

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0021624\
 Data File : P0101862.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Feb 2024 15:13
 Operator : YP/AJ
 Sample : P1505-09
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 16 22:27:21 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0021024.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Feb 12 05:22:08 2024
 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...	4.286	3.396	66200623	53656744	21.469	20.186
2)	SA Decachlor...	9.842	8.276	40151188	32139584	19.148	16.917
Target Compounds							
3)	L1 AR-1016-1	5.433	4.466	1020315	1270834	10.346	17.418 #
4)	L1 AR-1016-2	5.456	4.466	2006666	1270834	13.803	12.046
5)	L1 AR-1016-3	5.508	4.640	2058317	743859	21.627	12.966 #
6)	L1 AR-1016-4	5.609	4.682	1077071	1960857	14.118	38.951 #
7)	L1 AR-1016-5	5.902	4.889	2189351	1031452	27.581	16.309 #
8)	L2 AR-1221-1	4.490	3.605	683703	63612	21.705	2.332 #
9)	L2 AR-1221-2	4.585	3.685	1044963	1714904	44.061	87.629 #
10)	L2 AR-1221-3	4.647	3.759	-19308	135288	N.D.	2.222 #
11)	L3 AR-1232-1	4.647	3.759	-19308	135288	N.D.	2.504 #
12)	L3 AR-1232-2	5.173	4.466	1107958	1270834	28.858	25.783
13)	L3 AR-1232-3	5.456	4.640	2006666	743859	29.015	28.975
14)	L3 AR-1232-4	5.609	4.721	1077071	1128895	29.618	44.418 #
15)	L3 AR-1232-5	5.702	4.889	2666203	1031452	84.909	39.108 #
16)	L4 AR-1242-1	5.433	4.466	1020315	1270834	13.871	22.671 #
17)	L4 AR-1242-2	5.456	4.466	2006666	1270834	18.416	16.091
18)	L4 AR-1242-3	5.508	4.640	2058317	743859	29.178	17.464 #
19)	L4 AR-1242-4	5.609	4.721	1077071	1128895	18.992	24.375 #
20)	L4 AR-1242-5	6.341	5.235	2333949	5002262	42.267	101.135 #
21)	L5 AR-1248-1	5.433	4.466	1020315	1270834	18.543	29.498 #
22)	L5 AR-1248-2	5.702	4.682	2666203	1960857	28.484	29.602
23)	L5 AR-1248-3	5.902	4.721	2189351	1128895	22.456	16.406 #
24)	L5 AR-1248-4	6.300	4.889	1503943	1031452	16.421	13.140
25)	L5 AR-1248-5	6.341	5.276	2333949	1534704	25.981	23.509
26)	L6 AR-1254-1	6.275	5.235	4917887	5002262	44.274	43.038
27)	L6 AR-1254-2	6.491	5.381	7141834	5139550	43.453	48.615
28)	L6 AR-1254-3	6.853	5.777	7548968	9727716	46.891	60.166 #
29)	L6 AR-1254-4	7.135	6.004	3371834	3009424	34.027	35.793
30)	L6 AR-1254-5	7.551	6.415	12075600	9783446	100.815	73.018 #
31)	L7 AR-1260-1	7.015	5.905	5928616	7007982	45.168	56.762 #
32)	L7 AR-1260-2	7.269	6.092	5334097	5190217	37.425	35.953
33)	L7 AR-1260-3	7.625	6.241	2466373	4675644	23.422	35.774 #
34)	L7 AR-1260-4	7.838	6.707	4791823	2309279	42.900	20.939 #
35)	L7 AR-1260-5	8.152	6.948	5766608	5399164	26.284	22.841
36)	L8 AR-1262-1	7.551	6.415	12075600	9783446	100.047	116.680
37)	L8 AR-1262-2	8.152	6.707	5766608	2309279	18.717	15.182
38)	L8 AR-1262-3	8.459	7.228	3037445	1294432	14.389	10.940
39)	L8 AR-1262-4	8.537	7.290	2686636	3652712	15.627	16.996
40)	L8 AR-1262-5	9.147	7.781	1136500	1043120	11.020	11.556
41)	L9 AR-1268-1	8.459	7.228	3037445	1294432	8.817	4.168 #

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 ALS Vial : 13 Sample Multiplier: 1

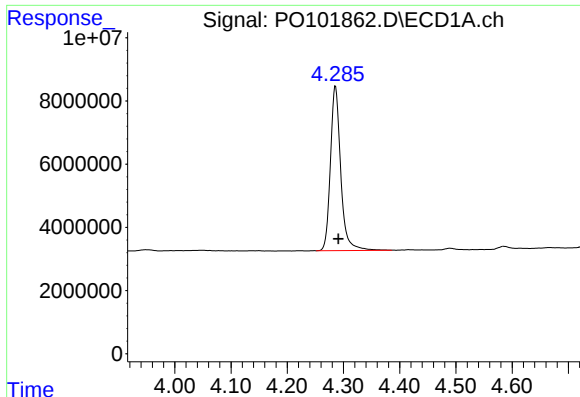
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 16 22:27:21 2024
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 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	8.537	7.290	2686636	3652712	8.078	12.899 #
43) L9	AR-1268-3	8.758	7.493	637713	381072	2.332	1.610 #
44) L9	AR-1268-4	9.147	8.050	1136500	1553045	11.352	2.157 #
45) L9	AR-1268-5	9.533	8.276	1243037	32139584	1.416	93.962 #

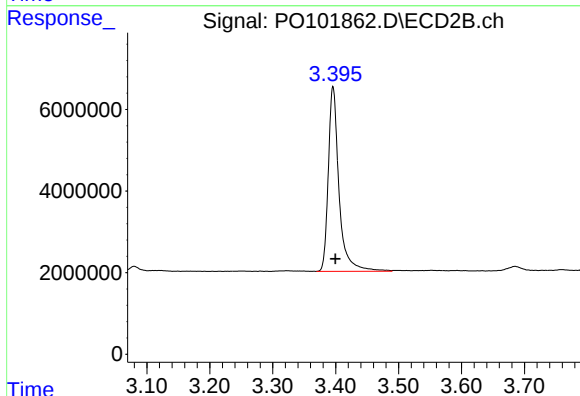
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

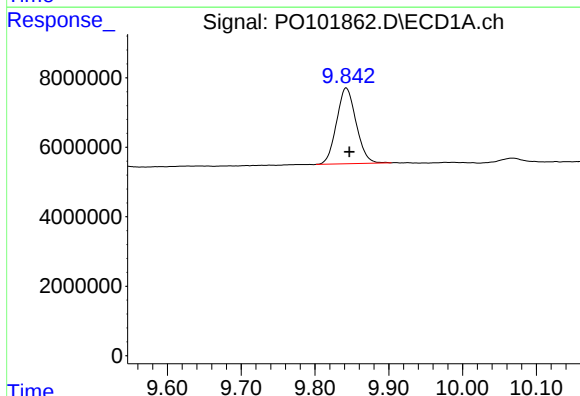
R.T.: 4.286 min
Delta R.T.: -0.005 min
Response: 66200623
Conc: 21.47 ng/ml

Instrument :
ECD_O
ClientSampleId :



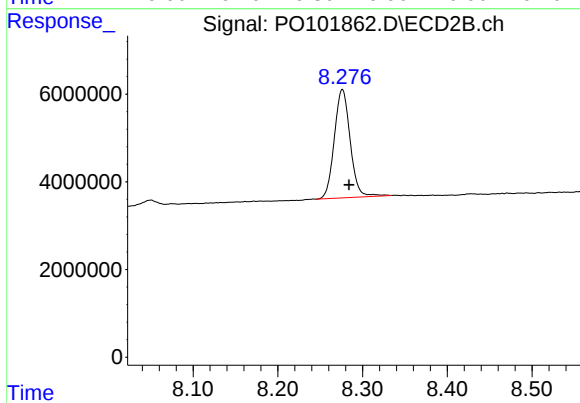
#1 Tetrachloro-m-xylene

R.T.: 3.396 min
Delta R.T.: -0.004 min
Response: 53656744
Conc: 20.19 ng/ml



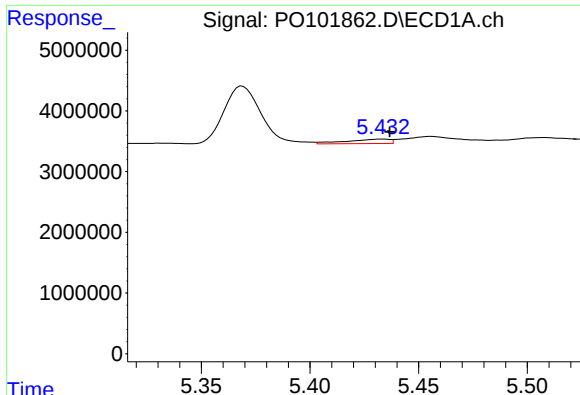
#2 Decachlorobiphenyl

R.T.: 9.842 min
Delta R.T.: -0.004 min
Response: 40151188
Conc: 19.15 ng/ml



#2 Decachlorobiphenyl

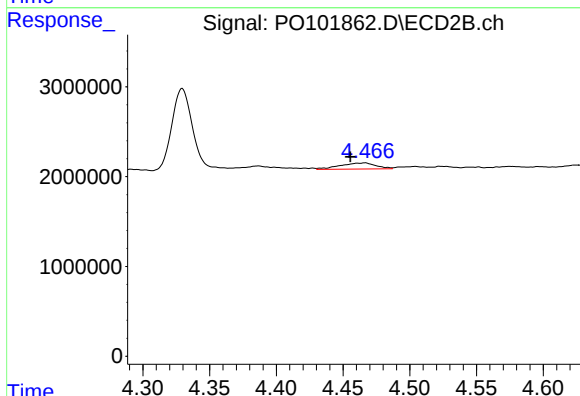
R.T.: 8.276 min
Delta R.T.: -0.008 min
Response: 32139584
Conc: 16.92 ng/ml



#3 AR-1016-1

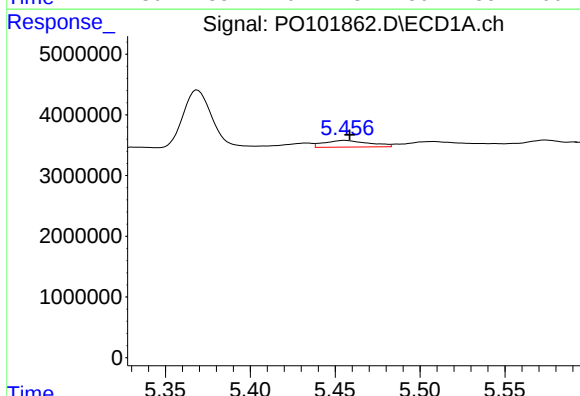
R.T.: 5.433 min
Delta R.T.: -0.004 min
Response: 1020315
Conc: 10.35 ng/ml

Instrument :
ECD_O
ClientSampleId :



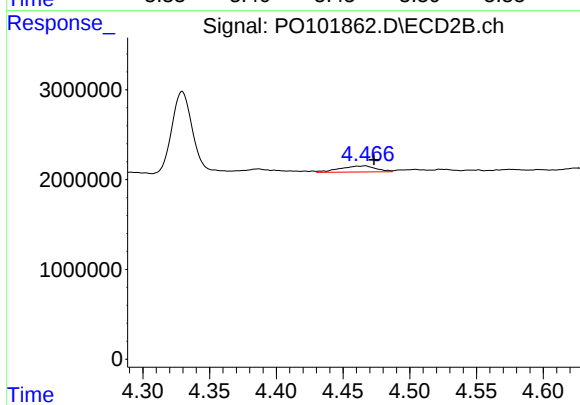
#3 AR-1016-1

R.T.: 4.466 min
Delta R.T.: 0.011 min
Response: 1270834
Conc: 17.42 ng/ml



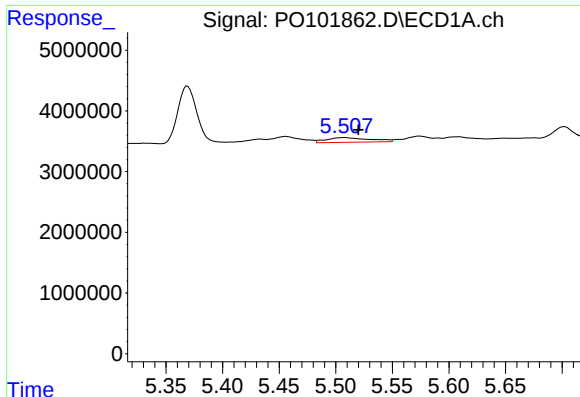
#4 AR-1016-2

R.T.: 5.456 min
Delta R.T.: -0.003 min
Response: 2006666
Conc: 13.80 ng/ml



#4 AR-1016-2

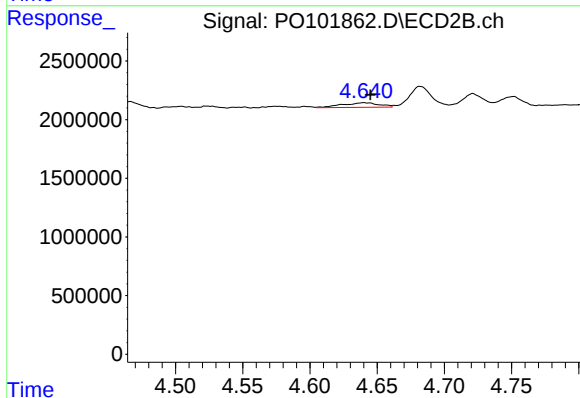
R.T.: 4.466 min
Delta R.T.: -0.007 min
Response: 1270834
Conc: 12.05 ng/ml



#5 AR-1016-3

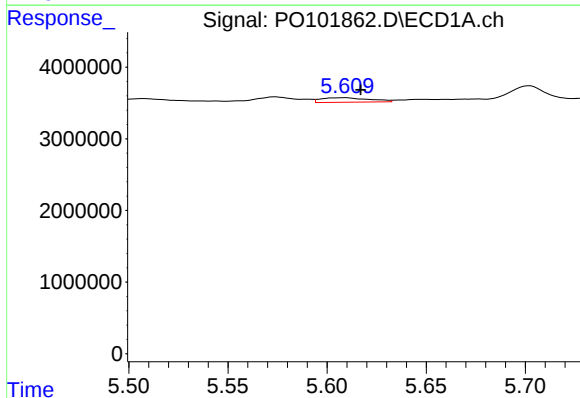
R.T.: 5.508 min
Delta R.T.: -0.012 min
Response: 2058317
Conc: 21.63 ng/ml

Instrument :
ECD_O
ClientSampleId :



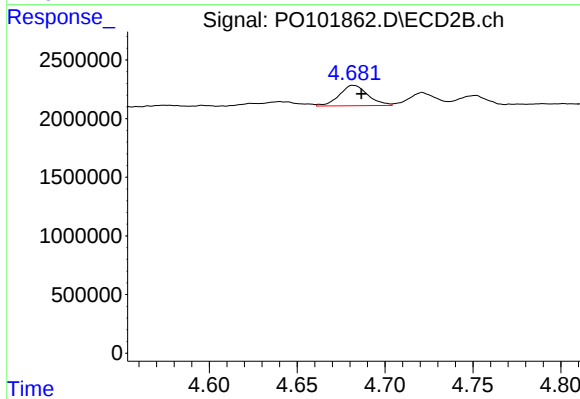
#5 AR-1016-3

R.T.: 4.640 min
Delta R.T.: -0.005 min
Response: 743859
Conc: 12.97 ng/ml



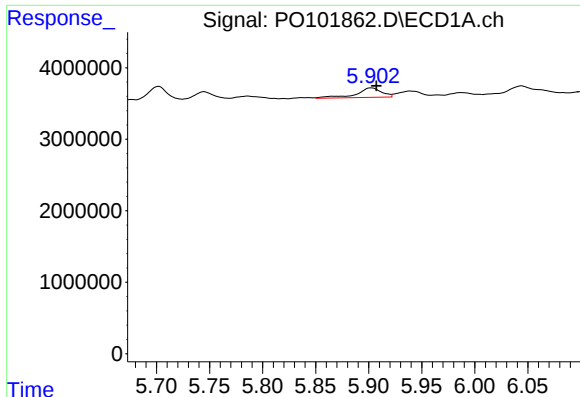
#6 AR-1016-4

R.T.: 5.609 min
Delta R.T.: -0.008 min
Response: 1077071
Conc: 14.12 ng/ml



#6 AR-1016-4

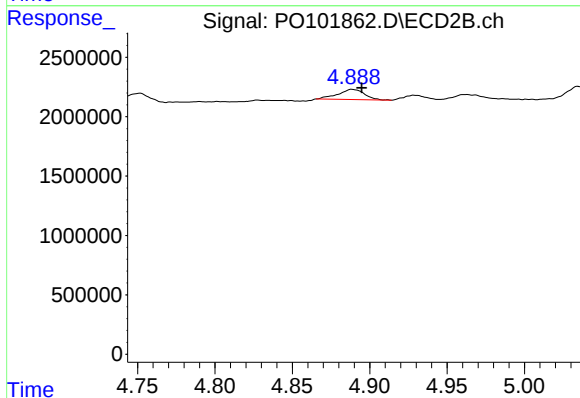
R.T.: 4.682 min
Delta R.T.: -0.004 min
Response: 1960857
Conc: 38.95 ng/ml



#7 AR-1016-5

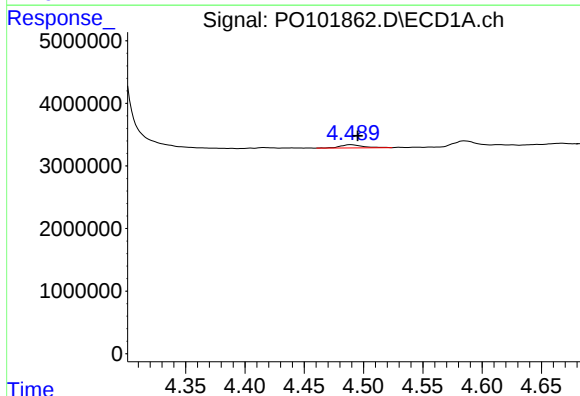
R.T.: 5.902 min
Delta R.T.: -0.005 min
Response: 2189351
Conc: 27.58 ng/ml

Instrument :
ECD_O
ClientSampleId :



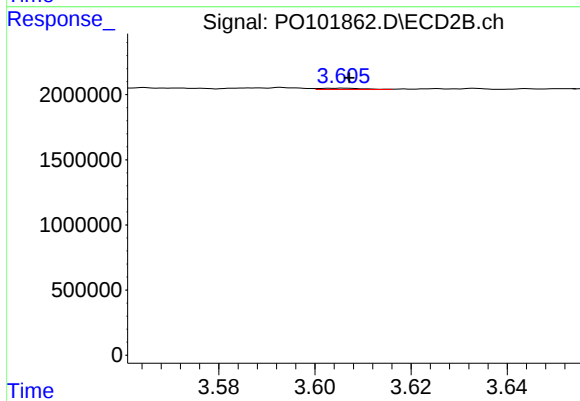
#7 AR-1016-5

R.T.: 4.889 min
Delta R.T.: -0.006 min
Response: 1031452
Conc: 16.31 ng/ml



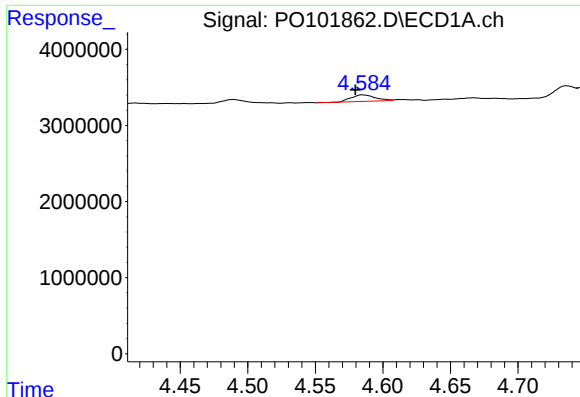
#8 AR-1221-1

R.T.: 4.490 min
Delta R.T.: -0.006 min
Response: 683703
Conc: 21.70 ng/ml



#8 AR-1221-1

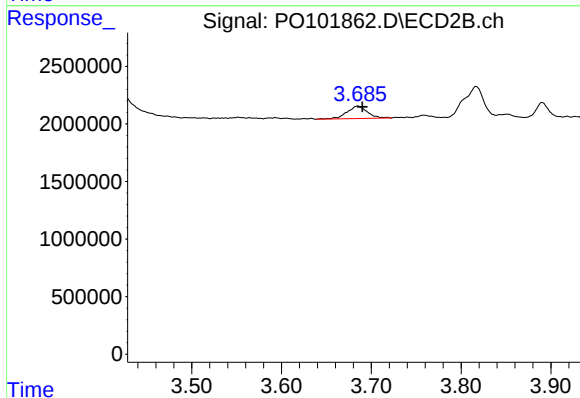
R.T.: 3.605 min
Delta R.T.: -0.002 min
Response: 63612
Conc: 2.33 ng/ml



#9 AR-1221-2

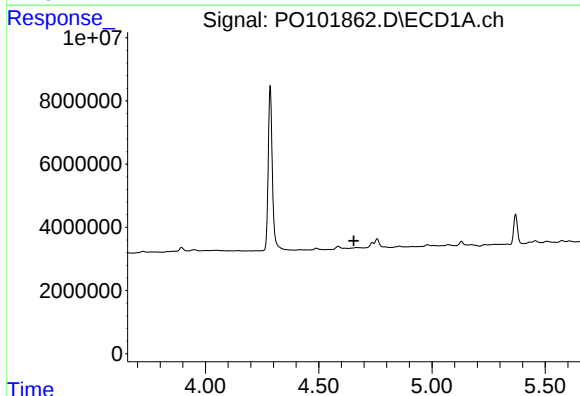
R.T.: 4.585 min
Delta R.T.: 0.006 min
Response: 1044963
Conc: 44.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



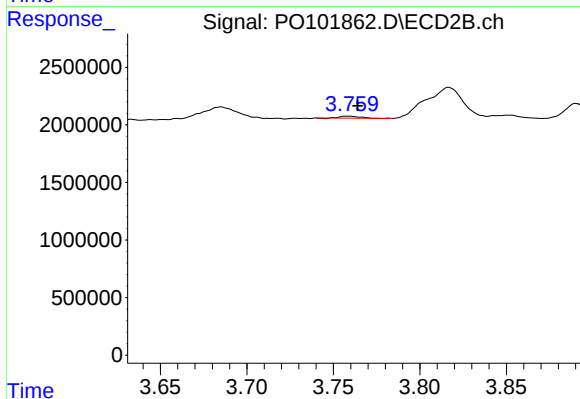
#9 AR-1221-2

R.T.: 3.685 min
Delta R.T.: -0.005 min
Response: 1714904
Conc: 87.63 ng/ml



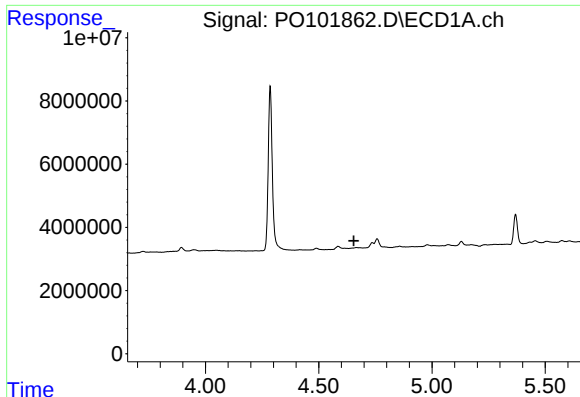
#10 AR-1221-3

R.T.: 4.647 min
Delta R.T.: -0.007 min
Response: -19308
Conc: N.D.



#10 AR-1221-3

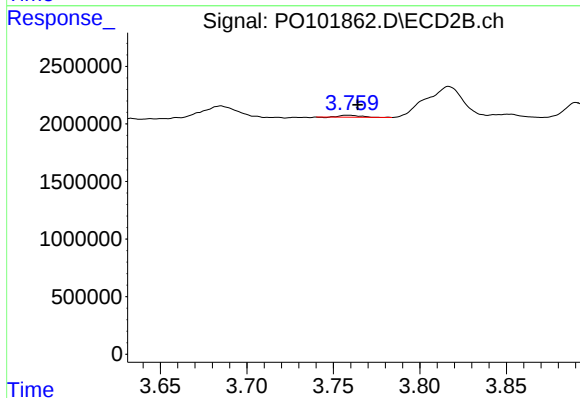
R.T.: 3.759 min
Delta R.T.: -0.006 min
Response: 135288
Conc: 2.22 ng/ml



#11 AR-1232-1

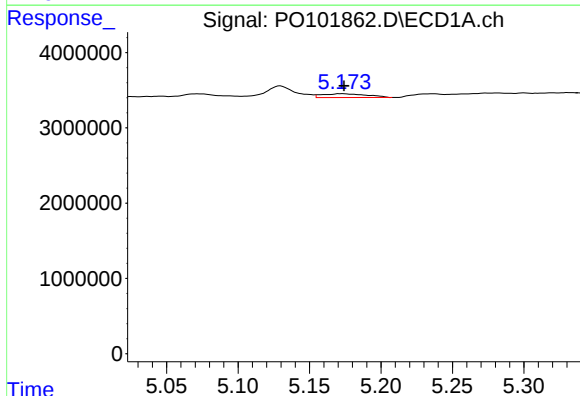
R.T.: 4.647 min
Delta R.T.: -0.007 min
Response: -19308
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



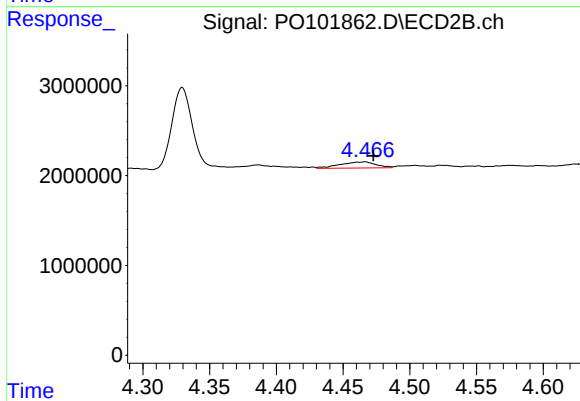
#11 AR-1232-1

R.T.: 3.759 min
Delta R.T.: -0.006 min
Response: 135288
Conc: 2.50 ng/ml



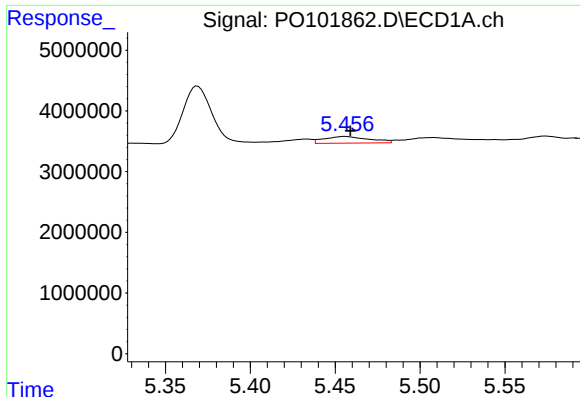
#12 AR-1232-2

R.T.: 5.173 min
Delta R.T.: -0.001 min
Response: 1107958
Conc: 28.86 ng/ml



#12 AR-1232-2

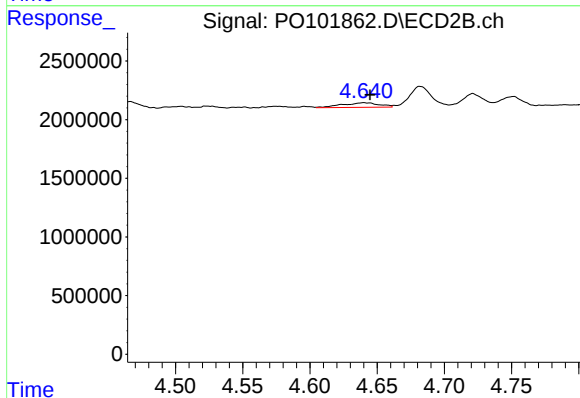
R.T.: 4.466 min
Delta R.T.: -0.007 min
Response: 1270834
Conc: 25.78 ng/ml



#13 AR-1232-3

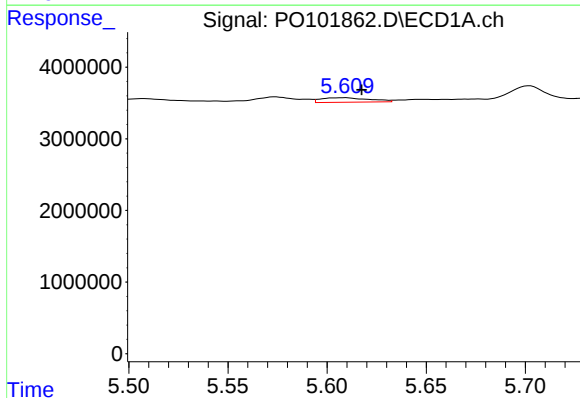
R.T.: 5.456 min
Delta R.T.: -0.003 min
Response: 2006666
Conc: 29.02 ng/ml

Instrument :
ECD_O
ClientSampleId :



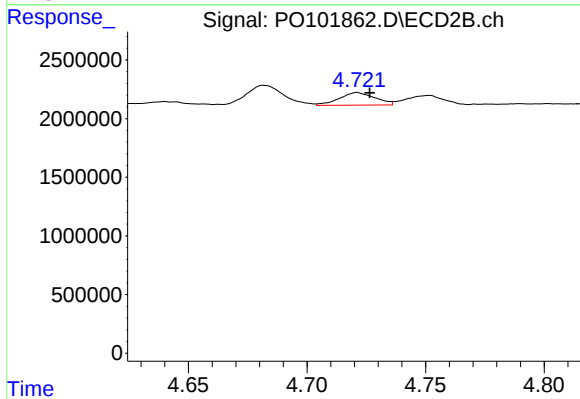
#13 AR-1232-3

R.T.: 4.640 min
Delta R.T.: -0.005 min
Response: 743859
Conc: 28.98 ng/ml



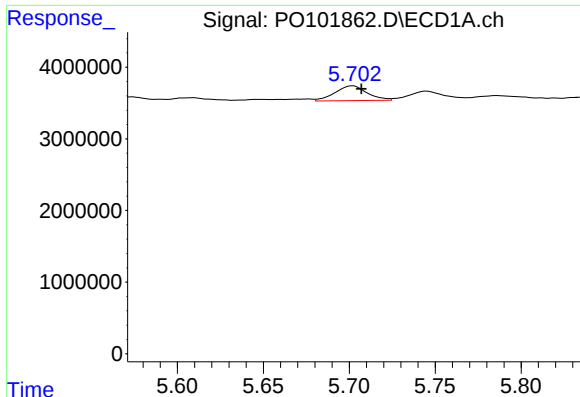
#14 AR-1232-4

R.T.: 5.609 min
Delta R.T.: -0.009 min
Response: 1077071
Conc: 29.62 ng/ml



#14 AR-1232-4

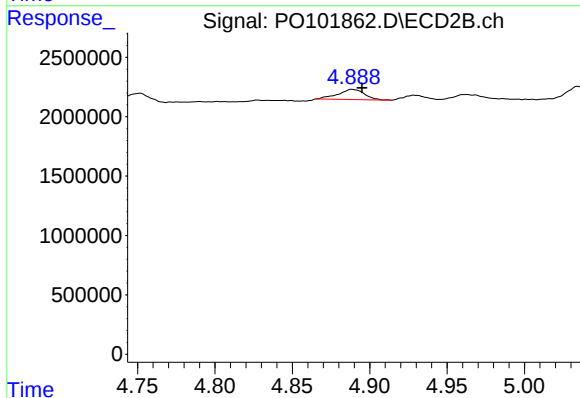
R.T.: 4.721 min
Delta R.T.: -0.005 min
Response: 1128895
Conc: 44.42 ng/ml



#15 AR-1232-5

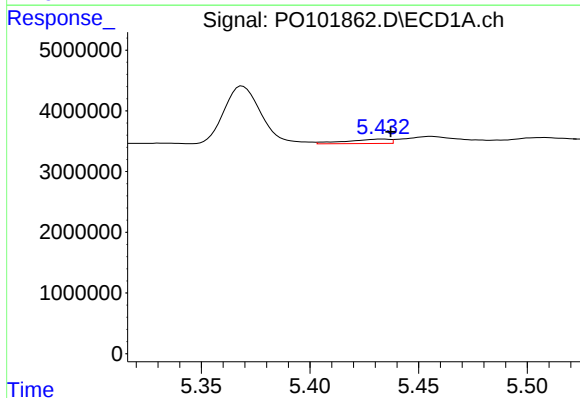
R.T.: 5.702 min
Delta R.T.: -0.005 min
Response: 2666203
Conc: 84.91 ng/ml

Instrument :
ECD_O
ClientSampleId :



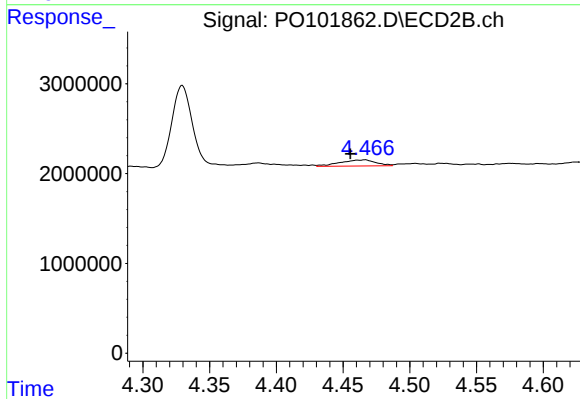
#15 AR-1232-5

R.T.: 4.889 min
Delta R.T.: -0.006 min
Response: 1031452
Conc: 39.11 ng/ml



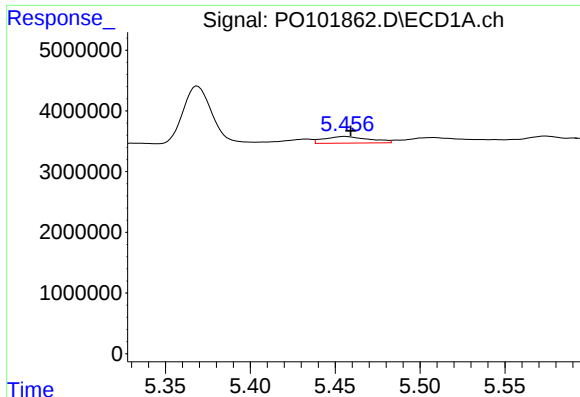
#16 AR-1242-1

R.T.: 5.433 min
Delta R.T.: -0.004 min
Response: 1020315
Conc: 13.87 ng/ml



#16 AR-1242-1

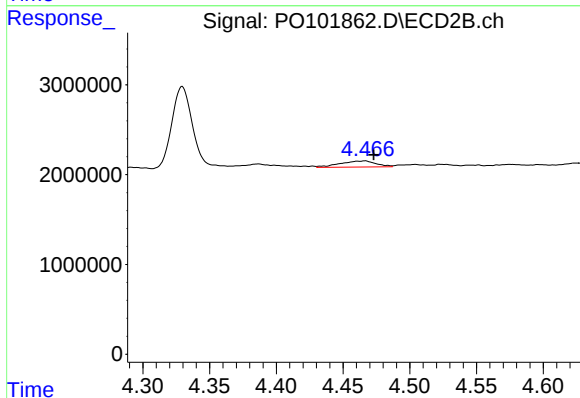
R.T.: 4.466 min
Delta R.T.: 0.011 min
Response: 1270834
Conc: 22.67 ng/ml



#17 AR-1242-2

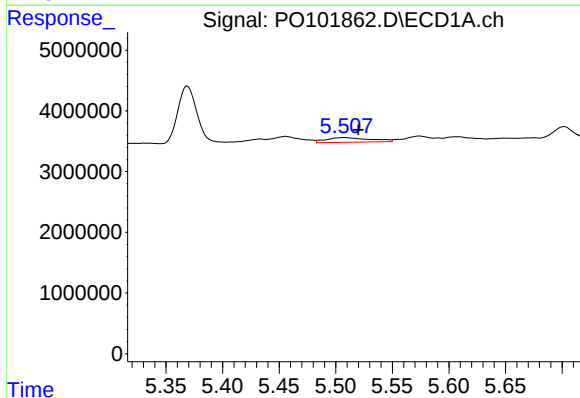
R.T.: 5.456 min
Delta R.T.: -0.003 min
Response: 2006666
Conc: 18.42 ng/ml

Instrument :
ECD_O
ClientSampleId :



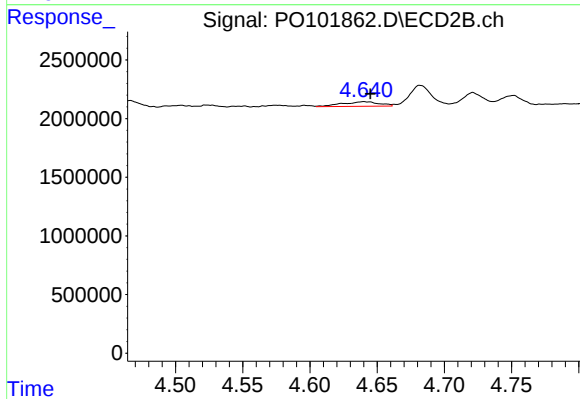
#17 AR-1242-2

R.T.: 4.466 min
Delta R.T.: -0.007 min
Response: 1270834
Conc: 16.09 ng/ml



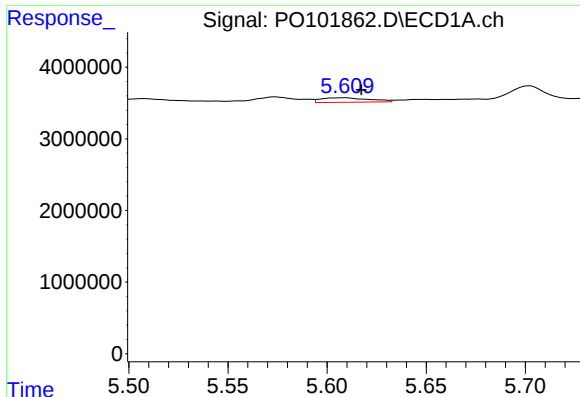
#18 AR-1242-3

R.T.: 5.508 min
Delta R.T.: -0.012 min
Response: 2058317
Conc: 29.18 ng/ml



#18 AR-1242-3

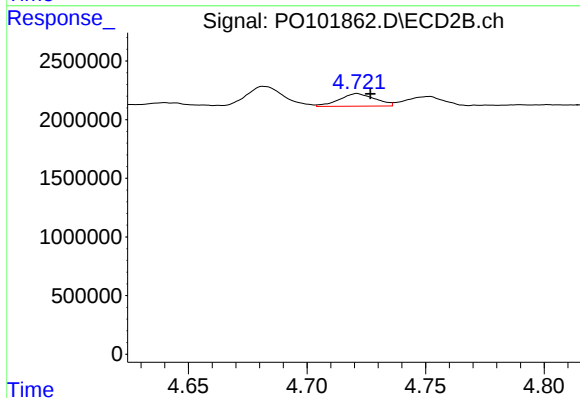
R.T.: 4.640 min
Delta R.T.: -0.005 min
Response: 743859
Conc: 17.46 ng/ml



#19 AR-1242-4

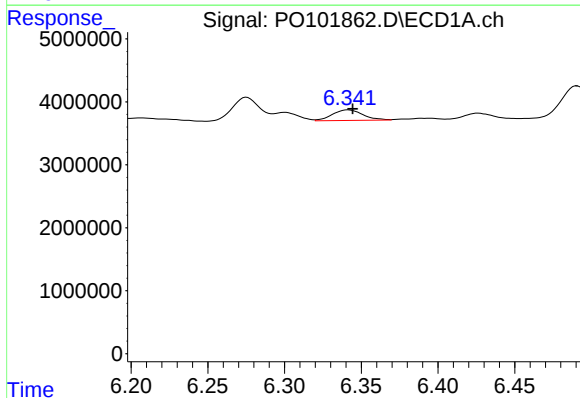
R.T.: 5.609 min
Delta R.T.: -0.008 min
Response: 1077071
Conc: 18.99 ng/ml

Instrument :
ECD_O
ClientSampleId :



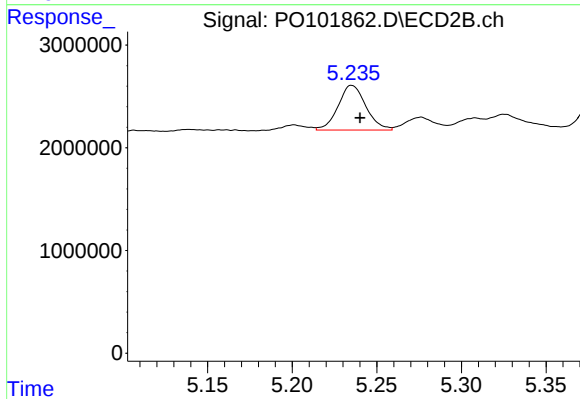
#19 AR-1242-4

R.T.: 4.721 min
Delta R.T.: -0.005 min
Response: 1128895
Conc: 24.37 ng/ml



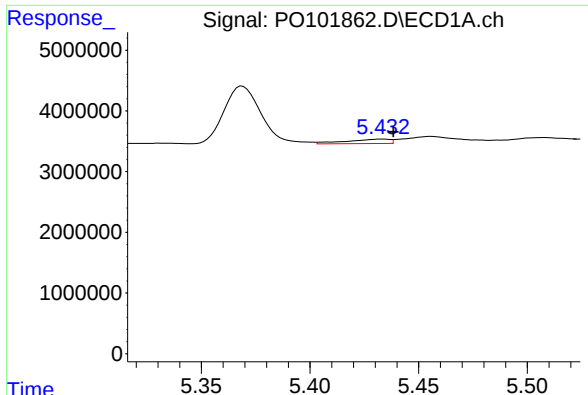
#20 AR-1242-5

R.T.: 6.341 min
Delta R.T.: -0.003 min
Response: 2333949
Conc: 42.27 ng/ml



#20 AR-1242-5

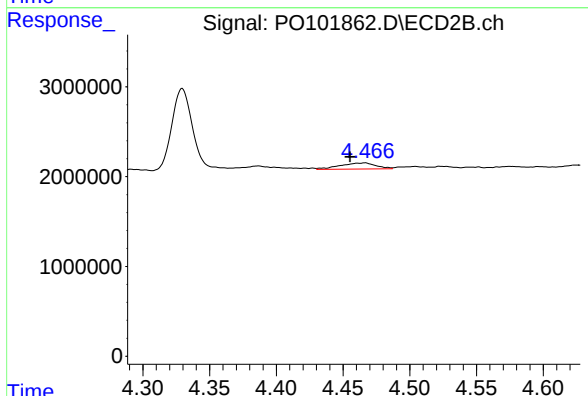
R.T.: 5.235 min
Delta R.T.: -0.005 min
Response: 5002262
Conc: 101.14 ng/ml



#21 AR-1248-1

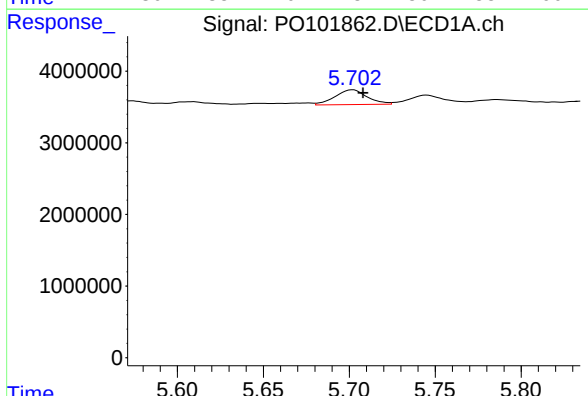
R.T.: 5.433 min
Delta R.T.: -0.005 min
Response: 1020315
Conc: 18.54 ng/ml

Instrument :
ECD_O
ClientSampleId :



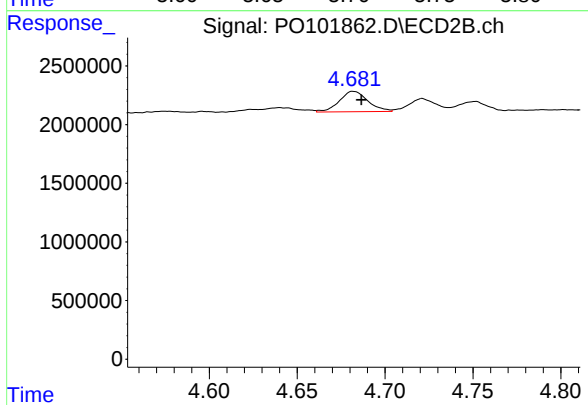
#21 AR-1248-1

R.T.: 4.466 min
Delta R.T.: 0.011 min
Response: 1270834
Conc: 29.50 ng/ml



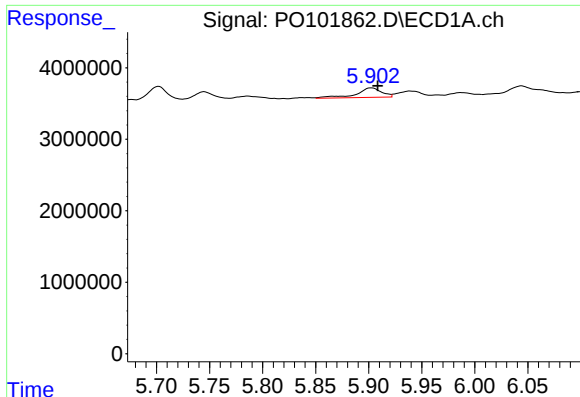
#22 AR-1248-2

R.T.: 5.702 min
Delta R.T.: -0.006 min
Response: 2666203
Conc: 28.48 ng/ml



#22 AR-1248-2

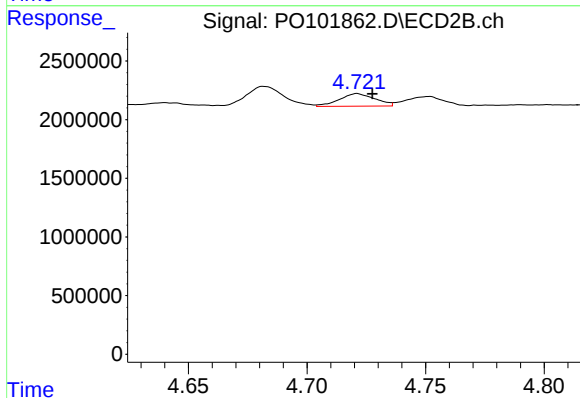
R.T.: 4.682 min
Delta R.T.: -0.004 min
Response: 1960857
Conc: 29.60 ng/ml



#23 AR-1248-3

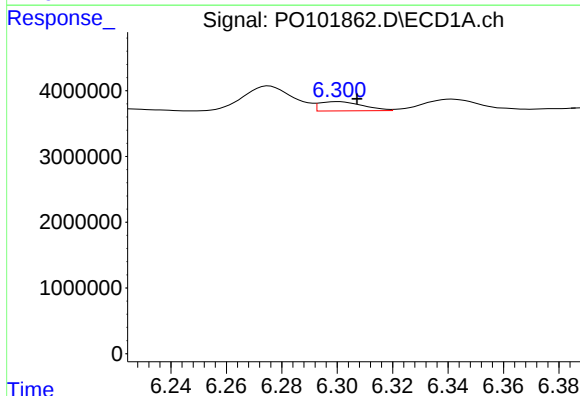
R.T.: 5.902 min
Delta R.T.: -0.006 min
Response: 2189351
Conc: 22.46 ng/ml

Instrument :
ECD_O
ClientSampleId :



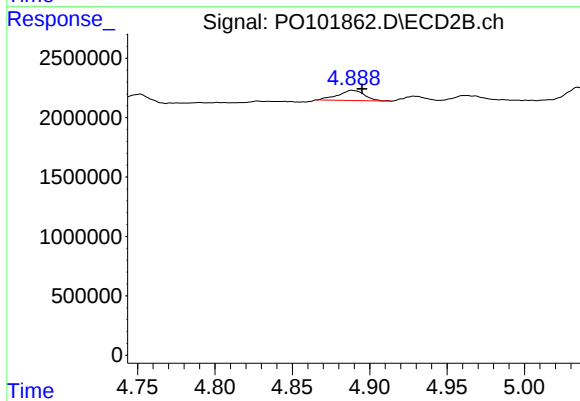
#23 AR-1248-3

R.T.: 4.721 min
Delta R.T.: -0.006 min
Response: 1128895
Conc: 16.41 ng/ml



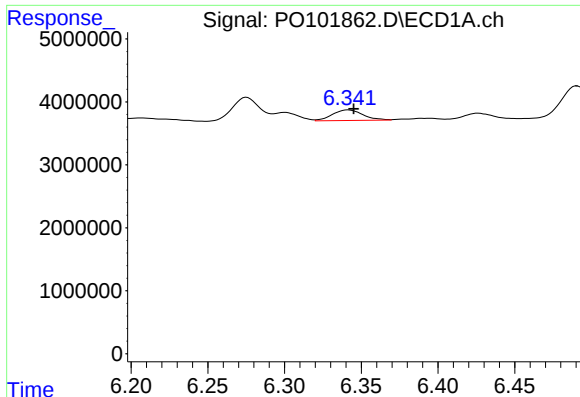
#24 AR-1248-4

R.T.: 6.300 min
Delta R.T.: -0.007 min
Response: 1503943
Conc: 16.42 ng/ml



#24 AR-1248-4

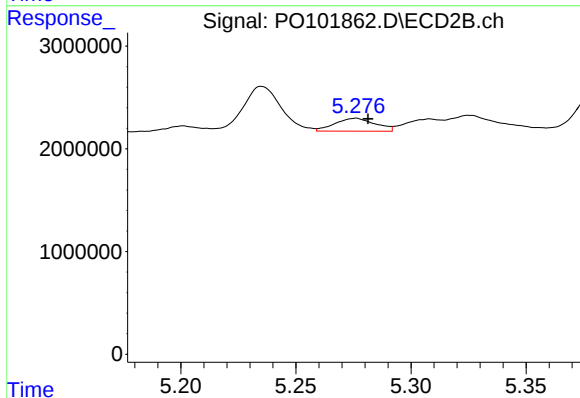
R.T.: 4.889 min
Delta R.T.: -0.006 min
Response: 1031452
Conc: 13.14 ng/ml



#25 AR-1248-5

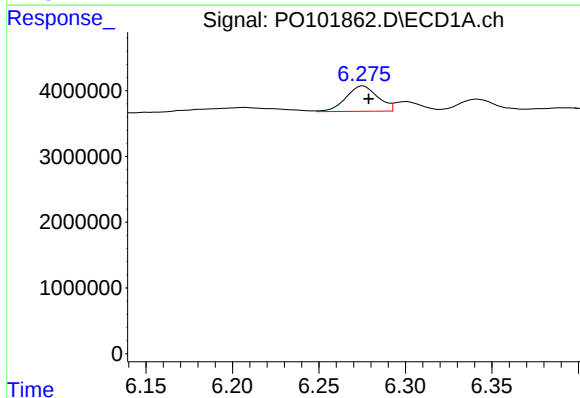
R.T.: 6.341 min
Delta R.T.: -0.004 min
Response: 2333949
Conc: 25.98 ng/ml

Instrument :
ECD_O
ClientSampleId :



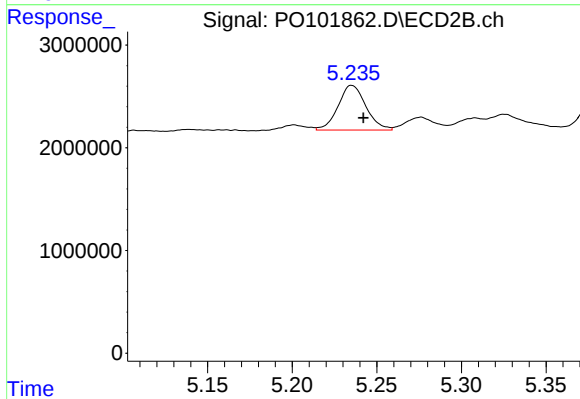
#25 AR-1248-5

R.T.: 5.276 min
Delta R.T.: -0.005 min
Response: 1534704
Conc: 23.51 ng/ml



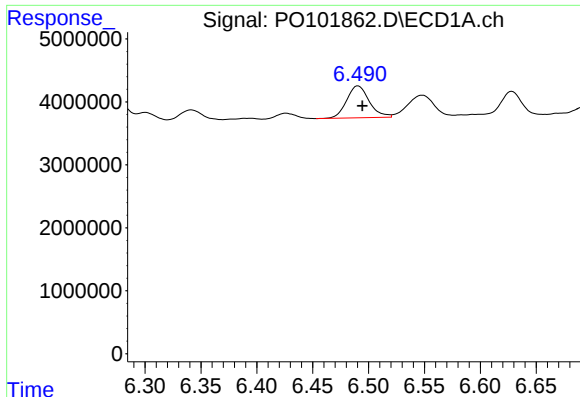
#26 AR-1254-1

R.T.: 6.275 min
Delta R.T.: -0.003 min
Response: 4917887
Conc: 44.27 ng/ml



#26 AR-1254-1

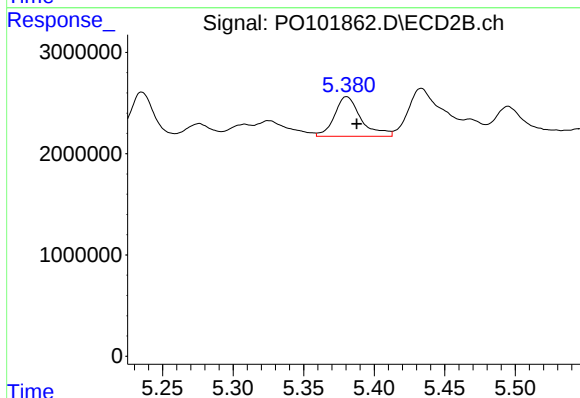
R.T.: 5.235 min
Delta R.T.: -0.007 min
Response: 5002262
Conc: 43.04 ng/ml



#27 AR-1254-2

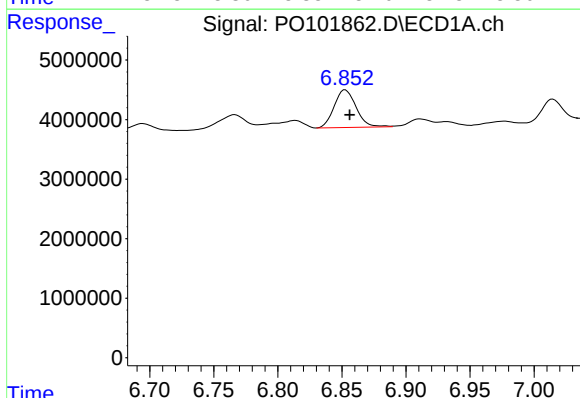
R.T.: 6.491 min
Delta R.T.: -0.004 min
Response: 7141834
Conc: 43.45 ng/ml

Instrument :
ECD_O
ClientSampleId :



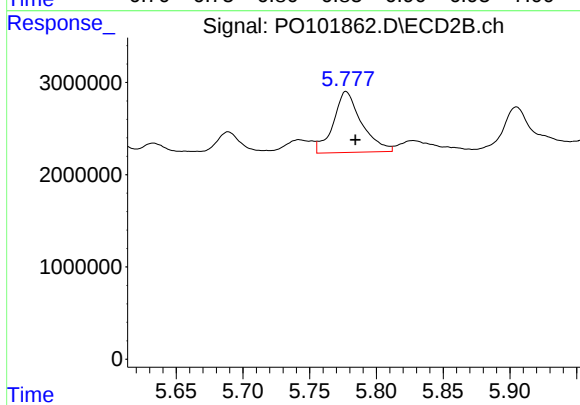
#27 AR-1254-2

R.T.: 5.381 min
Delta R.T.: -0.007 min
Response: 5139550
Conc: 48.62 ng/ml



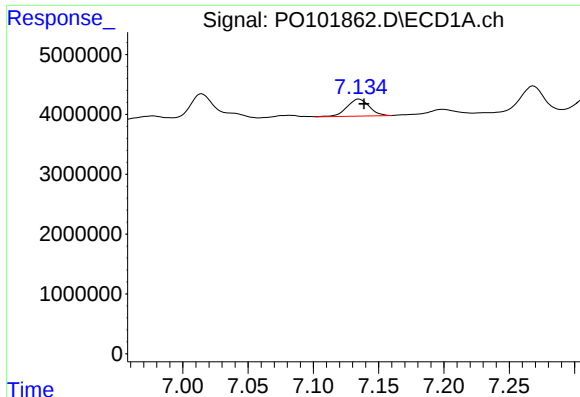
#28 AR-1254-3

R.T.: 6.853 min
Delta R.T.: -0.003 min
Response: 7548968
Conc: 46.89 ng/ml



#28 AR-1254-3

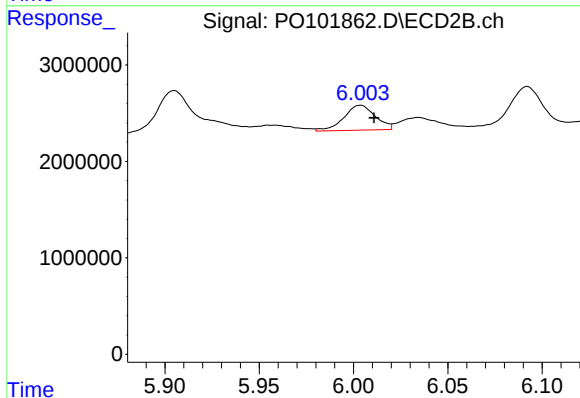
R.T.: 5.777 min
Delta R.T.: -0.007 min
Response: 9727716
Conc: 60.17 ng/ml



#29 AR-1254-4

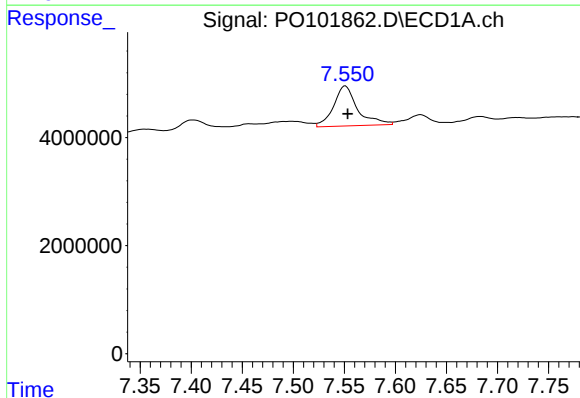
R.T.: 7.135 min
Delta R.T.: -0.004 min
Response: 3371834
Conc: 34.03 ng/ml

Instrument :
ECD_O
ClientSampleId :



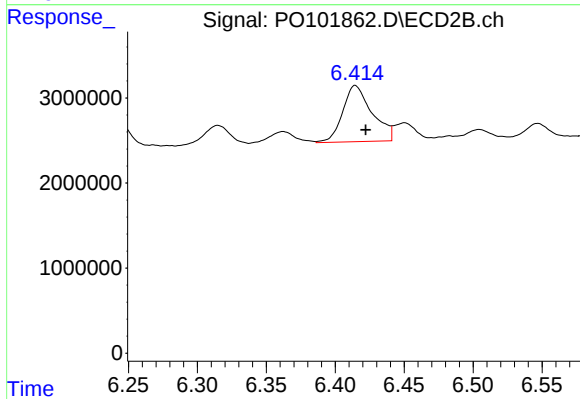
#29 AR-1254-4

R.T.: 6.004 min
Delta R.T.: -0.007 min
Response: 3009424
Conc: 35.79 ng/ml



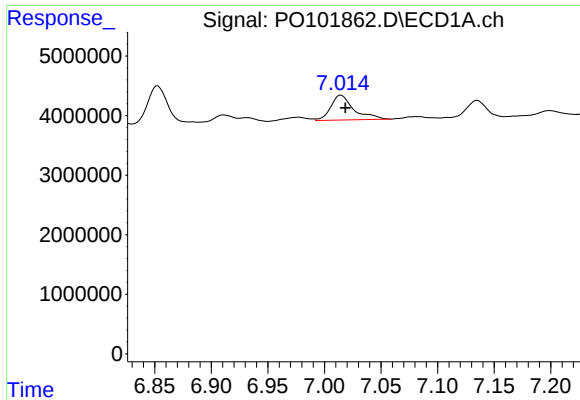
#30 AR-1254-5

R.T.: 7.551 min
Delta R.T.: -0.002 min
Response: 12075600
Conc: 100.82 ng/ml



#30 AR-1254-5

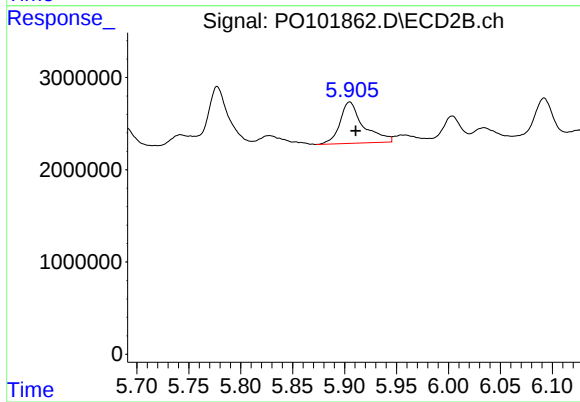
R.T.: 6.415 min
Delta R.T.: -0.008 min
Response: 9783446
Conc: 73.02 ng/ml



#31 AR-1260-1

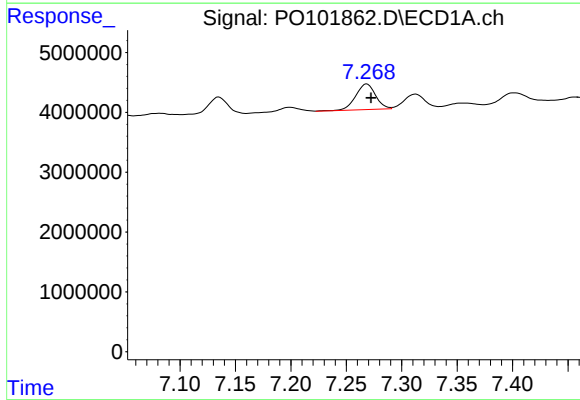
R.T.: 7.015 min
Delta R.T.: -0.004 min
Response: 5928616
Conc: 45.17 ng/ml

Instrument :
ECD_O
ClientSampleId :



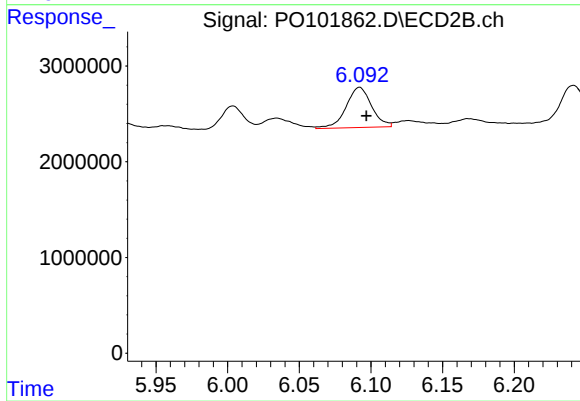
#31 AR-1260-1

R.T.: 5.905 min
Delta R.T.: -0.006 min
Response: 7007982
Conc: 56.76 ng/ml



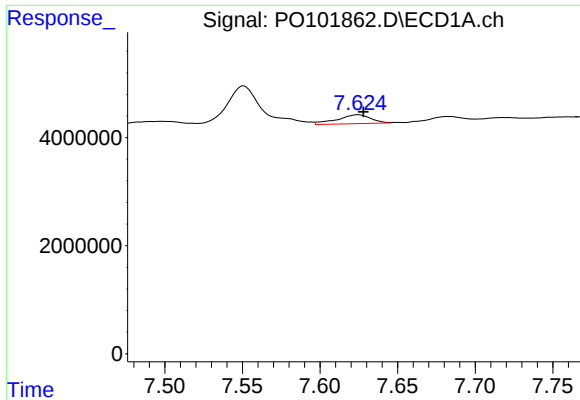
#32 AR-1260-2

R.T.: 7.269 min
Delta R.T.: -0.004 min
Response: 5334097
Conc: 37.42 ng/ml



#32 AR-1260-2

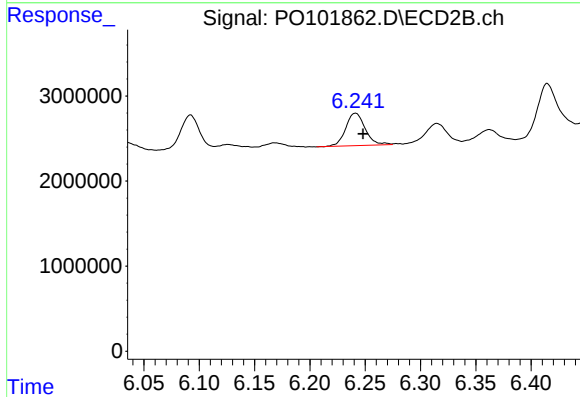
R.T.: 6.092 min
Delta R.T.: -0.005 min
Response: 5190217
Conc: 35.95 ng/ml



#33 AR-1260-3

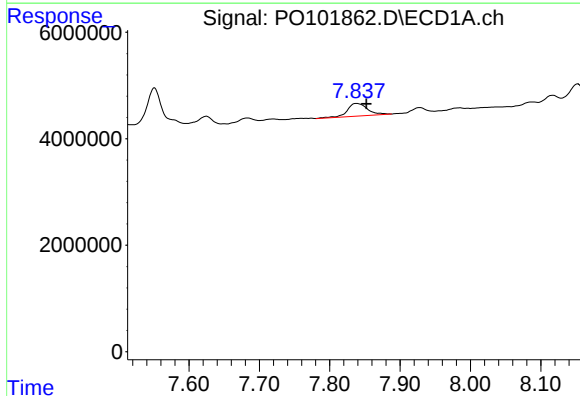
R.T.: 7.625 min
Delta R.T.: -0.003 min
Response: 2466373
Conc: 23.42 ng/ml

Instrument :
ECD_O
ClientSampleId :



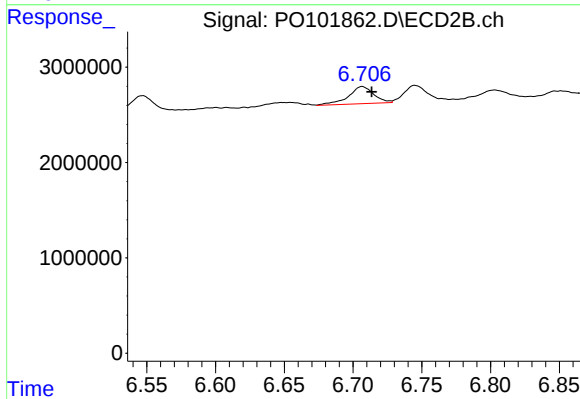
#33 AR-1260-3

R.T.: 6.241 min
Delta R.T.: -0.007 min
Response: 4675644
Conc: 35.77 ng/ml



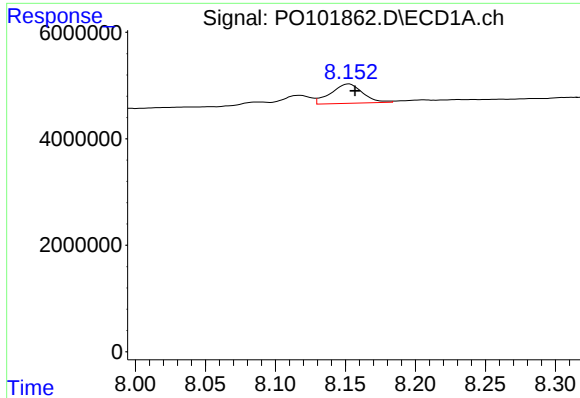
#34 AR-1260-4

R.T.: 7.838 min
Delta R.T.: -0.014 min
Response: 4791823
Conc: 42.90 ng/ml



#34 AR-1260-4

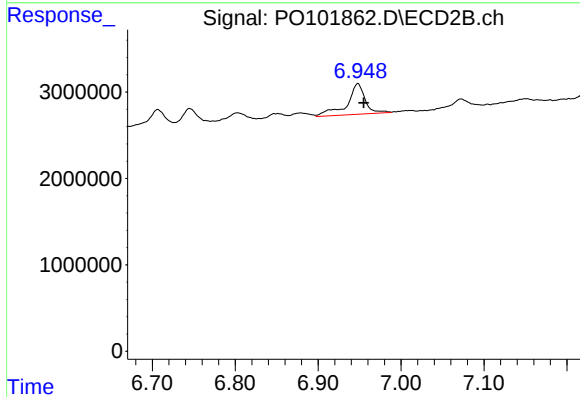
R.T.: 6.707 min
Delta R.T.: -0.007 min
Response: 2309279
Conc: 20.94 ng/ml



#35 AR-1260-5

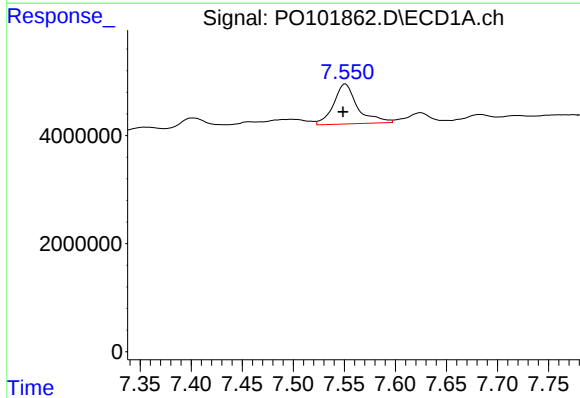
R.T.: 8.152 min
Delta R.T.: -0.004 min
Response: 5766608
Conc: 26.28 ng/ml

Instrument :
ECD_O
ClientSampleId :



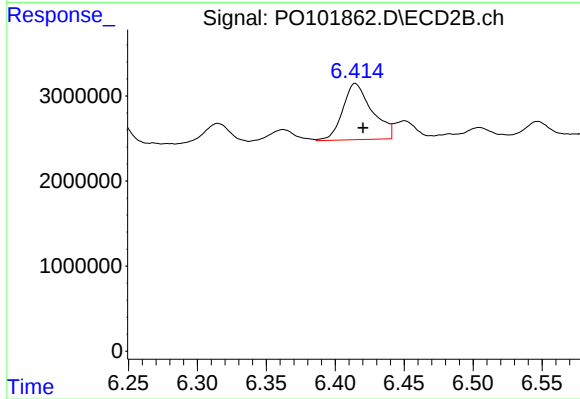
#35 AR-1260-5

R.T.: 6.948 min
Delta R.T.: -0.007 min
Response: 5399164
Conc: 22.84 ng/ml



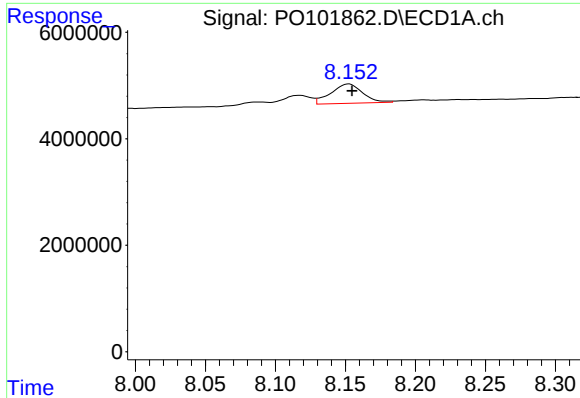
#36 AR-1262-1

R.T.: 7.551 min
Delta R.T.: 0.002 min
Response: 12075600
Conc: 100.05 ng/ml



#36 AR-1262-1

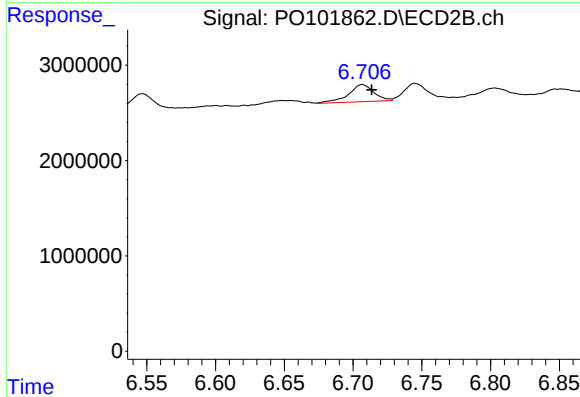
R.T.: 6.415 min
Delta R.T.: -0.006 min
Response: 9783446
Conc: 116.68 ng/ml



#37 AR-1262-2

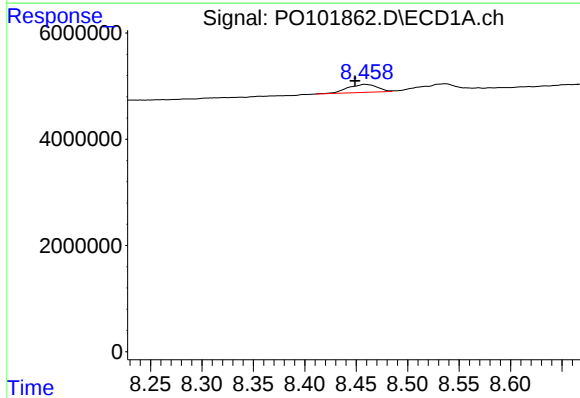
R.T.: 8.152 min
Delta R.T.: -0.002 min
Response: 5766608
Conc: 18.72 ng/ml

Instrument :
ECD_O
ClientSampleId :



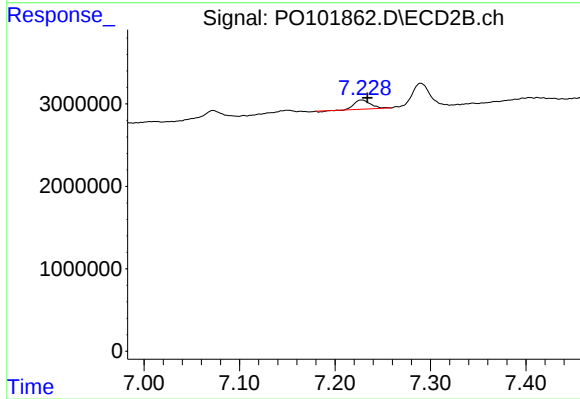
#37 AR-1262-2

R.T.: 6.707 min
Delta R.T.: -0.007 min
Response: 2309279
Conc: 15.18 ng/ml



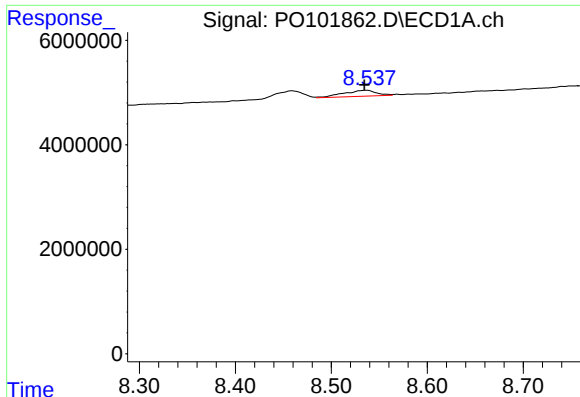
#38 AR-1262-3

R.T.: 8.459 min
Delta R.T.: 0.010 min
Response: 3037445
Conc: 14.39 ng/ml



#38 AR-1262-3

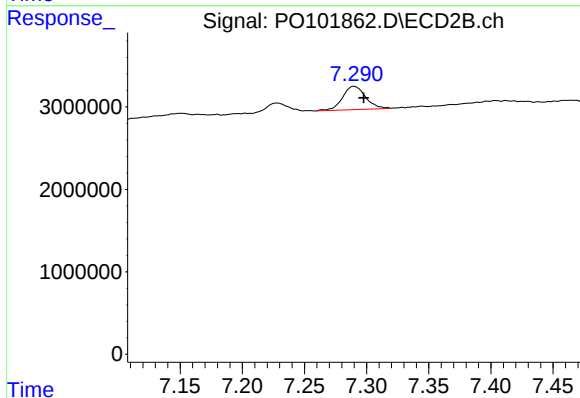
R.T.: 7.228 min
Delta R.T.: -0.006 min
Response: 1294432
Conc: 10.94 ng/ml



#39 AR-1262-4

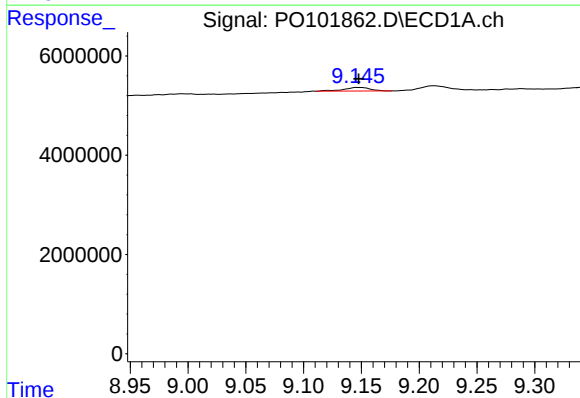
R.T.: 8.537 min
Delta R.T.: 0.003 min
Response: 2686636
Conc: 15.63 ng/ml

Instrument :
ECD_O
ClientSampleId :



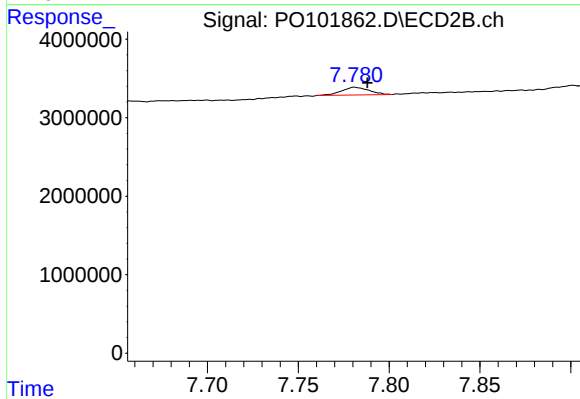
#39 AR-1262-4

R.T.: 7.290 min
Delta R.T.: -0.008 min
Response: 3652712
Conc: 17.00 ng/ml



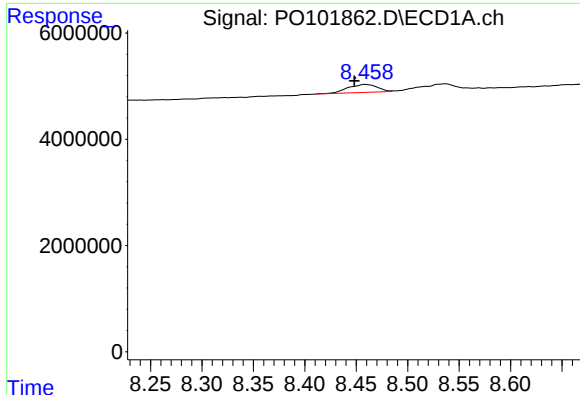
#40 AR-1262-5

R.T.: 9.147 min
Delta R.T.: -0.001 min
Response: 1136500
Conc: 11.02 ng/ml



#40 AR-1262-5

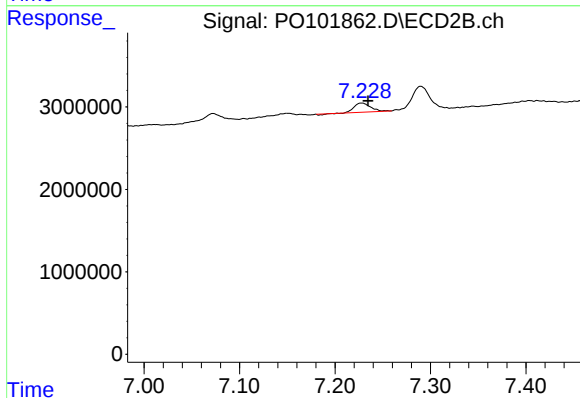
R.T.: 7.781 min
Delta R.T.: -0.007 min
Response: 1043120
Conc: 11.56 ng/ml



#41 AR-1268-1

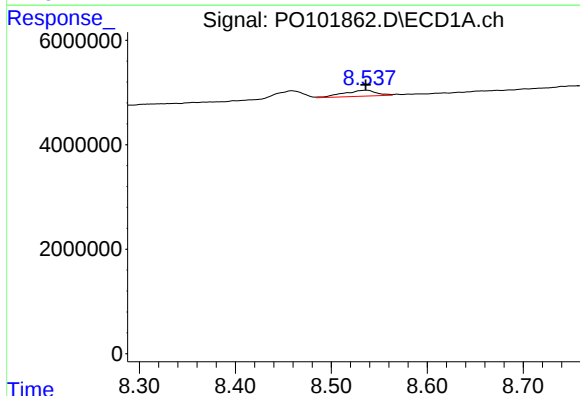
R.T.: 8.459 min
Delta R.T.: 0.011 min
Response: 3037445
Conc: 8.82 ng/ml

Instrument :
ECD_O
ClientSampleId :



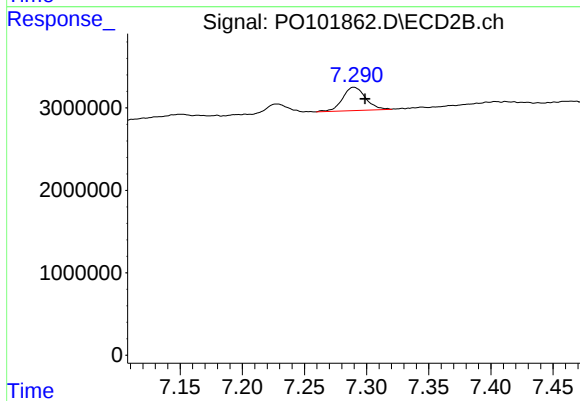
#41 AR-1268-1

R.T.: 7.228 min
Delta R.T.: -0.007 min
Response: 1294432
Conc: 4.17 ng/ml



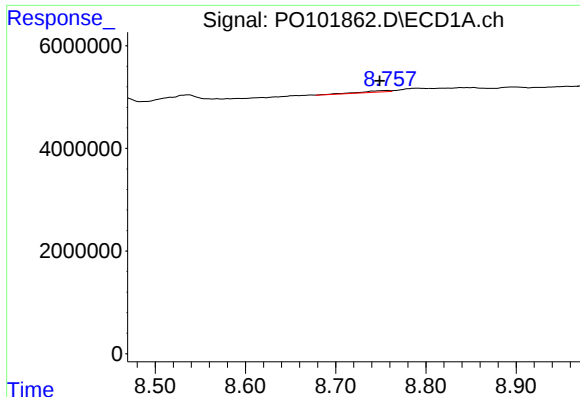
#42 AR-1268-2

R.T.: 8.537 min
Delta R.T.: 0.000 min
Response: 2686636
Conc: 8.08 ng/ml



#42 AR-1268-2

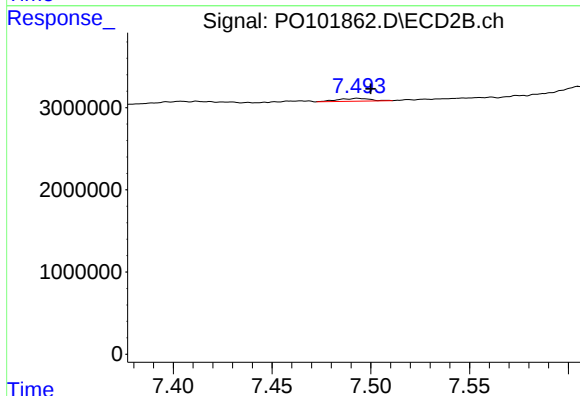
R.T.: 7.290 min
Delta R.T.: -0.009 min
Response: 3652712
Conc: 12.90 ng/ml



#43 AR-1268-3

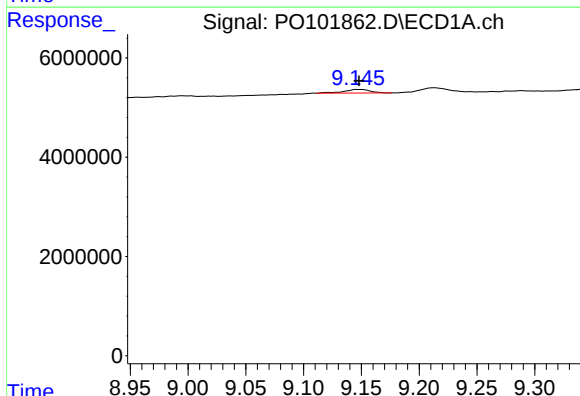
R.T.: 8.758 min
Delta R.T.: 0.009 min
Response: 637713
Conc: 2.33 ng/ml

Instrument :
ECD_O
ClientSampleId :



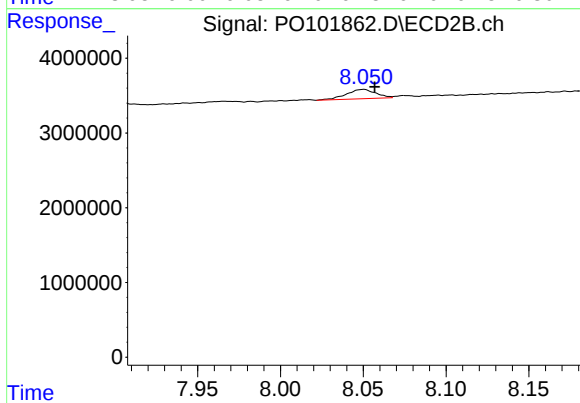
#43 AR-1268-3

R.T.: 7.493 min
Delta R.T.: -0.006 min
Response: 381072
Conc: 1.61 ng/ml



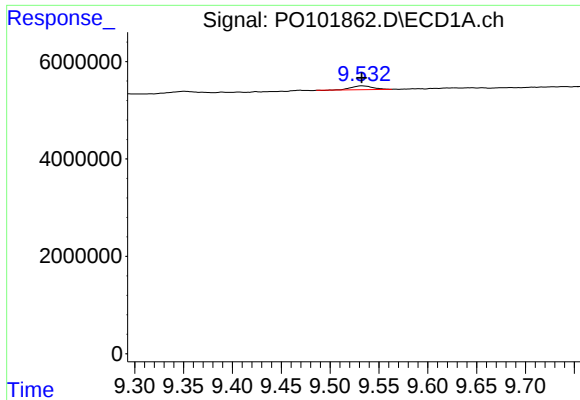
#44 AR-1268-4

R.T.: 9.147 min
Delta R.T.: -0.001 min
Response: 1136500
Conc: 11.35 ng/ml



#44 AR-1268-4

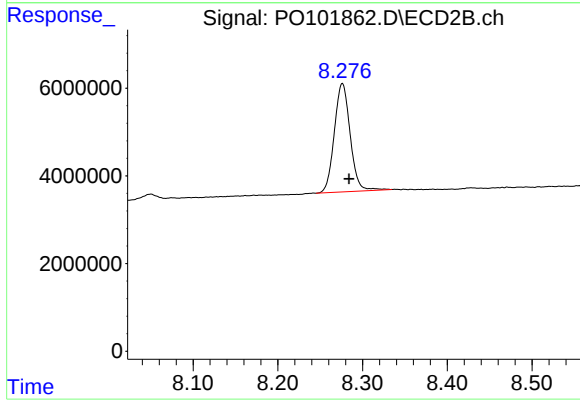
R.T.: 8.050 min
Delta R.T.: -0.007 min
Response: 1553045
Conc: 2.16 ng/ml



#45 AR-1268-5

R.T.: 9.533 min
Delta R.T.: 0.000 min
Response: 1243037
Conc: 1.42 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.276 min
Delta R.T.: -0.008 min
Response: 32139584
Conc: 93.96 ng/ml