

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0081623\
 Data File : P0097155.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Aug 2023 13:37
 Operator : YP/AJ
 Sample : AR1248CCC500
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 17 01:17:26 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0080723.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Aug 08 04:34:41 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...	4.412	3.616	159.8E6	64927278	48.278	49.046
2) SA Decachlor...	10.349	8.633	112.2E6	55182573	51.275	47.697
Target Compounds						
3) L1 AR-1016-1	5.598	4.701	29713175	13851160	315.481	312.413
4) L1 AR-1016-2	5.621	4.719	35422243	14188052	264.791	231.942
5) L1 AR-1016-3	5.684	4.897	17322071	9143974	199.056	279.902 #
6) L1 AR-1016-4	5.783	4.938	19182795	19664825	285.584	687.909 #
7) L1 AR-1016-5	6.086	5.152	47521165	24134234	680.653	627.736
8) L2 AR-1221-1	4.611	0.000	346700	0	8.507	N.D. #
9) L2 AR-1221-2	4.722	3.915	2632642	958654	86.658	74.195
10) L2 AR-1221-3	4.788	3.991	2523507	1172349	28.830	29.535
11) L3 AR-1232-1	4.788	3.991	2523507	1172349	34.600	36.243
12) L3 AR-1232-2	5.325	4.719	14112445	14188052	355.962	491.744 #
13) L3 AR-1232-3	5.621	4.897	35422243	9143974	579.054	603.090
14) L3 AR-1232-4	5.783	4.980	19182795	20777752	628.659	1390.313 #
15) L3 AR-1232-5	5.877	5.152	44822173	24134234	1601.754	1476.391
16) L4 AR-1242-1	5.598	4.701	29713175	13851160	354.501	351.330
17) L4 AR-1242-2	5.621	4.719	35422243	14188052	300.796	260.375
18) L4 AR-1242-3	5.684	4.897	17322071	9143974	234.486	309.246 #
19) L4 AR-1242-4	5.783	4.980	19182795	20777752	322.236	659.320 #
20) L4 AR-1242-5	6.538	5.504	45203325	32079394	821.584	880.427
21) L5 AR-1248-1	5.598	4.701	29713175	13851160	507.102	493.582
22) L5 AR-1248-2	5.877	4.938	44822173	19664825	476.742	464.001
23) L5 AR-1248-3	6.086	4.980	47521165	20777752	485.857	473.675
24) L5 AR-1248-4	6.498	5.152	46738137	24134234	514.491	472.758
25) L5 AR-1248-5	6.538	5.545	45203325	22599248	513.173	483.387
26) L6 AR-1254-1	6.470	5.504	37274548	32079394	341.059	434.703 #
27) L6 AR-1254-2	6.699	5.653	47572578	10452960	295.065	158.666 #
28) L6 AR-1254-3	7.073	6.057	25893240	15261101	165.244	151.007
29) L6 AR-1254-4	7.366	6.286	16259431	10478282	161.275	181.051
30) L6 AR-1254-5	7.795	6.705	3729427	3083815	33.235	35.077
31) L7 AR-1260-1	7.243	6.201	3416560	7441329	27.183	105.749 #
32) L7 AR-1260-2	7.504	6.376	3346513	1476894	24.838	17.695 #
33) L7 AR-1260-3	7.868	6.528	828060	1561291	7.979	20.219 #
34) L7 AR-1260-4	8.095	7.001	2324631	168341	20.792	2.627 #
35) L7 AR-1260-5	8.444	7.246	1168036	467246	5.563	3.370 #
36) L8 AR-1262-1	7.868	6.773	828060	419012	5.575	10.643 #
37) L8 AR-1262-2	8.444	7.001	1168036	168341	5.046	2.076 #
38) L8 AR-1262-3	8.739	7.527	-26951	140735	N.D.	2.193 #
39) L8 AR-1262-4	8.854	7.594	88294	397792	1.211	3.502 #
40) L8 AR-1262-5	9.549	0.000	184266	0	2.213	N.D. #
41) L9 AR-1268-1	8.739	7.527	-26951	140735	N.D.	0.760 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0081623\
 Data File : P0097155.D
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 Acq On : 16 Aug 2023 13:37
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Instrument :
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Integration File signal 1: autoint1.e
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 Quant Time: Aug 17 01:17:26 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0080723.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Aug 08 04:34:41 2023
 Response via : Initial Calibration
 Integrator: ChemStation

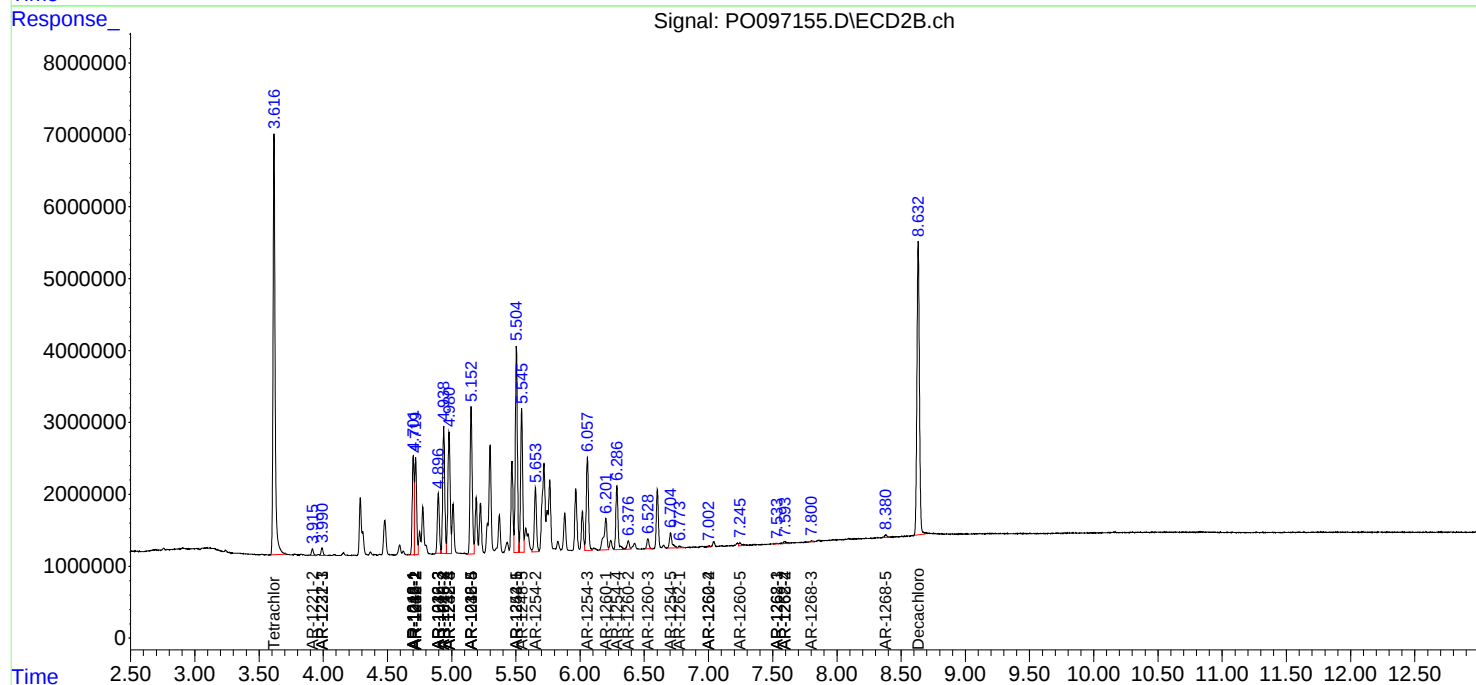
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

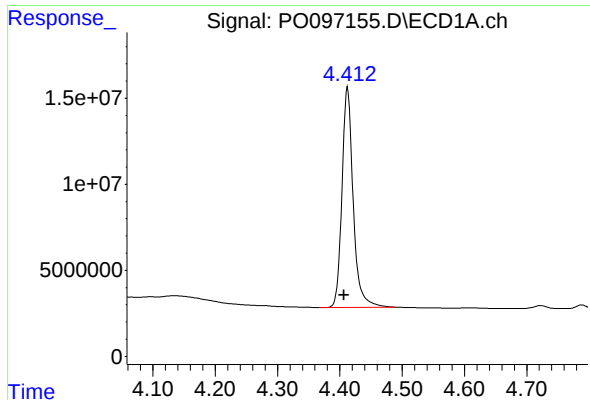
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.854	7.594	88294	397792	0.322	2.372 #
43) L9	AR-1268-3	9.103	7.801	721034	157881	2.823	1.093 #
44) L9	AR-1268-4	9.549	0.000	184266	0	1.987	N.D. #
45) L9	AR-1268-5	9.989	8.380	710046	447288	0.879	1.075

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

Instrument :
ECD_O
ClientSampleId :

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

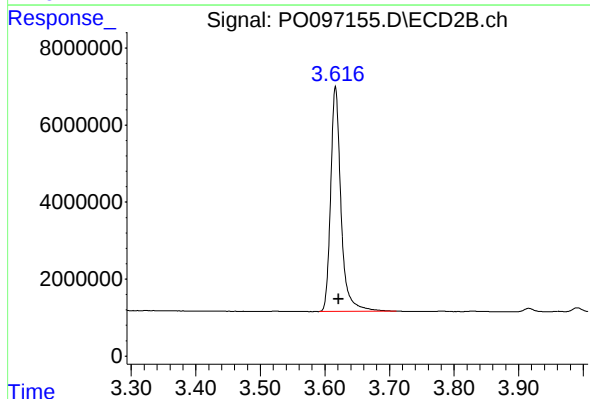




#1 Tetrachloro-m-xylene

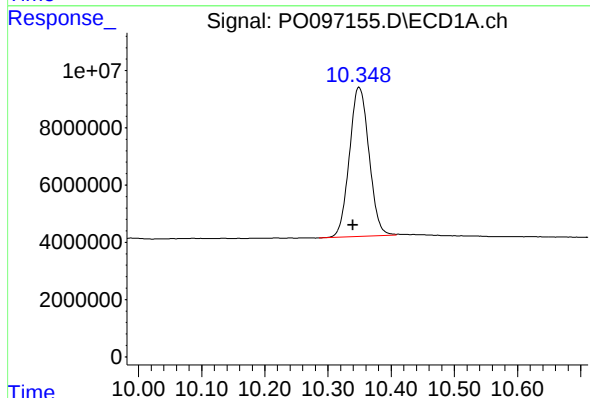
R.T.: 4.412 min
Delta R.T.: 0.005 min
Response: 159810360
Conc: 48.28 ng/ml

Instrument :
ECD_O
ClientSampleId :



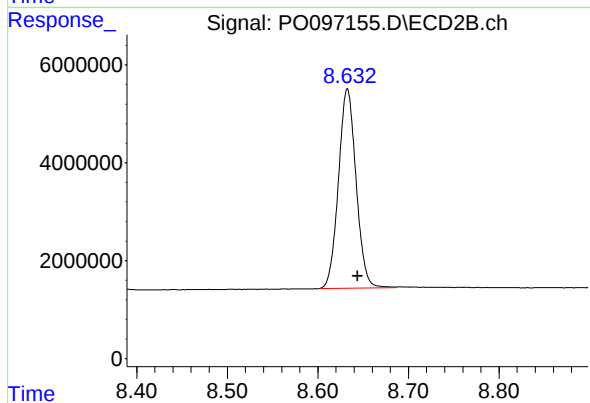
#1 Tetrachloro-m-xylene

R.T.: 3.616 min
Delta R.T.: -0.005 min
Response: 64927278
Conc: 49.05 ng/ml



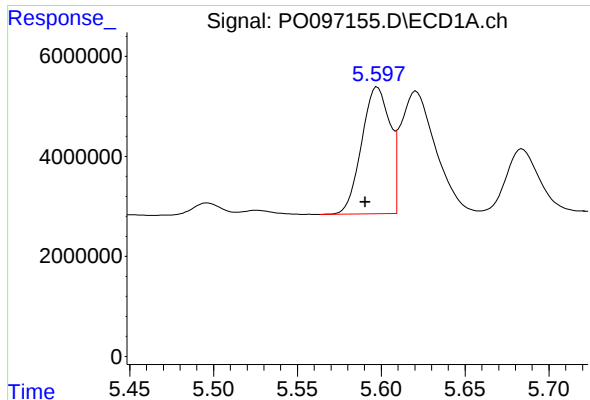
#2 Decachlorobiphenyl

R.T.: 10.349 min
Delta R.T.: 0.010 min
Response: 112200252
Conc: 51.28 ng/ml



#2 Decachlorobiphenyl

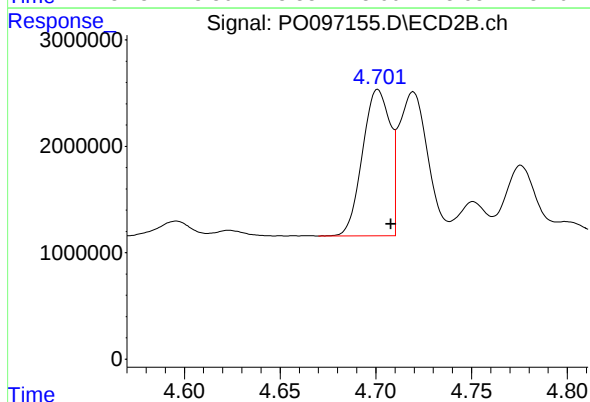
R.T.: 8.633 min
Delta R.T.: -0.012 min
Response: 55182573
Conc: 47.70 ng/ml



#3 AR-1016-1

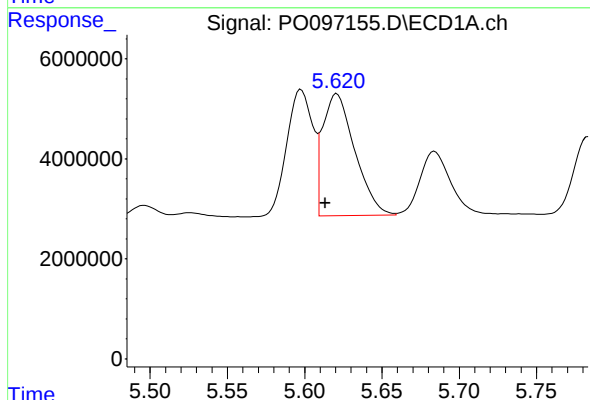
R.T.: 5.598 min
Delta R.T.: 0.007 min
Response: 29713175
Conc: 315.48 ng/ml

Instrument :
ECD_O
ClientSampleId :



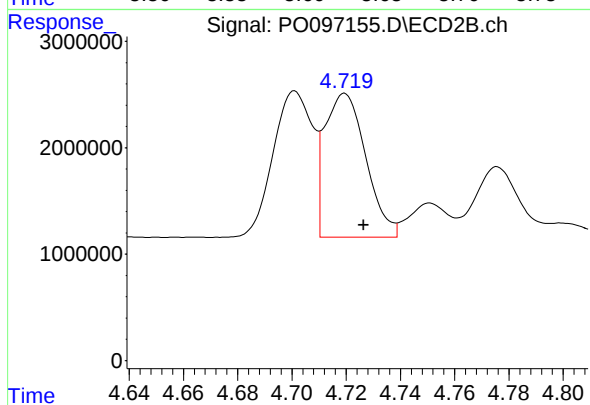
#3 AR-1016-1

R.T.: 4.701 min
Delta R.T.: -0.007 min
Response: 13851160
Conc: 312.41 ng/ml



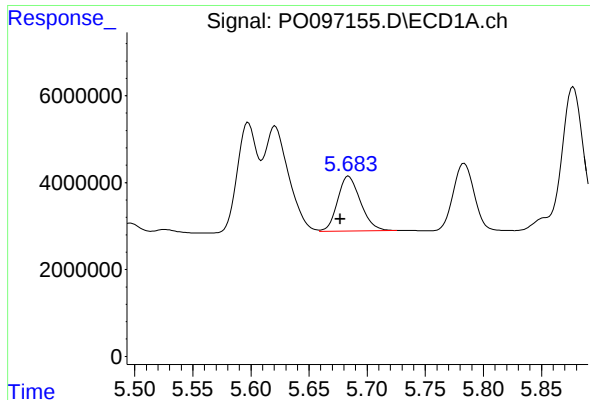
#4 AR-1016-2

R.T.: 5.621 min
Delta R.T.: 0.007 min
Response: 35422243
Conc: 264.79 ng/ml



#4 AR-1016-2

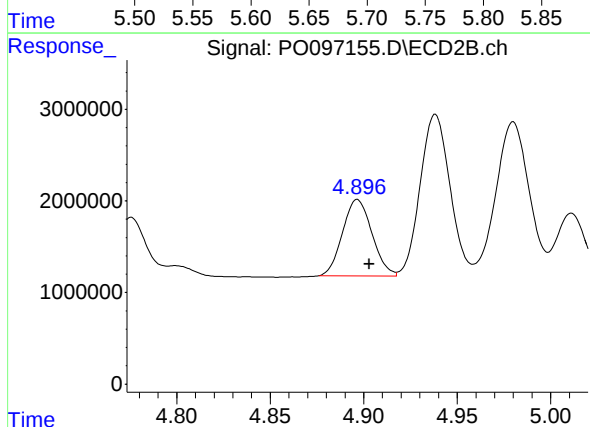
R.T.: 4.719 min
Delta R.T.: -0.007 min
Response: 14188052
Conc: 231.94 ng/ml



#5 AR-1016-3

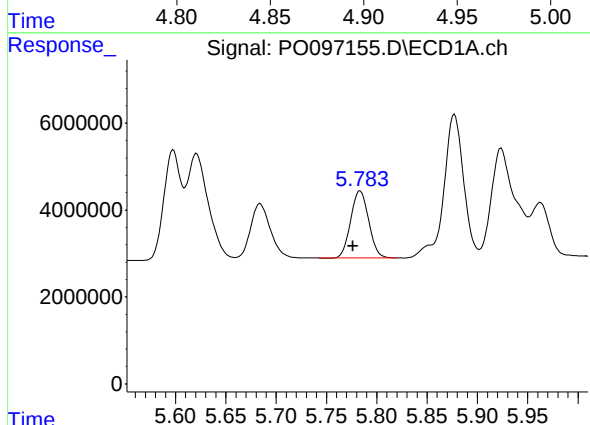
R.T.: 5.684 min
Delta R.T.: 0.007 min
Response: 17322071
Conc: 199.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



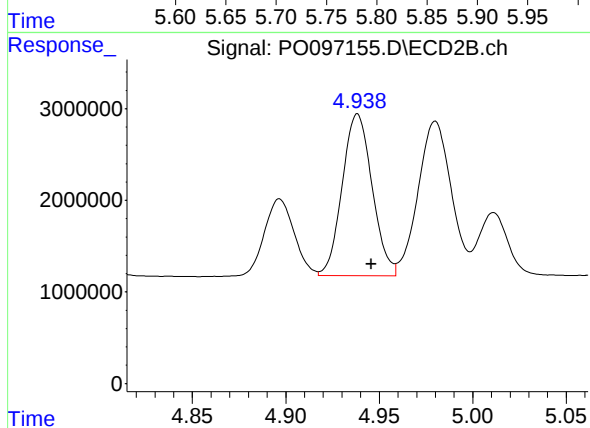
#5 AR-1016-3

R.T.: 4.897 min
Delta R.T.: -0.006 min
Response: 9143974
Conc: 279.90 ng/ml



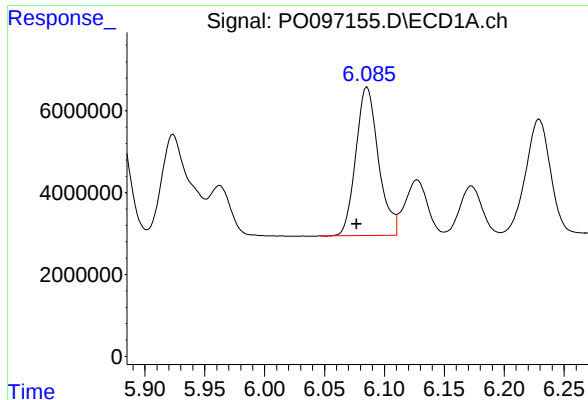
#6 AR-1016-4

R.T.: 5.783 min
Delta R.T.: 0.007 min
Response: 19182795
Conc: 285.58 ng/ml



#6 AR-1016-4

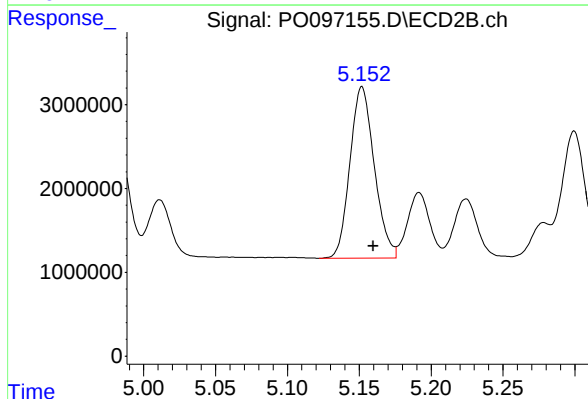
R.T.: 4.938 min
Delta R.T.: -0.007 min
Response: 19664825
Conc: 687.91 ng/ml



#7 AR-1016-5

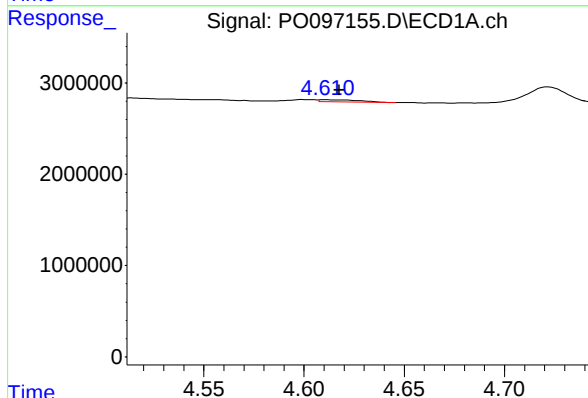
R.T.: 6.086 min
Delta R.T.: 0.009 min
Response: 47521165
Conc: 680.65 ng/ml

Instrument :
ECD_O
ClientSampleId :



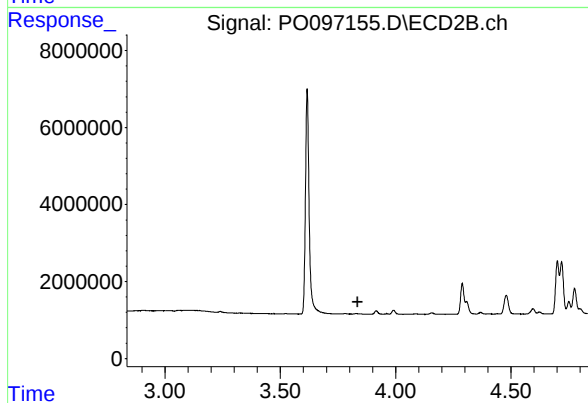
#7 AR-1016-5

R.T.: 5.152 min
Delta R.T.: -0.008 min
Response: 24134234
Conc: 627.74 ng/ml



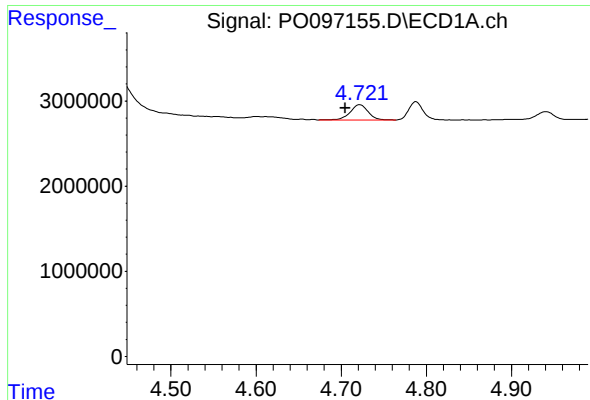
#8 AR-1221-1

R.T.: 4.611 min
Delta R.T.: -0.006 min
Response: 346700
Conc: 8.51 ng/ml



#8 AR-1221-1

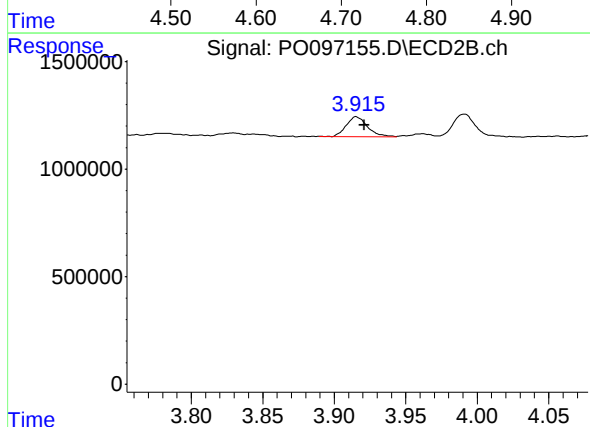
R.T.: 0.000 min
Exp R.T.: 3.835 min
Response: 0
Conc: N.D.



#9 AR-1221-2

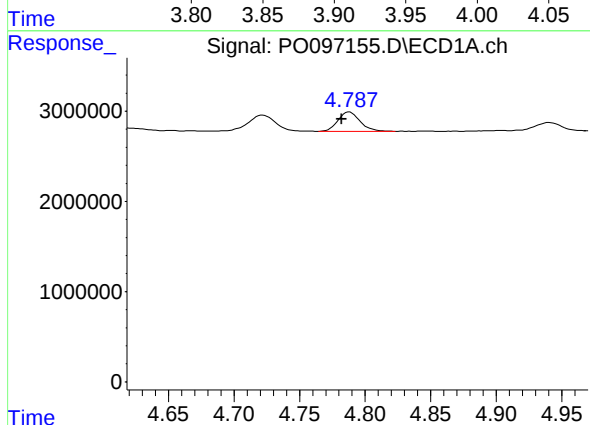
R.T.: 4.722 min
Delta R.T.: 0.017 min
Response: 2632642
Conc: 86.66 ng/ml

Instrument :
ECD_O
ClientSampleId :



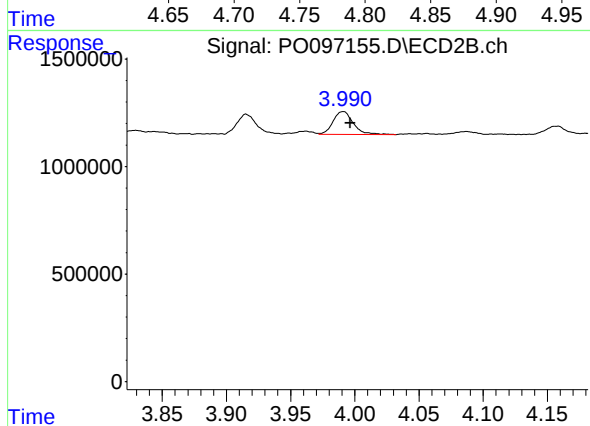
#9 AR-1221-2

R.T.: 3.915 min
Delta R.T.: -0.005 min
Response: 958654
Conc: 74.20 ng/ml



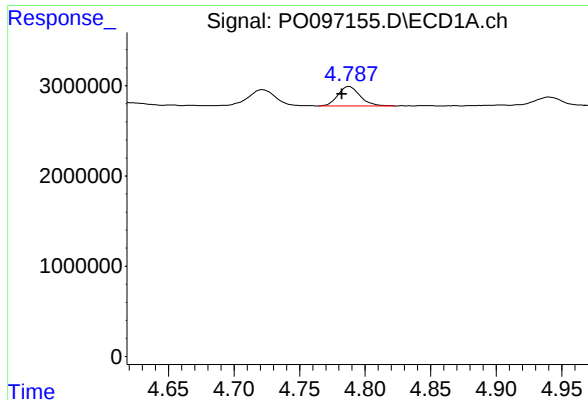
#10 AR-1221-3

R.T.: 4.788 min
Delta R.T.: 0.006 min
Response: 2523507
Conc: 28.83 ng/ml



#10 AR-1221-3

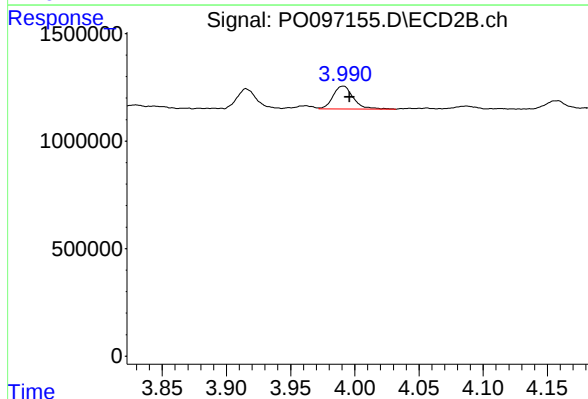
R.T.: 3.991 min
Delta R.T.: -0.006 min
Response: 1172349
Conc: 29.53 ng/ml



#11 AR-1232-1

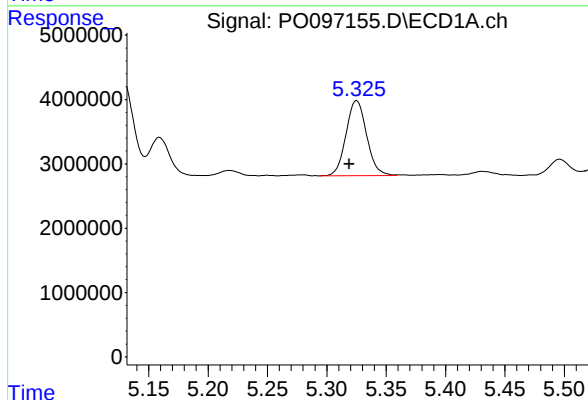
R.T.: 4.788 min
Delta R.T.: 0.006 min
Response: 2523507
Conc: 34.60 ng/ml

Instrument :
ECD_O
ClientSampleId :



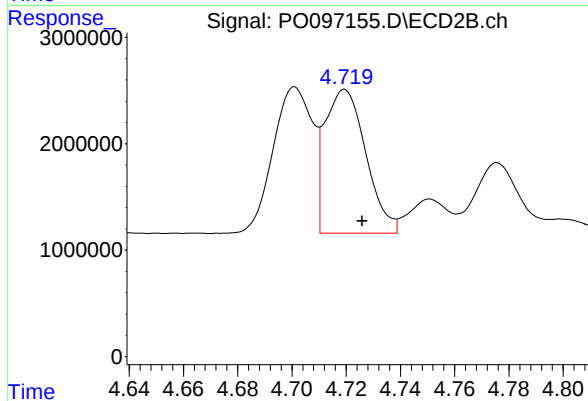
#11 AR-1232-1

R.T.: 3.991 min
Delta R.T.: -0.005 min
Response: 1172349
Conc: 36.24 ng/ml



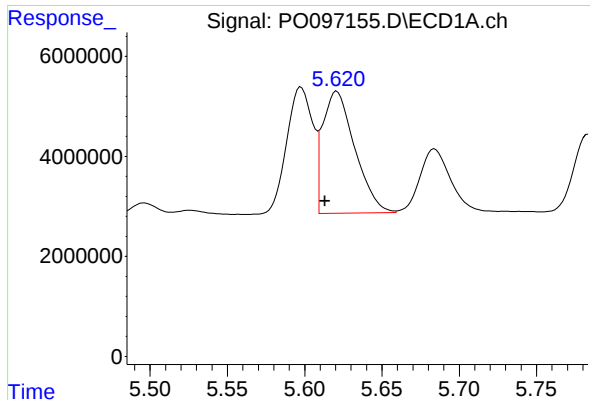
#12 AR-1232-2

R.T.: 5.325 min
Delta R.T.: 0.006 min
Response: 14112445
Conc: 355.96 ng/ml



#12 AR-1232-2

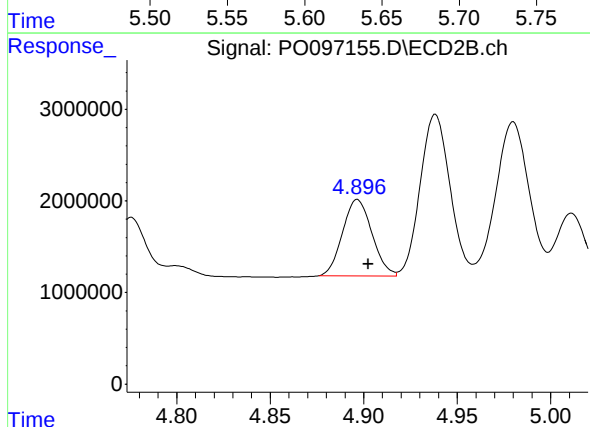
R.T.: 4.719 min
Delta R.T.: -0.006 min
Response: 14188052
Conc: 491.74 ng/ml



#13 AR-1232-3

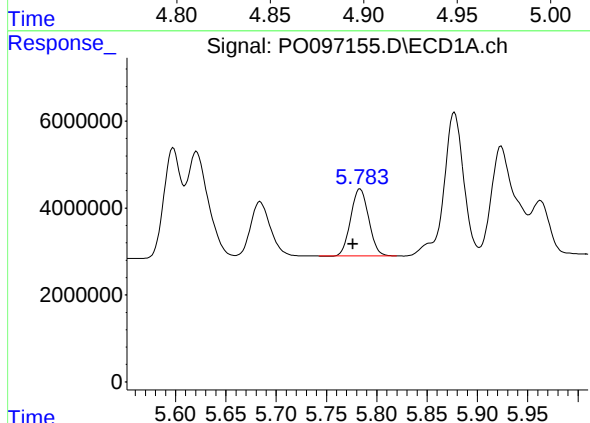
R.T.: 5.621 min
Delta R.T.: 0.008 min
Response: 35422243
Conc: 579.05 ng/ml

Instrument :
ECD_O
ClientSampleId :



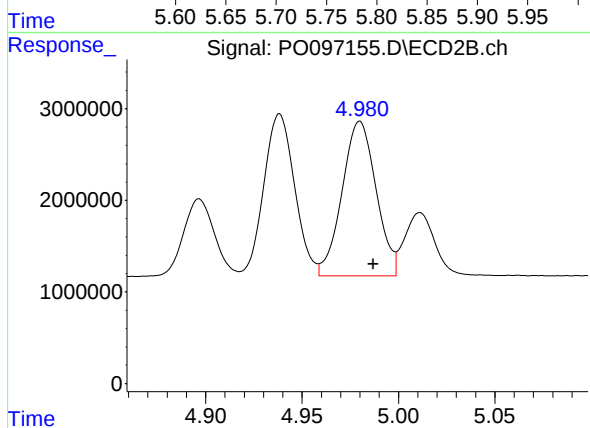
#13 AR-1232-3

R.T.: 4.897 min
Delta R.T.: -0.006 min
Response: 9143974
Conc: 603.09 ng/ml



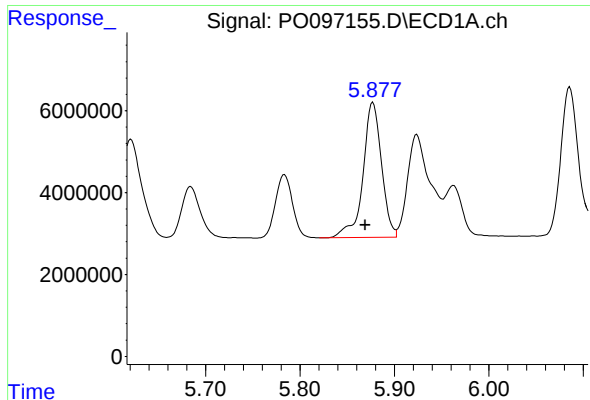
#14 AR-1232-4

R.T.: 5.783 min
Delta R.T.: 0.007 min
Response: 19182795
Conc: 628.66 ng/ml



#14 AR-1232-4

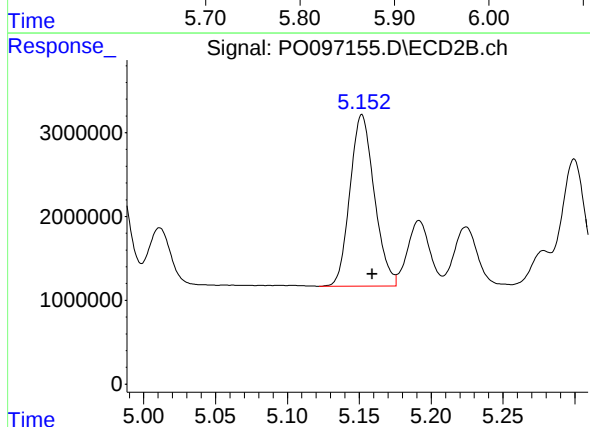
R.T.: 4.980 min
Delta R.T.: -0.007 min
Response: 20777752
Conc: 1390.31 ng/ml



#15 AR-1232-5

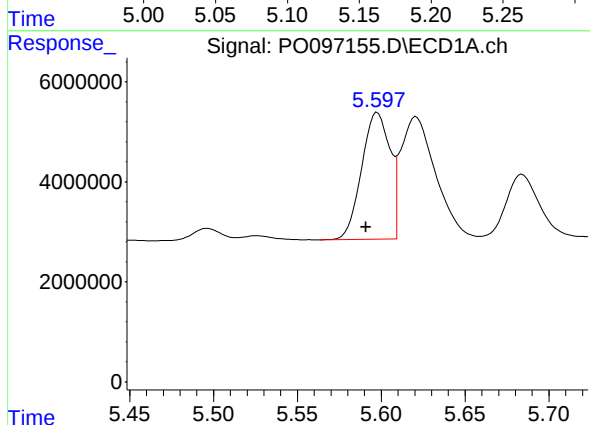
R.T.: 5.877 min
Delta R.T.: 0.008 min
Response: 44822173
Conc: 1601.75 ng/ml

Instrument :
ECD_O
ClientSampleId :



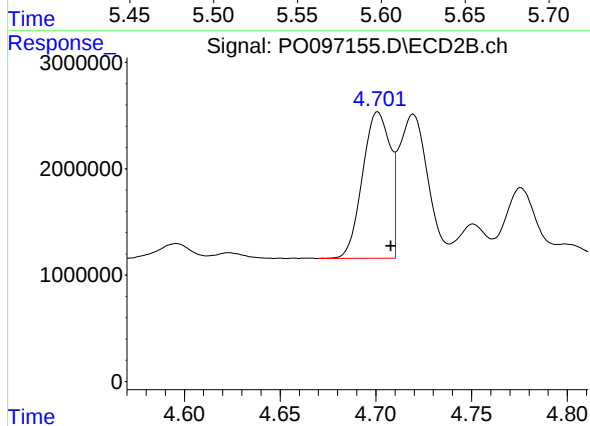
#15 AR-1232-5

R.T.: 5.152 min
Delta R.T.: -0.007 min
Response: 24134234
Conc: 1476.39 ng/ml



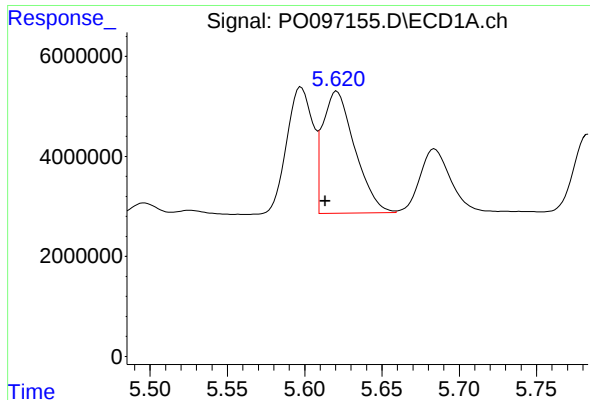
#16 AR-1242-1

R.T.: 5.598 min
Delta R.T.: 0.007 min
Response: 29713175
Conc: 354.50 ng/ml



#16 AR-1242-1

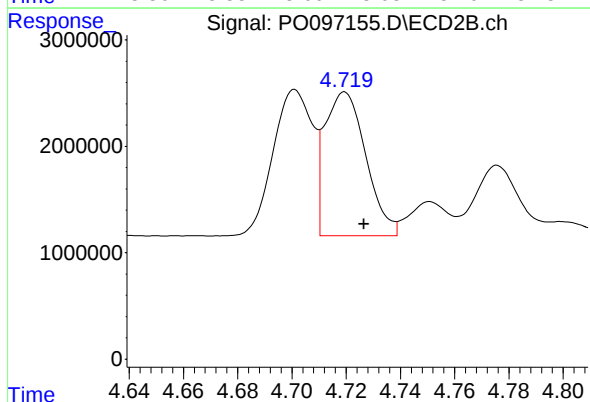
R.T.: 4.701 min
Delta R.T.: -0.007 min
Response: 13851160
Conc: 351.33 ng/ml



#17 AR-1242-2

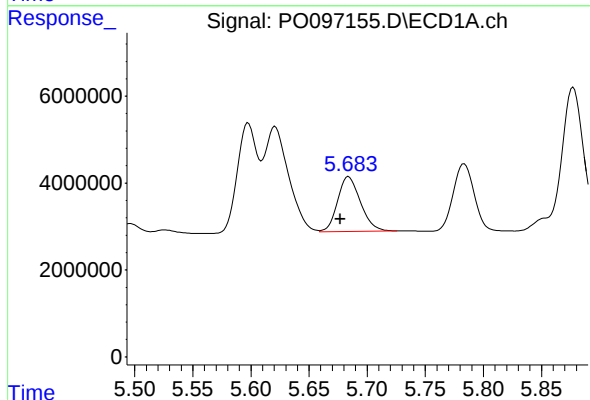
R.T.: 5.621 min
Delta R.T.: 0.007 min
Response: 35422243
Conc: 300.80 ng/ml

Instrument :
ECD_O
ClientSampleId :



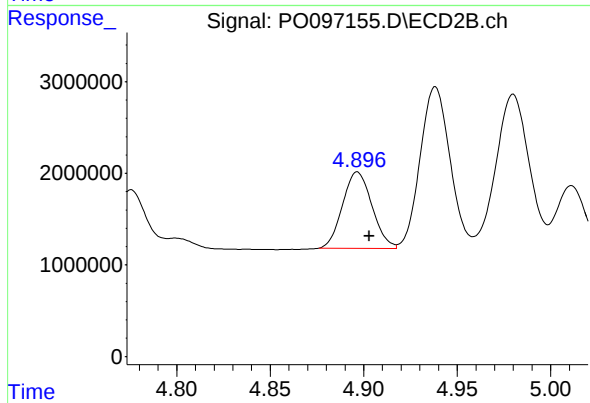
#17 AR-1242-2

R.T.: 4.719 min
Delta R.T.: -0.007 min
Response: 14188052
Conc: 260.37 ng/ml



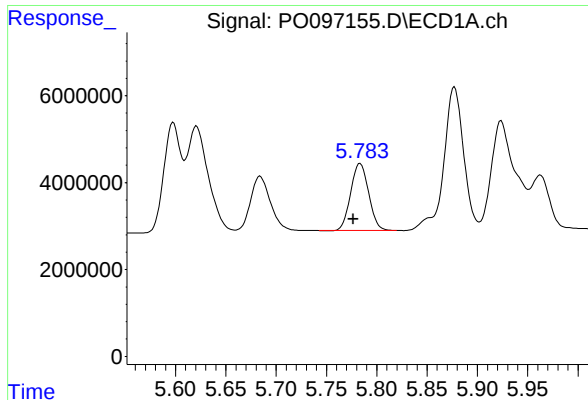
#18 AR-1242-3

R.T.: 5.684 min
Delta R.T.: 0.007 min
Response: 17322071
Conc: 234.49 ng/ml



#18 AR-1242-3

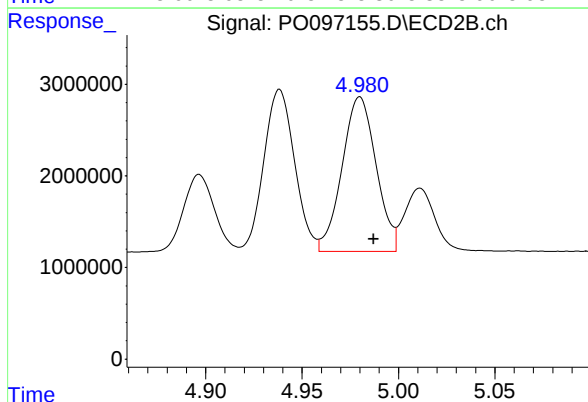
R.T.: 4.897 min
Delta R.T.: -0.006 min
Response: 9143974
Conc: 309.25 ng/ml



#19 AR-1242-4

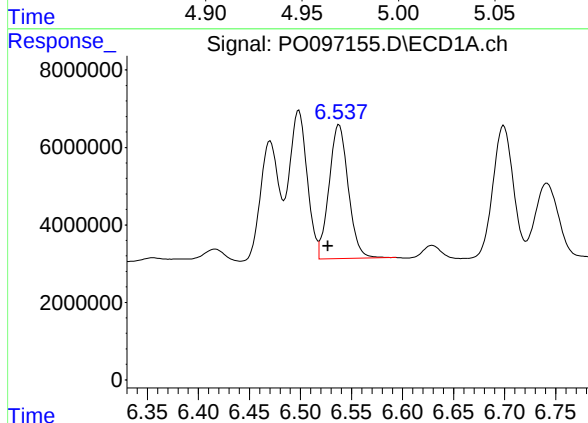
R.T.: 5.783 min
Delta R.T.: 0.007 min
Response: 19182795
Conc: 322.24 ng/ml

Instrument :
ECD_O
ClientSampleId :



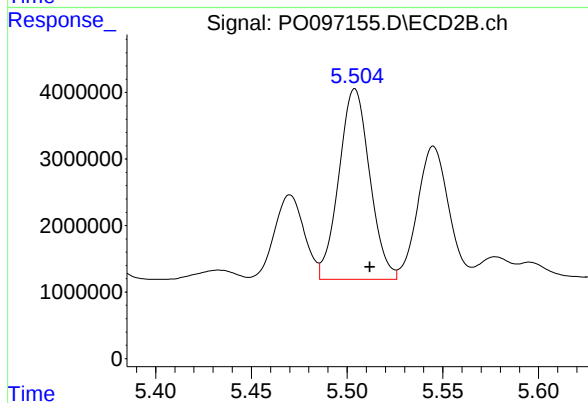
#19 AR-1242-4

R.T.: 4.980 min
Delta R.T.: -0.007 min
Response: 20777752
Conc: 659.32 ng/ml



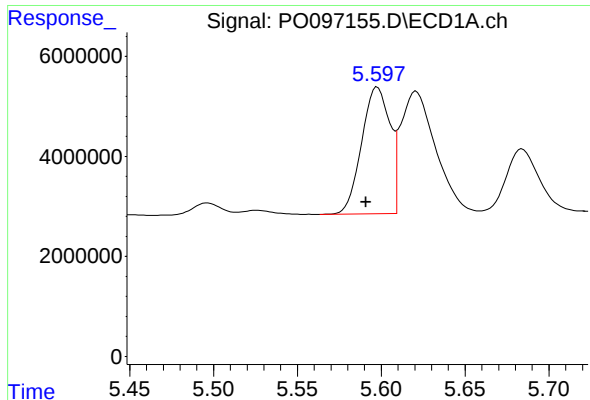
#20 AR-1242-5

R.T.: 6.538 min
Delta R.T.: 0.011 min
Response: 45203325
Conc: 821.58 ng/ml



#20 AR-1242-5

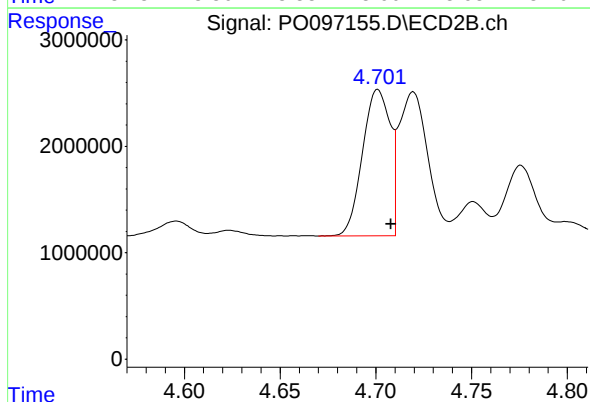
R.T.: 5.504 min
Delta R.T.: -0.008 min
Response: 32079394
Conc: 880.43 ng/ml



#21 AR-1248-1

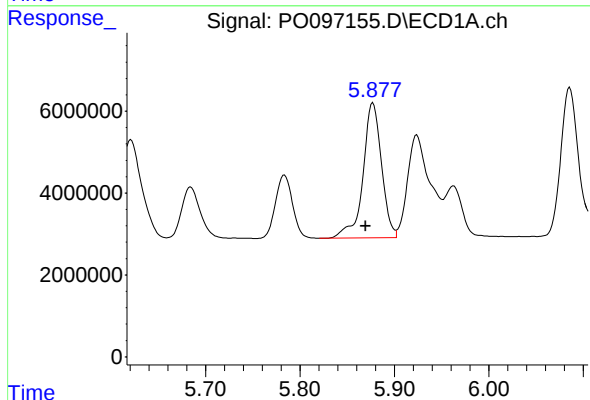
R.T.: 5.598 min
Delta R.T.: 0.007 min
Response: 29713175
Conc: 507.10 ng/ml

Instrument :
ECD_O
ClientSampleId :



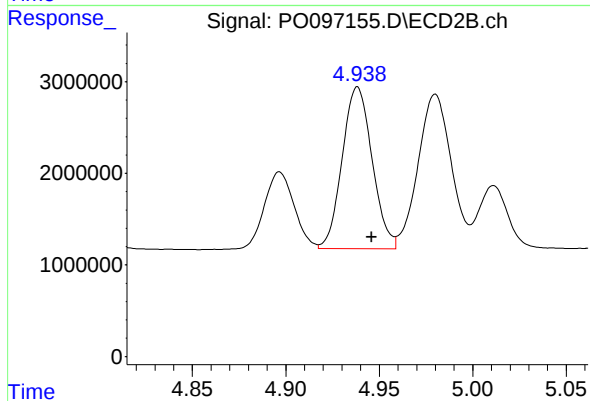
#21 AR-1248-1

R.T.: 4.701 min
Delta R.T.: -0.007 min
Response: 13851160
Conc: 493.58 ng/ml



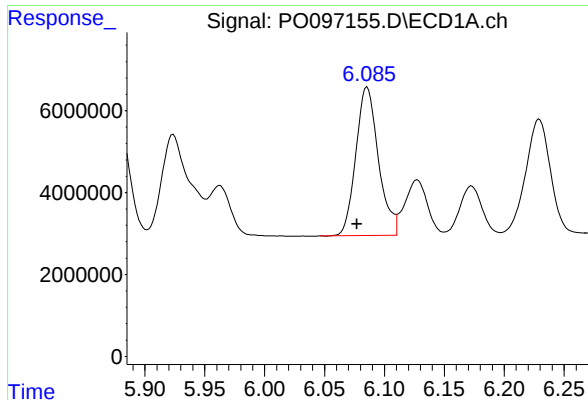
#22 AR-1248-2

R.T.: 5.877 min
Delta R.T.: 0.008 min
Response: 44822173
Conc: 476.74 ng/ml



#22 AR-1248-2

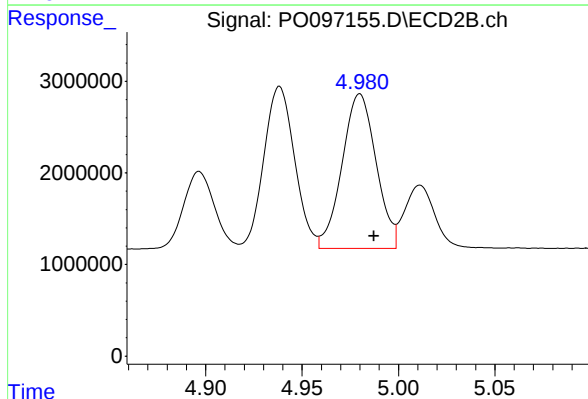
R.T.: 4.938 min
Delta R.T.: -0.007 min
Response: 19664825
Conc: 464.00 ng/ml



#23 AR-1248-3

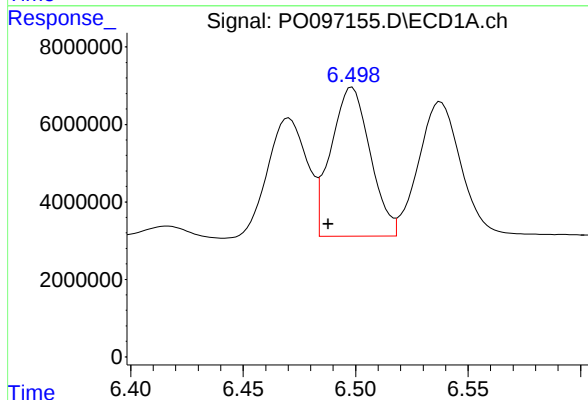
R.T.: 6.086 min
Delta R.T.: 0.009 min
Response: 47521165
Conc: 485.86 ng/ml

Instrument :
ECD_O
ClientSampleId :



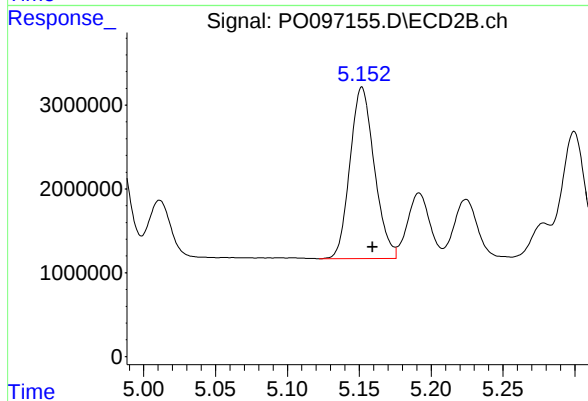
#23 AR-1248-3

R.T.: 4.980 min
Delta R.T.: -0.007 min
Response: 20777752
Conc: 473.67 ng/ml



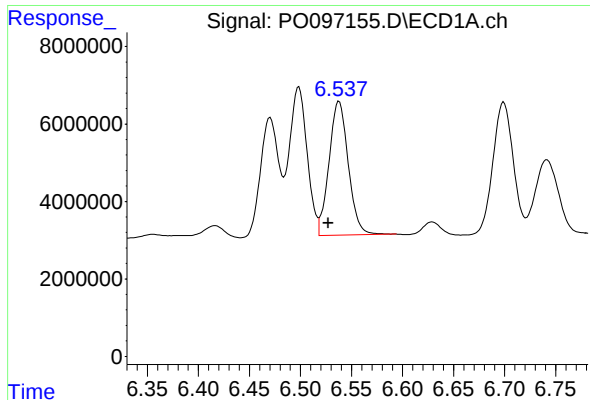
#24 AR-1248-4

R.T.: 6.498 min
Delta R.T.: 0.011 min
Response: 46738137
Conc: 514.49 ng/ml



#24 AR-1248-4

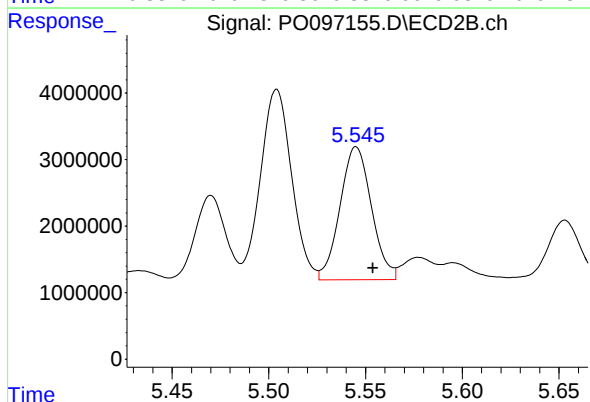
R.T.: 5.152 min
Delta R.T.: -0.007 min
Response: 24134234
Conc: 472.76 ng/ml



#25 AR-1248-5

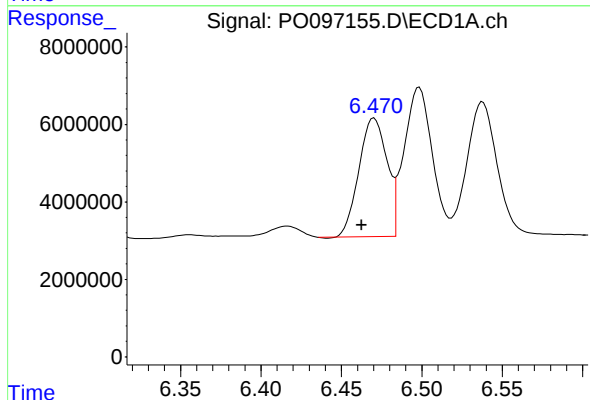
R.T.: 6.538 min
Delta R.T.: 0.011 min
Response: 45203325
Conc: 513.17 ng/ml

Instrument :
ECD_O
ClientSampleId :



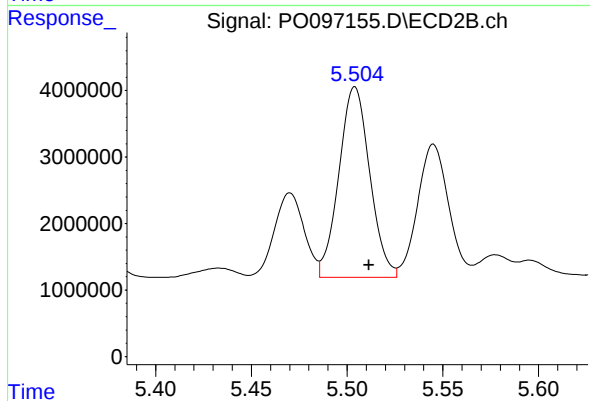
#25 AR-1248-5

R.T.: 5.545 min
Delta R.T.: -0.009 min
Response: 22599248
Conc: 483.39 ng/ml



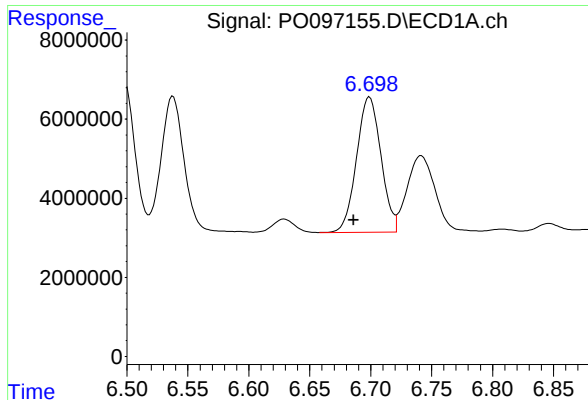
#26 AR-1254-1

R.T.: 6.470 min
Delta R.T.: 0.008 min
Response: 37274548
Conc: 341.06 ng/ml



#26 AR-1254-1

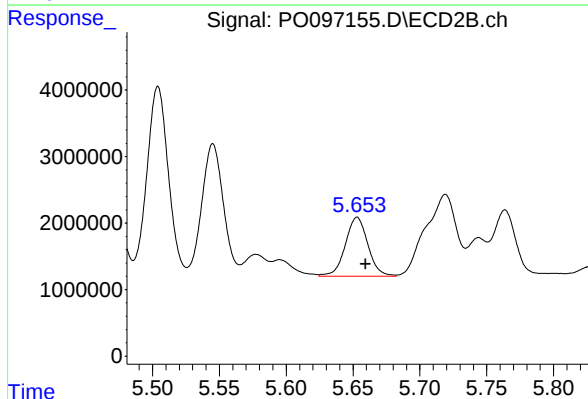
R.T.: 5.504 min
Delta R.T.: -0.007 min
Response: 32079394
Conc: 434.70 ng/ml



#27 AR-1254-2

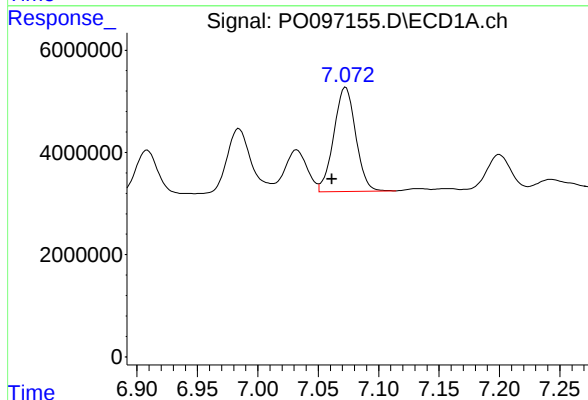
R.T.: 6.699 min
Delta R.T.: 0.013 min
Response: 47572578
Conc: 295.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



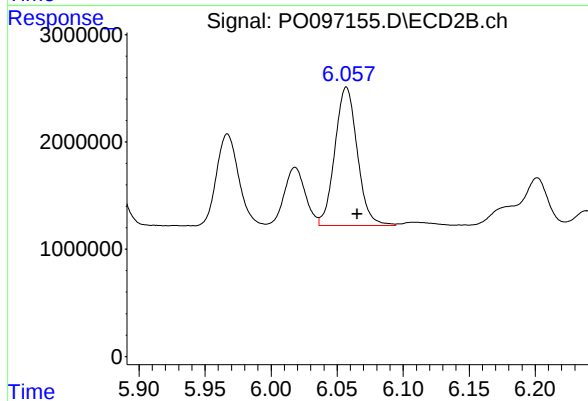
#27 AR-1254-2

R.T.: 5.653 min
Delta R.T.: -0.006 min
Response: 10452960
Conc: 158.67 ng/ml



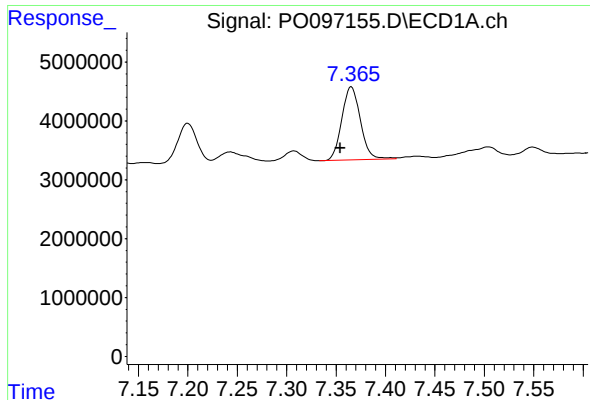
#28 AR-1254-3

R.T.: 7.073 min
Delta R.T.: 0.012 min
Response: 25893240
Conc: 165.24 ng/ml



#28 AR-1254-3

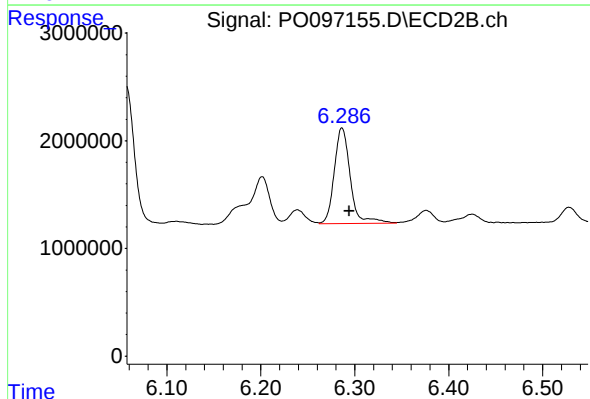
R.T.: 6.057 min
Delta R.T.: -0.008 min
Response: 15261101
Conc: 151.01 ng/ml



#29 AR-1254-4

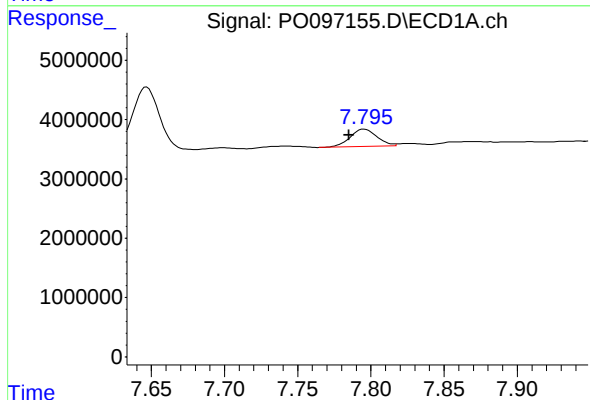
R.T.: 7.366 min
Delta R.T.: 0.011 min
Response: 16259431
Conc: 161.27 ng/ml

Instrument :
ECD_O
ClientSampleId :



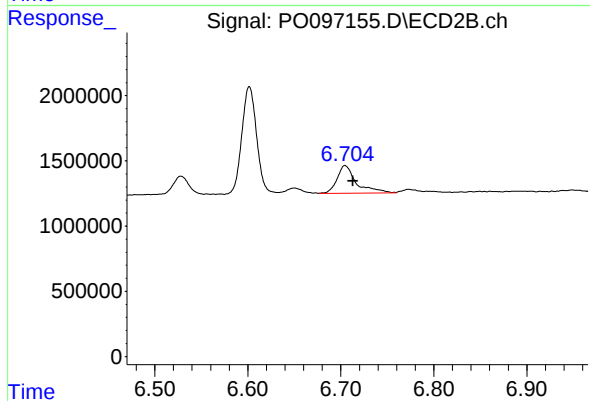
#29 AR-1254-4

R.T.: 6.286 min
Delta R.T.: -0.008 min
Response: 10478282
Conc: 181.05 ng/ml



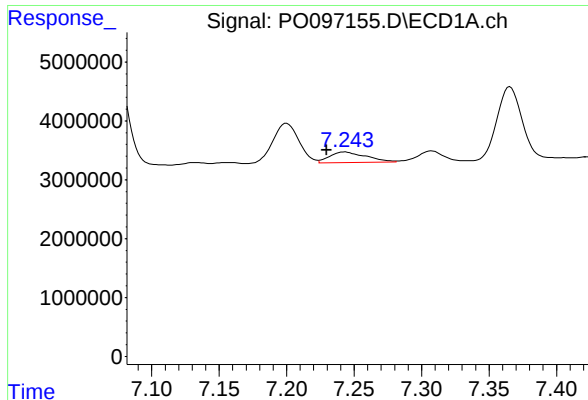
#30 AR-1254-5

R.T.: 7.795 min
Delta R.T.: 0.011 min
Response: 3729427
Conc: 33.23 ng/ml



#30 AR-1254-5

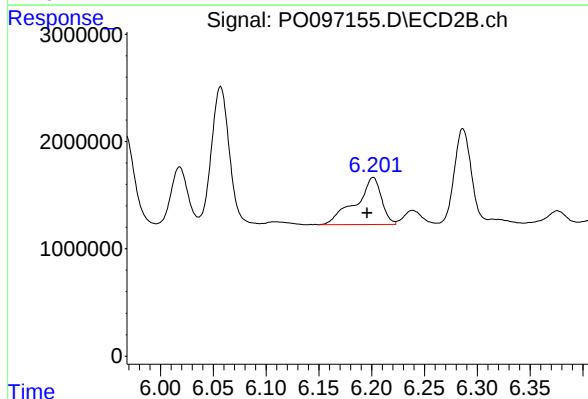
R.T.: 6.705 min
Delta R.T.: -0.008 min
Response: 3083815
Conc: 35.08 ng/ml



#31 AR-1260-1

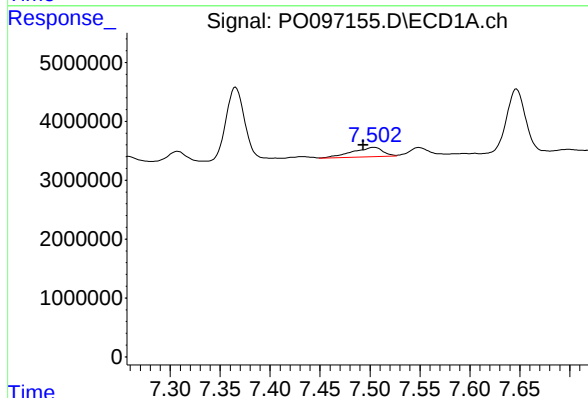
R.T.: 7.243 min
Delta R.T.: 0.013 min
Response: 3416560
Conc: 27.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



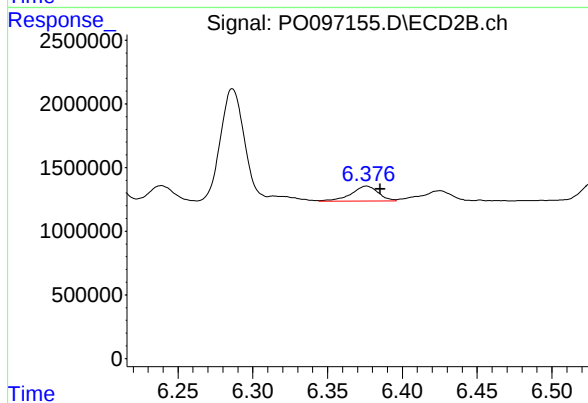
#31 AR-1260-1

R.T.: 6.201 min
Delta R.T.: 0.005 min
Response: 7441329
Conc: 105.75 ng/ml



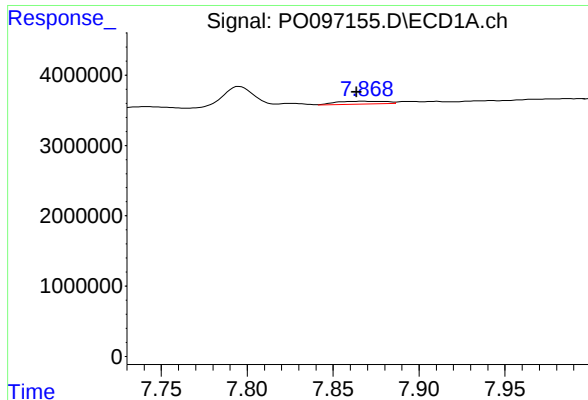
#32 AR-1260-2

R.T.: 7.504 min
Delta R.T.: 0.011 min
Response: 3346513
Conc: 24.84 ng/ml



#32 AR-1260-2

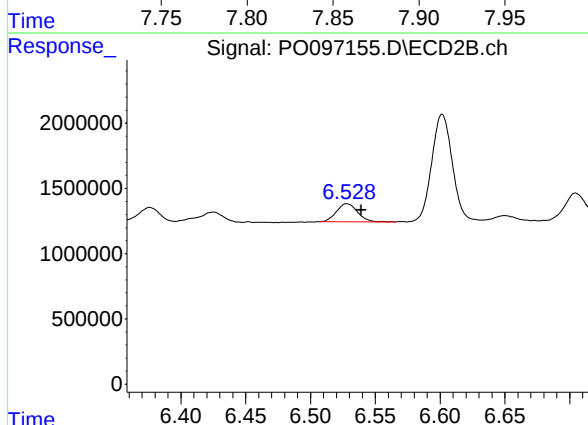
R.T.: 6.376 min
Delta R.T.: -0.009 min
Response: 1476894
Conc: 17.70 ng/ml



#33 AR-1260-3

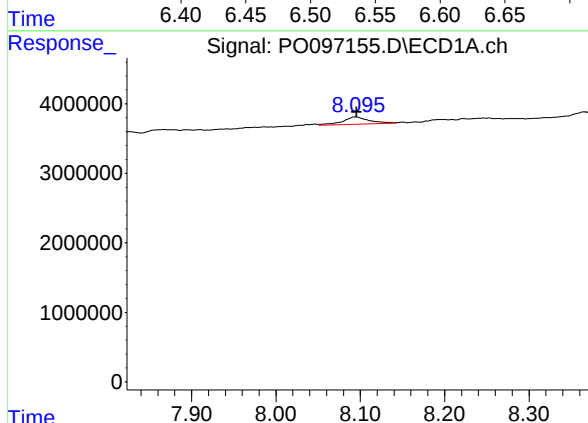
R.T.: 7.868 min
Delta R.T.: 0.004 min
Response: 828060
Conc: 7.98 ng/ml

Instrument :
ECD_O
ClientSampleId :



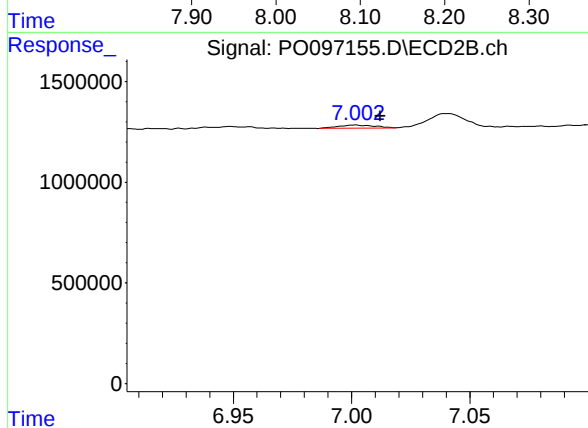
#33 AR-1260-3

R.T.: 6.528 min
Delta R.T.: -0.011 min
Response: 1561291
Conc: 20.22 ng/ml



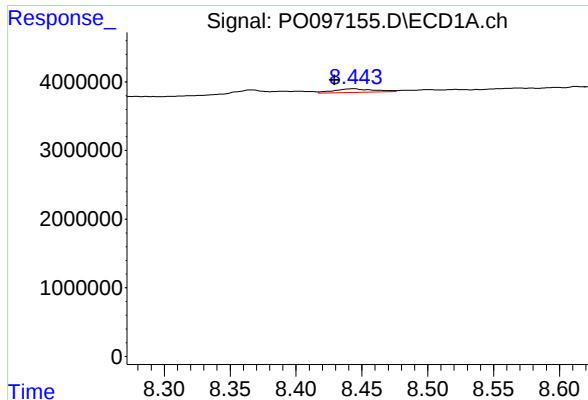
#34 AR-1260-4

R.T.: 8.095 min
Delta R.T.: 0.000 min
Response: 2324631
Conc: 20.79 ng/ml



#34 AR-1260-4

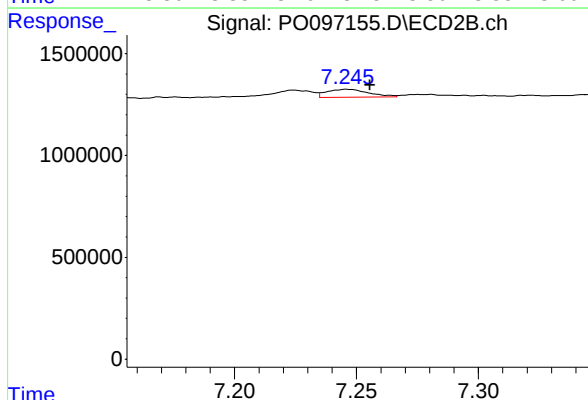
R.T.: 7.001 min
Delta R.T.: -0.011 min
Response: 168341
Conc: 2.63 ng/ml



#35 AR-1260-5

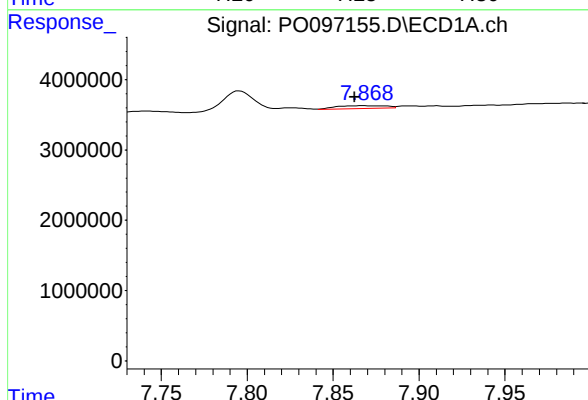
R.T.: 8.444 min
Delta R.T.: 0.015 min
Response: 1168036
Conc: 5.56 ng/ml

Instrument :
ECD_O
ClientSampleId :



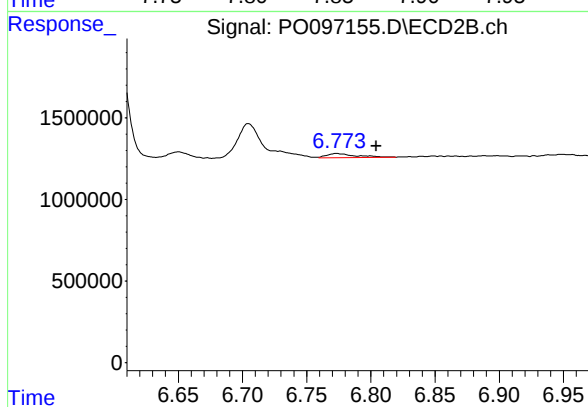
#35 AR-1260-5

R.T.: 7.246 min
Delta R.T.: -0.009 min
Response: 467246
Conc: 3.37 ng/ml



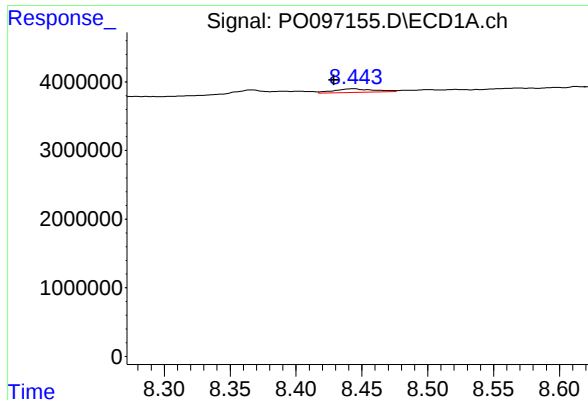
#36 AR-1262-1

R.T.: 7.868 min
Delta R.T.: 0.005 min
Response: 828060
Conc: 5.58 ng/ml



#36 AR-1262-1

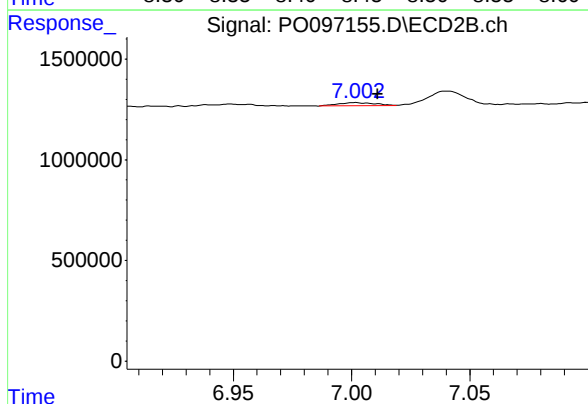
R.T.: 6.773 min
Delta R.T.: -0.031 min
Response: 419012
Conc: 10.64 ng/ml



#37 AR-1262-2

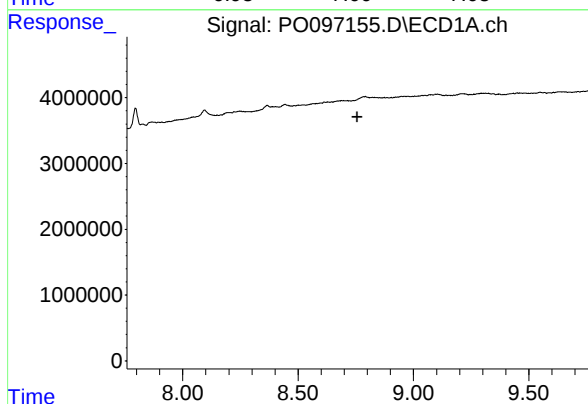
R.T.: 8.444 min
Delta R.T.: 0.015 min
Response: 1168036
Conc: 5.05 ng/ml

Instrument :
ECD_O
ClientSampleId :



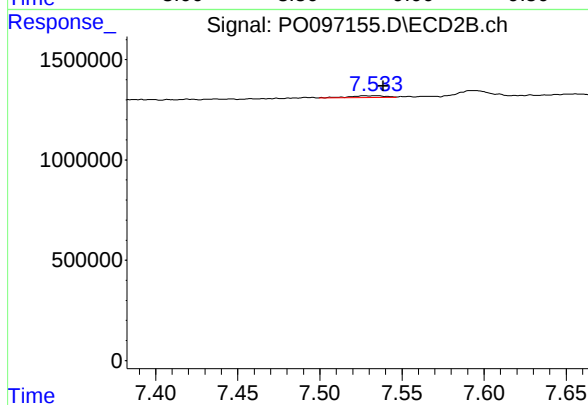
#37 AR-1262-2

R.T.: 7.001 min
Delta R.T.: -0.010 min
Response: 168341
Conc: 2.08 ng/ml



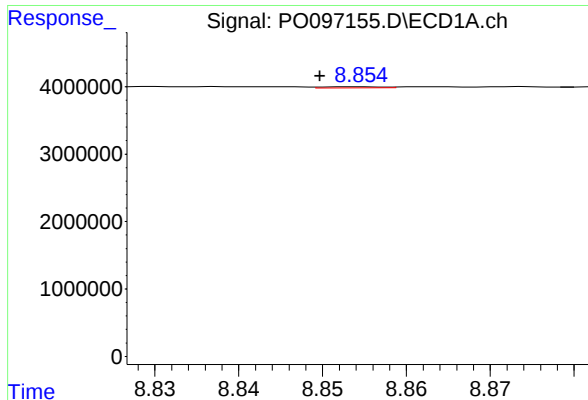
#38 AR-1262-3

R.T.: 8.739 min
Delta R.T.: -0.018 min
Response: -26951
Conc: N.D.



#38 AR-1262-3

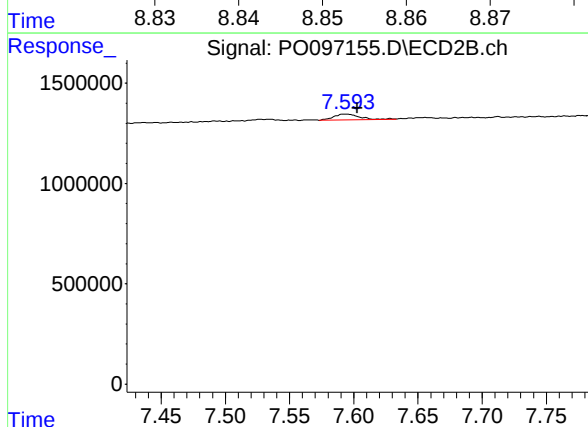
R.T.: 7.527 min
Delta R.T.: -0.012 min
Response: 140735
Conc: 2.19 ng/ml



#39 AR-1262-4

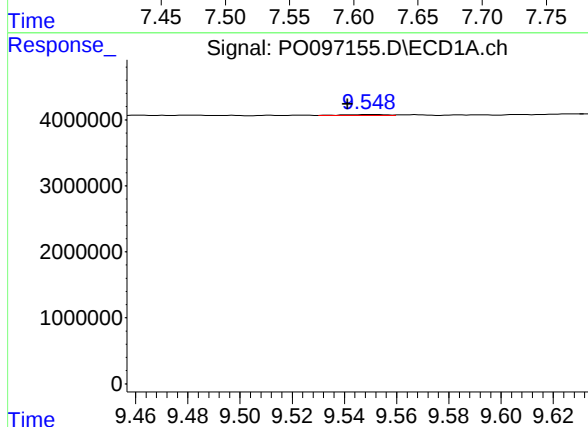
R.T.: 8.854 min
Delta R.T.: 0.004 min
Response: 88294
Conc: 1.21 ng/ml

Instrument :
ECD_O
ClientSampleId :



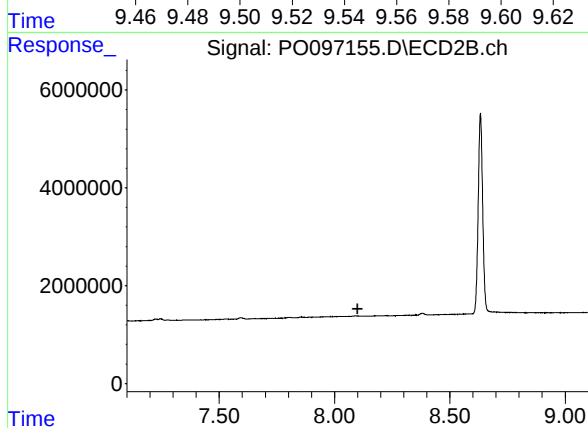
#39 AR-1262-4

R.T.: 7.594 min
Delta R.T.: -0.009 min
Response: 397792
Conc: 3.50 ng/ml



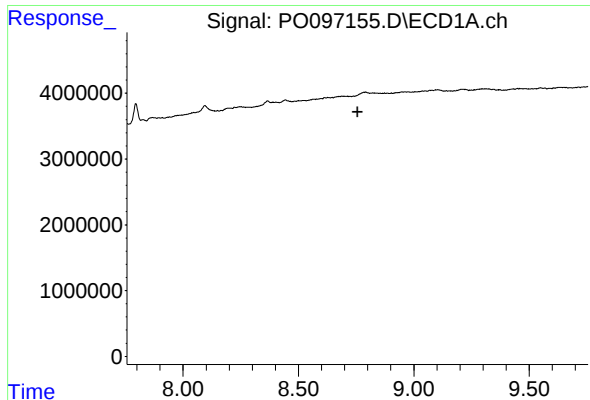
#40 AR-1262-5

R.T.: 9.549 min
Delta R.T.: 0.008 min
Response: 184266
Conc: 2.21 ng/ml



#40 AR-1262-5

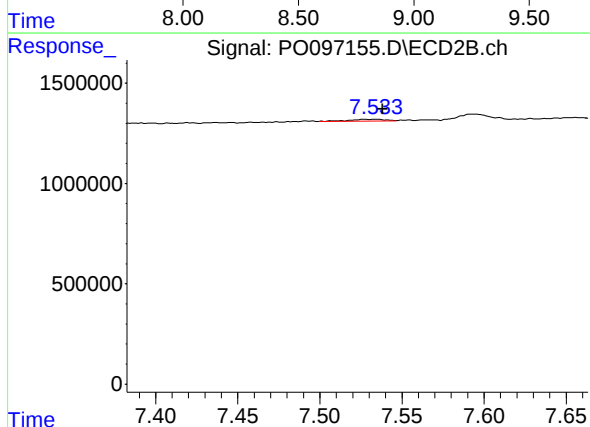
R.T.: 0.000 min
Exp R.T. : 8.099 min
Response: 0
Conc: N.D.



#41 AR-1268-1

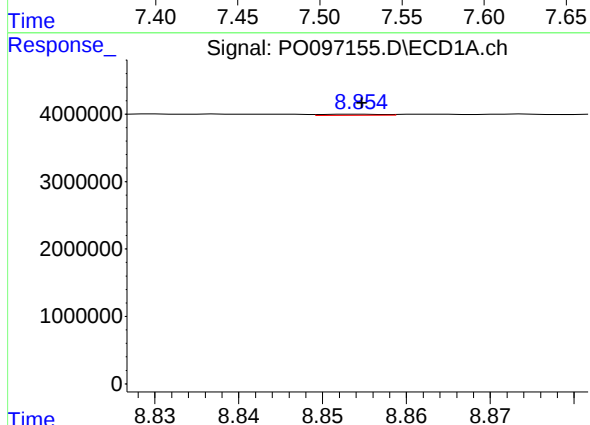
R.T.: 8.739 min
Delta R.T.: -0.016 min
Response: -26951
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



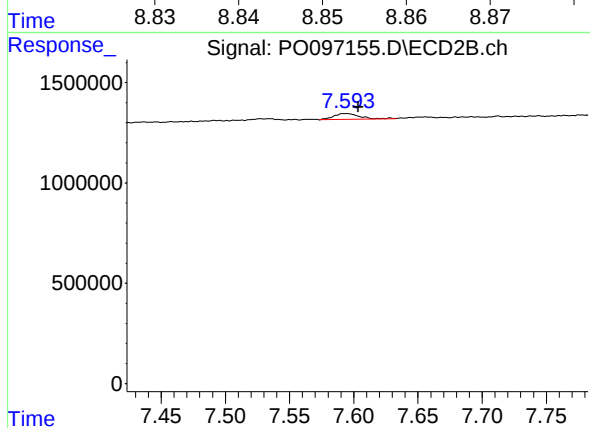
#41 AR-1268-1

R.T.: 7.527 min
Delta R.T.: -0.011 min
Response: 140735
Conc: 0.76 ng/ml



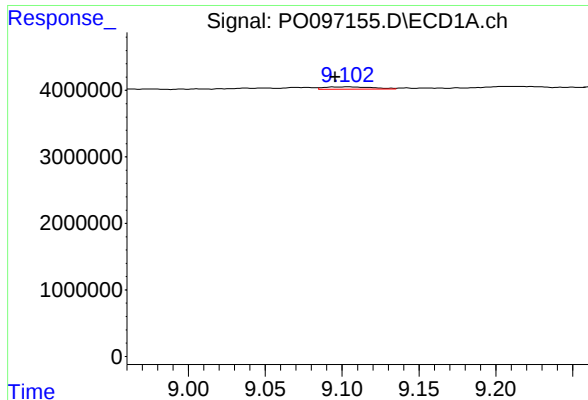
#42 AR-1268-2

R.T.: 8.854 min
Delta R.T.: 0.000 min
Response: 88294
Conc: 0.32 ng/ml



#42 AR-1268-2

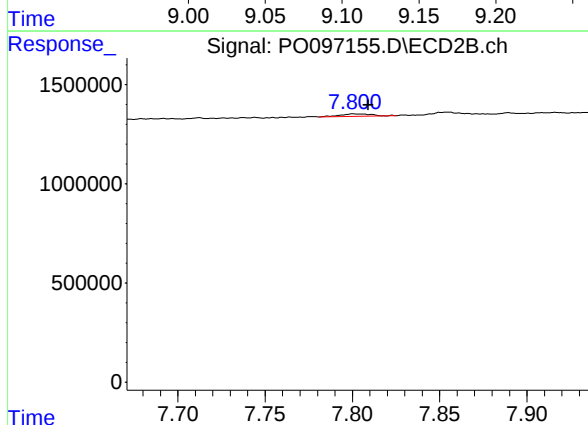
R.T.: 7.594 min
Delta R.T.: -0.010 min
Response: 397792
Conc: 2.37 ng/ml



#43 AR-1268-3

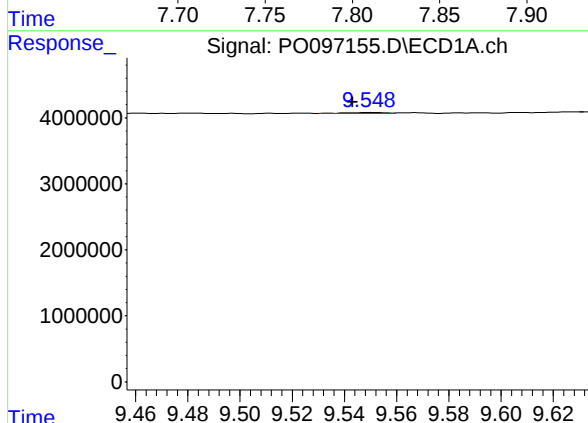
R.T.: 9.103 min
Delta R.T.: 0.008 min
Response: 721034
Conc: 2.82 ng/ml

Instrument :
ECD_O
ClientSampleId :



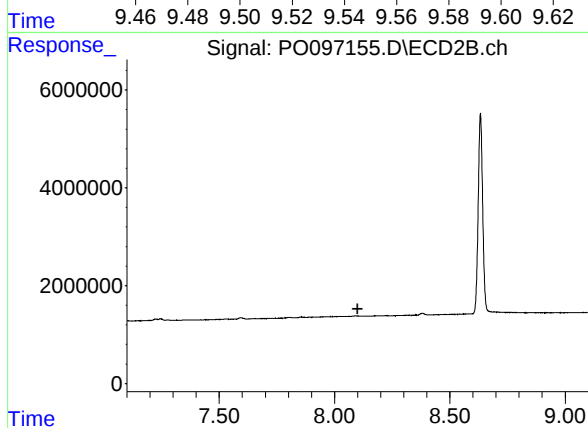
#43 AR-1268-3

R.T.: 7.801 min
Delta R.T.: -0.008 min
Response: 157881
Conc: 1.09 ng/ml



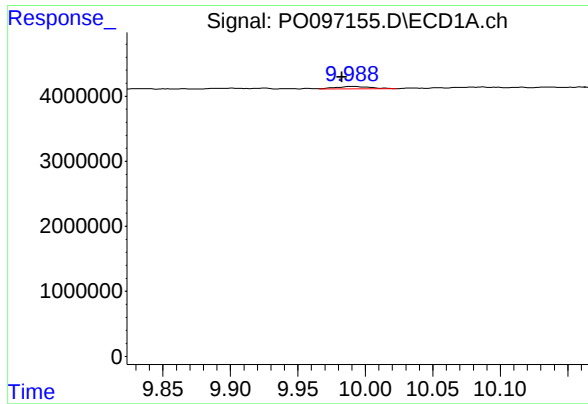
#44 AR-1268-4

R.T.: 9.549 min
Delta R.T.: 0.006 min
Response: 184266
Conc: 1.99 ng/ml



#44 AR-1268-4

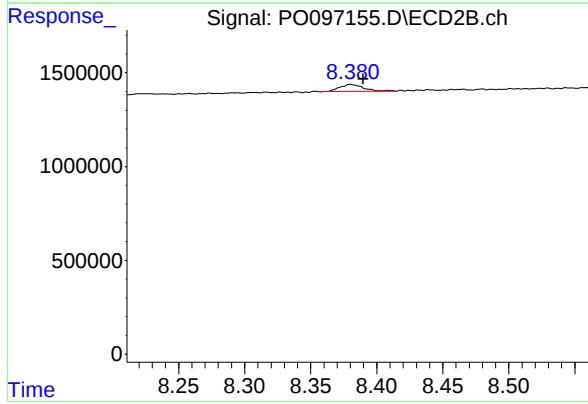
R.T.: 0.000 min
Exp R.T. : 8.100 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.989 min
Delta R.T.: 0.006 min
Response: 710046
Conc: 0.88 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.380 min
Delta R.T.: -0.009 min
Response: 447288
Conc: 1.08 ng/ml