

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO122923\
 Data File : PO100858.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Dec 2023 11:41
 Operator : YP/AJ
 Sample : 06024-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 29 12:05:36 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO122023.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Dec 21 04:28:19 2023
 Response via : Initial Calibration
 Integrator: ChemStation

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...	4.347	3.644	50759143	27995527	16.268	13.700
2)	SA Decachlor...	10.096	8.705	17144667	12490792	8.207	8.276
Target Compounds							
3)	L1 AR-1016-1	5.512	4.738	16873879	12423180	196.603	200.749
4)	L1 AR-1016-2	5.512	4.781	16873879	2470067	132.186	28.014 #
5)	L1 AR-1016-3	5.587	4.928	19784394	1621850	250.861	34.718 #
6)	L1 AR-1016-4	5.681	4.981	4125112	2118021	67.694	51.611
7)	L1 AR-1016-5	6.032f	5.212	-1019997	4108046	N.D.	79.082 #
8)	L2 AR-1221-1	4.553	3.887	14554566	573504	393.714	22.838 #
9)	L2 AR-1221-2	4.660	3.932	337966	7994633	12.170	416.335 #
10)	L2 AR-1221-3	4.726	4.019	1771052	556862	21.220	9.463 #
11)	L3 AR-1232-1	4.726	4.019	1771052	556862	26.565	11.777 #
12)	L3 AR-1232-2	5.268	4.781	6034727	2470067	172.131	59.220 #
13)	L3 AR-1232-3	5.512	4.928	16873879	1621850	282.806	75.598 #
14)	L3 AR-1232-4	5.681	5.050	4125112	5439715	150.444	256.024 #
15)	L3 AR-1232-5	5.792	5.212	3123021	4108046	129.893	187.981 #
16)	L4 AR-1242-1	5.512	4.738	16873879	12423180	239.242	237.863
17)	L4 AR-1242-2	5.512	4.781	16873879	2470067	160.761	34.082 #
18)	L4 AR-1242-3	5.587	4.928	19784394	1621850	304.354	42.328 #
19)	L4 AR-1242-4	5.681	5.050	4125112	5439715	82.375	130.506 #
20)	L4 AR-1242-5	6.443	5.559	5417236	6790286	104.667	147.954 #
21)	L5 AR-1248-1	5.512	4.738	16873879	12423180	307.579	310.668
22)	L5 AR-1248-2	5.792	4.981	3123021	2118021	36.160	35.205
23)	L5 AR-1248-3	6.032f	5.050	-1019997	5439715	N.D.	87.022 #
24)	L5 AR-1248-4	6.383	5.212	8466290	4108046	94.167	57.032 #
25)	L5 AR-1248-5	6.443	5.626	5417236	6830717	60.352	110.723 #
26)	L6 AR-1254-1	6.383	5.559	8466290	6790286	80.540	66.163
27)	L6 AR-1254-2	6.601	5.698	5798661	3226925	39.270	35.124
28)	L6 AR-1254-3	6.964	6.106	4157164	2593877	29.688	19.180 #
29)	L6 AR-1254-4	7.248	6.336	1267386	1750908	14.908	24.274 #
30)	L6 AR-1254-5	7.669	6.757	5413207	4368383	45.748	37.912
31)	L7 AR-1260-1	7.123	6.235	2831106	1066841	20.665	11.200 #
32)	L7 AR-1260-2	7.381	6.423	5135675	2902345	40.834	27.003 #
33)	L7 AR-1260-3	7.748	6.581	561118	1806213	5.793	17.622 #
34)	L7 AR-1260-4	7.964	7.057	1147952	265534	10.878	3.257 #
35)	L7 AR-1260-5	8.294	7.299	2949657	870361	13.973	4.823 #
36)	L8 AR-1262-1	7.669	6.757	5413207	4368383	54.186	70.030 #
37)	L8 AR-1262-2	8.294	7.057	2949657	265534	12.430	2.350 #
38)	L8 AR-1262-3	8.616	7.590	2091236	-159012	12.877	N.D. #
39)	L8 AR-1262-4	8.689	7.647	184863	1023839	1.434	6.930 #
40)	L8 AR-1262-5	9.320	8.149	122914	315371	1.541	4.931 #
41)	L9 AR-1268-1	8.616	7.590	2091236	-159012	7.401	N.D. #

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Acq On : 29 Dec 2023 11:41
Operator : YP/AJ
Sample : 06024-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

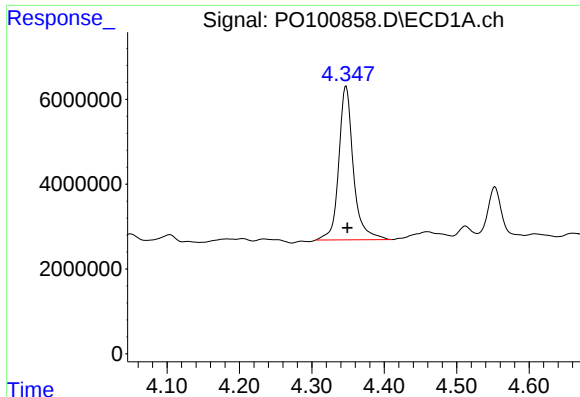
Instrument :
ECD_O
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 29 12:05:36 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO122023.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Dec 21 04:28:19 2023
Response via : Initial Calibration
Integrator: ChemStation

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	8.689	7.647	184863	1023839	0.732	5.062 #
44)	L9 AR-1268-4	9.320	8.149	122914	315371	1.570	4.697 #
45)	L9 AR-1268-5	9.771	8.442	578266	300554	0.806	0.579 #

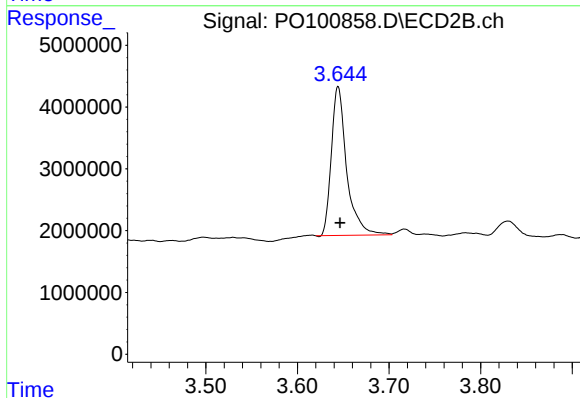
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

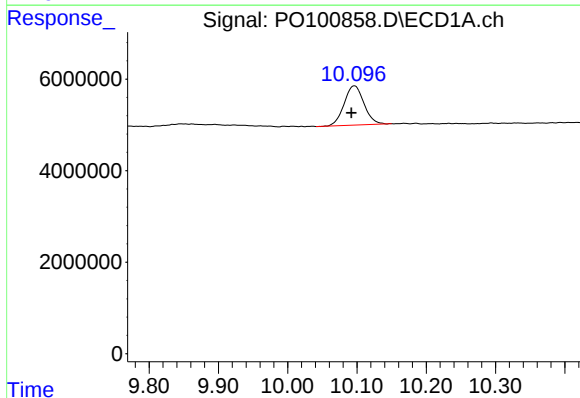
R.T.: 4.347 min
Delta R.T.: -0.002 min
Response: 50759143
Conc: 16.27 ng/ml

Instrument :
ECD_O
ClientSampleId :



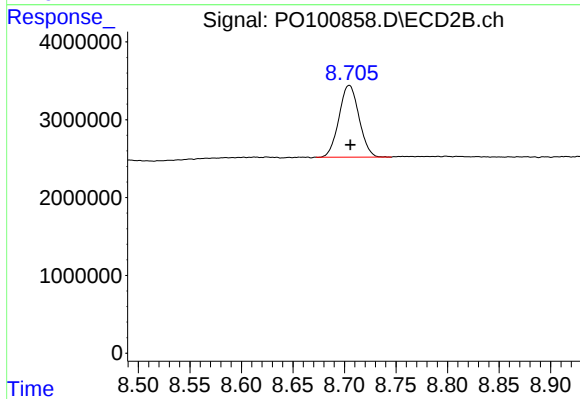
#1 Tetrachloro-m-xylene

R.T.: 3.644 min
Delta R.T.: -0.002 min
Response: 27995527
Conc: 13.70 ng/ml



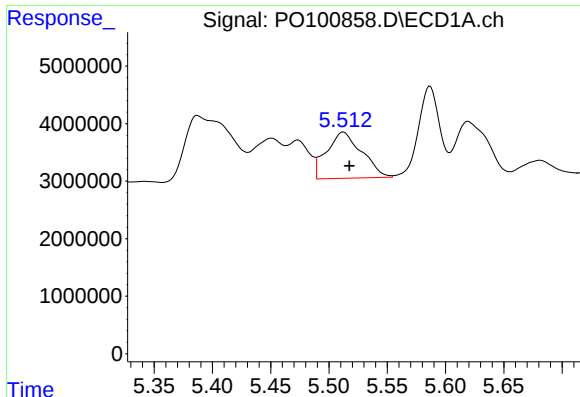
#2 Decachlorobiphenyl

R.T.: 10.096 min
Delta R.T.: 0.005 min
Response: 17144667
Conc: 8.21 ng/ml



#2 Decachlorobiphenyl

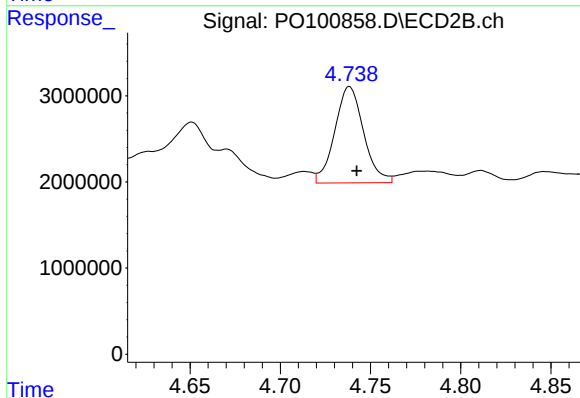
R.T.: 8.705 min
Delta R.T.: -0.001 min
Response: 12490792
Conc: 8.28 ng/ml



#3 AR-1016-1

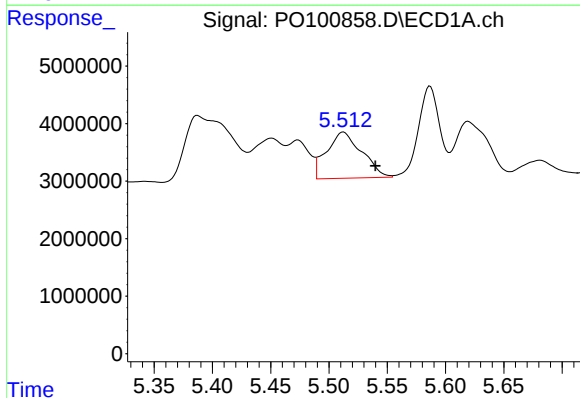
R.T.: 5.512 min
Delta R.T.: -0.005 min
Response: 16873879
Conc: 196.60 ng/ml

Instrument :
ECD_O
ClientSampleId :



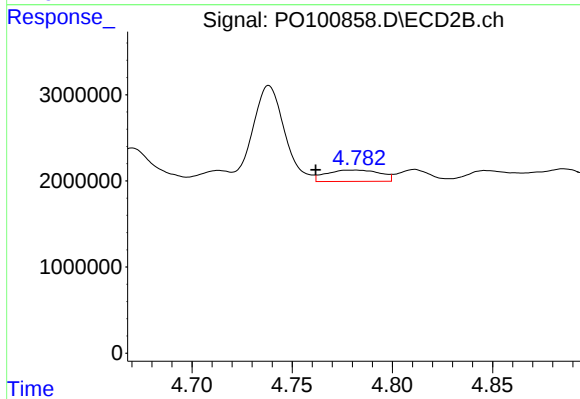
#3 AR-1016-1

R.T.: 4.738 min
Delta R.T.: -0.004 min
Response: 12423180
Conc: 200.75 ng/ml



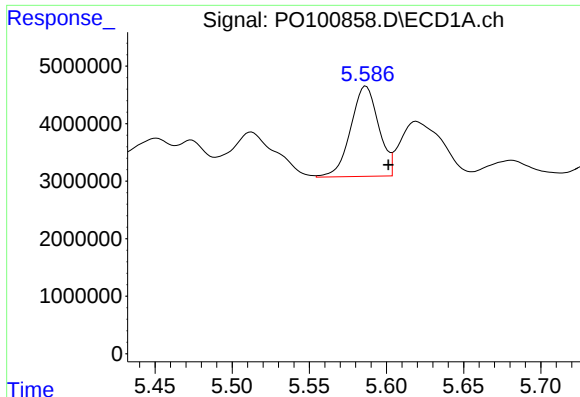
#4 AR-1016-2

R.T.: 5.512 min
Delta R.T.: -0.027 min
Response: 16873879
Conc: 132.19 ng/ml



#4 AR-1016-2

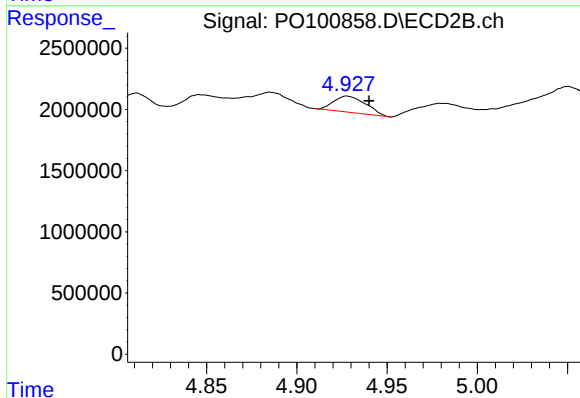
R.T.: 4.781 min
Delta R.T.: 0.020 min
Response: 2470067
Conc: 28.01 ng/ml



#5 AR-1016-3

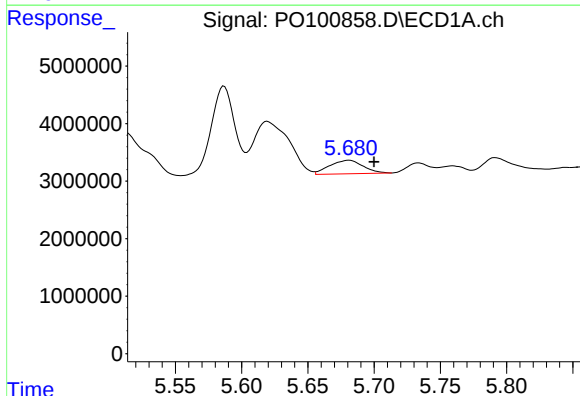
R.T.: 5.587 min
Delta R.T.: -0.015 min
Response: 19784394
Conc: 250.86 ng/ml

Instrument :
ECD_O
ClientSampleId :



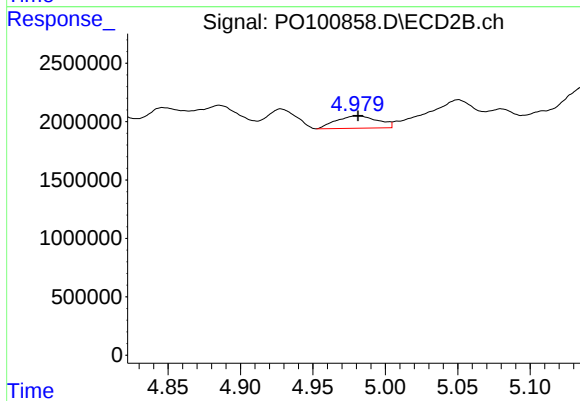
#5 AR-1016-3

R.T.: 4.928 min
Delta R.T.: -0.012 min
Response: 1621850
Conc: 34.72 ng/ml



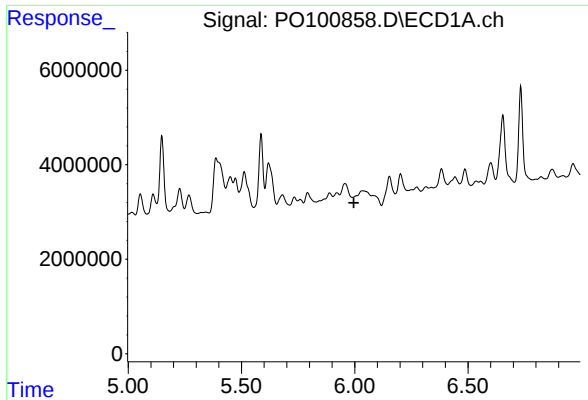
#6 AR-1016-4

R.T.: 5.681 min
Delta R.T.: -0.019 min
Response: 4125112
Conc: 67.69 ng/ml



#6 AR-1016-4

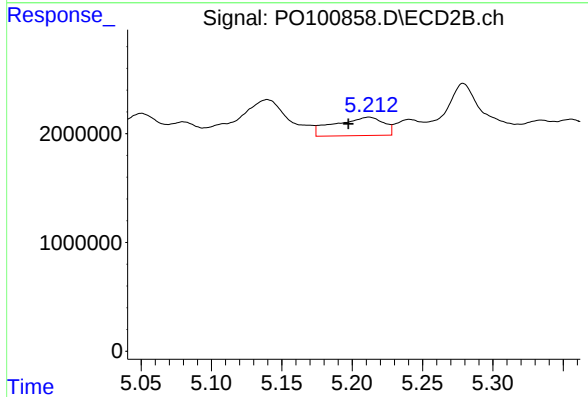
R.T.: 4.981 min
Delta R.T.: 0.000 min
Response: 2118021
Conc: 51.61 ng/ml



#7 AR-1016-5

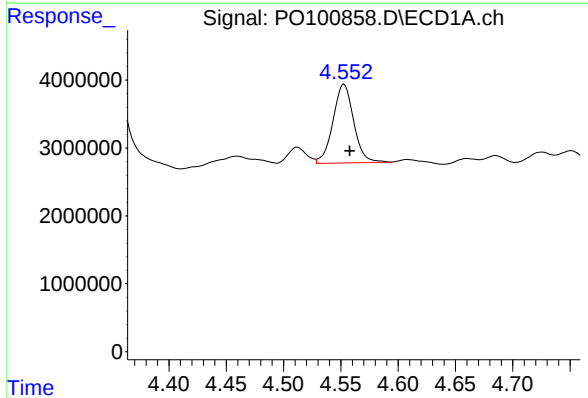
R.T.: 6.032 min
Delta R.T.: 0.036 min
Response: -1019997
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



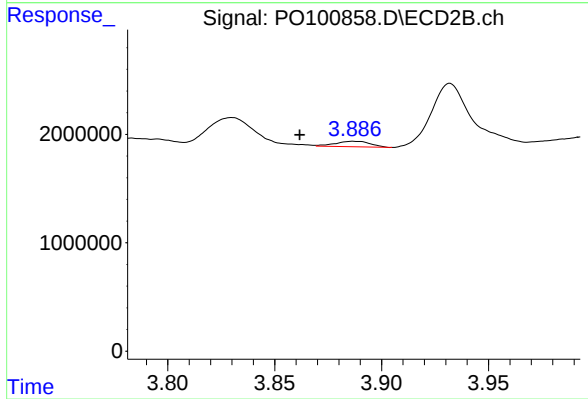
#7 AR-1016-5

R.T.: 5.212 min
Delta R.T.: 0.015 min
Response: 4108046
Conc: 79.08 ng/ml



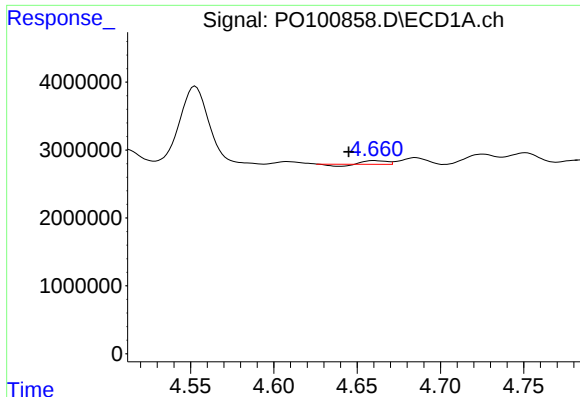
#8 AR-1221-1

R.T.: 4.553 min
Delta R.T.: -0.005 min
Response: 14554566
Conc: 393.71 ng/ml



#8 AR-1221-1

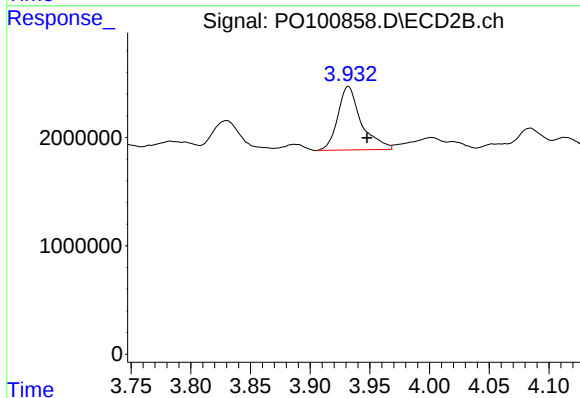
R.T.: 3.887 min
Delta R.T.: 0.025 min
Response: 573504
Conc: 22.84 ng/ml



#9 AR-1221-2

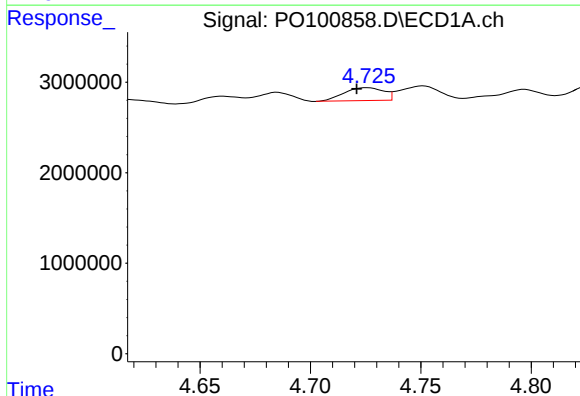
R.T.: 4.660 min
Delta R.T.: 0.016 min
Response: 337966
Conc: 12.17 ng/ml

Instrument :
ECD_O
ClientSampleId :



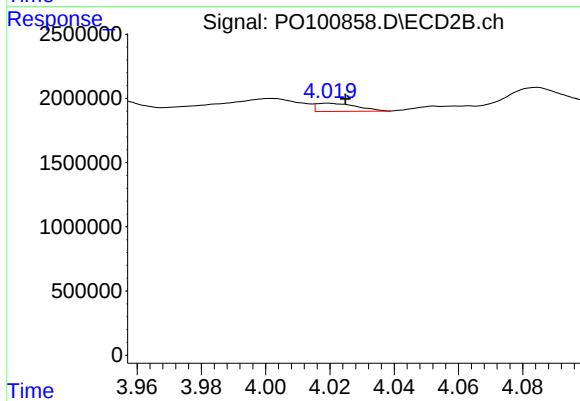
#9 AR-1221-2

R.T.: 3.932 min
Delta R.T.: -0.016 min
Response: 7994633
Conc: 416.33 ng/ml



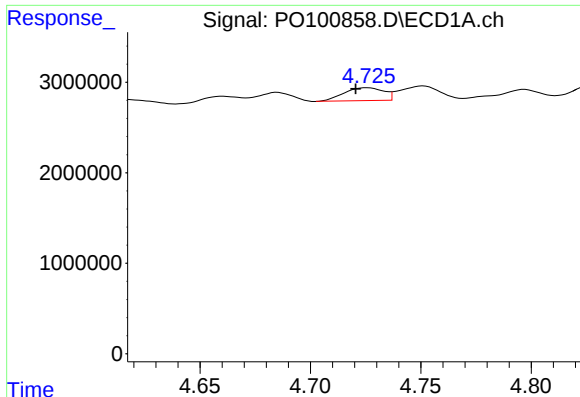
#10 AR-1221-3

R.T.: 4.726 min
Delta R.T.: 0.005 min
Response: 1771052
Conc: 21.22 ng/ml



#10 AR-1221-3

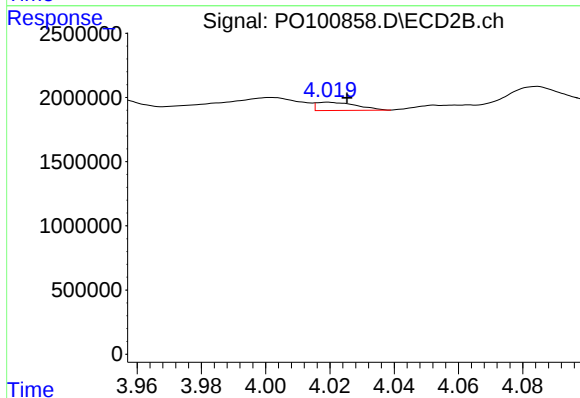
R.T.: 4.019 min
Delta R.T.: -0.006 min
Response: 556862
Conc: 9.46 ng/ml



#11 AR-1232-1

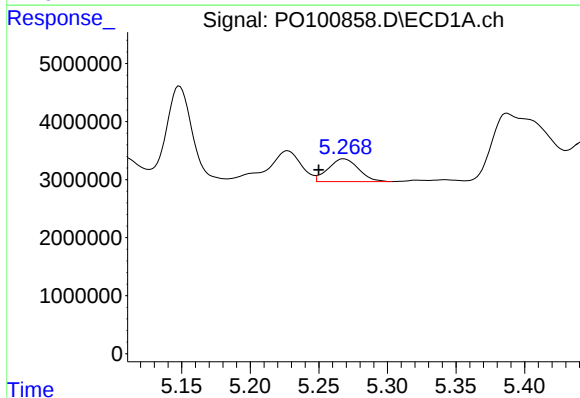
R.T.: 4.726 min
Delta R.T.: 0.005 min
Response: 1771052
Conc: 26.56 ng/ml

Instrument :
ECD_O
ClientSampleId :



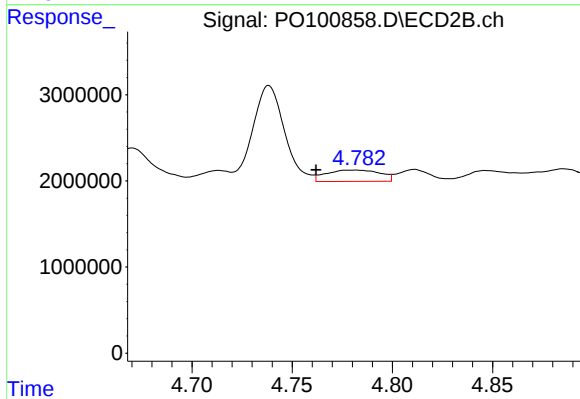
#11 AR-1232-1

R.T.: 4.019 min
Delta R.T.: -0.006 min
Response: 556862
Conc: 11.78 ng/ml



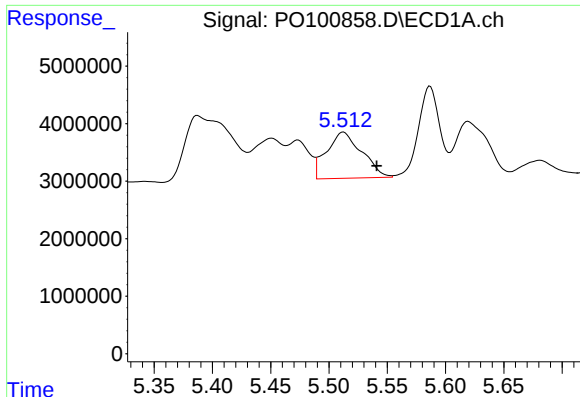
#12 AR-1232-2

R.T.: 5.268 min
Delta R.T.: 0.018 min
Response: 6034727
Conc: 172.13 ng/ml



#12 AR-1232-2

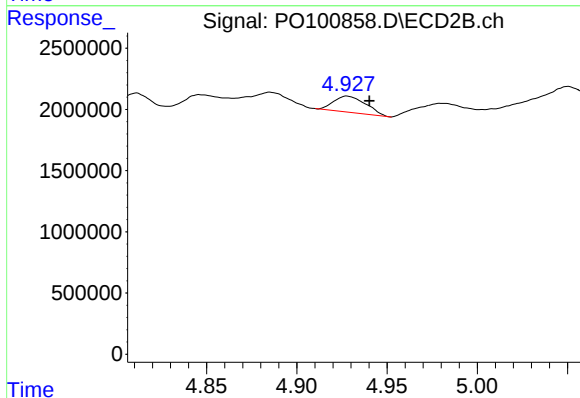
R.T.: 4.781 min
Delta R.T.: 0.019 min
Response: 2470067
Conc: 59.22 ng/ml



#13 AR-1232-3

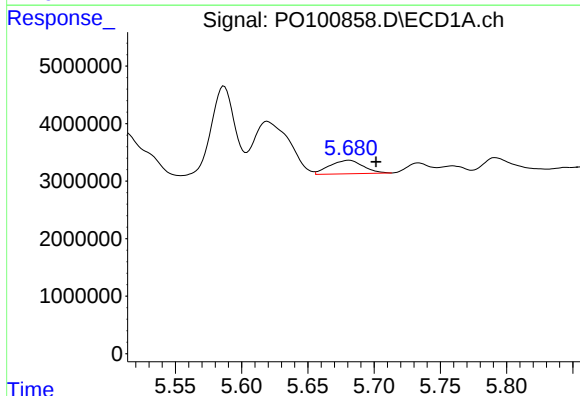
R.T.: 5.512 min
Delta R.T.: -0.028 min
Response: 16873879
Conc: 282.81 ng/ml

Instrument :
ECD_O
ClientSampleId :



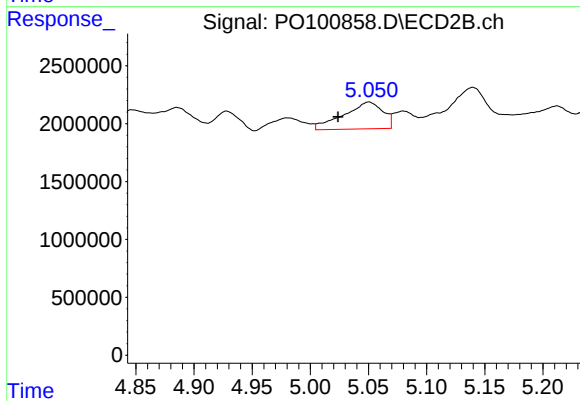
#13 AR-1232-3

R.T.: 4.928 min
Delta R.T.: -0.012 min
Response: 1621850
Conc: 75.60 ng/ml



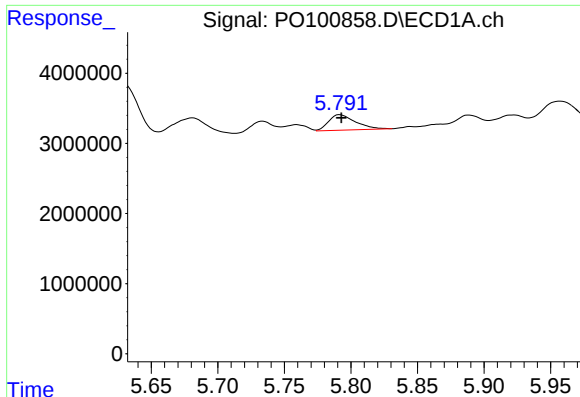
#14 AR-1232-4

R.T.: 5.681 min
Delta R.T.: -0.020 min
Response: 4125112
Conc: 150.44 ng/ml



#14 AR-1232-4

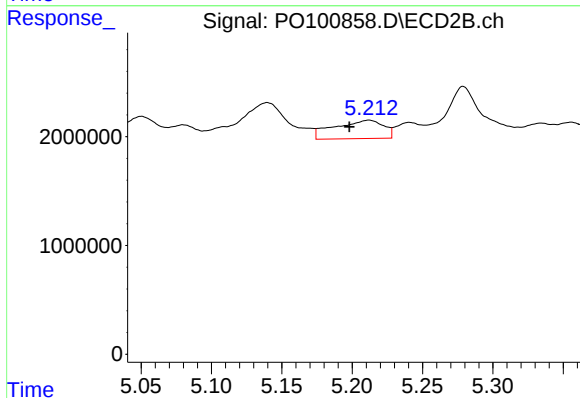
R.T.: 5.050 min
Delta R.T.: 0.026 min
Response: 5439715
Conc: 256.02 ng/ml



#15 AR-1232-5

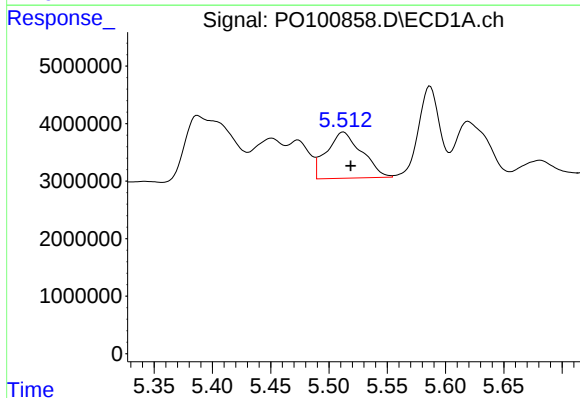
R.T.: 5.792 min
Delta R.T.: -0.001 min
Response: 3123021
Conc: 129.89 ng/ml

Instrument :
ECD_O
ClientSampleId :



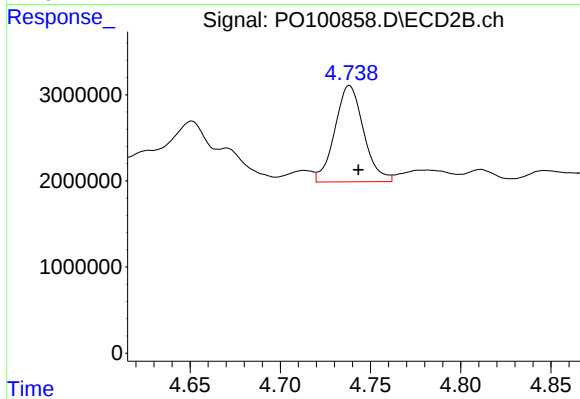
#15 AR-1232-5

R.T.: 5.212 min
Delta R.T.: 0.014 min
Response: 4108046
Conc: 187.98 ng/ml



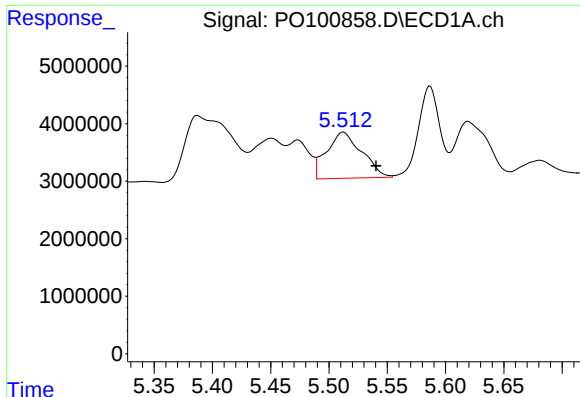
#16 AR-1242-1

R.T.: 5.512 min
Delta R.T.: -0.006 min
Response: 16873879
Conc: 239.24 ng/ml



#16 AR-1242-1

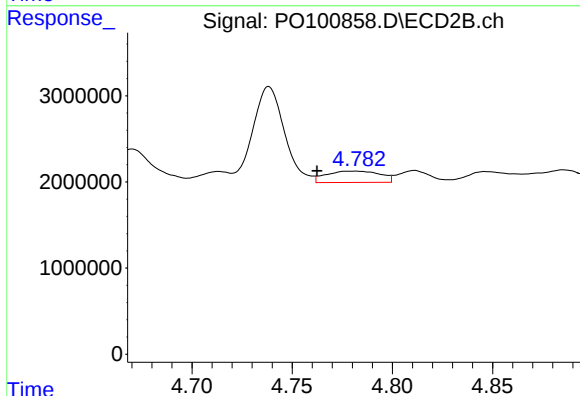
R.T.: 4.738 min
Delta R.T.: -0.005 min
Response: 12423180
Conc: 237.86 ng/ml



#17 AR-1242-2

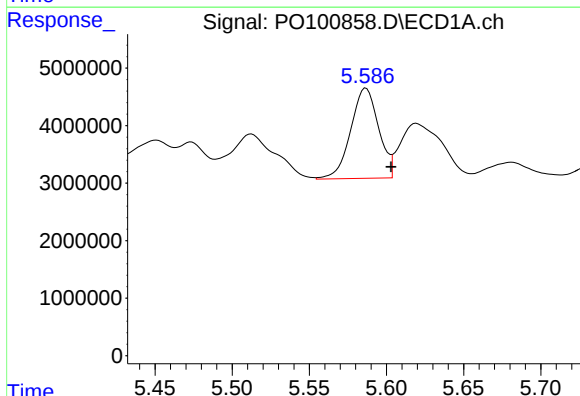
R.T.: 5.512 min
Delta R.T.: -0.028 min
Response: 16873879
Conc: 160.76 ng/ml

Instrument :
ECD_O
ClientSampleId :



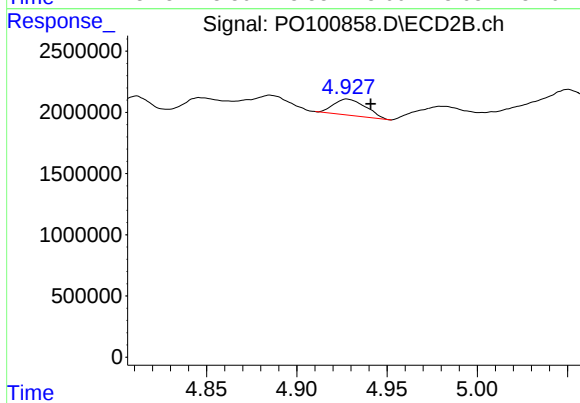
#17 AR-1242-2

R.T.: 4.781 min
Delta R.T.: 0.019 min
Response: 2470067
Conc: 34.08 ng/ml



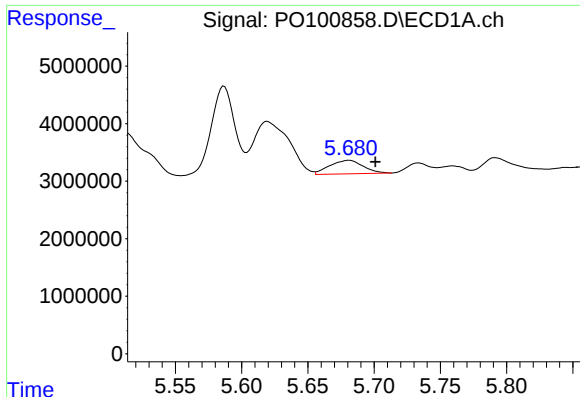
#18 AR-1242-3

R.T.: 5.587 min
Delta R.T.: -0.016 min
Response: 19784394
Conc: 304.35 ng/ml



#18 AR-1242-3

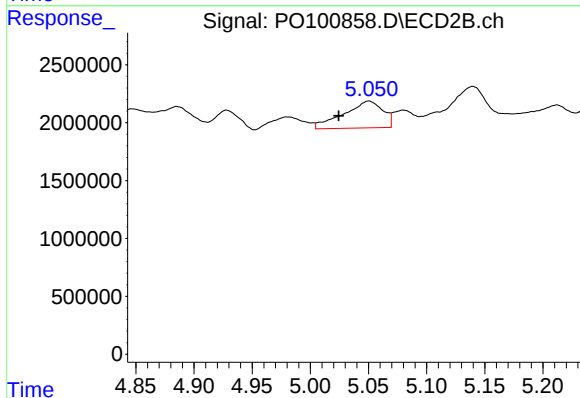
R.T.: 4.928 min
Delta R.T.: -0.013 min
Response: 1621850
Conc: 42.33 ng/ml



#19 AR-1242-4

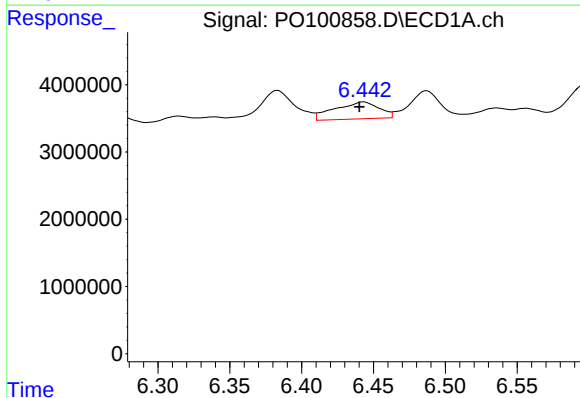
R.T.: 5.681 min
Delta R.T.: -0.020 min
Response: 4125112
Conc: 82.38 ng/ml

Instrument :
ECD_O
ClientSampleId :



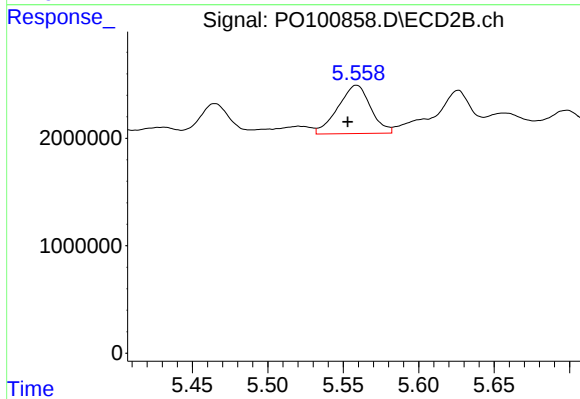
#19 AR-1242-4

R.T.: 5.050 min
Delta R.T.: 0.026 min
Response: 5439715
Conc: 130.51 ng/ml



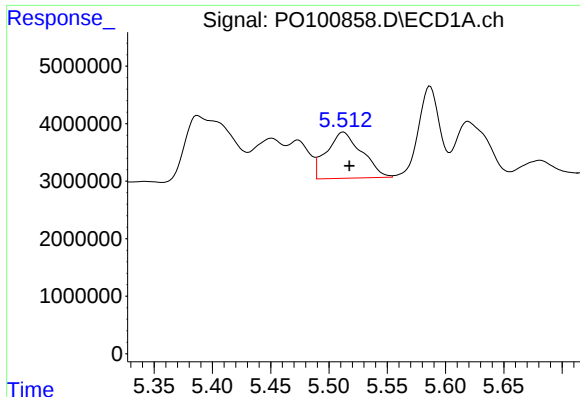
#20 AR-1242-5

R.T.: 6.443 min
Delta R.T.: 0.003 min
Response: 5417236
Conc: 104.67 ng/ml



#20 AR-1242-5

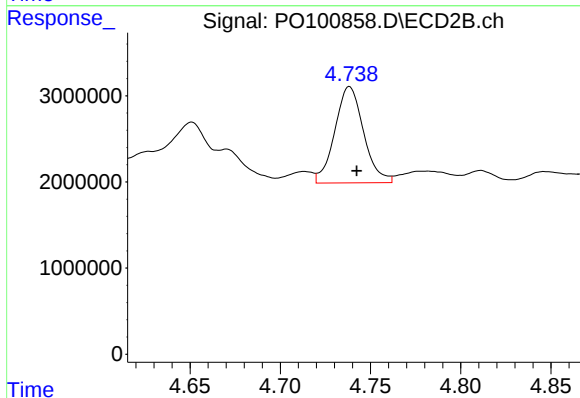
R.T.: 5.559 min
Delta R.T.: 0.006 min
Response: 6790286
Conc: 147.95 ng/ml



#21 AR-1248-1

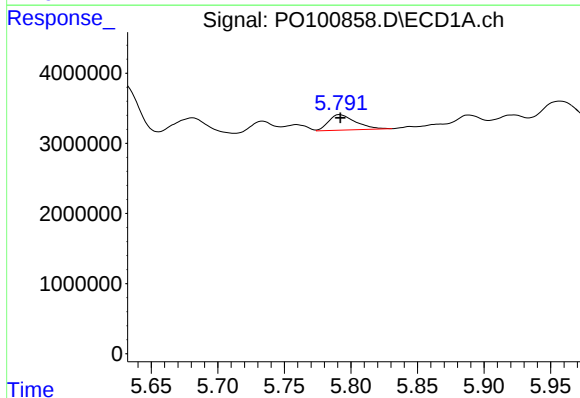
R.T.: 5.512 min
Delta R.T.: -0.005 min
Response: 16873879
Conc: 307.58 ng/ml

Instrument :
ECD_O
ClientSampleId :



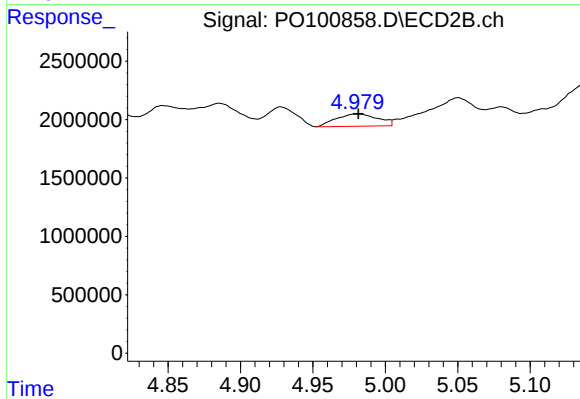
#21 AR-1248-1

R.T.: 4.738 min
Delta R.T.: -0.004 min
Response: 12423180
Conc: 310.67 ng/ml



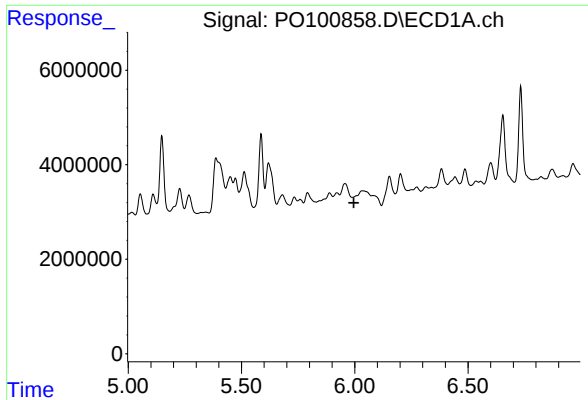
#22 AR-1248-2

R.T.: 5.792 min
Delta R.T.: 0.000 min
Response: 3123021
Conc: 36.16 ng/ml



#22 AR-1248-2

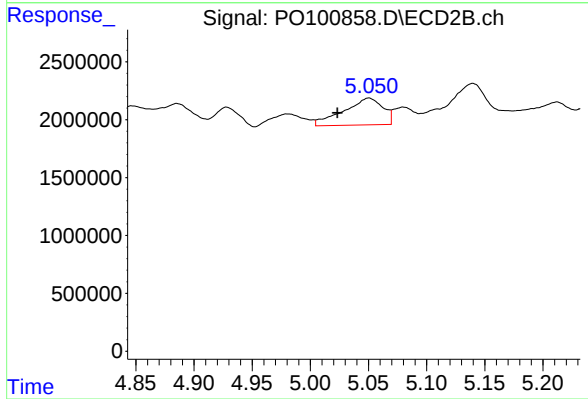
R.T.: 4.981 min
Delta R.T.: 0.000 min
Response: 2118021
Conc: 35.20 ng/ml



#23 AR-1248-3

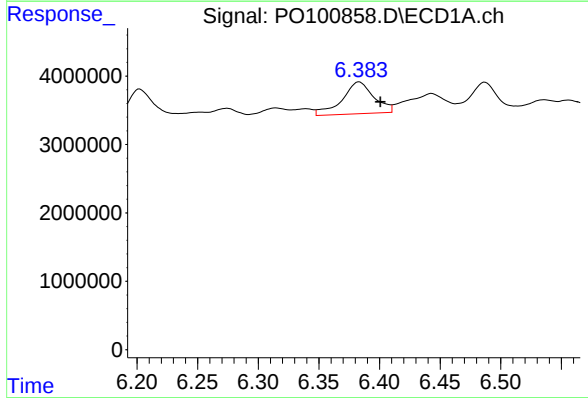
R.T.: 6.032 min
Delta R.T.: 0.036 min
Response: -1019997
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



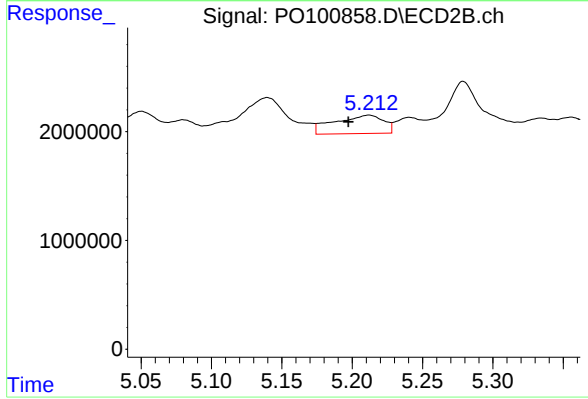
#23 AR-1248-3

R.T.: 5.050 min
Delta R.T.: 0.027 min
Response: 5439715
Conc: 87.02 ng/ml



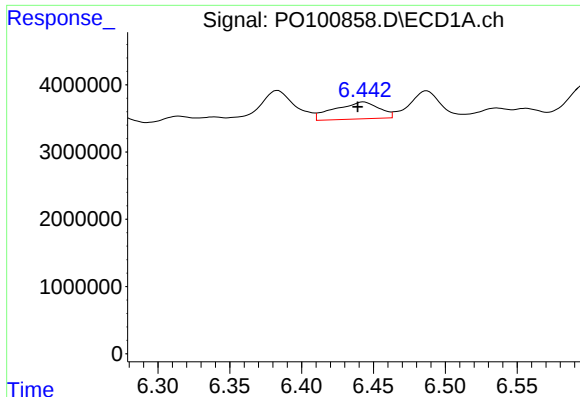
#24 AR-1248-4

R.T.: 6.383 min
Delta R.T.: -0.018 min
Response: 8466290
Conc: 94.17 ng/ml



#24 AR-1248-4

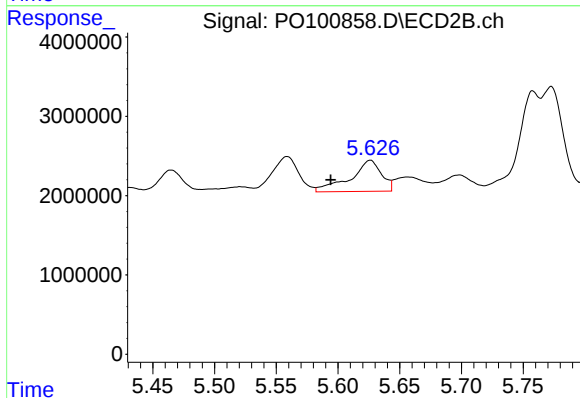
R.T.: 5.212 min
Delta R.T.: 0.015 min
Response: 4108046
Conc: 57.03 ng/ml



#25 AR-1248-5

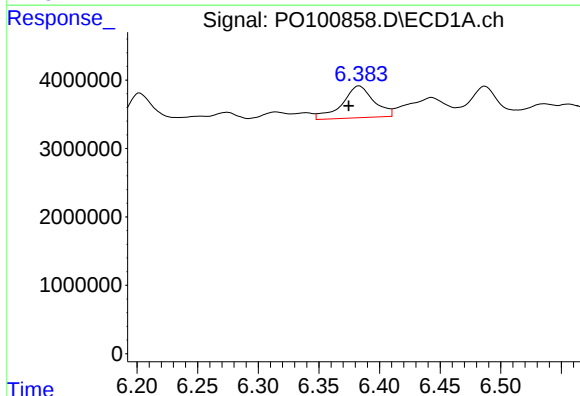
R.T.: 6.443 min
Delta R.T.: 0.004 min
Response: 5417236
Conc: 60.35 ng/ml

Instrument :
ECD_O
ClientSampleId :



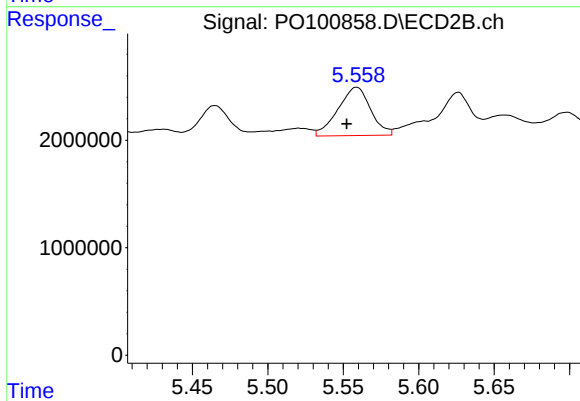
#25 AR-1248-5

R.T.: 5.626 min
Delta R.T.: 0.032 min
Response: 6830717
Conc: 110.72 ng/ml



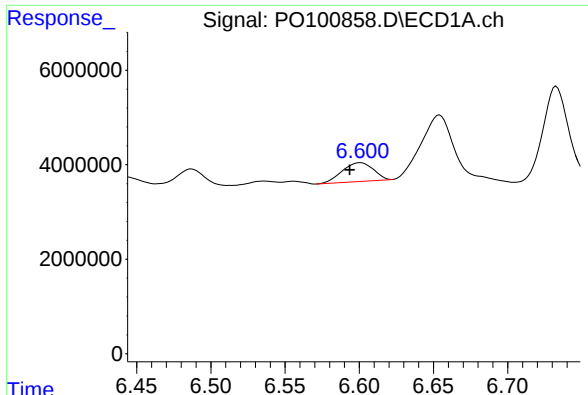
#26 AR-1254-1

R.T.: 6.383 min
Delta R.T.: 0.009 min
Response: 8466290
Conc: 80.54 ng/ml



#26 AR-1254-1

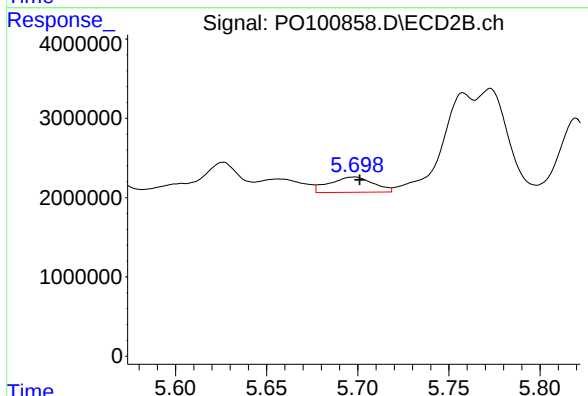
R.T.: 5.559 min
Delta R.T.: 0.006 min
Response: 6790286
Conc: 66.16 ng/ml



#27 AR-1254-2

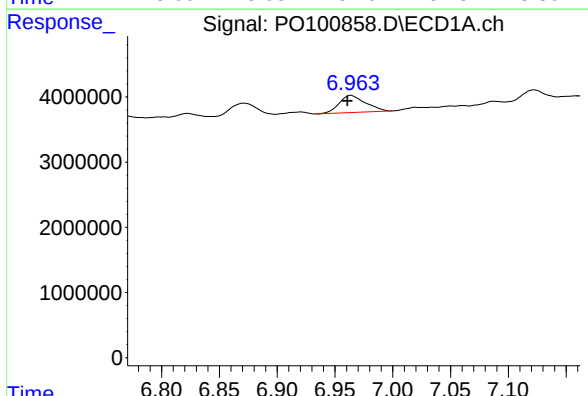
R.T.: 6.601 min
Delta R.T.: 0.007 min
Response: 5798661
Conc: 39.27 ng/ml

Instrument :
ECD_O
ClientSampleId :



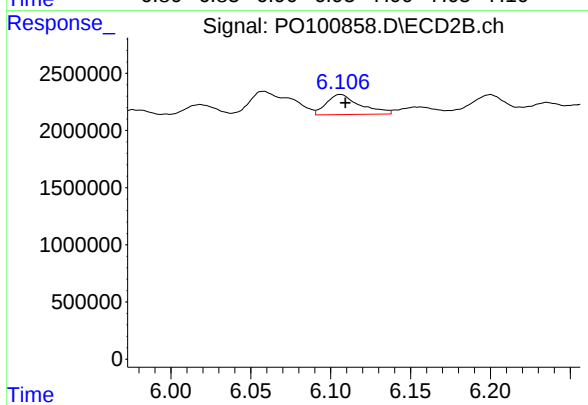
#27 AR-1254-2

R.T.: 5.698 min
Delta R.T.: -0.003 min
Response: 3226925
Conc: 35.12 ng/ml



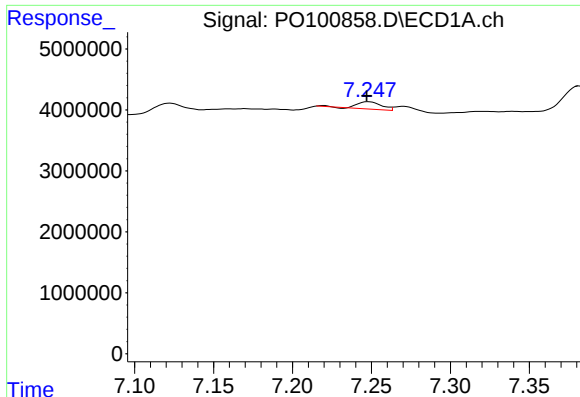
#28 AR-1254-3

R.T.: 6.964 min
Delta R.T.: 0.003 min
Response: 4157164
Conc: 29.69 ng/ml



#28 AR-1254-3

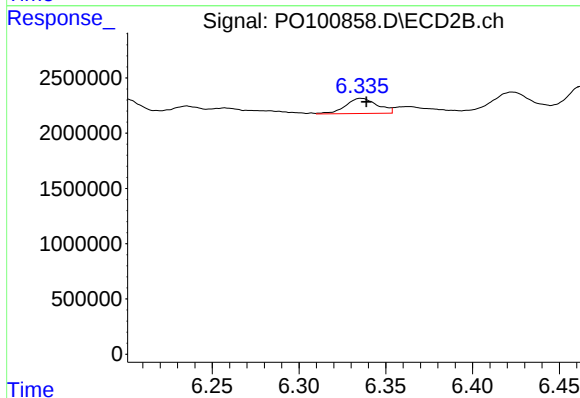
R.T.: 6.106 min
Delta R.T.: -0.003 min
Response: 2593877
Conc: 19.18 ng/ml



#29 AR-1254-4

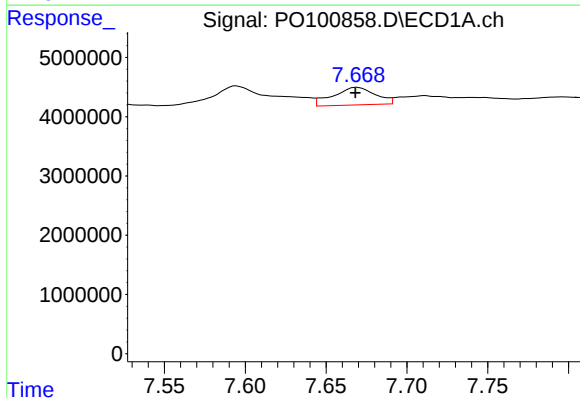
R.T.: 7.248 min
Delta R.T.: 0.001 min
Response: 1267386
Conc: 14.91 ng/ml

Instrument :
ECD_O
ClientSampleId :



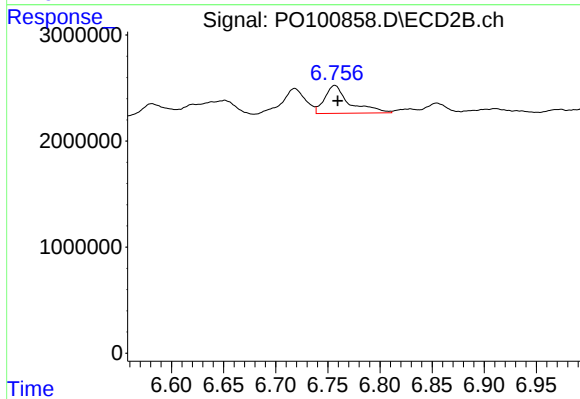
#29 AR-1254-4

R.T.: 6.336 min
Delta R.T.: -0.003 min
Response: 1750908
Conc: 24.27 ng/ml



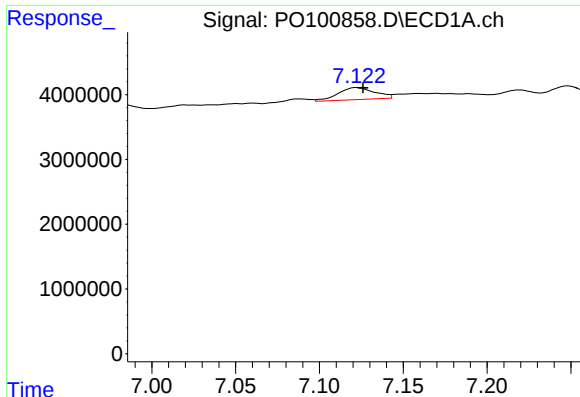
#30 AR-1254-5

R.T.: 7.669 min
Delta R.T.: 0.000 min
Response: 5413207
Conc: 45.75 ng/ml



#30 AR-1254-5

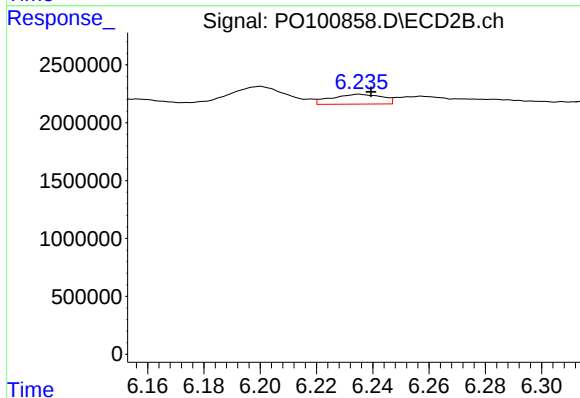
R.T.: 6.757 min
Delta R.T.: -0.003 min
Response: 4368383
Conc: 37.91 ng/ml



#31 AR-1260-1

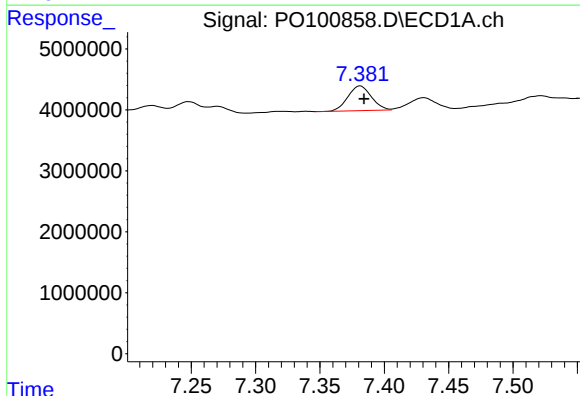
R.T.: 7.123 min
Delta R.T.: -0.003 min
Response: 2831106
Conc: 20.67 ng/ml

Instrument :
ECD_O
ClientSampleId :



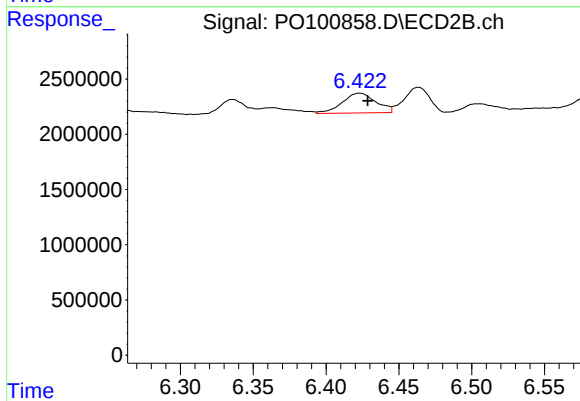
#31 AR-1260-1

R.T.: 6.235 min
Delta R.T.: -0.004 min
Response: 1066841
Conc: 11.20 ng/ml



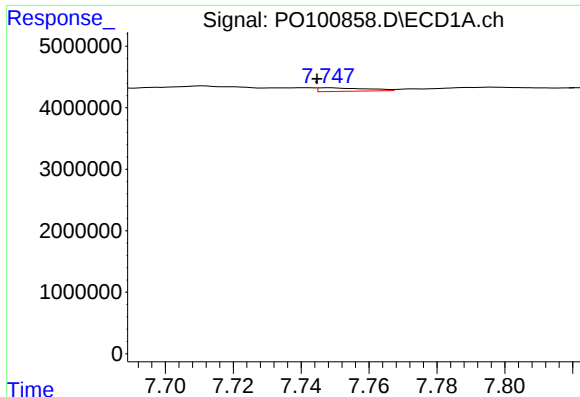
#32 AR-1260-2

R.T.: 7.381 min
Delta R.T.: -0.003 min
Response: 5135675
Conc: 40.83 ng/ml



#32 AR-1260-2

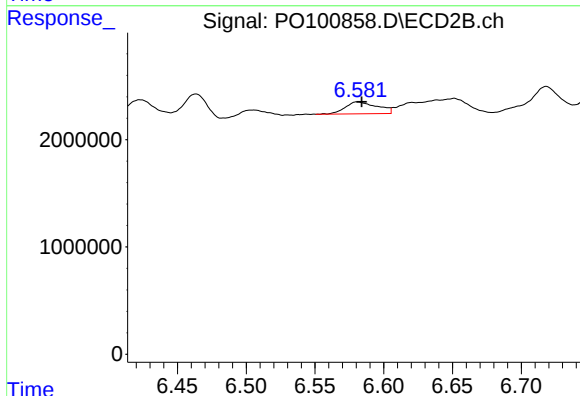
R.T.: 6.423 min
Delta R.T.: -0.006 min
Response: 2902345
Conc: 27.00 ng/ml



#33 AR-1260-3

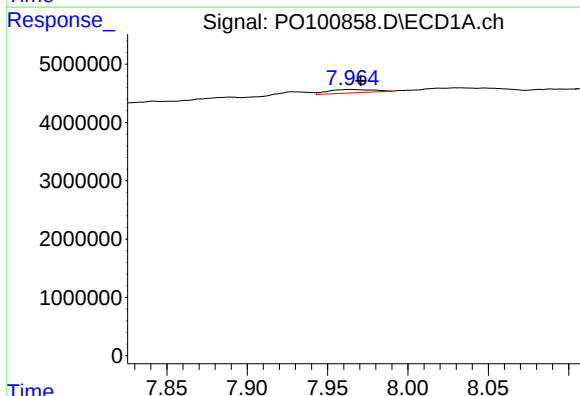
R.T.: 7.748 min
Delta R.T.: 0.003 min
Response: 561118
Conc: 5.79 ng/ml

Instrument :
ECD_O
ClientSampleId :



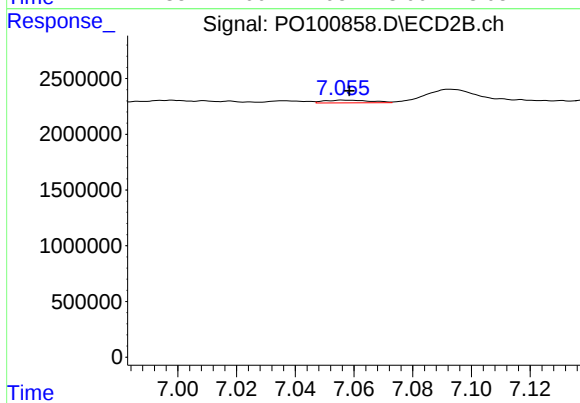
#33 AR-1260-3

R.T.: 6.581 min
Delta R.T.: -0.003 min
Response: 1806213
Conc: 17.62 ng/ml



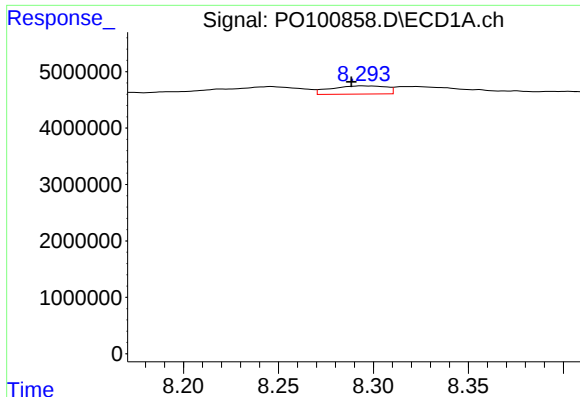
#34 AR-1260-4

R.T.: 7.964 min
Delta R.T.: -0.006 min
Response: 1147952
Conc: 10.88 ng/ml



#34 AR-1260-4

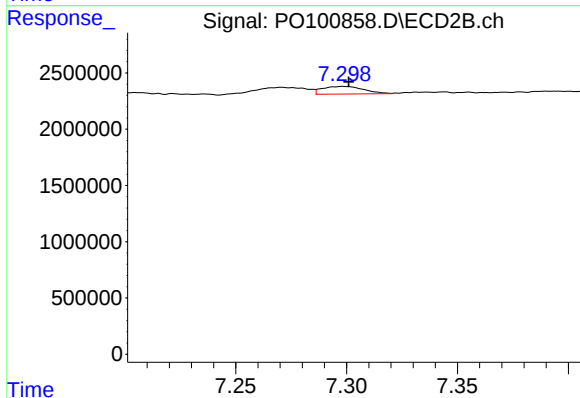
R.T.: 7.057 min
Delta R.T.: -0.002 min
Response: 265534
Conc: 3.26 ng/ml



#35 AR-1260-5

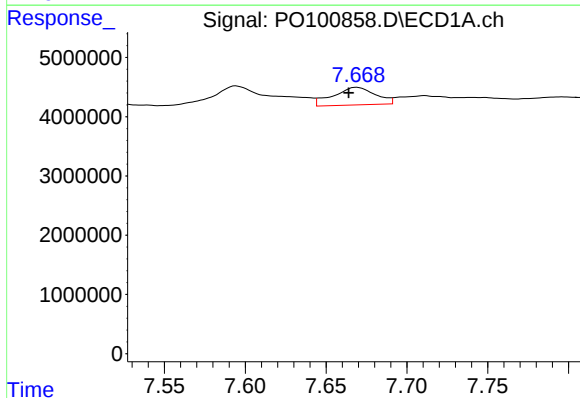
R.T.: 8.294 min
Delta R.T.: 0.006 min
Response: 2949657
Conc: 13.97 ng/ml

Instrument :
ECD_O
ClientSampleId :



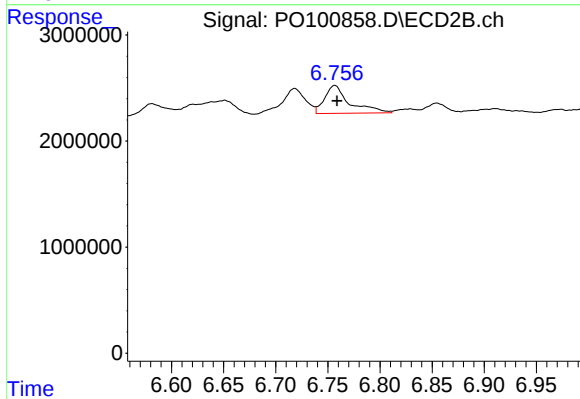
#35 AR-1260-5

R.T.: 7.299 min
Delta R.T.: -0.002 min
Response: 870361
Conc: 4.82 ng/ml



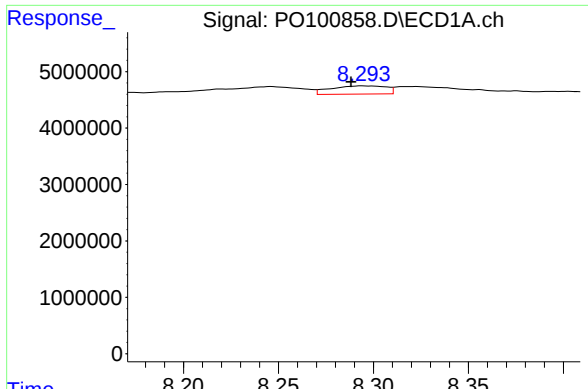
#36 AR-1262-1

R.T.: 7.669 min
Delta R.T.: 0.005 min
Response: 5413207
Conc: 54.19 ng/ml



#36 AR-1262-1

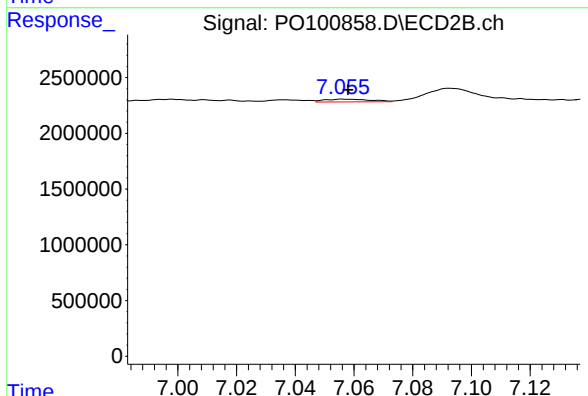
R.T.: 6.757 min
Delta R.T.: -0.002 min
Response: 4368383
Conc: 70.03 ng/ml



#37 AR-1262-2

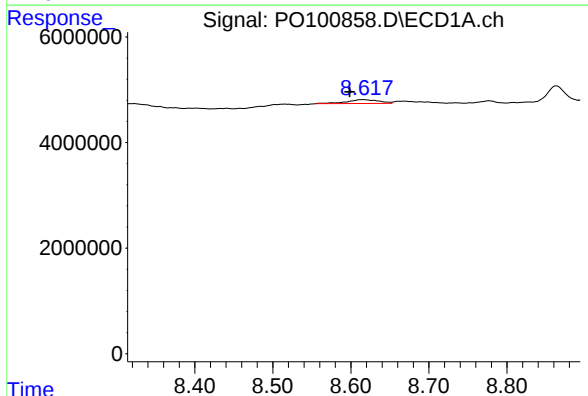
R.T.: 8.294 min
Delta R.T.: 0.006 min
Response: 2949657
Conc: 12.43 ng/ml

Instrument :
ECD_O
ClientSampleId :



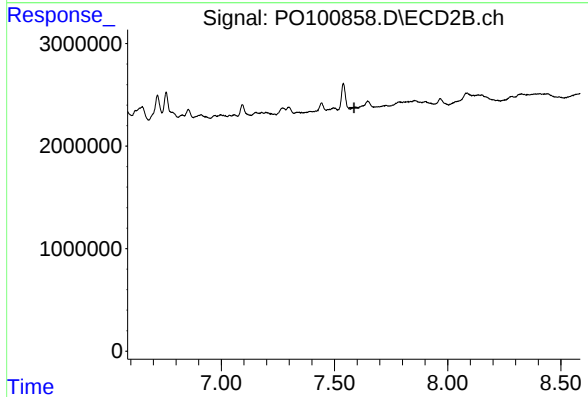
#37 AR-1262-2

R.T.: 7.057 min
Delta R.T.: -0.001 min
Response: 265534
Conc: 2.35 ng/ml



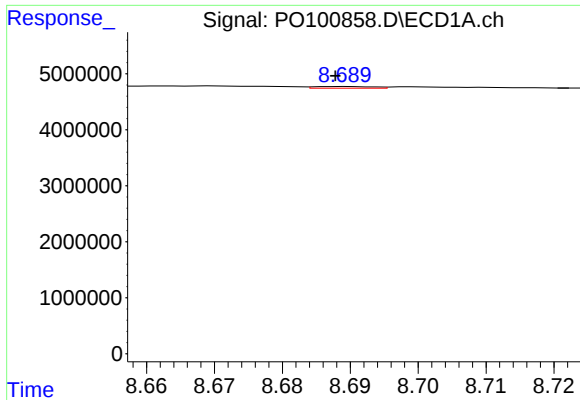
#38 AR-1262-3

R.T.: 8.616 min
Delta R.T.: 0.018 min
Response: 2091236
Conc: 12.88 ng/ml



#38 AR-1262-3

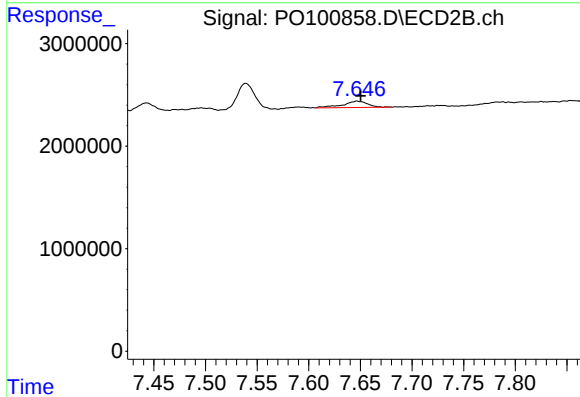
R.T.: 7.590 min
Delta R.T.: 0.004 min
Response: -159012
Conc: N.D.



#39 AR-1262-4

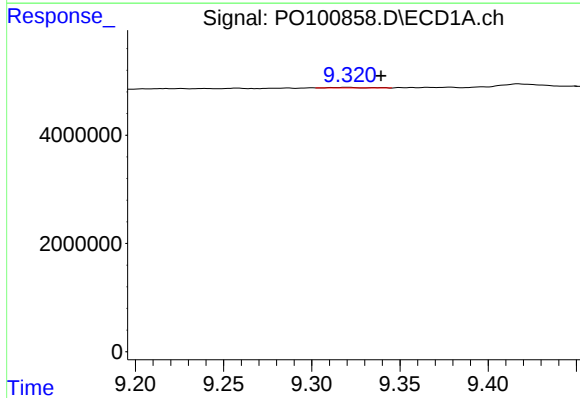
R.T.: 8.689 min
Delta R.T.: 0.001 min
Response: 184863
Conc: 1.43 ng/ml

Instrument :
ECD_O
ClientSampleId :



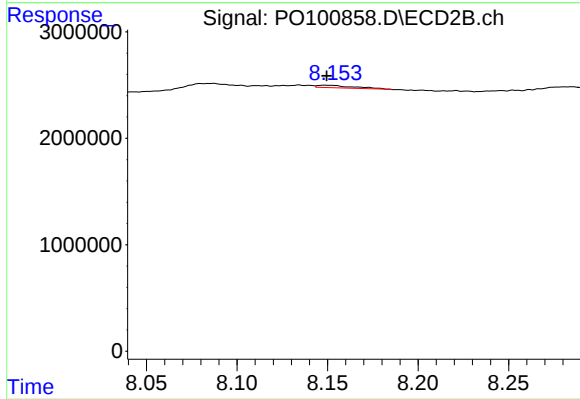
#39 AR-1262-4

R.T.: 7.647 min
Delta R.T.: -0.004 min
Response: 1023839
Conc: 6.93 ng/ml



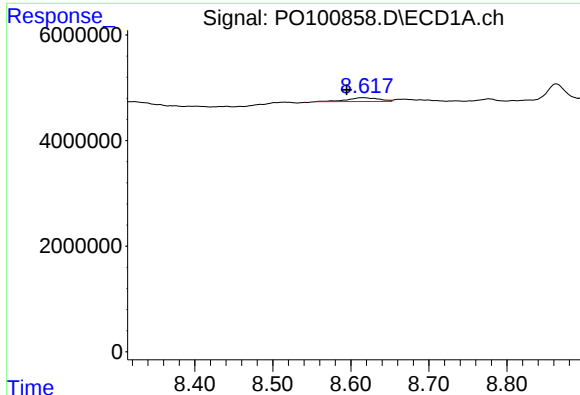
#40 AR-1262-5

R.T.: 9.320 min
Delta R.T.: -0.019 min
Response: 122914
Conc: 1.54 ng/ml



#40 AR-1262-5

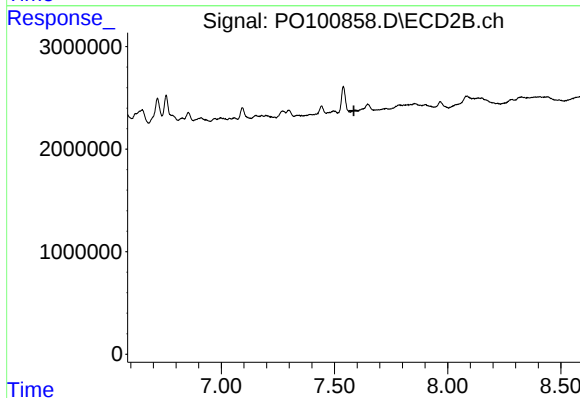
R.T.: 8.149 min
Delta R.T.: 0.000 min
Response: 315371
Conc: 4.93 ng/ml



#41 AR-1268-1

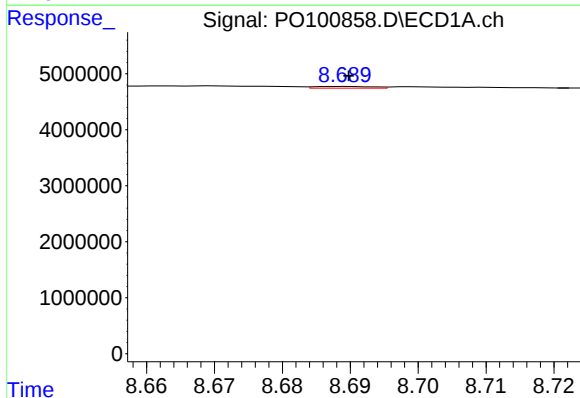
R.T.: 8.616 min
Delta R.T.: 0.022 min
Response: 2091236
Conc: 7.40 ng/ml

Instrument :
ECD_O
ClientSampleId :



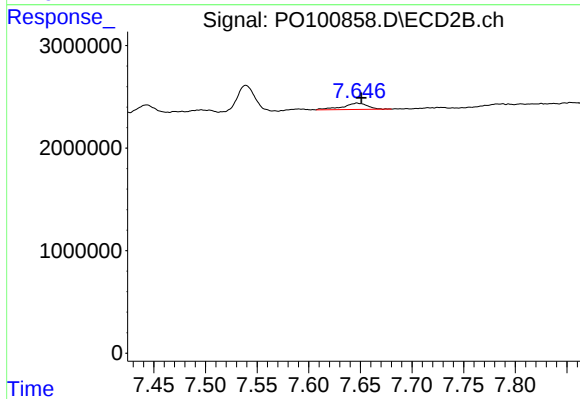
#41 AR-1268-1

R.T.: 7.590 min
Delta R.T.: 0.004 min
Response: -159012
Conc: N.D.



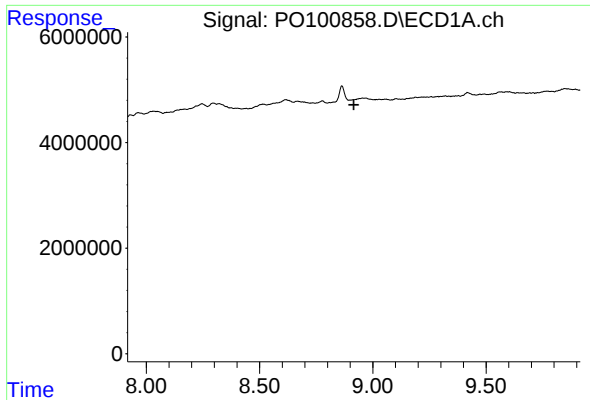
#42 AR-1268-2

R.T.: 8.689 min
Delta R.T.: 0.000 min
Response: 184863
Conc: 0.73 ng/ml



#42 AR-1268-2

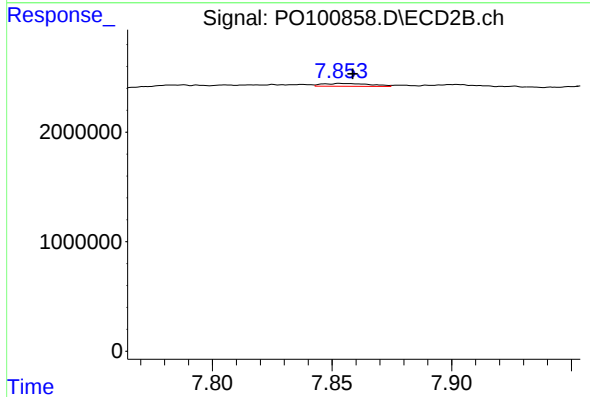
R.T.: 7.647 min
Delta R.T.: -0.004 min
Response: 1023839
Conc: 5.06 ng/ml



#43 AR-1268-3

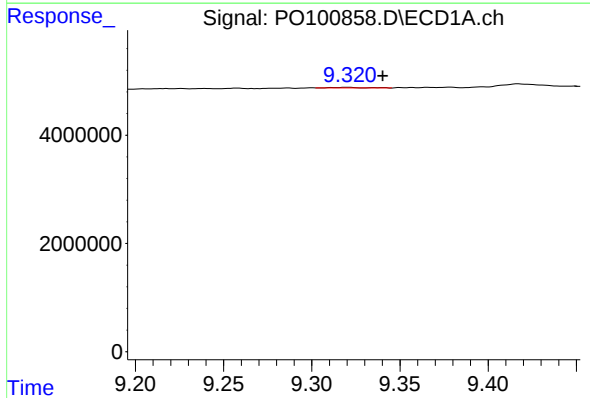
R.T.: 8.941 min
Delta R.T.: 0.024 min
Response: -1527856
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



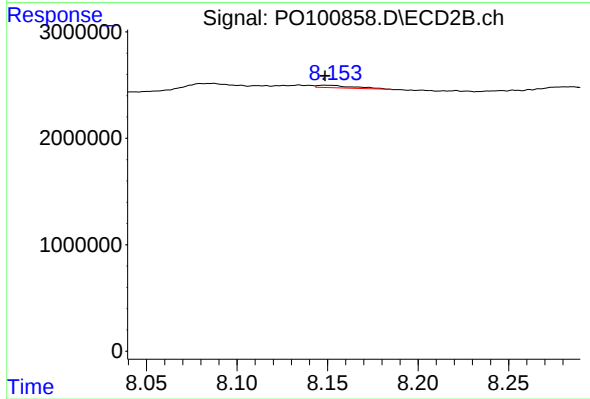
#43 AR-1268-3

R.T.: 7.854 min
Delta R.T.: -0.005 min
Response: 353613
Conc: 1.87 ng/ml



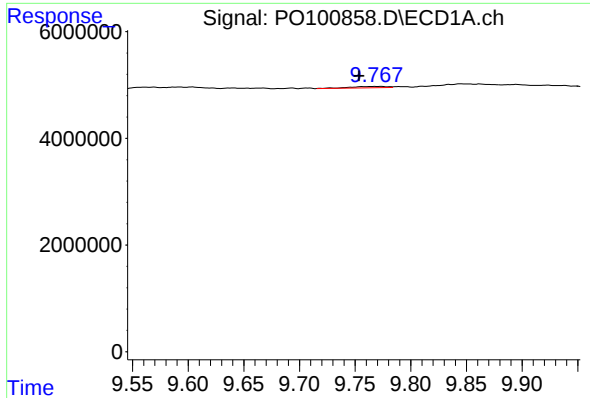
#44 AR-1268-4

R.T.: 9.320 min
Delta R.T.: -0.020 min
Response: 122914
Conc: 1.57 ng/ml



#44 AR-1268-4

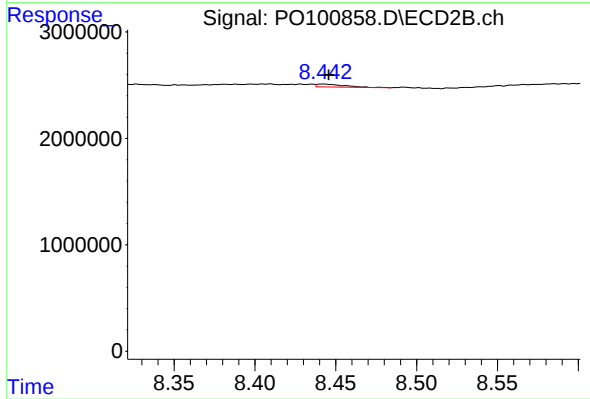
R.T.: 8.149 min
Delta R.T.: 0.000 min
Response: 315371
Conc: 4.70 ng/ml



#45 AR-1268-5

R.T.: 9.771 min
Delta R.T.: 0.017 min
Response: 578266
Conc: 0.81 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.442 min
Delta R.T.: -0.003 min
Response: 300554
Conc: 0.58 ng/ml