

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0042825\
 Data File : P0110833.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Apr 2025 03:44
 Operator : YP/AJ
 Sample : Q1896-01
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 29 06:10:01 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0041025.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Apr 11 02:12:41 2025
 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...	3.686	3.683	131.7E6	74136148	15.054	14.858
2)	SA Decachlor...	8.727	8.678	104.5E6	25504887	13.233	13.249
Target Compounds							
3)	L1 AR-1016-1	4.783	4.769	5203424	4224154	15.857	24.068 #
4)	L1 AR-1016-2	4.783	4.769	5203424	4224154	11.437	16.798 #
5)	L1 AR-1016-3	4.831	4.957	2412097	1072687	7.479	7.904
6)	L1 AR-1016-4	4.975	4.998	2446590	14345704	9.819	125.435 #
7)	L1 AR-1016-5	5.227	5.209	17293272	9446096	64.284	63.365
8)	L2 AR-1221-1	3.907	3.901	6517830	3630979	55.220	54.379
9)	L2 AR-1221-2	3.973	3.967	10291528	5520794	116.494	110.204
10)	L2 AR-1221-3	4.061	4.055	1240203	685359	4.713	4.594
11)	L3 AR-1232-1	4.061	4.055	1240203	685359	6.055	5.958
12)	L3 AR-1232-2	4.555	4.769	2223855	4224154	20.840	38.101 #
13)	L3 AR-1232-3	4.783	4.957	5203424	1072687	26.046	18.752 #
14)	L3 AR-1232-4	4.975	5.039	2446590	4234124	23.916	78.477 #
15)	L3 AR-1232-5	5.014	5.209	26260995	9446096	381.133	165.327 #
16)	L4 AR-1242-1	4.783	4.769	5203424	4224154	18.749	28.255 #
17)	L4 AR-1242-2	4.783	4.769	5203424	4224154	13.488	19.798 #
18)	L4 AR-1242-3	4.831	4.957	2412097	1072687	8.670	9.281
19)	L4 AR-1242-4	4.975	5.039	2446590	4234124	11.575	35.255 #
20)	L4 AR-1242-5	5.623	5.561	13716439	44411873	60.587	306.084 #
21)	L5 AR-1248-1	4.783	4.769	5203424	4224154	24.448	36.690 #
22)	L5 AR-1248-2	5.014	4.998	26260995	14345704	88.742	88.074
23)	L5 AR-1248-3	5.227	5.039	17293272	4234124	46.743	24.077 #
24)	L5 AR-1248-4	5.582	5.209	81438817	9446096	156.604	46.377 #
25)	L5 AR-1248-5	5.623	5.602	13716439	7639084	37.129	38.699
26)	L6 AR-1254-1	5.582	5.561	81438817	44411873	145.951	147.303
27)	L6 AR-1254-2	5.732	5.709	83483761	45081774	171.882	170.322
28)	L6 AR-1254-3	6.136	6.111	151.6E6	79203109	193.497	196.331
29)	L6 AR-1254-4	6.365	6.339	93362136	46430468	191.471	202.124
30)	L6 AR-1254-5	6.785	6.756	143.1E6	70184081	204.196	211.212
31)	L7 AR-1260-1	6.268	6.242	78787263	40935322	166.765	166.428
32)	L7 AR-1260-2	6.457	6.429	65743972	32069460	112.110	109.921
33)	L7 AR-1260-3	6.854	6.580	11701139	31647286	23.741	116.830 #
34)	L7 AR-1260-4	7.083	7.052	10869998	4818559	25.611	24.016
35)	L7 AR-1260-5	7.326	7.293	22684949	9993990	21.740	21.780
36)	L8 AR-1262-1	6.854	6.825	11701139	5868006	16.681	17.818
37)	L8 AR-1262-2	7.326	7.293	22684949	9993990	18.783	19.656
38)	L8 AR-1262-3	7.610	7.576	6988331	1671549	13.727	8.633 #
39)	L8 AR-1262-4	7.671	7.637	24710893	10026265	27.571	28.890
40)	L8 AR-1262-5	8.170	8.132	2846637	697248	7.064	5.596
41)	L9 AR-1268-1	7.610	7.576	6988331	1671549	4.977	3.052 #

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Acq On : 29 Apr 2025 03:44
Operator : YP/AJ
Sample : Q1896-01
Misc :
ALS Vial : 37 Sample Multiplier: 1

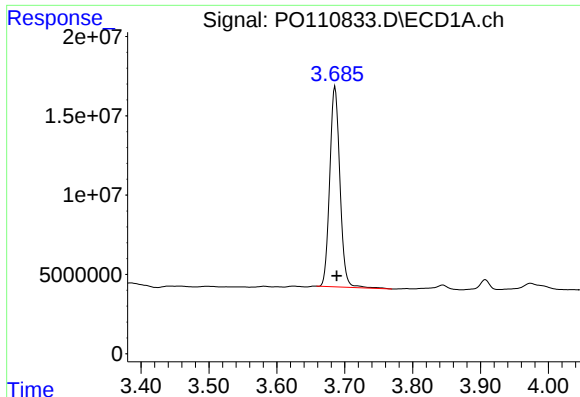
Instrument :
ECD_O
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 29 06:10:01 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 11 02:12:41 2025
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	7.671	7.637	24710893	10026265	19.309	20.154
43)	L9 AR-1268-3	7.877	7.840	686539	661778	0.658	1.781 #
44)	L9 AR-1268-4	8.170	8.132	2846637	697248	6.409	4.940
45)	L9 AR-1268-5	8.467	8.422	1968661	428323	0.611	0.544

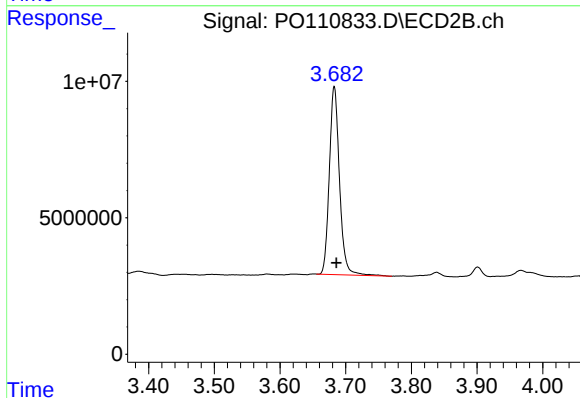
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

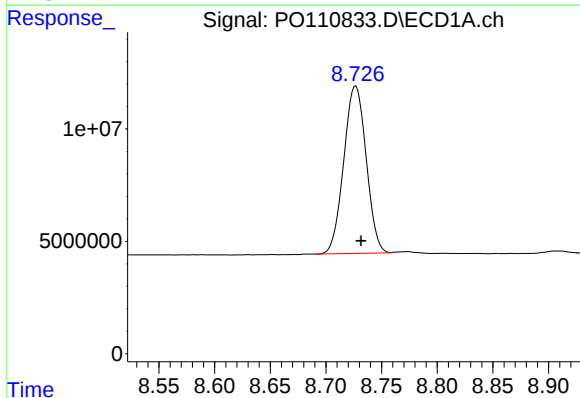
R.T.: 3.686 min
Delta R.T.: -0.002 min
Response: 131706772
Conc: 15.05 ng/ml

Instrument :
ECD_O
ClientSampleId :



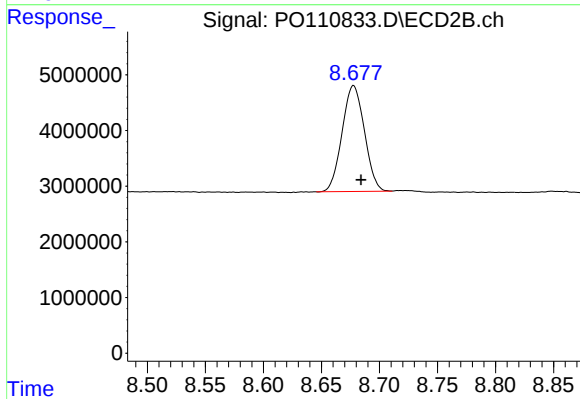
#1 Tetrachloro-m-xylene

R.T.: 3.683 min
Delta R.T.: -0.003 min
Response: 74136148
Conc: 14.86 ng/ml



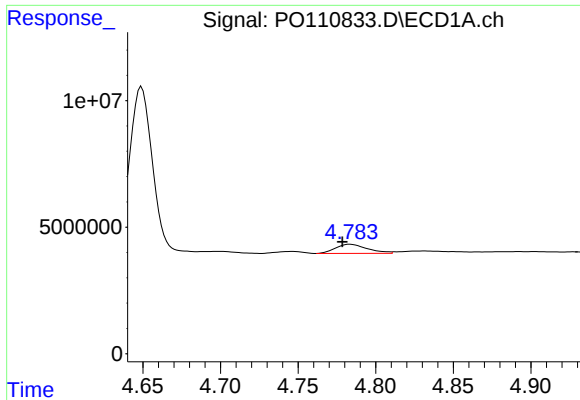
#2 Decachlorobiphenyl

R.T.: 8.727 min
Delta R.T.: -0.005 min
Response: 104472740
Conc: 13.23 ng/ml



#2 Decachlorobiphenyl

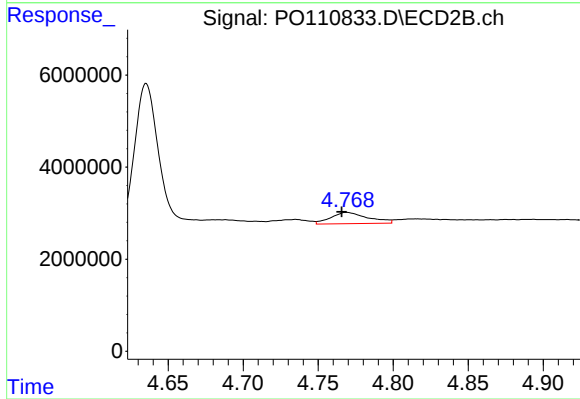
R.T.: 8.678 min
Delta R.T.: -0.007 min
Response: 25504887
Conc: 13.25 ng/ml



#3 AR-1016-1

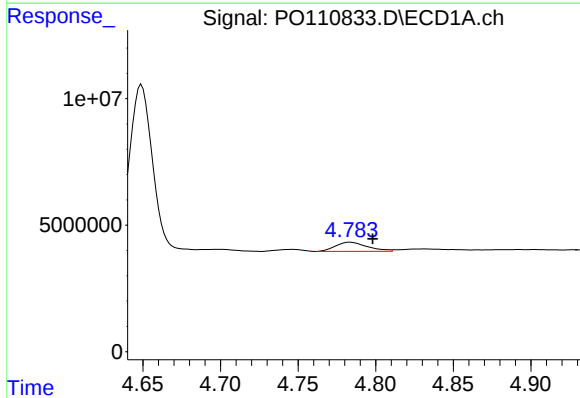
R.T.: 4.783 min
Delta R.T.: 0.005 min
Response: 5203424
Conc: 15.86 ng/ml

Instrument :
ECD_O
ClientSampleId :



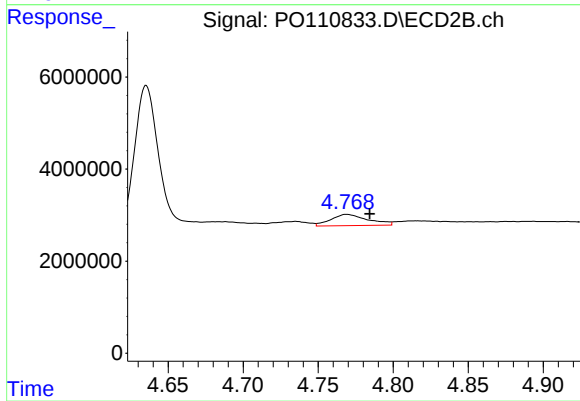
#3 AR-1016-1

R.T.: 4.769 min
Delta R.T.: 0.003 min
Response: 4224154
Conc: 24.07 ng/ml



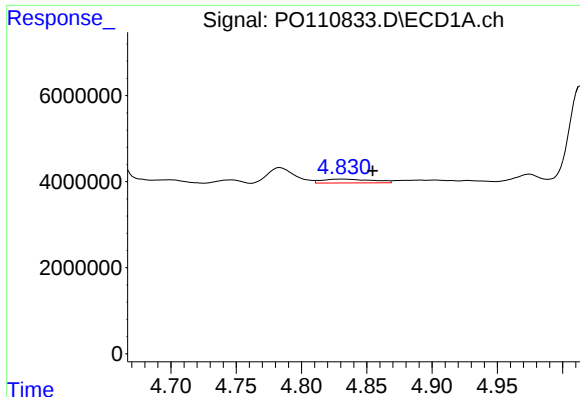
#4 AR-1016-2

R.T.: 4.783 min
Delta R.T.: -0.015 min
Response: 5203424
Conc: 11.44 ng/ml



#4 AR-1016-2

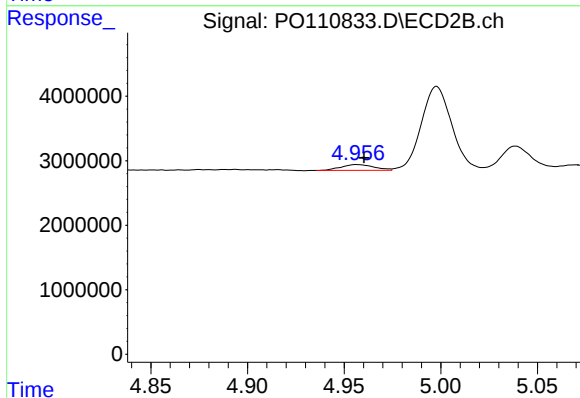
R.T.: 4.769 min
Delta R.T.: -0.015 min
Response: 4224154
Conc: 16.80 ng/ml



#5 AR-1016-3

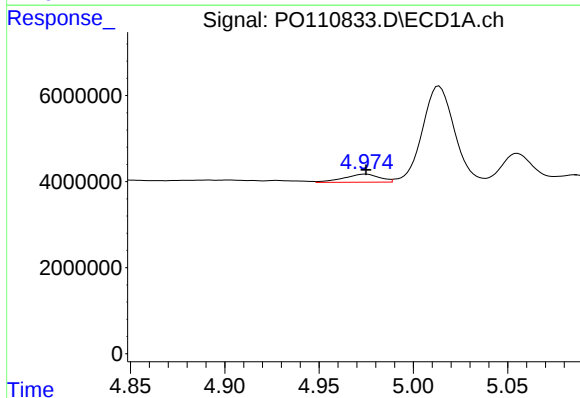
R.T.: 4.831 min
Delta R.T.: -0.023 min
Response: 2412097
Conc: 7.48 ng/ml

Instrument :
ECD_O
ClientSampleId :



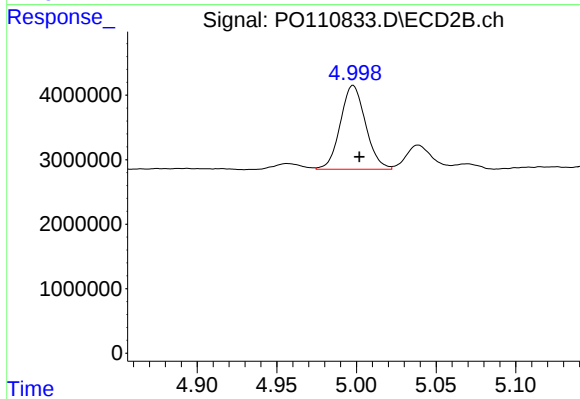
#5 AR-1016-3

R.T.: 4.957 min
Delta R.T.: -0.004 min
Response: 1072687
Conc: 7.90 ng/ml



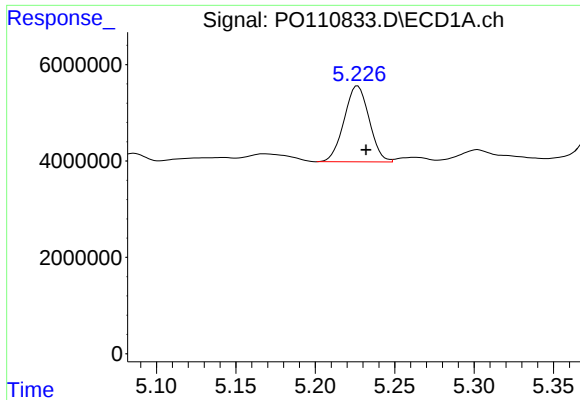
#6 AR-1016-4

R.T.: 4.975 min
Delta R.T.: 0.000 min
Response: 2446590
Conc: 9.82 ng/ml



#6 AR-1016-4

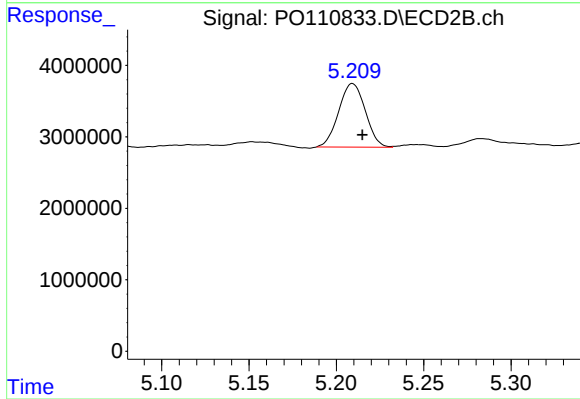
R.T.: 4.998 min
Delta R.T.: -0.004 min
Response: 14345704
Conc: 125.43 ng/ml



#7 AR-1016-5

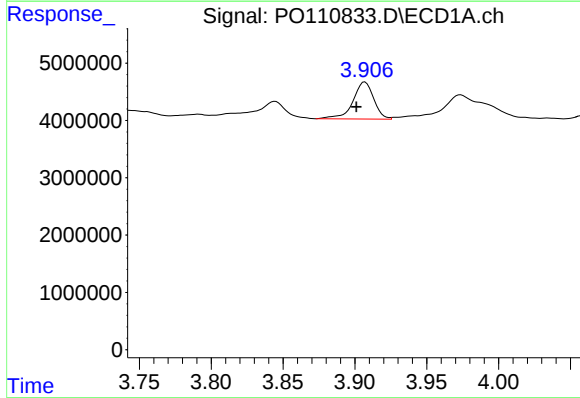
R.T.: 5.227 min
Delta R.T.: -0.005 min
Response: 17293272
Conc: 64.28 ng/ml

Instrument :
ECD_O
ClientSampleId :



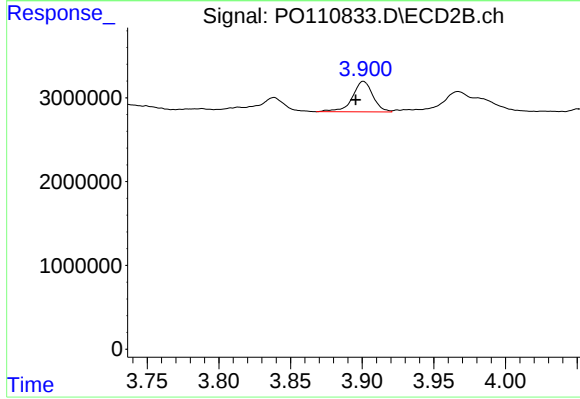
#7 AR-1016-5

R.T.: 5.209 min
Delta R.T.: -0.006 min
Response: 9446096
Conc: 63.37 ng/ml



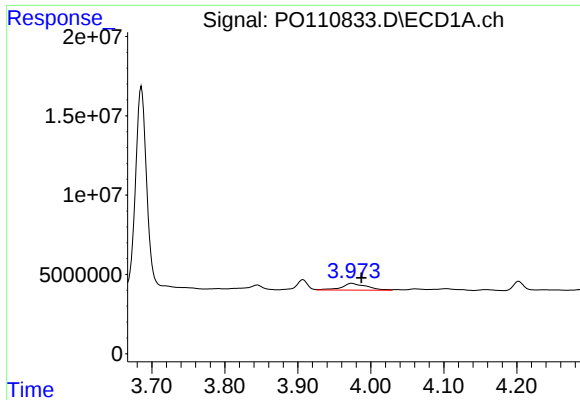
#8 AR-1221-1

R.T.: 3.907 min
Delta R.T.: 0.006 min
Response: 6517830
Conc: 55.22 ng/ml



#8 AR-1221-1

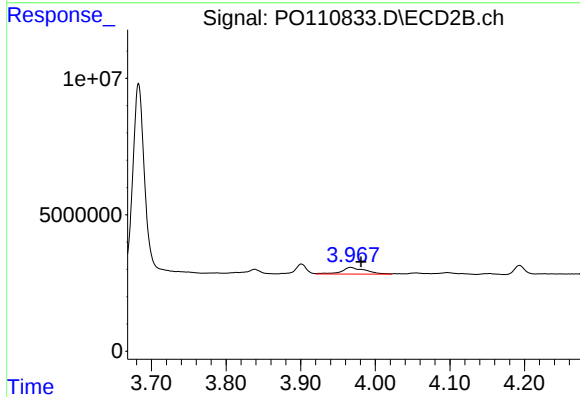
R.T.: 3.901 min
Delta R.T.: 0.005 min
Response: 3630979
Conc: 54.38 ng/ml



#9 AR-1221-2

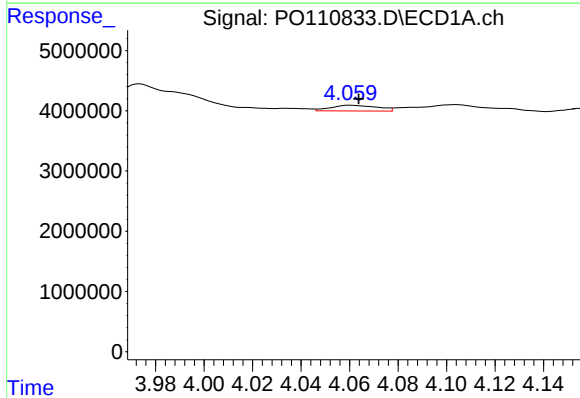
R.T.: 3.973 min
Delta R.T.: -0.014 min
Response: 10291528
Conc: 116.49 ng/ml

Instrument :
ECD_O
ClientSampleId :



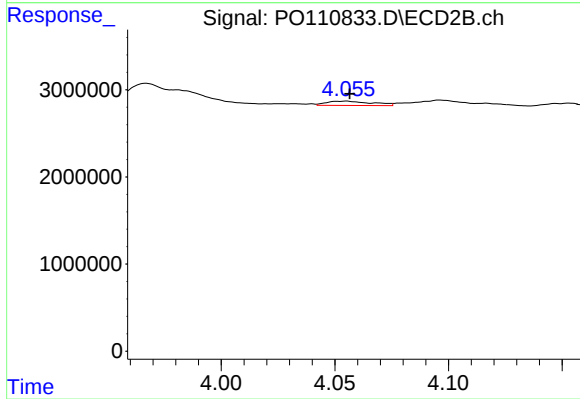
#9 AR-1221-2

R.T.: 3.967 min
Delta R.T.: -0.014 min
Response: 5520794
Conc: 110.20 ng/ml



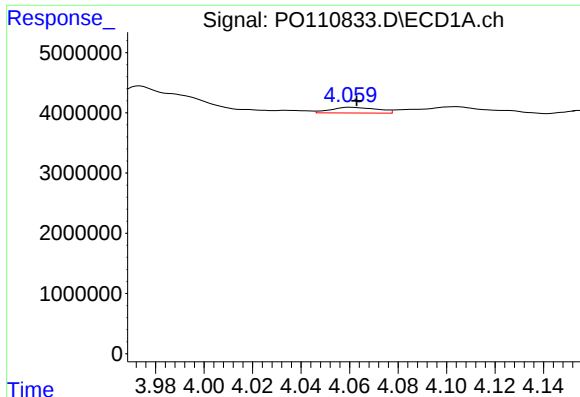
#10 AR-1221-3

R.T.: 4.061 min
Delta R.T.: -0.003 min
Response: 1240203
Conc: 4.71 ng/ml



#10 AR-1221-3

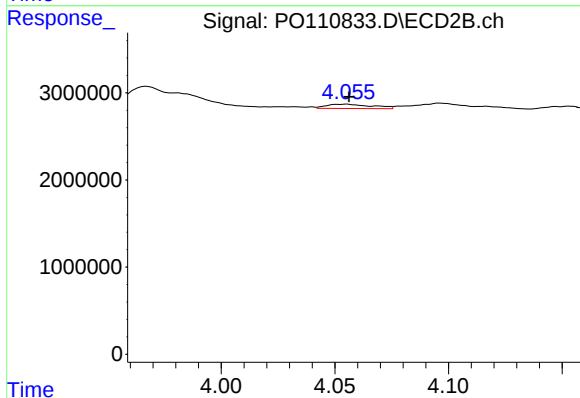
R.T.: 4.055 min
Delta R.T.: -0.002 min
Response: 685359
Conc: 4.59 ng/ml



#11 AR-1232-1

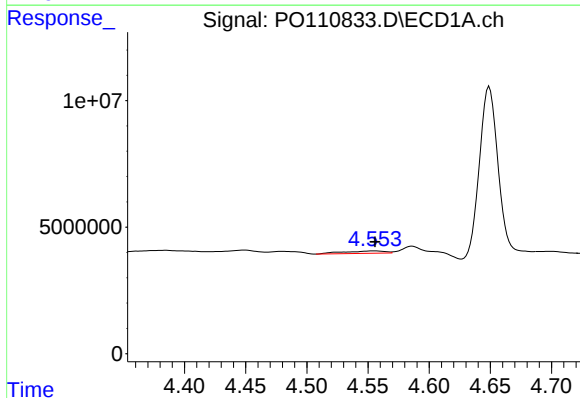
R.T.: 4.061 min
Delta R.T.: -0.002 min
Response: 1240203
Conc: 6.05 ng/ml

Instrument :
ECD_O
ClientSampleId :



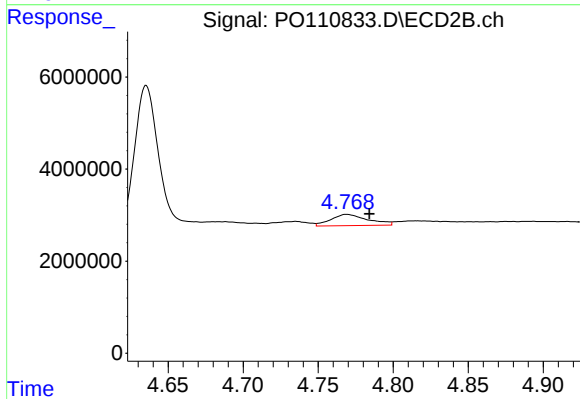
#11 AR-1232-1

R.T.: 4.055 min
Delta R.T.: -0.001 min
Response: 685359
Conc: 5.96 ng/ml



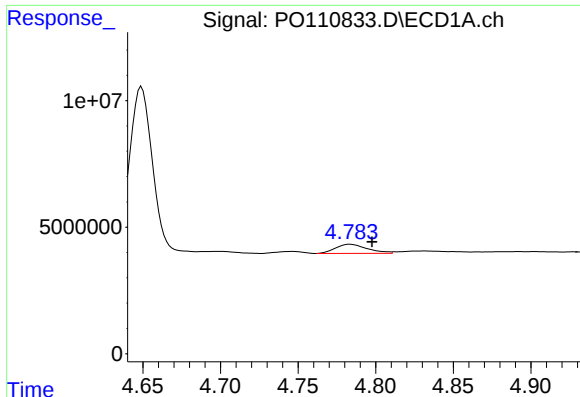
#12 AR-1232-2

R.T.: 4.555 min
Delta R.T.: 0.000 min
Response: 2223855
Conc: 20.84 ng/ml



#12 AR-1232-2

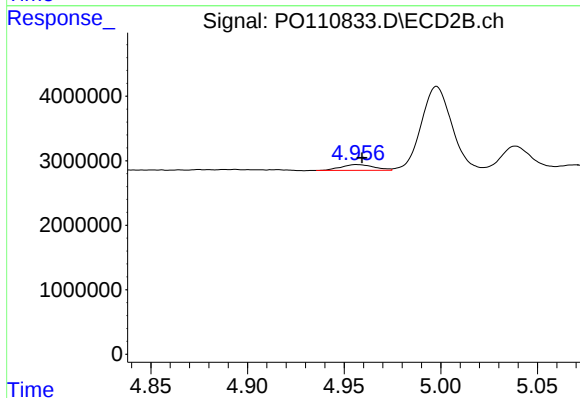
R.T.: 4.769 min
Delta R.T.: -0.015 min
Response: 4224154
Conc: 38.10 ng/ml



#13 AR-1232-3

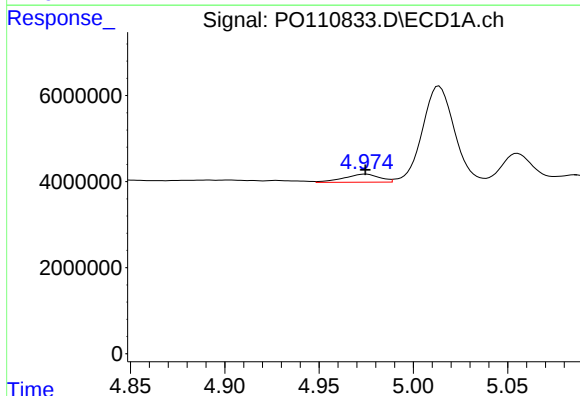
R.T.: 4.783 min
Delta R.T.: -0.014 min
Response: 5203424
Conc: 26.05 ng/ml

Instrument :
ECD_O
ClientSampleId :



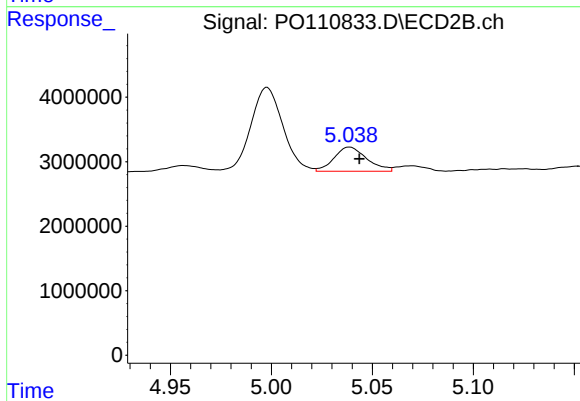
#13 AR-1232-3

R.T.: 4.957 min
Delta R.T.: -0.003 min
Response: 1072687
Conc: 18.75 ng/ml



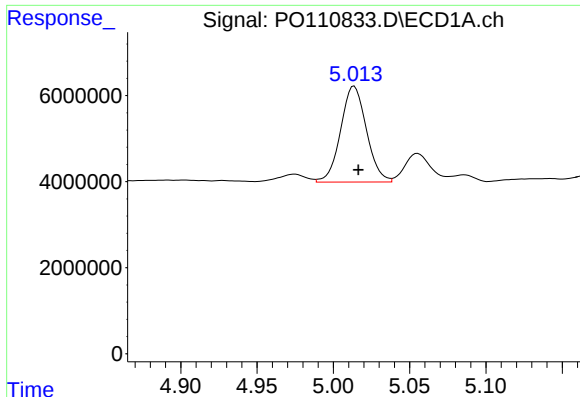
#14 AR-1232-4

R.T.: 4.975 min
Delta R.T.: 0.000 min
Response: 2446590
Conc: 23.92 ng/ml



#14 AR-1232-4

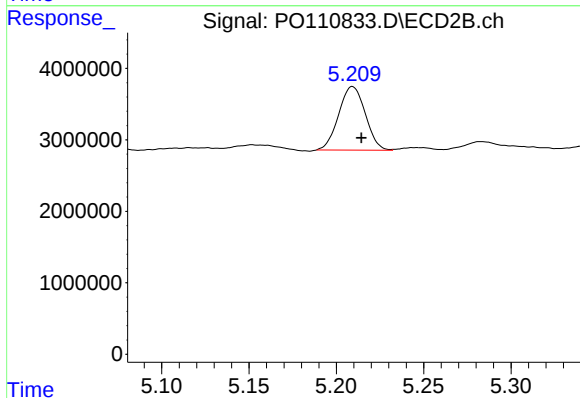
R.T.: 5.039 min
Delta R.T.: -0.005 min
Response: 4234124
Conc: 78.48 ng/ml



#15 AR-1232-5

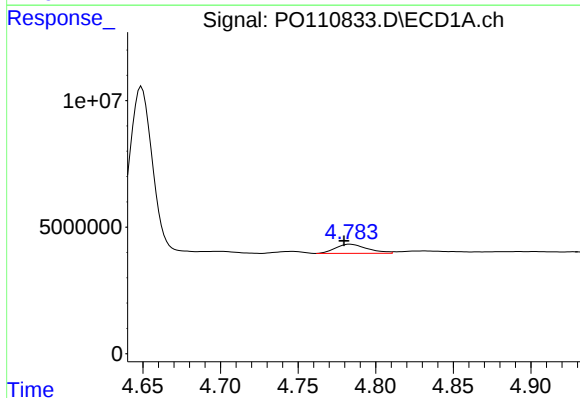
R.T.: 5.014 min
Delta R.T.: -0.003 min
Response: 26260995
Conc: 381.13 ng/ml

Instrument :
ECD_O
ClientSampleId :



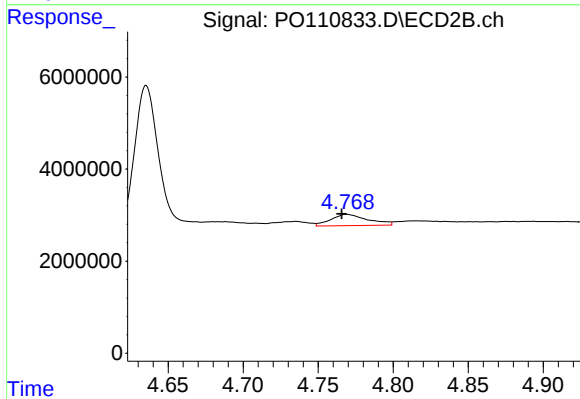
#15 AR-1232-5

R.T.: 5.209 min
Delta R.T.: -0.005 min
Response: 9446096
Conc: 165.33 ng/ml



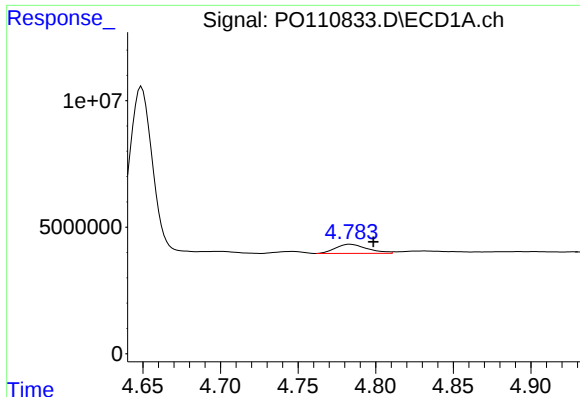
#16 AR-1242-1

R.T.: 4.783 min
Delta R.T.: 0.004 min
Response: 5203424
Conc: 18.75 ng/ml



#16 AR-1242-1

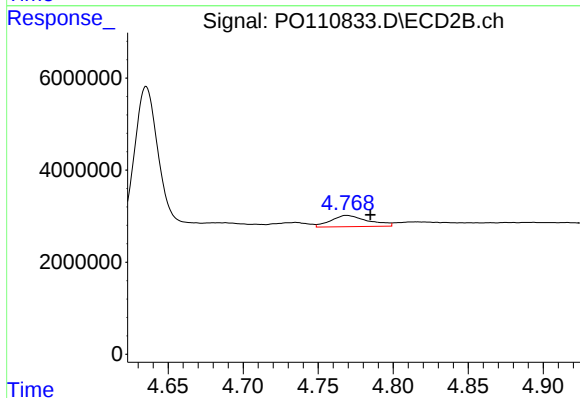
R.T.: 4.769 min
Delta R.T.: 0.003 min
Response: 4224154
Conc: 28.25 ng/ml



#17 AR-1242-2

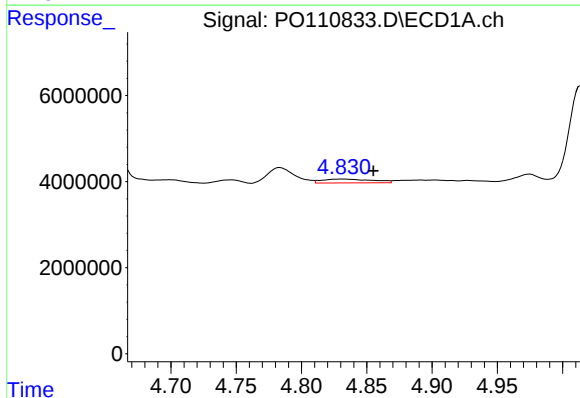
R.T.: 4.783 min
Delta R.T.: -0.015 min
Response: 5203424
Conc: 13.49 ng/ml

Instrument :
ECD_O
ClientSampleId :



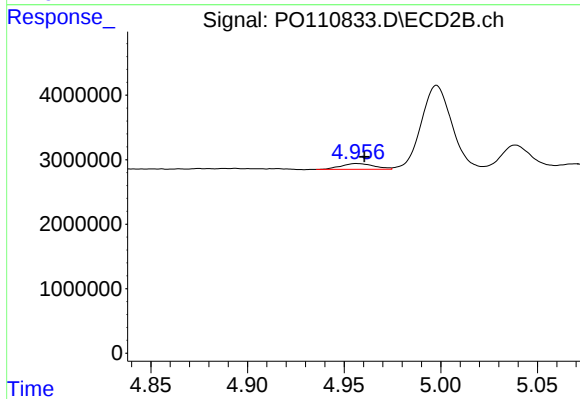
#17 AR-1242-2

R.T.: 4.769 min
Delta R.T.: -0.016 min
Response: 4224154
Conc: 19.80 ng/ml



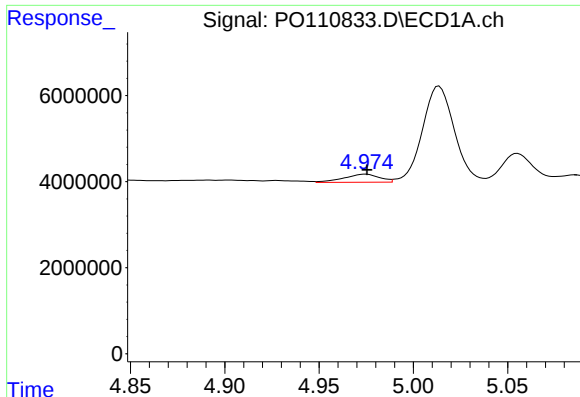
#18 AR-1242-3

R.T.: 4.831 min
Delta R.T.: -0.024 min
Response: 2412097
Conc: 8.67 ng/ml



#18 AR-1242-3

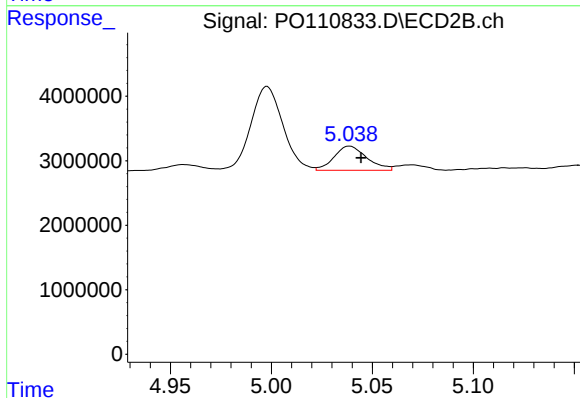
R.T.: 4.957 min
Delta R.T.: -0.004 min
Response: 1072687
Conc: 9.28 ng/ml



#19 AR-1242-4

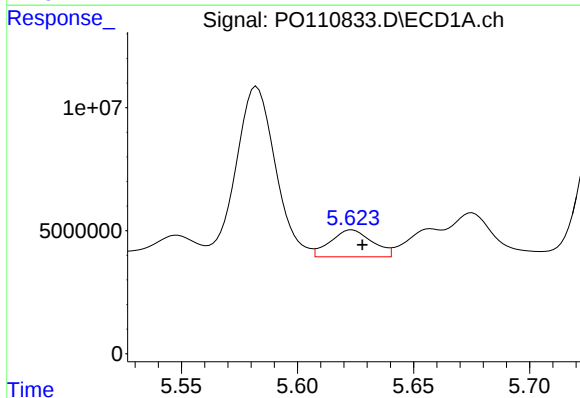
R.T.: 4.975 min
Delta R.T.: -0.001 min
Response: 2446590
Conc: 11.58 ng/ml

Instrument :
ECD_O
ClientSampleId :



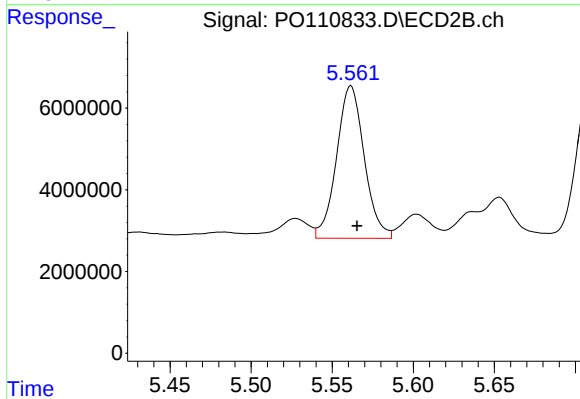
#19 AR-1242-4

R.T.: 5.039 min
Delta R.T.: -0.006 min
Response: 4234124
Conc: 35.26 ng/ml



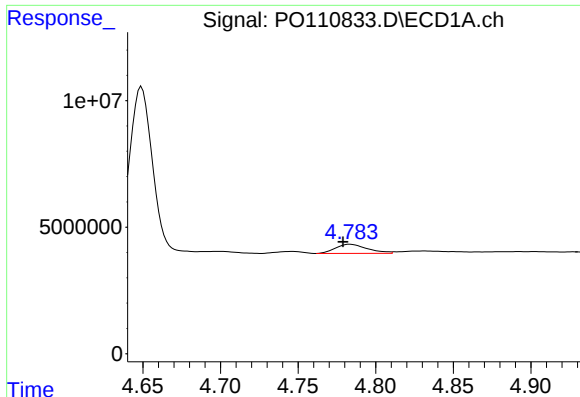
#20 AR-1242-5

R.T.: 5.623 min
Delta R.T.: -0.004 min
Response: 13716439
Conc: 60.59 ng/ml



#20 AR-1242-5

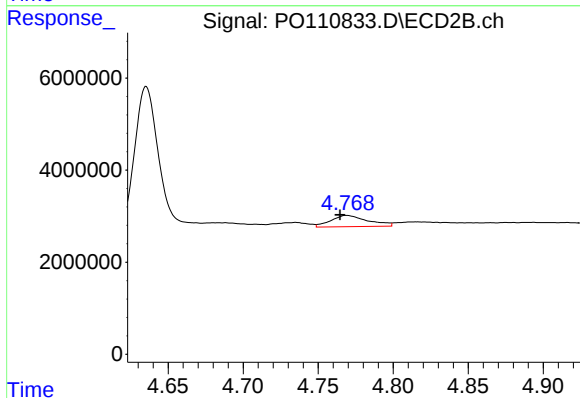
R.T.: 5.561 min
Delta R.T.: -0.004 min
Response: 44411873
Conc: 306.08 ng/ml



#21 AR-1248-1

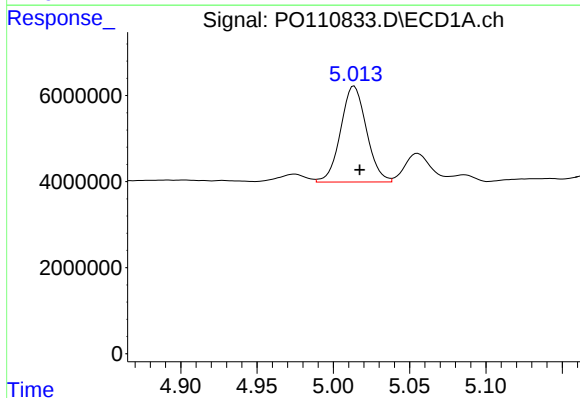
R.T.: 4.783 min
Delta R.T.: 0.005 min
Response: 5203424
Conc: 24.45 ng/ml

Instrument :
ECD_O
ClientSampleId :



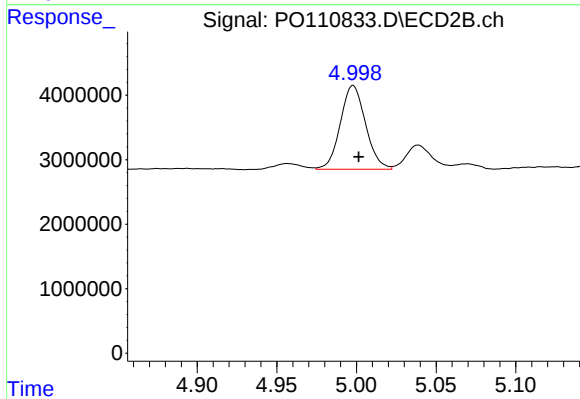
#21 AR-1248-1

R.T.: 4.769 min
Delta R.T.: 0.005 min
Response: 4224154
Conc: 36.69 ng/ml



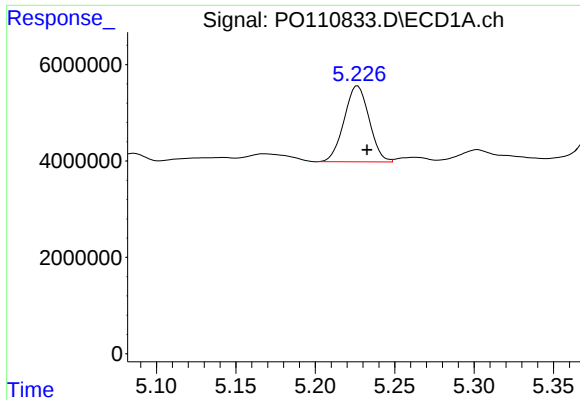
#22 AR-1248-2

R.T.: 5.014 min
Delta R.T.: -0.004 min
Response: 26260995
Conc: 88.74 ng/ml



#22 AR-1248-2

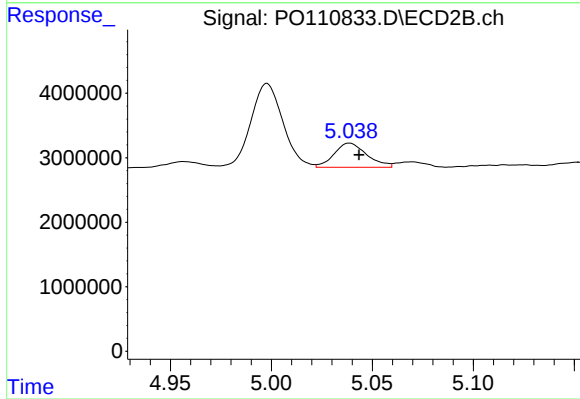
R.T.: 4.998 min
Delta R.T.: -0.004 min
Response: 14345704
Conc: 88.07 ng/ml



#23 AR-1248-3

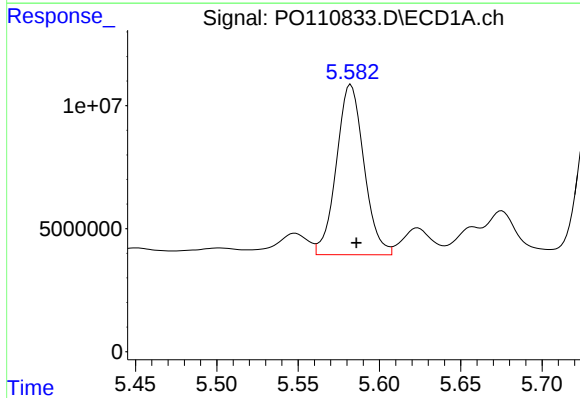
R.T.: 5.227 min
Delta R.T.: -0.006 min
Response: 17293272
Conc: 46.74 ng/ml

Instrument :
ECD_O
ClientSampleId :



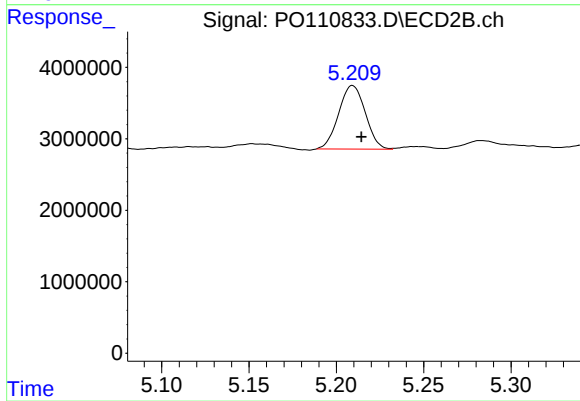
#23 AR-1248-3

R.T.: 5.039 min
Delta R.T.: -0.005 min
Response: 4234124
Conc: 24.08 ng/ml



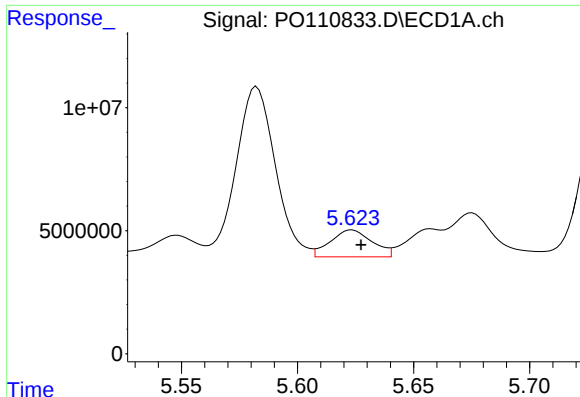
#24 AR-1248-4

R.T.: 5.582 min
Delta R.T.: -0.003 min
Response: 81438817
Conc: 156.60 ng/ml



#24 AR-1248-4

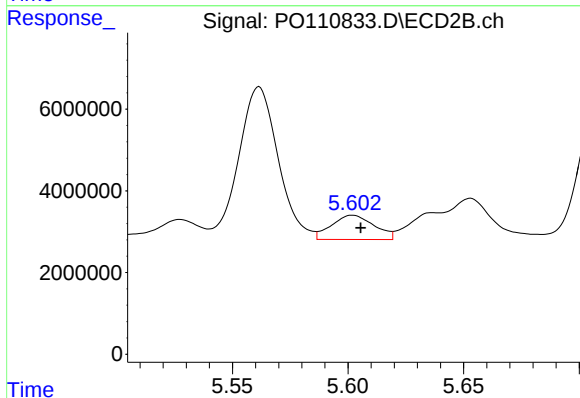
R.T.: 5.209 min
Delta R.T.: -0.005 min
Response: 9446096
Conc: 46.38 ng/ml



#25 AR-1248-5

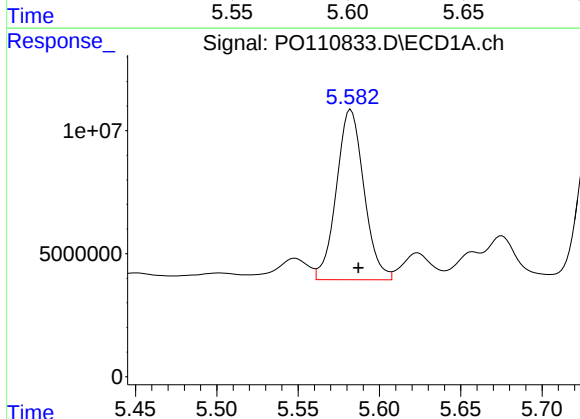
R.T.: 5.623 min
Delta R.T.: -0.004 min
Response: 13716439
Conc: 37.13 ng/ml

Instrument :
ECD_O
ClientSampleId :



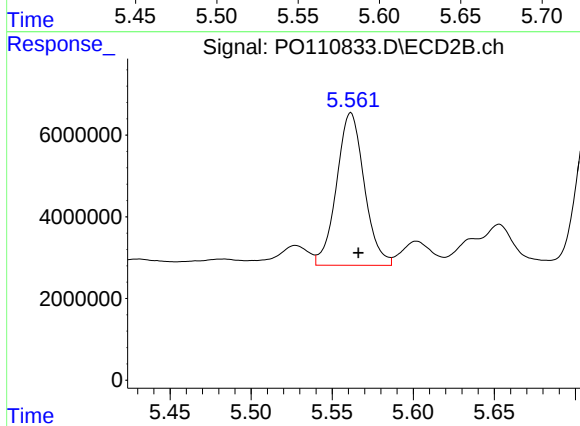
#25 AR-1248-5

R.T.: 5.602 min
Delta R.T.: -0.004 min
Response: 7639084
Conc: 38.70 ng/ml



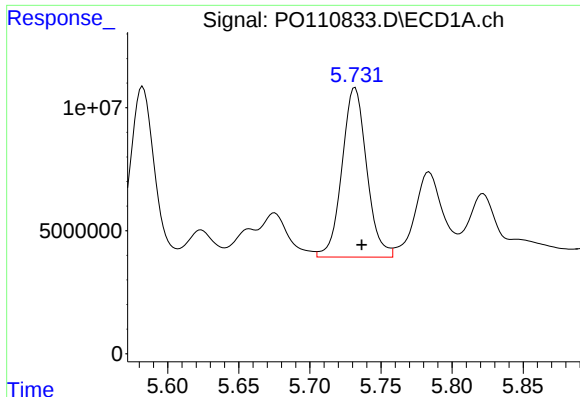
#26 AR-1254-1

R.T.: 5.582 min
Delta R.T.: -0.005 min
Response: 81438817
Conc: 145.95 ng/ml



#26 AR-1254-1

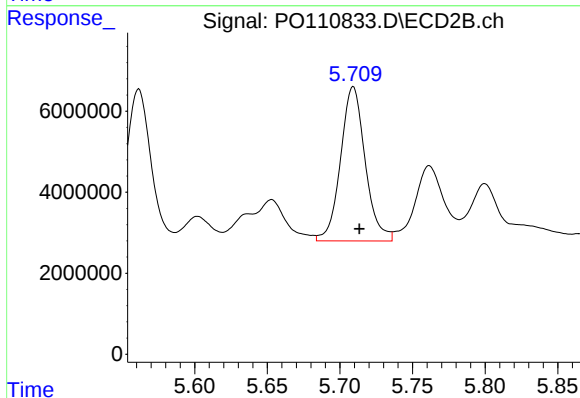
R.T.: 5.561 min
Delta R.T.: -0.005 min
Response: 44411873
Conc: 147.30 ng/ml



#27 AR-1254-2

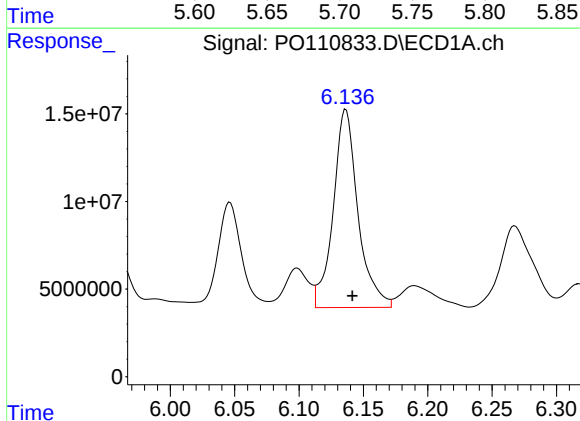
R.T.: 5.732 min
Delta R.T.: -0.005 min
Response: 83483761
Conc: 171.88 ng/ml

Instrument :
ECD_O
ClientSampleId :



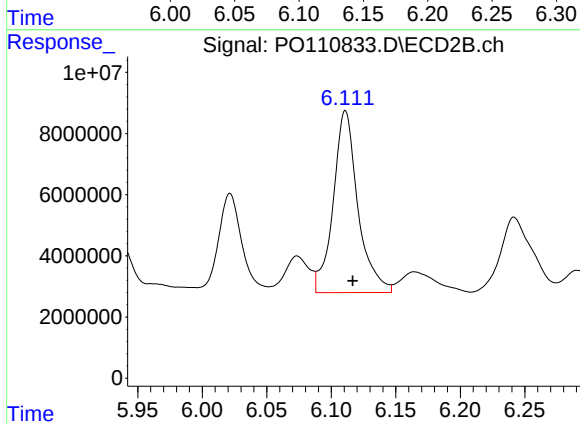
#27 AR-1254-2

R.T.: 5.709 min
Delta R.T.: -0.004 min
Response: 45081774
Conc: 170.32 ng/ml



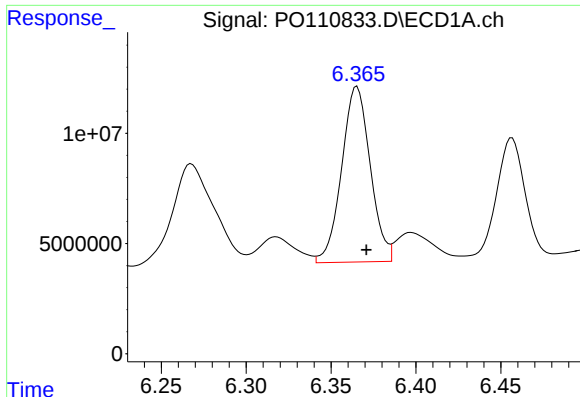
#28 AR-1254-3

R.T.: 6.136 min
Delta R.T.: -0.005 min
Response: 151550791
Conc: 193.50 ng/ml



#28 AR-1254-3

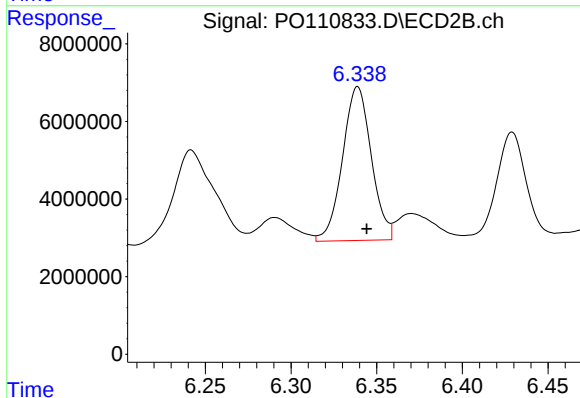
R.T.: 6.111 min
Delta R.T.: -0.006 min
Response: 79203109
Conc: 196.33 ng/ml



#29 AR-1254-4

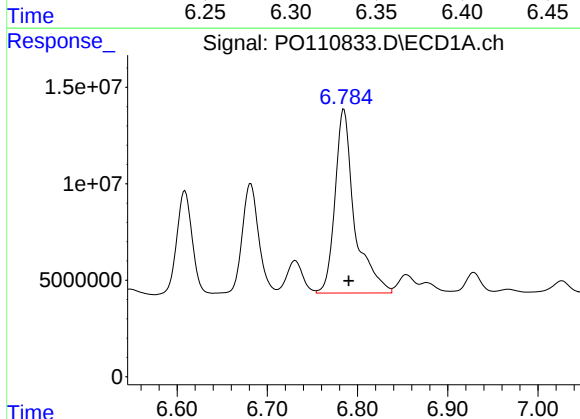
R.T.: 6.365 min
Delta R.T.: -0.006 min
Response: 93362136
Conc: 191.47 ng/ml

Instrument :
ECD_O
ClientSampleId :



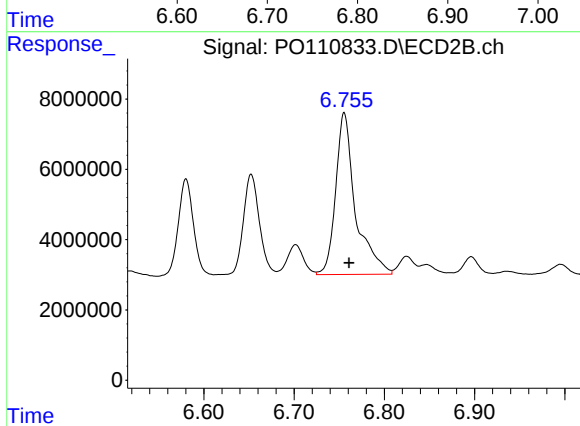
#29 AR-1254-4

R.T.: 6.339 min
Delta R.T.: -0.005 min
Response: 46430468
Conc: 202.12 ng/ml



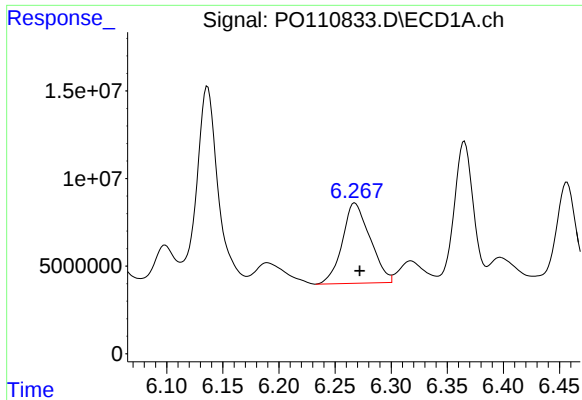
#30 AR-1254-5

R.T.: 6.785 min
Delta R.T.: -0.005 min
Response: 143120770
Conc: 204.20 ng/ml



#30 AR-1254-5

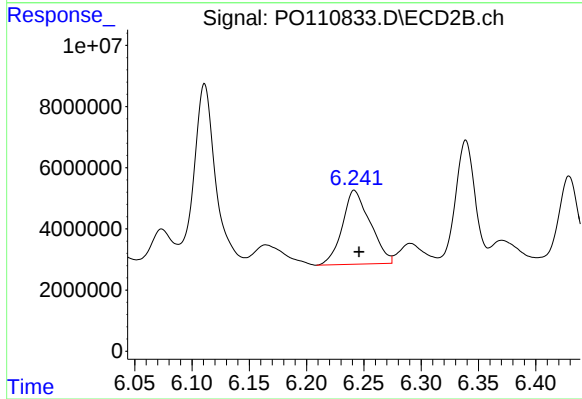
R.T.: 6.756 min
Delta R.T.: -0.005 min
Response: 70184081
Conc: 211.21 ng/ml



#31 AR-1260-1

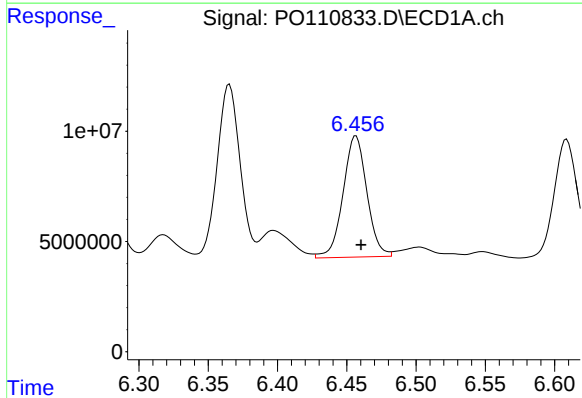
R.T.: 6.268 min
Delta R.T.: -0.004 min
Response: 78787263
Conc: 166.76 ng/ml

Instrument :
ECD_O
ClientSampleId :



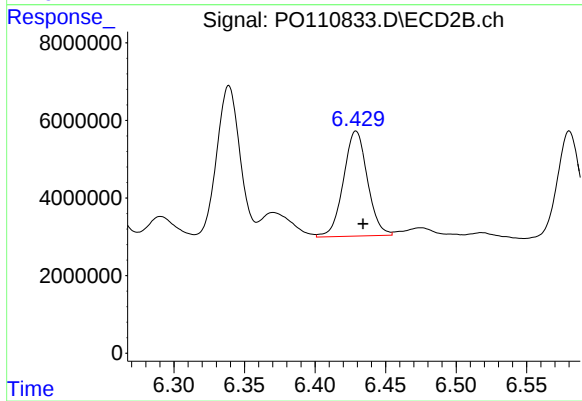
#31 AR-1260-1

R.T.: 6.242 min
Delta R.T.: -0.004 min
Response: 40935322
Conc: 166.43 ng/ml



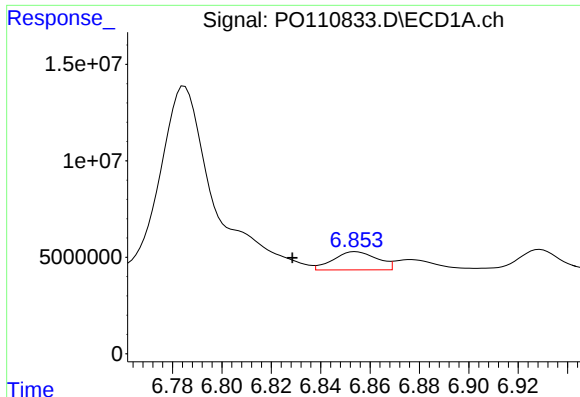
#32 AR-1260-2

R.T.: 6.457 min
Delta R.T.: -0.004 min
Response: 65743972
Conc: 112.11 ng/ml



#32 AR-1260-2

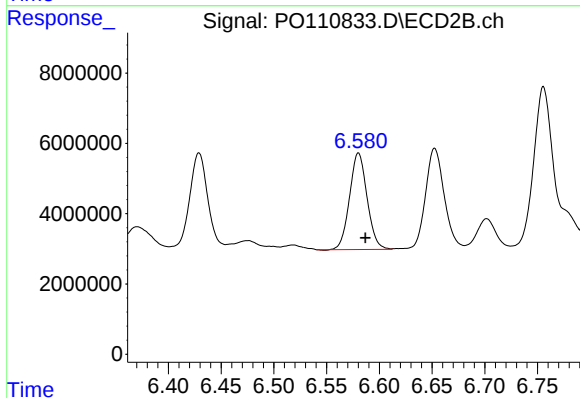
R.T.: 6.429 min
Delta R.T.: -0.005 min
Response: 32069460
Conc: 109.92 ng/ml



#33 AR-1260-3

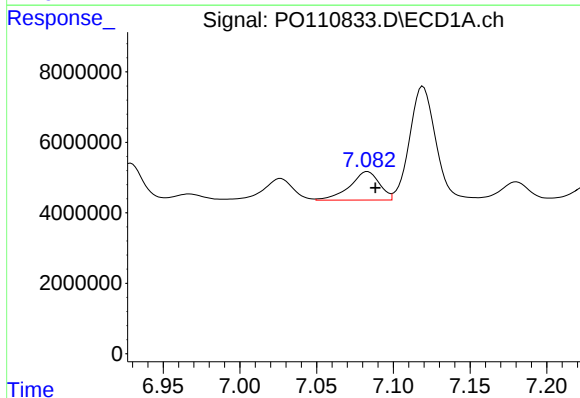
R.T.: 6.854 min
Delta R.T.: 0.026 min
Response: 11701139
Conc: 23.74 ng/ml

Instrument :
ECD_O
ClientSampleId :



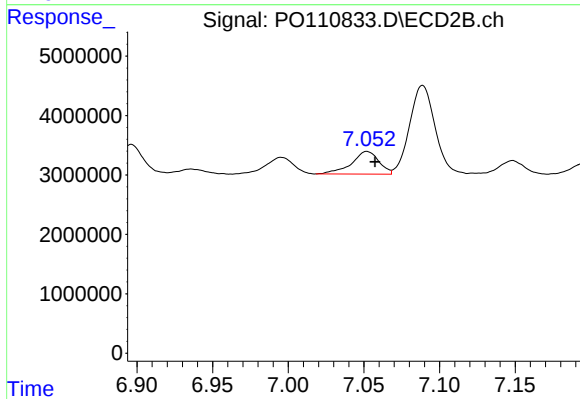
#33 AR-1260-3

R.T.: 6.580 min
Delta R.T.: -0.006 min
Response: 31647286
Conc: 116.83 ng/ml



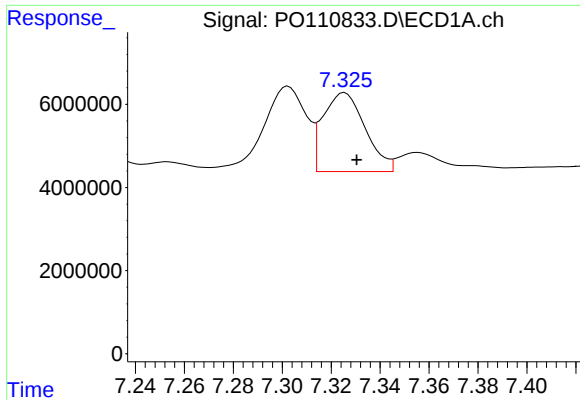
#34 AR-1260-4

R.T.: 7.083 min
Delta R.T.: -0.005 min
Response: 10869998
Conc: 25.61 ng/ml



#34 AR-1260-4

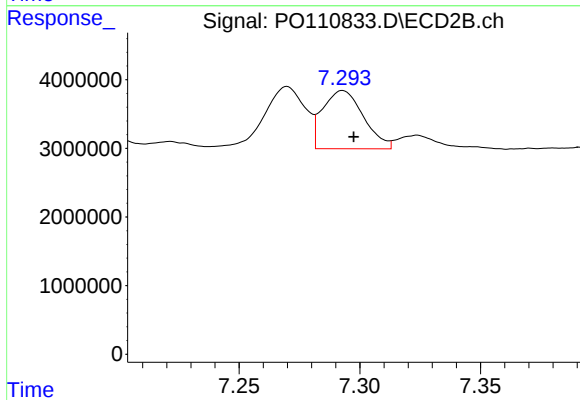
R.T.: 7.052 min
Delta R.T.: -0.005 min
Response: 4818559
Conc: 24.02 ng/ml



#35 AR-1260-5

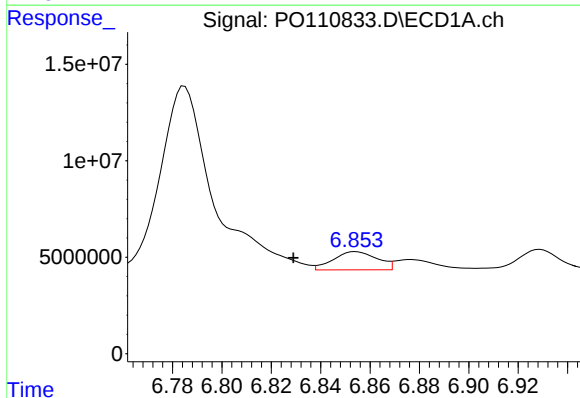
R.T.: 7.326 min
Delta R.T.: -0.005 min
Response: 22684949
Conc: 21.74 ng/ml

Instrument :
ECD_O
ClientSampleId :



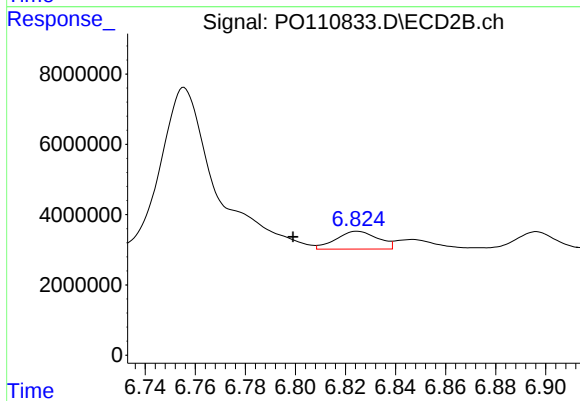
#35 AR-1260-5

R.T.: 7.293 min
Delta R.T.: -0.005 min
Response: 9993990
Conc: 21.78 ng/ml



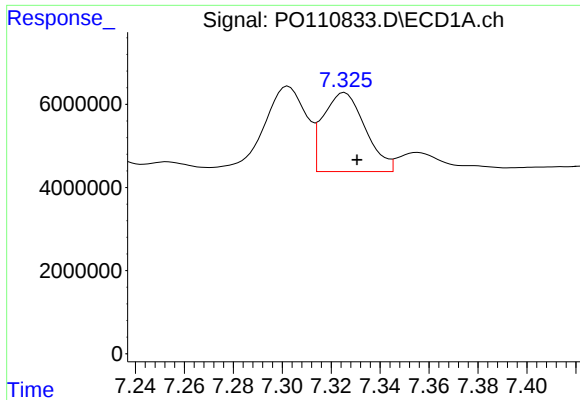
#36 AR-1262-1

R.T.: 6.854 min
Delta R.T.: 0.025 min
Response: 11701139
Conc: 16.68 ng/ml



#36 AR-1262-1

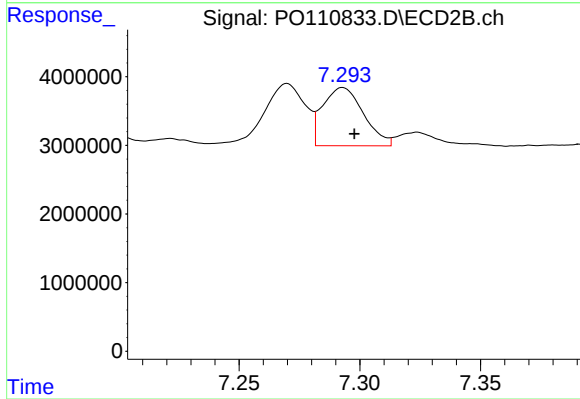
R.T.: 6.825 min
Delta R.T.: 0.026 min
Response: 5868006
Conc: 17.82 ng/ml



#37 AR-1262-2

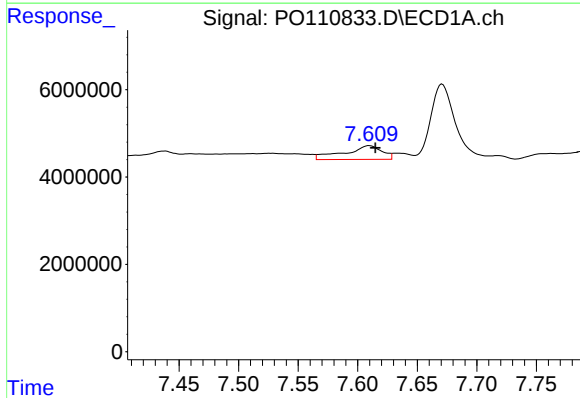
R.T.: 7.326 min
Delta R.T.: -0.005 min
Response: 22684949
Conc: 18.78 ng/ml

Instrument :
ECD_O
ClientSampleId :



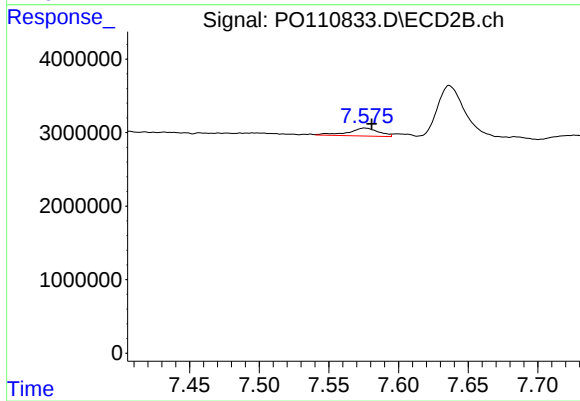
#37 AR-1262-2

R.T.: 7.293 min
Delta R.T.: -0.005 min
Response: 9993990
Conc: 19.66 ng/ml



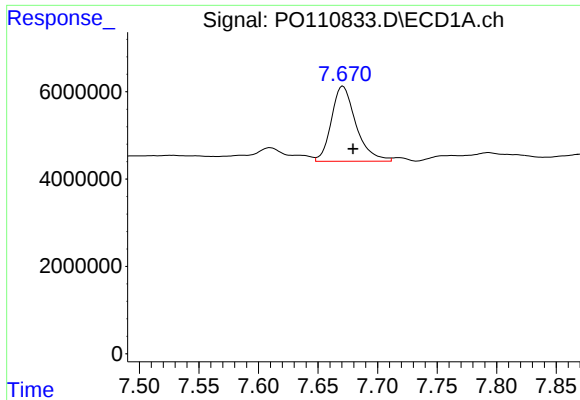
#38 AR-1262-3

R.T.: 7.610 min
Delta R.T.: -0.005 min
Response: 6988331
Conc: 13.73 ng/ml



#38 AR-1262-3

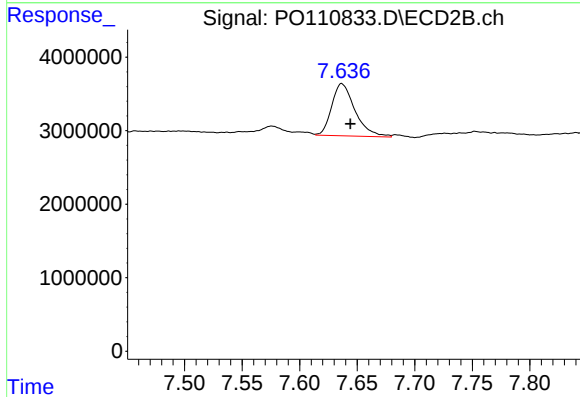
R.T.: 7.576 min
Delta R.T.: -0.005 min
Response: 1671549
Conc: 8.63 ng/ml



#39 AR-1262-4

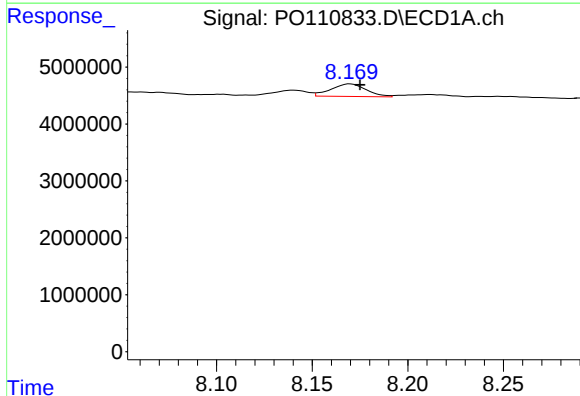
R.T.: 7.671 min
Delta R.T.: -0.008 min
Response: 24710893
Conc: 27.57 ng/ml

Instrument :
ECD_O
ClientSampleId :



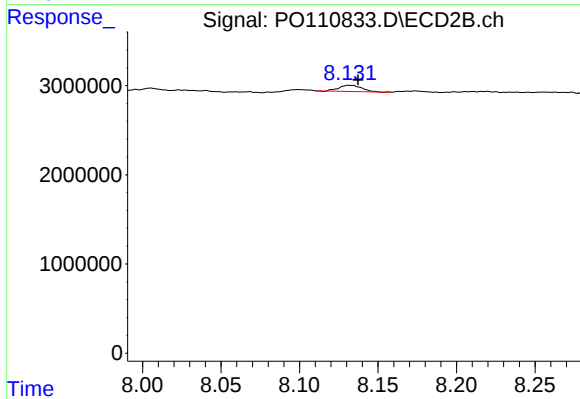
#39 AR-1262-4

R.T.: 7.637 min
Delta R.T.: -0.008 min
Response: 10026265
Conc: 28.89 ng/ml



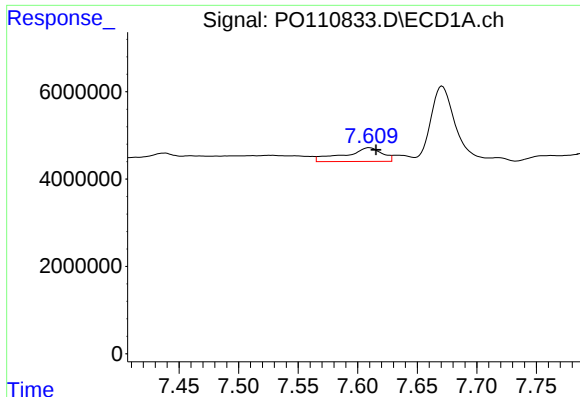
#40 AR-1262-5

R.T.: 8.170 min
Delta R.T.: -0.005 min
Response: 2846637
Conc: 7.06 ng/ml



#40 AR-1262-5

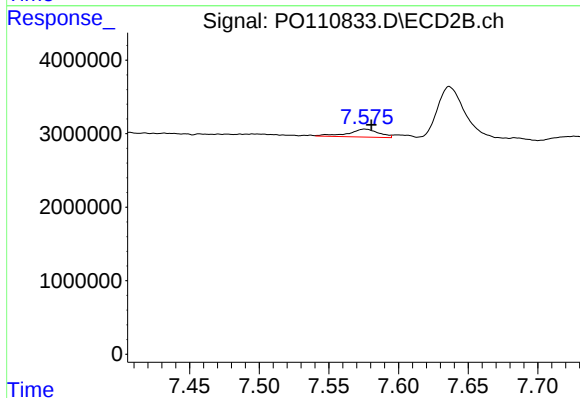
R.T.: 8.132 min
Delta R.T.: -0.005 min
Response: 697248
Conc: 5.60 ng/ml



#41 AR-1268-1

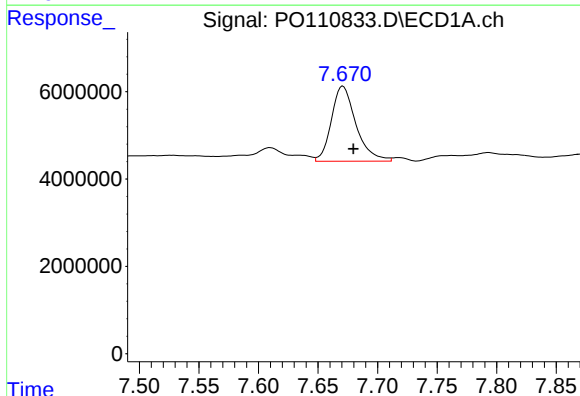
R.T.: 7.610 min
Delta R.T.: -0.006 min
Response: 6988331
Conc: 4.98 ng/ml

Instrument :
ECD_O
ClientSampleId :



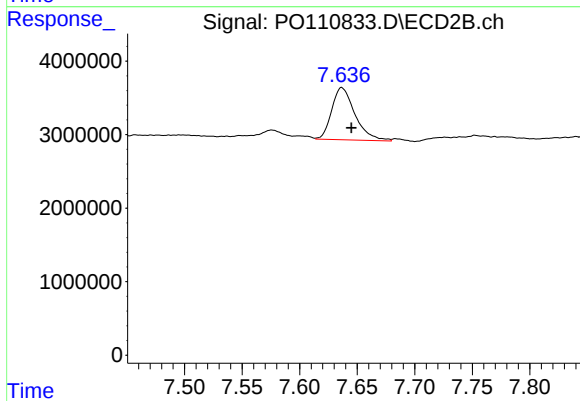
#41 AR-1268-1

R.T.: 7.576 min
Delta R.T.: -0.005 min
Response: 1671549
Conc: 3.05 ng/ml



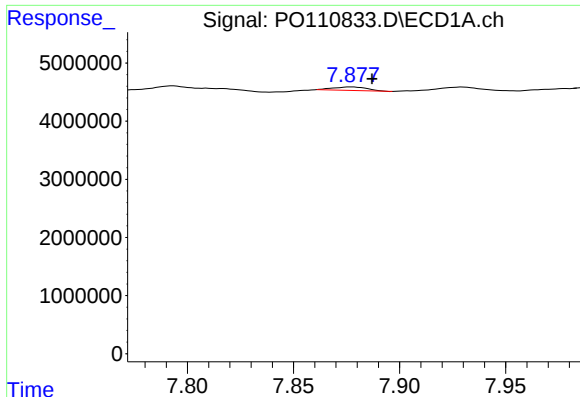
#42 AR-1268-2

R.T.: 7.671 min
Delta R.T.: -0.009 min
Response: 24710893
Conc: 19.31 ng/ml



#42 AR-1268-2

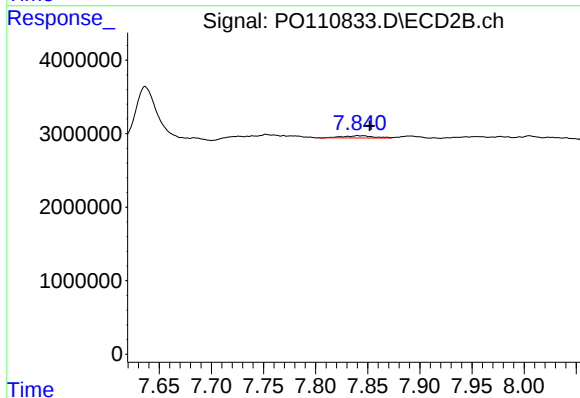
R.T.: 7.637 min
Delta R.T.: -0.008 min
Response: 10026265
Conc: 20.15 ng/ml



#43 AR-1268-3

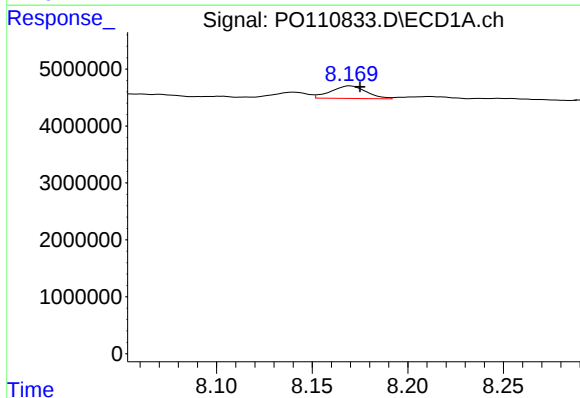
R.T.: 7.877 min
Delta R.T.: -0.010 min
Response: 686539
Conc: 0.66 ng/ml

Instrument :
ECD_O
ClientSampleId :



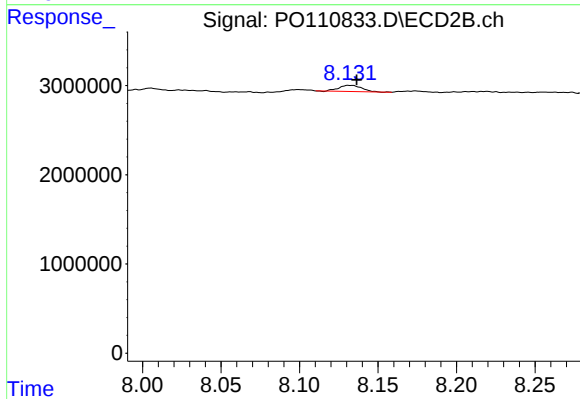
#43 AR-1268-3

R.T.: 7.840 min
Delta R.T.: -0.012 min
Response: 661778
Conc: 1.78 ng/ml



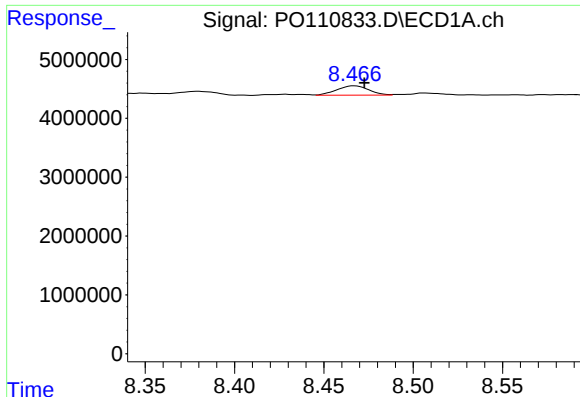
#44 AR-1268-4

R.T.: 8.170 min
Delta R.T.: -0.005 min
Response: 2846637
Conc: 6.41 ng/ml



#44 AR-1268-4

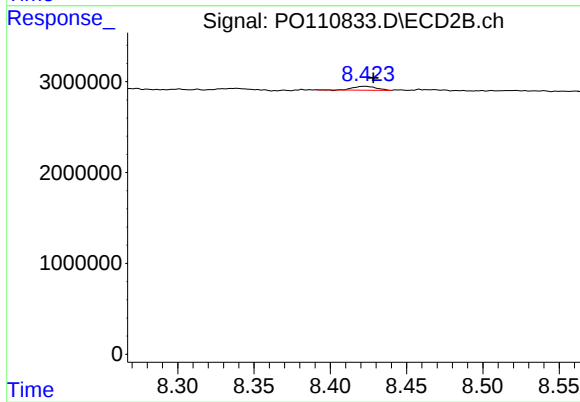
R.T.: 8.132 min
Delta R.T.: -0.004 min
Response: 697248
Conc: 4.94 ng/ml



#45 AR-1268-5

R.T.: 8.467 min
Delta R.T.: -0.006 min
Response: 1968661
Conc: 0.61 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.422 min
Delta R.T.: -0.006 min
Response: 428323
Conc: 0.54 ng/ml