

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO111518\
 Data File : PO051588.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 15 Nov 2018 22:42
 Operator : SM/SJ
 Sample : J5969-01 10X
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 16 00:08:28 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO111318.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Nov 15 08:04:19 2018
 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...	4.310	3.305	3050316	1062955	0.955	0.965
2)	SA Decachlor...	9.961	8.059	2803140	1860582	1.460	2.245 #
Target Compounds							
3)	L1 AR-1016-1	5.524	0.000	3917346	0	52.471	N.D. #
4)	L1 AR-1016-2	5.524	0.000	3917346	0	34.638	N.D. #
5)	L1 AR-1016-3	5.551	4.470	6496633	425582	98.891	18.596 #
6)	L1 AR-1016-4	5.683	4.573	5929050	668159	109.040	37.884 #
7)	L1 AR-1016-5	6.028	0.000	3723175	0	80.420	N.D. #
8)	L2 AR-1221-1	0.000	3.532	0	1798005	N.D.	172.899 #
10)	L2 AR-1221-3	4.769	0.000	2549716	0	36.131	N.D. #
11)	L3 AR-1232-1	4.769	0.000	2549716	0	49.218	N.D. #
12)	L3 AR-1232-2	5.271	0.000	3731634	0	155.963	N.D. #
13)	L3 AR-1232-3	5.524	4.573	3917346	668159	81.608	140.011 #
14)	L3 AR-1232-4	5.683	4.573	5929050	668159	252.177	123.329 #
15)	L3 AR-1232-5	5.786	4.845	5595557	924080	360.080	267.979 #
16)	L4 AR-1242-1	5.524	0.000	3917346	0	42.193	N.D. #
17)	L4 AR-1242-2	5.524	0.000	3917346	0	42.193	N.D. #
18)	L4 AR-1242-3	5.551	4.573	6496633	668159	121.016	47.591 #
19)	L4 AR-1242-4	5.683	4.573	5929050	668159	132.971	112.784
20)	L4 AR-1242-5	6.447	0.000	2686113	0	62.998	N.D. #
21)	L5 AR-1248-1	5.524	0.000	3917346	0	60.027	N.D. #
22)	L5 AR-1248-2	5.786	4.573	5595557	668159	94.667	23.542 #
23)	L5 AR-1248-3	6.028	4.573	3723175	668159	150.202	66.859 #
24)	L5 AR-1248-4	6.447	4.845	2686113	924080	34.092	80.966 #
25)	L5 AR-1248-5	6.447	0.000	2686113	0	34.092	N.D. #
27)	L6 AR-1254-2	6.602	0.000	3352340	0	28.551	N.D. #
28)	L6 AR-1254-3	0.000	5.643	0	1824326	N.D.	27.584 #
29)	L6 AR-1254-4	7.172	5.846	1908635	924967	19.390	119.603 #
30)	L6 AR-1254-5	7.657	6.305	2963976	1191942	173.947	20.684 #
31)	L7 AR-1260-1	7.126	0.000	3216327	0	36.110	N.D. #
32)	L7 AR-1260-2	7.356	5.922	4733555	1034941	37.276	18.200 #
33)	L7 AR-1260-3	7.657	0.000	2963976	0	34.103	N.D. #
34)	L7 AR-1260-4	7.904	6.485	2985062	1034634	33.966	30.141
35)	L7 AR-1260-5	8.286	6.712	2775570	2623814	13.480	26.897 #
36)	L8 AR-1262-1	7.657	6.305	2963976	1191942	20.668	17.772
37)	L8 AR-1262-2	8.286	6.712	2775570	2623814	11.116	21.322 #
38)	L8 AR-1262-3	8.546	7.070	6364347	2134005	40.397	42.412
39)	L8 AR-1262-4	8.685	7.103	6705113	1684704	55.128	19.046 #
40)	L8 AR-1262-5	9.251	0.000	35646885	0	444.015	N.D. #
41)	L9 AR-1268-1	8.546	7.070	6364347	2134005	17.824	12.058 #
42)	L9 AR-1268-2	8.685	7.103	6705113	1684704	21.451	10.577 #
43)	L9 AR-1268-3	8.870	7.324	4144779	2950817	14.849	20.888 #

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 Operator : SM/SJ
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 Misc :
 ALS Vial : 29 Sample Multiplier: 1

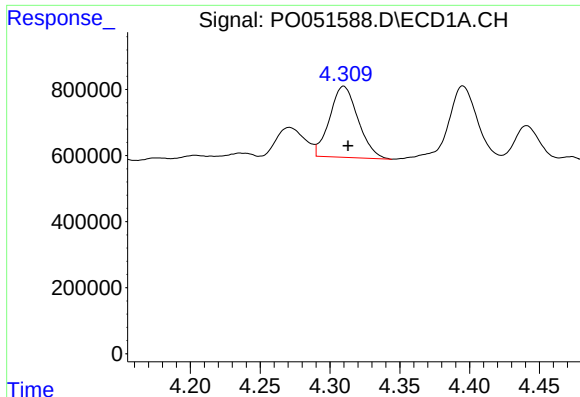
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 16 00:08:28 2018
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 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
44) L9	AR-1268-4	9.251	0.000	35646885	0	352.327	N.D. #
45) L9	AR-1268-5	9.714	7.797	47199120	18640088	57.612	46.892

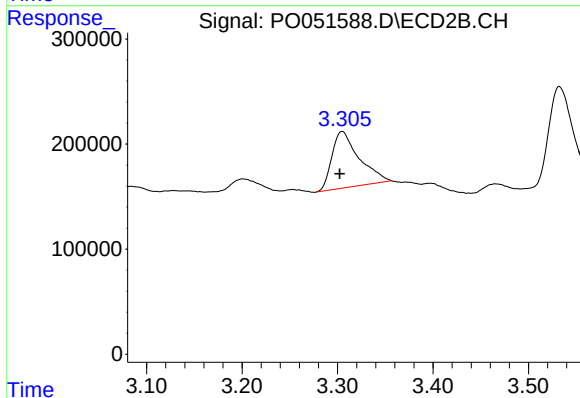
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

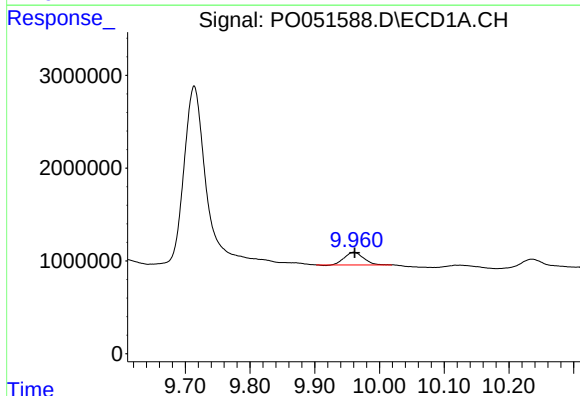
R.T.: 4.310 min
Delta R.T.: -0.003 min
Response: 3050316
Conc: 0.96 ng/ml

Instrument :
ECD_O
ClientSampleId :



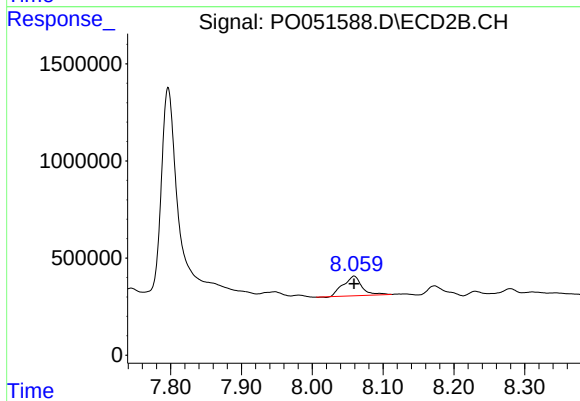
#1 Tetrachloro-m-xylene

R.T.: 3.305 min
Delta R.T.: 0.003 min
Response: 1062955
Conc: 0.97 ng/ml



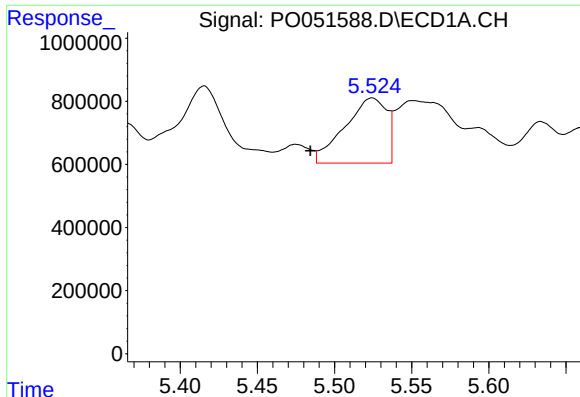
#2 Decachlorobiphenyl

R.T.: 9.961 min
Delta R.T.: -0.001 min
Response: 2803140
Conc: 1.46 ng/ml



#2 Decachlorobiphenyl

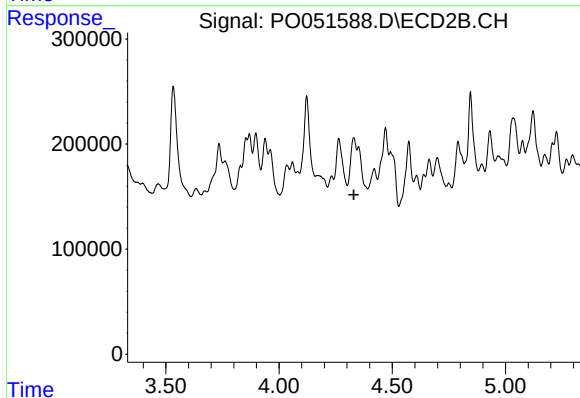
R.T.: 8.059 min
Delta R.T.: 0.000 min
Response: 1860582
Conc: 2.24 ng/ml



#3 AR-1016-1

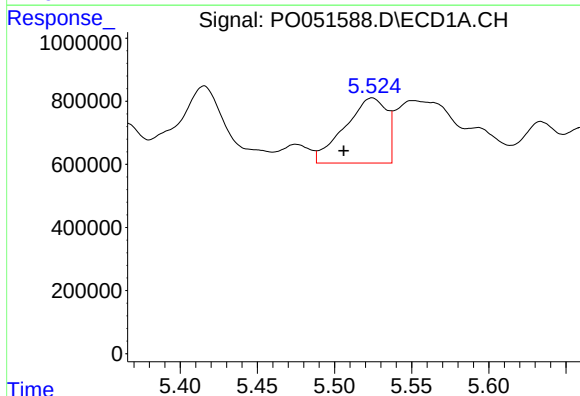
R.T.: 5.524 min
Delta R.T.: 0.040 min
Response: 3917346
Conc: 52.47 ng/ml

Instrument :
ECD_O
ClientSampleId :



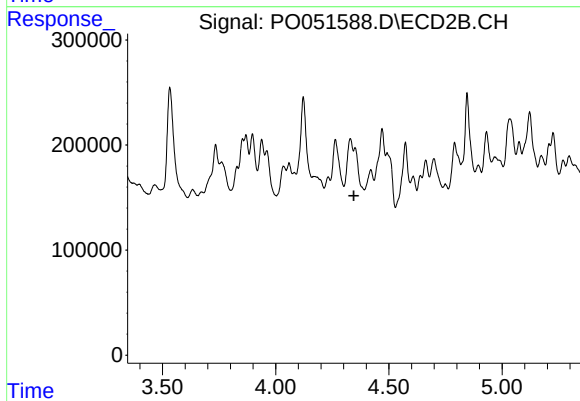
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 4.331 min
Response: 0
Conc: N.D.



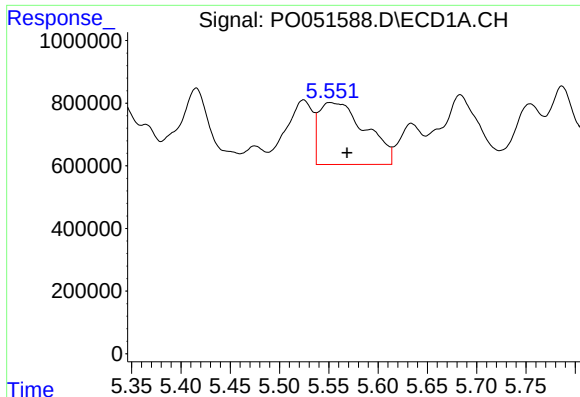
#4 AR-1016-2

R.T.: 5.524 min
Delta R.T.: 0.018 min
Response: 3917346
Conc: 34.64 ng/ml



#4 AR-1016-2

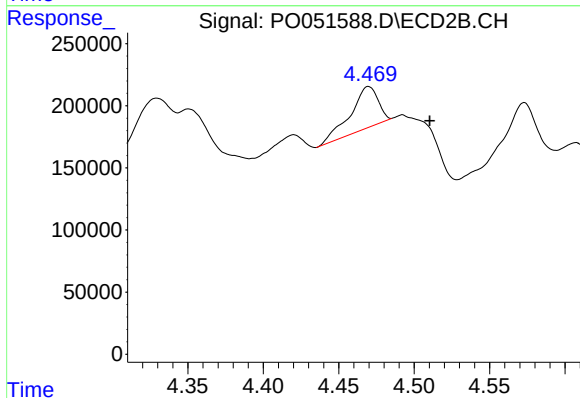
R.T.: 0.000 min
Exp R.T. : 4.345 min
Response: 0
Conc: N.D.



#5 AR-1016-3

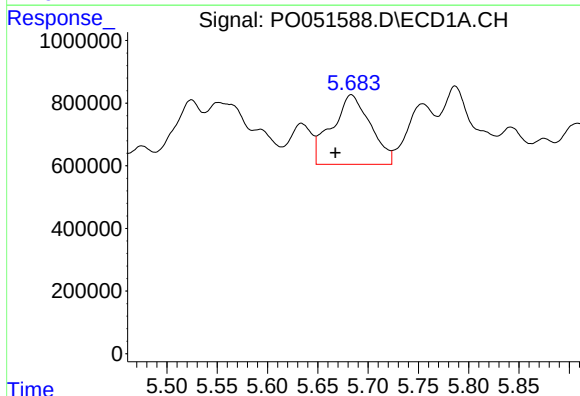
R.T.: 5.551 min
Delta R.T.: -0.017 min
Response: 6496633
Conc: 98.89 ng/ml

Instrument :
ECD_O
ClientSampleId :



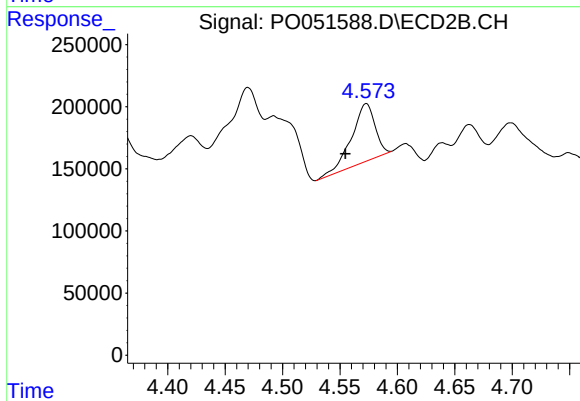
#5 AR-1016-3

R.T.: 4.470 min
Delta R.T.: -0.041 min
Response: 425582
Conc: 18.60 ng/ml



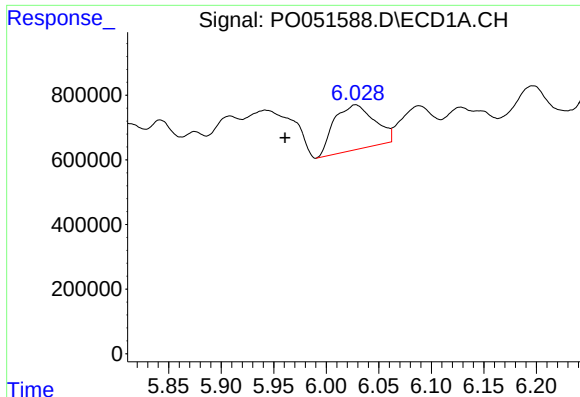
#6 AR-1016-4

R.T.: 5.683 min
Delta R.T.: 0.016 min
Response: 5929050
Conc: 109.04 ng/ml



#6 AR-1016-4

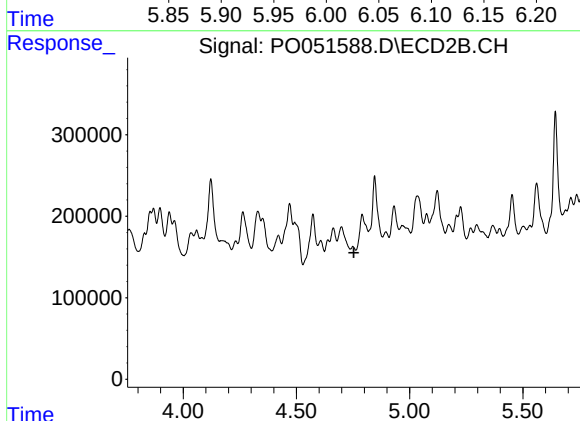
R.T.: 4.573 min
Delta R.T.: 0.018 min
Response: 668159
Conc: 37.88 ng/ml



#7 AR-1016-5

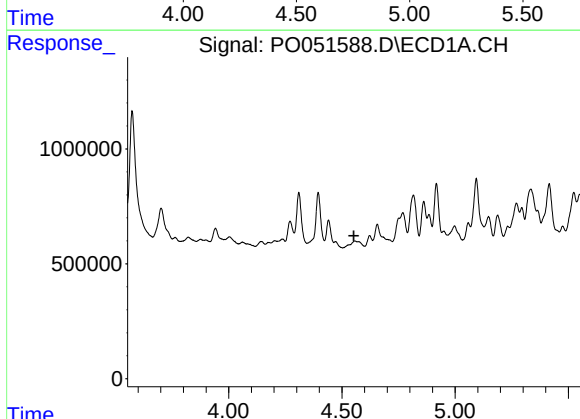
R.T.: 6.028 min
Delta R.T.: 0.067 min
Response: 3723175
Conc: 80.42 ng/ml

Instrument :
ECD_O
ClientSampleId :



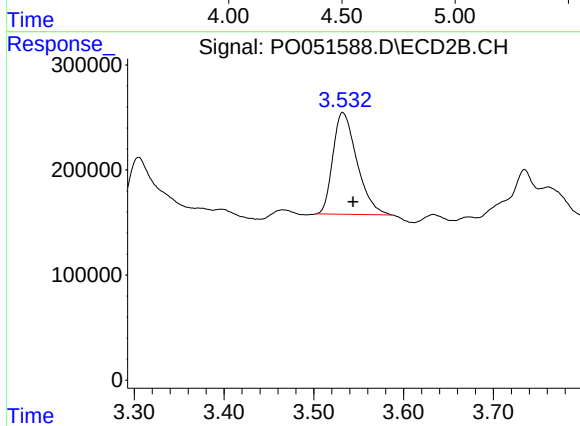
#7 AR-1016-5

R.T.: 0.000 min
Exp R.T. : 4.754 min
Response: 0
Conc: N.D.



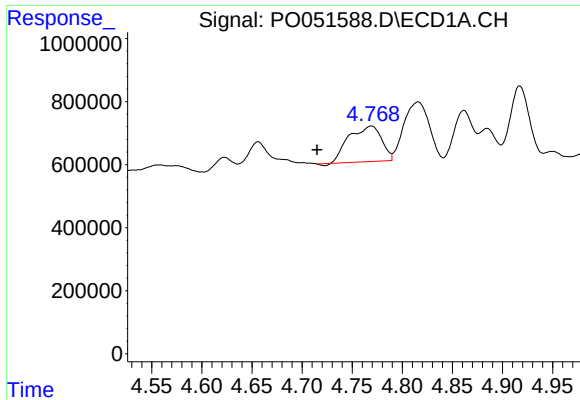
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.553 min
Response: 0
Conc: N.D.



#8 AR-1221-1

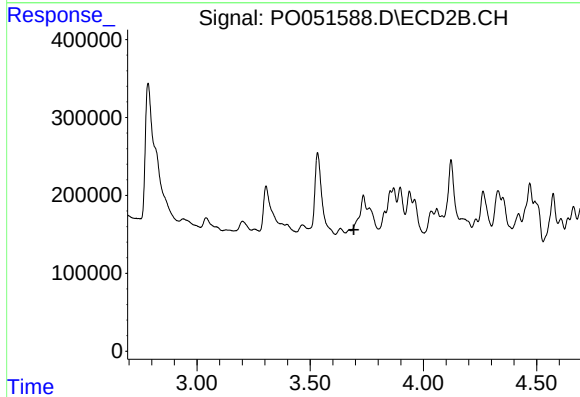
R.T.: 3.532 min
Delta R.T.: -0.012 min
Response: 1798005
Conc: 172.90 ng/ml



#10 AR-1221-3

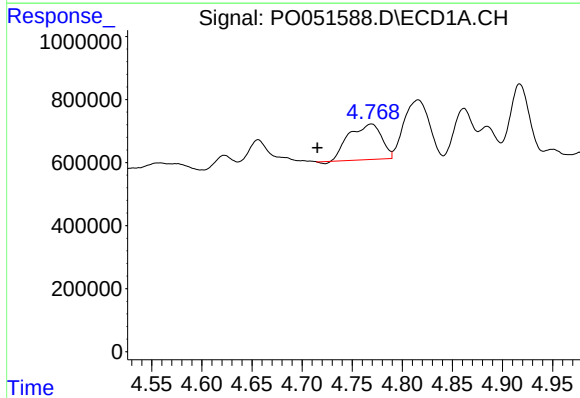
R.T.: 4.769 min
Delta R.T.: 0.054 min
Response: 2549716
Conc: 36.13 ng/ml

Instrument :
ECD_O
ClientSampleId :



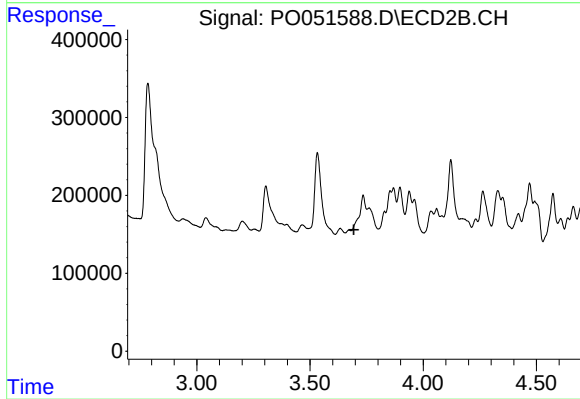
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 3.693 min
Response: 0
Conc: N.D.



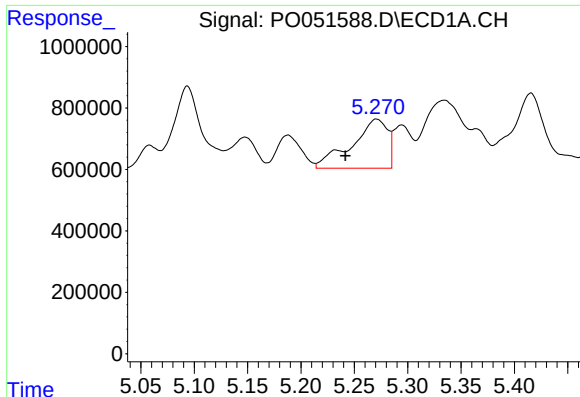
#11 AR-1232-1

R.T.: 4.769 min
Delta R.T.: 0.054 min
Response: 2549716
Conc: 49.22 ng/ml



#11 AR-1232-1

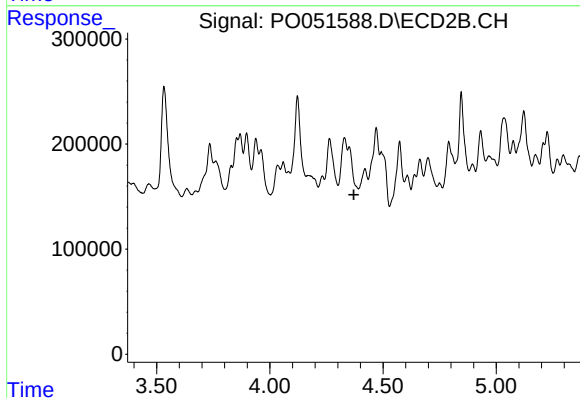
R.T.: 0.000 min
Exp R.T. : 3.694 min
Response: 0
Conc: N.D.



#12 AR-1232-2

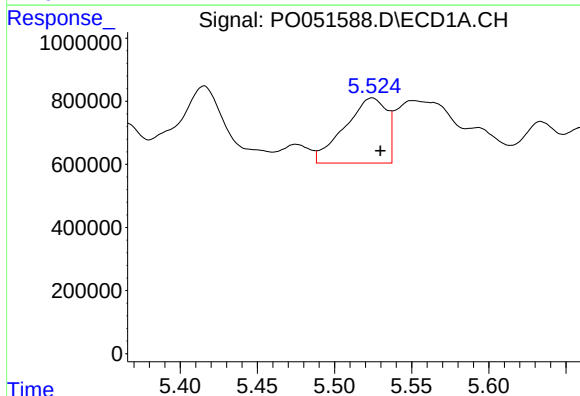
R.T.: 5.271 min
Delta R.T.: 0.029 min
Response: 3731634
Conc: 155.96 ng/ml

Instrument :
ECD_O
ClientSampleId :



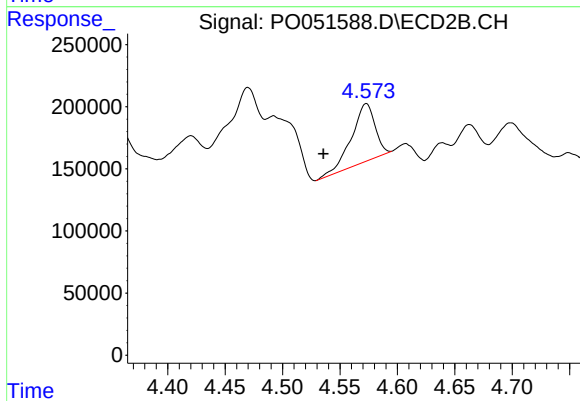
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 4.371 min
Response: 0
Conc: N.D.



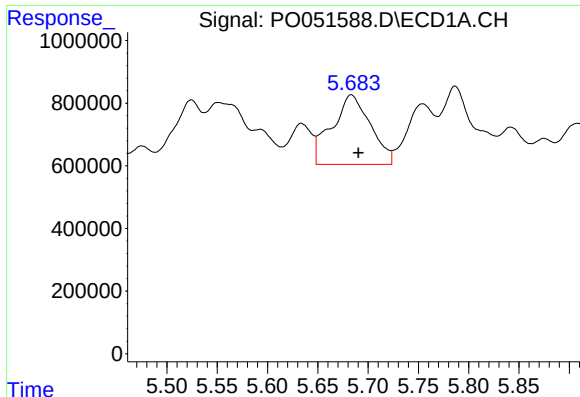
#13 AR-1232-3

R.T.: 5.524 min
Delta R.T.: -0.005 min
Response: 3917346
Conc: 81.61 ng/ml



#13 AR-1232-3

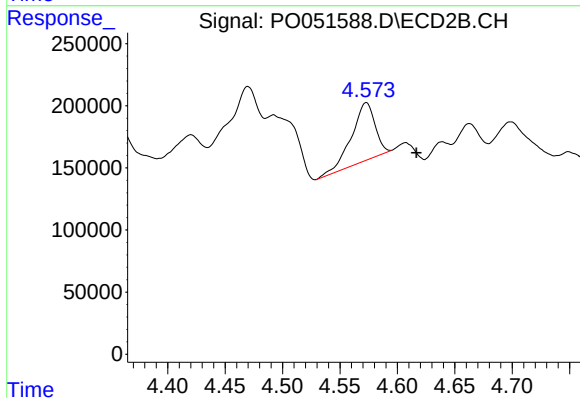
R.T.: 4.573 min
Delta R.T.: 0.037 min
Response: 668159
Conc: 140.01 ng/ml



#14 AR-1232-4

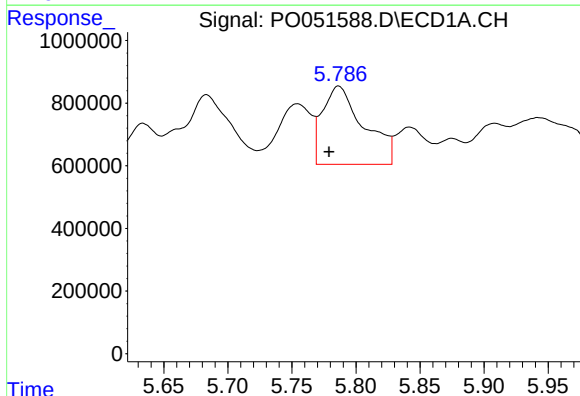
R.T.: 5.683 min
Delta R.T.: -0.007 min
Response: 5929050
Conc: 252.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



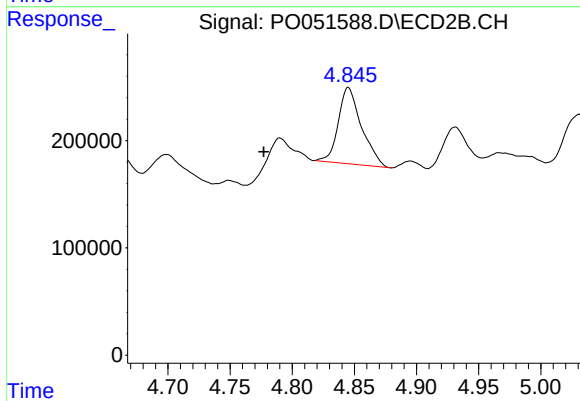
#14 AR-1232-4

R.T.: 4.573 min
Delta R.T.: -0.044 min
Response: 668159
Conc: 123.33 ng/ml



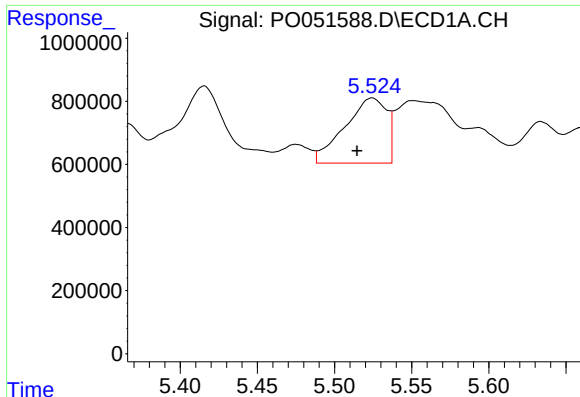
#15 AR-1232-5

R.T.: 5.786 min
Delta R.T.: 0.008 min
Response: 5595557
Conc: 360.08 ng/ml



#15 AR-1232-5

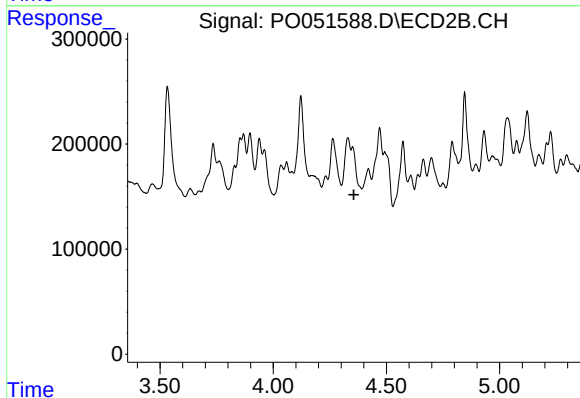
R.T.: 4.845 min
Delta R.T.: 0.068 min
Response: 924080
Conc: 267.98 ng/ml



#16 AR-1242-1

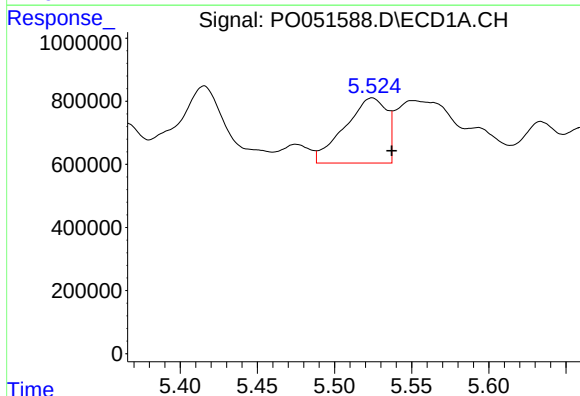
R.T.: 5.524 min
Delta R.T.: 0.010 min
Response: 3917346
Conc: 42.19 ng/ml

Instrument :
ECD_O
ClientSampleId :



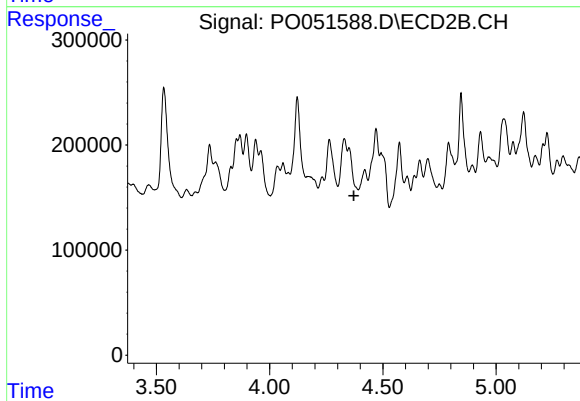
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 4.357 min
Response: 0
Conc: N.D.



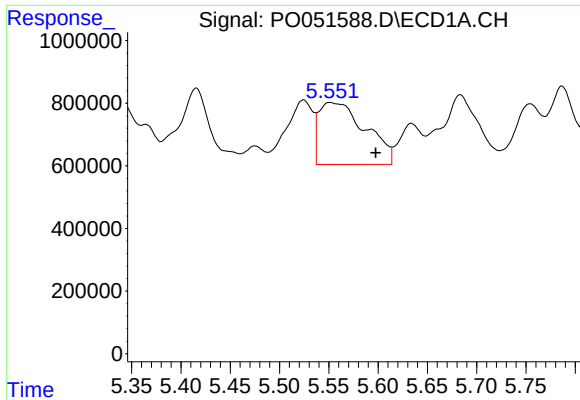
#17 AR-1242-2

R.T.: 5.524 min
Delta R.T.: -0.013 min
Response: 3917346
Conc: 42.19 ng/ml



#17 AR-1242-2

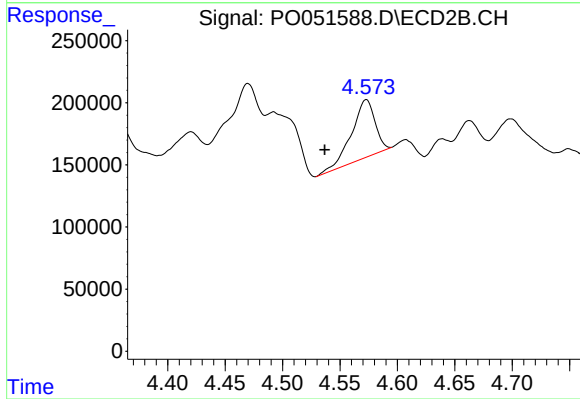
R.T.: 0.000 min
Exp R.T. : 4.372 min
Response: 0
Conc: N.D.



#18 AR-1242-3

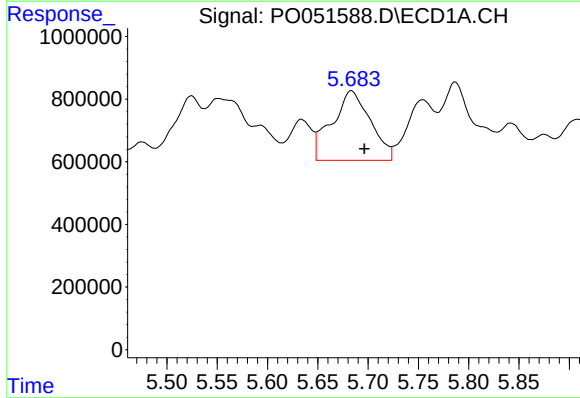
R.T.: 5.551 min
Delta R.T.: -0.046 min
Response: 6496633
Conc: 121.02 ng/ml

Instrument :
ECD_O
ClientSampleId :



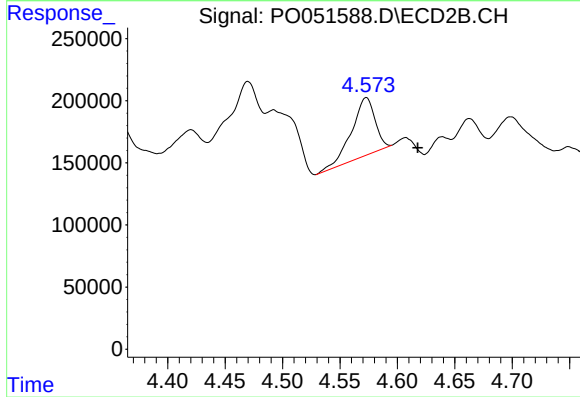
#18 AR-1242-3

R.T.: 4.573 min
Delta R.T.: 0.036 min
Response: 668159
Conc: 47.59 ng/ml



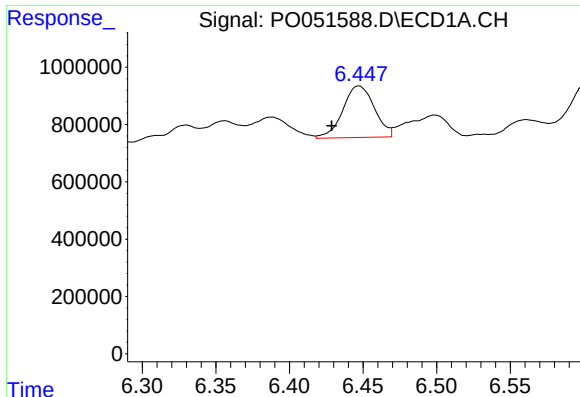
#19 AR-1242-4

R.T.: 5.683 min
Delta R.T.: -0.013 min
Response: 5929050
Conc: 132.97 ng/ml



#19 AR-1242-4

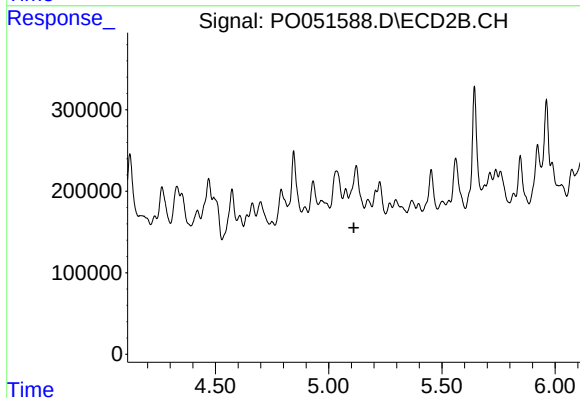
R.T.: 4.573 min
Delta R.T.: -0.045 min
Response: 668159
Conc: 112.78 ng/ml



#20 AR-1242-5

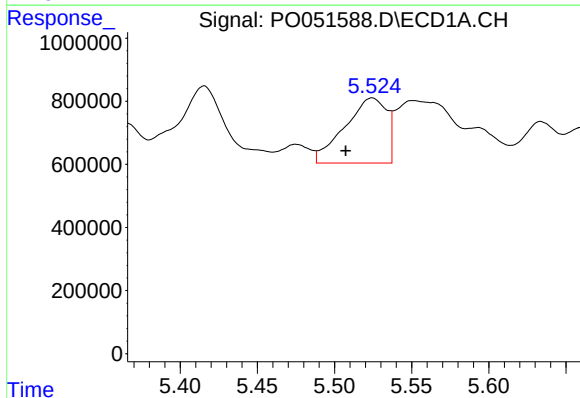
R.T.: 6.447 min
Delta R.T.: 0.018 min
Response: 2686113
Conc: 63.00 ng/ml

Instrument :
ECD_O
ClientSampleId :



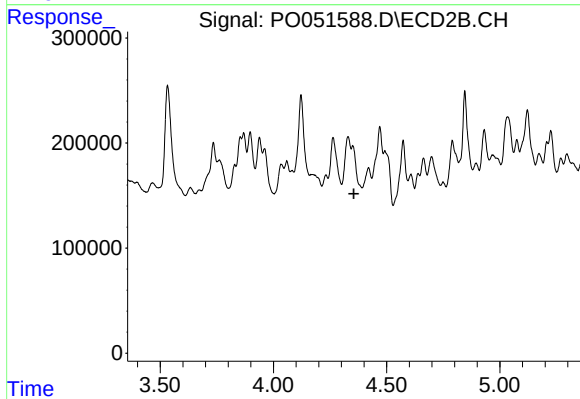
#20 AR-1242-5

R.T.: 0.000 min
Exp R.T. : 5.112 min
Response: 0
Conc: N.D.



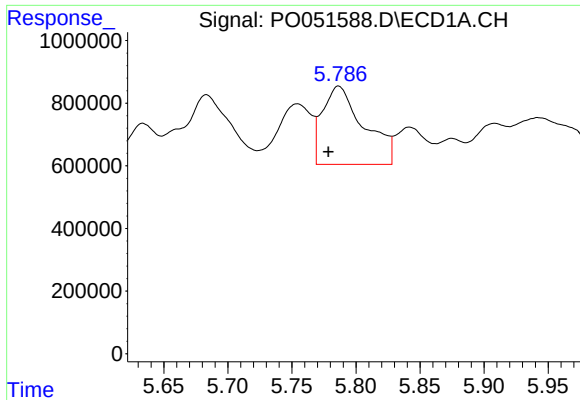
#21 AR-1248-1

R.T.: 5.524 min
Delta R.T.: 0.017 min
Response: 3917346
Conc: 60.03 ng/ml



#21 AR-1248-1

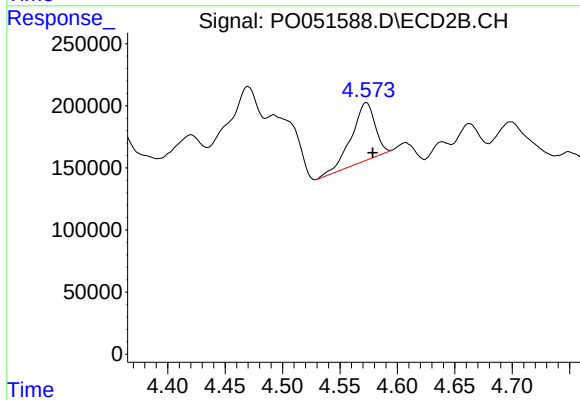
R.T.: 0.000 min
Exp R.T. : 4.356 min
Response: 0
Conc: N.D.



#22 AR-1248-2

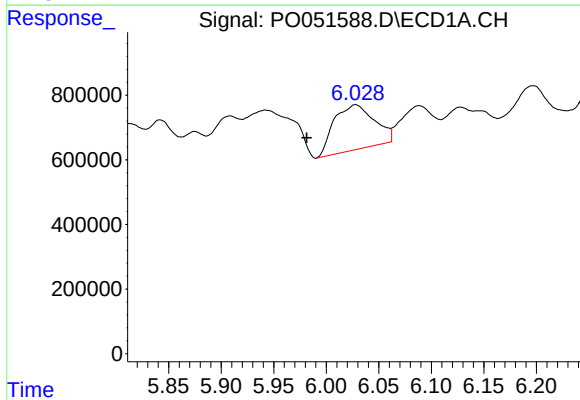
R.T.: 5.786 min
Delta R.T.: 0.008 min
Response: 5595557
Conc: 94.67 ng/ml

Instrument :
ECD_O
ClientSampleId :



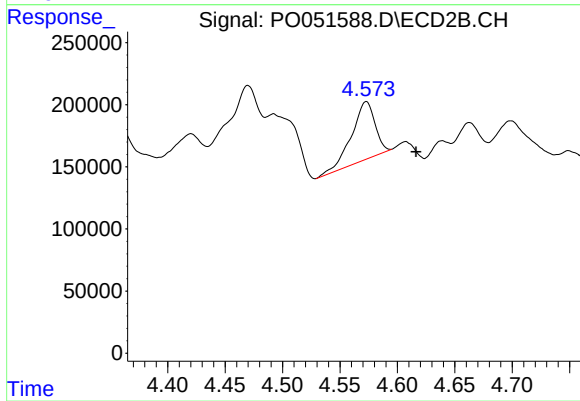
#22 AR-1248-2

R.T.: 4.573 min
Delta R.T.: -0.005 min
Response: 668159
Conc: 23.54 ng/ml



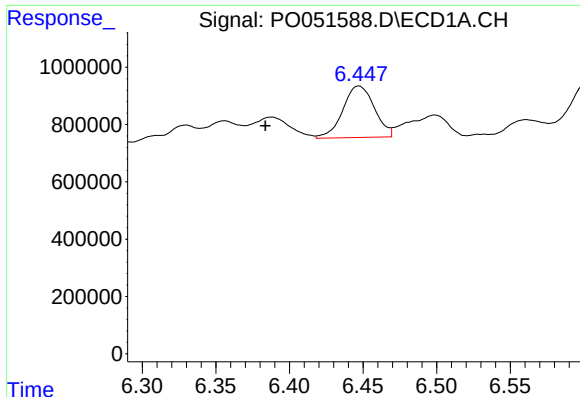
#23 AR-1248-3

R.T.: 6.028 min
Delta R.T.: 0.046 min
Response: 3723175
Conc: 150.20 ng/ml



#23 AR-1248-3

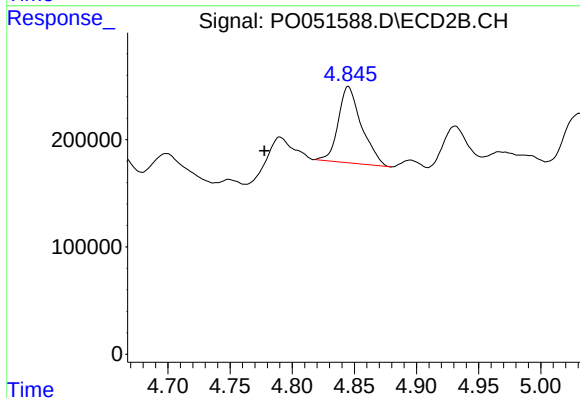
R.T.: 4.573 min
Delta R.T.: -0.043 min
Response: 668159
Conc: 66.86 ng/ml



#24 AR-1248-4

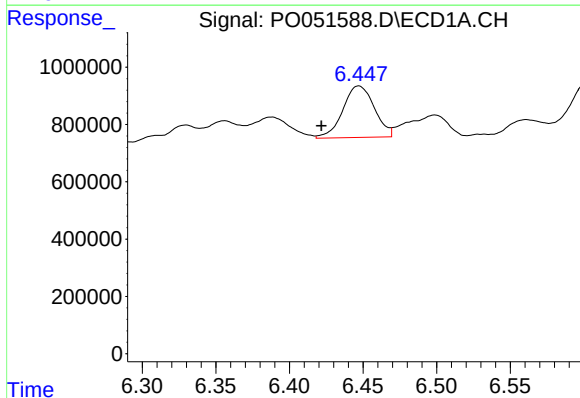
R.T.: 6.447 min
Delta R.T.: 0.063 min
Response: 2686113
Conc: 34.09 ng/ml

Instrument :
ECD_O
ClientSampleId :



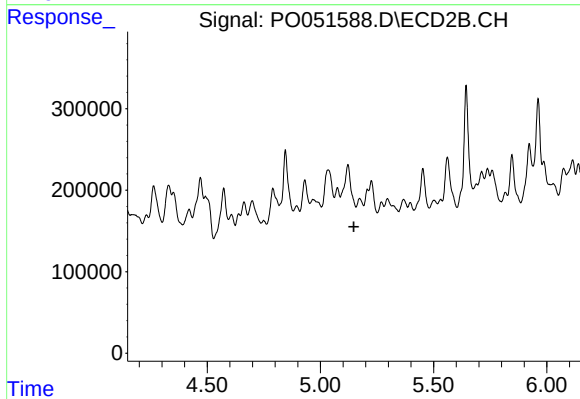
#24 AR-1248-4

R.T.: 4.845 min
Delta R.T.: 0.068 min
Response: 924080
Conc: 80.97 ng/ml



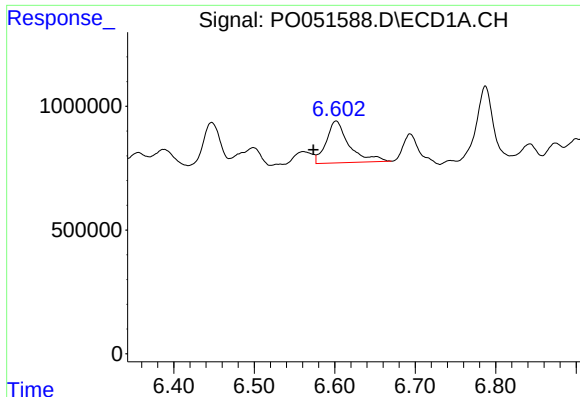
#25 AR-1248-5

R.T.: 6.447 min
Delta R.T.: 0.025 min
Response: 2686113
Conc: 34.09 ng/ml



#25 AR-1248-5

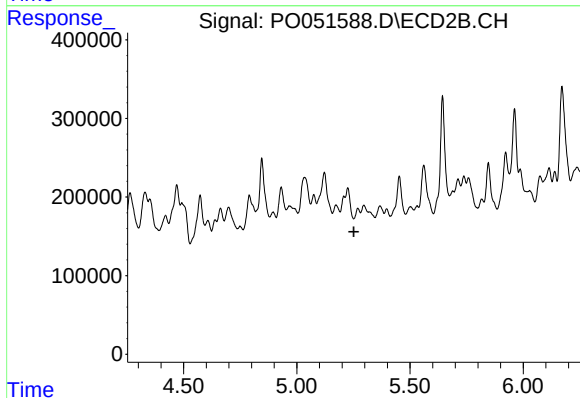
R.T.: 0.000 min
Exp R.T.: 5.148 min
Response: 0
Conc: N.D.



#27 AR-1254-2

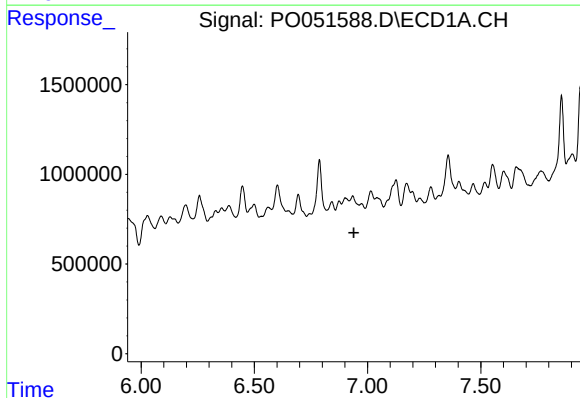
R.T.: 6.602 min
Delta R.T.: 0.028 min
Response: 3352340
Conc: 28.55 ng/ml

Instrument :
ECD_O
ClientSampleId :



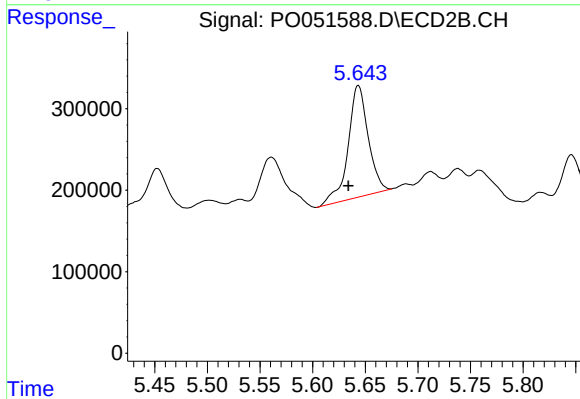
#27 AR-1254-2

R.T.: 0.000 min
Exp R.T. : 5.252 min
Response: 0
Conc: N.D.



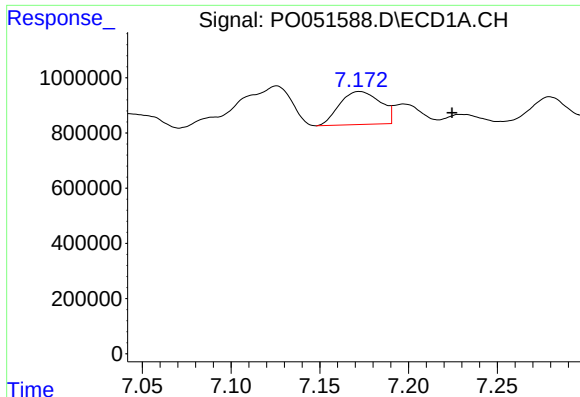
#28 AR-1254-3

R.T.: 0.000 min
Exp R.T. : 6.940 min
Response: 0
Conc: N.D.



#28 AR-1254-3

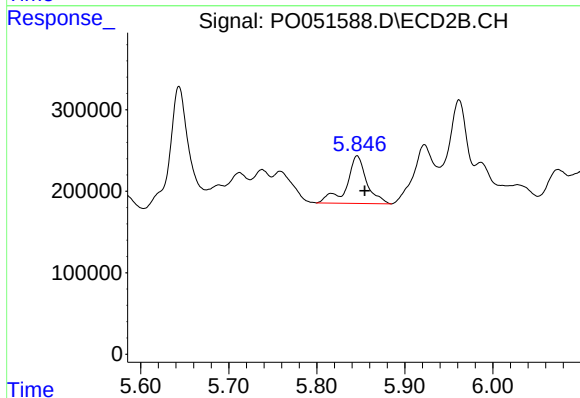
R.T.: 5.643 min
Delta R.T.: 0.010 min
Response: 1824326
Conc: 27.58 ng/ml



#29 AR-1254-4

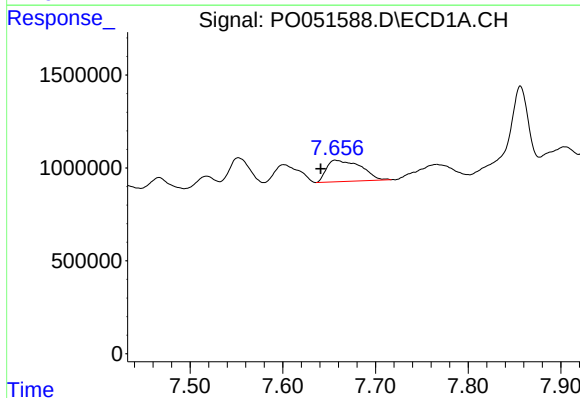
R.T.: 7.172 min
Delta R.T.: -0.052 min
Response: 1908635
Conc: 19.39 ng/ml

Instrument :
ECD_O
ClientSampleId :



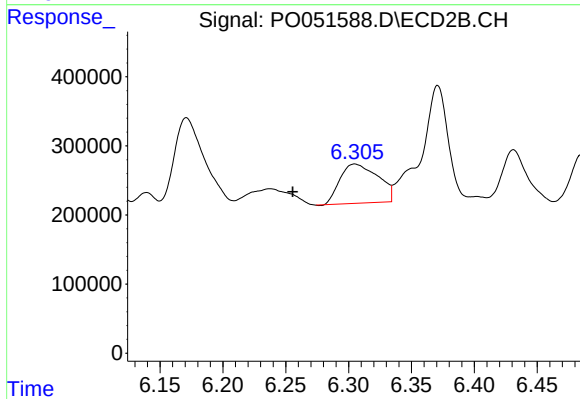
#29 AR-1254-4

R.T.: 5.846 min
Delta R.T.: -0.009 min
Response: 924967
Conc: 119.60 ng/ml



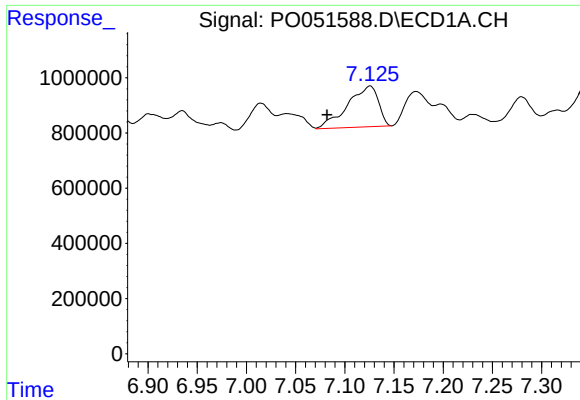
#30 AR-1254-5

R.T.: 7.657 min
Delta R.T.: 0.016 min
Response: 2963976
Conc: 173.95 ng/ml



#30 AR-1254-5

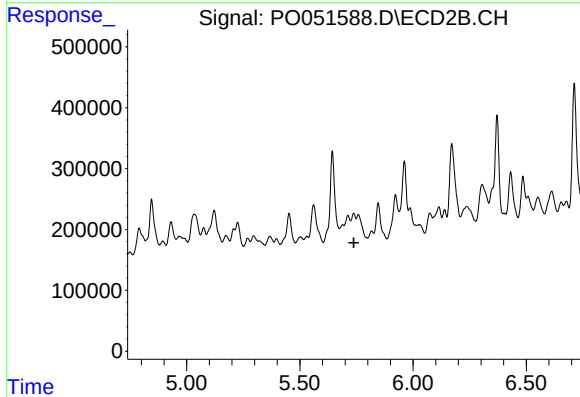
R.T.: 6.305 min
Delta R.T.: 0.049 min
Response: 1191942
Conc: 20.68 ng/ml



#31 AR-1260-1

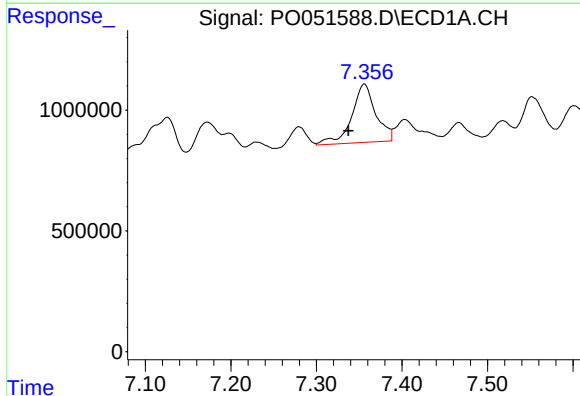
R.T.: 7.126 min
Delta R.T.: 0.044 min
Response: 3216327
Conc: 36.11 ng/ml

Instrument :
ECD_O
ClientSampleId :



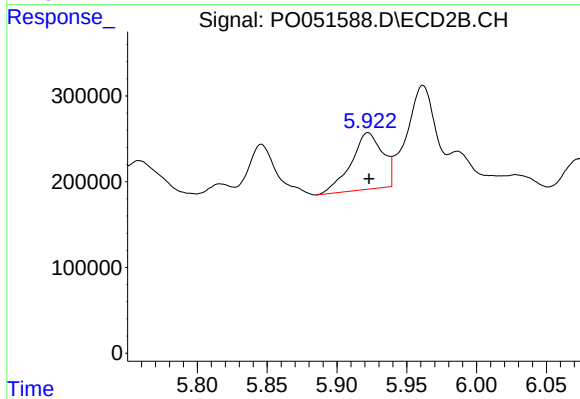
#31 AR-1260-1

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



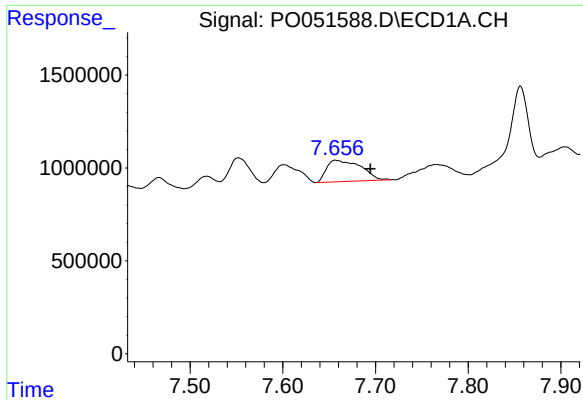
#32 AR-1260-2

R.T.: 7.356 min
Delta R.T.: 0.019 min
Response: 4733555
Conc: 37.28 ng/ml



#32 AR-1260-2

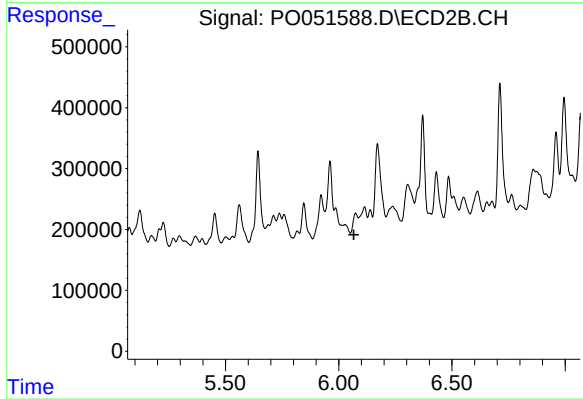
R.T.: 5.922 min
Delta R.T.: 0.000 min
Response: 1034941
Conc: 18.20 ng/ml



#33 AR-1260-3

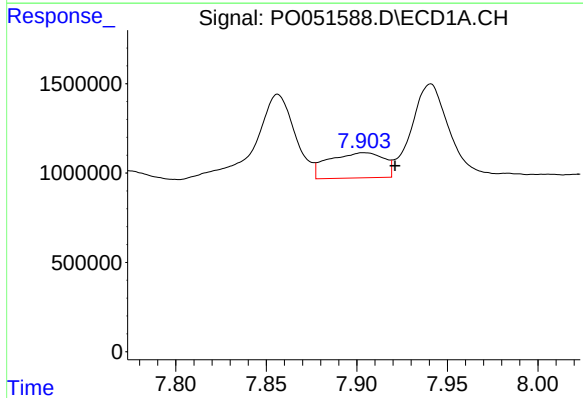
R.T.: 7.657 min
Delta R.T.: -0.038 min
Response: 2963976
Conc: 34.10 ng/ml

Instrument :
ECD_O
ClientSampleId :



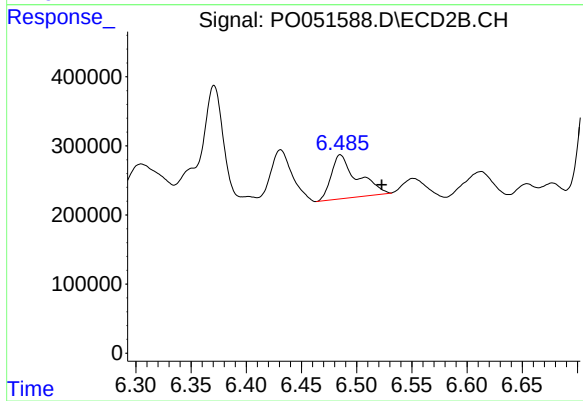
#33 AR-1260-3

R.T.: 0.000 min
Exp R.T. : 6.067 min
Response: 0
Conc: N.D.



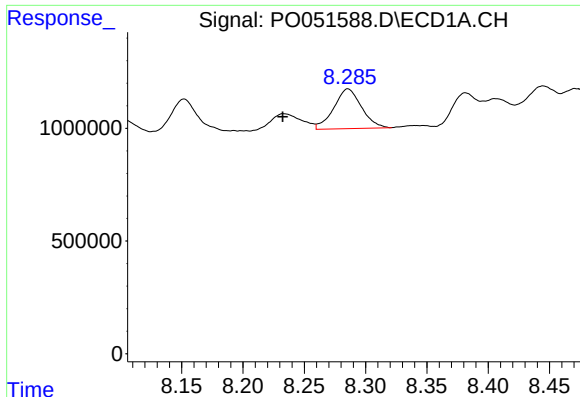
#34 AR-1260-4

R.T.: 7.904 min
Delta R.T.: -0.017 min
Response: 2985062
Conc: 33.97 ng/ml



#34 AR-1260-4

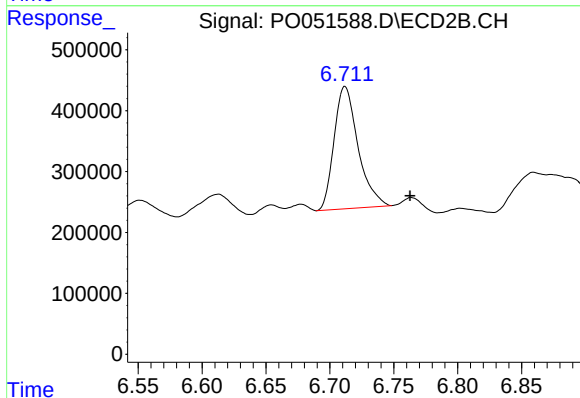
R.T.: 6.485 min
Delta R.T.: -0.038 min
Response: 1034634
Conc: 30.14 ng/ml



#35 AR-1260-5

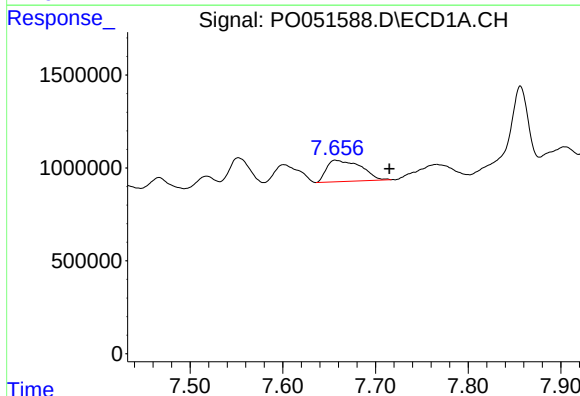
R.T.: 8.286 min
Delta R.T.: 0.053 min
Response: 2775570
Conc: 13.48 ng/ml

Instrument :
ECD_O
ClientSampleId :



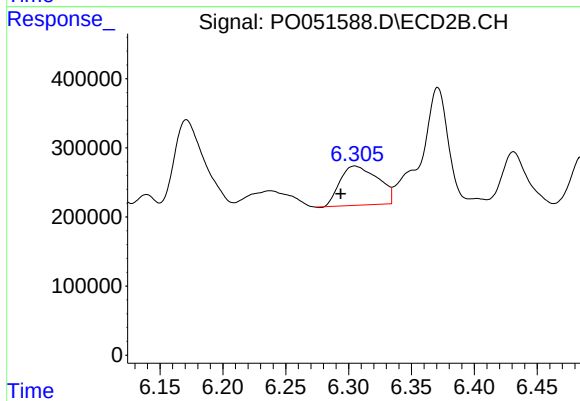
#35 AR-1260-5

R.T.: 6.712 min
Delta R.T.: -0.051 min
Response: 2623814
Conc: 26.90 ng/ml



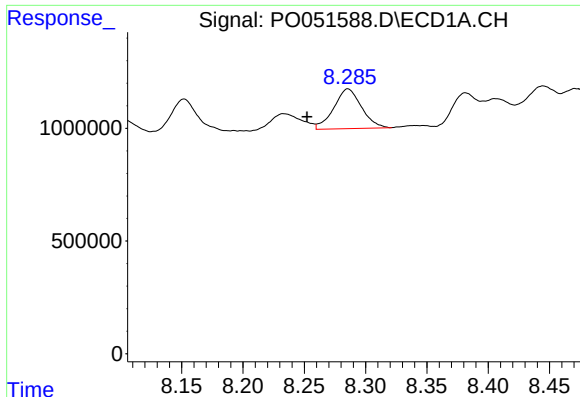
#36 AR-1262-1

R.T.: 7.657 min
Delta R.T.: -0.059 min
Response: 2963976
Conc: 20.67 ng/ml



#36 AR-1262-1

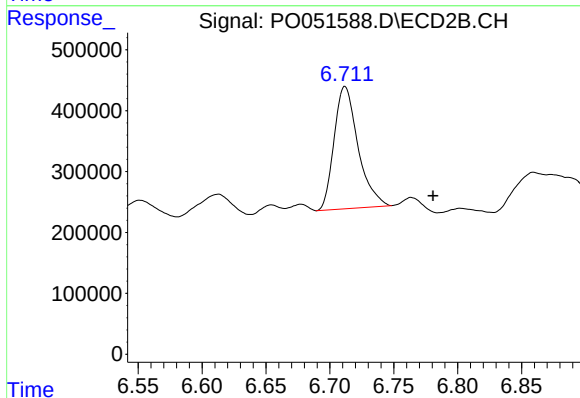
R.T.: 6.305 min
Delta R.T.: 0.011 min
Response: 1191942
Conc: 17.77 ng/ml



#37 AR-1262-2

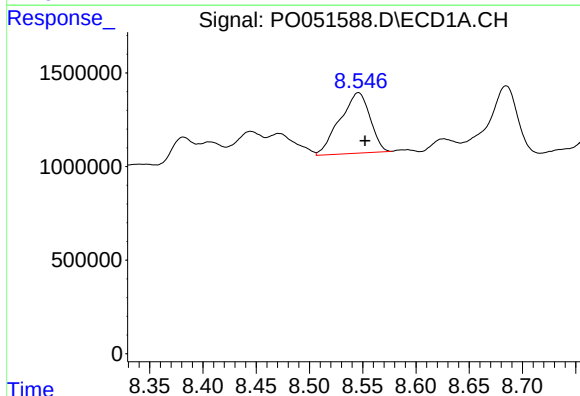
R.T.: 8.286 min
Delta R.T.: 0.033 min
Response: 2775570
Conc: 11.12 ng/ml

Instrument :
ECD_O
ClientSampleId :



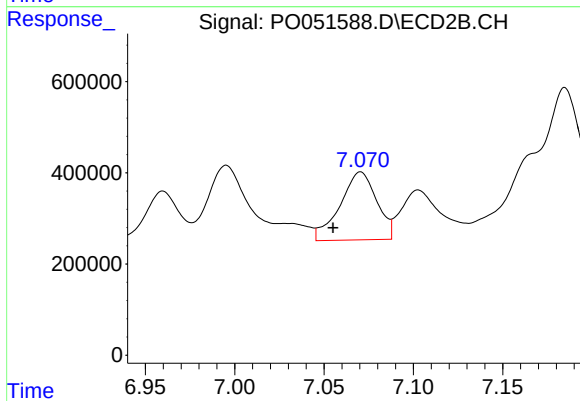
#37 AR-1262-2

R.T.: 6.712 min
Delta R.T.: -0.069 min
Response: 2623814
Conc: 21.32 ng/ml



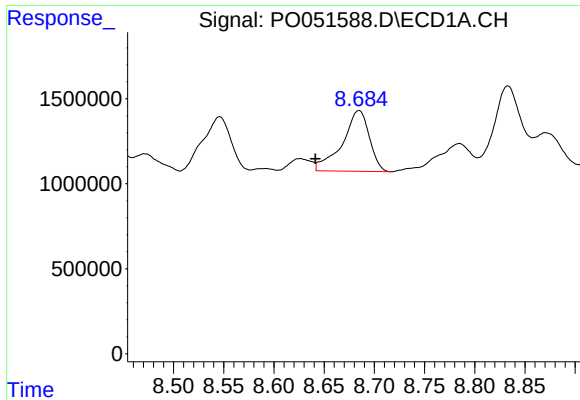
#38 AR-1262-3

R.T.: 8.546 min
Delta R.T.: -0.006 min
Response: 6364347
Conc: 40.40 ng/ml



#38 AR-1262-3

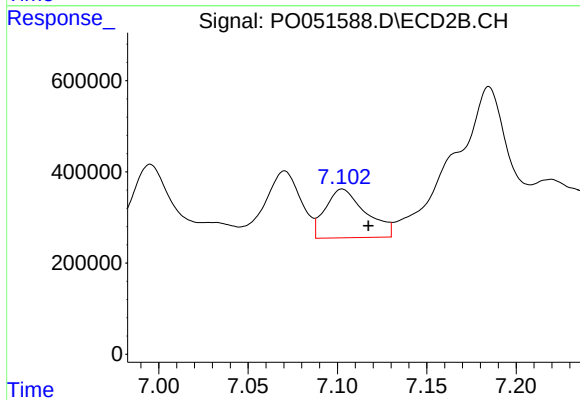
R.T.: 7.070 min
Delta R.T.: 0.015 min
Response: 2134005
Conc: 42.41 ng/ml



#39 AR-1262-4

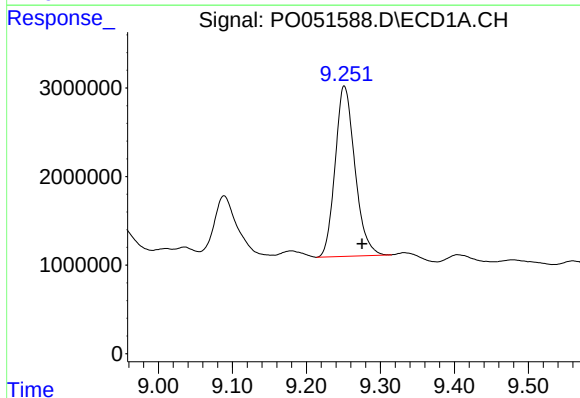
R.T.: 8.685 min
Delta R.T.: 0.043 min
Response: 6705113
Conc: 55.13 ng/ml

Instrument :
ECD_O
ClientSampleId :



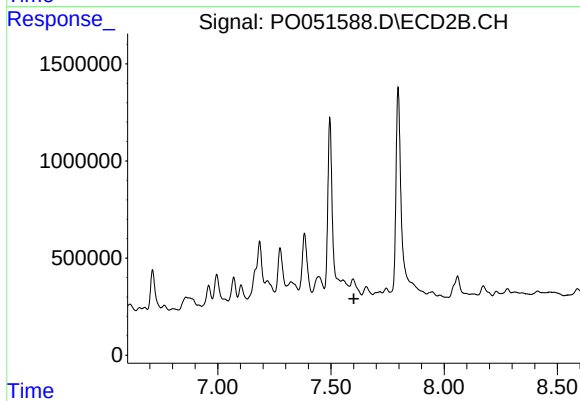
#39 AR-1262-4

R.T.: 7.103 min
Delta R.T.: -0.014 min
Response: 1684704
Conc: 19.05 ng/ml



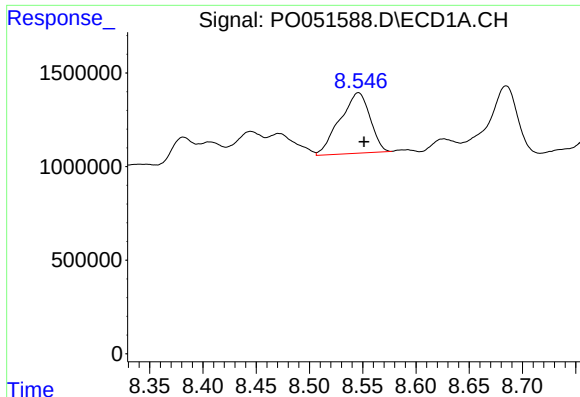
#40 AR-1262-5

R.T.: 9.251 min
Delta R.T.: -0.024 min
Response: 35646885
Conc: 444.01 ng/ml



#40 AR-1262-5

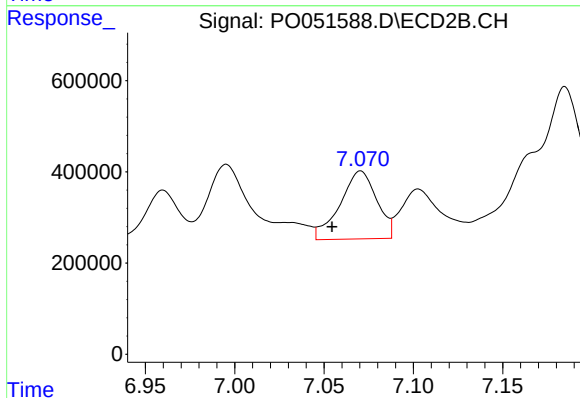
R.T.: 0.000 min
Exp R.T.: 7.601 min
Response: 0
Conc: N.D.



#41 AR-1268-1

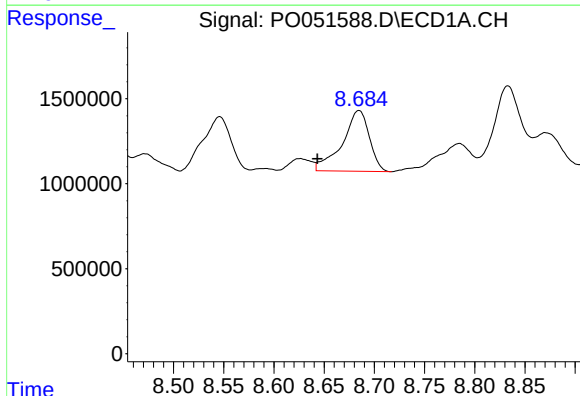
R.T.: 8.546 min
Delta R.T.: -0.005 min
Response: 6364347
Conc: 17.82 ng/ml

Instrument :
ECD_O
ClientSampleId :



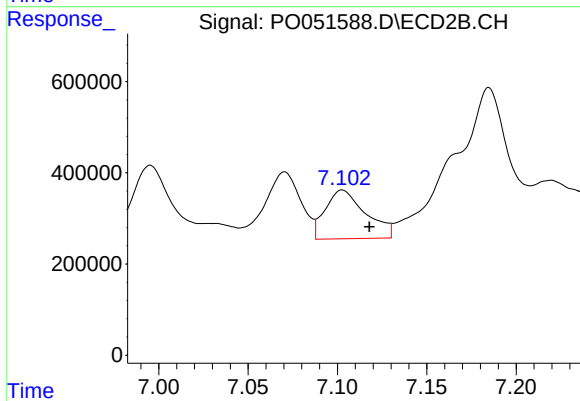
#41 AR-1268-1

R.T.: 7.070 min
Delta R.T.: 0.016 min
Response: 2134005
Conc: 12.06 ng/ml



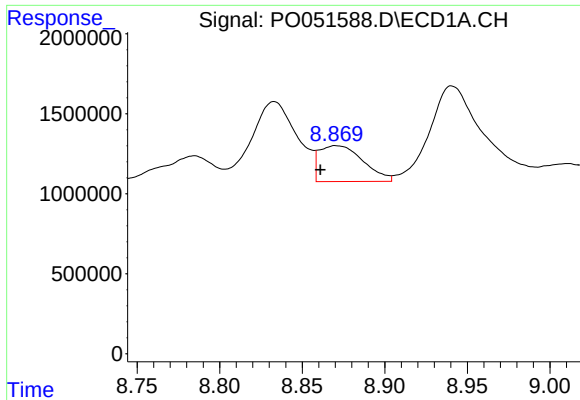
#42 AR-1268-2

R.T.: 8.685 min
Delta R.T.: 0.041 min
Response: 6705113
Conc: 21.45 ng/ml



#42 AR-1268-2

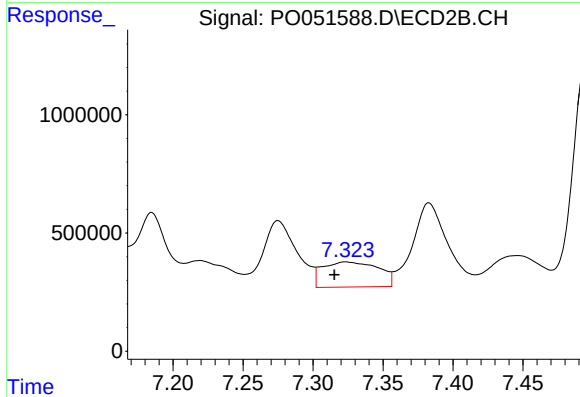
R.T.: 7.103 min
Delta R.T.: -0.015 min
Response: 1684704
Conc: 10.58 ng/ml



#43 AR-1268-3

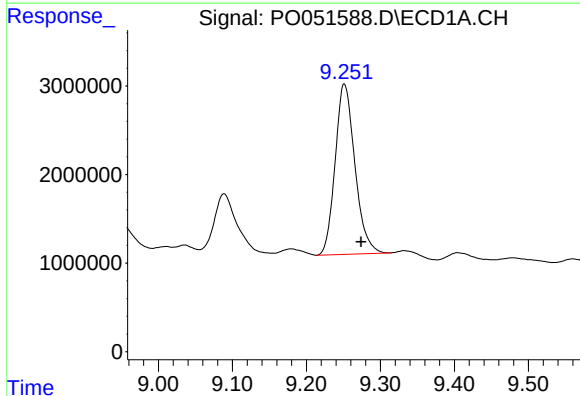
R.T.: 8.870 min
Delta R.T.: 0.010 min
Response: 4144779
Conc: 14.85 ng/ml

Instrument :
ECD_O
ClientSampleId :



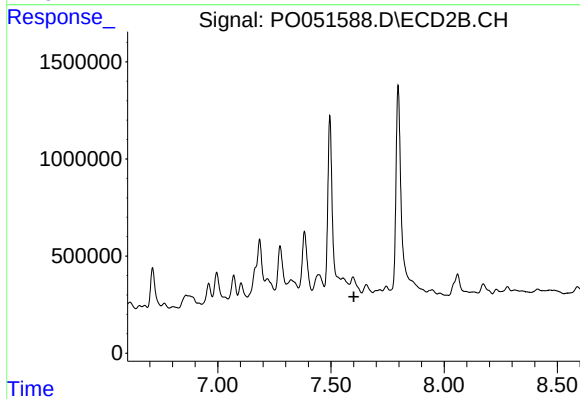
#43 AR-1268-3

R.T.: 7.324 min
Delta R.T.: 0.008 min
Response: 2950817
Conc: 20.89 ng/ml



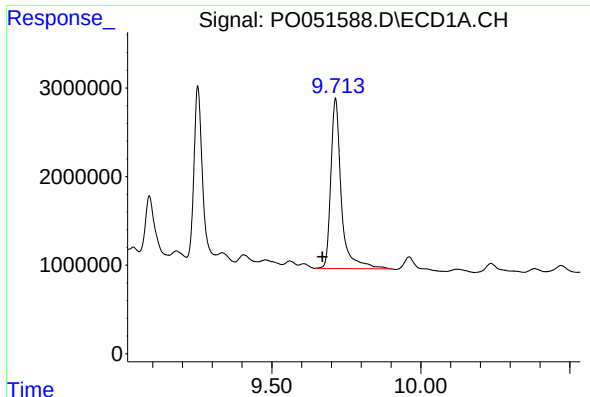
#44 AR-1268-4

R.T.: 9.251 min
Delta R.T.: -0.023 min
Response: 35646885
Conc: 352.33 ng/ml



#44 AR-1268-4

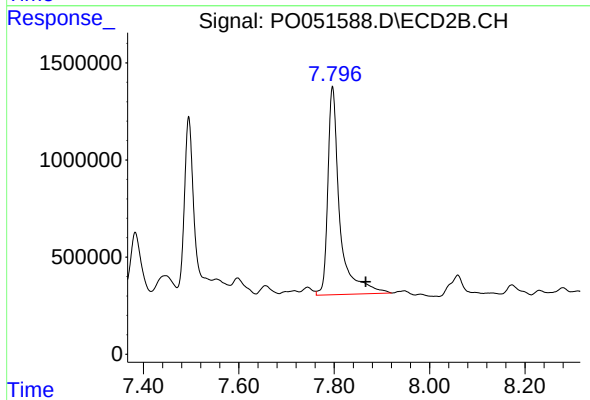
R.T.: 0.000 min
Exp R.T.: 7.601 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.714 min
Delta R.T.: 0.044 min
Response: 47199120
Conc: 57.61 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 7.797 min
Delta R.T.: -0.070 min
Response: 18640088
Conc: 46.89 ng/ml