

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO112423\
 Data File : PO100056.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Nov 2023 19:46
 Operator : YP/AJ
 Sample : 05525-03
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 25 00:06:30 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO112123.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Nov 21 15:58:40 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...	4.480	3.705	30025103	20968790	17.591	13.980
2)	SA Decachlor...	10.359	8.801	14054672	18831724	19.350	16.829
Target Compounds							
3)	L1 AR-1016-1	5.699	4.821	25712292	1996815	597.594	63.238 #
4)	L1 AR-1016-2	5.699	4.821	25712292	1996815	397.149	46.182 #
5)	L1 AR-1016-3	5.757	5.010	19011124	-1052197	436.175	N.D. #
6)	L1 AR-1016-4	5.874	5.060	7058267	4388535	213.826	214.063
7)	L1 AR-1016-5	6.181	5.265	1831241	79463	58.323	3.116 #
8)	L2 AR-1221-1	4.691	3.923	6342812	192531	307.675	10.128 #
9)	L2 AR-1221-2	4.785	4.023	1445902	6219184	95.728	477.248 #
10)	L2 AR-1221-3	4.862	4.087	11161971	225159	248.738	6.268 #
11)	L3 AR-1232-1	4.862	4.087	11161971	225159	312.829	7.673 #
12)	L3 AR-1232-2	5.413	4.821	2674861	1996815	153.687	100.691 #
13)	L3 AR-1232-3	5.699	5.010	25712292	-1052197	907.373	N.D. #
14)	L3 AR-1232-4	5.874	5.060	7058267	4388535	508.092	441.509
15)	L3 AR-1232-5	5.926	5.265	9859247	79463	803.379	7.358 #
16)	L4 AR-1242-1	5.699	4.821	25712292	1996815	742.207	75.979 #
17)	L4 AR-1242-2	5.699	4.821	25712292	1996815	489.983	56.788 #
18)	L4 AR-1242-3	5.757	5.010	19011124	-1052197	546.232	N.D. #
19)	L4 AR-1242-4	5.874	5.060	7058267	4388535	268.473	217.879
20)	L4 AR-1242-5	6.575	5.614	2216835	7388065	99.148	316.191 #
21)	L5 AR-1248-1	5.699	4.821	25712292	1996815	994.572	99.882 #
22)	L5 AR-1248-2	5.926	5.060	9859247	4388535	241.076	156.841 #
23)	L5 AR-1248-3	6.181	5.060	1831241	4388535	42.753	151.968 #
24)	L5 AR-1248-4	6.544	5.265	1643365	79463	43.601	2.423 #
25)	L5 AR-1248-5	6.575	5.669	2216835	36293720	60.023	1214.988 #
26)	L6 AR-1254-1	6.544	5.614	1643365	7388065	34.128	142.525 #
27)	L6 AR-1254-2	6.758	5.768	7168711	9756299	104.530	209.508 #
28)	L6 AR-1254-3	7.107	6.215	4978659	25739808	78.149	330.037 #
29)	L6 AR-1254-4	7.441	6.407	9150659	4259569	242.056	99.810 #
30)	L6 AR-1254-5	7.825	6.870	339194	10763780	7.925	148.747 #
31)	L7 AR-1260-1	7.278	6.338	1071238	7662462	20.119	132.605 #
32)	L7 AR-1260-2	7.568	6.489	64729212	1100818	1223.679	16.574 #
33)	L7 AR-1260-3	7.903	6.674	797502	70787	22.358	1.106 #
34)	L7 AR-1260-4	8.157	7.151	1764120	7124270	42.624	141.280 #
35)	L7 AR-1260-5	8.470	7.359	1487240	24605878	22.264	219.494 #
36)	L8 AR-1262-1	7.825	6.870	339194	10763780	9.377	281.619 #
37)	L8 AR-1262-2	8.470	7.151	1487240	7124270	17.516	94.449 #
38)	L8 AR-1262-3	8.796	7.646	55880	115965	0.928	1.991 #
39)	L8 AR-1262-4	8.882	7.709	1043627	4452713	21.647	43.322 #
40)	L8 AR-1262-5	9.566	8.240	154745	2984141	5.927	68.486 #
41)	L9 AR-1268-1	8.796	7.646	55880	115965	0.506	0.698 #

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 Operator : YP/AJ
 Sample : 05525-03
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 ALS Vial : 22 Sample Multiplier: 1

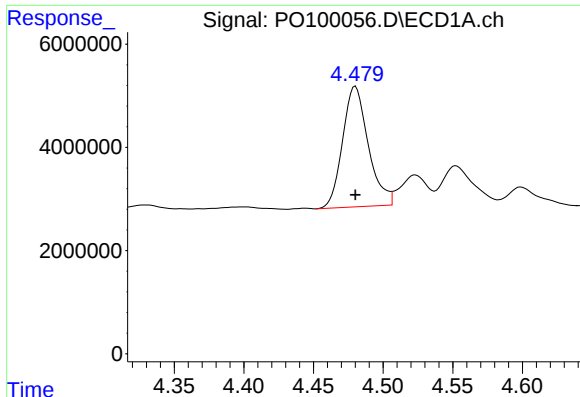
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 25 00:06:30 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO112123.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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.882	7.709	1043627	4452713	10.841	29.171 #
44) L9	AR-1268-4	9.566	8.240	154745	2984141	5.442	63.512 #
45) L9	AR-1268-5	10.011	8.528	1575042	591206	6.261	1.485 #

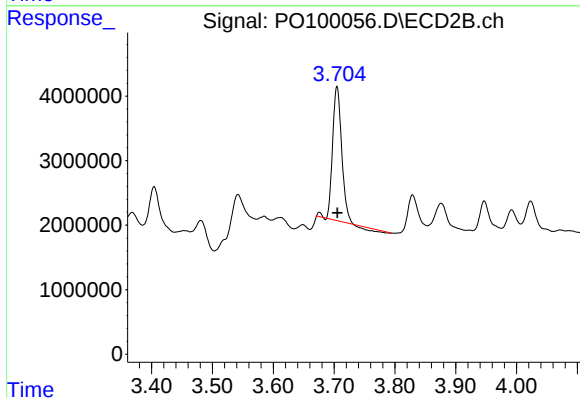
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

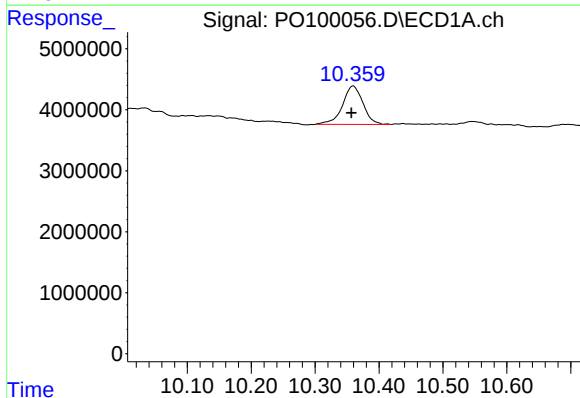
R.T.: 4.480 min
Delta R.T.: 0.000 min
Response: 30025103
Conc: 17.59 ng/ml

Instrument :
ECD_O
ClientSampleId :



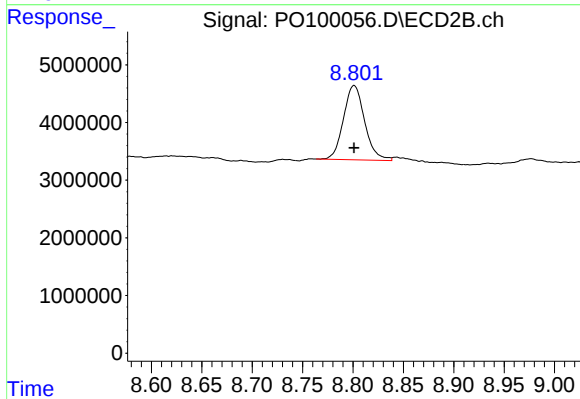
#1 Tetrachloro-m-xylene

R.T.: 3.705 min
Delta R.T.: 0.000 min
Response: 20968790
Conc: 13.98 ng/ml



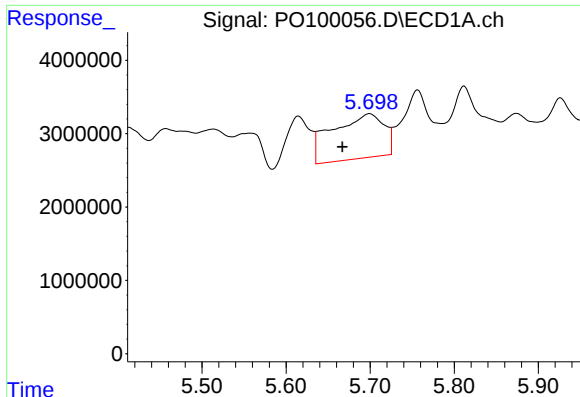
#2 Decachlorobiphenyl

R.T.: 10.359 min
Delta R.T.: 0.002 min
Response: 14054672
Conc: 19.35 ng/ml



#2 Decachlorobiphenyl

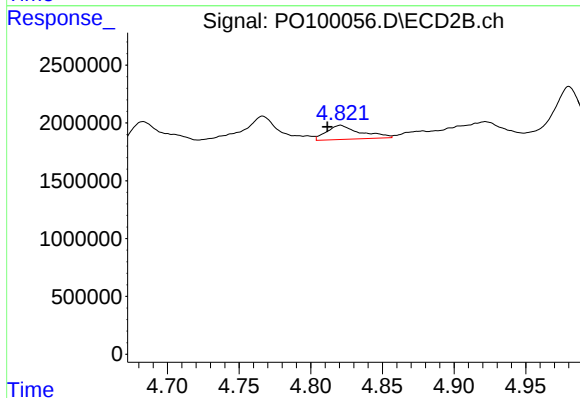
R.T.: 8.801 min
Delta R.T.: 0.000 min
Response: 18831724
Conc: 16.83 ng/ml



#3 AR-1016-1

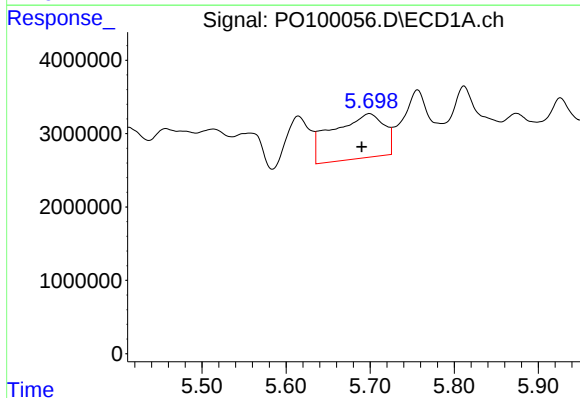
R.T.: 5.699 min
Delta R.T.: 0.032 min
Response: 25712292
Conc: 597.59 ng/ml

Instrument :
ECD_O
ClientSampleId :



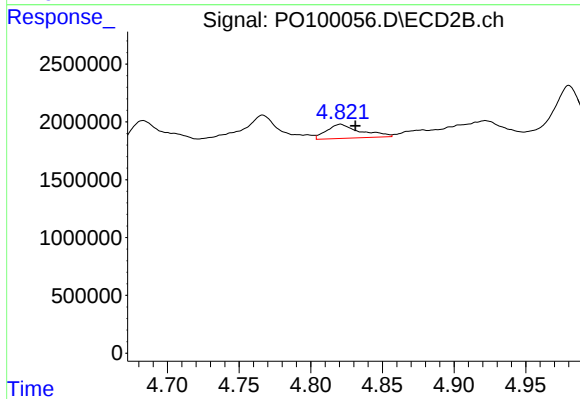
#3 AR-1016-1

R.T.: 4.821 min
Delta R.T.: 0.009 min
Response: 1996815
Conc: 63.24 ng/ml



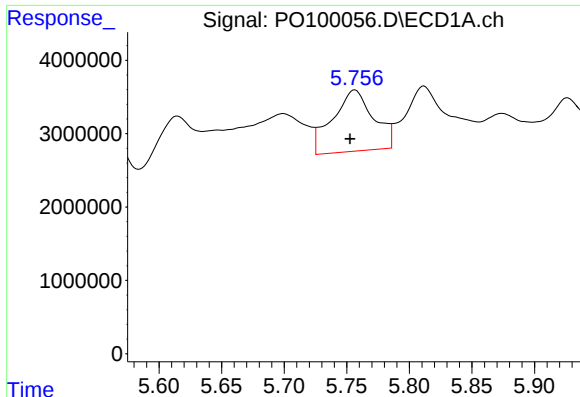
#4 AR-1016-2

R.T.: 5.699 min
Delta R.T.: 0.009 min
Response: 25712292
Conc: 397.15 ng/ml



#4 AR-1016-2

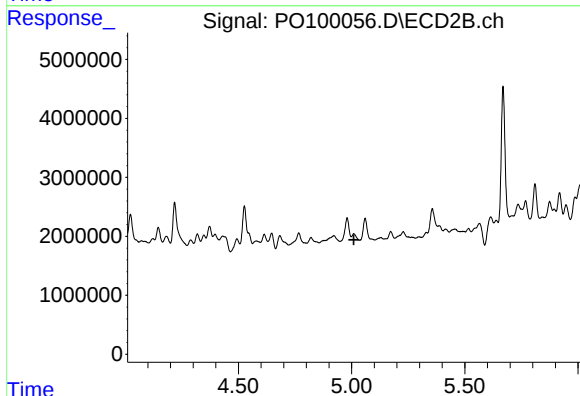
R.T.: 4.821 min
Delta R.T.: -0.011 min
Response: 1996815
Conc: 46.18 ng/ml



#5 AR-1016-3

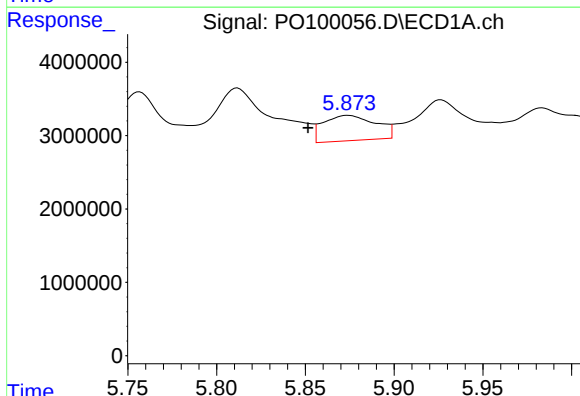
R.T.: 5.757 min
Delta R.T.: 0.004 min
Response: 19011124
Conc: 436.17 ng/ml

Instrument :
ECD_O
ClientSampleId :



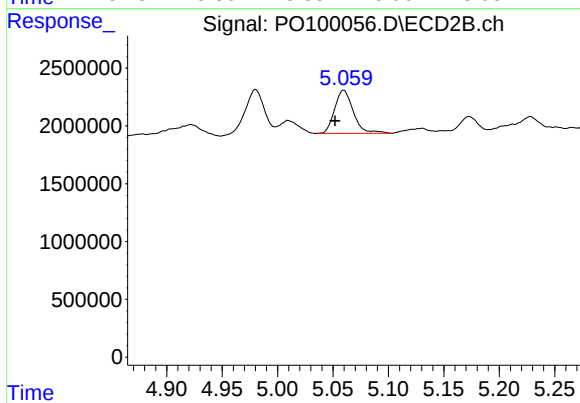
#5 AR-1016-3

R.T.: 5.010 min
Delta R.T.: 0.000 min
Response: -1052197
Conc: N.D.



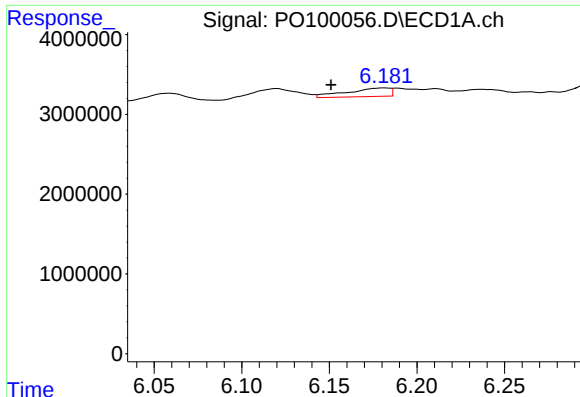
#6 AR-1016-4

R.T.: 5.874 min
Delta R.T.: 0.023 min
Response: 7058267
Conc: 213.83 ng/ml



#6 AR-1016-4

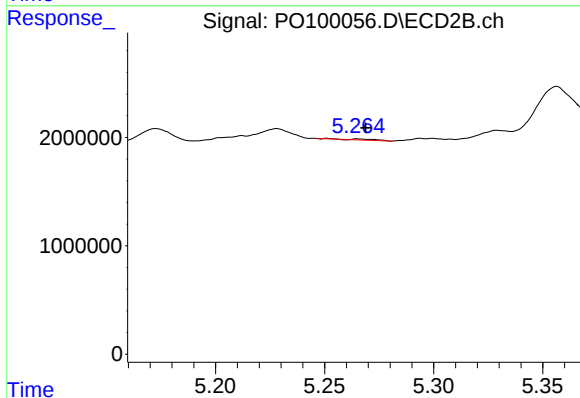
R.T.: 5.060 min
Delta R.T.: 0.008 min
Response: 4388535
Conc: 214.06 ng/ml



#7 AR-1016-5

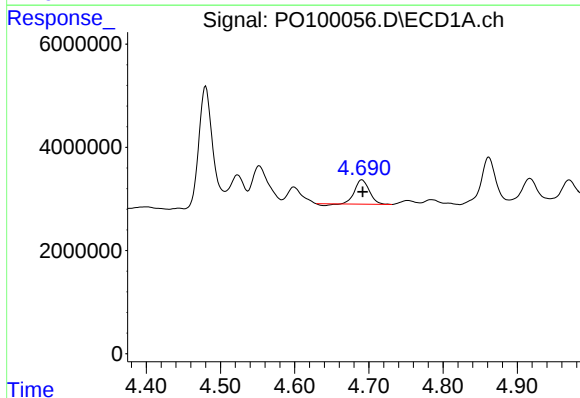
R.T.: 6.181 min
Delta R.T.: 0.030 min
Response: 1831241
Conc: 58.32 ng/ml

Instrument :
ECD_O
ClientSampleId :



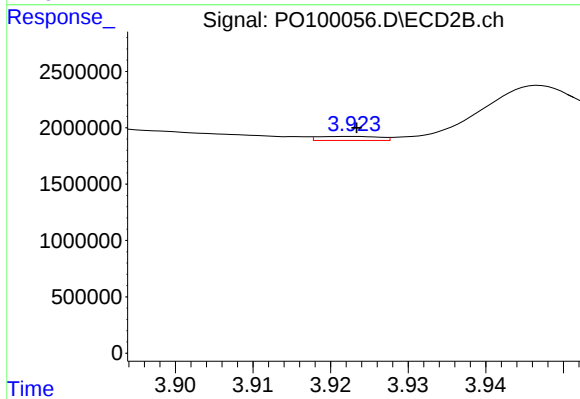
#7 AR-1016-5

R.T.: 5.265 min
Delta R.T.: -0.004 min
Response: 79463
Conc: 3.12 ng/ml



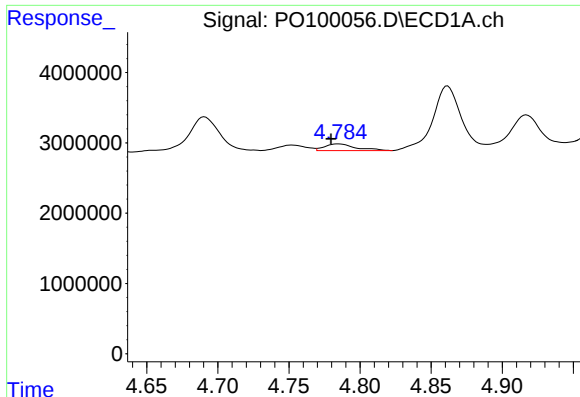
#8 AR-1221-1

R.T.: 4.691 min
Delta R.T.: -0.001 min
Response: 6342812
Conc: 307.68 ng/ml



#8 AR-1221-1

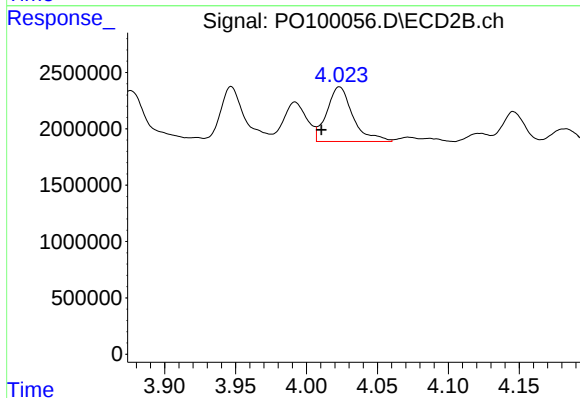
R.T.: 3.923 min
Delta R.T.: 0.000 min
Response: 192531
Conc: 10.13 ng/ml



#9 AR-1221-2

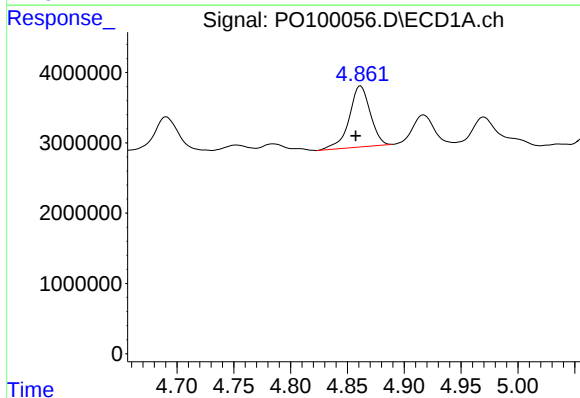
R.T.: 4.785 min
Delta R.T.: 0.005 min
Response: 1445902
Conc: 95.73 ng/ml

Instrument :
ECD_O
ClientSampleId :



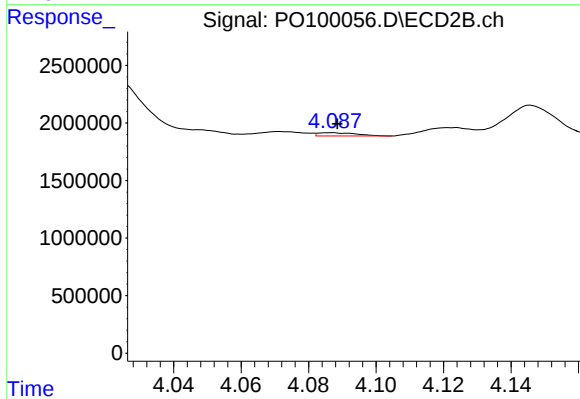
#9 AR-1221-2

R.T.: 4.023 min
Delta R.T.: 0.013 min
Response: 6219184
Conc: 477.25 ng/ml



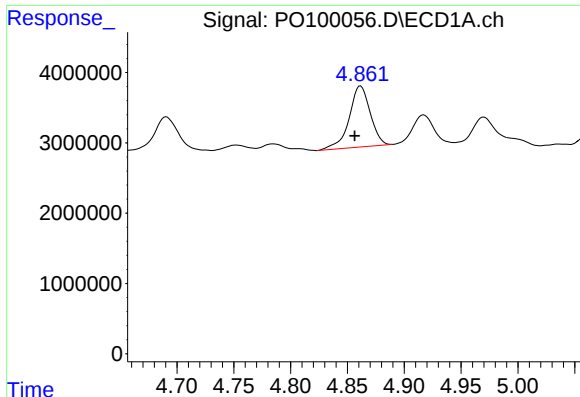
#10 AR-1221-3

R.T.: 4.862 min
Delta R.T.: 0.004 min
Response: 11161971
Conc: 248.74 ng/ml



#10 AR-1221-3

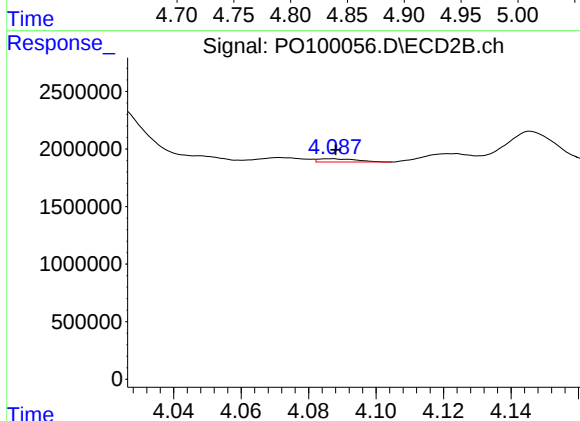
R.T.: 4.087 min
Delta R.T.: -0.002 min
Response: 225159
Conc: 6.27 ng/ml



#11 AR-1232-1

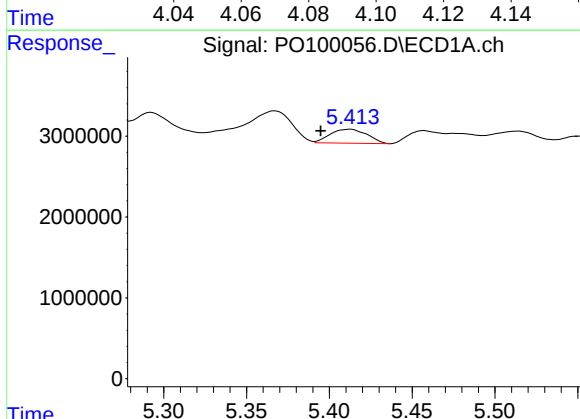
R.T.: 4.862 min
Delta R.T.: 0.005 min
Response: 11161971
Conc: 312.83 ng/ml

Instrument :
ECD_O
ClientSampleId :



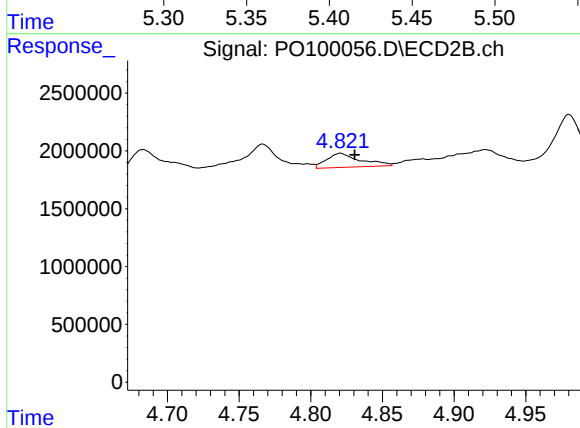
#11 AR-1232-1

R.T.: 4.087 min
Delta R.T.: -0.002 min
Response: 225159
Conc: 7.67 ng/ml



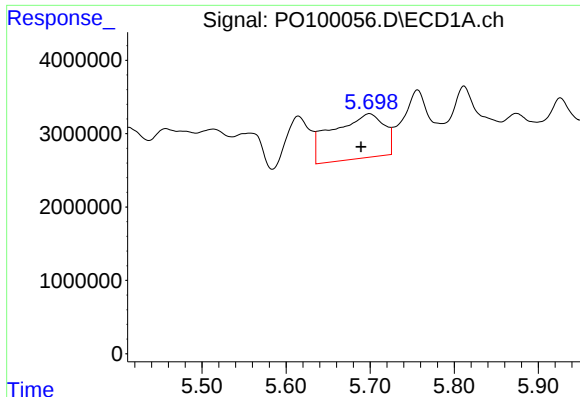
#12 AR-1232-2

R.T.: 5.413 min
Delta R.T.: 0.018 min
Response: 2674861
Conc: 153.69 ng/ml



#12 AR-1232-2

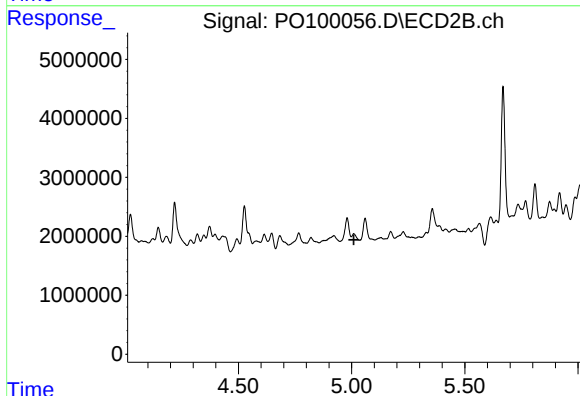
R.T.: 4.821 min
Delta R.T.: -0.010 min
Response: 1996815
Conc: 100.69 ng/ml



#13 AR-1232-3

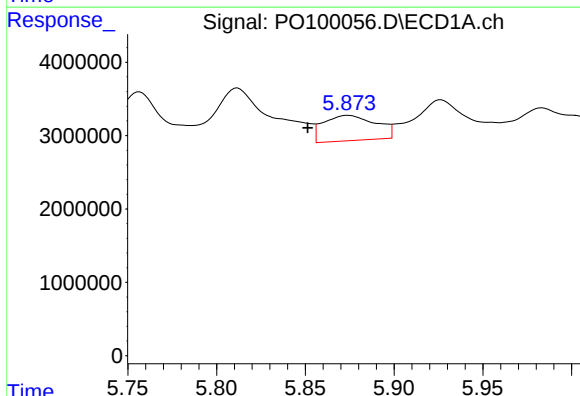
R.T.: 5.699 min
Delta R.T.: 0.010 min
Response: 25712292
Conc: 907.37 ng/ml

Instrument :
ECD_O
ClientSampleId :



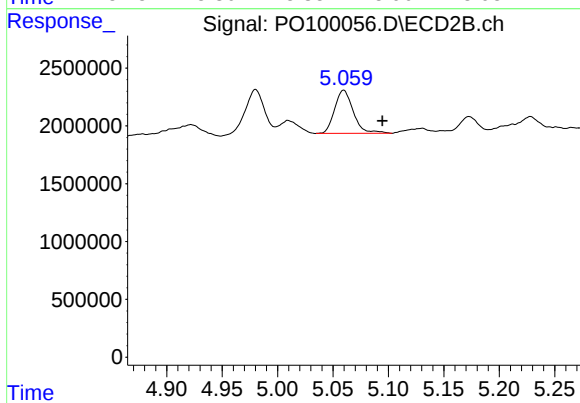
#13 AR-1232-3

R.T.: 5.010 min
Delta R.T.: 0.000 min
Response: -1052197
Conc: N.D.



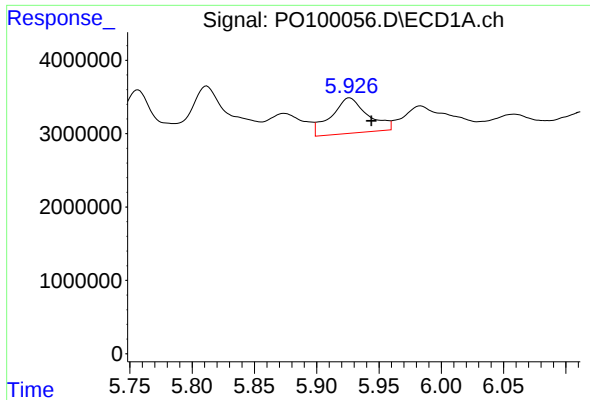
#14 AR-1232-4

R.T.: 5.874 min
Delta R.T.: 0.023 min
Response: 7058267
Conc: 508.09 ng/ml



#14 AR-1232-4

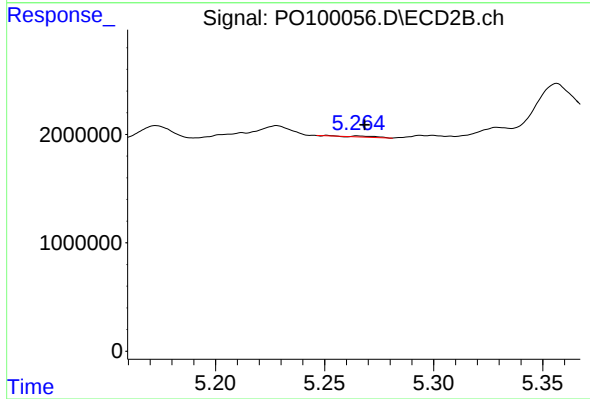
R.T.: 5.060 min
Delta R.T.: -0.035 min
Response: 4388535
Conc: 441.51 ng/ml



#15 AR-1232-5

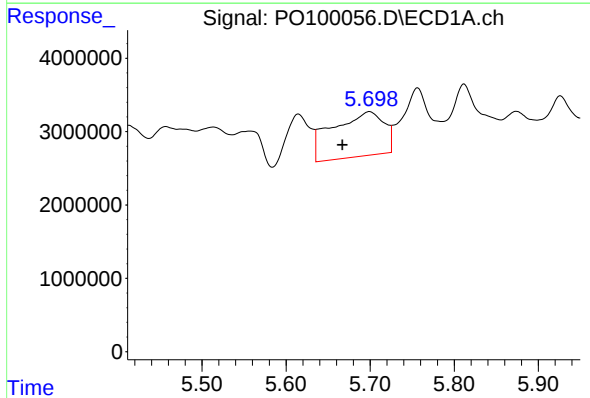
R.T.: 5.926 min
Delta R.T.: -0.017 min
Response: 9859247
Conc: 803.38 ng/ml

Instrument :
ECD_O
ClientSampleId :



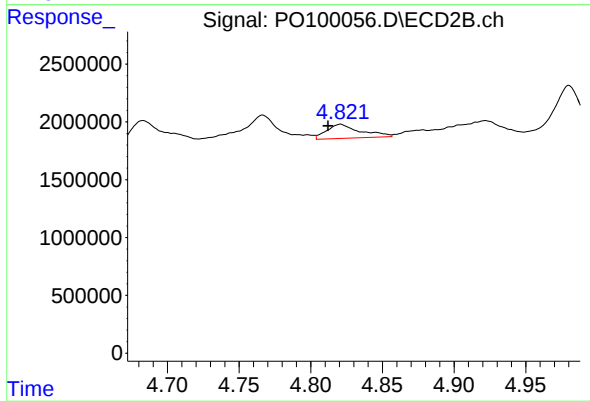
#15 AR-1232-5

R.T.: 5.265 min
Delta R.T.: -0.003 min
Response: 79463
Conc: 7.36 ng/ml



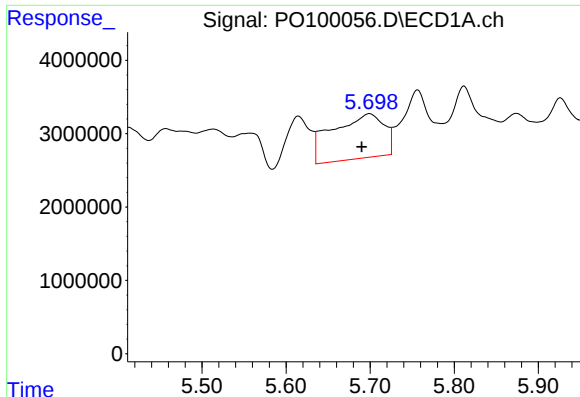
#16 AR-1242-1

R.T.: 5.699 min
Delta R.T.: 0.032 min
Response: 25712292
Conc: 742.21 ng/ml



#16 AR-1242-1

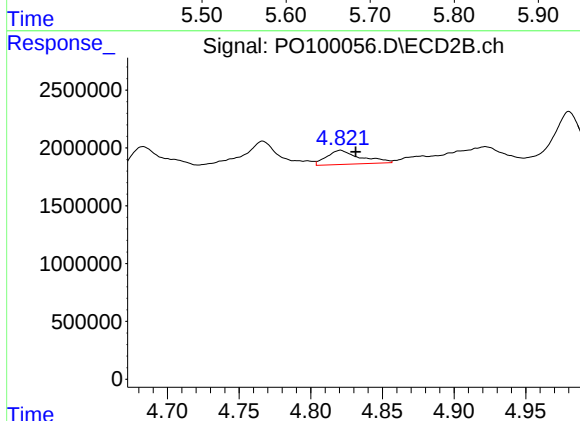
R.T.: 4.821 min
Delta R.T.: 0.009 min
Response: 1996815
Conc: 75.98 ng/ml



#17 AR-1242-2

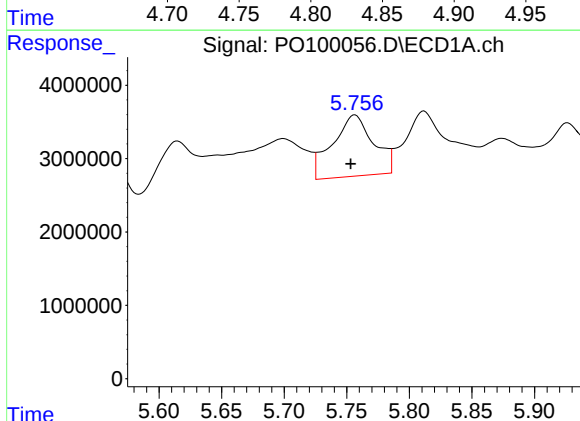
R.T.: 5.699 min
Delta R.T.: 0.009 min
Response: 25712292
Conc: 489.98 ng/ml

Instrument :
ECD_O
ClientSampleId :



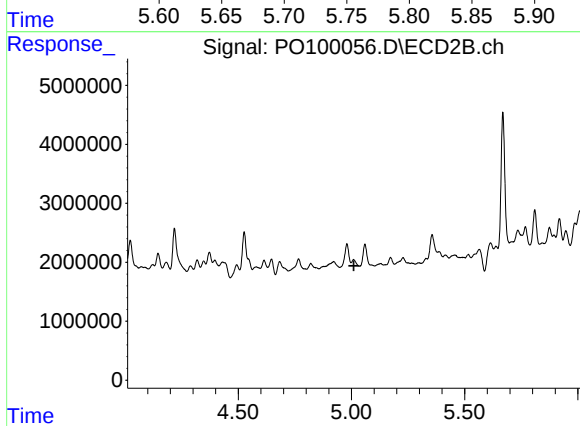
#17 AR-1242-2

R.T.: 4.821 min
Delta R.T.: -0.011 min
Response: 1996815
Conc: 56.79 ng/ml



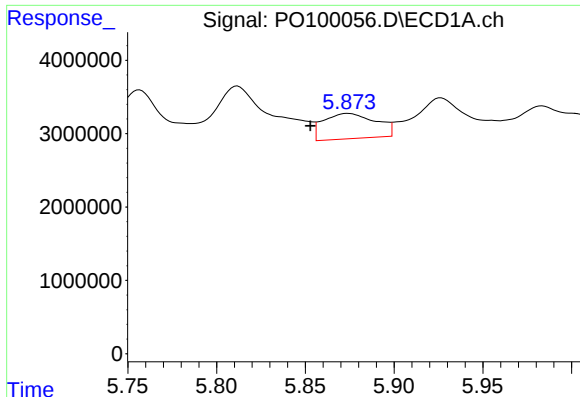
#18 AR-1242-3

R.T.: 5.757 min
Delta R.T.: 0.003 min
Response: 19011124
Conc: 546.23 ng/ml



#18 AR-1242-3

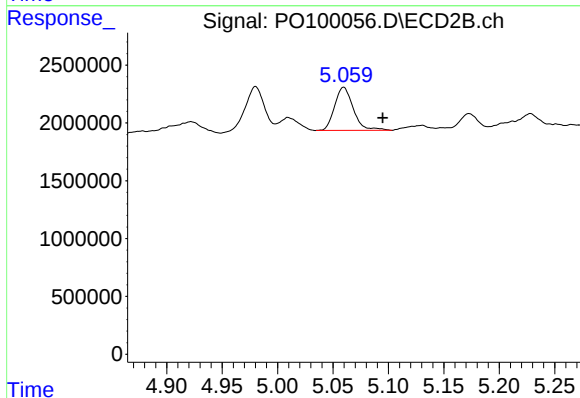
R.T.: 5.010 min
Delta R.T.: -0.002 min
Response: -1052197
Conc: N.D.



#19 AR-1242-4

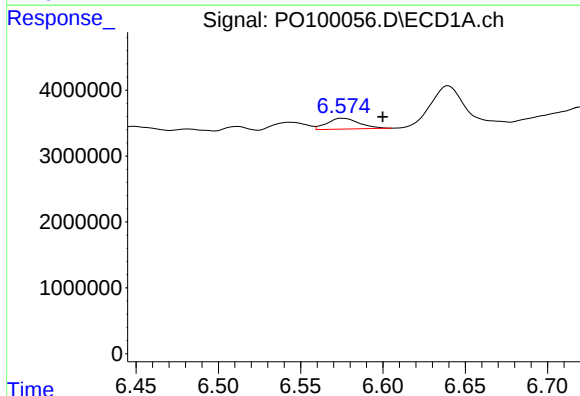
R.T.: 5.874 min
Delta R.T.: 0.021 min
Response: 7058267
Conc: 268.47 ng/ml

Instrument :
ECD_O
ClientSampleId :



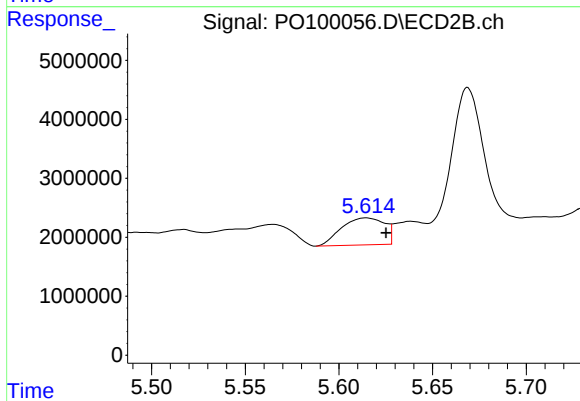
#19 AR-1242-4

R.T.: 5.060 min
Delta R.T.: -0.035 min
Response: 4388535
Conc: 217.88 ng/ml



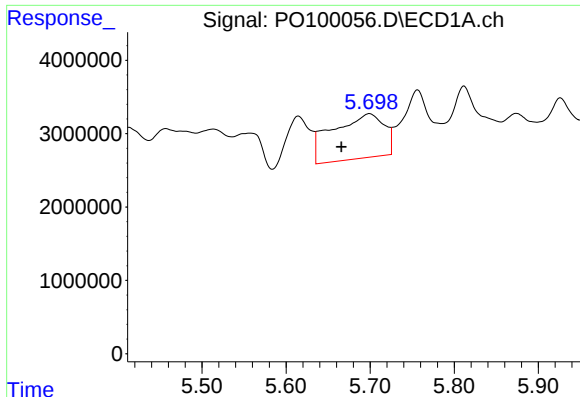
#20 AR-1242-5

R.T.: 6.575 min
Delta R.T.: -0.024 min
Response: 2216835
Conc: 99.15 ng/ml



#20 AR-1242-5

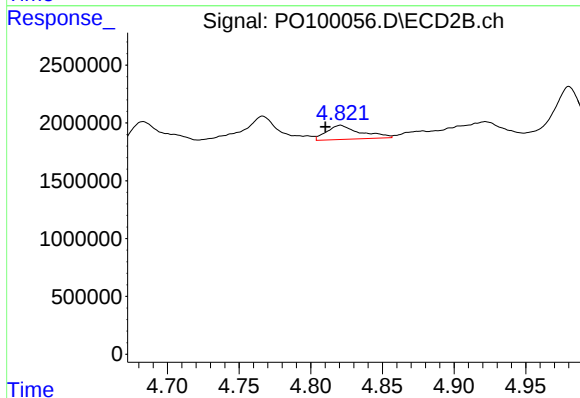
R.T.: 5.614 min
Delta R.T.: -0.011 min
Response: 7388065
Conc: 316.19 ng/ml



#21 AR-1248-1

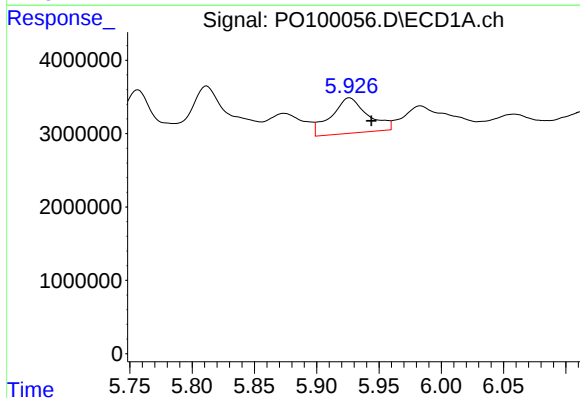
R.T.: 5.699 min
Delta R.T.: 0.034 min
Response: 25712292
Conc: 994.57 ng/ml

Instrument :
ECD_O
ClientSampleId :



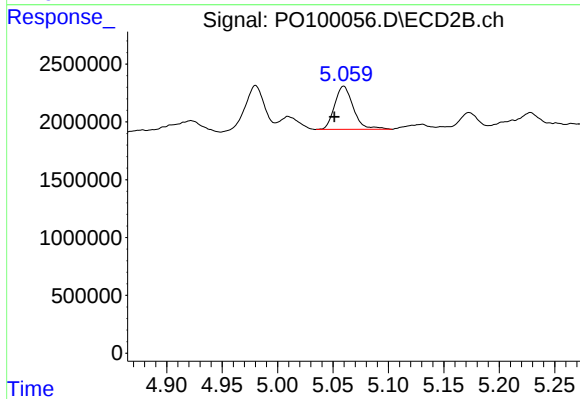
#21 AR-1248-1

R.T.: 4.821 min
Delta R.T.: 0.010 min
Response: 1996815
Conc: 99.88 ng/ml



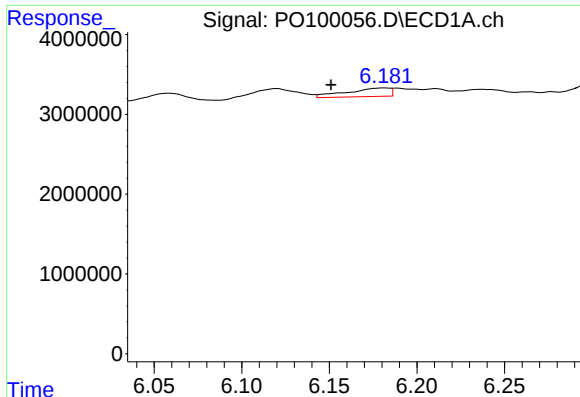
#22 AR-1248-2

R.T.: 5.926 min
Delta R.T.: -0.017 min
Response: 9859247
Conc: 241.08 ng/ml



#22 AR-1248-2

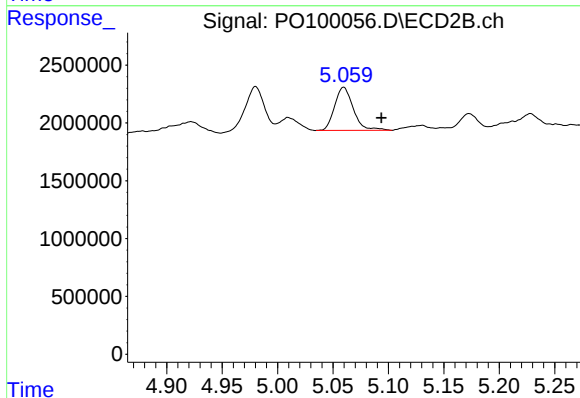
R.T.: 5.060 min
Delta R.T.: 0.008 min
Response: 4388535
Conc: 156.84 ng/ml



#23 AR-1248-3

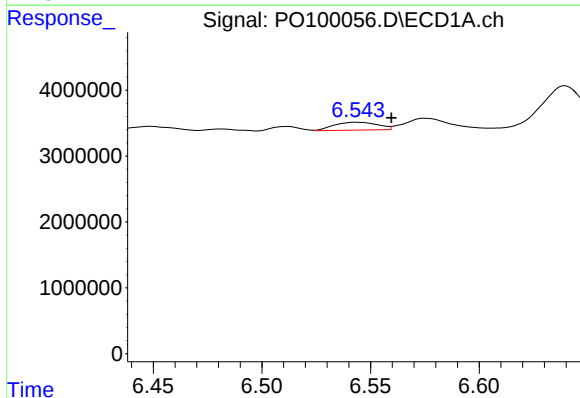
R.T.: 6.181 min
Delta R.T.: 0.030 min
Response: 1831241
Conc: 42.75 ng/ml

Instrument :
ECD_O
ClientSampleId :



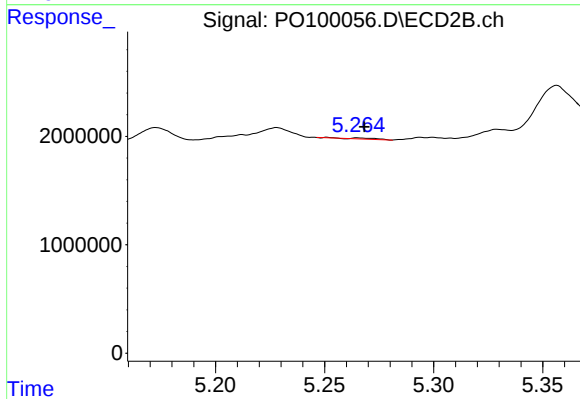
#23 AR-1248-3

R.T.: 5.060 min
Delta R.T.: -0.034 min
Response: 4388535
Conc: 151.97 ng/ml



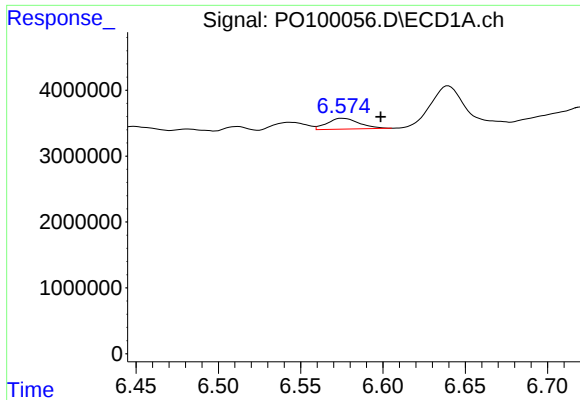
#24 AR-1248-4

R.T.: 6.544 min
Delta R.T.: -0.016 min
Response: 1643365
Conc: 43.60 ng/ml



#24 AR-1248-4

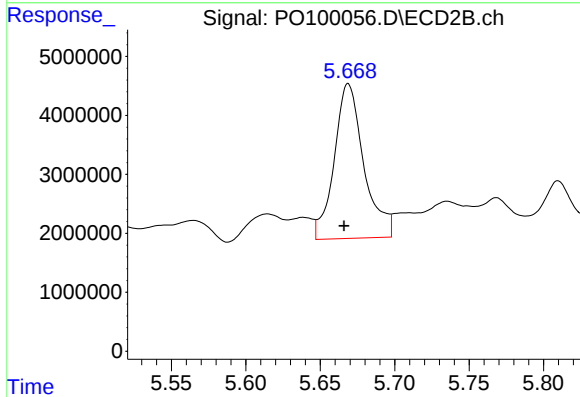
R.T.: 5.265 min
Delta R.T.: -0.003 min
Response: 79463
Conc: 2.42 ng/ml



#25 AR-1248-5

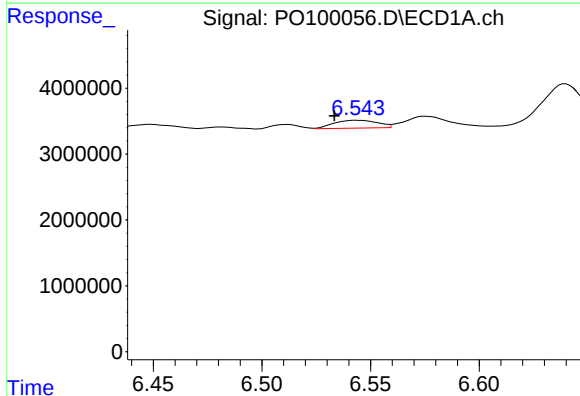
R.T.: 6.575 min
Delta R.T.: -0.023 min
Response: 2216835
Conc: 60.02 ng/ml

Instrument :
ECD_O
ClientSampleId :



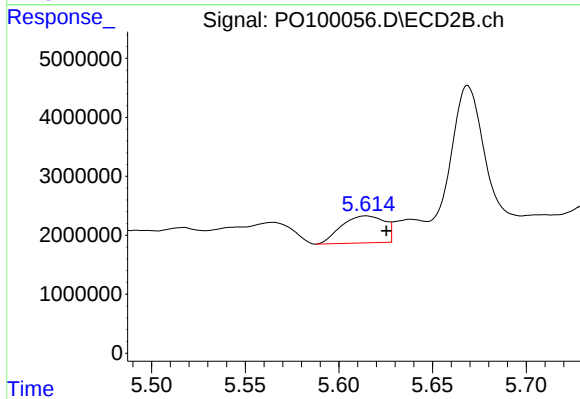
#25 AR-1248-5

R.T.: 5.669 min
Delta R.T.: 0.003 min
Response: 36293720
Conc: 1214.99 ng/ml



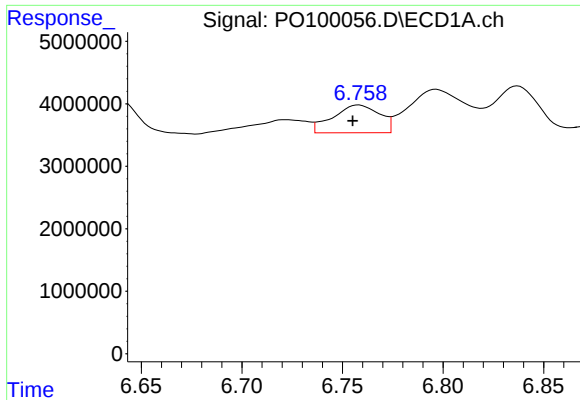
#26 AR-1254-1

R.T.: 6.544 min
Delta R.T.: 0.011 min
Response: 1643365
Conc: 34.13 ng/ml



#26 AR-1254-1

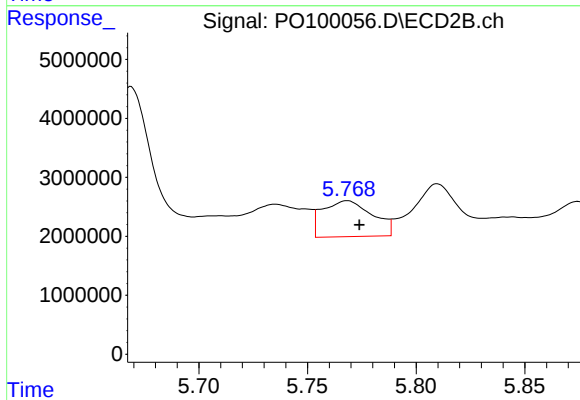
R.T.: 5.614 min
Delta R.T.: -0.011 min
Response: 7388065
Conc: 142.52 ng/ml



#27 AR-1254-2

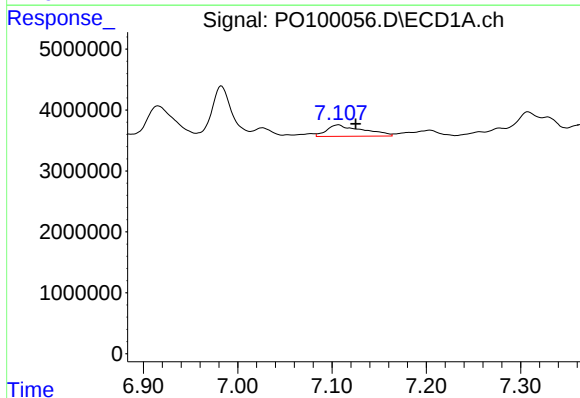
R.T.: 6.758 min
Delta R.T.: 0.003 min
Response: 7168711
Conc: 104.53 ng/ml

Instrument :
ECD_O
ClientSampleId :



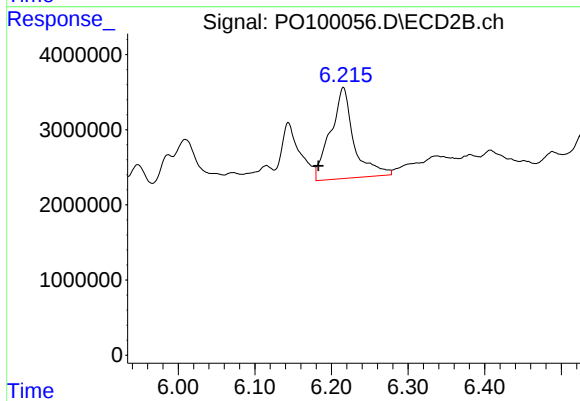
#27 AR-1254-2

R.T.: 5.768 min
Delta R.T.: -0.006 min
Response: 9756299
Conc: 209.51 ng/ml



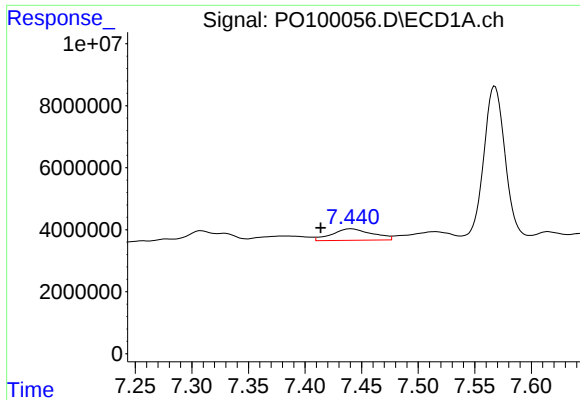
#28 AR-1254-3

R.T.: 7.107 min
Delta R.T.: -0.018 min
Response: 4978659
Conc: 78.15 ng/ml



#28 AR-1254-3

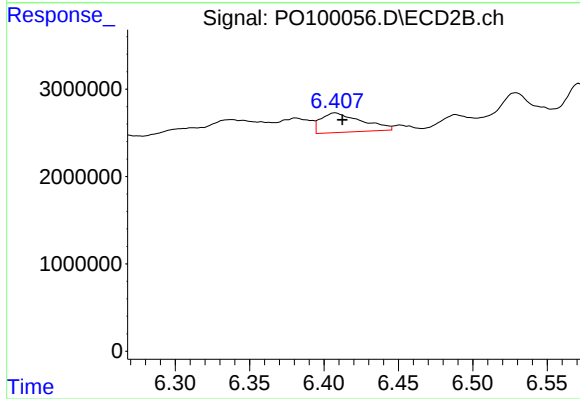
R.T.: 6.215 min
Delta R.T.: 0.033 min
Response: 25739808
Conc: 330.04 ng/ml



#29 AR-1254-4

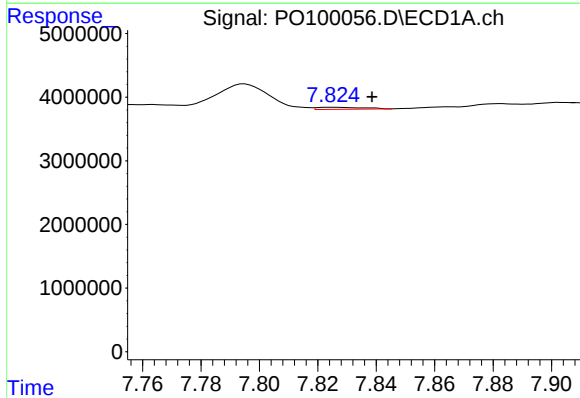
R.T.: 7.441 min
Delta R.T.: 0.027 min
Response: 9150659
Conc: 242.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



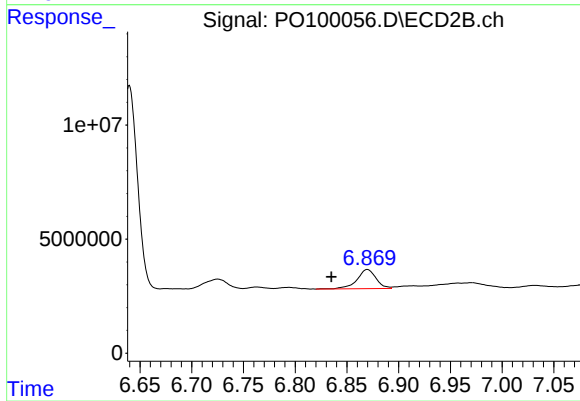
#29 AR-1254-4

R.T.: 6.407 min
Delta R.T.: -0.005 min
Response: 4259569
Conc: 99.81 ng/ml



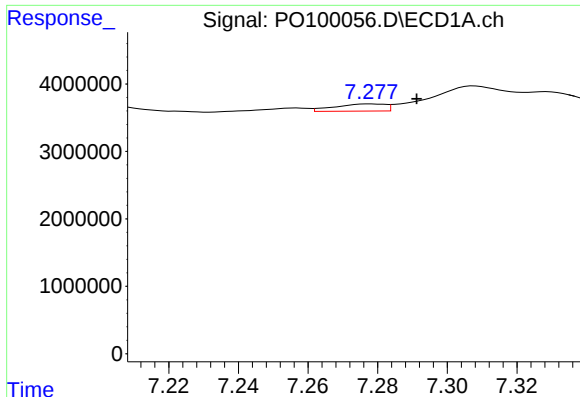
#30 AR-1254-5

R.T.: 7.825 min
Delta R.T.: -0.014 min
Response: 339194
Conc: 7.92 ng/ml



#30 AR-1254-5

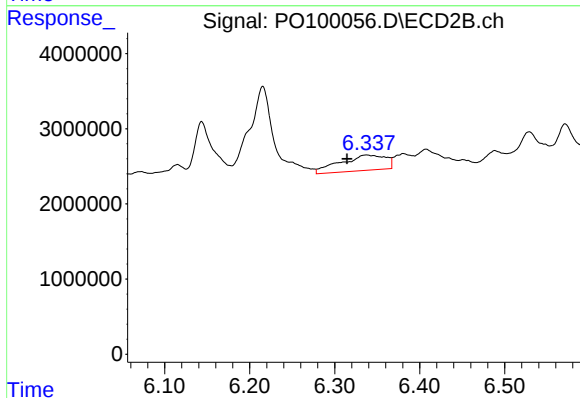
R.T.: 6.870 min
Delta R.T.: 0.035 min
Response: 10763780
Conc: 148.75 ng/ml



#31 AR-1260-1

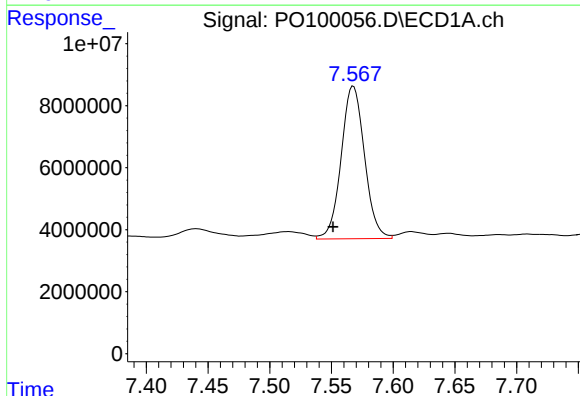
R.T.: 7.278 min
Delta R.T.: -0.014 min
Response: 1071238
Conc: 20.12 ng/ml

Instrument :
ECD_O
ClientSampleId :



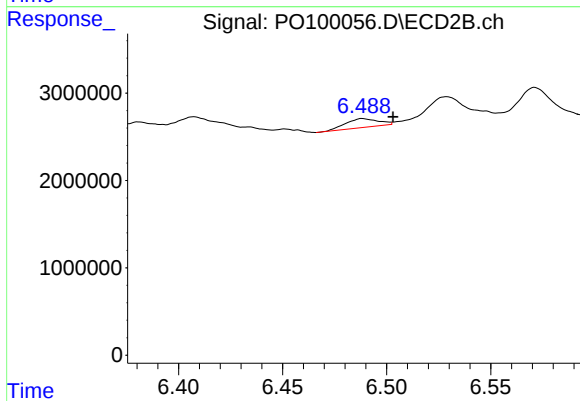
#31 AR-1260-1

R.T.: 6.338 min
Delta R.T.: 0.023 min
Response: 7662462
Conc: 132.60 ng/ml



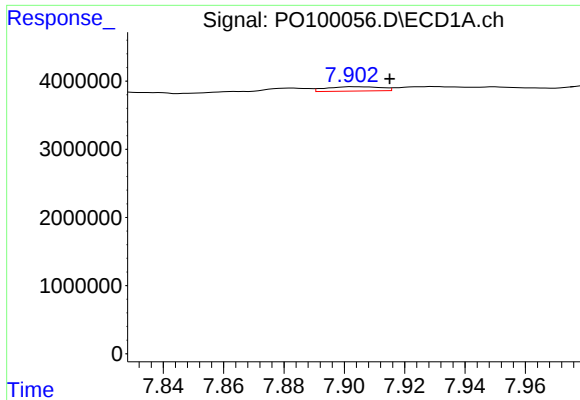
#32 AR-1260-2

R.T.: 7.568 min
Delta R.T.: 0.016 min
Response: 64729212
Conc: 1223.68 ng/ml



#32 AR-1260-2

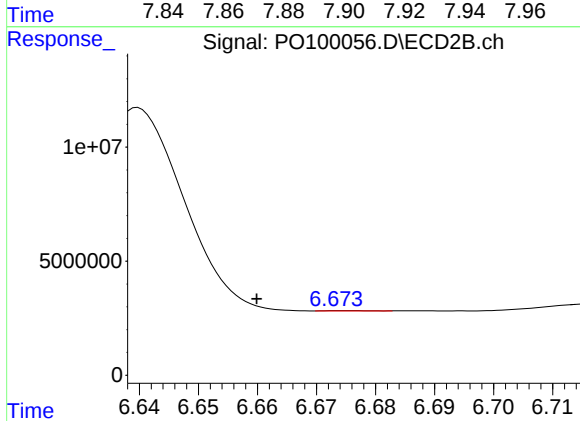
R.T.: 6.489 min
Delta R.T.: -0.015 min
Response: 1100818
Conc: 16.57 ng/ml



#33 AR-1260-3

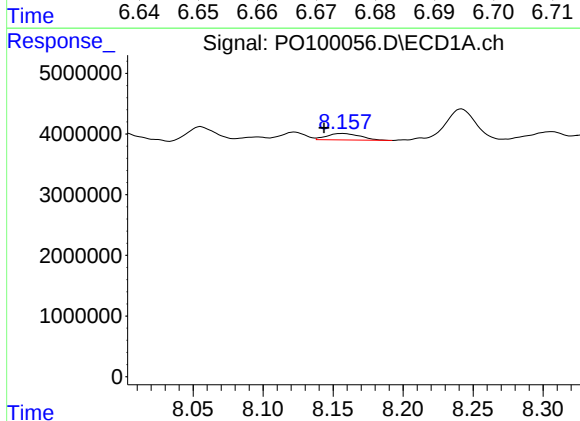
R.T.: 7.903 min
Delta R.T.: -0.012 min
Response: 797502
Conc: 22.36 ng/ml

Instrument :
ECD_O
ClientSampleId :



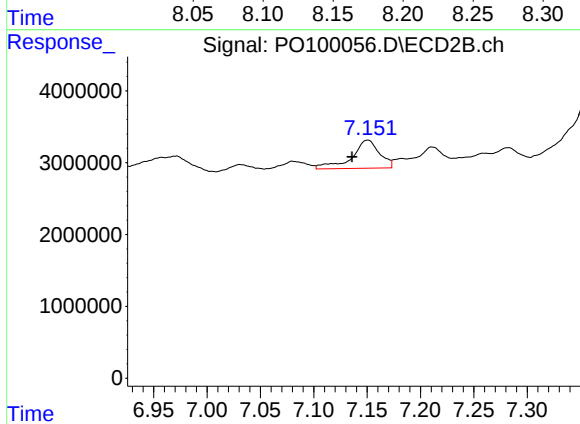
#33 AR-1260-3

R.T.: 6.674 min
Delta R.T.: 0.014 min
Response: 70787
Conc: 1.11 ng/ml



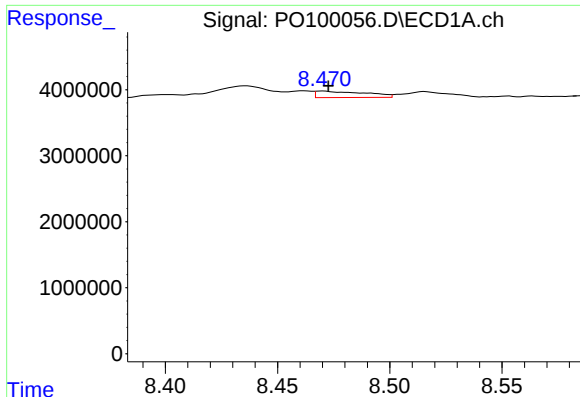
#34 AR-1260-4

R.T.: 8.157 min
Delta R.T.: 0.014 min
Response: 1764120
Conc: 42.62 ng/ml



#34 AR-1260-4

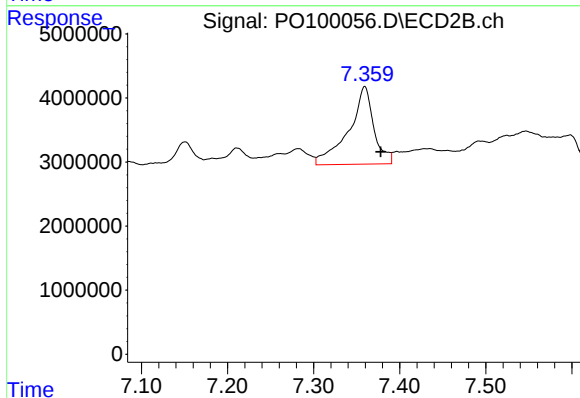
R.T.: 7.151 min
Delta R.T.: 0.015 min
Response: 7124270
Conc: 141.28 ng/ml



#35 AR-1260-5

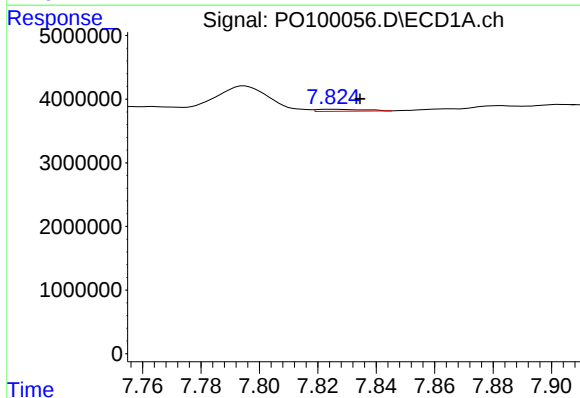
R.T.: 8.470 min
Delta R.T.: -0.003 min
Response: 1487240
Conc: 22.26 ng/ml

Instrument :
ECD_O
ClientSampleId :



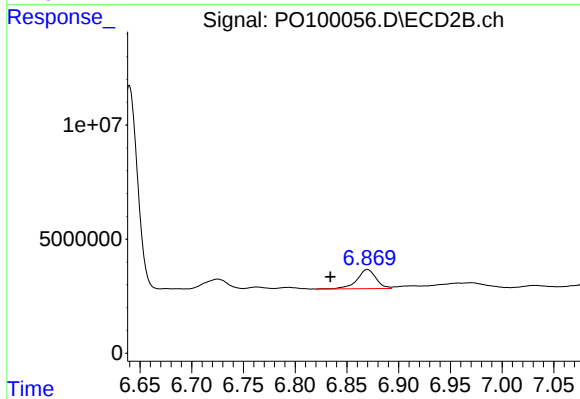
#35 AR-1260-5

R.T.: 7.359 min
Delta R.T.: -0.018 min
Response: 24605878
Conc: 219.49 ng/ml



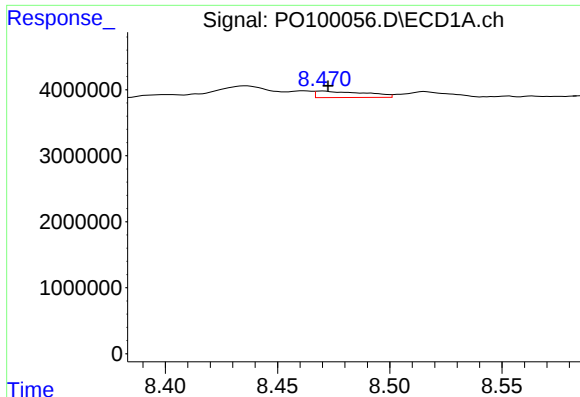
#36 AR-1262-1

R.T.: 7.825 min
Delta R.T.: -0.009 min
Response: 339194
Conc: 9.38 ng/ml



#36 AR-1262-1

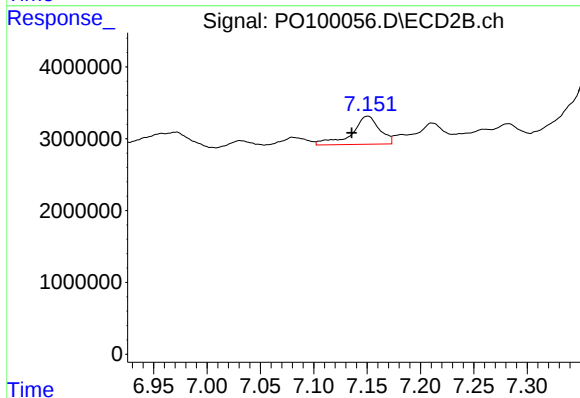
R.T.: 6.870 min
Delta R.T.: 0.036 min
Response: 10763780
Conc: 281.62 ng/ml



#37 AR-1262-2

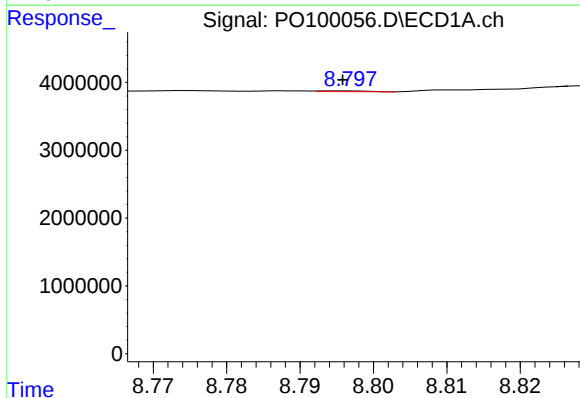
R.T.: 8.470 min
Delta R.T.: -0.002 min
Response: 1487240
Conc: 17.52 ng/ml

Instrument :
ECD_O
ClientSampleId :



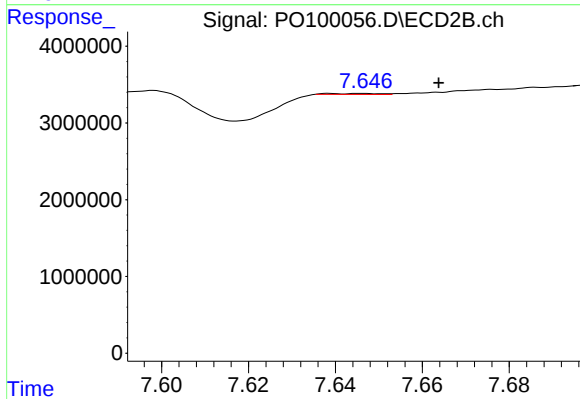
#37 AR-1262-2

R.T.: 7.151 min
Delta R.T.: 0.015 min
Response: 7124270
Conc: 94.45 ng/ml



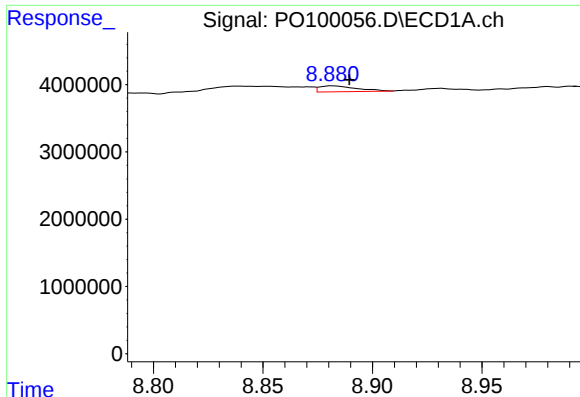
#38 AR-1262-3

R.T.: 8.796 min
Delta R.T.: 0.000 min
Response: 55880
Conc: 0.93 ng/ml



#38 AR-1262-3

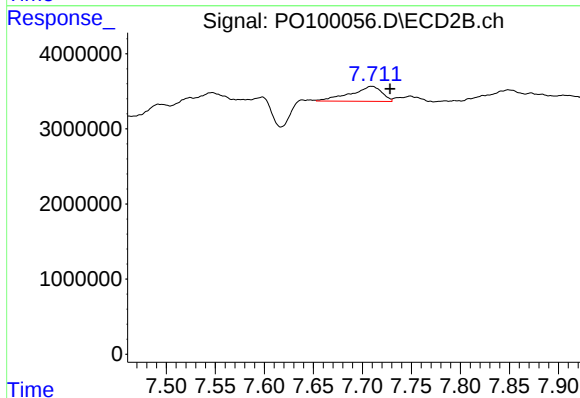
R.T.: 7.646 min
Delta R.T.: -0.017 min
Response: 115965
Conc: 1.99 ng/ml



#39 AR-1262-4

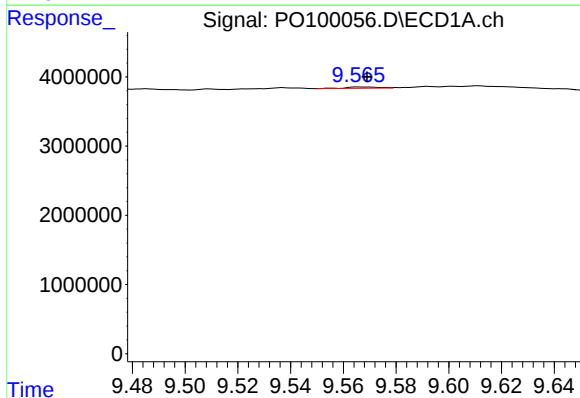
R.T.: 8.882 min
Delta R.T.: -0.008 min
Response: 1043627
Conc: 21.65 ng/ml

Instrument :
ECD_O
ClientSampleId :



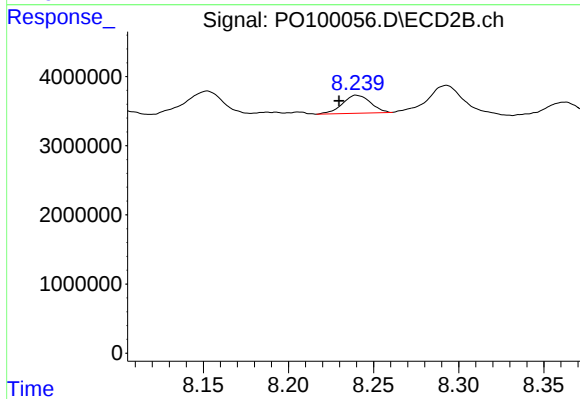
#39 AR-1262-4

R.T.: 7.709 min
Delta R.T.: -0.019 min
Response: 4452713
Conc: 43.32 ng/ml



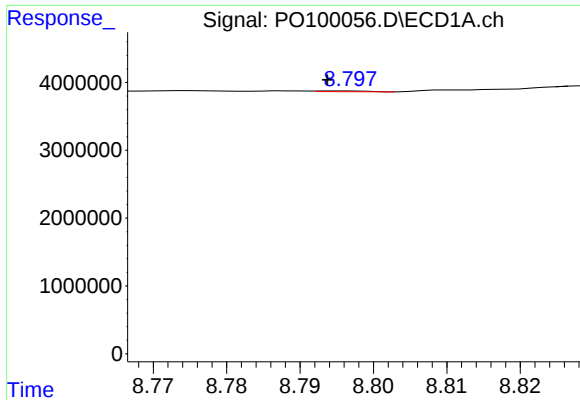
#40 AR-1262-5

R.T.: 9.566 min
Delta R.T.: -0.003 min
Response: 154745
Conc: 5.93 ng/ml



#40 AR-1262-5

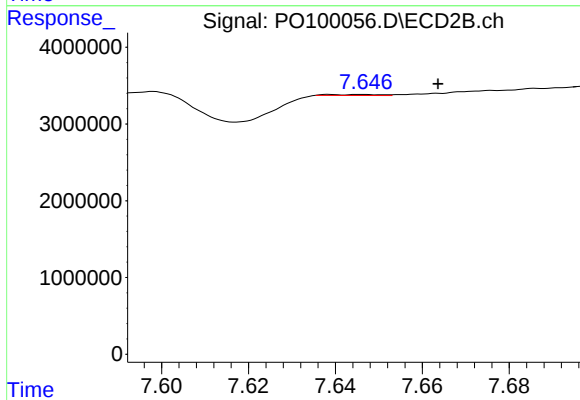
R.T.: 8.240 min
Delta R.T.: 0.010 min
Response: 2984141
Conc: 68.49 ng/ml



#41 AR-1268-1

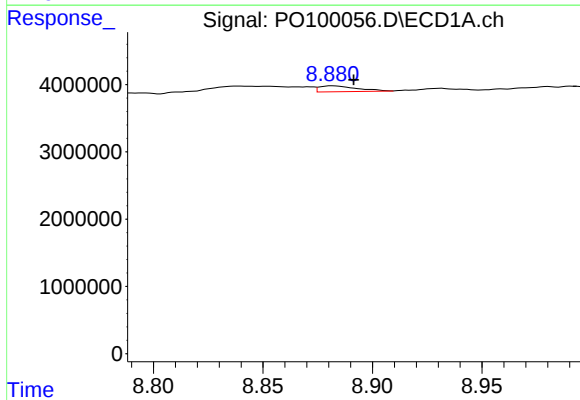
R.T.: 8.796 min
Delta R.T.: 0.002 min
Response: 55880
Conc: 0.51 ng/ml

Instrument :
ECD_O
ClientSampleId :



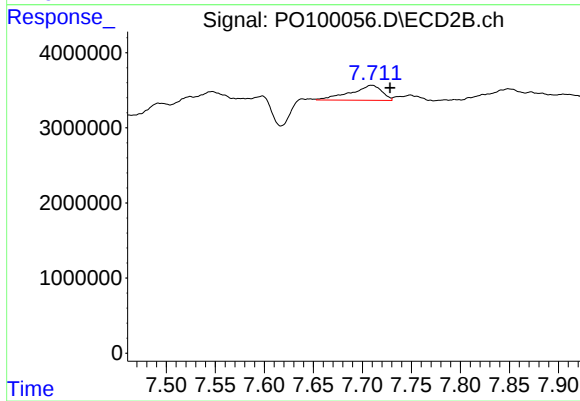
#41 AR-1268-1

R.T.: 7.646 min
Delta R.T.: -0.017 min
Response: 115965
Conc: 0.70 ng/ml



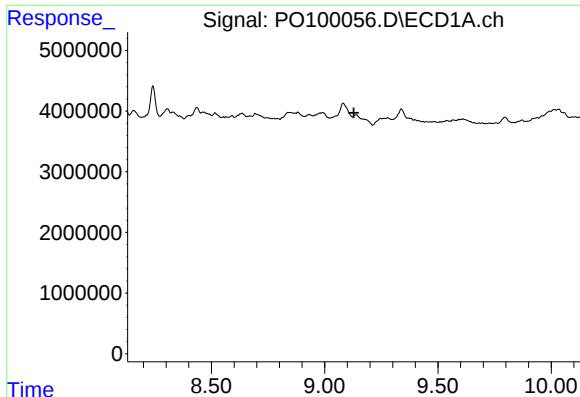
#42 AR-1268-2

R.T.: 8.882 min
Delta R.T.: -0.010 min
Response: 1043627
Conc: 10.84 ng/ml



#42 AR-1268-2

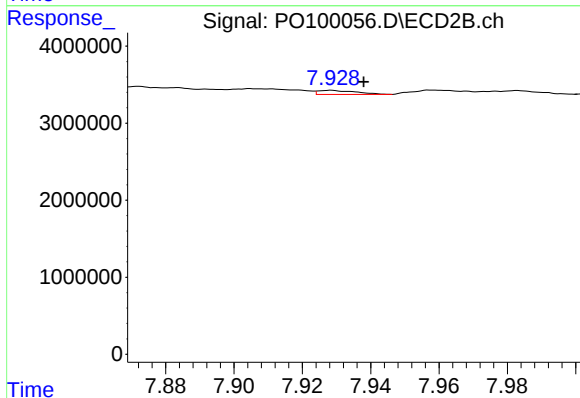
R.T.: 7.709 min
Delta R.T.: -0.019 min
Response: 4452713
Conc: 29.17 ng/ml



#43 AR-1268-3

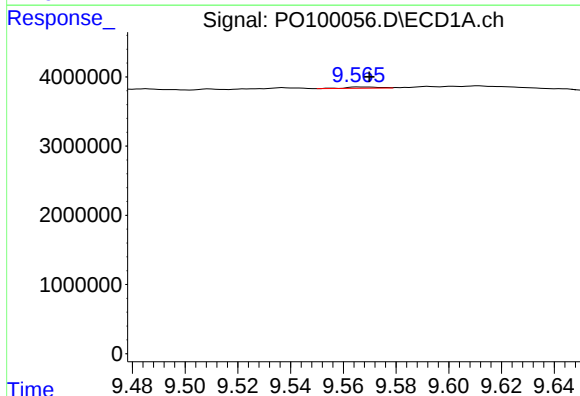
R.T.: 9.138 min
Delta R.T.: 0.009 min
Response: -656418
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



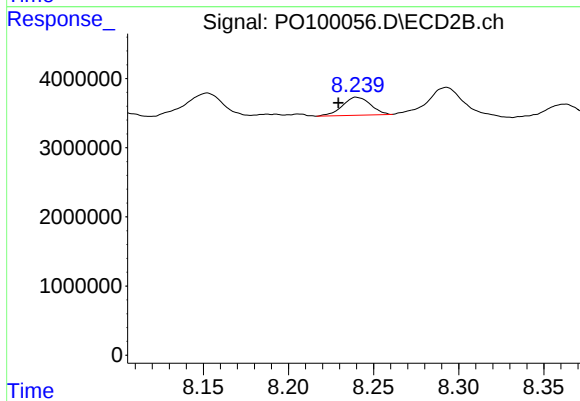
#43 AR-1268-3

R.T.: 7.928 min
Delta R.T.: -0.010 min
Response: 400033
Conc: 2.79 ng/ml



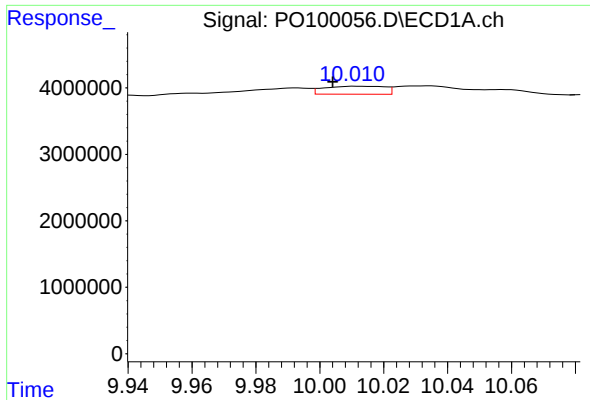
#44 AR-1268-4

R.T.: 9.566 min
Delta R.T.: -0.004 min
Response: 154745
Conc: 5.44 ng/ml



#44 AR-1268-4

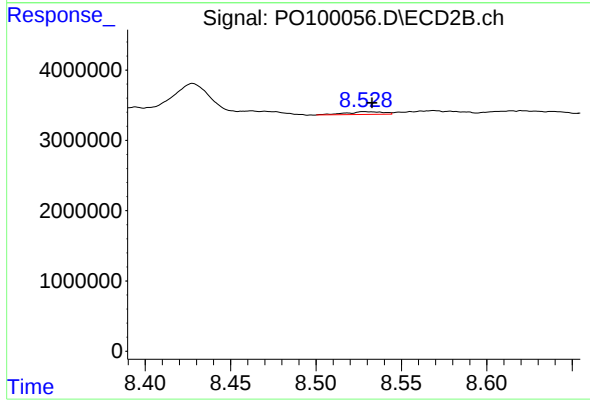
R.T.: 8.240 min
Delta R.T.: 0.011 min
Response: 2984141
Conc: 63.51 ng/ml



#45 AR-1268-5

R.T.: 10.011 min
Delta R.T.: 0.007 min
Response: 1575042
Conc: 6.26 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.528 min
Delta R.T.: -0.005 min
Response: 591206
Conc: 1.48 ng/ml