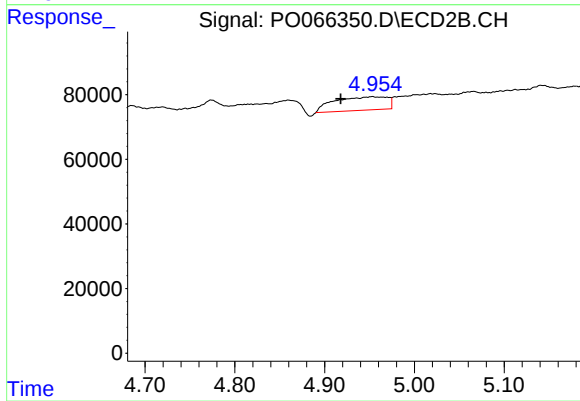
#14 AR-1232-4

R.T.: 4.773 min
Delta R.T.: 0.024 min
Response: 113380
Conc: 283.45 ng/ml



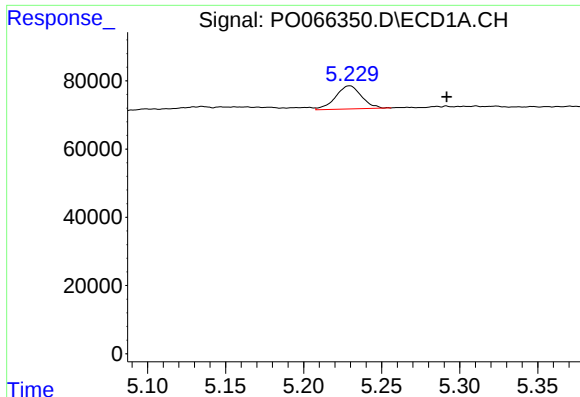
#15 AR-1232-5

R.T.: 5.510 min
Delta R.T.: -0.051 min
Response: 30295
Conc: 125.20 ng/ml



#15 AR-1232-5

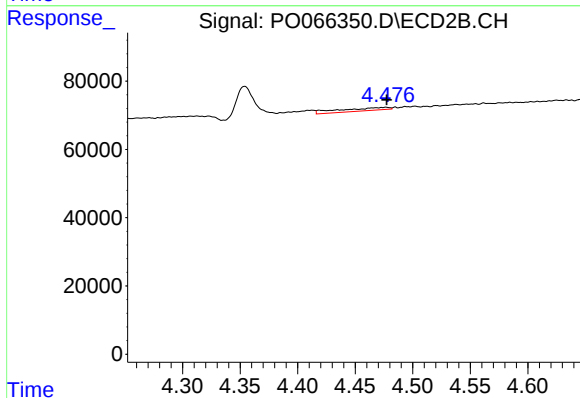
R.T.: 4.954 min
Delta R.T.: 0.036 min
Response: 172225
Conc: 380.81 ng/ml



#16 AR-1242-1

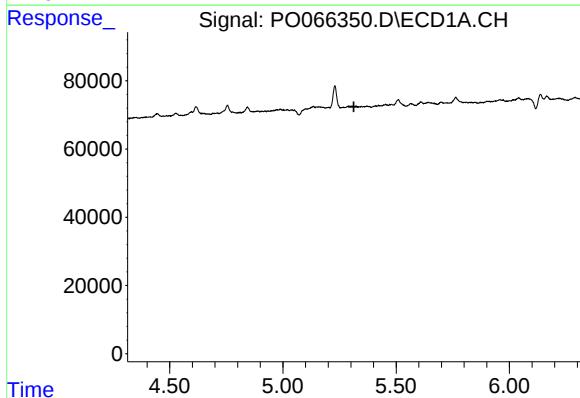
R.T.: 5.229 min
Delta R.T.: -0.062 min
Response: 78401
Conc: 91.55 ng/ml

Instrument :
ECD_O
ClientSampleId :



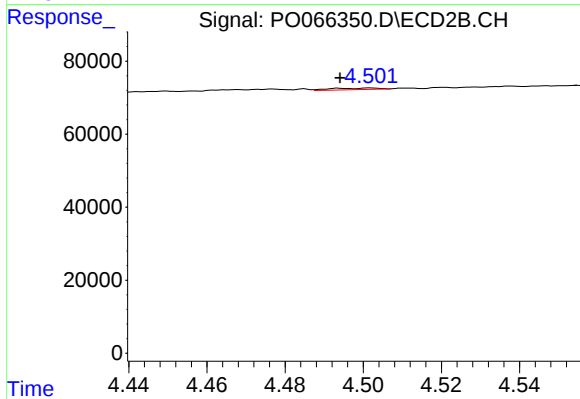
#16 AR-1242-1

R.T.: 4.477 min
Delta R.T.: 0.000 min
Response: 27057
Conc: 26.05 ng/ml



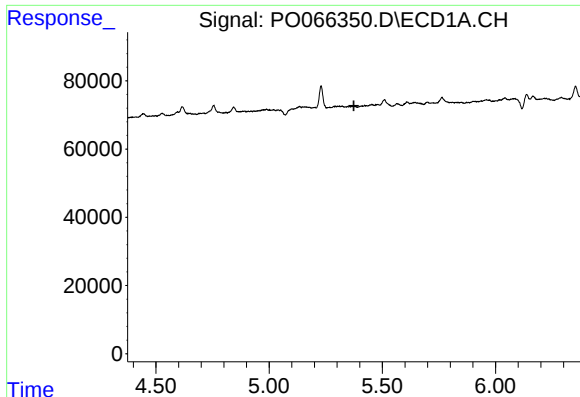
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T. : 5.313 min
Response: 0
Conc: N.D.



#17 AR-1242-2

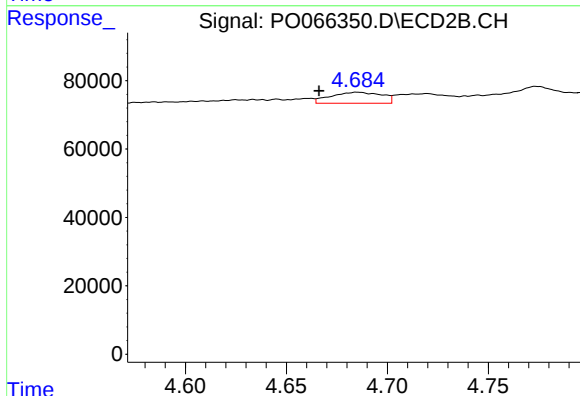
R.T.: 4.502 min
Delta R.T.: 0.008 min
Response: 3455
Conc: 1.74 ng/ml



#18 AR-1242-3

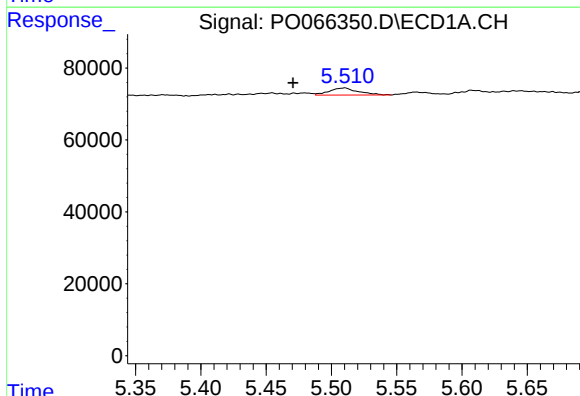
R.T.: 0.000 min
Exp R.T.: 5.374 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



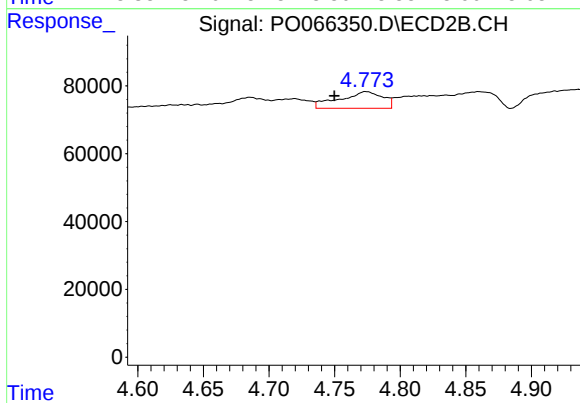
#18 AR-1242-3

R.T.: 4.685 min
Delta R.T.: 0.019 min
Response: 56314
Conc: 63.28 ng/ml



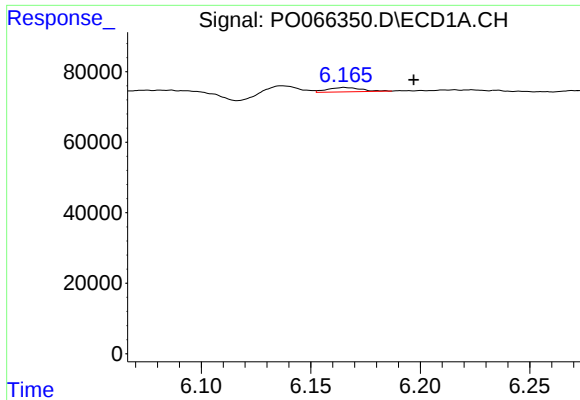
#19 AR-1242-4

R.T.: 5.510 min
Delta R.T.: 0.039 min
Response: 30295
Conc: 46.47 ng/ml



#19 AR-1242-4

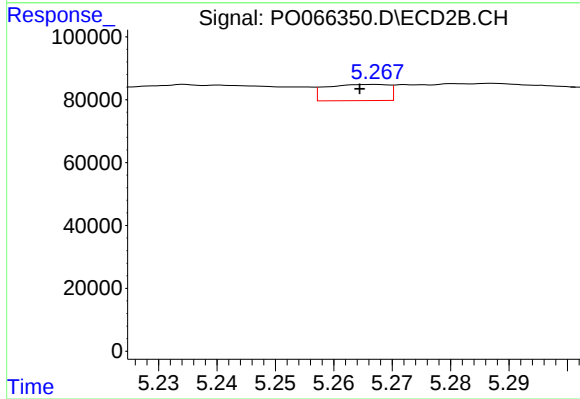
R.T.: 4.773 min
Delta R.T.: 0.024 min
Response: 113380
Conc: 130.53 ng/ml



#20 AR-1242-5

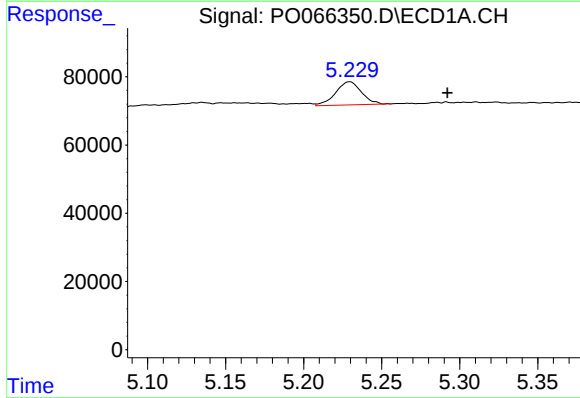
R.T.: 6.166 min
Delta R.T.: -0.031 min
Response: 13090
Conc: 16.21 ng/ml

Instrument :
ECD_O
ClientSampleId :



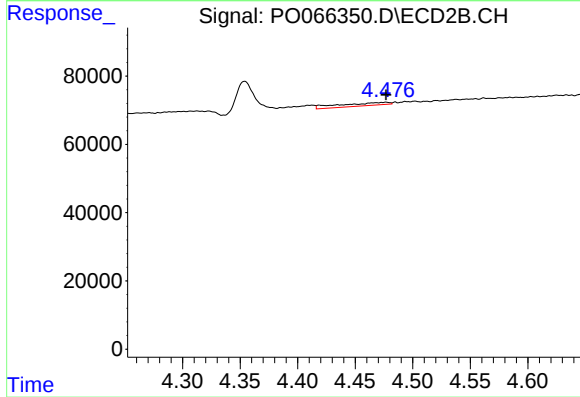
#20 AR-1242-5

R.T.: 5.267 min
Delta R.T.: 0.003 min
Response: 37914
Conc: 28.90 ng/ml



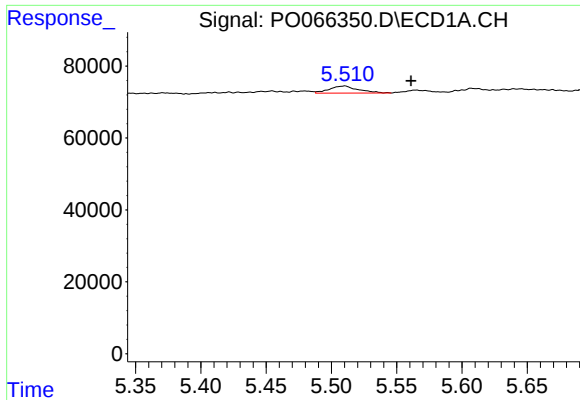
#21 AR-1248-1

R.T.: 5.229 min
Delta R.T.: -0.063 min
Response: 78401
Conc: 114.64 ng/ml



#21 AR-1248-1

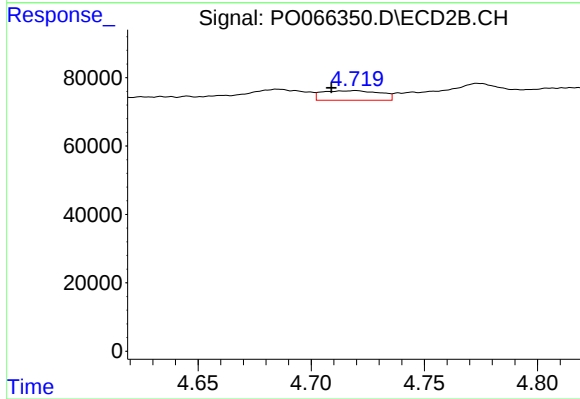
R.T.: 4.477 min
Delta R.T.: 0.000 min
Response: 27057
Conc: 33.28 ng/ml



#22 AR-1248-2

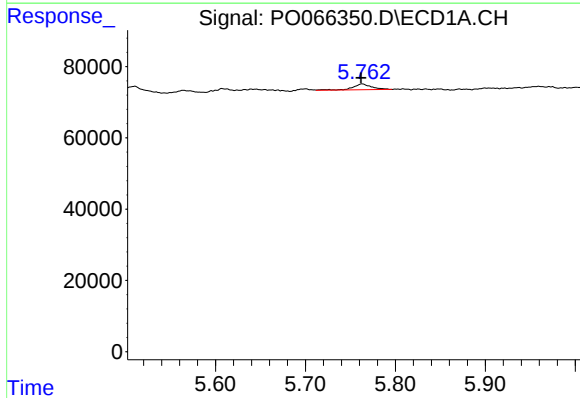
R.T.: 5.510 min
Delta R.T.: -0.051 min
Response: 30295
Conc: 32.27 ng/ml

Instrument :
ECD_O
ClientSampleId :



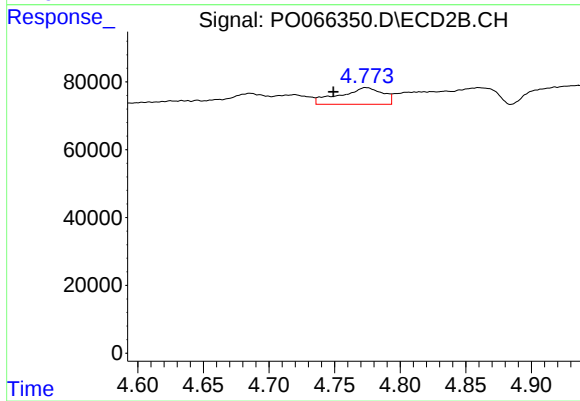
#22 AR-1248-2

R.T.: 4.720 min
Delta R.T.: 0.011 min
Response: 49919
Conc: 39.57 ng/ml



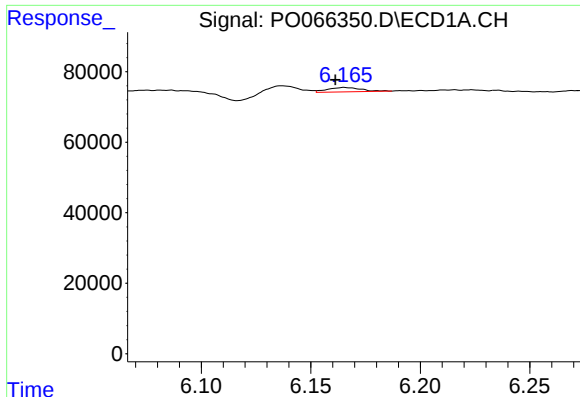
#23 AR-1248-3

R.T.: 5.763 min
Delta R.T.: 0.001 min
Response: 24081
Conc: 20.93 ng/ml



#23 AR-1248-3

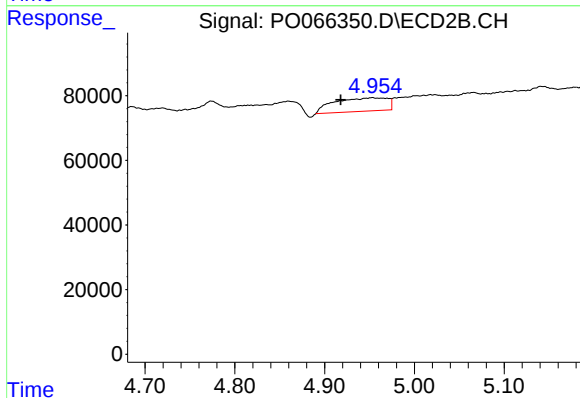
R.T.: 4.773 min
Delta R.T.: 0.024 min
Response: 113380
Conc: 88.40 ng/ml



#24 AR-1248-4

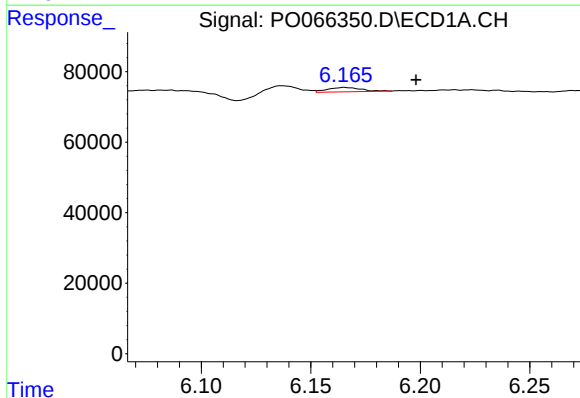
R.T.: 6.166 min
Delta R.T.: 0.004 min
Response: 13090
Conc: 8.88 ng/ml

Instrument :
ECD_O
ClientSampleId :



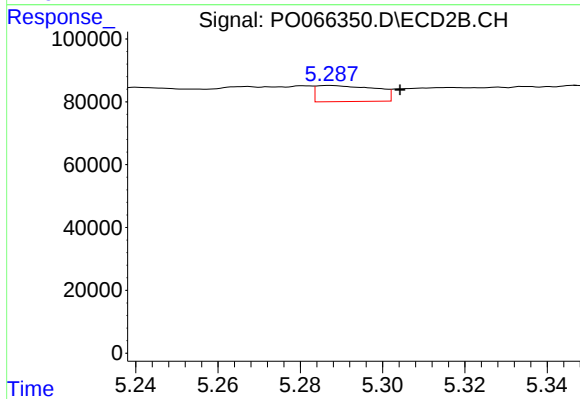
#24 AR-1248-4

R.T.: 4.954 min
Delta R.T.: 0.036 min
Response: 172225
Conc: 107.90 ng/ml



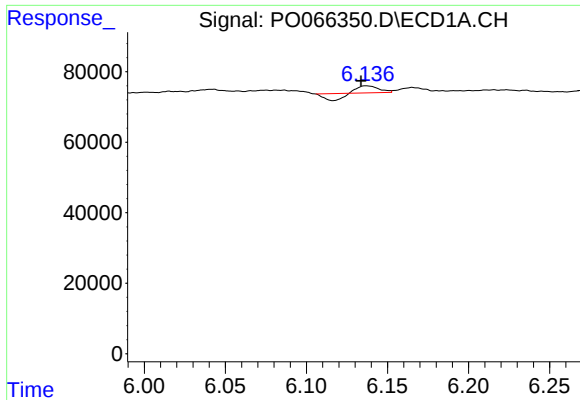
#25 AR-1248-5

R.T.: 6.166 min
Delta R.T.: -0.033 min
Response: 13090
Conc: 9.34 ng/ml



#25 AR-1248-5

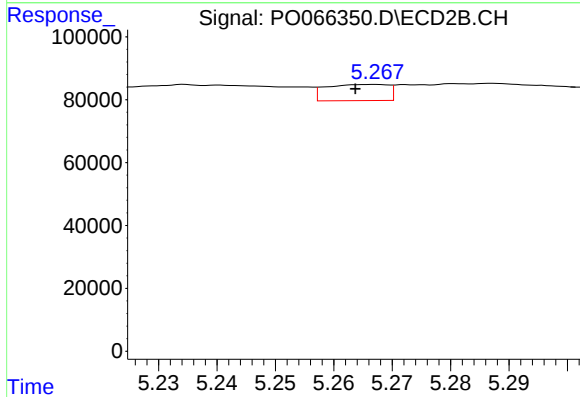
R.T.: 5.287 min
Delta R.T.: -0.017 min
Response: 51353
Conc: 28.88 ng/ml



#26 AR-1254-1

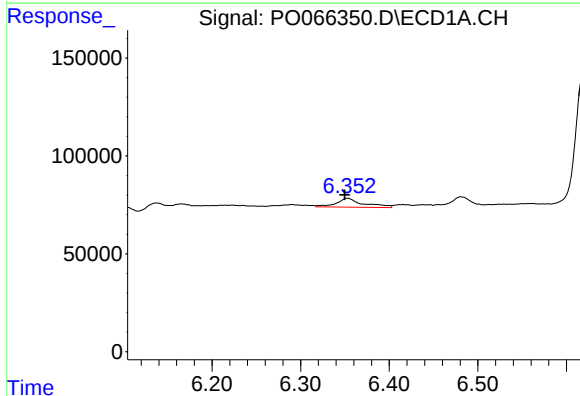
R.T.: 6.137 min
Delta R.T.: 0.004 min
Response: 4128
Conc: 2.84 ng/ml

Instrument :
ECD_O
ClientSampleId :



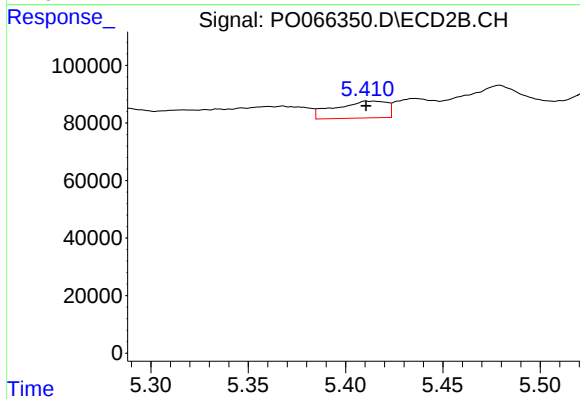
#26 AR-1254-1

R.T.: 5.267 min
Delta R.T.: 0.003 min
Response: 37914
Conc: 13.59 ng/ml



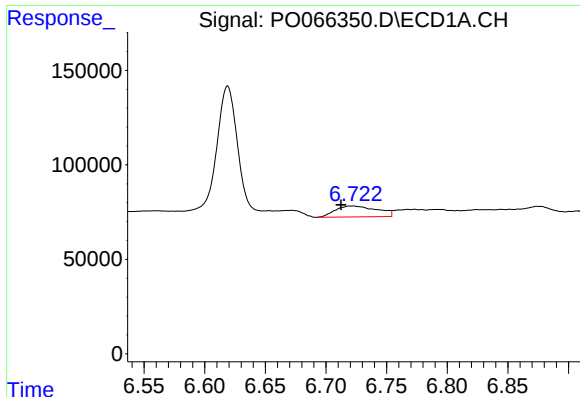
#27 AR-1254-2

R.T.: 6.353 min
Delta R.T.: 0.003 min
Response: 97013
Conc: 39.50 ng/ml



#27 AR-1254-2

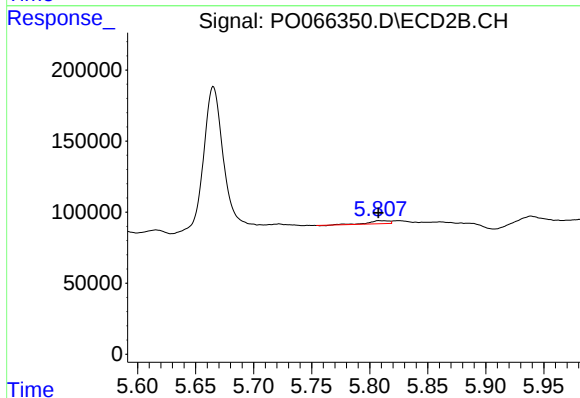
R.T.: 5.410 min
Delta R.T.: 0.000 min
Response: 109088
Conc: 41.77 ng/ml



#28 AR-1254-3

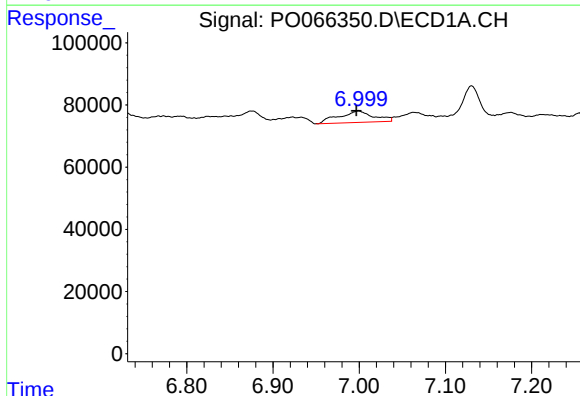
R.T.: 6.722 min
Delta R.T.: 0.009 min
Response: 138314
Conc: 51.36 ng/ml

Instrument :
ECD_O
ClientSampleId :



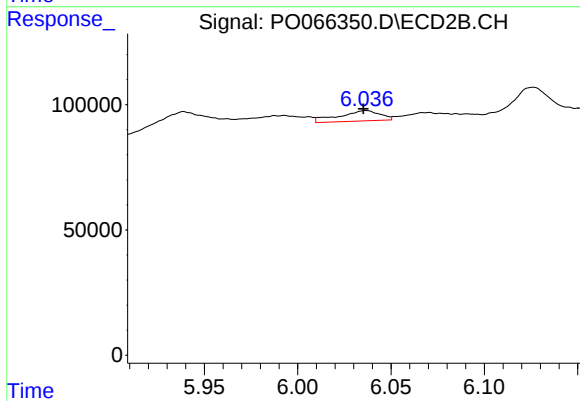
#28 AR-1254-3

R.T.: 5.807 min
Delta R.T.: 0.000 min
Response: 25640
Conc: 6.02 ng/ml



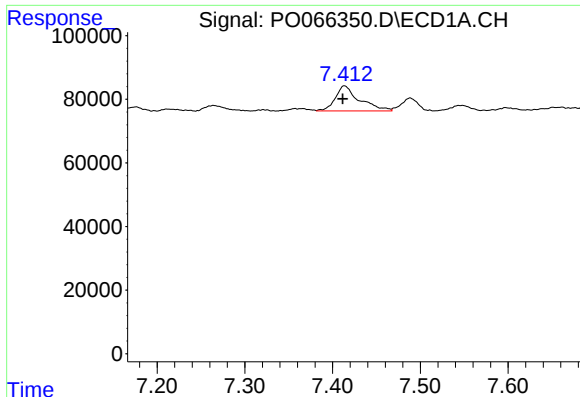
#29 AR-1254-4

R.T.: 6.999 min
Delta R.T.: 0.003 min
Response: 104363
Conc: 45.20 ng/ml



#29 AR-1254-4

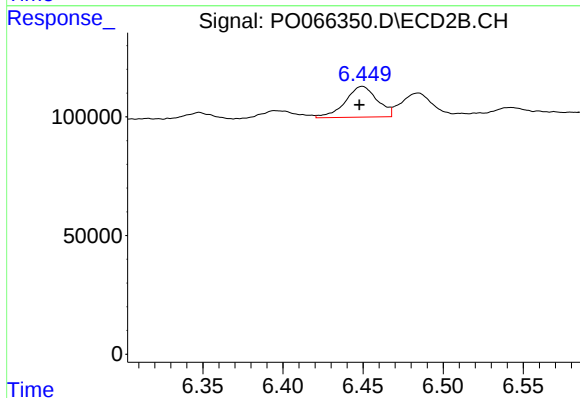
R.T.: 6.037 min
Delta R.T.: 0.001 min
Response: 63169
Conc: 20.61 ng/ml



#30 AR-1254-5

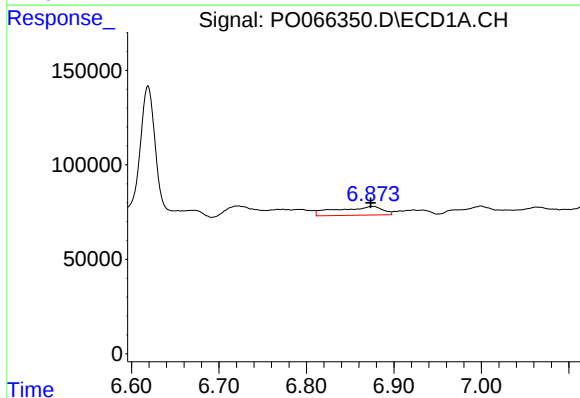
R.T.: 7.414 min
Delta R.T.: 0.002 min
Response: 150329
Conc: 63.97 ng/ml

Instrument :
ECD_O
ClientSampleId :



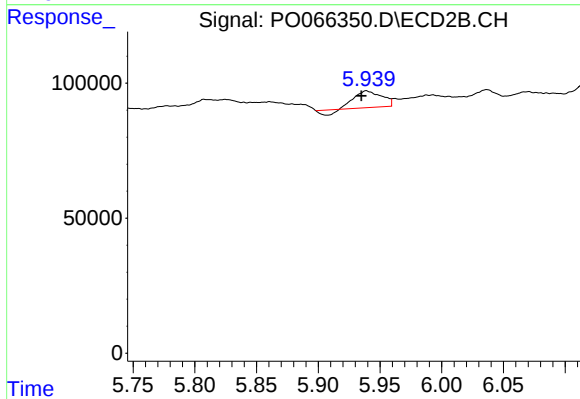
#30 AR-1254-5

R.T.: 6.450 min
Delta R.T.: 0.002 min
Response: 180089
Conc: 40.95 ng/ml



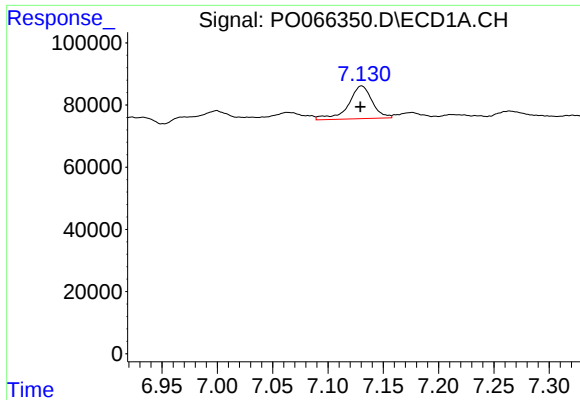
#31 AR-1260-1

R.T.: 6.875 min
Delta R.T.: 0.002 min
Response: 166189
Conc: 78.09 ng/ml



#31 AR-1260-1

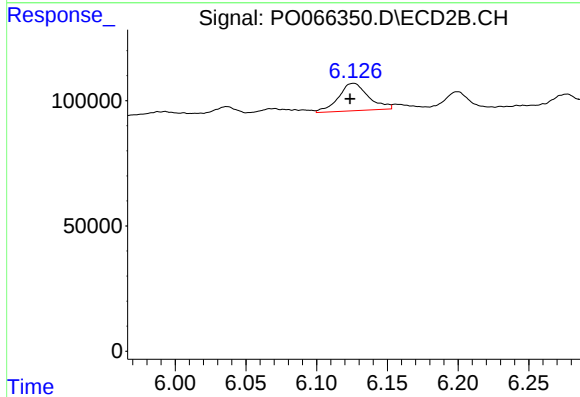
R.T.: 5.939 min
Delta R.T.: 0.004 min
Response: 86716
Conc: 26.21 ng/ml



#32 AR-1260-2

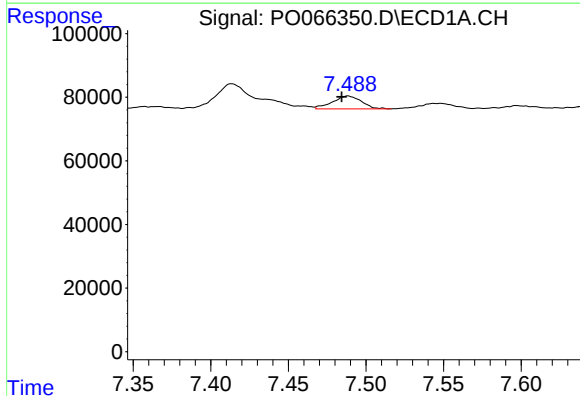
R.T.: 7.130 min
Delta R.T.: 0.001 min
Response: 157277
Conc: 51.15 ng/ml

Instrument :
ECD_O
ClientSampleId :



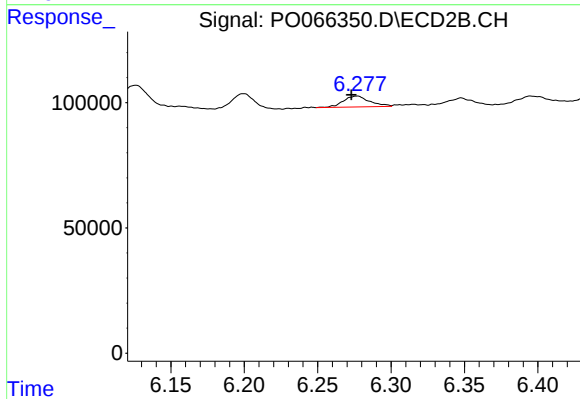
#32 AR-1260-2

R.T.: 6.126 min
Delta R.T.: 0.003 min
Response: 162187
Conc: 31.53 ng/ml



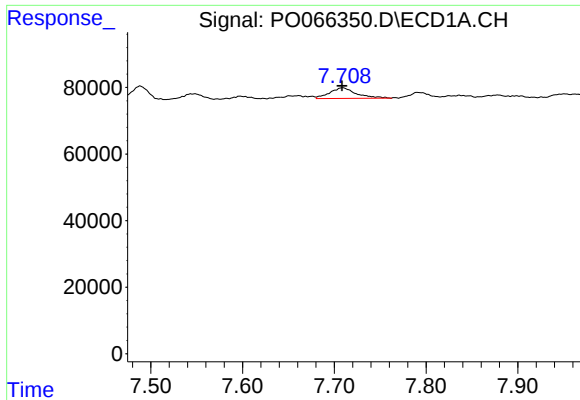
#33 AR-1260-3

R.T.: 7.488 min
Delta R.T.: 0.004 min
Response: 52393
Conc: 19.86 ng/ml



#33 AR-1260-3

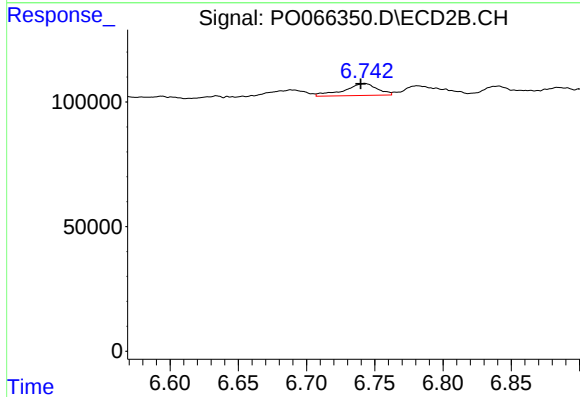
R.T.: 6.277 min
Delta R.T.: 0.004 min
Response: 54917
Conc: 14.01 ng/ml



#34 AR-1260-4

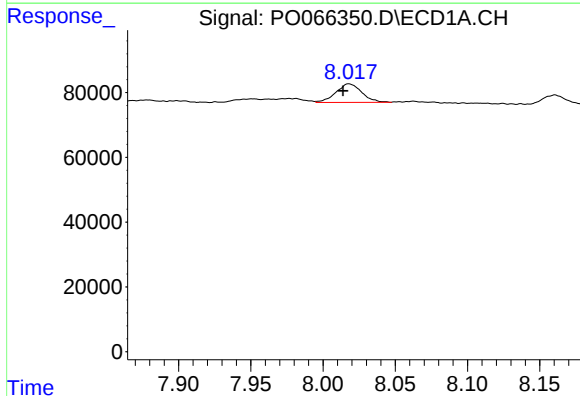
R.T.: 7.709 min
Delta R.T.: 0.000 min
Response: 64374
Conc: 25.85 ng/ml

Instrument :
ECD_O
ClientSampleId :



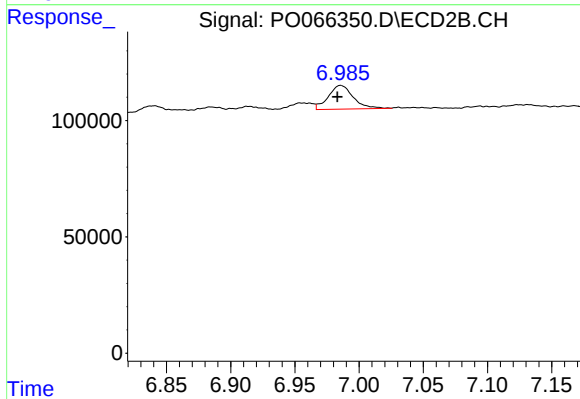
#34 AR-1260-4

R.T.: 6.743 min
Delta R.T.: 0.003 min
Response: 80862
Conc: 22.32 ng/ml



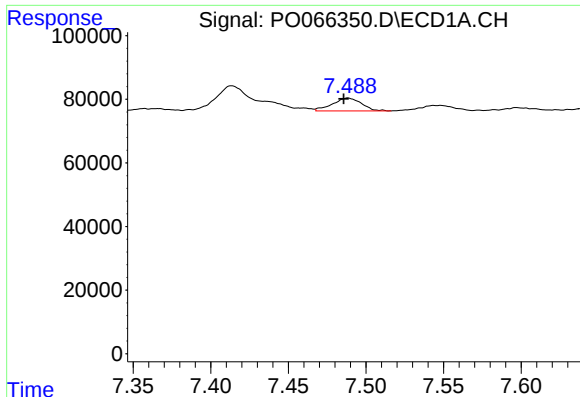
#35 AR-1260-5

R.T.: 8.018 min
Delta R.T.: 0.004 min
Response: 70814
Conc: 12.56 ng/ml



#35 AR-1260-5

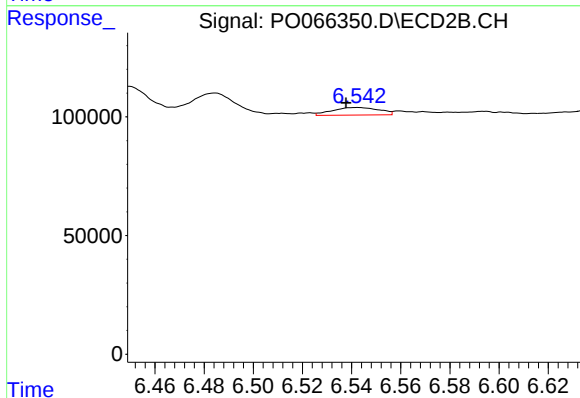
R.T.: 6.986 min
Delta R.T.: 0.002 min
Response: 137057
Conc: 14.25 ng/ml



#36 AR-1262-1

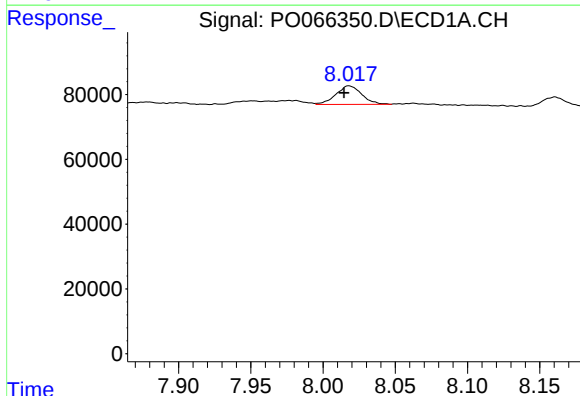
R.T.: 7.488 min
Delta R.T.: 0.003 min
Response: 52393
Conc: 15.17 ng/ml

Instrument :
ECD_O
ClientSampleId :



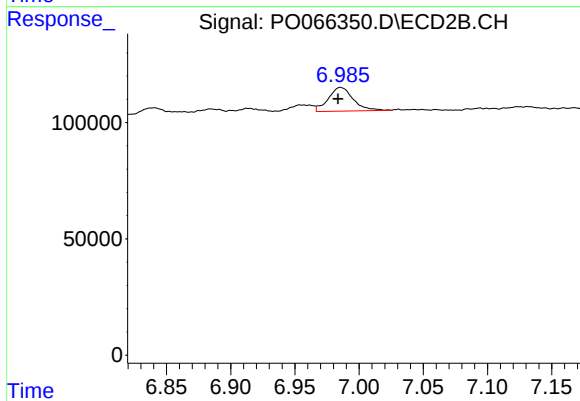
#36 AR-1262-1

R.T.: 6.542 min
Delta R.T.: 0.005 min
Response: 42064
Conc: 17.59 ng/ml



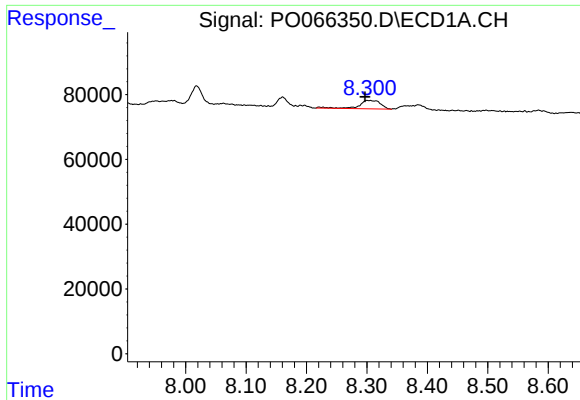
#37 AR-1262-2

R.T.: 8.018 min
Delta R.T.: 0.003 min
Response: 70814
Conc: 12.23 ng/ml



#37 AR-1262-2

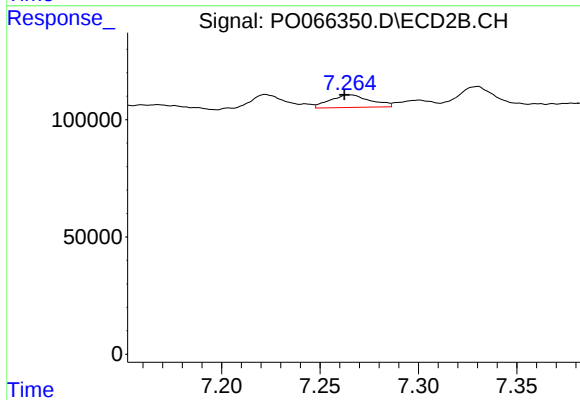
R.T.: 6.986 min
Delta R.T.: 0.002 min
Response: 137057
Conc: 13.74 ng/ml



#38 AR-1262-3

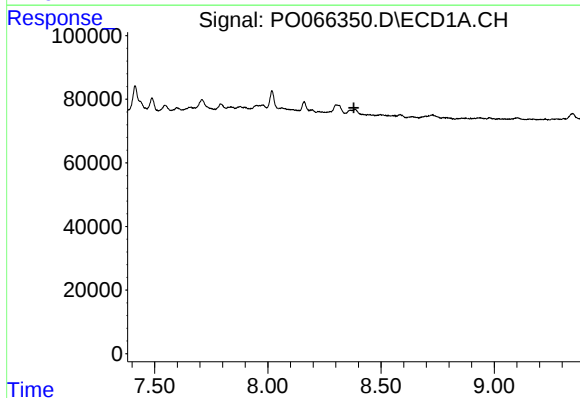
R.T.: 8.300 min
Delta R.T.: 0.004 min
Response: 63548
Conc: 17.25 ng/ml

Instrument :
ECD_O
ClientSampleId :



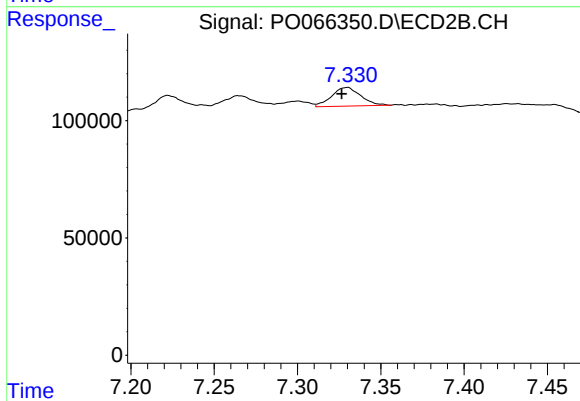
#38 AR-1262-3

R.T.: 7.264 min
Delta R.T.: 0.002 min
Response: 76469
Conc: 19.97 ng/ml



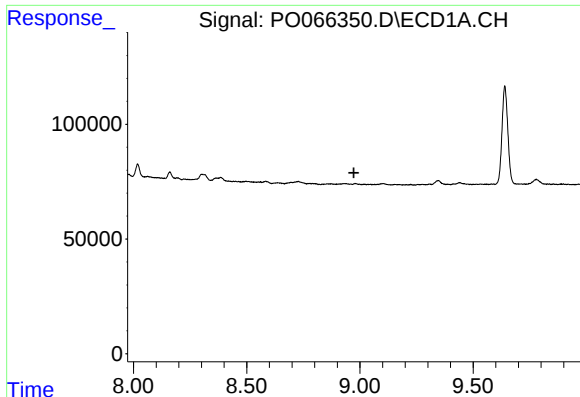
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T. : 8.380 min
Response: 0
Conc: N.D.



#39 AR-1262-4

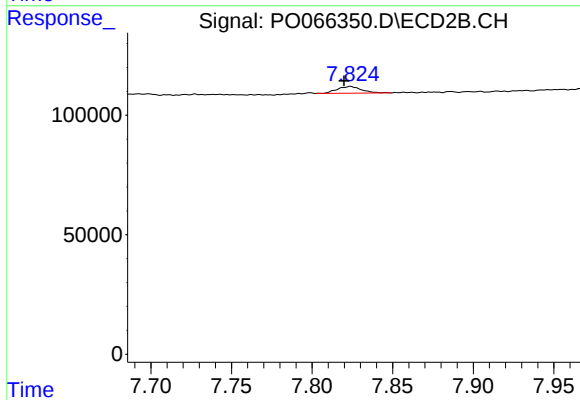
R.T.: 7.330 min
Delta R.T.: 0.004 min
Response: 97304
Conc: 15.20 ng/ml



#40 AR-1262-5

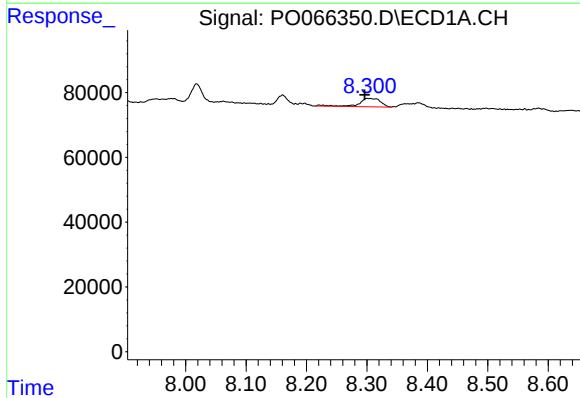
R.T.: 0.000 min
Exp R.T.: 8.974 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



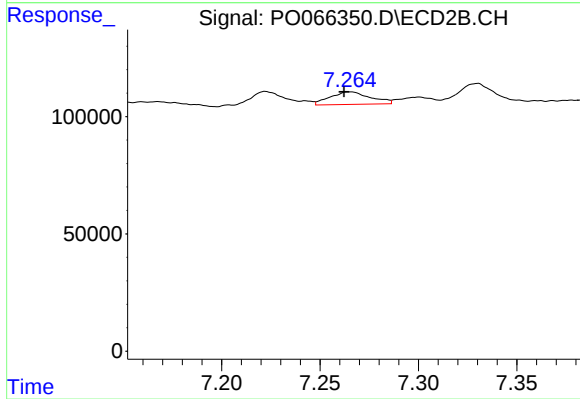
#40 AR-1262-5

R.T.: 7.824 min
Delta R.T.: 0.004 min
Response: 30255
Conc: 11.11 ng/ml



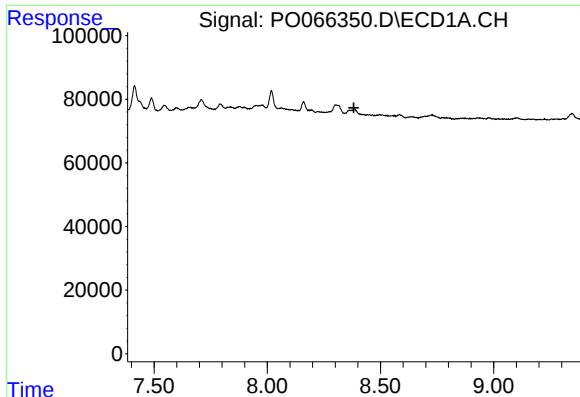
#41 AR-1268-1

R.T.: 8.300 min
Delta R.T.: 0.004 min
Response: 63548
Conc: 8.62 ng/ml



#41 AR-1268-1

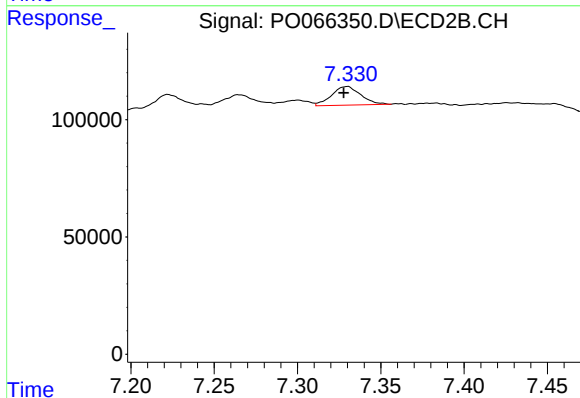
R.T.: 7.264 min
Delta R.T.: 0.002 min
Response: 76469
Conc: 6.15 ng/ml



#42 AR-1268-2

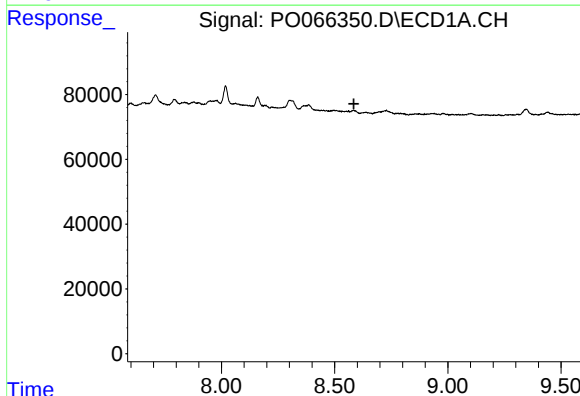
R.T.: 0.000 min
Exp R.T.: 8.382 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



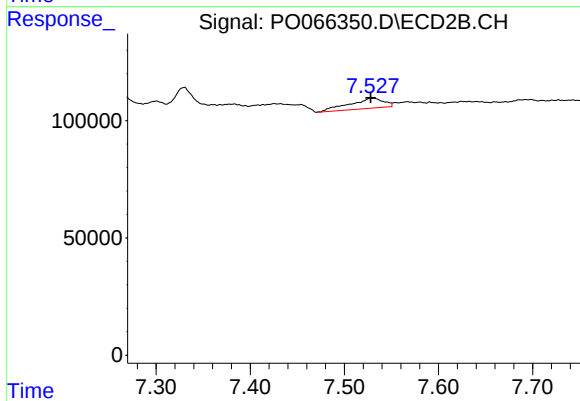
#42 AR-1268-2

R.T.: 7.330 min
Delta R.T.: 0.003 min
Response: 97304
Conc: 9.22 ng/ml



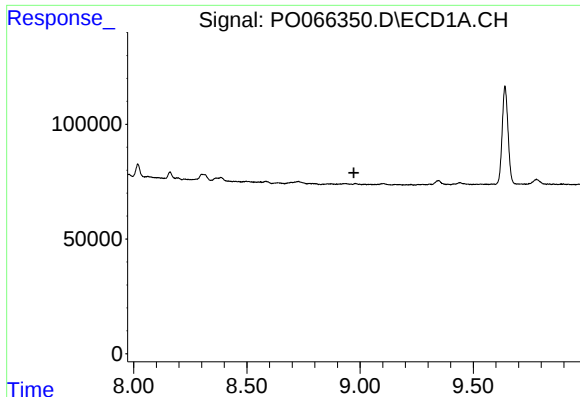
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T.: 8.585 min
Response: 0
Conc: N.D.



#43 AR-1268-3

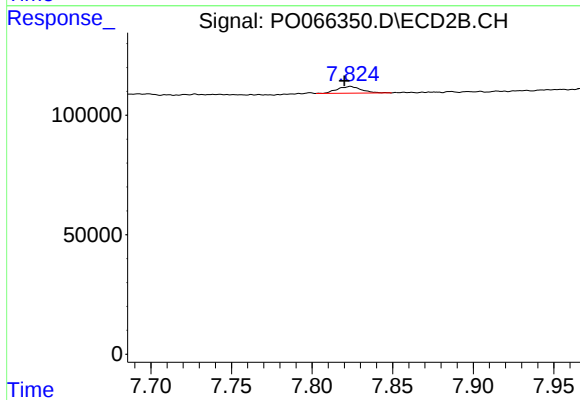
R.T.: 7.528 min
Delta R.T.: 0.000 min
Response: 109605
Conc: 12.52 ng/ml



#44 AR-1268-4

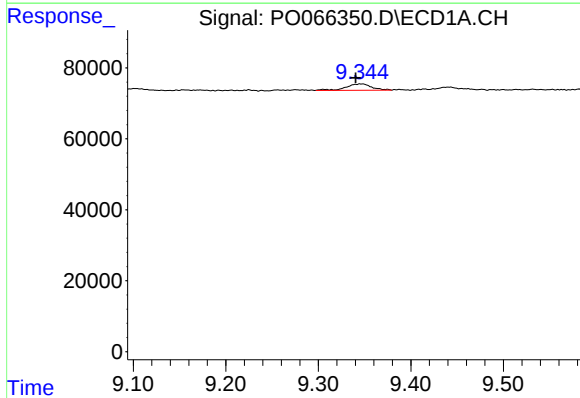
R.T.: 0.000 min
Exp R.T.: 8.973 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



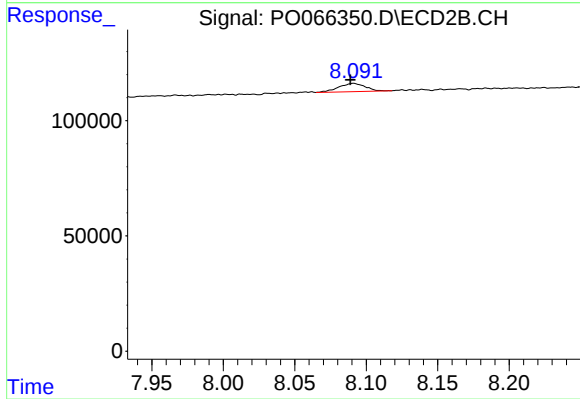
#44 AR-1268-4

R.T.: 7.824 min
Delta R.T.: 0.004 min
Response: 30255
Conc: 9.28 ng/ml



#45 AR-1268-5

R.T.: 9.346 min
Delta R.T.: 0.006 min
Response: 33973
Conc: 2.18 ng/ml



#45 AR-1268-5

R.T.: 8.091 min
Delta R.T.: 0.002 min
Response: 46838
Conc: 1.98 ng/ml