

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_0\Data\P0022423\
 Data File : P0092727.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Feb 2023 22:21
 Operator : YP/AJ
 Sample : 01627-02
 Misc : AR1660 LOQ 50 PPB
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 ECD_0
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 25 04:24:08 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_0\methods\P0022123.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Feb 22 05:46:11 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...	4.431	3.637	61557121	24279200	20.500	19.047
2)	SA Decachlor...	10.262	8.671	44226303	23260488	22.993	19.959
Target Compounds							
3)	L1 AR-1016-1	5.607	4.723	5077925	1970513	55.250	48.777
4)	L1 AR-1016-2	5.630	4.741	7372379	2815818	55.314	48.766
5)	L1 AR-1016-3	5.692	4.919	4983081	1435883	57.394	45.822
6)	L1 AR-1016-4	5.791	4.961	3368089	1381226	51.577	49.405
7)	L1 AR-1016-5	6.089	5.174	3947208	1790824	55.540	50.484
8)	L2 AR-1221-1	4.637	0.000	891000	0	22.542	N.D. #
9)	L2 AR-1221-2	4.736	3.936	1403308	576144	48.772	47.588
10)	L2 AR-1221-3	4.804	4.012	3132530	1199314	35.569	32.210
11)	L3 AR-1232-1	4.804	4.012	3132530	1199314	44.578	38.308
12)	L3 AR-1232-2	5.337	4.741	4071670	2815818	118.391	104.527
13)	L3 AR-1232-3	5.630	4.919	7372379	1435883	120.592	102.434
14)	L3 AR-1232-4	5.791	5.002	3368089	1709380	114.116	120.197
15)	L3 AR-1232-5	5.884	5.174	3640443	1790824	140.186	115.164
16)	L4 AR-1242-1	5.607	4.723	5077925	1970513	64.358	58.679
17)	L4 AR-1242-2	5.630	4.741	7372379	2815818	64.090	58.721
18)	L4 AR-1242-3	5.692	4.919	4983081	1435883	67.500	55.142
19)	L4 AR-1242-4	5.791	5.002	3368089	1709380	60.810	59.280
20)	L4 AR-1242-5	6.535	5.527	911468	1717139	15.561	54.880 #
21)	L5 AR-1248-1	5.607	4.723	5077925	1970513	82.837	75.255
22)	L5 AR-1248-2	5.884	4.961	3640443	1381226	37.827	34.139
23)	L5 AR-1248-3	6.089	5.002	3947208	1709380	38.465	40.559
24)	L5 AR-1248-4	6.495	5.174	1147707	1790824	11.468	37.075 #
25)	L5 AR-1248-5	6.535	5.567	911468	405334	9.004	9.712
26)	L6 AR-1254-1	6.469	5.527	3426499	1717139	30.221	24.527
27)	L6 AR-1254-2	6.689	5.676	2633598	1284232	15.846	20.470 #
28)	L6 AR-1254-3	7.059	6.096	1181171	2240826	7.215	23.246 #
29)	L6 AR-1254-4	7.347	6.341	646909	862272	6.233	16.710 #
30)	L6 AR-1254-5	7.768	6.729	9272546	4030786	75.630	49.646 #
31)	L7 AR-1260-1	7.225	6.211	6706358	3586578	54.957	52.644
32)	L7 AR-1260-2	7.485	6.400	7973504	4010383	54.249	49.891
33)	L7 AR-1260-3	7.768	6.555	9272546	3858565	58.991	47.801
34)	L7 AR-1260-4	8.075	7.029	6150954	3070332	52.511	50.440
35)	L7 AR-1260-5	8.402	7.272	10205766	6126050	49.211	47.984
36)	L8 AR-1262-1	7.768	6.729	9272546	4030786	96.207	96.431
37)	L8 AR-1262-2	8.402	7.272	10205766	6126050	43.436	46.412
38)	L8 AR-1262-3	8.733	7.556	6469674	1681083	38.588	29.186
39)	L8 AR-1262-4	8.810	7.621	4736201	4849897	33.028	48.320 #
40)	L8 AR-1262-5	9.486	8.119	2478414	1664530	28.665	36.269 #
41)	L9 AR-1268-1	8.733	7.556	6469674	1681083	20.702	9.783 #

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 Operator : YP/AJ
 Sample : 01627-02
 Misc : AR1660 LOQ 50 PPB
 ALS Vial : 39 Sample Multiplier: 1

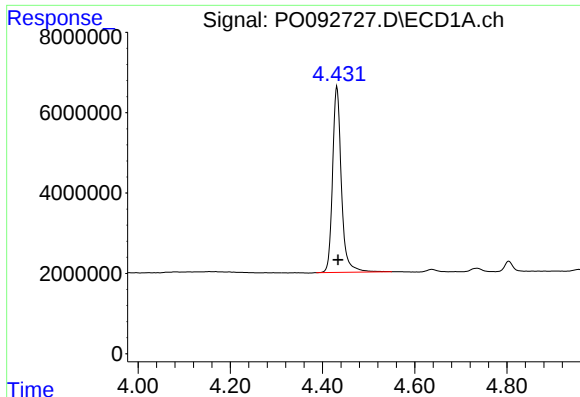
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 25 04:24:08 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0022123.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	8.810	7.621	4736201	4849897	16.012	31.859 #
44) L9	AR-1268-4	9.486	8.119	2478414	1664530	26.071	30.806
45) L9	AR-1268-5	0.000	8.412	0	475692	N.D.	1.301 #

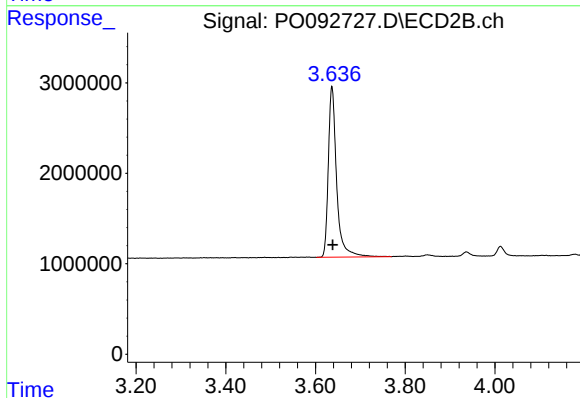
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

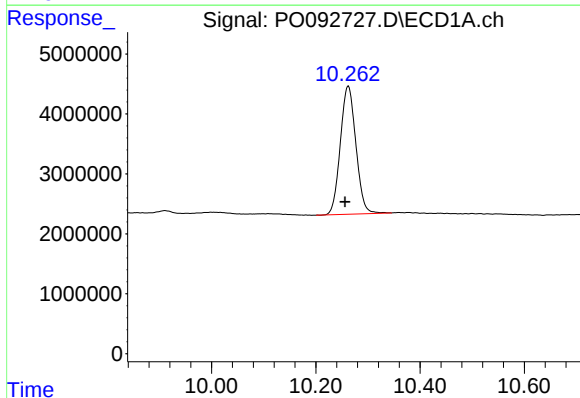
R.T.: 4.431 min
Delta R.T.: -0.003 min
Response: 61557121
Conc: 20.50 ng/ml

Instrument :
ECD_O
ClientSampleId :



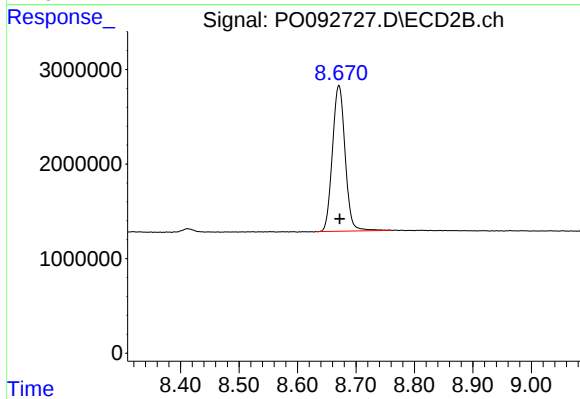
#1 Tetrachloro-m-xylene

R.T.: 3.637 min
Delta R.T.: -0.002 min
Response: 24279200
Conc: 19.05 ng/ml



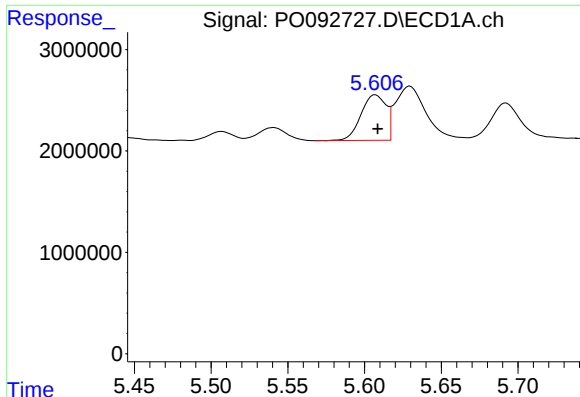
#2 Decachlorobiphenyl

R.T.: 10.262 min
Delta R.T.: 0.006 min
Response: 44226303
Conc: 22.99 ng/ml



#2 Decachlorobiphenyl

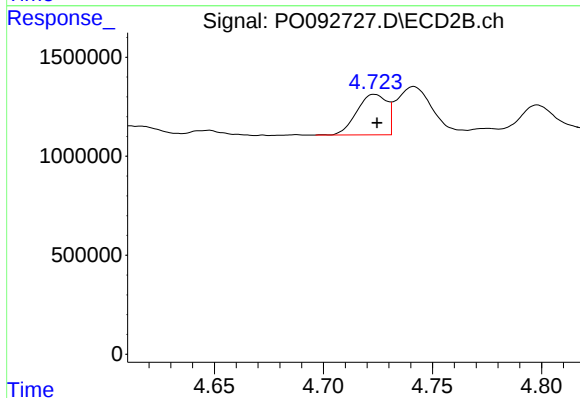
R.T.: 8.671 min
Delta R.T.: -0.001 min
Response: 23260488
Conc: 19.96 ng/ml



#3 AR-1016-1

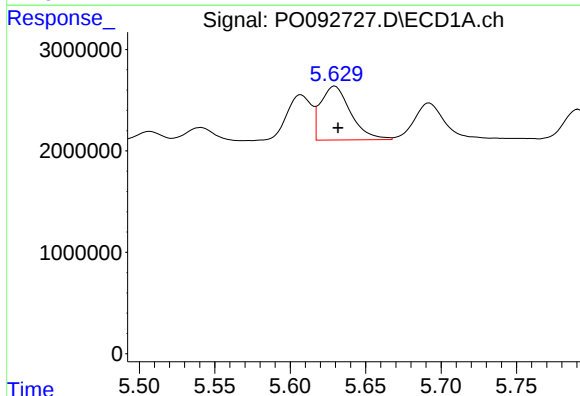
R.T.: 5.607 min
Delta R.T.: -0.002 min
Response: 5077925
Conc: 55.25 ng/ml

Instrument :
ECD_O
ClientSampleId :



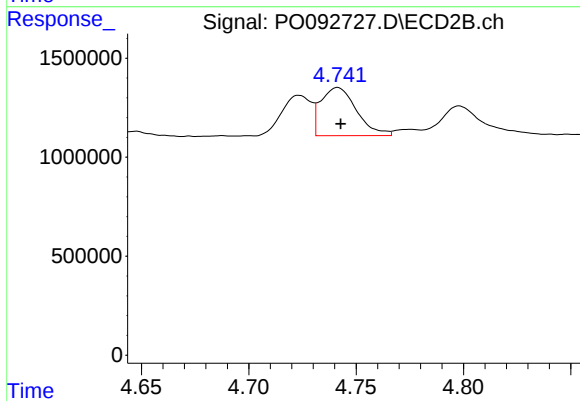
#3 AR-1016-1

R.T.: 4.723 min
Delta R.T.: -0.001 min
Response: 1970513
Conc: 48.78 ng/ml



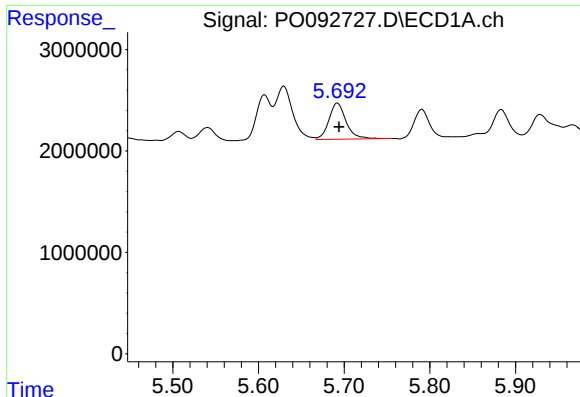
#4 AR-1016-2

R.T.: 5.630 min
Delta R.T.: -0.002 min
Response: 7372379
Conc: 55.31 ng/ml



#4 AR-1016-2

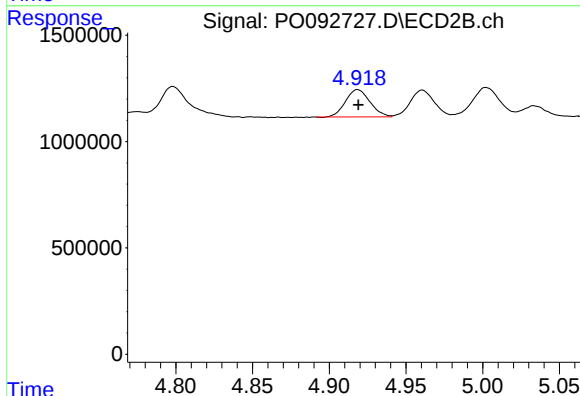
R.T.: 4.741 min
Delta R.T.: -0.001 min
Response: 2815818
Conc: 48.77 ng/ml



#5 AR-1016-3

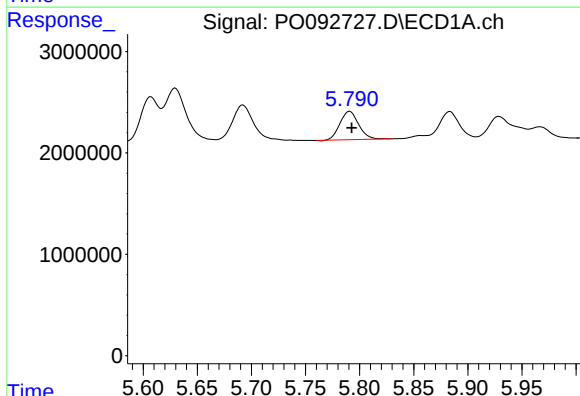
R.T.: 5.692 min
Delta R.T.: -0.002 min
Response: 4983081
Conc: 57.39 ng/ml

Instrument :
ECD_O
ClientSampleId :



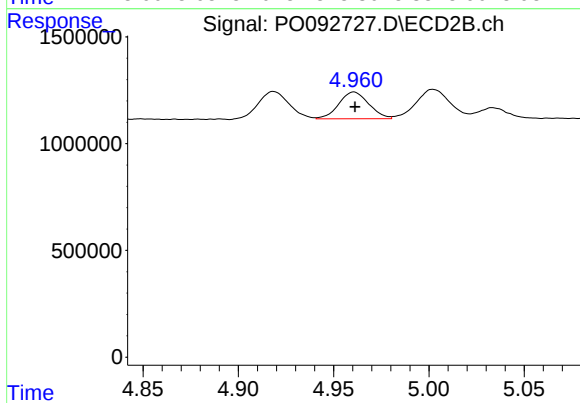
#5 AR-1016-3

R.T.: 4.919 min
Delta R.T.: 0.000 min
Response: 1435883
Conc: 45.82 ng/ml



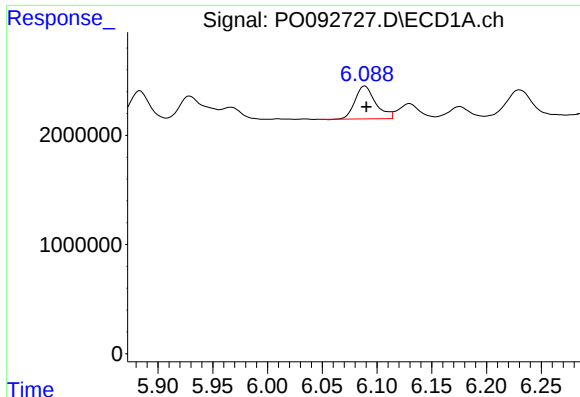
#6 AR-1016-4

R.T.: 5.791 min
Delta R.T.: -0.002 min
Response: 3368089
Conc: 51.58 ng/ml



#6 AR-1016-4

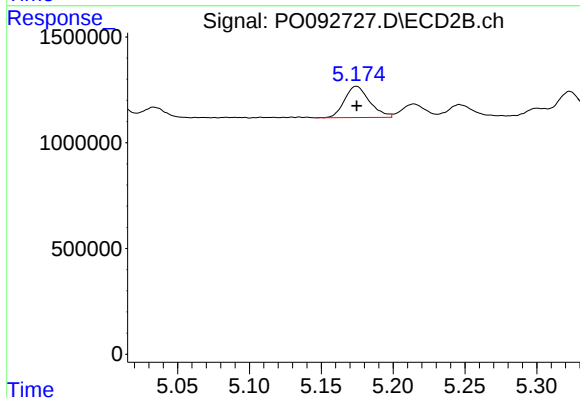
R.T.: 4.961 min
Delta R.T.: 0.000 min
Response: 1381226
Conc: 49.41 ng/ml



#7 AR-1016-5

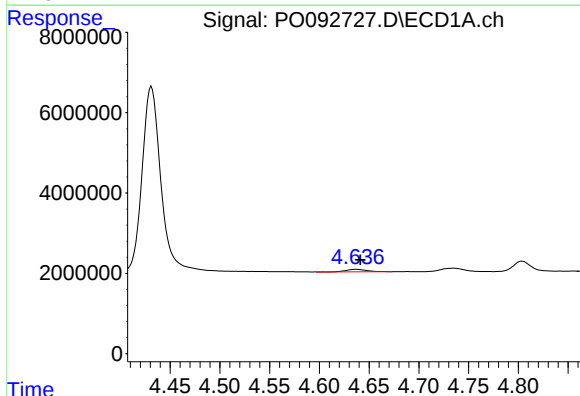
R.T.: 6.089 min
Delta R.T.: -0.001 min
Response: 3947208
Conc: 55.54 ng/ml

Instrument :
ECD_O
ClientSampleId :



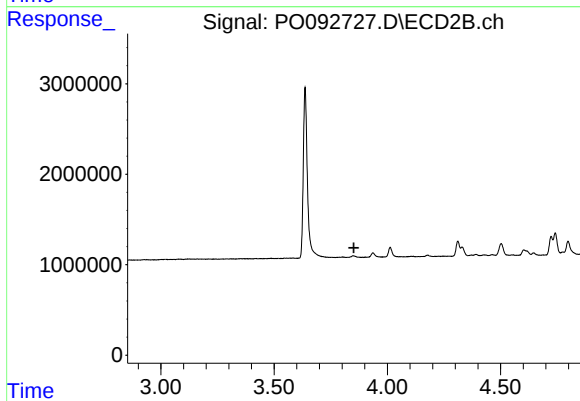
#7 AR-1016-5

R.T.: 5.174 min
Delta R.T.: 0.000 min
Response: 1790824
Conc: 50.48 ng/ml



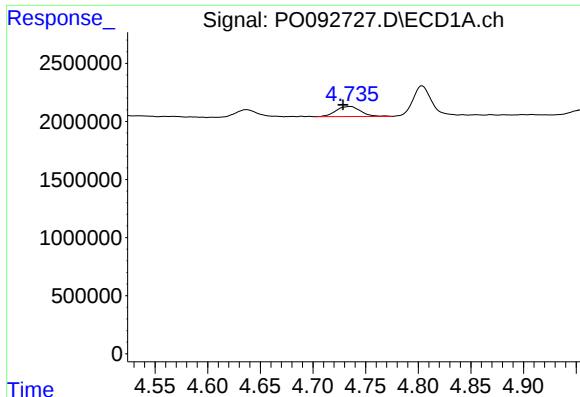
#8 AR-1221-1

R.T.: 4.637 min
Delta R.T.: -0.004 min
Response: 891000
Conc: 22.54 ng/ml



#8 AR-1221-1

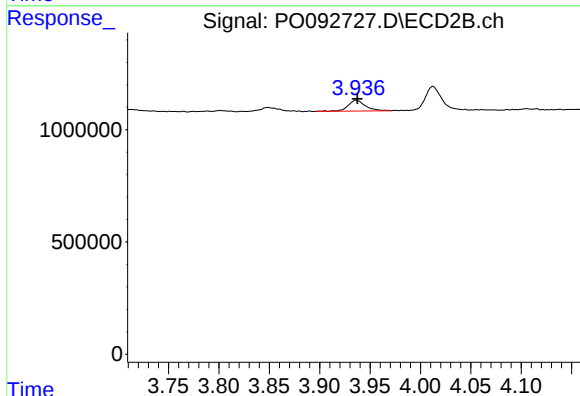
R.T.: 0.000 min
Exp R.T. : 3.852 min
Response: 0
Conc: N.D.



#9 AR-1221-2

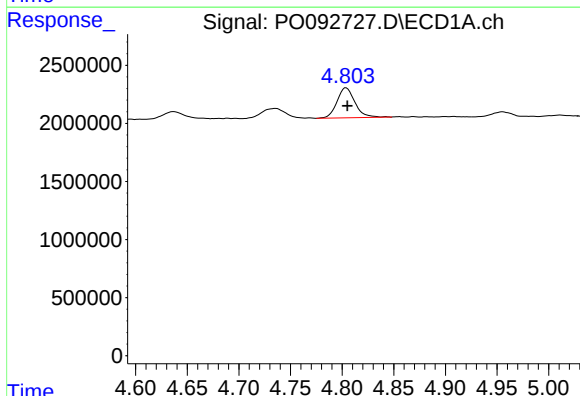
R.T.: 4.736 min
Delta R.T.: 0.007 min
Response: 1403308
Conc: 48.77 ng/ml

Instrument :
ECD_O
ClientSampleId :



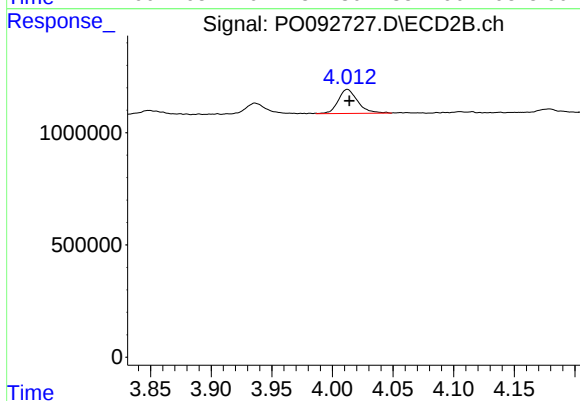
#9 AR-1221-2

R.T.: 3.936 min
Delta R.T.: -0.001 min
Response: 576144
Conc: 47.59 ng/ml



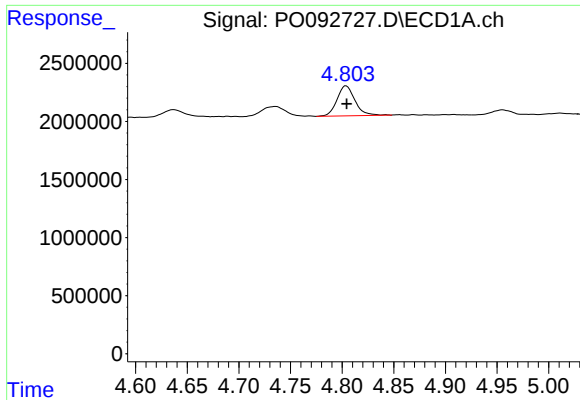
#10 AR-1221-3

R.T.: 4.804 min
Delta R.T.: -0.001 min
Response: 3132530
Conc: 35.57 ng/ml



#10 AR-1221-3

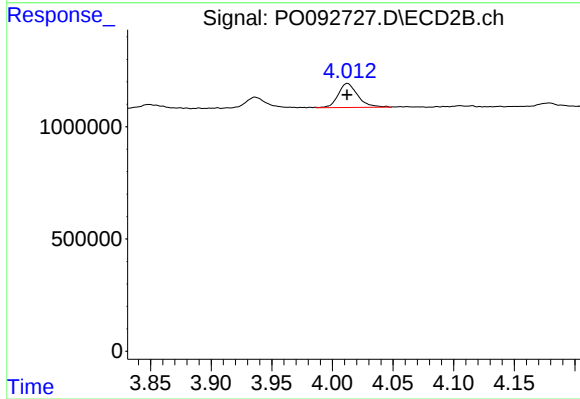
R.T.: 4.012 min
Delta R.T.: -0.001 min
Response: 1199314
Conc: 32.21 ng/ml



#11 AR-1232-1

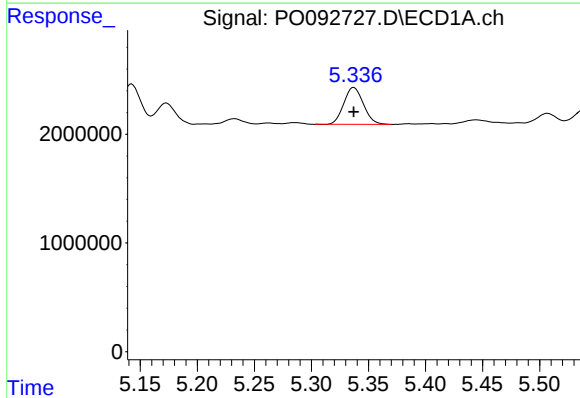
R.T.: 4.804 min
Delta R.T.: 0.000 min
Response: 3132530
Conc: 44.58 ng/ml

Instrument :
ECD_O
ClientSampleId :



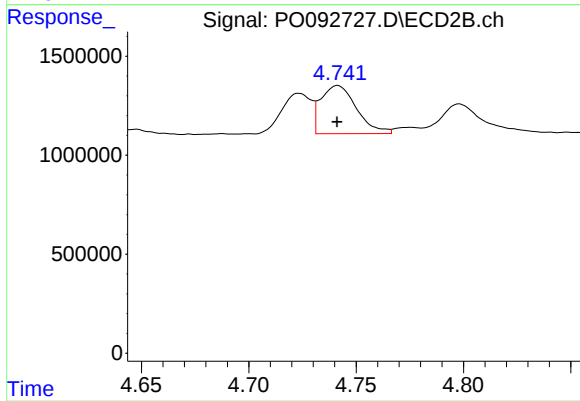
#11 AR-1232-1

R.T.: 4.012 min
Delta R.T.: 0.000 min
Response: 1199314
Conc: 38.31 ng/ml



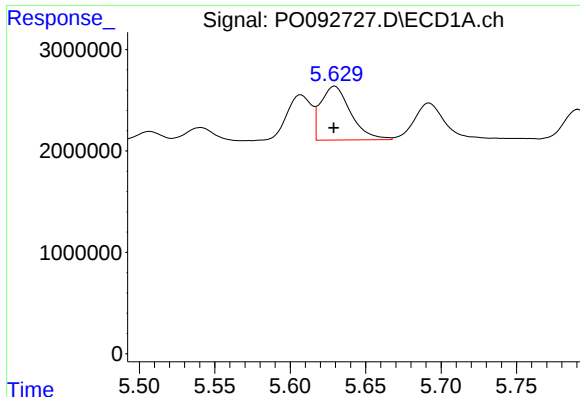
#12 AR-1232-2

R.T.: 5.337 min
Delta R.T.: 0.000 min
Response: 4071670
Conc: 118.39 ng/ml



#12 AR-1232-2

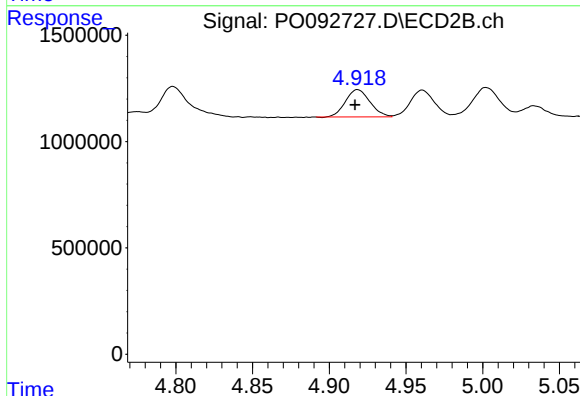
R.T.: 4.741 min
Delta R.T.: 0.000 min
Response: 2815818
Conc: 104.53 ng/ml



#13 AR-1232-3

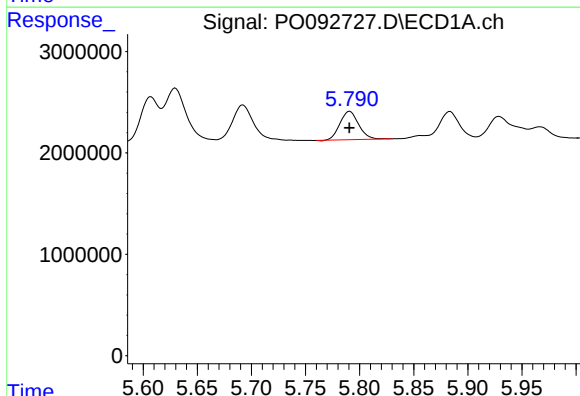
R.T.: 5.630 min
Delta R.T.: 0.000 min
Response: 7372379
Conc: 120.59 ng/ml

Instrument :
ECD_O
ClientSampleId :



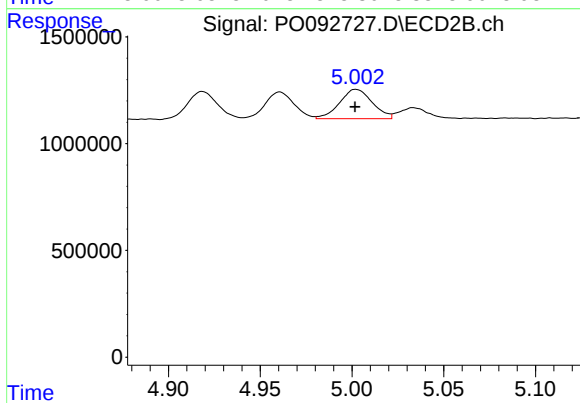
#13 AR-1232-3

R.T.: 4.919 min
Delta R.T.: 0.002 min
Response: 1435883
Conc: 102.43 ng/ml



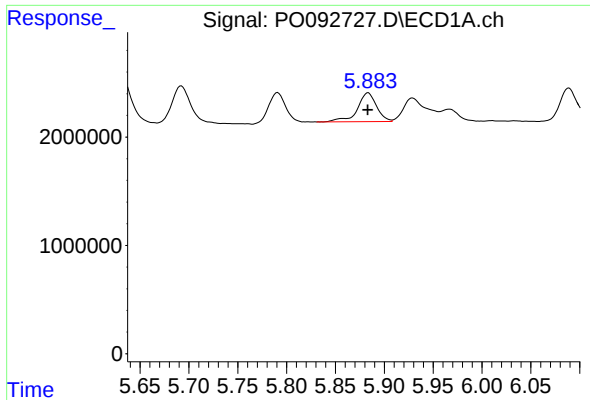
#14 AR-1232-4

R.T.: 5.791 min
Delta R.T.: 0.000 min
Response: 3368089
Conc: 114.12 ng/ml



#14 AR-1232-4

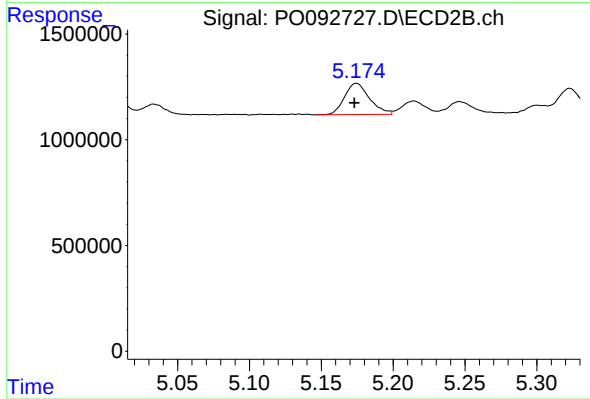
R.T.: 5.002 min
Delta R.T.: 0.000 min
Response: 1709380
Conc: 120.20 ng/ml



#15 AR-1232-5

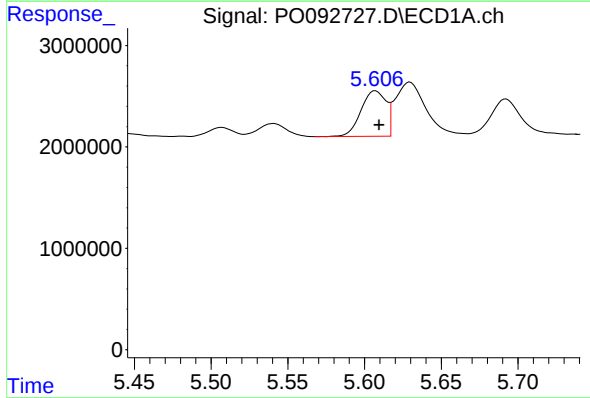
R.T.: 5.884 min
Delta R.T.: 0.000 min
Response: 3640443
Conc: 140.19 ng/ml

Instrument :
ECD_O
ClientSampleId :



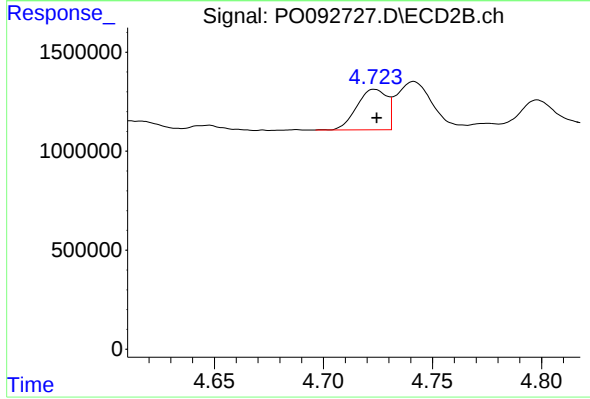
#15 AR-1232-5

R.T.: 5.174 min
Delta R.T.: 0.001 min
Response: 1790824
Conc: 115.16 ng/ml



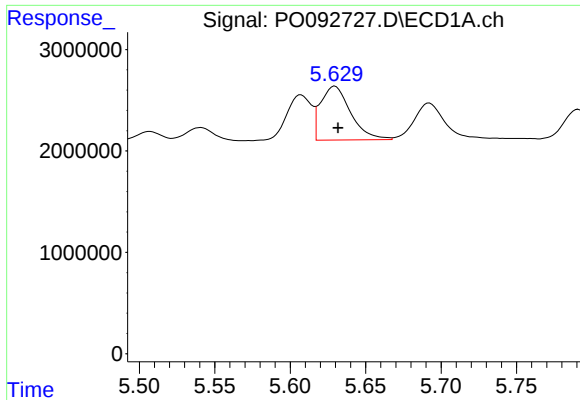
#16 AR-1242-1

R.T.: 5.607 min
Delta R.T.: -0.002 min
Response: 5077925
Conc: 64.36 ng/ml



#16 AR-1242-1

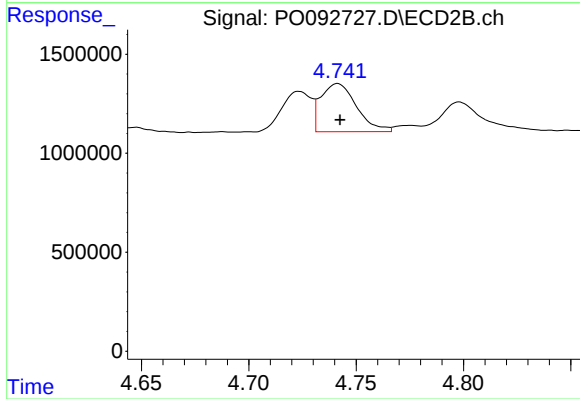
R.T.: 4.723 min
Delta R.T.: 0.000 min
Response: 1970513
Conc: 58.68 ng/ml



#17 AR-1242-2

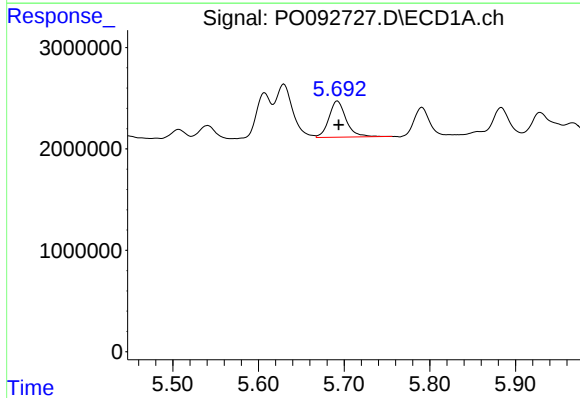
R.T.: 5.630 min
Delta R.T.: -0.002 min
Response: 7372379
Conc: 64.09 ng/ml

Instrument :
ECD_O
ClientSampleId :



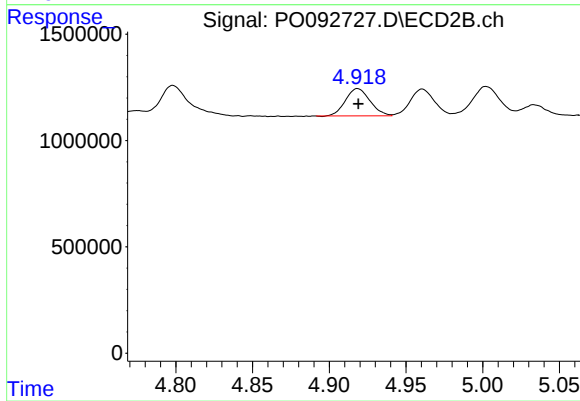
#17 AR-1242-2

R.T.: 4.741 min
Delta R.T.: -0.001 min
Response: 2815818
Conc: 58.72 ng/ml



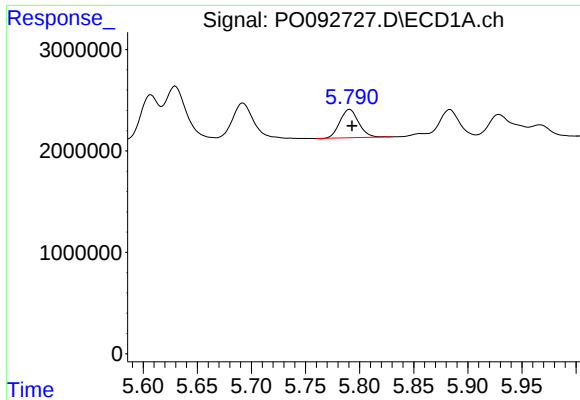
#18 AR-1242-3

R.T.: 5.692 min
Delta R.T.: -0.002 min
Response: 4983081
Conc: 67.50 ng/ml



#18 AR-1242-3

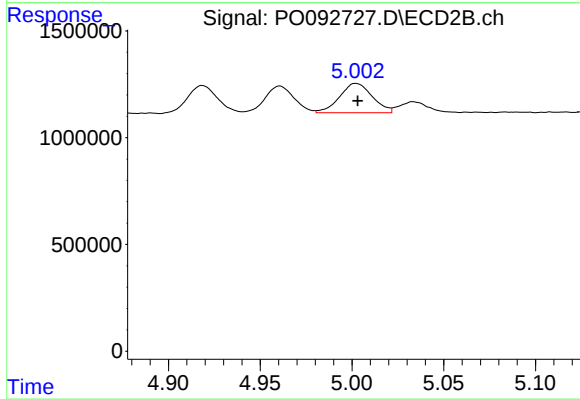
R.T.: 4.919 min
Delta R.T.: 0.000 min
Response: 1435883
Conc: 55.14 ng/ml



#19 AR-1242-4

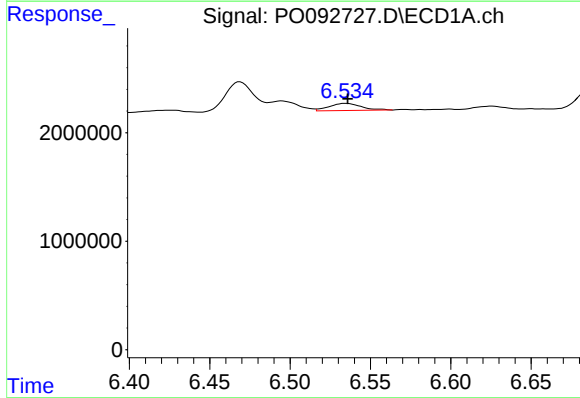
R.T.: 5.791 min
Delta R.T.: -0.002 min
Response: 3368089
Conc: 60.81 ng/ml

Instrument :
ECD_O
ClientSampleId :



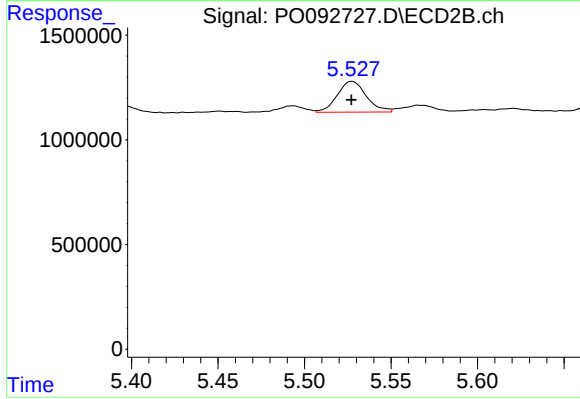
#19 AR-1242-4

R.T.: 5.002 min
Delta R.T.: 0.000 min
Response: 1709380
Conc: 59.28 ng/ml



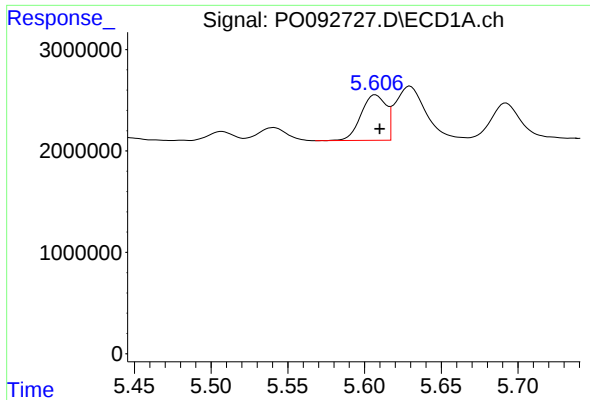
#20 AR-1242-5

R.T.: 6.535 min
Delta R.T.: -0.001 min
Response: 911468
Conc: 15.56 ng/ml



#20 AR-1242-5

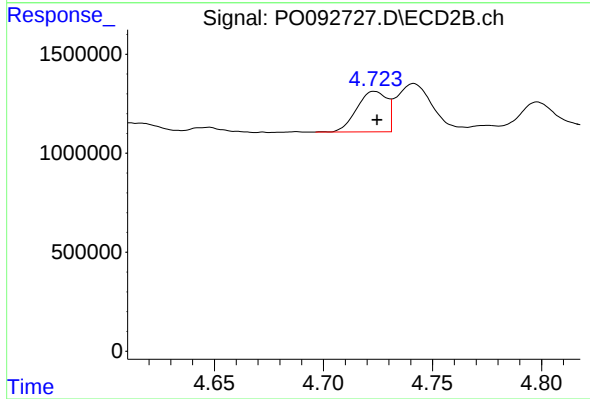
R.T.: 5.527 min
Delta R.T.: 0.000 min
Response: 1717139
Conc: 54.88 ng/ml



#21 AR-1248-1

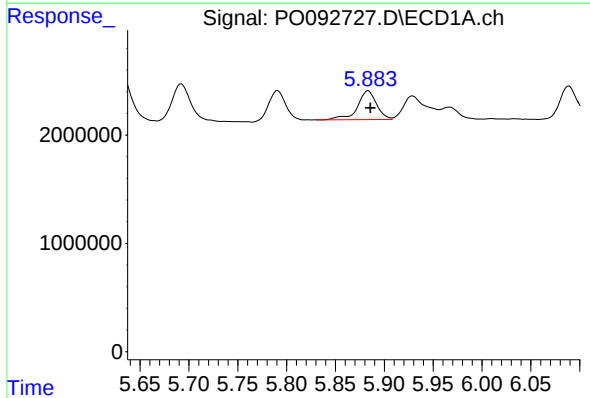
R.T.: 5.607 min
Delta R.T.: -0.003 min
Response: 5077925
Conc: 82.84 ng/ml

Instrument :
ECD_O
ClientSampleId :



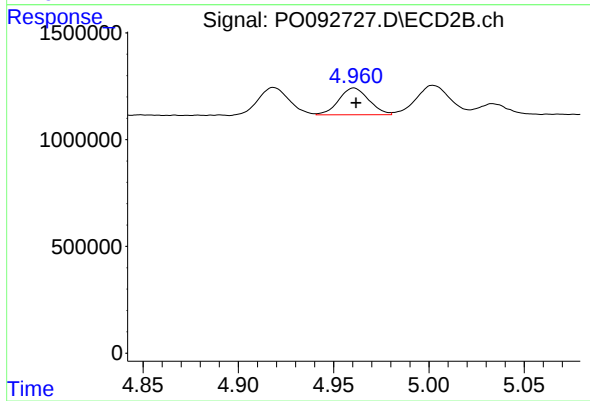
#21 AR-1248-1

R.T.: 4.723 min
Delta R.T.: -0.001 min
Response: 1970513
Conc: 75.25 ng/ml



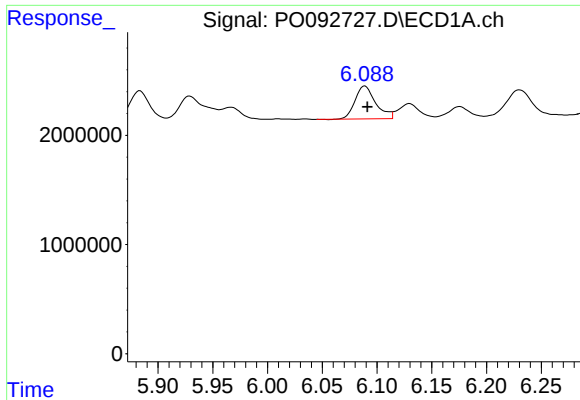
#22 AR-1248-2

R.T.: 5.884 min
Delta R.T.: -0.002 min
Response: 3640443
Conc: 37.83 ng/ml



#22 AR-1248-2

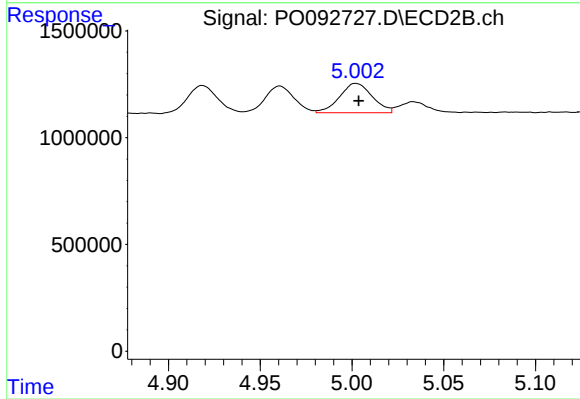
R.T.: 4.961 min
Delta R.T.: -0.001 min
Response: 1381226
Conc: 34.14 ng/ml



#23 AR-1248-3

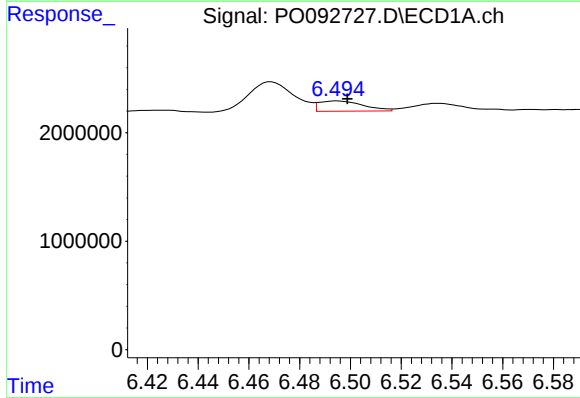
R.T.: 6.089 min
Delta R.T.: -0.002 min
Response: 3947208
Conc: 38.47 ng/ml

Instrument :
ECD_O
ClientSampleId :



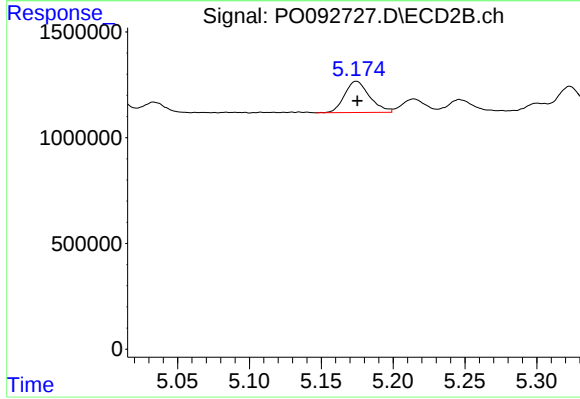
#23 AR-1248-3

R.T.: 5.002 min
Delta R.T.: -0.001 min
Response: 1709380
Conc: 40.56 ng/ml



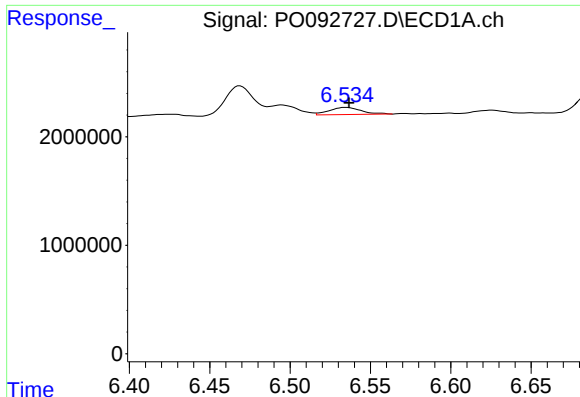
#24 AR-1248-4

R.T.: 6.495 min
Delta R.T.: -0.004 min
Response: 1147707
Conc: 11.47 ng/ml



#24 AR-1248-4

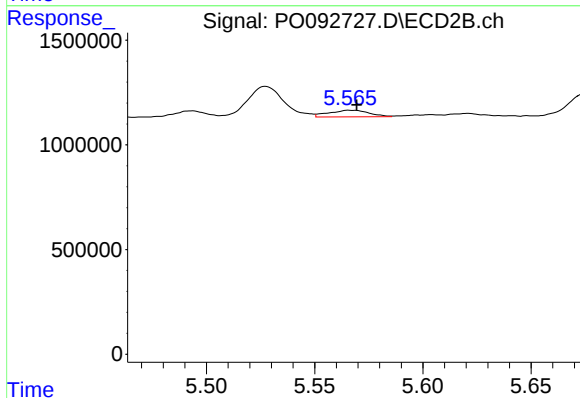
R.T.: 5.174 min
Delta R.T.: 0.000 min
Response: 1790824
Conc: 37.07 ng/ml



#25 AR-1248-5

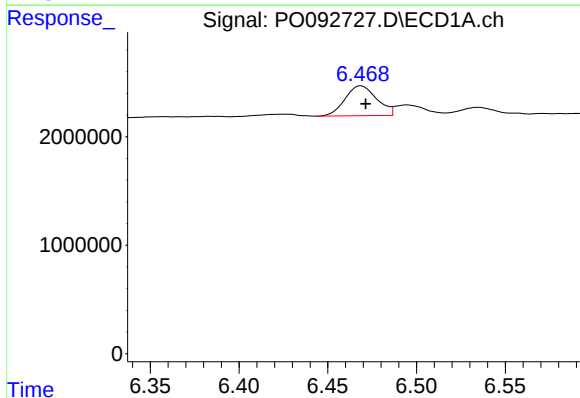
R.T.: 6.535 min
Delta R.T.: -0.002 min
Response: 911468
Conc: 9.00 ng/ml

Instrument :
ECD_O
ClientSampleId :



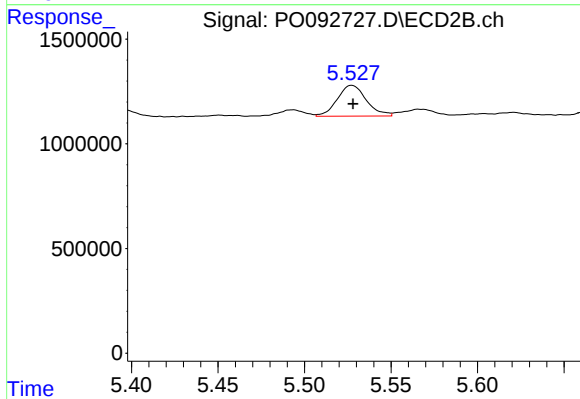
#25 AR-1248-5

R.T.: 5.567 min
Delta R.T.: -0.003 min
Response: 405334
Conc: 9.71 ng/ml



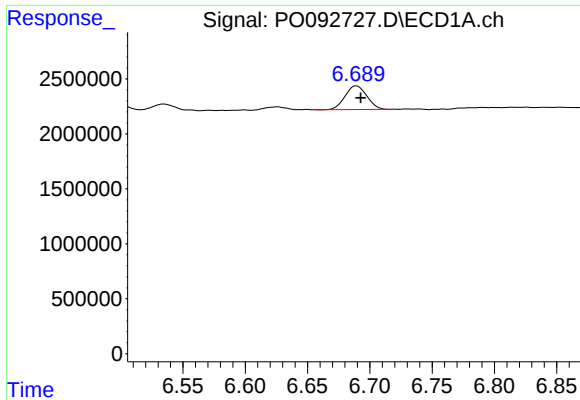
#26 AR-1254-1

R.T.: 6.469 min
Delta R.T.: -0.002 min
Response: 3426499
Conc: 30.22 ng/ml



#26 AR-1254-1

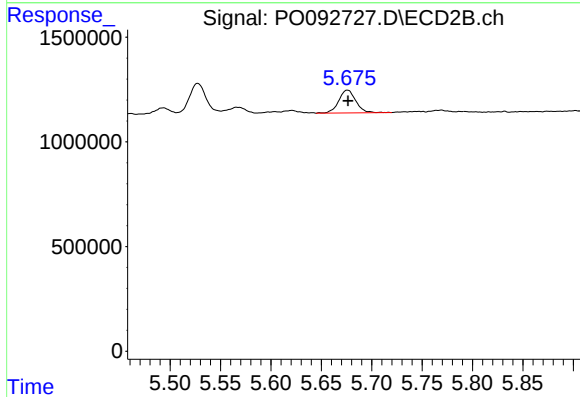
R.T.: 5.527 min
Delta R.T.: 0.000 min
Response: 1717139
Conc: 24.53 ng/ml



#27 AR-1254-2

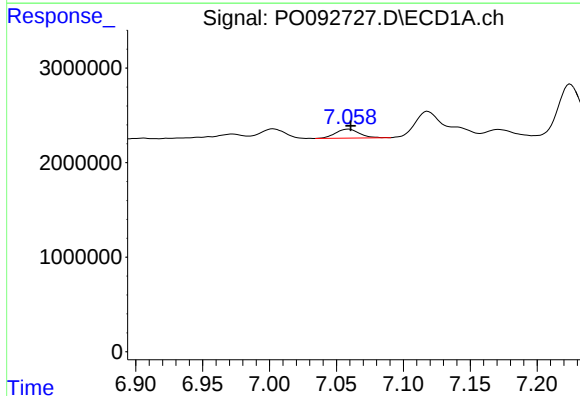
R.T.: 6.689 min
Delta R.T.: -0.003 min
Response: 2633598
Conc: 15.85 ng/ml

Instrument :
ECD_O
ClientSampleId :



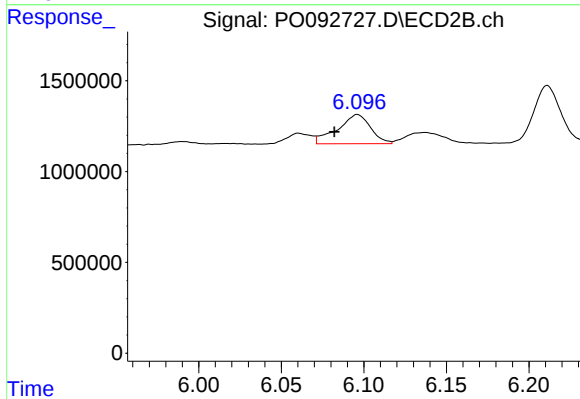
#27 AR-1254-2

R.T.: 5.676 min
Delta R.T.: 0.000 min
Response: 1284232
Conc: 20.47 ng/ml



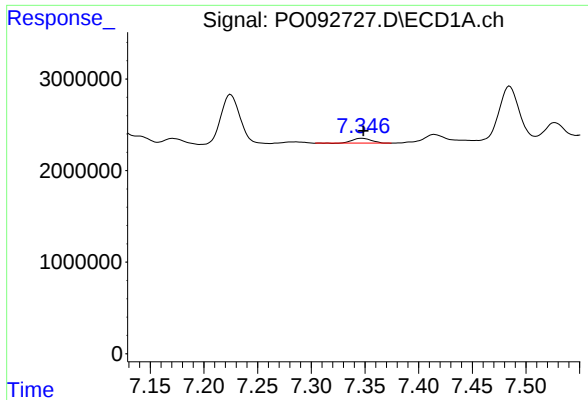
#28 AR-1254-3

R.T.: 7.059 min
Delta R.T.: -0.002 min
Response: 1181171
Conc: 7.22 ng/ml



#28 AR-1254-3

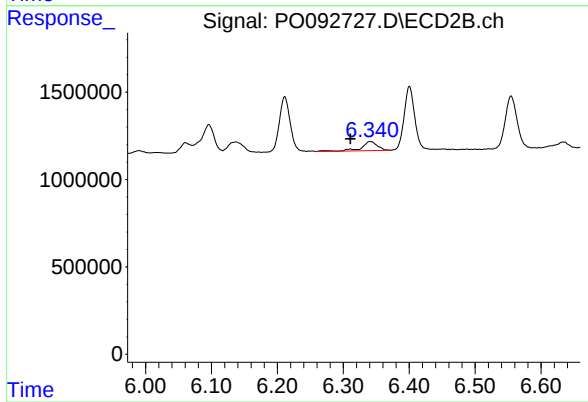
R.T.: 6.096 min
Delta R.T.: 0.014 min
Response: 2240826
Conc: 23.25 ng/ml



#29 AR-1254-4

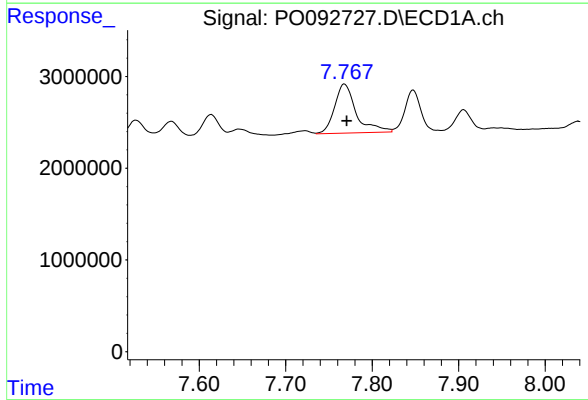
R.T.: 7.347 min
Delta R.T.: -0.002 min
Response: 646909
Conc: 6.23 ng/ml

Instrument :
ECD_O
ClientSampleId :



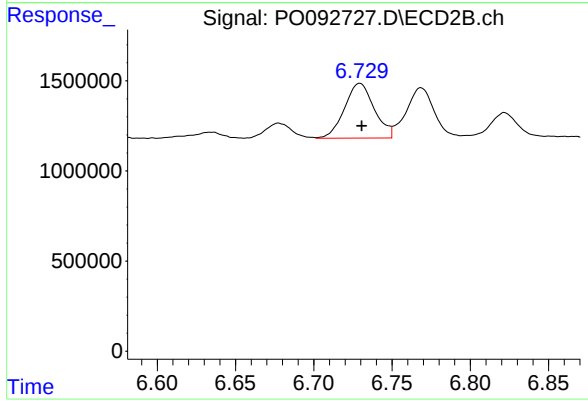
#29 AR-1254-4

R.T.: 6.341 min
Delta R.T.: 0.030 min
Response: 862272
Conc: 16.71 ng/ml



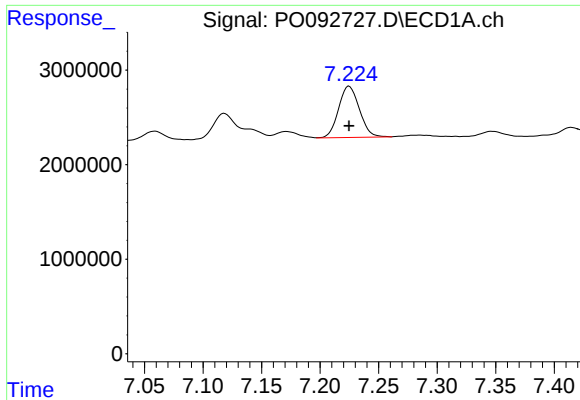
#30 AR-1254-5

R.T.: 7.768 min
Delta R.T.: -0.002 min
Response: 9272546
Conc: 75.63 ng/ml



#30 AR-1254-5

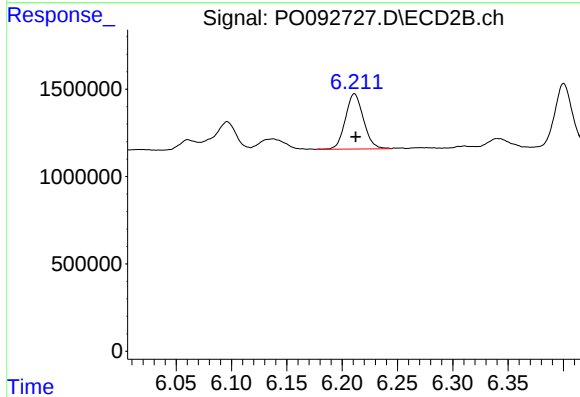
R.T.: 6.729 min
Delta R.T.: -0.001 min
Response: 4030786
Conc: 49.65 ng/ml



#31 AR-1260-1

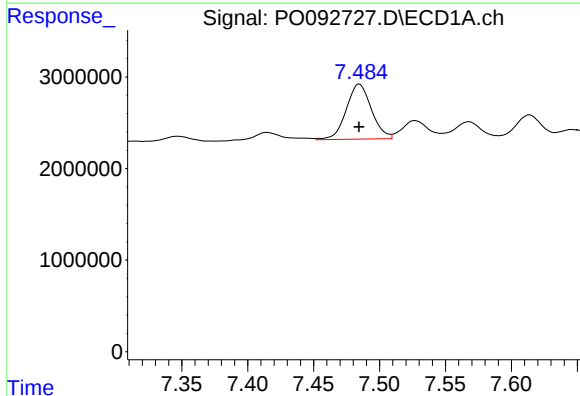
R.T.: 7.225 min
Delta R.T.: 0.000 min
Response: 6706358
Conc: 54.96 ng/ml

Instrument :
ECD_O
ClientSampleId :



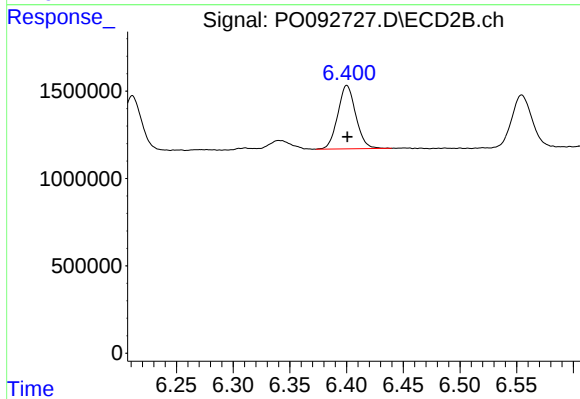
#31 AR-1260-1

R.T.: 6.211 min
Delta R.T.: -0.001 min
Response: 3586578
Conc: 52.64 ng/ml



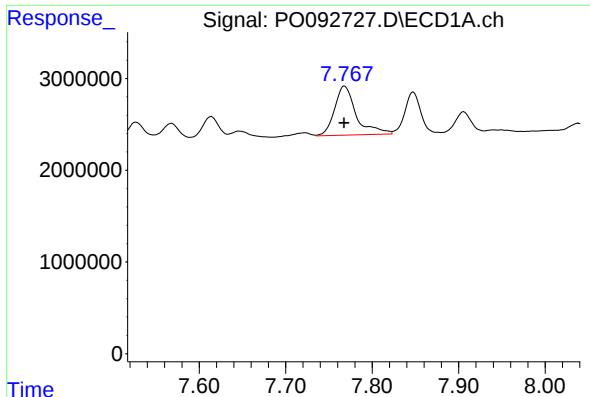
#32 AR-1260-2

R.T.: 7.485 min
Delta R.T.: 0.000 min
Response: 7973504
Conc: 54.25 ng/ml



#32 AR-1260-2

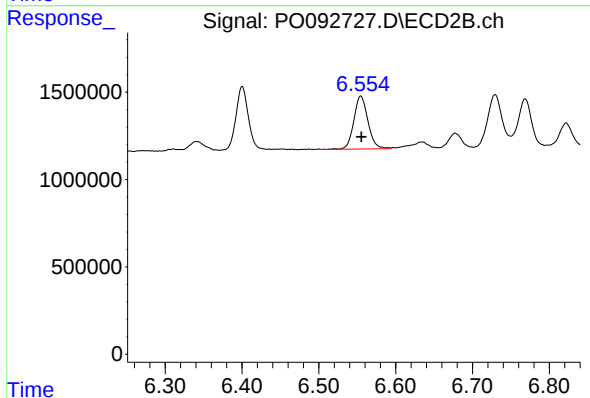
R.T.: 6.400 min
Delta R.T.: 0.000 min
Response: 4010383
Conc: 49.89 ng/ml



#33 AR-1260-3

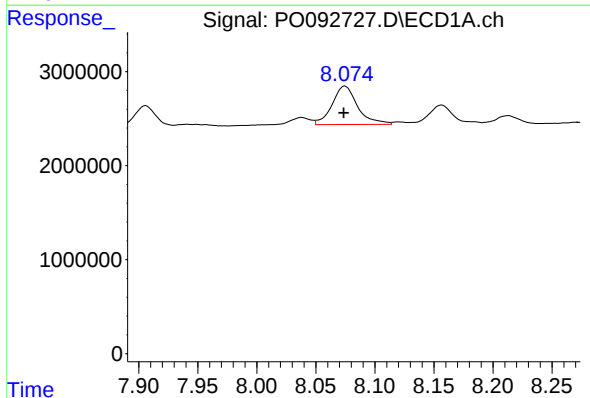
R.T.: 7.768 min
Delta R.T.: 0.000 min
Response: 9272546
Conc: 58.99 ng/ml

Instrument :
ECD_O
ClientSampleId :



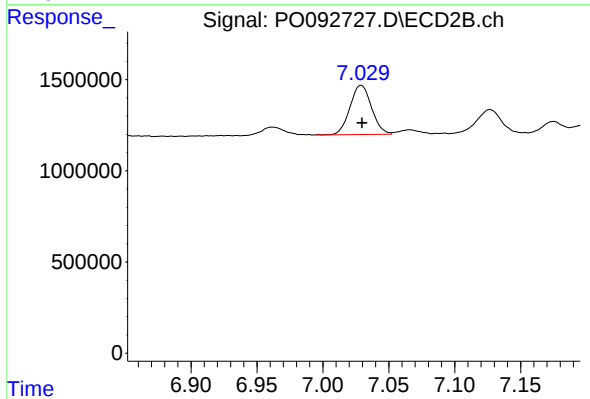
#33 AR-1260-3

R.T.: 6.555 min
Delta R.T.: 0.000 min
Response: 3858565
Conc: 47.80 ng/ml



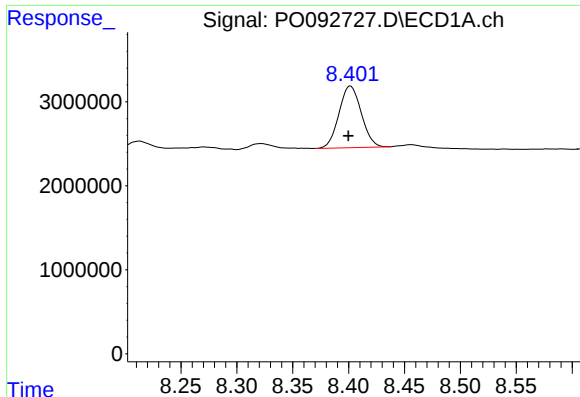
#34 AR-1260-4

R.T.: 8.075 min
Delta R.T.: 0.001 min
Response: 6150954
Conc: 52.51 ng/ml



#34 AR-1260-4

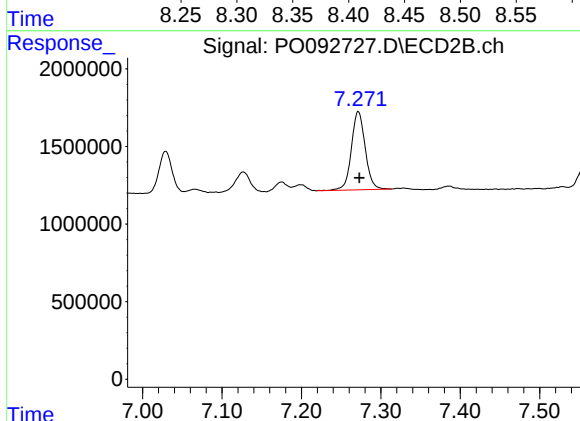
R.T.: 7.029 min
Delta R.T.: 0.000 min
Response: 3070332
Conc: 50.44 ng/ml



#35 AR-1260-5

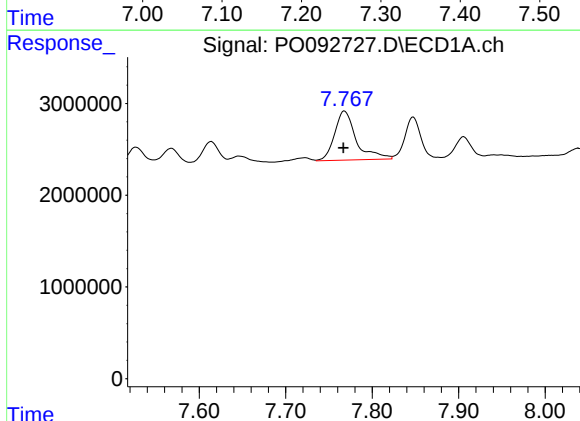
R.T.: 8.402 min
Delta R.T.: 0.002 min
Response: 10205766
Conc: 49.21 ng/ml

Instrument :
ECD_O
ClientSampleId :



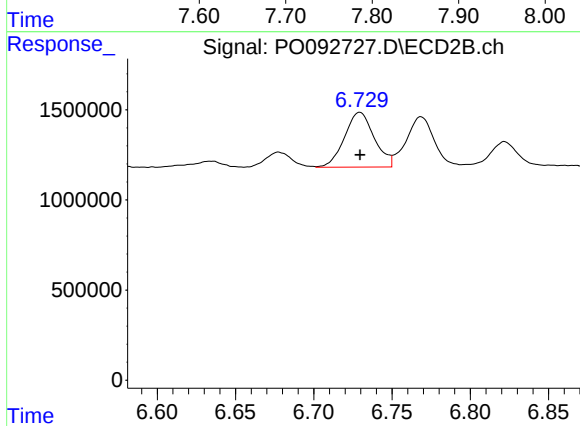
#35 AR-1260-5

R.T.: 7.272 min
Delta R.T.: -0.001 min
Response: 6126050
Conc: 47.98 ng/ml



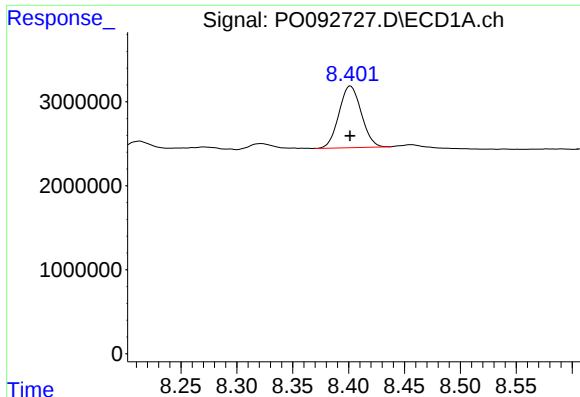
#36 AR-1262-1

R.T.: 7.768 min
Delta R.T.: 0.002 min
Response: 9272546
Conc: 96.21 ng/ml



#36 AR-1262-1

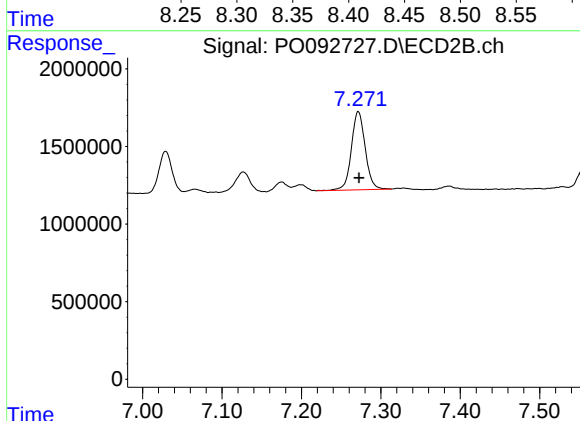
R.T.: 6.729 min
Delta R.T.: 0.000 min
Response: 4030786
Conc: 96.43 ng/ml



#37 AR-1262-2

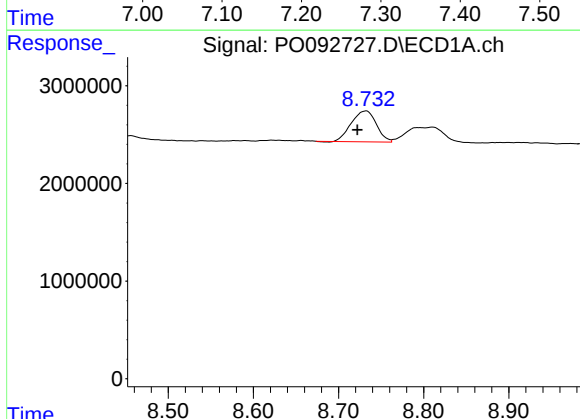
R.T.: 8.402 min
Delta R.T.: 0.000 min
Response: 10205766
Conc: 43.44 ng/ml

Instrument :
ECD_O
ClientSampleId :



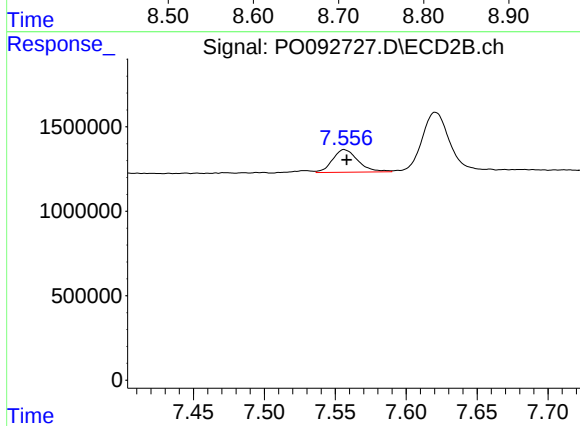
#37 AR-1262-2

R.T.: 7.272 min
Delta R.T.: 0.000 min
Response: 6126050
Conc: 46.41 ng/ml



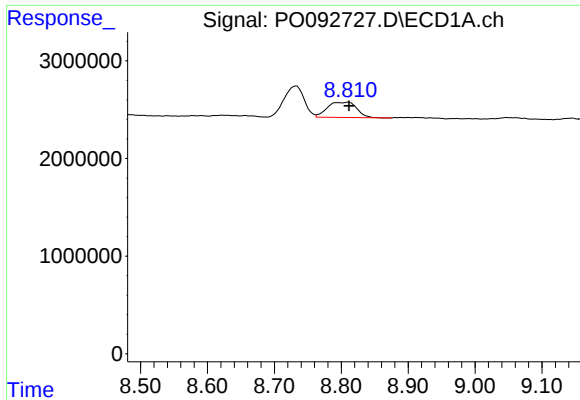
#38 AR-1262-3

R.T.: 8.733 min
Delta R.T.: 0.010 min
Response: 6469674
Conc: 38.59 ng/ml



#38 AR-1262-3

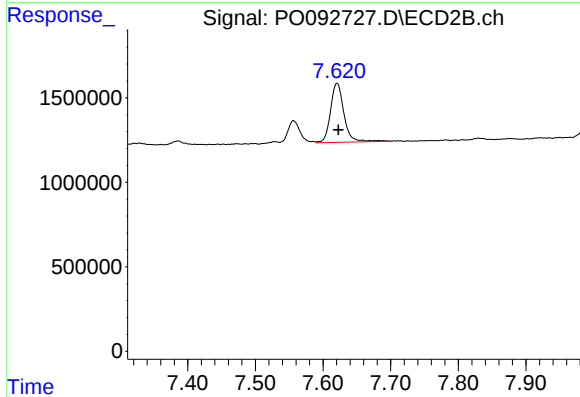
R.T.: 7.556 min
Delta R.T.: -0.002 min
Response: 1681083
Conc: 29.19 ng/ml



#39 AR-1262-4

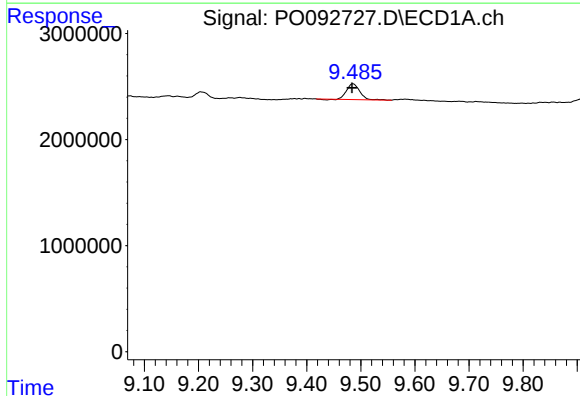
R.T.: 8.810 min
Delta R.T.: 0.000 min
Response: 4736201
Conc: 33.03 ng/ml

Instrument :
ECD_O
ClientSampleId :



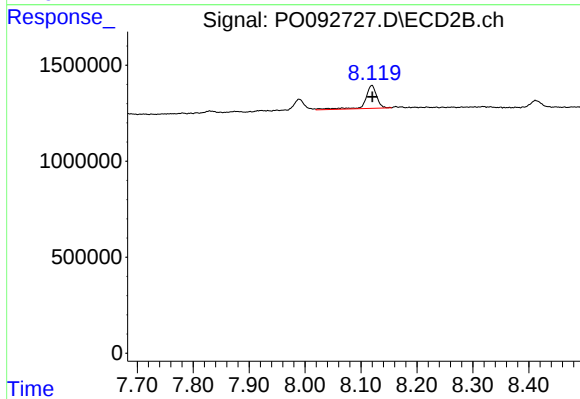
#39 AR-1262-4

R.T.: 7.621 min
Delta R.T.: -0.002 min
Response: 4849897
Conc: 48.32 ng/ml



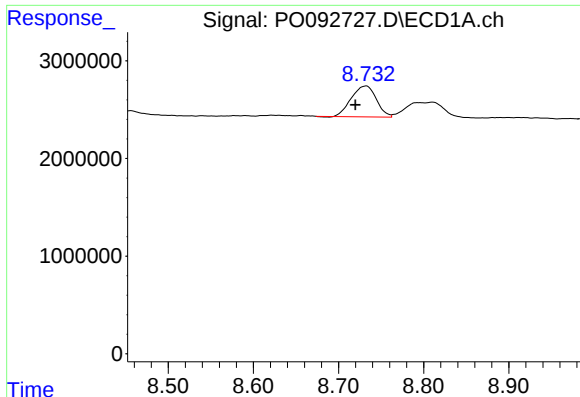
#40 AR-1262-5

R.T.: 9.486 min
Delta R.T.: 0.002 min
Response: 2478414
Conc: 28.66 ng/ml



#40 AR-1262-5

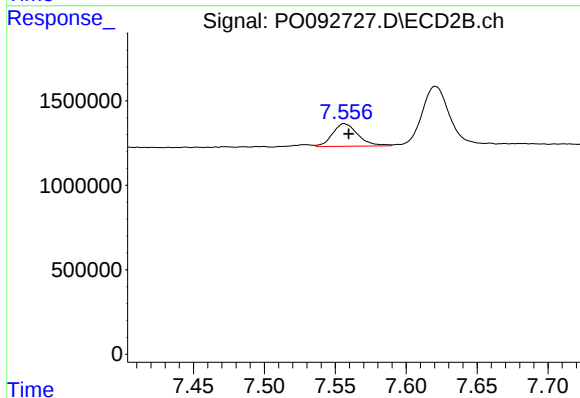
R.T.: 8.119 min
Delta R.T.: 0.000 min
Response: 1664530
Conc: 36.27 ng/ml



#41 AR-1268-1

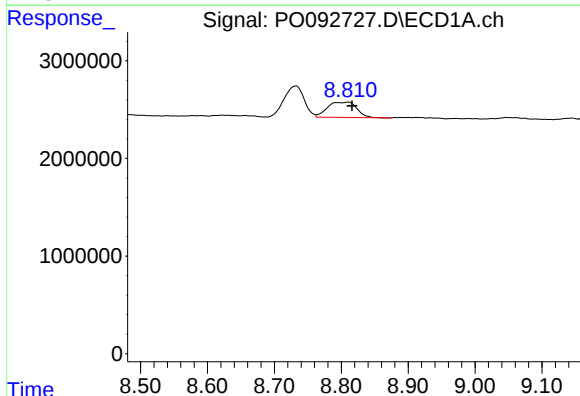
R.T.: 8.733 min
Delta R.T.: 0.013 min
Response: 6469674
Conc: 20.70 ng/ml

Instrument :
ECD_O
ClientSampleId :



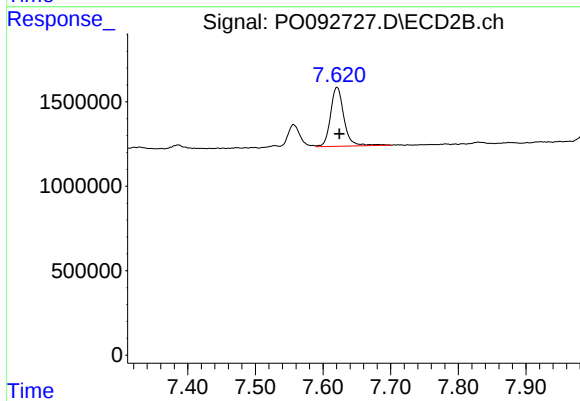
#41 AR-1268-1

R.T.: 7.556 min
Delta R.T.: -0.003 min
Response: 1681083
Conc: 9.78 ng/ml



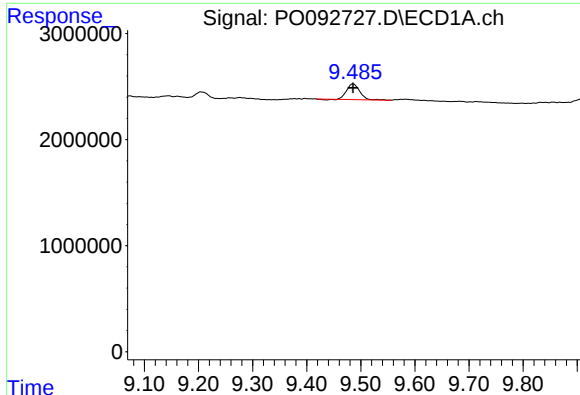
#42 AR-1268-2

R.T.: 8.810 min
Delta R.T.: -0.005 min
Response: 4736201
Conc: 16.01 ng/ml



#42 AR-1268-2

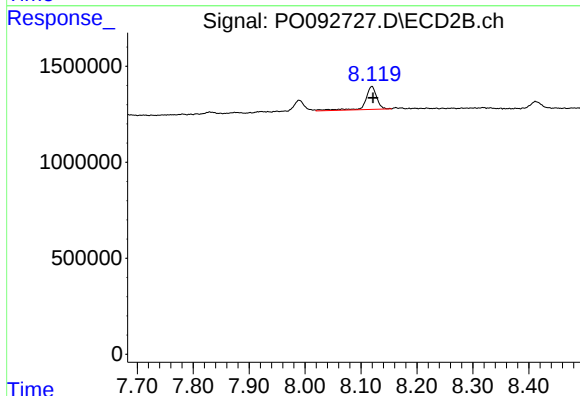
R.T.: 7.621 min
Delta R.T.: -0.003 min
Response: 4849897
Conc: 31.86 ng/ml



#44 AR-1268-4

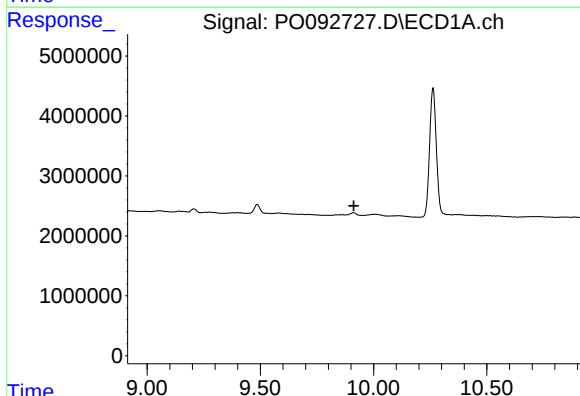
R.T.: 9.486 min
Delta R.T.: 0.000 min
Response: 2478414
Conc: 26.07 ng/ml

Instrument :
ECD_O
ClientSampleId :



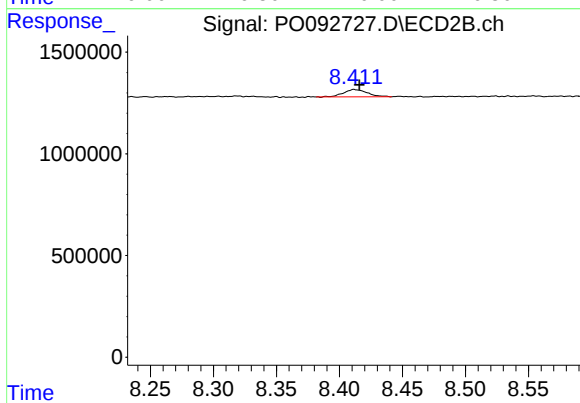
#44 AR-1268-4

R.T.: 8.119 min
Delta R.T.: -0.002 min
Response: 1664530
Conc: 30.81 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 9.912 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 8.412 min
Delta R.T.: -0.004 min
Response: 475692
Conc: 1.30 ng/ml