

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102822\
 Data File : PO090006.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Oct 2022 14:11
 Operator : YP/AJ
 Sample : N4955-02
 Misc : AR1242 LOQ 50 PPB
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 29 01:50:36 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO102722.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Oct 28 05:05:44 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...	4.305	3.484	55748590	18414304	17.346	17.326
2)	SA Decachlor...	10.051	8.492	48707487	19051309	19.876	18.498
Target Compounds							
3)	L1 AR-1016-1	5.480	4.570	3341511	1108360	31.415	28.694
4)	L1 AR-1016-2	5.503	4.589	4741986	1455130	31.129	27.202
5)	L1 AR-1016-3	5.565	4.765	3098968	817901	32.797	28.172
6)	L1 AR-1016-4	5.663	4.807	2279713	699797	30.401	28.192
7)	L1 AR-1016-5	5.960	5.020	2592651	819163	33.592	26.666
8)	L2 AR-1221-1	4.515	3.767f	52828556	6570139	1384.010	491.775 #
9)	L2 AR-1221-2	4.608	3.767	3575753	6570139	125.781	647.378 #
10)	L2 AR-1221-3	4.679	3.860	2652569	812501	30.977	26.119
11)	L3 AR-1232-1	4.679	3.860	2652569	812501	40.507	34.152
12)	L3 AR-1232-2	5.210	4.589	2671979	1455130	69.507	60.723
13)	L3 AR-1232-3	5.503	4.765	4741986	817901	70.764	64.407
14)	L3 AR-1232-4	5.663	4.849	2279713	909474	69.045	74.593
15)	L3 AR-1232-5	5.756	5.020	2078091	819163	78.439	61.352
16)	L4 AR-1242-1	5.480	4.570	3341511	1108360	40.385	37.229
17)	L4 AR-1242-2	5.503	4.589	4741986	1455130	40.152	35.775
18)	L4 AR-1242-3	5.565	4.765	3098968	817901	41.632	36.988
19)	L4 AR-1242-4	5.663	4.849	2279713	909474	39.130	38.352
20)	L4 AR-1242-5	6.405	5.373	3051751	975936	49.647	34.118 #
21)	L5 AR-1248-1	5.480	4.570	3341511	1108360	52.832	48.822
22)	L5 AR-1248-2	5.756	4.807	2078091	699797	21.944	21.524
23)	L5 AR-1248-3	5.960	4.849	2592651	909474	26.300	26.981
24)	L5 AR-1248-4	6.367	5.020	2730850	819163	25.613	21.182
25)	L5 AR-1248-5	6.405	5.415	3051751	813823	29.052	22.476
26)	L6 AR-1254-1	6.340	5.373	2040425	975936	17.605	16.568
27)	L6 AR-1254-2	6.563	5.524	2698466	317883	15.514	5.933 #
28)	L6 AR-1254-3	6.927	5.928	1577473	322020	9.087	3.885 #
29)	L6 AR-1254-4	7.213	6.159	1228085	231808	9.635	4.667 #
30)	L6 AR-1254-5	7.637	0.000	269881	0	1.916	N.D. #
31)	L7 AR-1260-1	7.095	0.000	364926	0	2.603	N.D. #
32)	L7 AR-1260-2	7.348	0.000	313764	0	1.939	N.D. #
33)	L7 AR-1260-3	7.720	6.472f	88470	173880	0.842	2.609 #
34)	L7 AR-1260-4	7.932	0.000	195138	0	1.580	N.D. #
36)	L8 AR-1262-1	7.720	0.000	88470	0	0.534	N.D. #
38)	L8 AR-1262-3	8.623f	0.000	544645	0	2.774	N.D. #
39)	L8 AR-1262-4	8.623	7.534f	544645	178477	5.597	1.838 #
40)	L8 AR-1262-5	0.000	8.008f	0	23261	N.D.	0.490 #
41)	L9 AR-1268-1	8.623f	0.000	544645	0	1.562	N.D. #
42)	L9 AR-1268-2	8.623	7.534f	544645	178477	1.746	1.272 #
43)	L9 AR-1268-3	8.823f	0.000	50567	0	0.188	N.D. #

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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
44) L9	AR-1268-4	0.000	8.008f	0	23261	N.D.	0.428 #
45) L9	AR-1268-5	0.000	8.244	0	101475	N.D.	0.290 #

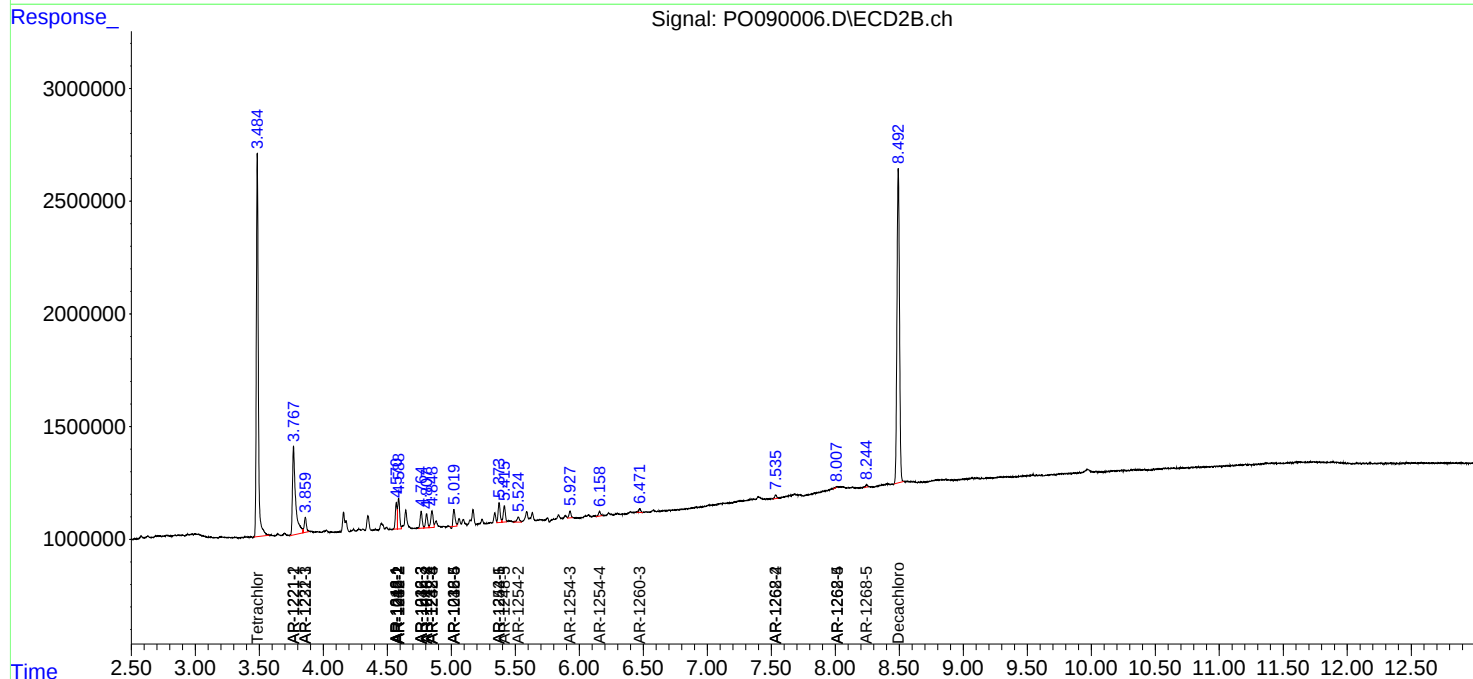
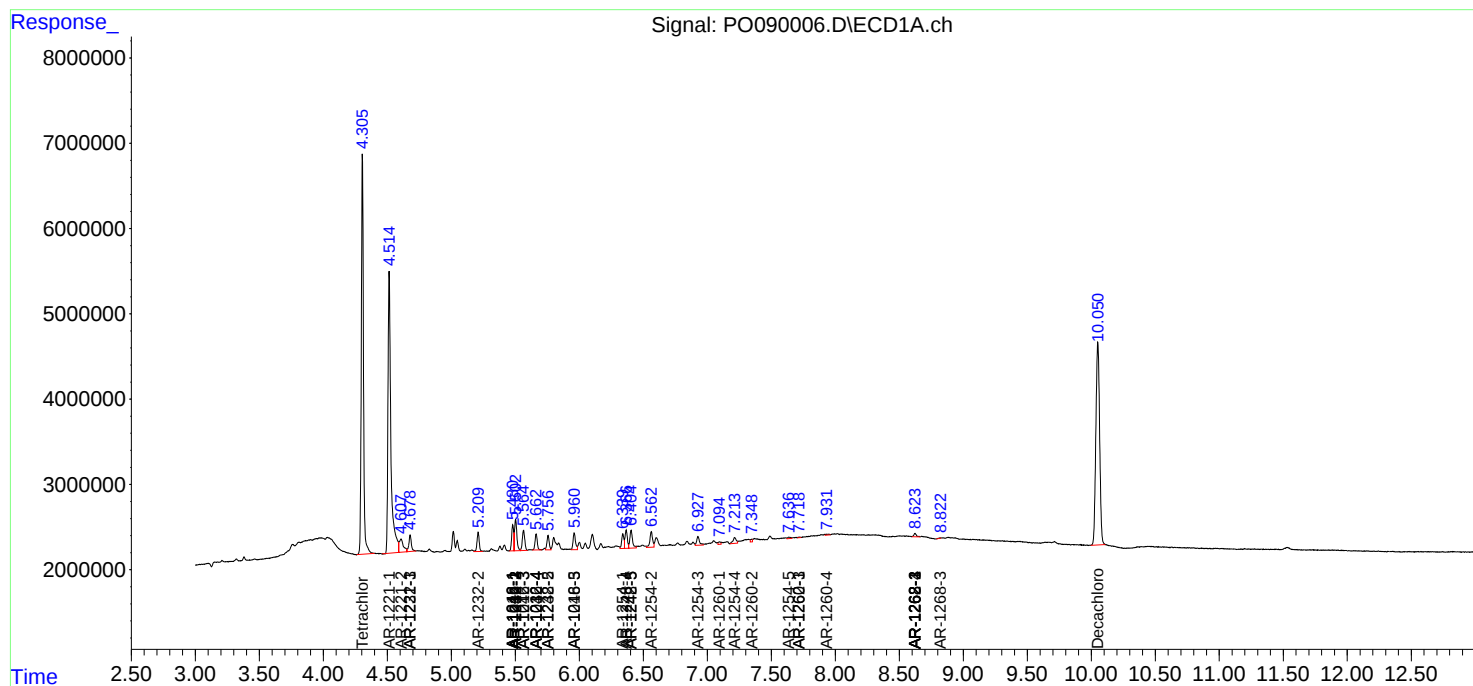
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

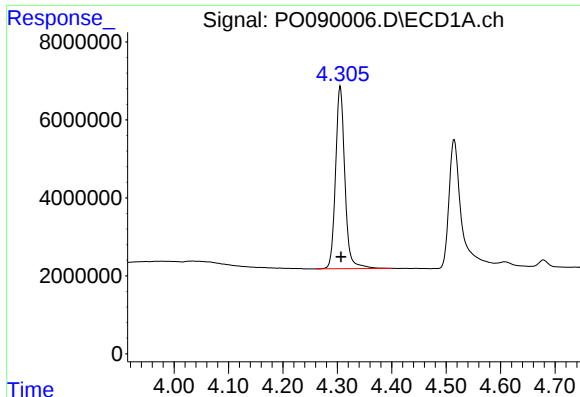
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102822\
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Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

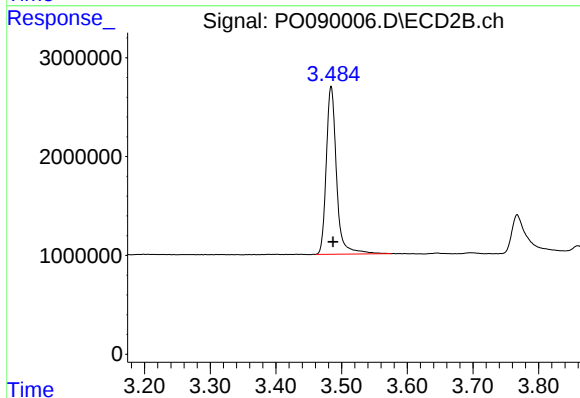




#1 Tetrachloro-m-xylene

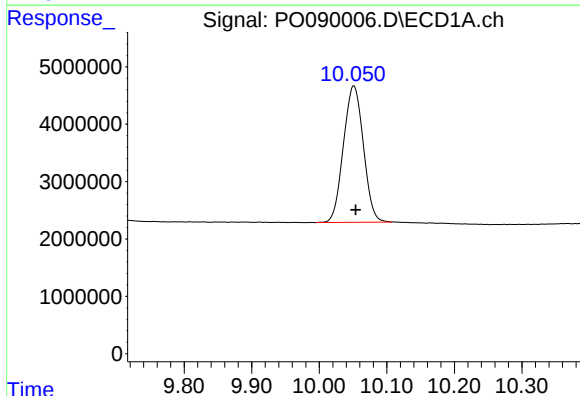
R.T.: 4.305 min
Delta R.T.: -0.002 min
Response: 55748590
Conc: 17.35 ng/ml

Instrument :
ECD_O
ClientSampleId :



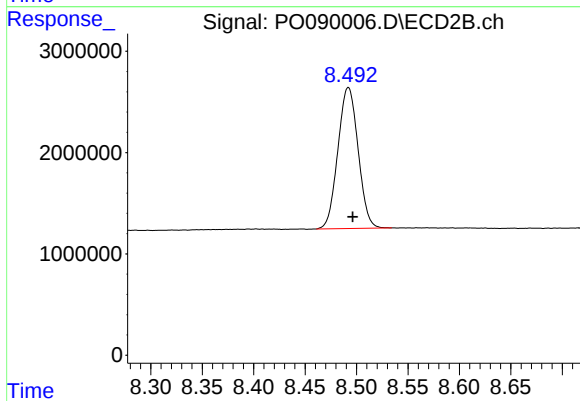
#1 Tetrachloro-m-xylene

R.T.: 3.484 min
Delta R.T.: -0.003 min
Response: 18414304
Conc: 17.33 ng/ml



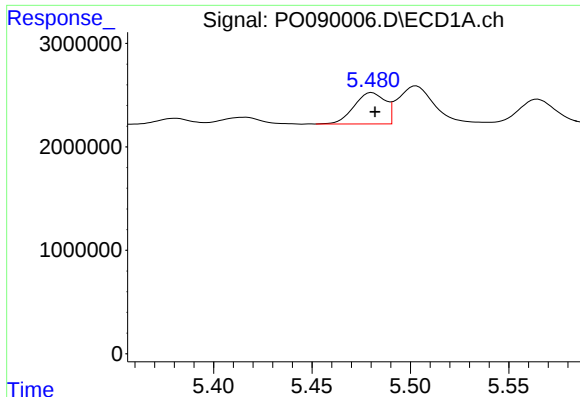
#2 Decachlorobiphenyl

R.T.: 10.051 min
Delta R.T.: -0.003 min
Response: 48707487
Conc: 19.88 ng/ml



#2 Decachlorobiphenyl

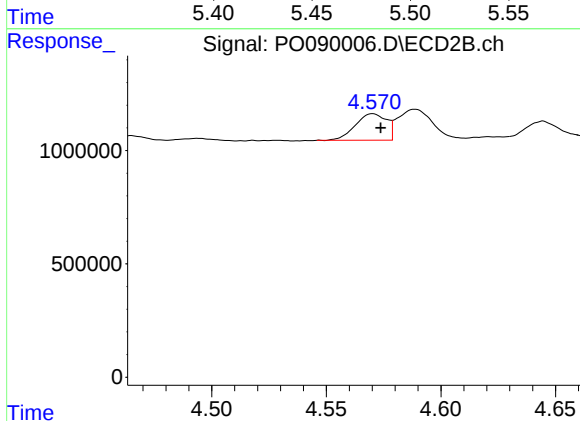
R.T.: 8.492 min
Delta R.T.: -0.004 min
Response: 19051309
Conc: 18.50 ng/ml



#3 AR-1016-1

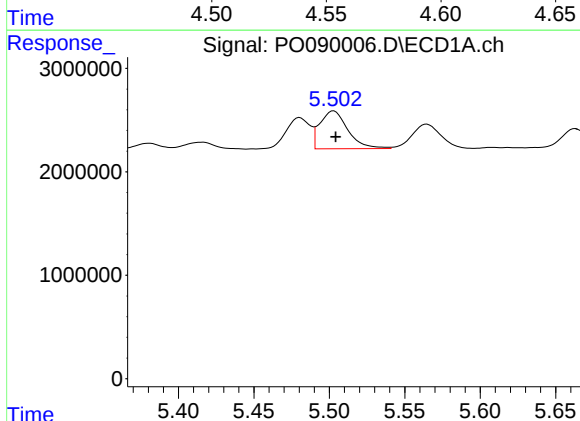
R.T.: 5.480 min
Delta R.T.: -0.002 min
Response: 3341511
Conc: 31.41 ng/ml

Instrument :
ECD_O
ClientSampleId :



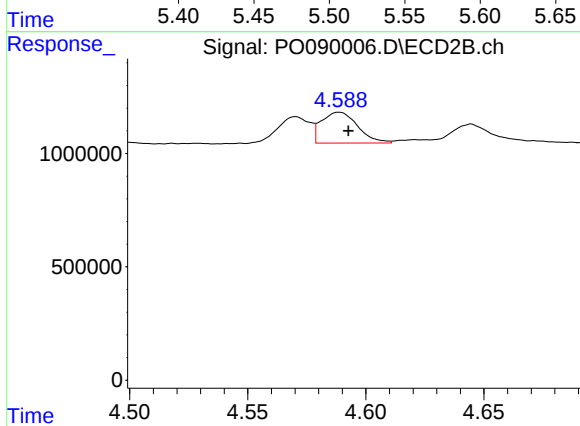
#3 AR-1016-1

R.T.: 4.570 min
Delta R.T.: -0.003 min
Response: 1108360
Conc: 28.69 ng/ml



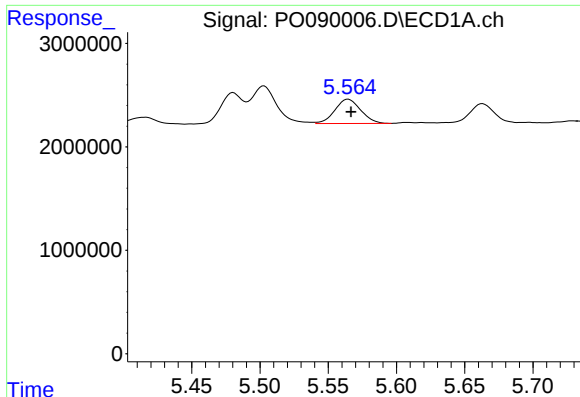
#4 AR-1016-2

R.T.: 5.503 min
Delta R.T.: -0.001 min
Response: 4741986
Conc: 31.13 ng/ml



#4 AR-1016-2

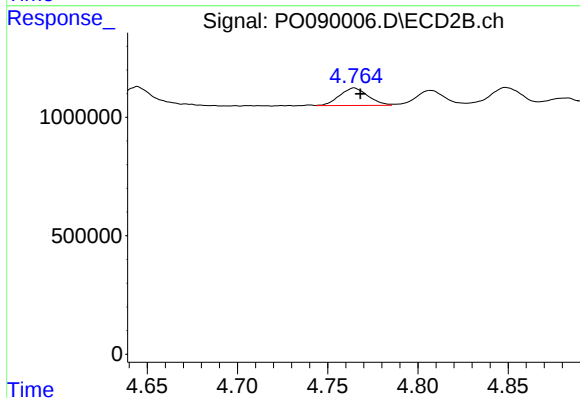
R.T.: 4.589 min
Delta R.T.: -0.004 min
Response: 1455130
Conc: 27.20 ng/ml



#5 AR-1016-3

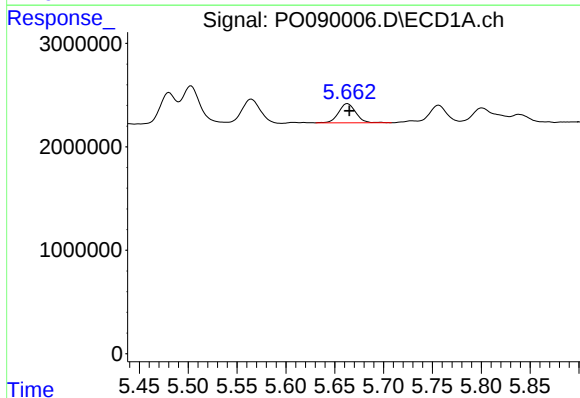
R.T.: 5.565 min
Delta R.T.: -0.002 min
Response: 3098968
Conc: 32.80 ng/ml

Instrument :
ECD_O
ClientSampleId :



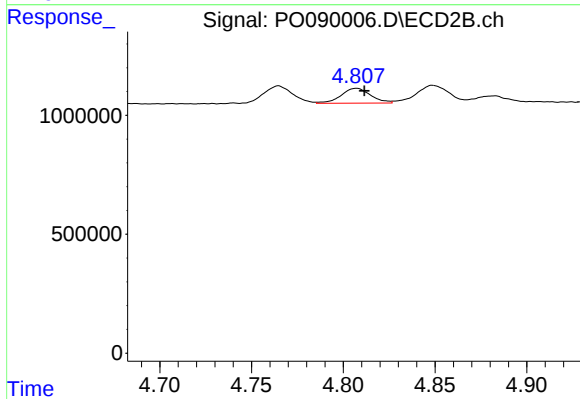
#5 AR-1016-3

R.T.: 4.765 min
Delta R.T.: -0.003 min
Response: 817901
Conc: 28.17 ng/ml



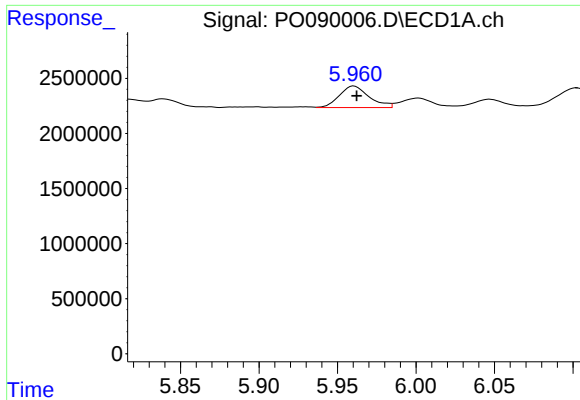
#6 AR-1016-4

R.T.: 5.663 min
Delta R.T.: -0.002 min
Response: 2279713
Conc: 30.40 ng/ml



#6 AR-1016-4

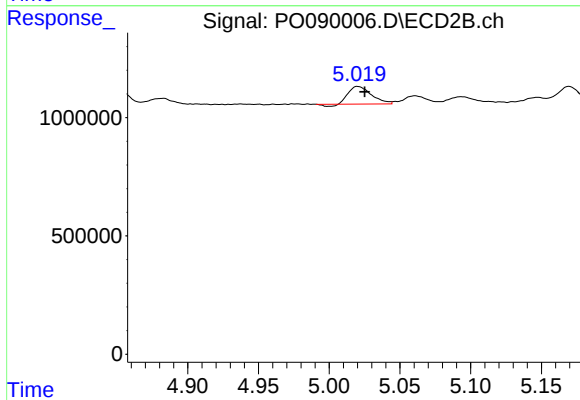
R.T.: 4.807 min
Delta R.T.: -0.004 min
Response: 699797
Conc: 28.19 ng/ml



#7 AR-1016-5

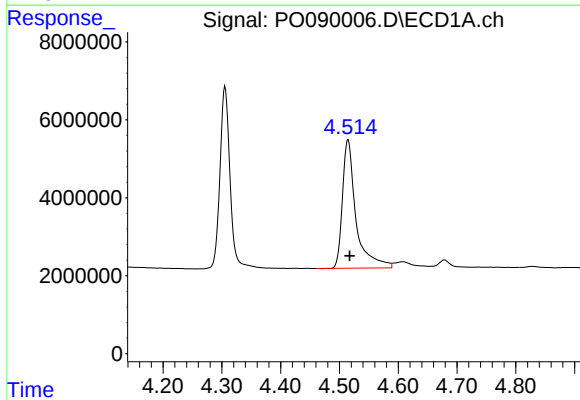
R.T.: 5.960 min
Delta R.T.: -0.002 min
Response: 2592651
Conc: 33.59 ng/ml

Instrument :
ECD_O
ClientSampleId :



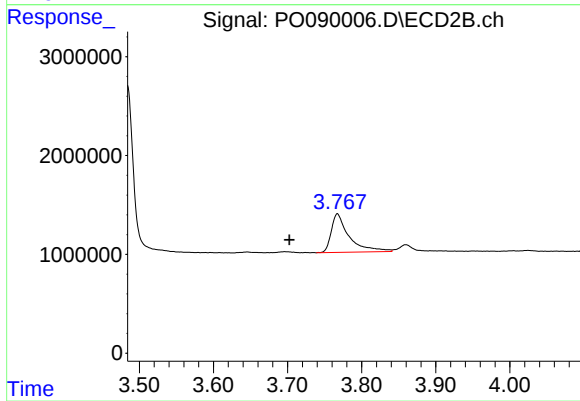
#7 AR-1016-5

R.T.: 5.020 min
Delta R.T.: -0.005 min
Response: 819163
Conc: 26.67 ng/ml



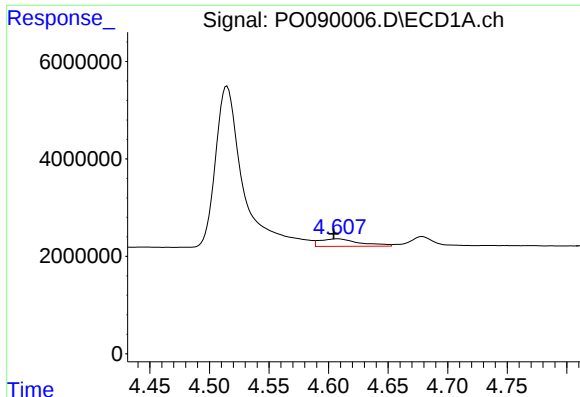
#8 AR-1221-1

R.T.: 4.515 min
Delta R.T.: -0.003 min
Response: 52828556
Conc: 1384.01 ng/ml



#8 AR-1221-1

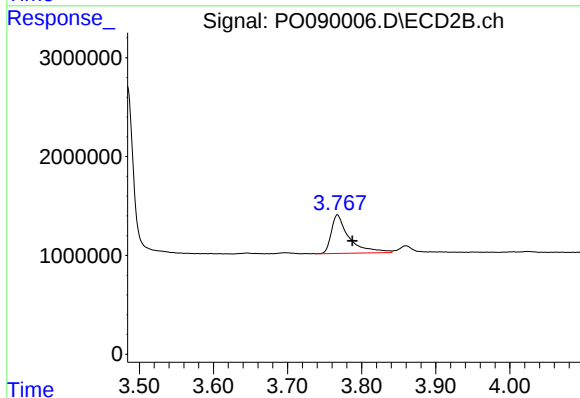
R.T.: 3.767 min
Delta R.T.: 0.065 min
Response: 6570139
Conc: 491.77 ng/ml



#9 AR-1221-2

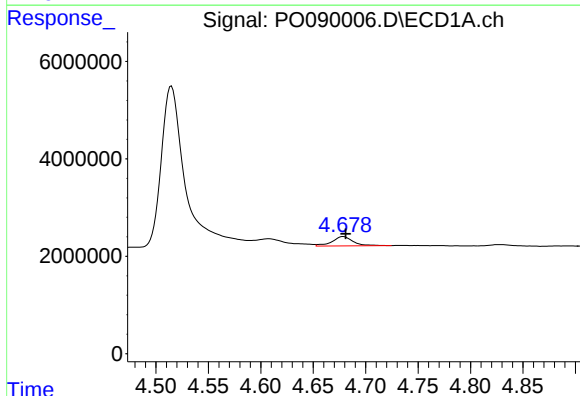
R.T.: 4.608 min
Delta R.T.: 0.003 min
Response: 3575753
Conc: 125.78 ng/ml

Instrument :
ECD_O
ClientSampleId :



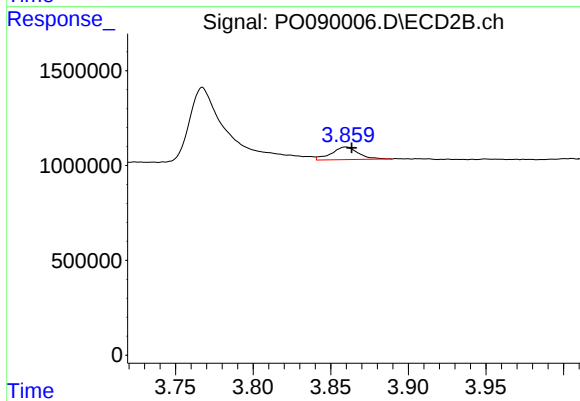
#9 AR-1221-2

R.T.: 3.767 min
Delta R.T.: -0.020 min
Response: 6570139
Conc: 647.38 ng/ml



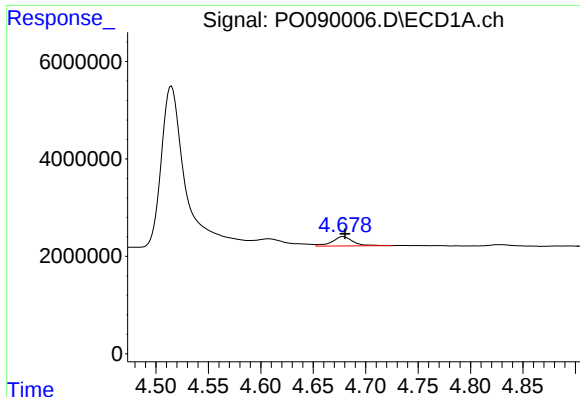
#10 AR-1221-3

R.T.: 4.679 min
Delta R.T.: -0.003 min
Response: 2652569
Conc: 30.98 ng/ml



#10 AR-1221-3

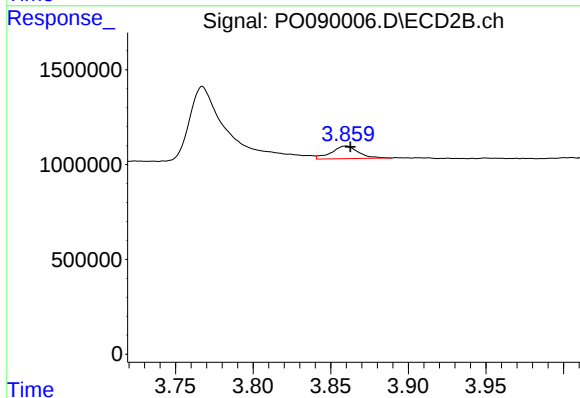
R.T.: 3.860 min
Delta R.T.: -0.004 min
Response: 812501
Conc: 26.12 ng/ml



#11 AR-1232-1

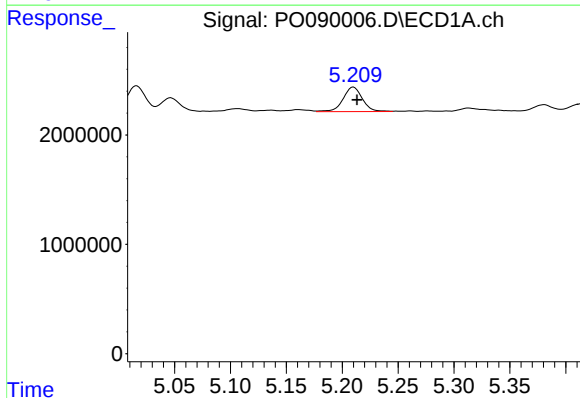
R.T.: 4.679 min
Delta R.T.: -0.002 min
Response: 2652569
Conc: 40.51 ng/ml

Instrument :
ECD_O
ClientSampleId :



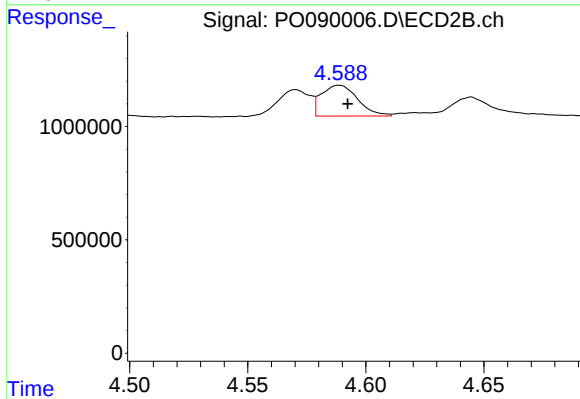
#11 AR-1232-1

R.T.: 3.860 min
Delta R.T.: -0.003 min
Response: 812501
Conc: 34.15 ng/ml



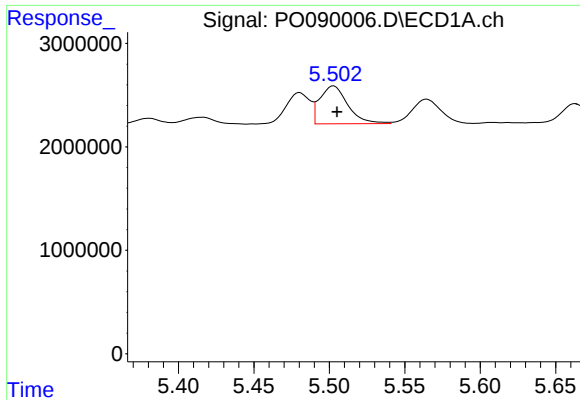
#12 AR-1232-2

R.T.: 5.210 min
Delta R.T.: -0.003 min
Response: 2671979
Conc: 69.51 ng/ml



#12 AR-1232-2

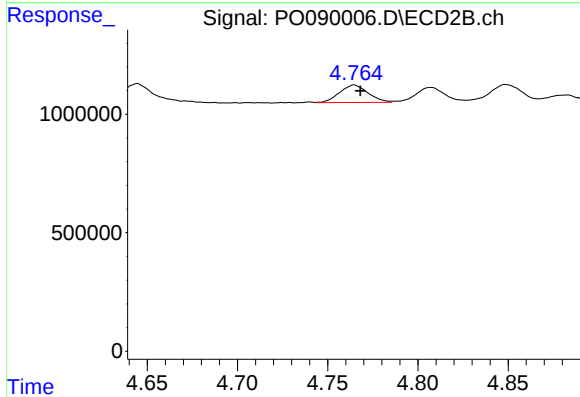
R.T.: 4.589 min
Delta R.T.: -0.004 min
Response: 1455130
Conc: 60.72 ng/ml



#13 AR-1232-3

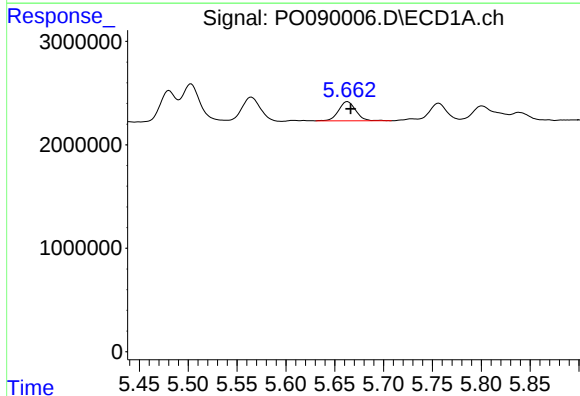
R.T.: 5.503 min
Delta R.T.: -0.002 min
Response: 4741986
Conc: 70.76 ng/ml

Instrument :
ECD_O
ClientSampleId :



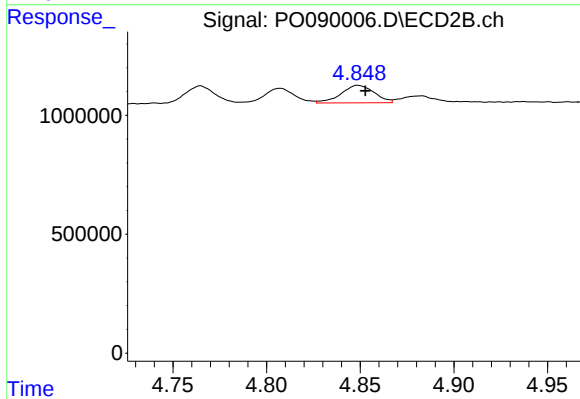
#13 AR-1232-3

R.T.: 4.765 min
Delta R.T.: -0.003 min
Response: 817901
Conc: 64.41 ng/ml



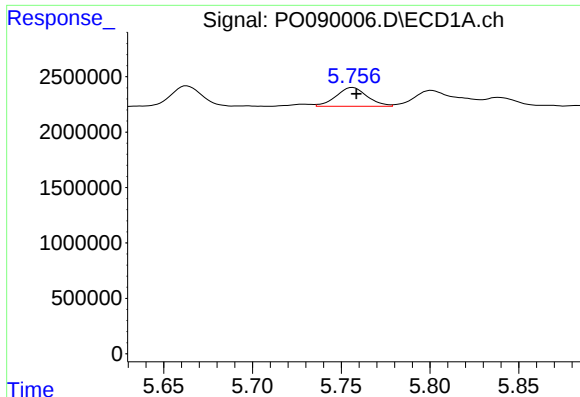
#14 AR-1232-4

R.T.: 5.663 min
Delta R.T.: -0.003 min
Response: 2279713
Conc: 69.05 ng/ml



#14 AR-1232-4

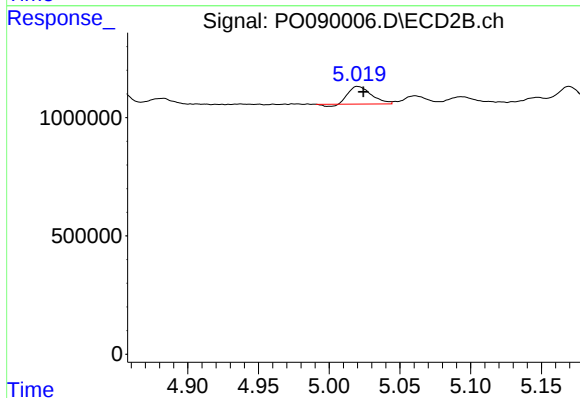
R.T.: 4.849 min
Delta R.T.: -0.004 min
Response: 909474
Conc: 74.59 ng/ml



#15 AR-1232-5

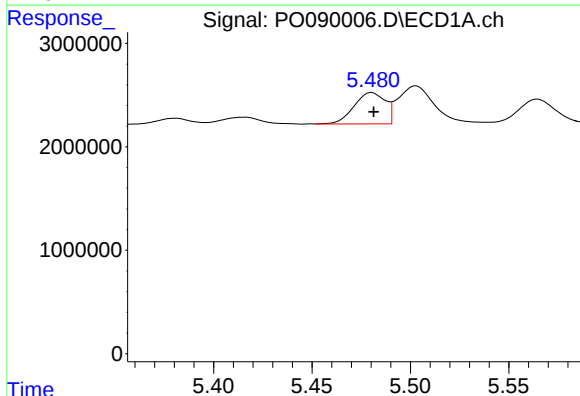
R.T.: 5.756 min
Delta R.T.: -0.002 min
Response: 2078091
Conc: 78.44 ng/ml

Instrument :
ECD_O
ClientSampleId :



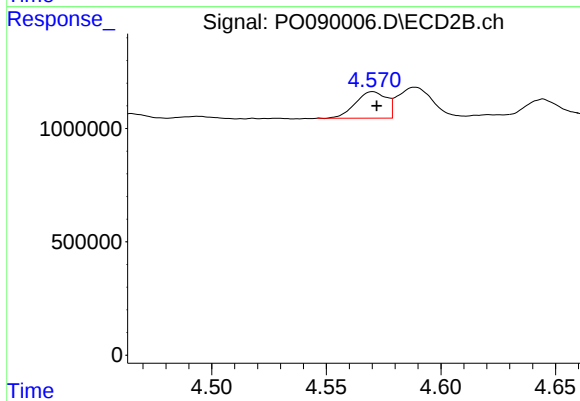
#15 AR-1232-5

R.T.: 5.020 min
Delta R.T.: -0.004 min
Response: 819163
Conc: 61.35 ng/ml



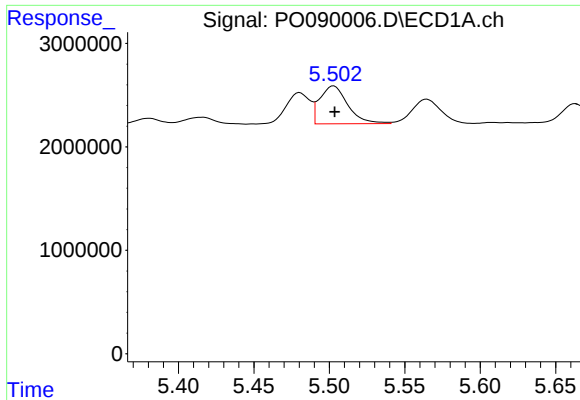
#16 AR-1242-1

R.T.: 5.480 min
Delta R.T.: 0.000 min
Response: 3341511
Conc: 40.39 ng/ml



#16 AR-1242-1

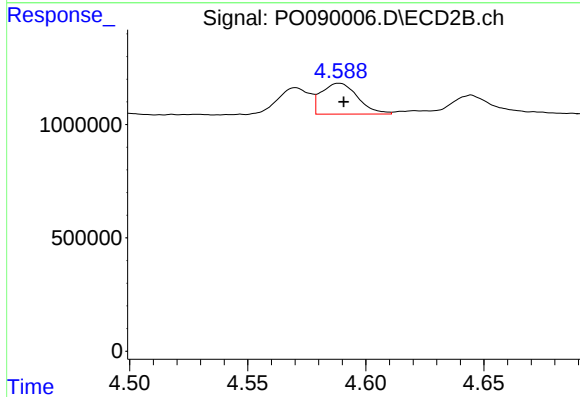
R.T.: 4.570 min
Delta R.T.: -0.002 min
Response: 1108360
Conc: 37.23 ng/ml



#17 AR-1242-2

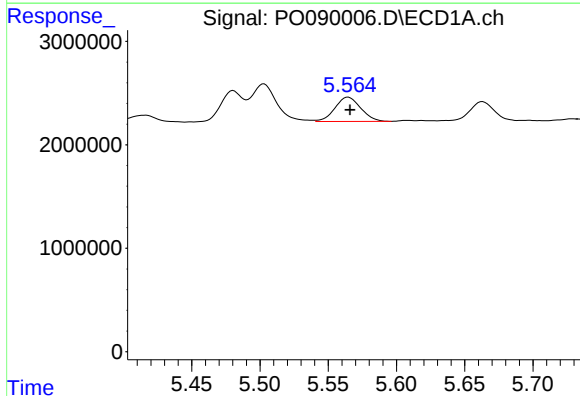
R.T.: 5.503 min
Delta R.T.: 0.000 min
Response: 4741986
Conc: 40.15 ng/ml

Instrument :
ECD_O
ClientSampleId :



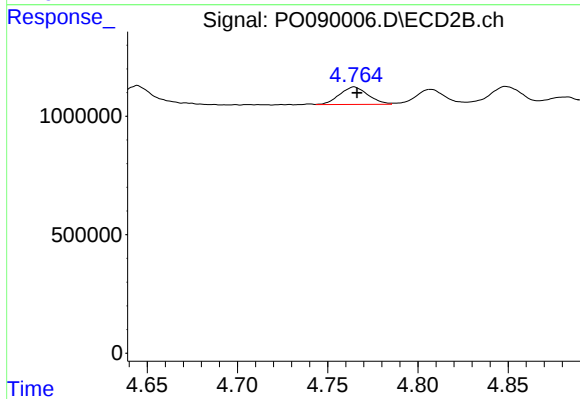
#17 AR-1242-2

R.T.: 4.589 min
Delta R.T.: -0.002 min
Response: 1455130
Conc: 35.77 ng/ml



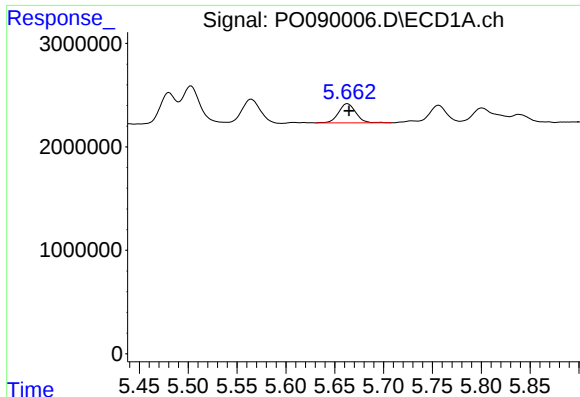
#18 AR-1242-3

R.T.: 5.565 min
Delta R.T.: -0.002 min
Response: 3098968
Conc: 41.63 ng/ml



#18 AR-1242-3

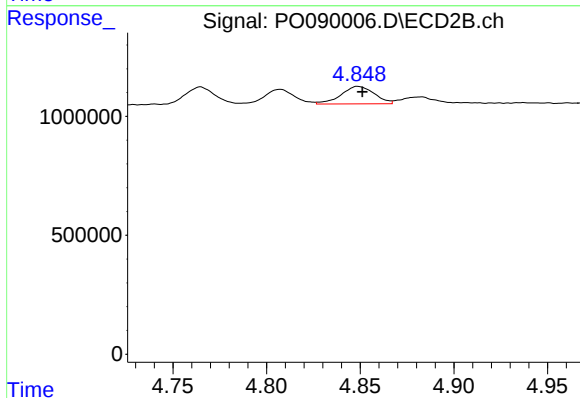
R.T.: 4.765 min
Delta R.T.: -0.002 min
Response: 817901
Conc: 36.99 ng/ml



#19 AR-1242-4

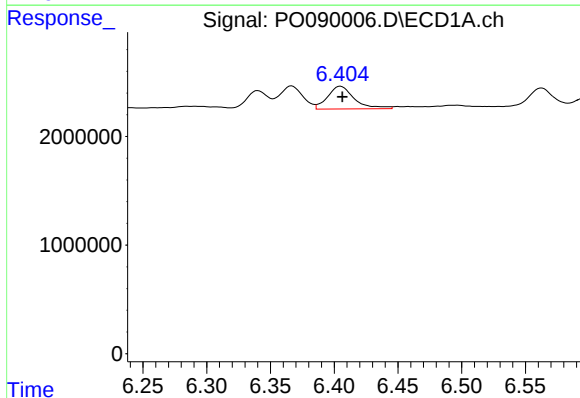
R.T.: 5.663 min
Delta R.T.: -0.002 min
Response: 2279713
Conc: 39.13 ng/ml

Instrument :
ECD_O
ClientSampleId :



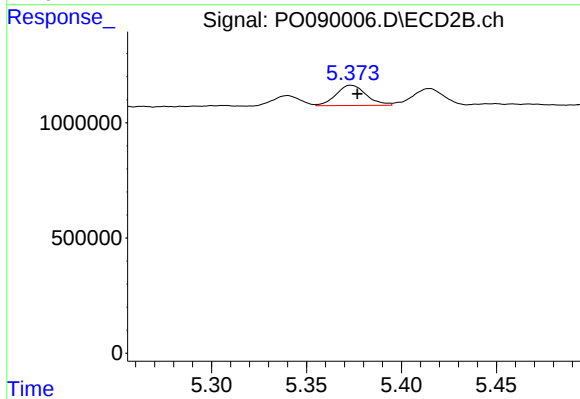
#19 AR-1242-4

R.T.: 4.849 min
Delta R.T.: -0.003 min
Response: 909474
Conc: 38.35 ng/ml



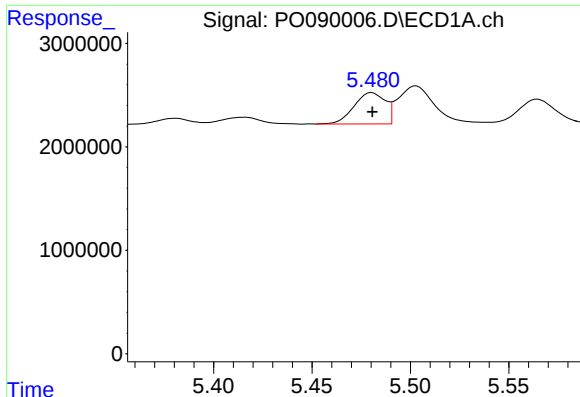
#20 AR-1242-5

R.T.: 6.405 min
Delta R.T.: -0.001 min
Response: 3051751
Conc: 49.65 ng/ml



#20 AR-1242-5

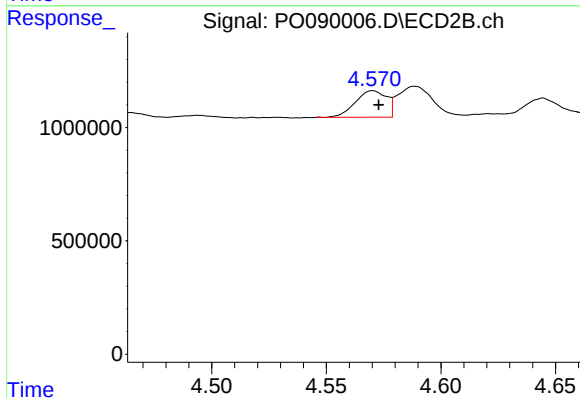
R.T.: 5.373 min
Delta R.T.: -0.003 min
Response: 975936
Conc: 34.12 ng/ml



#21 AR-1248-1

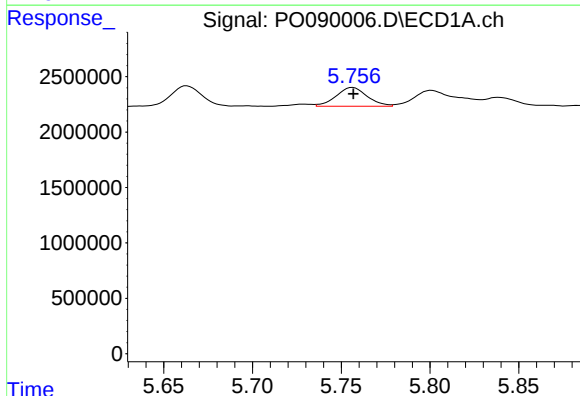
R.T.: 5.480 min
Delta R.T.: 0.000 min
Response: 3341511
Conc: 52.83 ng/ml

Instrument :
ECD_O
ClientSampleId :



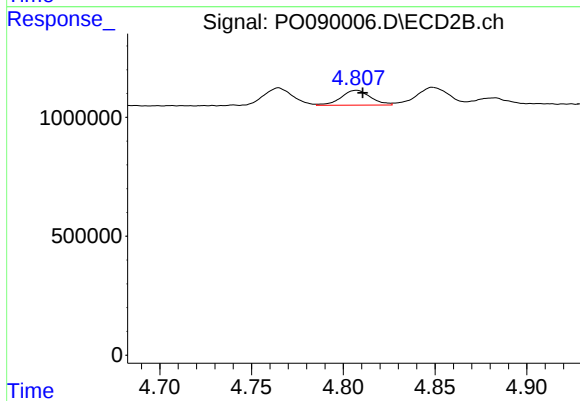
#21 AR-1248-1

R.T.: 4.570 min
Delta R.T.: -0.003 min
Response: 1108360
Conc: 48.82 ng/ml



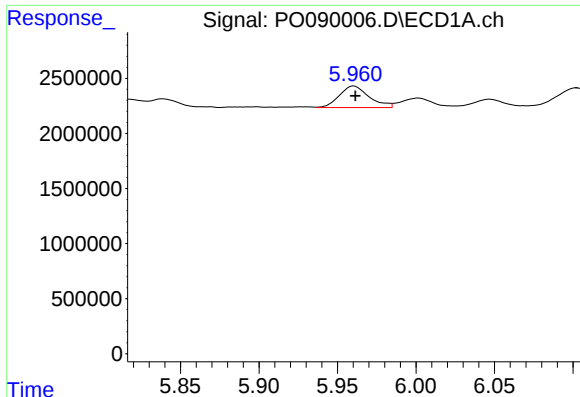
#22 AR-1248-2

R.T.: 5.756 min
Delta R.T.: 0.000 min
Response: 2078091
Conc: 21.94 ng/ml



#22 AR-1248-2

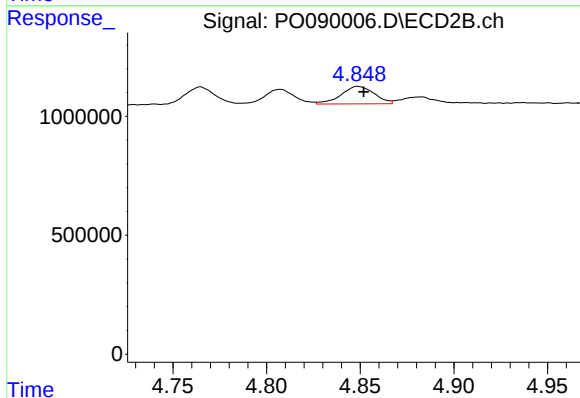
R.T.: 4.807 min
Delta R.T.: -0.003 min
Response: 699797
Conc: 21.52 ng/ml



#23 AR-1248-3

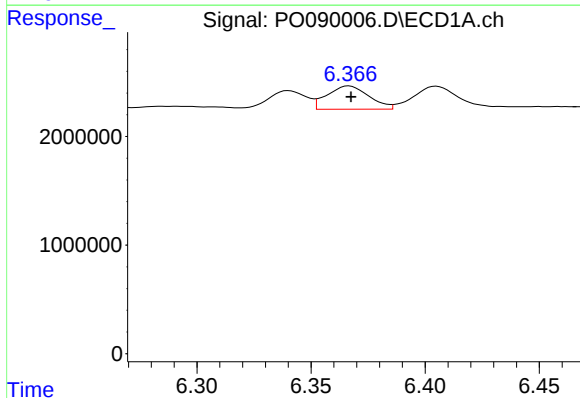
R.T.: 5.960 min
Delta R.T.: -0.001 min
Response: 2592651
Conc: 26.30 ng/ml

Instrument :
ECD_O
ClientSampleId :



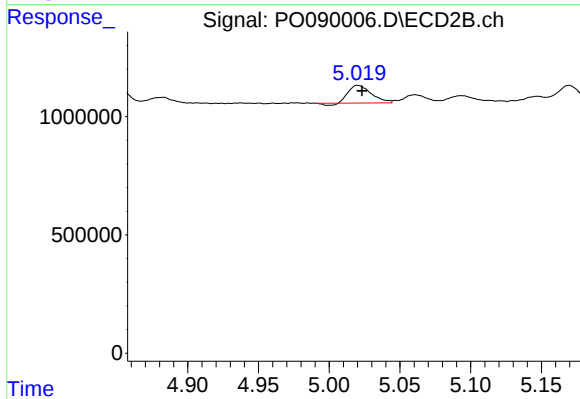
#23 AR-1248-3

R.T.: 4.849 min
Delta R.T.: -0.003 min
Response: 909474
Conc: 26.98 ng/ml



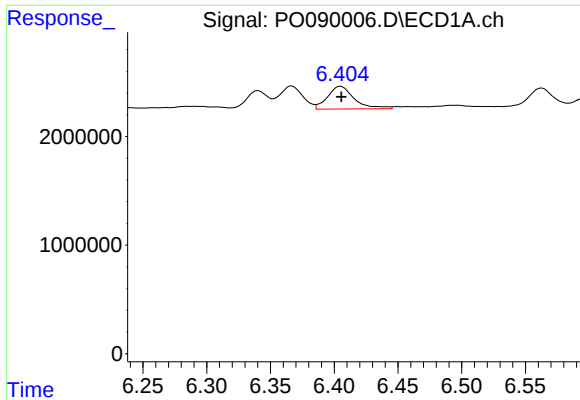
#24 AR-1248-4

R.T.: 6.367 min
Delta R.T.: 0.000 min
Response: 2730850
Conc: 25.61 ng/ml



#24 AR-1248-4

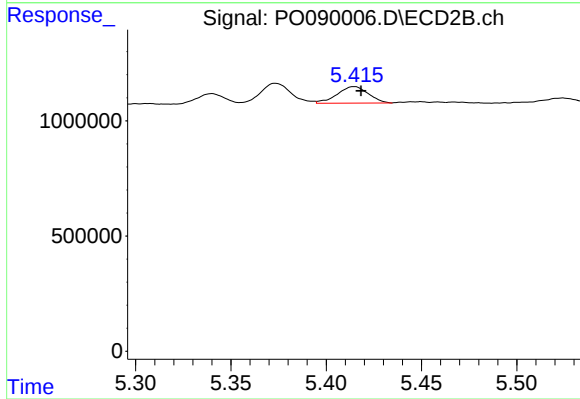
R.T.: 5.020 min
Delta R.T.: -0.003 min
Response: 819163
Conc: 21.18 ng/ml



#25 AR-1248-5

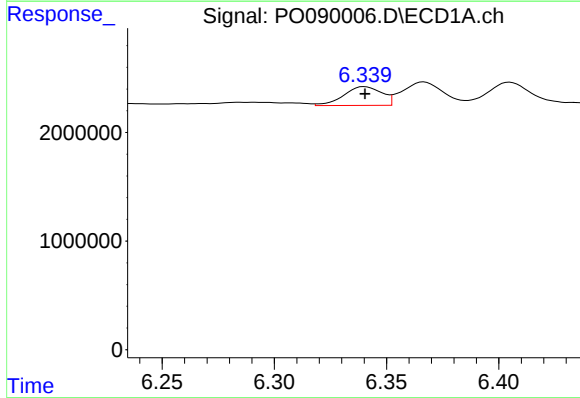
R.T.: 6.405 min
Delta R.T.: 0.000 min
Response: 3051751
Conc: 29.05 ng/ml

Instrument :
ECD_O
ClientSampleId :



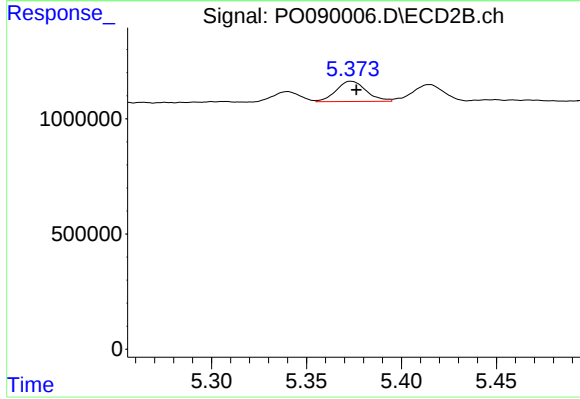
#25 AR-1248-5

R.T.: 5.415 min
Delta R.T.: -0.004 min
Response: 813823
Conc: 22.48 ng/ml



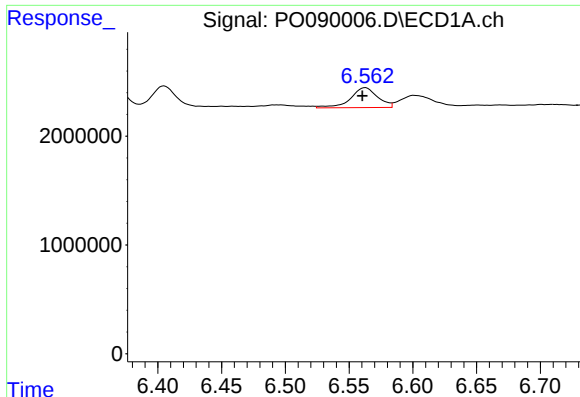
#26 AR-1254-1

R.T.: 6.340 min
Delta R.T.: 0.000 min
Response: 2040425
Conc: 17.61 ng/ml



#26 AR-1254-1

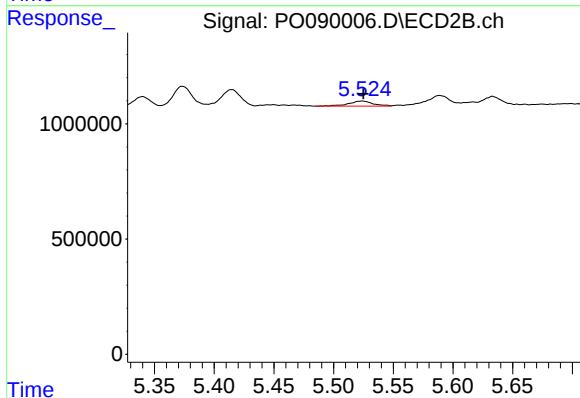
R.T.: 5.373 min
Delta R.T.: -0.003 min
Response: 975936
Conc: 16.57 ng/ml



#27 AR-1254-2

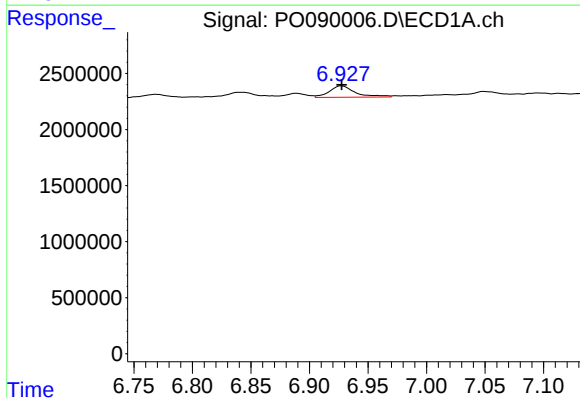
R.T.: 6.563 min
Delta R.T.: 0.002 min
Response: 2698466
Conc: 15.51 ng/ml

Instrument :
ECD_O
ClientSampleId :



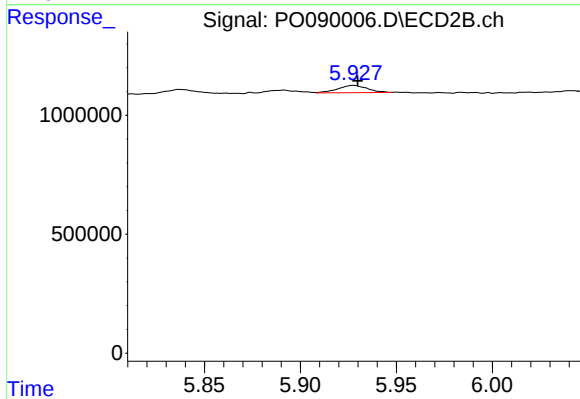
#27 AR-1254-2

R.T.: 5.524 min
Delta R.T.: 0.000 min
Response: 317883
Conc: 5.93 ng/ml



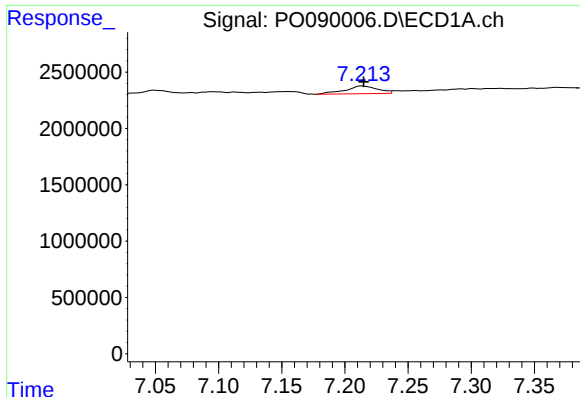
#28 AR-1254-3

R.T.: 6.927 min
Delta R.T.: 0.000 min
Response: 1577473
Conc: 9.09 ng/ml



#28 AR-1254-3

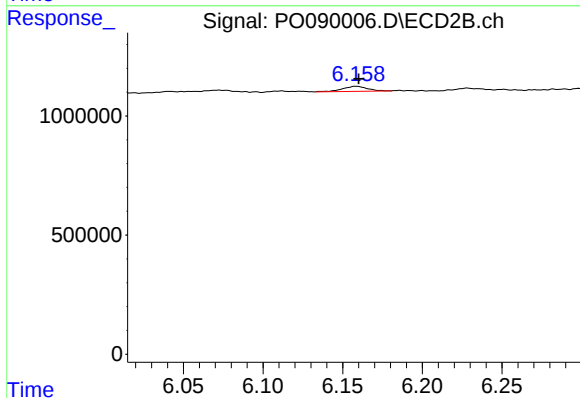
R.T.: 5.928 min
Delta R.T.: -0.002 min
Response: 322020
Conc: 3.89 ng/ml



#29 AR-1254-4

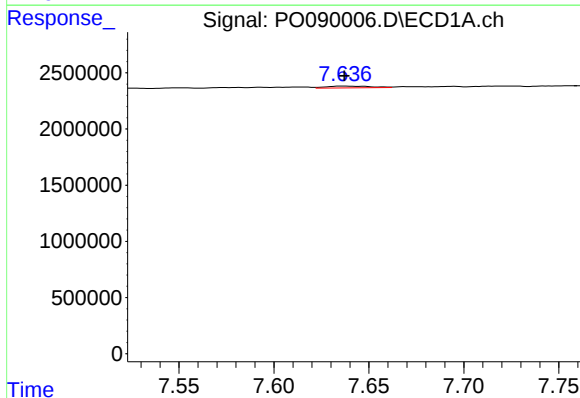
R.T.: 7.213 min
Delta R.T.: -0.002 min
Response: 1228085
Conc: 9.63 ng/ml

Instrument :
ECD_O
ClientSampleId :



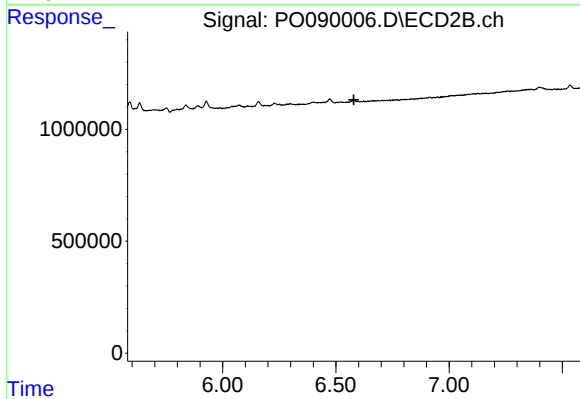
#29 AR-1254-4

R.T.: 6.159 min
Delta R.T.: -0.001 min
Response: 231808
Conc: 4.67 ng/ml



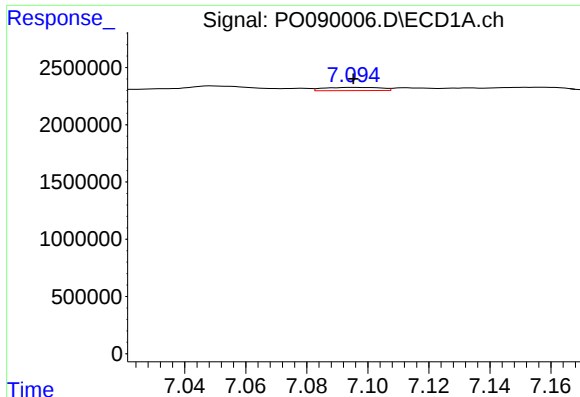
#30 AR-1254-5

R.T.: 7.637 min
Delta R.T.: 0.000 min
Response: 269881
Conc: 1.92 ng/ml



#30 AR-1254-5

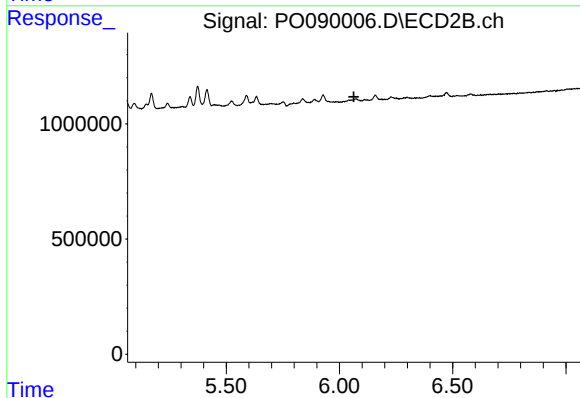
R.T.: 0.000 min
Exp R.T. : 6.579 min
Response: 0
Conc: N.D.



#31 AR-1260-1

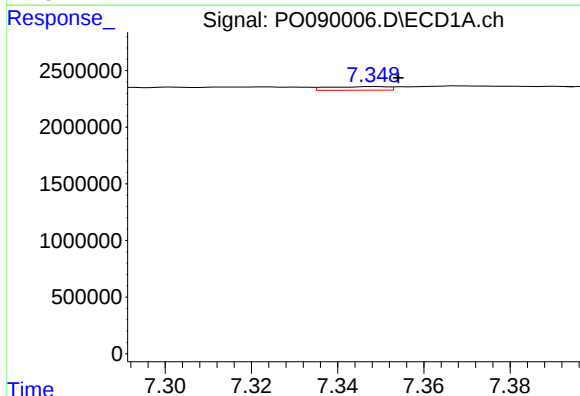
R.T.: 7.095 min
Delta R.T.: 0.000 min
Response: 364926
Conc: 2.60 ng/ml

Instrument :
ECD_O
ClientSampleId :



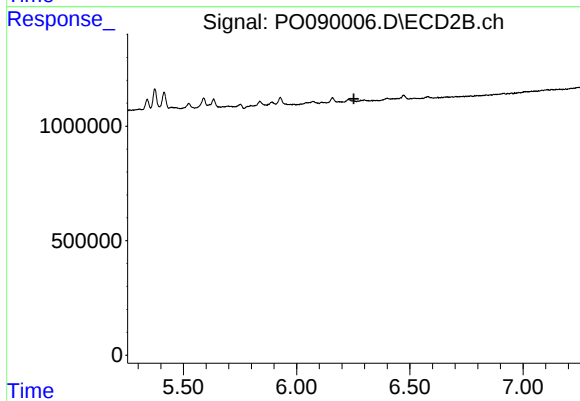
#31 AR-1260-1

R.T.: 0.000 min
Exp R.T. : 6.064 min
Response: 0
Conc: N.D.



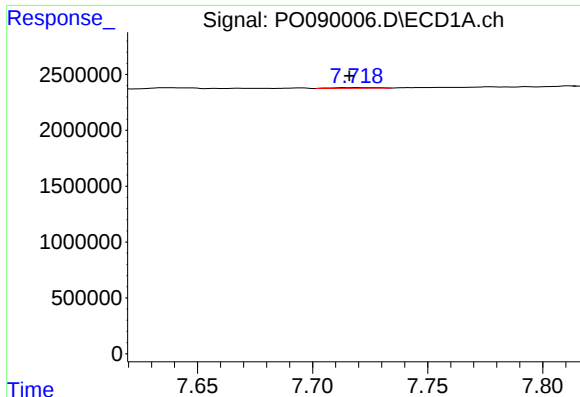
#32 AR-1260-2

R.T.: 7.348 min
Delta R.T.: -0.006 min
Response: 313764
Conc: 1.94 ng/ml



#32 AR-1260-2

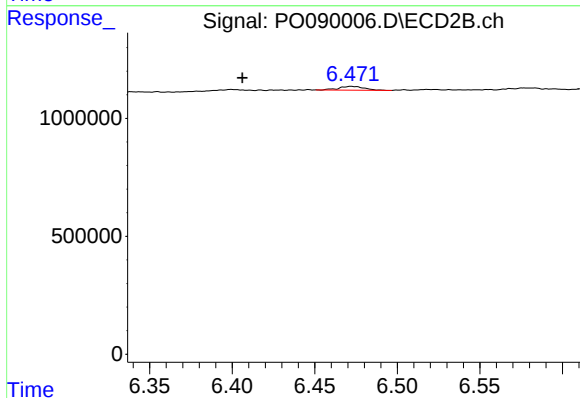
R.T.: 0.000 min
Exp R.T. : 6.253 min
Response: 0
Conc: N.D.



#33 AR-1260-3

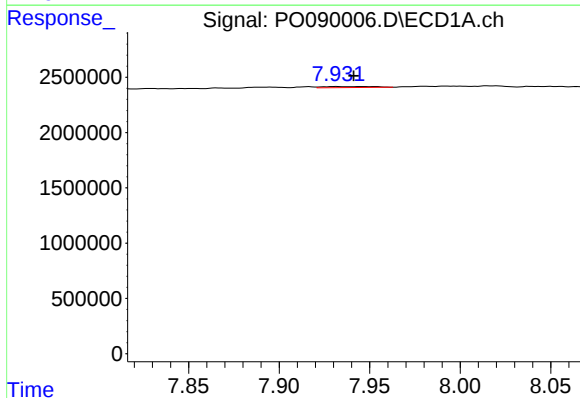
R.T.: 7.720 min
Delta R.T.: 0.004 min
Response: 88470
Conc: 0.84 ng/ml

Instrument :
ECD_O
ClientSampleId :



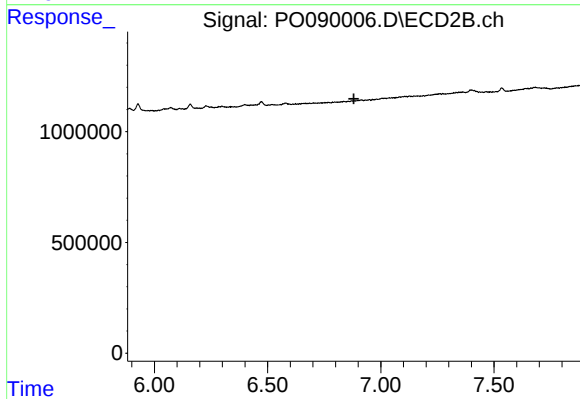
#33 AR-1260-3

R.T.: 6.472 min
Delta R.T.: 0.066 min
Response: 173880
Conc: 2.61 ng/ml



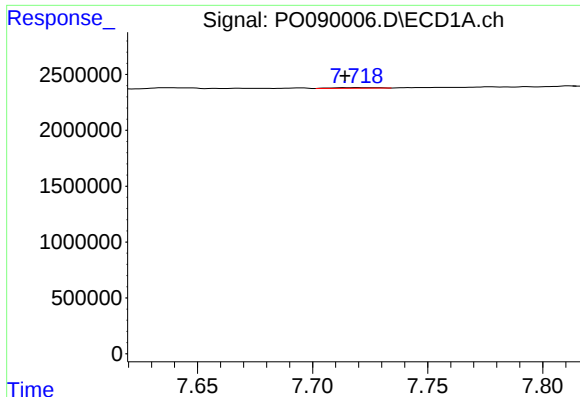
#34 AR-1260-4

R.T.: 7.932 min
Delta R.T.: -0.010 min
Response: 195138
Conc: 1.58 ng/ml



#34 AR-1260-4

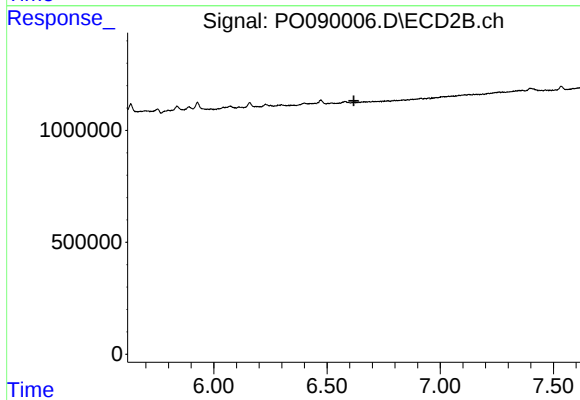
R.T.: 0.000 min
Exp R.T.: 6.881 min
Response: 0
Conc: N.D.



#36 AR-1262-1

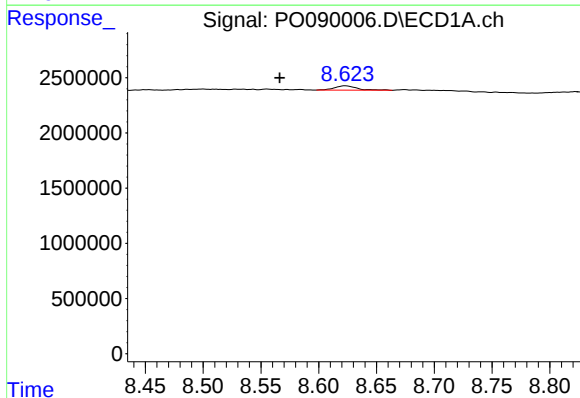
R.T.: 7.720 min
Delta R.T.: 0.006 min
Response: 88470
Conc: 0.53 ng/ml

Instrument :
ECD_O
ClientSampleId :



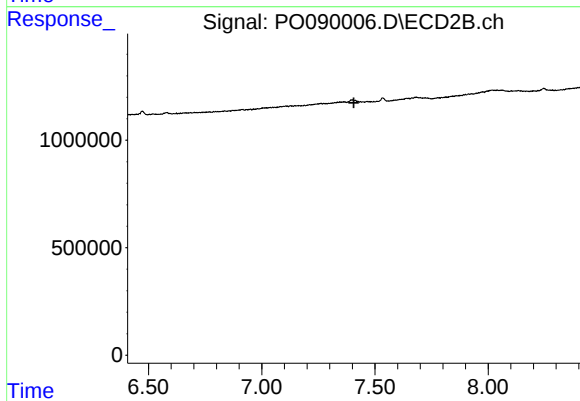
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T. : 6.618 min
Response: 0
Conc: N.D.



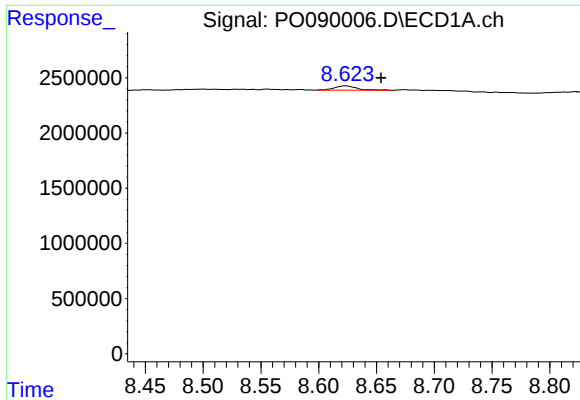
#38 AR-1262-3

R.T.: 8.623 min
Delta R.T.: 0.057 min
Response: 544645
Conc: 2.77 ng/ml



#38 AR-1262-3

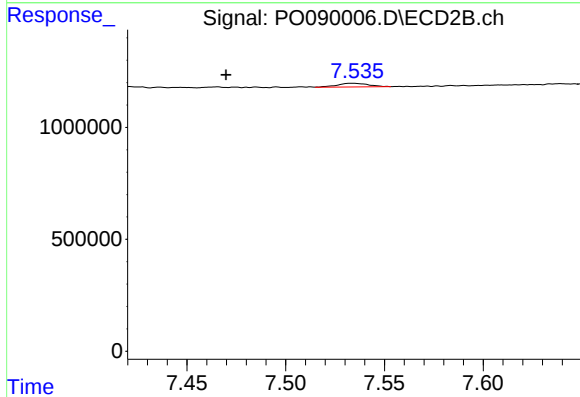
R.T.: 0.000 min
Exp R.T. : 7.407 min
Response: 0
Conc: N.D.



#39 AR-1262-4

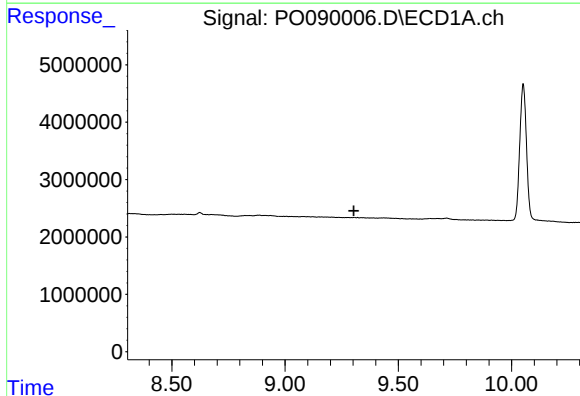
R.T.: 8.623 min
Delta R.T.: -0.031 min
Response: 544645
Conc: 5.60 ng/ml

Instrument :
ECD_O
ClientSampleId :



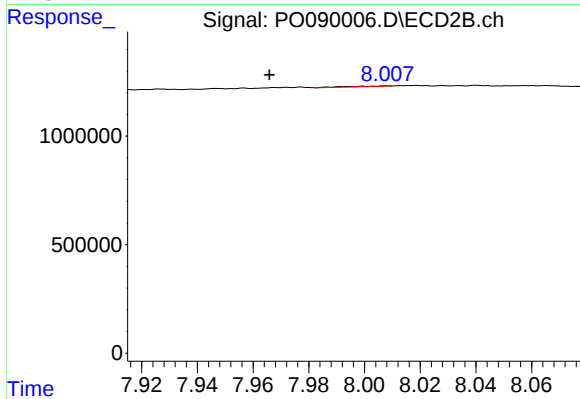
#39 AR-1262-4

R.T.: 7.534 min
Delta R.T.: 0.064 min
Response: 178477
Conc: 1.84 ng/ml



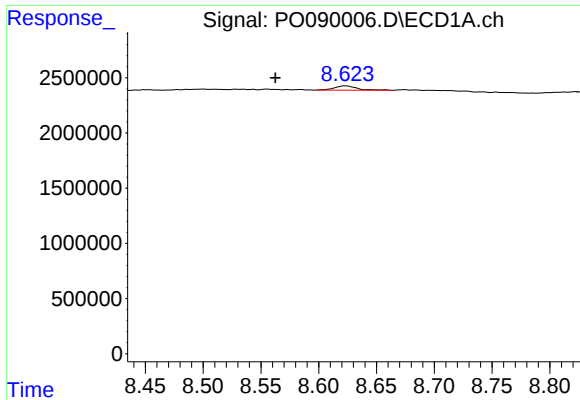
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 9.303 min
Response: 0
Conc: N.D.



#40 AR-1262-5

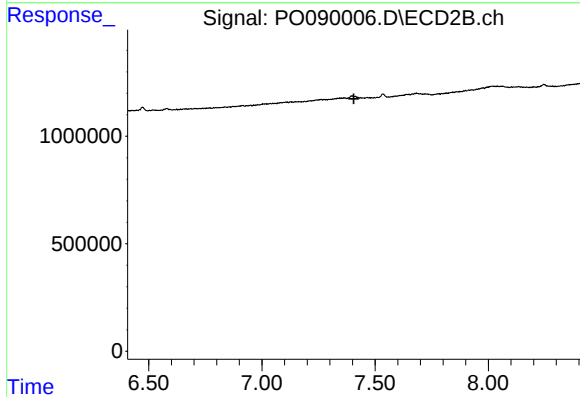
R.T.: 8.008 min
Delta R.T.: 0.042 min
Response: 23261
Conc: 0.49 ng/ml



#41 AR-1268-1

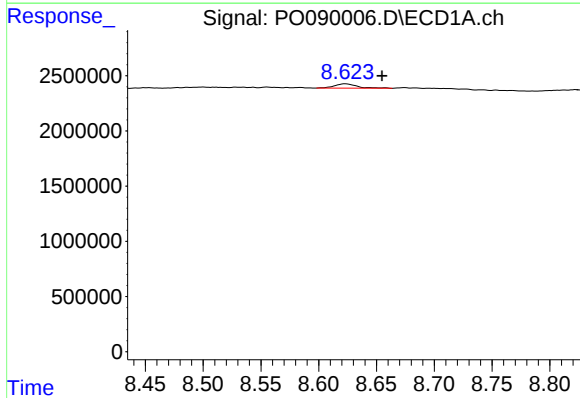
R.T.: 8.623 min
Delta R.T.: 0.060 min
Response: 544645
Conc: 1.56 ng/ml

Instrument :
ECD_O
ClientSampleId :



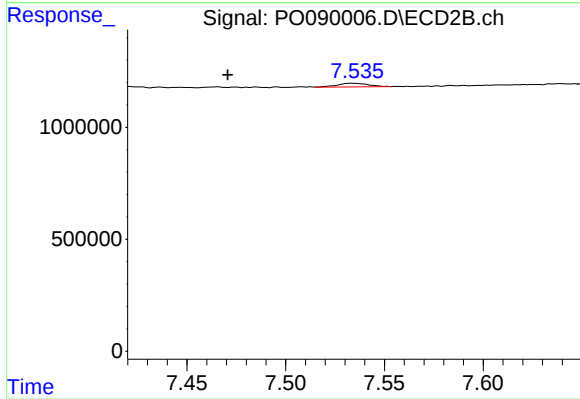
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 7.406 min
Response: 0
Conc: N.D.



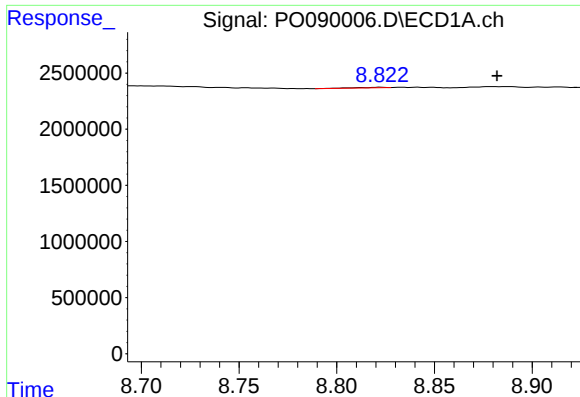
#42 AR-1268-2

R.T.: 8.623 min
Delta R.T.: -0.032 min
Response: 544645
Conc: 1.75 ng/ml



#42 AR-1268-2

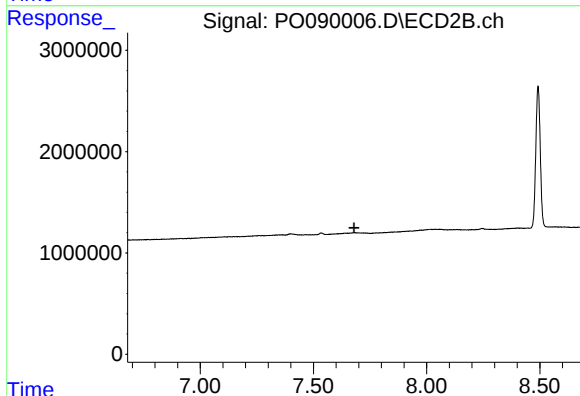
R.T.: 7.534 min
Delta R.T.: 0.063 min
Response: 178477
Conc: 1.27 ng/ml



#43 AR-1268-3

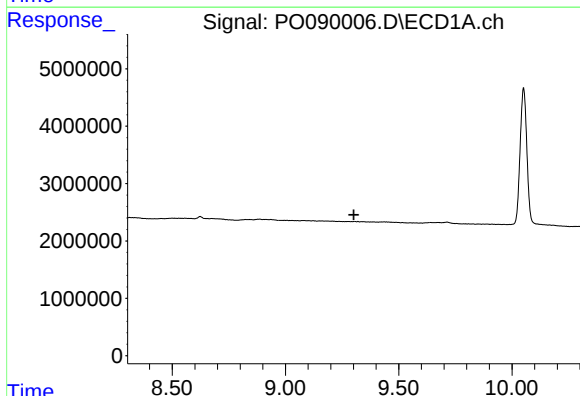
R.T.: 8.823 min
Delta R.T.: -0.059 min
Response: 50567
Conc: 0.19 ng/ml

Instrument :
ECD_O
ClientSampleId :



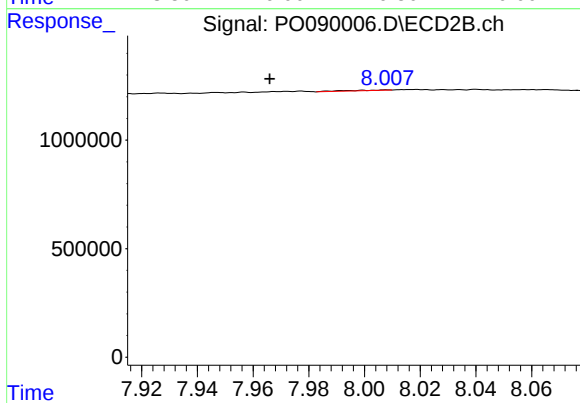
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 7.679 min
Response: 0
Conc: N.D.



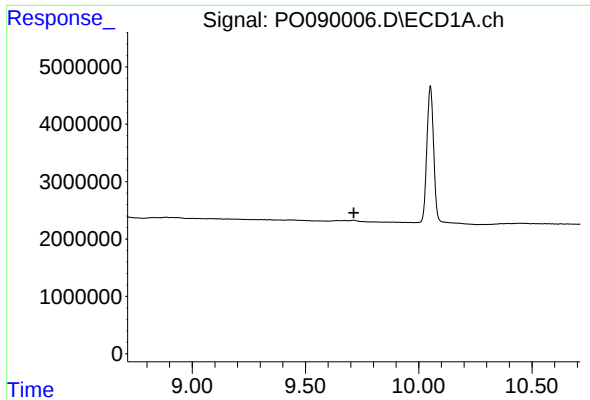
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 9.302 min
Response: 0
Conc: N.D.



#44 AR-1268-4

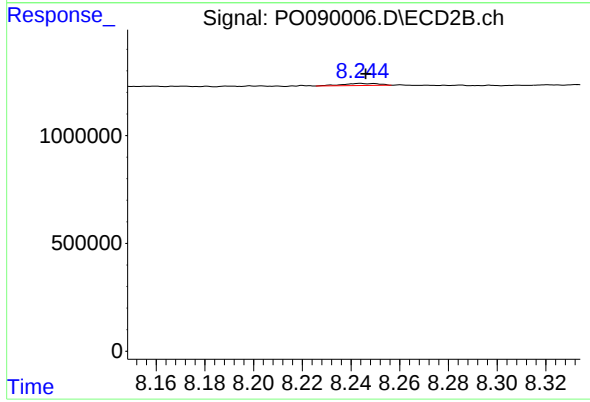
R.T.: 8.008 min
Delta R.T.: 0.042 min
Response: 23261
Conc: 0.43 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 9.714 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.244 min
Delta R.T.: -0.002 min
Response: 101475
Conc: 0.29 ng/ml