

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0080922\
 Data File : P0088803.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Aug 2022 02:24
 Operator : YP/AJ
 Sample : AR1242CCC500
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 10 03:07:27 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0080422.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Aug 05 23:24:09 2022
 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...	4.436	3.594	128.0E6	50785698	47.448	46.924
2)	SA Decachlor...	10.270	8.584	83200342	52617205	43.116	43.417
Target Compounds							
3)	L1 AR-1016-1	5.611	4.671	30986743	15286580	384.380	410.160
4)	L1 AR-1016-2	5.634	4.689	44304888	21789552	384.121	417.932
5)	L1 AR-1016-3	5.697	4.865	27956899	12203956	386.868	417.122
6)	L1 AR-1016-4	5.796	4.907	21657271	9863963	377.736	408.912
7)	L1 AR-1016-5	6.093	5.119	21728673	13289987	378.801	407.478
8)	L2 AR-1221-1	4.639	3.804	3918256	1551904	126.408	129.683
9)	L2 AR-1221-2	4.732	3.891	5734680	2330607	248.040	258.036
10)	L2 AR-1221-3	4.808	3.966	19399832	8215441	276.444	289.095
11)	L3 AR-1232-1	4.808	3.966	19399832	8215441	349.241	362.830
12)	L3 AR-1232-2	5.146	4.689	25628405	21789552	924.355	943.738
13)	L3 AR-1232-3	5.634	4.865	44304888	12203956	868.513	993.073
14)	L3 AR-1232-4	5.796	4.949	21657271	12679204	865.912	1075.752
15)	L3 AR-1232-5	5.887	5.119	18832327	13289987	915.043	987.804
16)	L4 AR-1242-1	5.611	4.671	30986743	15286580	461.043	498.580
17)	L4 AR-1242-2	5.634	4.689	44304888	21789552	459.086	505.724
18)	L4 AR-1242-3	5.697	4.865	27956899	12203956	463.196	508.333
19)	L4 AR-1242-4	5.796	4.949	21657271	12679204	449.285	502.884
20)	L4 AR-1242-5	6.537	5.470	22390721	14943472	431.439	469.345
21)	L5 AR-1248-1	5.611	4.671	30986743	15286580	600.614	651.024
22)	L5 AR-1248-2	5.887	4.907	18832327	9863963	245.315	274.846
23)	L5 AR-1248-3	6.093	4.949	21728673	12679204	263.061	332.997 #
24)	L5 AR-1248-4	6.499	5.119	21346325	13289987	237.689	289.400
25)	L5 AR-1248-5	6.537	5.511	22390721	12524783	252.598	286.866
26)	L6 AR-1254-1	6.470	5.470	16154726	14943472	176.850	216.967
27)	L6 AR-1254-2	6.696	5.618	19115840	3470999	139.783	58.612 #
28)	L6 AR-1254-3	7.060	6.021	8000205	4635640	56.849	49.852
29)	L6 AR-1254-4	7.347	6.250	5529943	3598064	54.727	63.513
30)	L6 AR-1254-5	7.767	6.667	1354182	996976	12.717	12.214
31)	L7 AR-1260-1	7.226	6.164	811228	1663199	7.850	26.170 #
32)	L7 AR-1260-2	7.481	6.339	1694995	610660	14.340	7.969 #
33)	L7 AR-1260-3	7.826	6.490	222729	472041	2.536	6.571 #
34)	L7 AR-1260-4	8.056	7.001	936589	367332	9.563	6.020 #
35)	L7 AR-1260-5	8.396	7.205	473882	136389	2.573	0.967 #
36)	L8 AR-1262-1	7.826	0.000	222729	0	1.758	N.D. #
37)	L8 AR-1262-2	8.396	7.205	473882	136389	2.257	0.890 #
38)	L8 AR-1262-3	8.660f	7.491	47393	236270	0.526	3.831 #
39)	L8 AR-1262-4	8.823	7.491f	231287	236270	3.509	2.075 #
40)	L8 AR-1262-5	9.478	8.102f	114839	280653	1.432	5.227 #
41)	L9 AR-1268-1	8.660f	7.491	47393	236270	0.191	1.334 #

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 Operator : YP/AJ
 Sample : AR1242CCC500
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

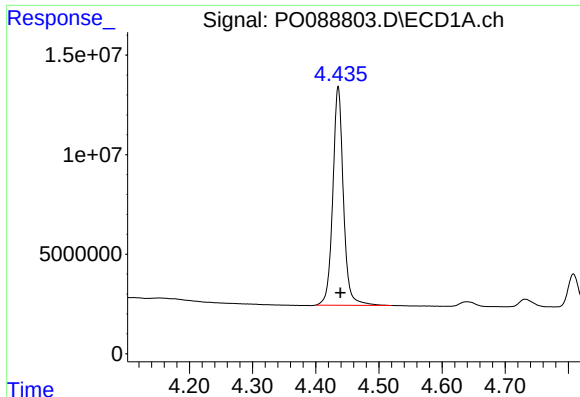
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 10 03:07:27 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0080422.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	8.823	7.491f	231287	236270	1.017	1.472 #
43) L9	AR-1268-3	9.053	7.761	388904	202992	1.985	1.471 #
44) L9	AR-1268-4	9.478	8.102f	114839	280653	1.319	4.849 #
45) L9	AR-1268-5	9.920	8.334	454770	1028530	0.727	2.522 #

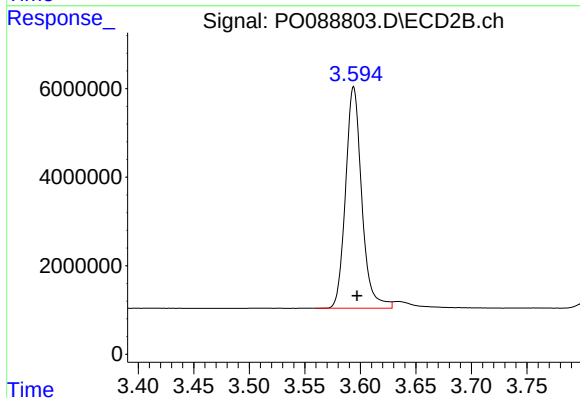
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

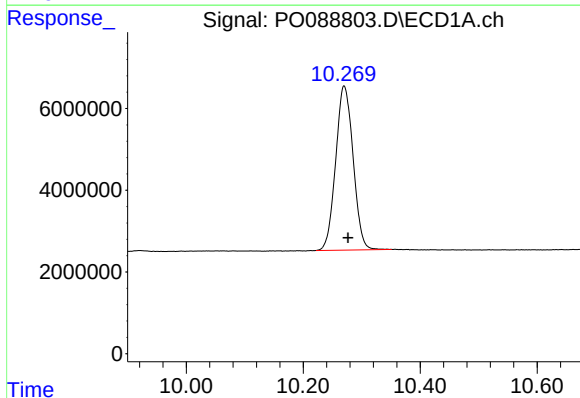
R.T.: 4.436 min
Delta R.T.: -0.003 min
Response: 127983110
Conc: 47.45 ng/ml

Instrument :
ECD_O
ClientSampleId :



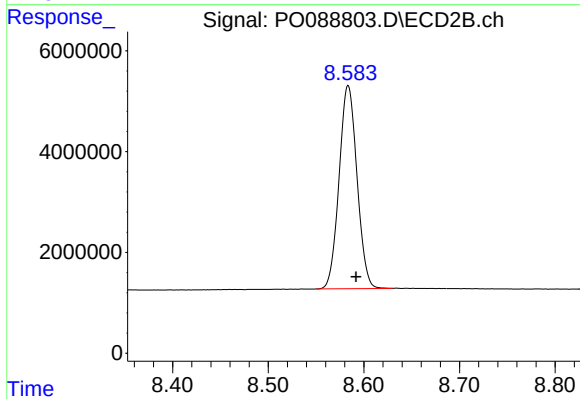
#1 Tetrachloro-m-xylene

R.T.: 3.594 min
Delta R.T.: -0.003 min
Response: 50785698
Conc: 46.92 ng/ml



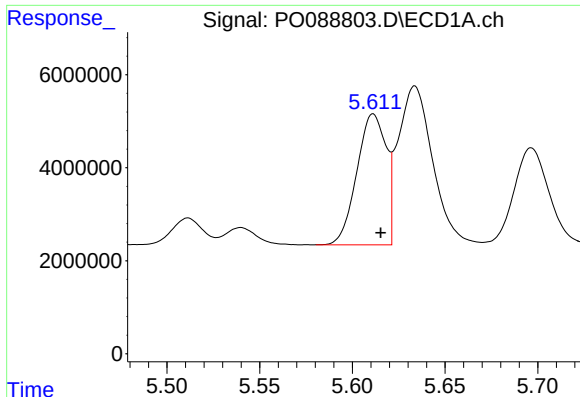
#2 Decachlorobiphenyl

R.T.: 10.270 min
Delta R.T.: -0.007 min
Response: 83200342
Conc: 43.12 ng/ml



#2 Decachlorobiphenyl

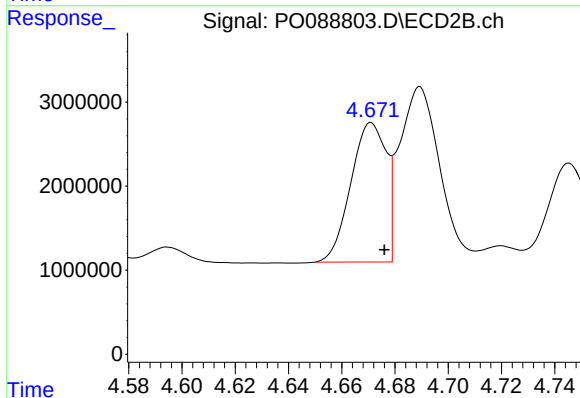
R.T.: 8.584 min
Delta R.T.: -0.008 min
Response: 52617205
Conc: 43.42 ng/ml



#3 AR-1016-1

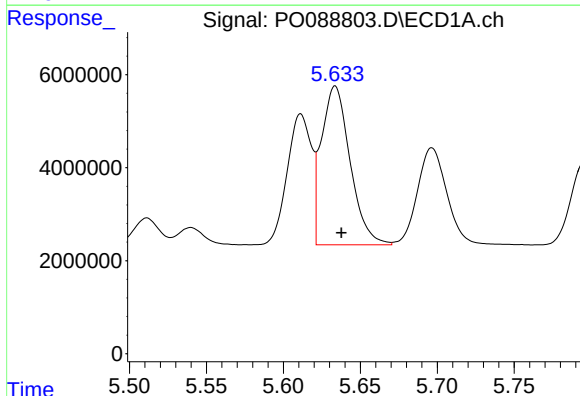
R.T.: 5.611 min
Delta R.T.: -0.004 min
Response: 30986743
Conc: 384.38 ng/ml

Instrument :
ECD_O
ClientSampleId :



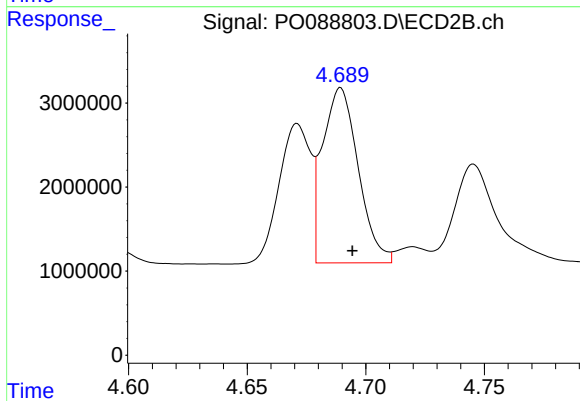
#3 AR-1016-1

R.T.: 4.671 min
Delta R.T.: -0.005 min
Response: 15286580
Conc: 410.16 ng/ml



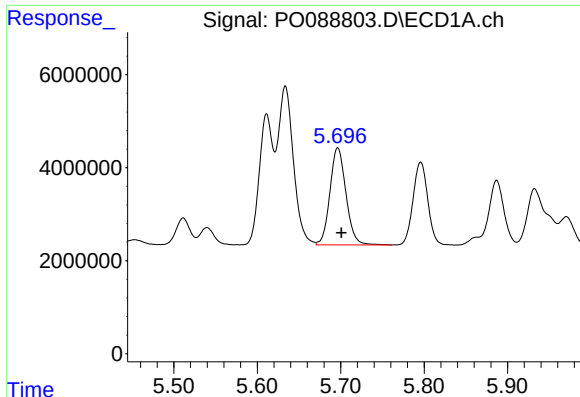
#4 AR-1016-2

R.T.: 5.634 min
Delta R.T.: -0.004 min
Response: 44304888
Conc: 384.12 ng/ml



#4 AR-1016-2

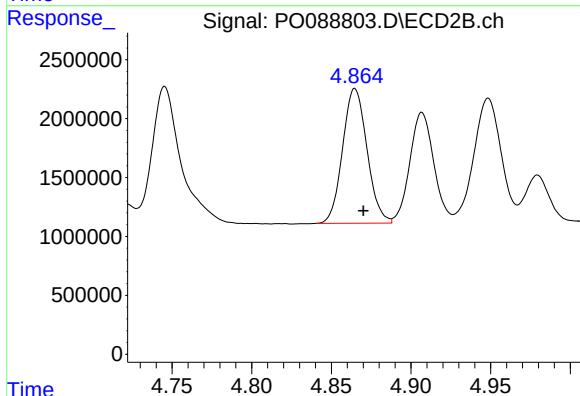
R.T.: 4.689 min
Delta R.T.: -0.005 min
Response: 21789552
Conc: 417.93 ng/ml



#5 AR-1016-3

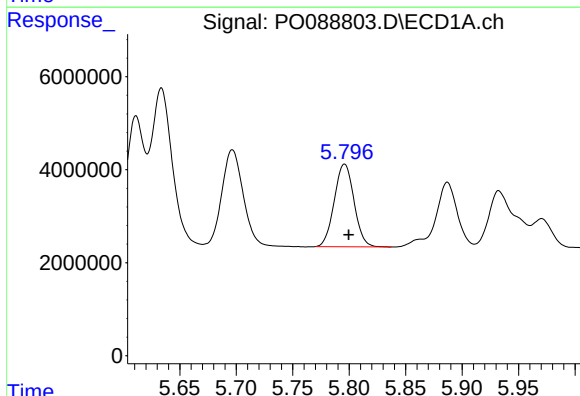
R.T.: 5.697 min
Delta R.T.: -0.004 min
Response: 27956899
Conc: 386.87 ng/ml

Instrument :
ECD_O
ClientSampleId :



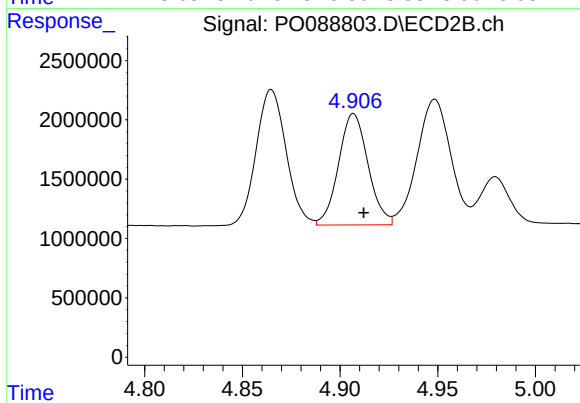
#5 AR-1016-3

R.T.: 4.865 min
Delta R.T.: -0.005 min
Response: 12203956
Conc: 417.12 ng/ml



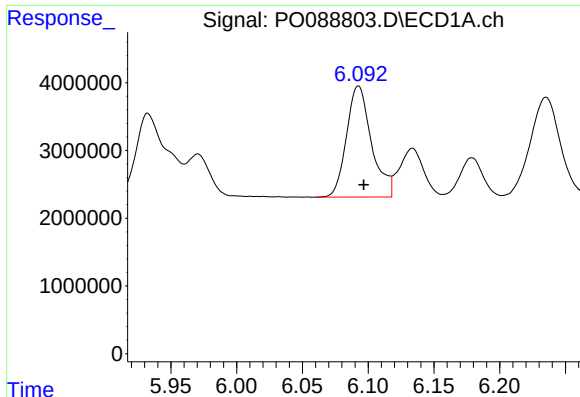
#6 AR-1016-4

R.T.: 5.796 min
Delta R.T.: -0.004 min
Response: 21657271
Conc: 377.74 ng/ml



#6 AR-1016-4

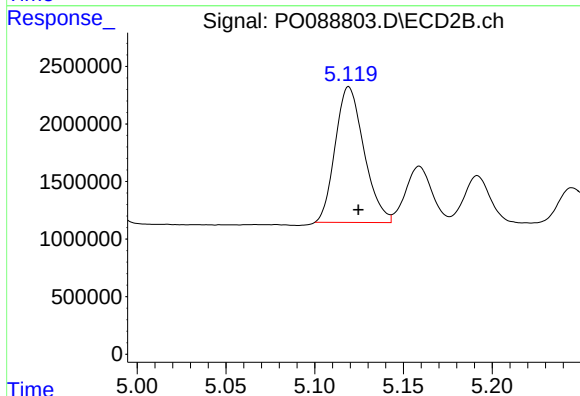
R.T.: 4.907 min
Delta R.T.: -0.005 min
Response: 9863963
Conc: 408.91 ng/ml



#7 AR-1016-5

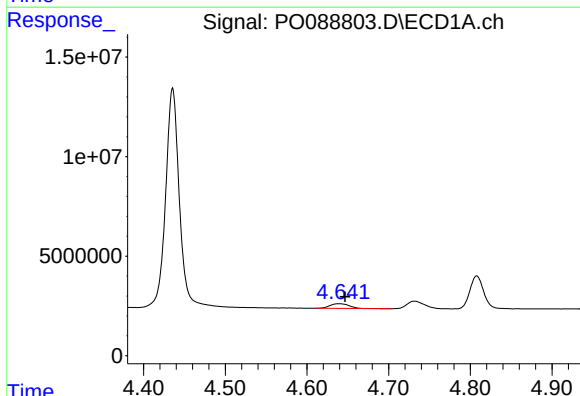
R.T.: 6.093 min
Delta R.T.: -0.004 min
Response: 21728673
Conc: 378.80 ng/ml

Instrument :
ECD_O
ClientSampleId :



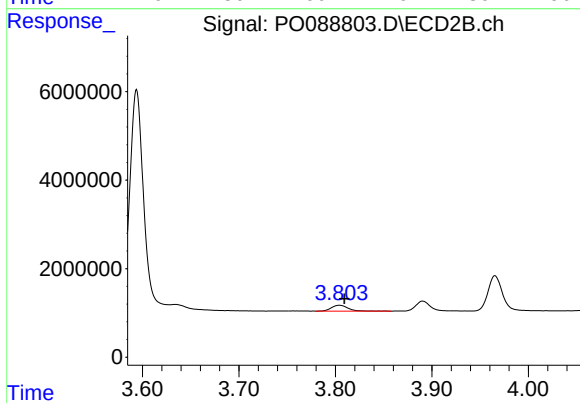
#7 AR-1016-5

R.T.: 5.119 min
Delta R.T.: -0.005 min
Response: 13289987
Conc: 407.48 ng/ml



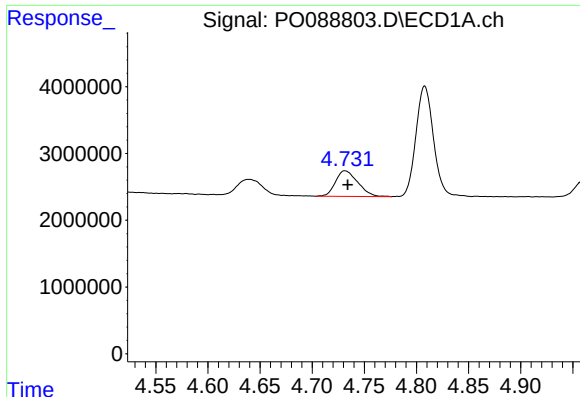
#8 AR-1221-1

R.T.: 4.639 min
Delta R.T.: -0.007 min
Response: 3918256
Conc: 126.41 ng/ml



#8 AR-1221-1

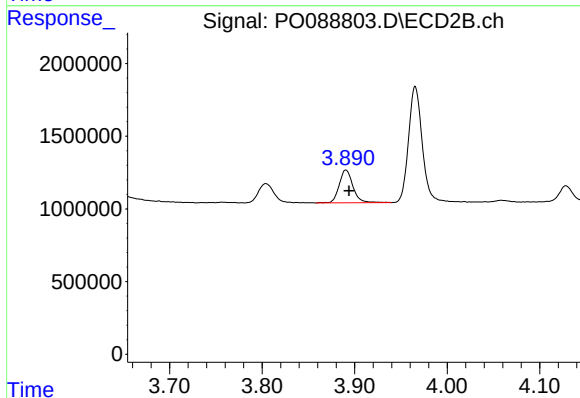
R.T.: 3.804 min
Delta R.T.: -0.005 min
Response: 1551904
Conc: 129.68 ng/ml



#9 AR-1221-2

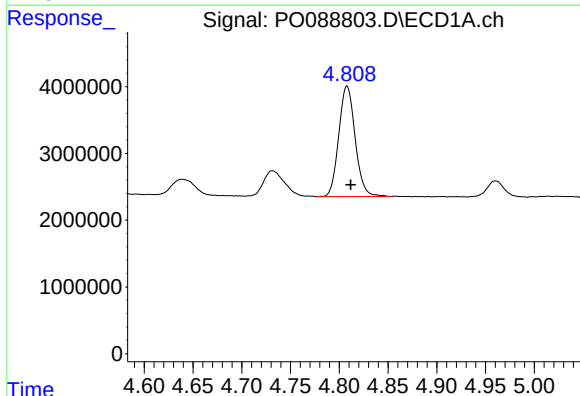
R.T.: 4.732 min
Delta R.T.: -0.003 min
Response: 5734680
Conc: 248.04 ng/ml

Instrument :
ECD_O
ClientSampleId :



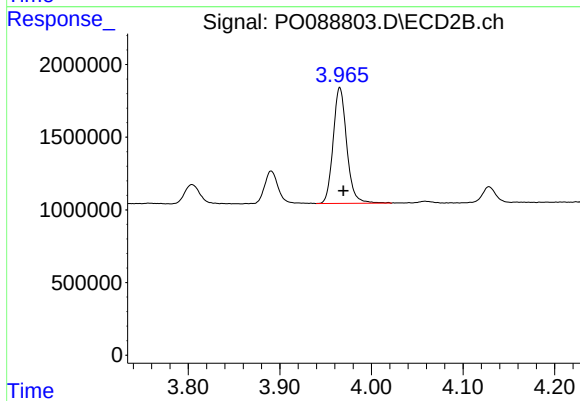
#9 AR-1221-2

R.T.: 3.891 min
Delta R.T.: -0.003 min
Response: 2330607
Conc: 258.04 ng/ml



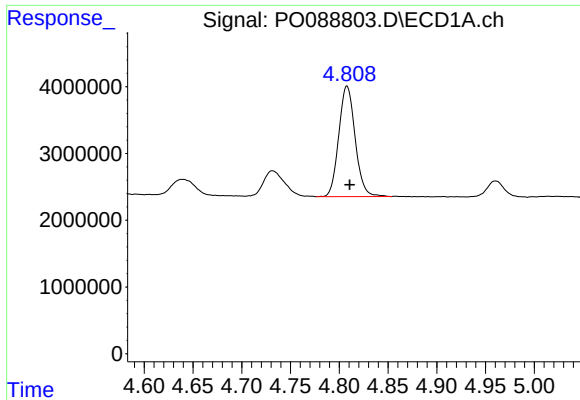
#10 AR-1221-3

R.T.: 4.808 min
Delta R.T.: -0.004 min
Response: 19399832
Conc: 276.44 ng/ml



#10 AR-1221-3

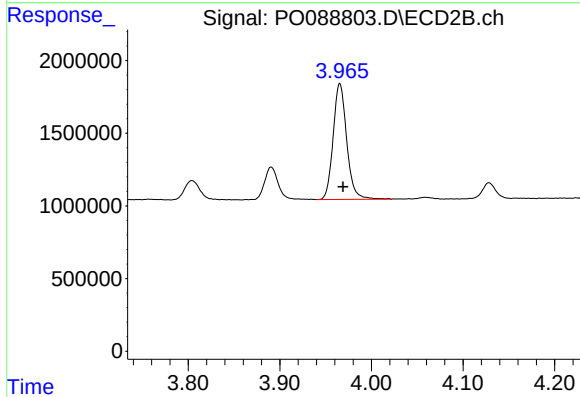
R.T.: 3.966 min
Delta R.T.: -0.004 min
Response: 8215441
Conc: 289.09 ng/ml



#11 AR-1232-1

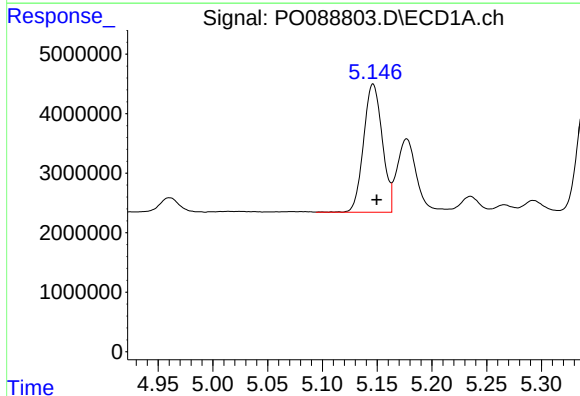
R.T.: 4.808 min
Delta R.T.: -0.003 min
Response: 19399832
Conc: 349.24 ng/ml

Instrument :
ECD_O
ClientSampleId :



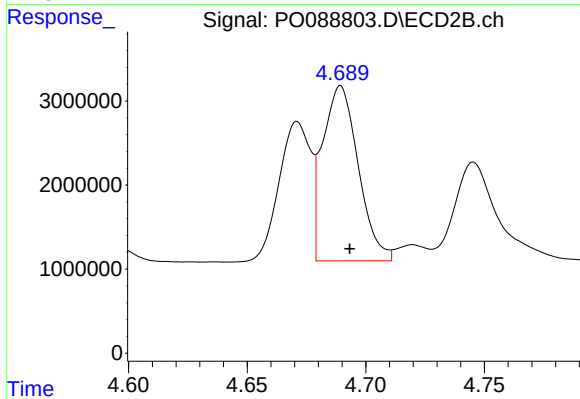
#11 AR-1232-1

R.T.: 3.966 min
Delta R.T.: -0.004 min
Response: 8215441
Conc: 362.83 ng/ml



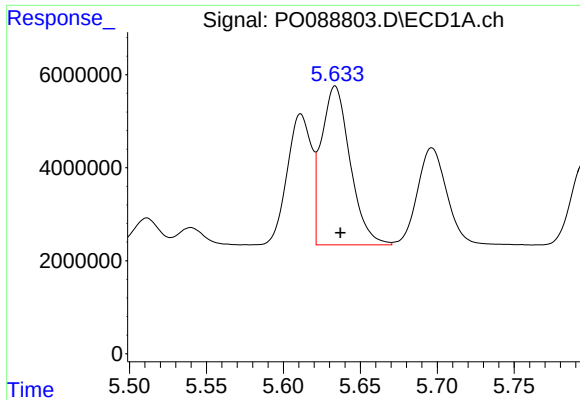
#12 AR-1232-2

R.T.: 5.146 min
Delta R.T.: -0.003 min
Response: 25628405
Conc: 924.36 ng/ml



#12 AR-1232-2

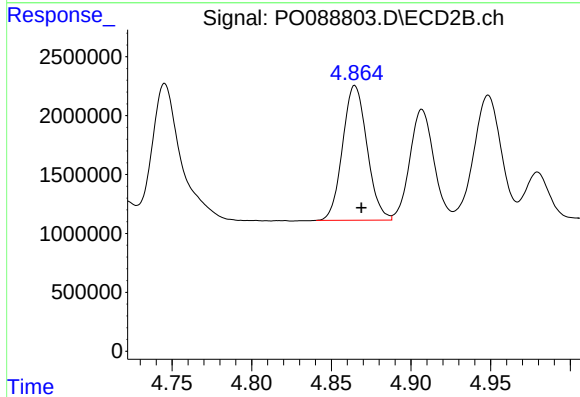
R.T.: 4.689 min
Delta R.T.: -0.004 min
Response: 21789552
Conc: 943.74 ng/ml



#13 AR-1232-3

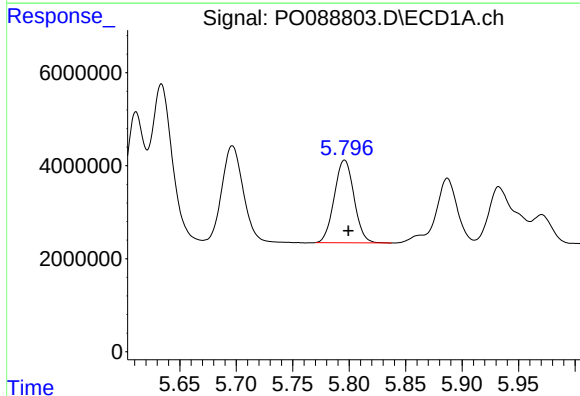
R.T.: 5.634 min
Delta R.T.: -0.003 min
Response: 44304888
Conc: 868.51 ng/ml

Instrument :
ECD_O
ClientSampleId :



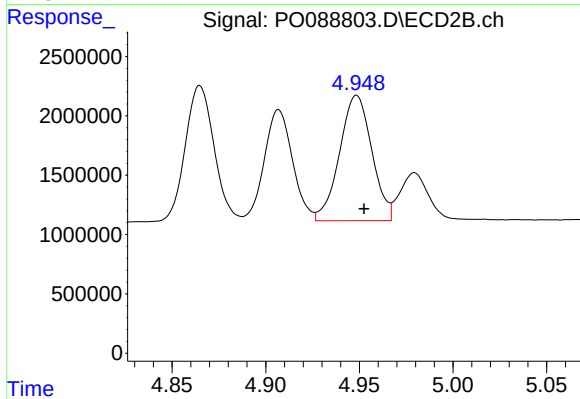
#13 AR-1232-3

R.T.: 4.865 min
Delta R.T.: -0.004 min
Response: 12203956
Conc: 993.07 ng/ml



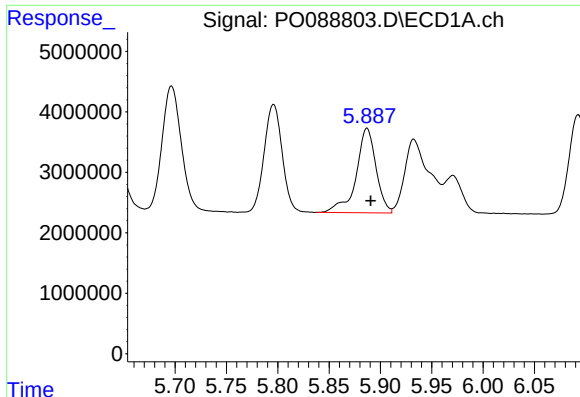
#14 AR-1232-4

R.T.: 5.796 min
Delta R.T.: -0.003 min
Response: 21657271
Conc: 865.91 ng/ml



#14 AR-1232-4

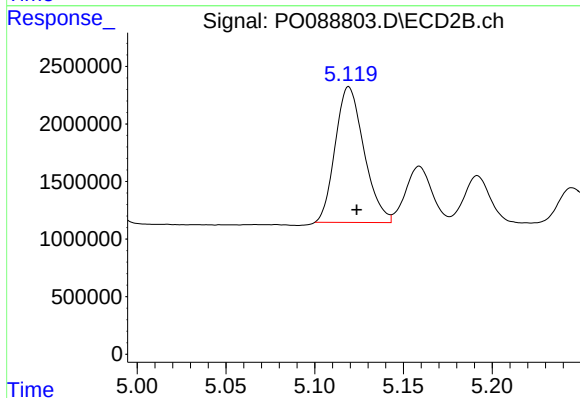
R.T.: 4.949 min
Delta R.T.: -0.004 min
Response: 12679204
Conc: 1075.75 ng/ml



#15 AR-1232-5

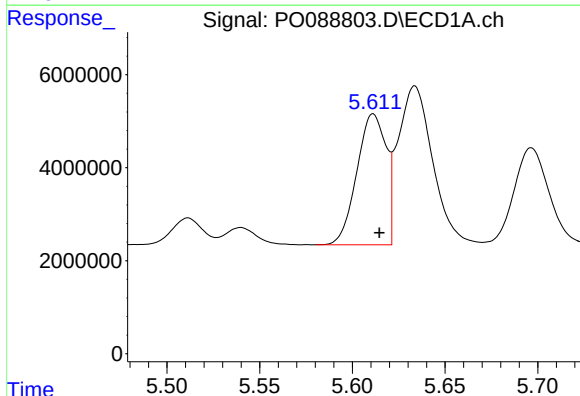
R.T.: 5.887 min
Delta R.T.: -0.004 min
Response: 18832327
Conc: 915.04 ng/ml

Instrument :
ECD_O
ClientSampleId :



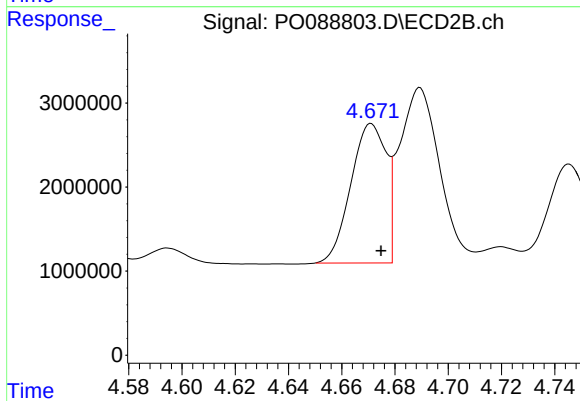
#15 AR-1232-5

R.T.: 5.119 min
Delta R.T.: -0.004 min
Response: 13289987
Conc: 987.80 ng/ml



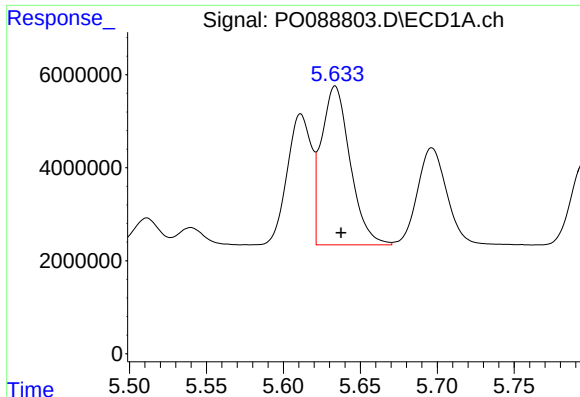
#16 AR-1242-1

R.T.: 5.611 min
Delta R.T.: -0.003 min
Response: 30986743
Conc: 461.04 ng/ml



#16 AR-1242-1

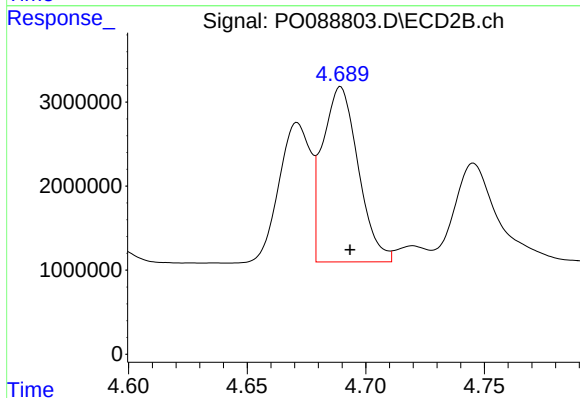
R.T.: 4.671 min
Delta R.T.: -0.004 min
Response: 15286580
Conc: 498.58 ng/ml



#17 AR-1242-2

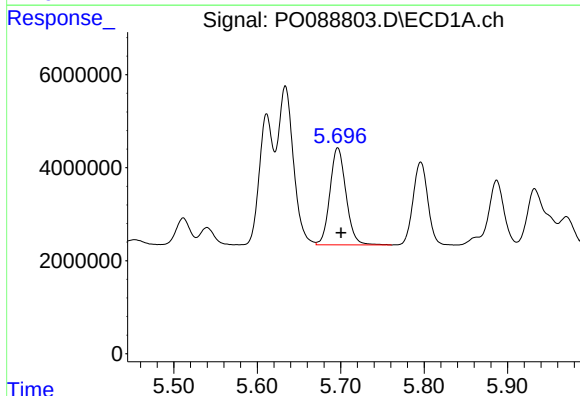
R.T.: 5.634 min
Delta R.T.: -0.004 min
Response: 44304888
Conc: 459.09 ng/ml

Instrument :
ECD_O
ClientSampleId :



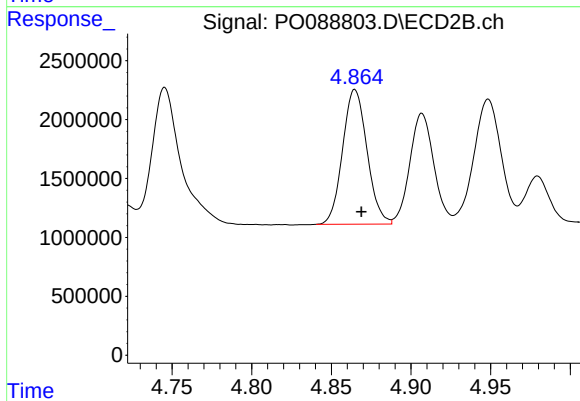
#17 AR-1242-2

R.T.: 4.689 min
Delta R.T.: -0.004 min
Response: 21789552
Conc: 505.72 ng/ml



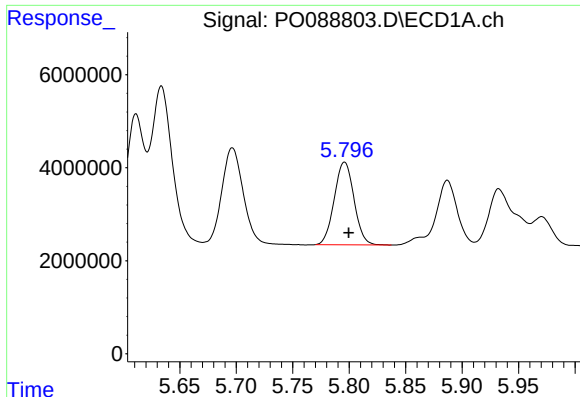
#18 AR-1242-3

R.T.: 5.697 min
Delta R.T.: -0.004 min
Response: 27956899
Conc: 463.20 ng/ml



#18 AR-1242-3

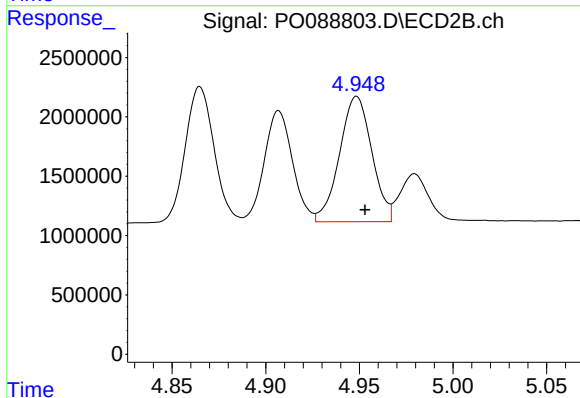
R.T.: 4.865 min
Delta R.T.: -0.004 min
Response: 12203956
Conc: 508.33 ng/ml



#19 AR-1242-4

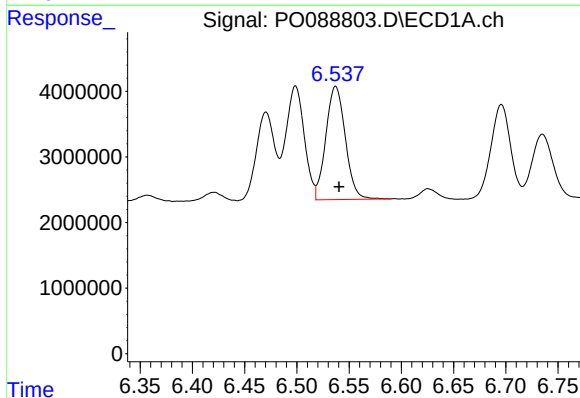
R.T.: 5.796 min
Delta R.T.: -0.003 min
Response: 21657271
Conc: 449.28 ng/ml

Instrument :
ECD_O
ClientSampleId :



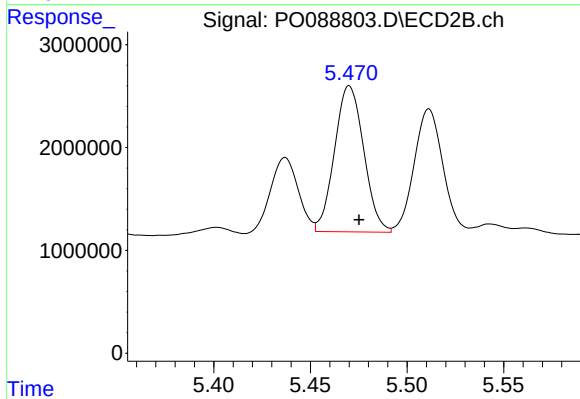
#19 AR-1242-4

R.T.: 4.949 min
Delta R.T.: -0.004 min
Response: 12679204
Conc: 502.88 ng/ml



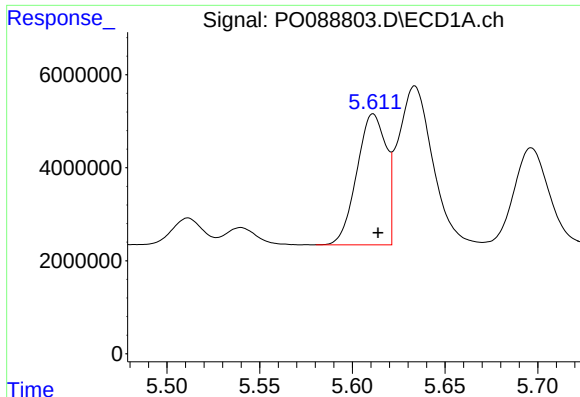
#20 AR-1242-5

R.T.: 6.537 min
Delta R.T.: -0.003 min
Response: 22390721
Conc: 431.44 ng/ml



#20 AR-1242-5

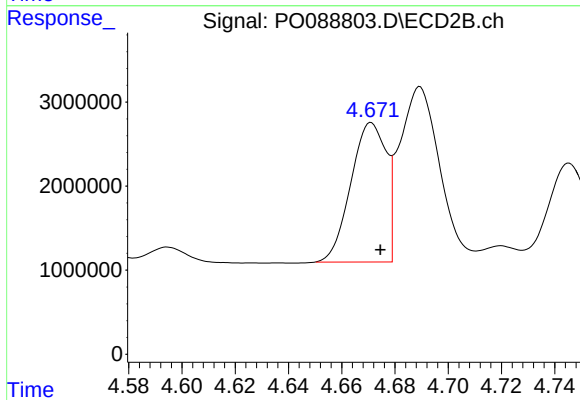
R.T.: 5.470 min
Delta R.T.: -0.005 min
Response: 14943472
Conc: 469.34 ng/ml



#21 AR-1248-1

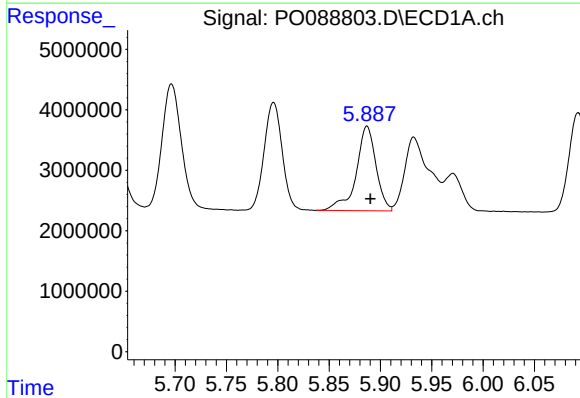
R.T.: 5.611 min
Delta R.T.: -0.003 min
Response: 30986743
Conc: 600.61 ng/ml

Instrument :
ECD_O
ClientSampleId :



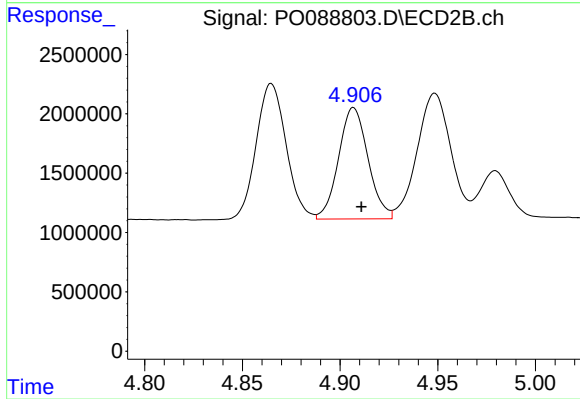
#21 AR-1248-1

R.T.: 4.671 min
Delta R.T.: -0.003 min
Response: 15286580
Conc: 651.02 ng/ml



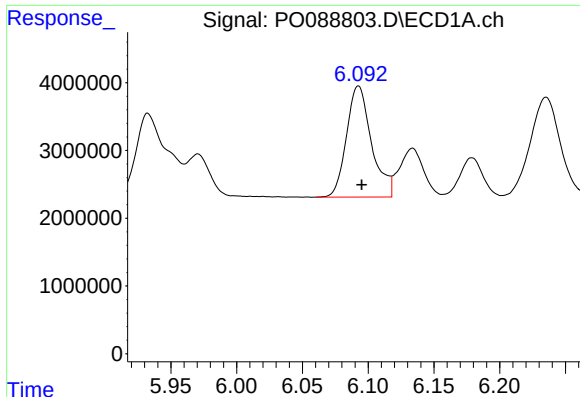
#22 AR-1248-2

R.T.: 5.887 min
Delta R.T.: -0.003 min
Response: 18832327
Conc: 245.31 ng/ml



#22 AR-1248-2

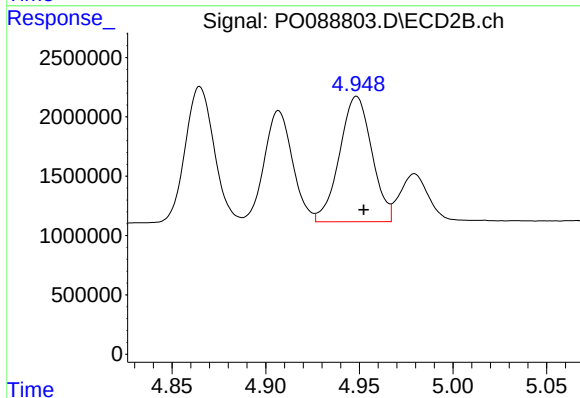
R.T.: 4.907 min
Delta R.T.: -0.004 min
Response: 9863963
Conc: 274.85 ng/ml



#23 AR-1248-3

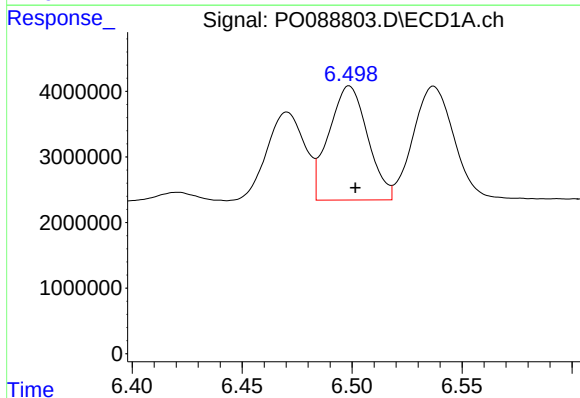
R.T.: 6.093 min
Delta R.T.: -0.003 min
Response: 21728673
Conc: 263.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



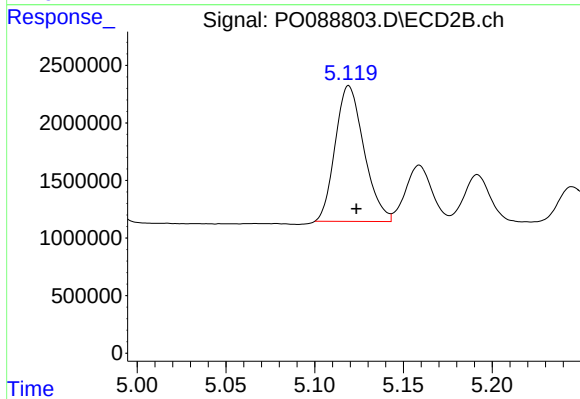
#23 AR-1248-3

R.T.: 4.949 min
Delta R.T.: -0.004 min
Response: 12679204
Conc: 333.00 ng/ml



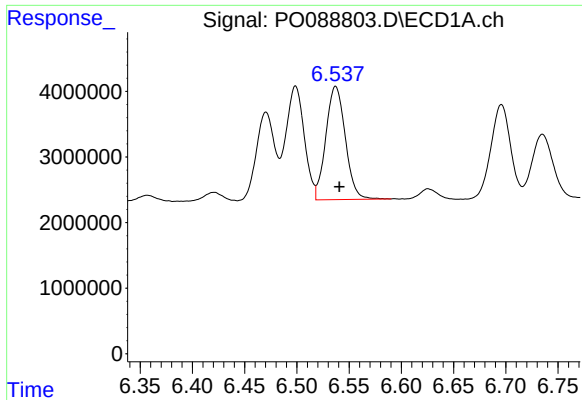
#24 AR-1248-4

R.T.: 6.499 min
Delta R.T.: -0.003 min
Response: 21346325
Conc: 237.69 ng/ml



#24 AR-1248-4

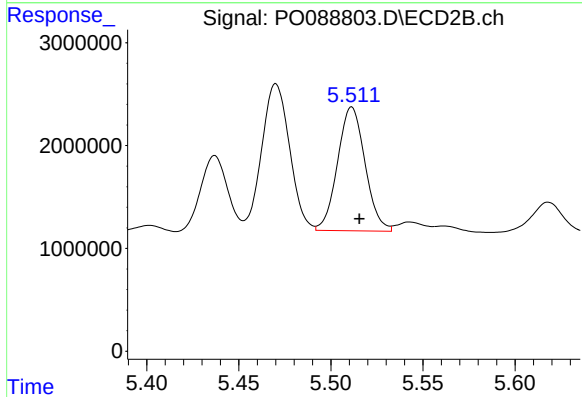
R.T.: 5.119 min
Delta R.T.: -0.004 min
Response: 13289987
Conc: 289.40 ng/ml



#25 AR-1248-5

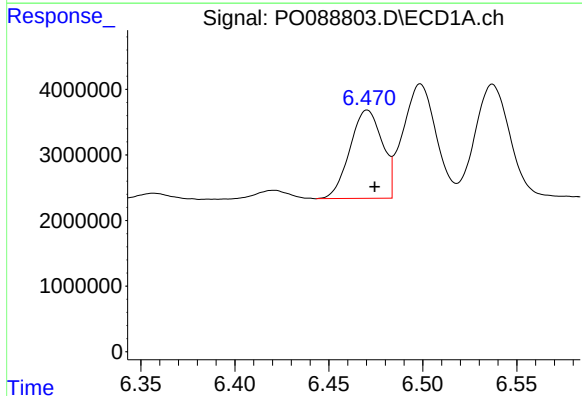
R.T.: 6.537 min
Delta R.T.: -0.004 min
Response: 22390721
Conc: 252.60 ng/ml

Instrument :
ECD_O
ClientSampleId :



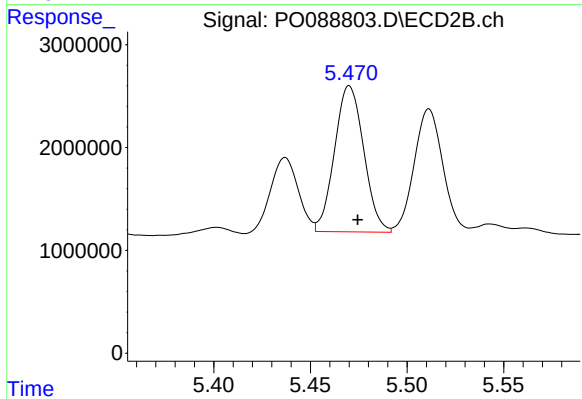
#25 AR-1248-5

R.T.: 5.511 min
Delta R.T.: -0.004 min
Response: 12524783
Conc: 286.87 ng/ml



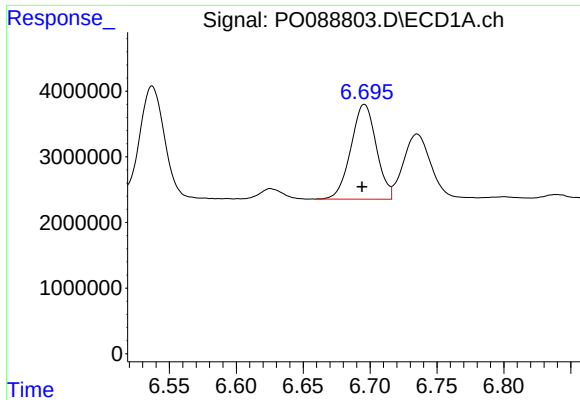
#26 AR-1254-1

R.T.: 6.470 min
Delta R.T.: -0.004 min
Response: 16154726
Conc: 176.85 ng/ml



#26 AR-1254-1

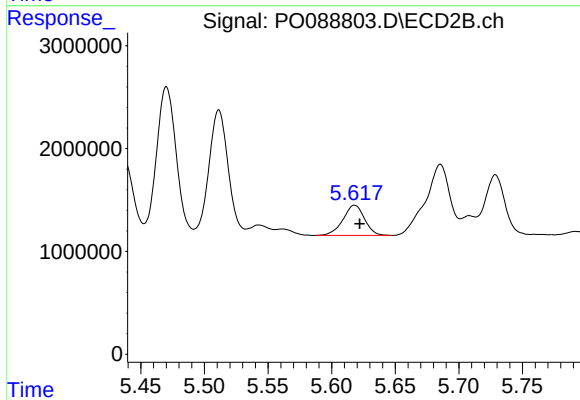
R.T.: 5.470 min
Delta R.T.: -0.004 min
Response: 14943472
Conc: 216.97 ng/ml



#27 AR-1254-2

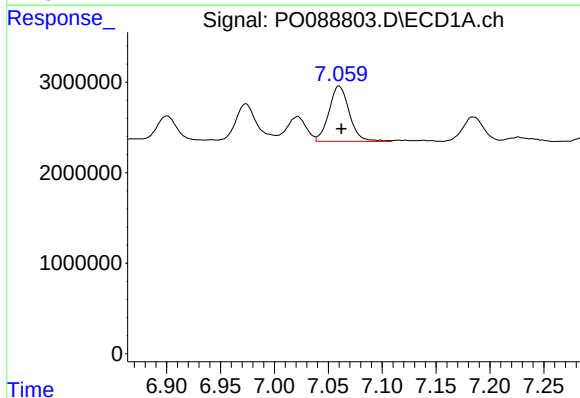
R.T.: 6.696 min
Delta R.T.: 0.002 min
Response: 19115840
Conc: 139.78 ng/ml

Instrument :
ECD_O
ClientSampleId :



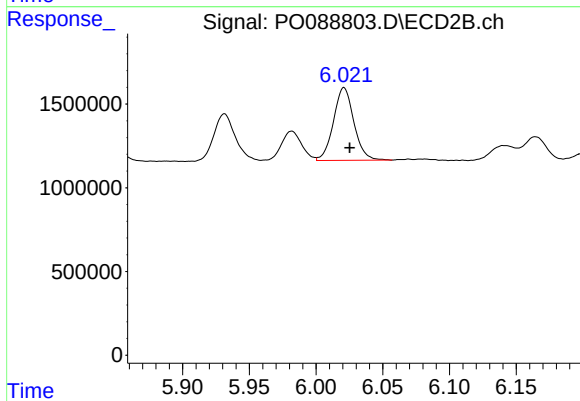
#27 AR-1254-2

R.T.: 5.618 min
Delta R.T.: -0.004 min
Response: 3470999
Conc: 58.61 ng/ml



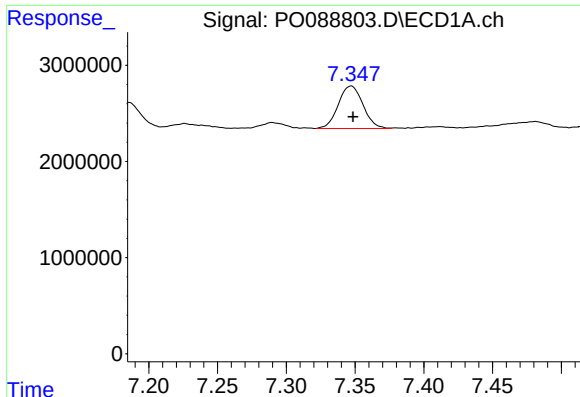
#28 AR-1254-3

R.T.: 7.060 min
Delta R.T.: -0.002 min
Response: 8000205
Conc: 56.85 ng/ml



#28 AR-1254-3

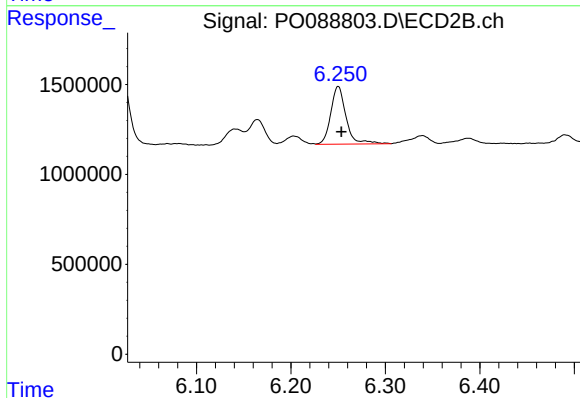
R.T.: 6.021 min
Delta R.T.: -0.004 min
Response: 4635640
Conc: 49.85 ng/ml



#29 AR-1254-4

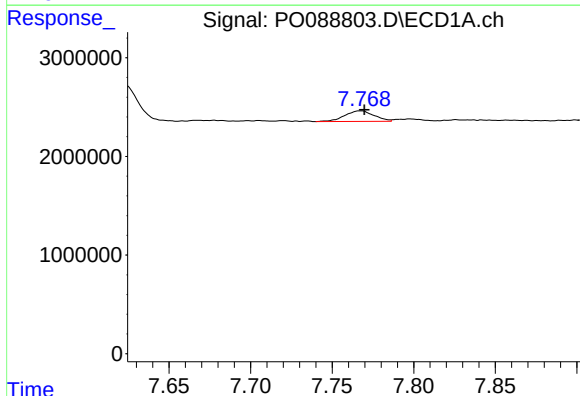
R.T.: 7.347 min
Delta R.T.: -0.001 min
Response: 5529943
Conc: 54.73 ng/ml

Instrument :
ECD_O
ClientSampleId :



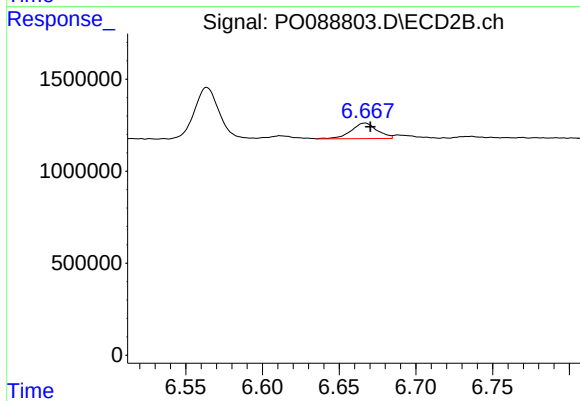
#29 AR-1254-4

R.T.: 6.250 min
Delta R.T.: -0.003 min
Response: 3598064
Conc: 63.51 ng/ml



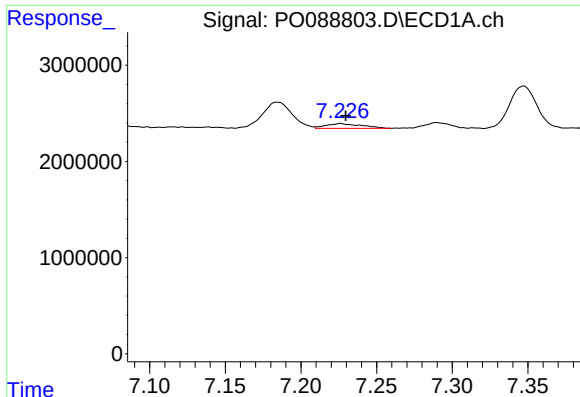
#30 AR-1254-5

R.T.: 7.767 min
Delta R.T.: -0.002 min
Response: 1354182
Conc: 12.72 ng/ml



#30 AR-1254-5

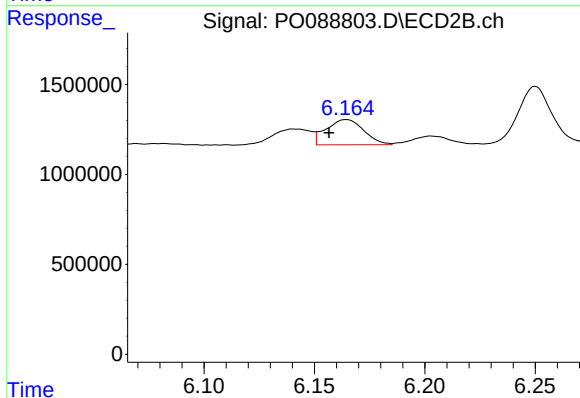
R.T.: 6.667 min
Delta R.T.: -0.003 min
Response: 996976
Conc: 12.21 ng/ml



#31 AR-1260-1

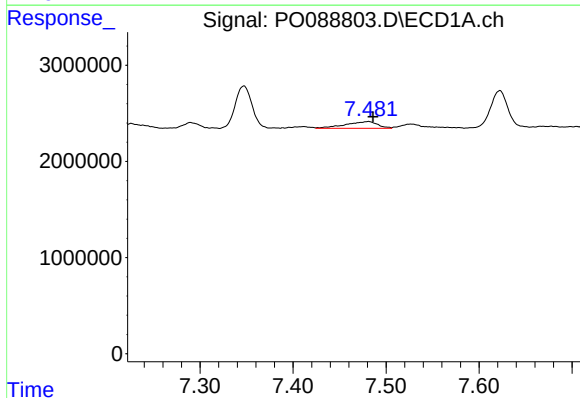
R.T.: 7.226 min
Delta R.T.: -0.003 min
Response: 811228
Conc: 7.85 ng/ml

Instrument :
ECD_O
ClientSampleId :



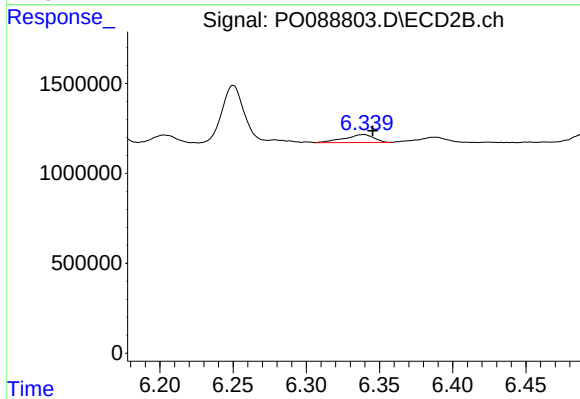
#31 AR-1260-1

R.T.: 6.164 min
Delta R.T.: 0.008 min
Response: 1663199
Conc: 26.17 ng/ml



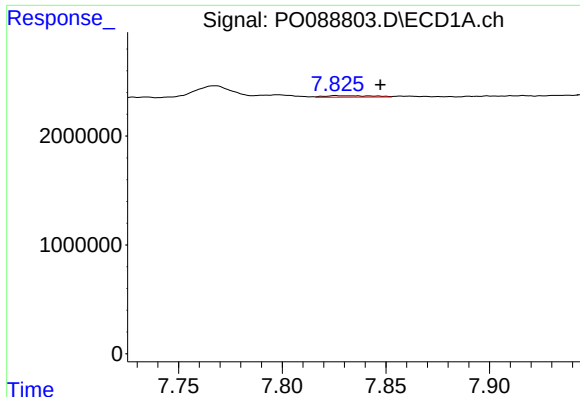
#32 AR-1260-2

R.T.: 7.481 min
Delta R.T.: -0.005 min
Response: 1694995
Conc: 14.34 ng/ml



#32 AR-1260-2

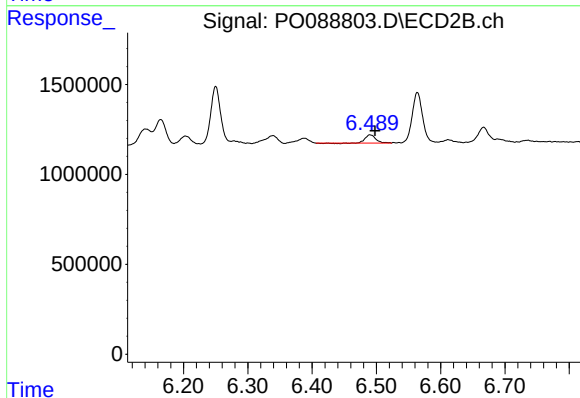
R.T.: 6.339 min
Delta R.T.: -0.006 min
Response: 610660
Conc: 7.97 ng/ml



#33 AR-1260-3

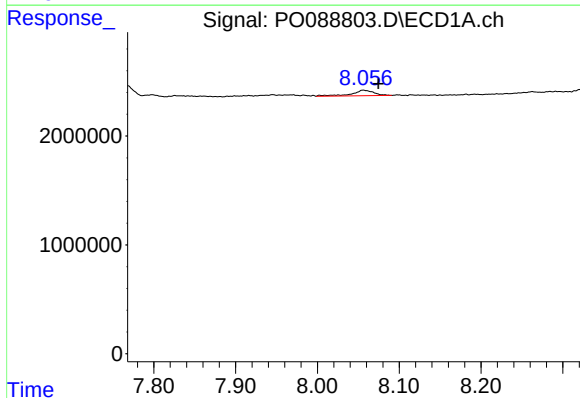
R.T.: 7.826 min
Delta R.T.: -0.021 min
Response: 222729
Conc: 2.54 ng/ml

Instrument :
ECD_O
ClientSampleId :



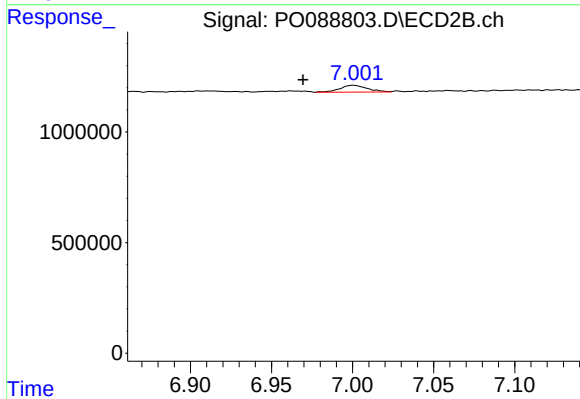
#33 AR-1260-3

R.T.: 6.490 min
Delta R.T.: -0.008 min
Response: 472041
Conc: 6.57 ng/ml



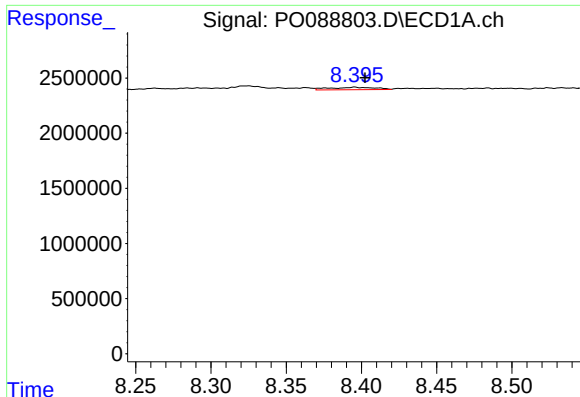
#34 AR-1260-4

R.T.: 8.056 min
Delta R.T.: -0.019 min
Response: 936589
Conc: 9.56 ng/ml



#34 AR-1260-4

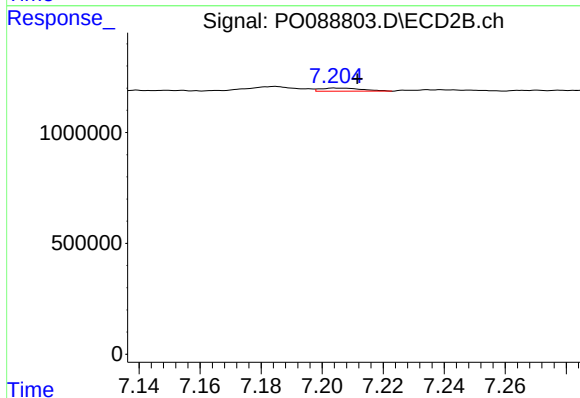
R.T.: 7.001 min
Delta R.T.: 0.031 min
Response: 367332
Conc: 6.02 ng/ml



#35 AR-1260-5

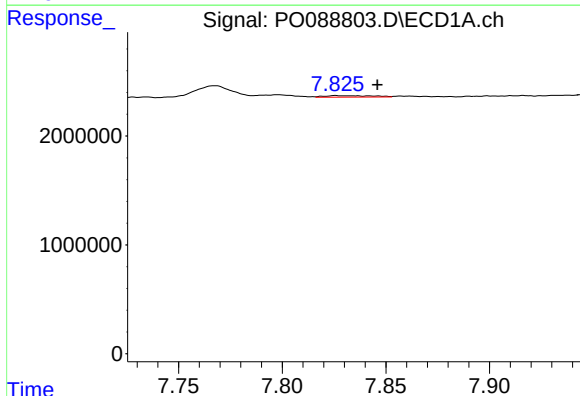
R.T.: 8.396 min
Delta R.T.: -0.007 min
Response: 473882
Conc: 2.57 ng/ml

Instrument :
ECD_O
ClientSampleId :



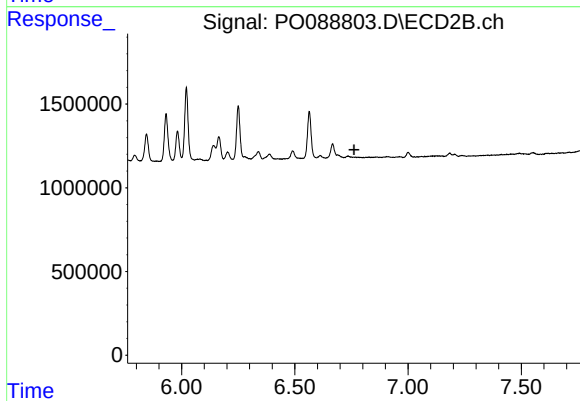
#35 AR-1260-5

R.T.: 7.205 min
Delta R.T.: -0.007 min
Response: 136389
Conc: 0.97 ng/ml



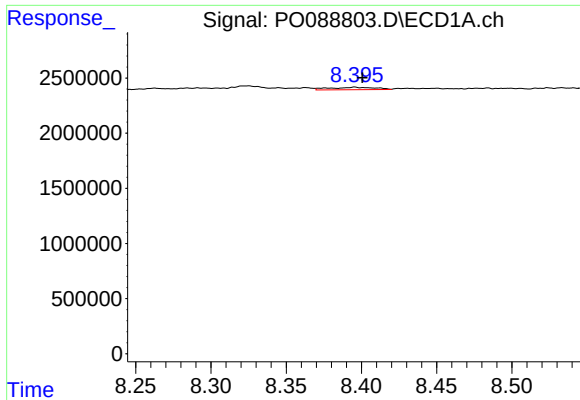
#36 AR-1262-1

R.T.: 7.826 min
Delta R.T.: -0.020 min
Response: 222729
Conc: 1.76 ng/ml



#36 AR-1262-1

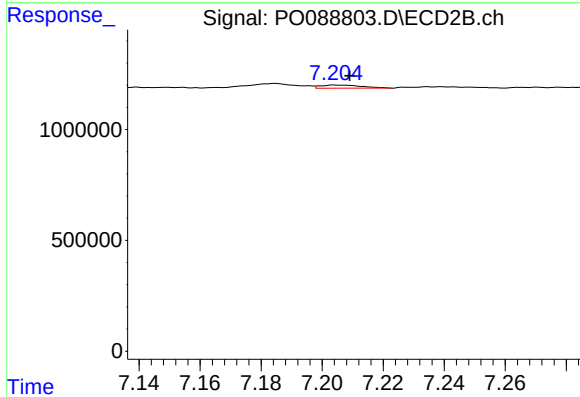
R.T.: 0.000 min
Exp R.T. : 6.761 min
Response: 0
Conc: N.D.



#37 AR-1262-2

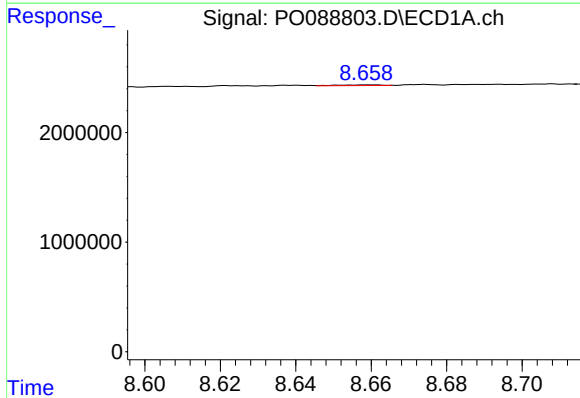
R.T.: 8.396 min
Delta R.T.: -0.005 min
Response: 473882
Conc: 2.26 ng/ml

Instrument :
ECD_O
ClientSampleId :



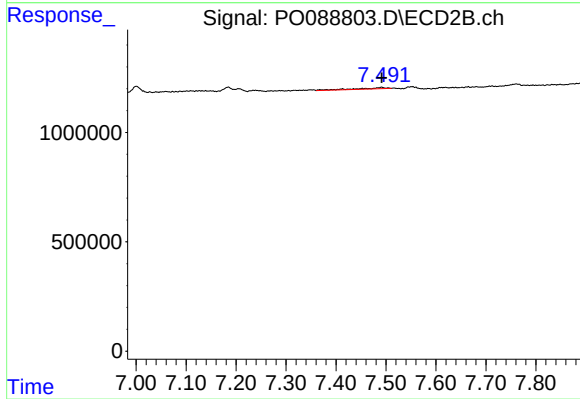
#37 AR-1262-2

R.T.: 7.205 min
Delta R.T.: -0.004 min
Response: 136389
Conc: 0.89 ng/ml



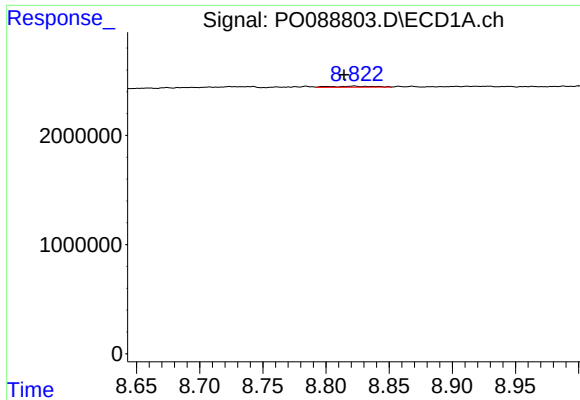
#38 AR-1262-3

R.T.: 8.660 min
Delta R.T.: -0.061 min
Response: 47393
Conc: 0.53 ng/ml



#38 AR-1262-3

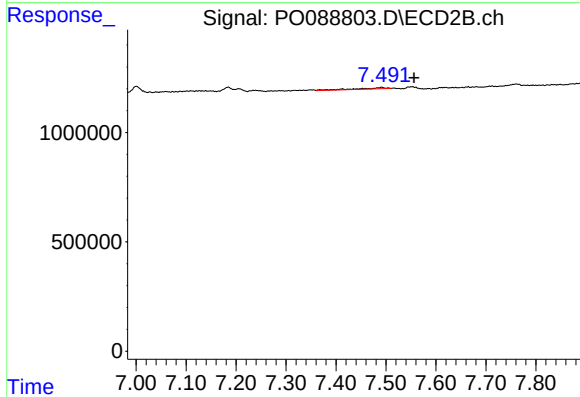
R.T.: 7.491 min
Delta R.T.: 0.000 min
Response: 236270
Conc: 3.83 ng/ml



#39 AR-1262-4

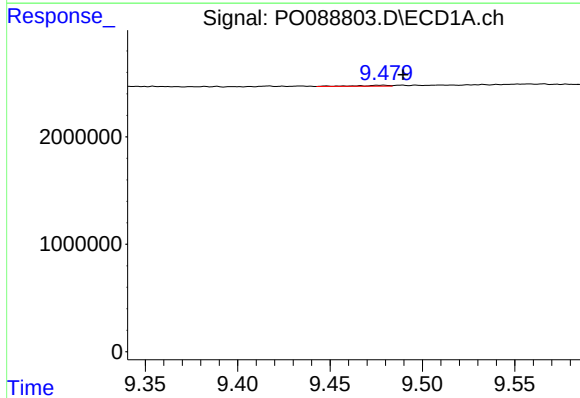
R.T.: 8.823 min
Delta R.T.: 0.008 min
Response: 231287
Conc: 3.51 ng/ml

Instrument :
ECD_O
ClientSampleId :



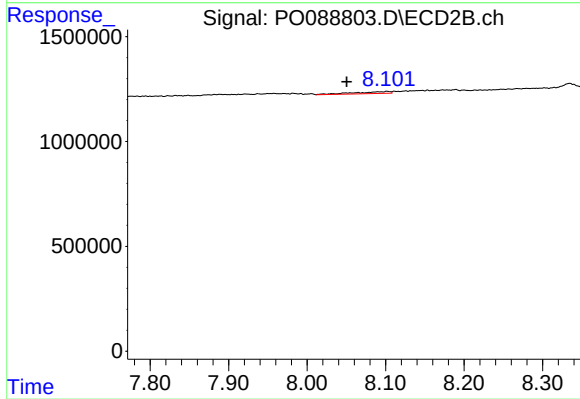
#39 AR-1262-4

R.T.: 7.491 min
Delta R.T.: -0.065 min
Response: 236270
Conc: 2.07 ng/ml



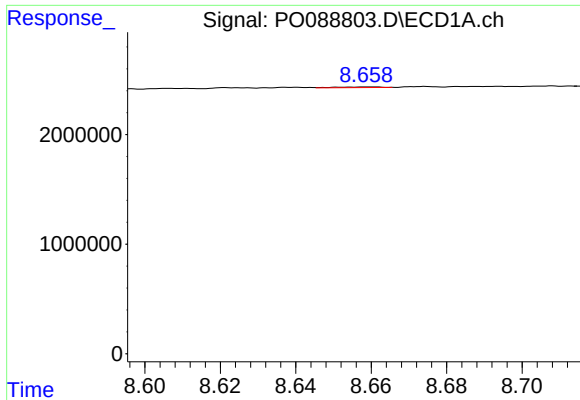
#40 AR-1262-5

R.T.: 9.478 min
Delta R.T.: -0.011 min
Response: 114839
Conc: 1.43 ng/ml



#40 AR-1262-5

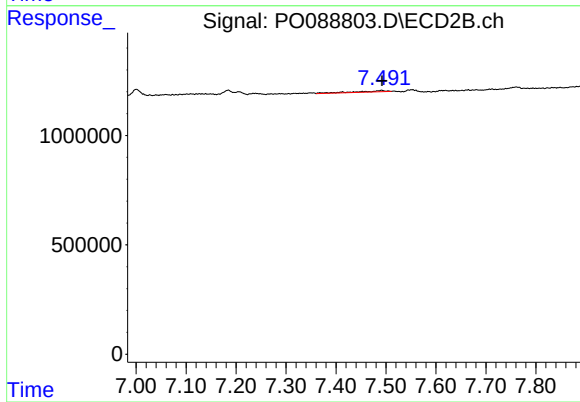
R.T.: 8.102 min
Delta R.T.: 0.051 min
Response: 280653
Conc: 5.23 ng/ml



#41 AR-1268-1

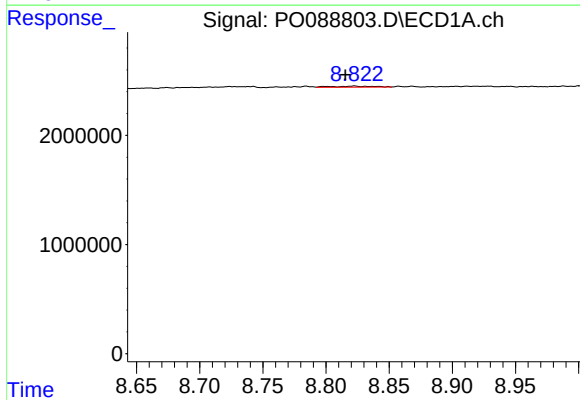
R.T.: 8.660 min
Delta R.T.: -0.059 min
Response: 47393
Conc: 0.19 ng/ml

Instrument :
ECD_O
ClientSampleId :



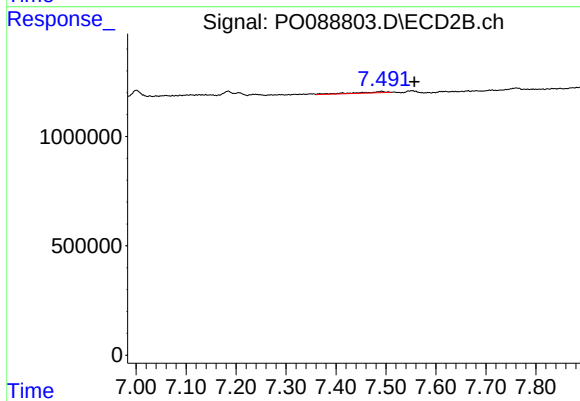
#41 AR-1268-1

R.T.: 7.491 min
Delta R.T.: 0.000 min
Response: 236270
Conc: 1.33 ng/ml



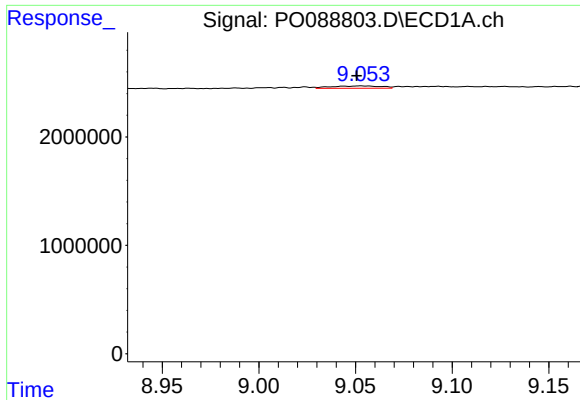
#42 AR-1268-2

R.T.: 8.823 min
Delta R.T.: 0.007 min
Response: 231287
Conc: 1.02 ng/ml



#42 AR-1268-2

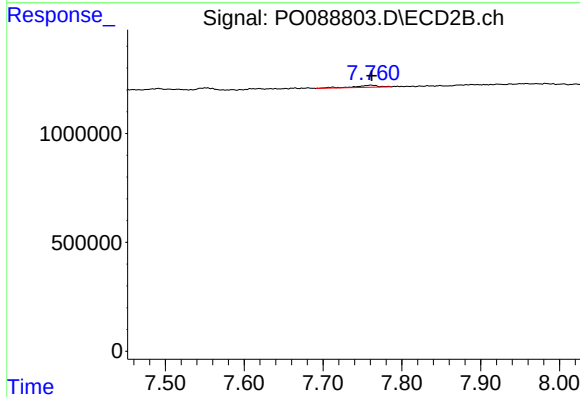
R.T.: 7.491 min
Delta R.T.: -0.066 min
Response: 236270
Conc: 1.47 ng/ml



#43 AR-1268-3

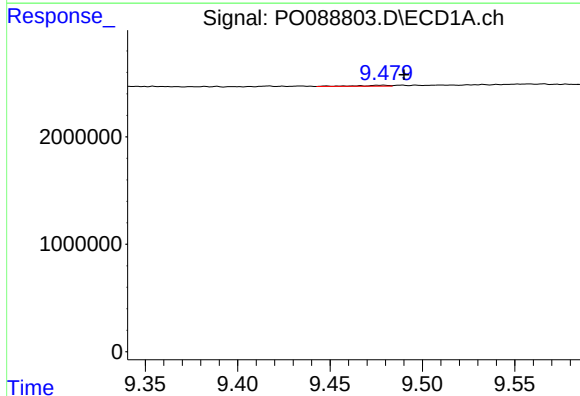
R.T.: 9.053 min
Delta R.T.: 0.002 min
Response: 388904
Conc: 1.98 ng/ml

Instrument :
ECD_O
ClientSampleId :



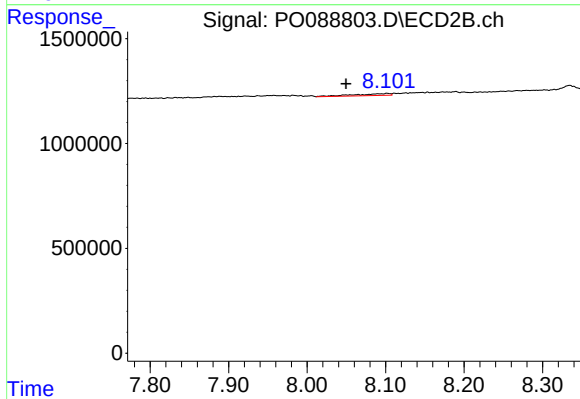
#43 AR-1268-3

R.T.: 7.761 min
Delta R.T.: -0.001 min
Response: 202992
Conc: 1.47 ng/ml



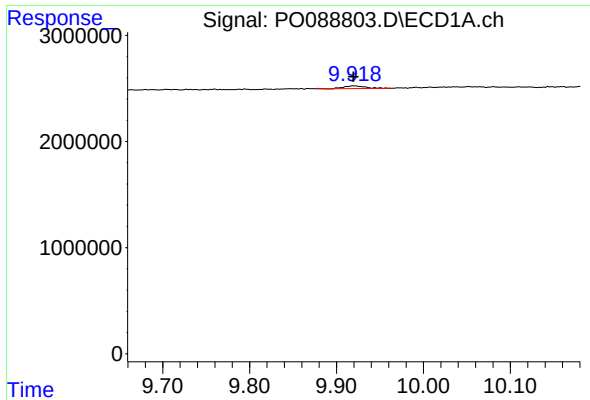
#44 AR-1268-4

R.T.: 9.478 min
Delta R.T.: -0.012 min
Response: 114839
Conc: 1.32 ng/ml



#44 AR-1268-4

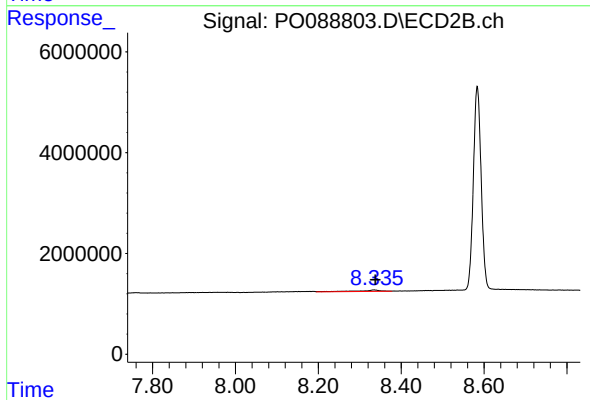
R.T.: 8.102 min
Delta R.T.: 0.052 min
Response: 280653
Conc: 4.85 ng/ml



#45 AR-1268-5

R.T.: 9.920 min
Delta R.T.: 0.000 min
Response: 454770
Conc: 0.73 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.334 min
Delta R.T.: -0.003 min
Response: 1028530
Conc: 2.52 ng/ml