

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0042425\
 Data File : P0110716.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Apr 2025 05:51
 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: Apr 25 06:59:28 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0041025.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Apr 11 02:12:41 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.686	3.683	473.6E6	249.8E6	54.128	50.059
2)	SA Decachlor...	8.727	8.679	362.3E6	84688276	45.893	43.994
Target Compounds							
3)	L1 AR-1016-1	4.776	4.762	113.3E6	57115604	345.335	325.427
4)	L1 AR-1016-2	4.795	4.781	115.4E6	60080464	253.569	238.922
5)	L1 AR-1016-3	4.851	4.958	63222397	39145903	196.022	288.451 #
6)	L1 AR-1016-4	4.973	4.999	77265752	73224849	310.099	640.257 #
7)	L1 AR-1016-5	5.229	5.212	206.3E6	103.4E6	766.875	693.595
8)	L2 AR-1221-1	3.897	3.891	1739745	762826	14.739	11.424
9)	L2 AR-1221-2	3.987	3.981	9292887	4820435	105.190	96.223
10)	L2 AR-1221-3	4.061	4.054	10984917	5879362	41.748	39.414
11)	L3 AR-1232-1	4.061	4.054	10984917	5879362	53.631	51.114
12)	L3 AR-1232-2	4.553	4.781	50205644	60080464	470.493	541.909
13)	L3 AR-1232-3	4.795	4.958	115.4E6	39145903	577.435	684.332
14)	L3 AR-1232-4	4.973	5.041	77265752	84332983	755.298	1563.072 #
15)	L3 AR-1232-5	5.014	5.212	138.4E6	103.4E6	2008.221	1809.666
16)	L4 AR-1242-1	4.776	4.762	113.3E6	57115604	408.310	382.038
17)	L4 AR-1242-2	4.795	4.781	115.4E6	60080464	299.038	281.588
18)	L4 AR-1242-3	4.851	4.958	63222397	39145903	227.254	338.684 #
19)	L4 AR-1242-4	4.973	5.041	77265752	84332983	365.552	702.194 #
20)	L4 AR-1242-5	5.625	5.562	201.9E6	136.6E6	891.839	941.511
21)	L5 AR-1248-1	4.776	4.762	113.3E6	57115604	532.426	496.088
22)	L5 AR-1248-2	5.014	4.999	138.4E6	73224849	467.589	449.556
23)	L5 AR-1248-3	5.229	5.041	206.3E6	84332983	557.621	479.557
24)	L5 AR-1248-4	5.583	5.212	278.8E6	103.4E6	536.118	507.647
25)	L5 AR-1248-5	5.625	5.603	201.9E6	98419910	546.542	498.592
26)	L6 AR-1254-1	5.583	5.562	278.8E6	136.6E6	499.647	453.103
27)	L6 AR-1254-2	5.733	5.710	99933503	46766214	205.750	176.686
28)	L6 AR-1254-3	6.137	6.112	132.1E6	61624437	168.605	152.757
29)	L6 AR-1254-4	6.367	6.340	88046066	39658138	180.568	172.642
30)	L6 AR-1254-5	6.786	6.756	32043477	12813018	45.718	38.560
31)	L7 AR-1260-1	6.282	6.256	73380432	30880759	155.320	125.550
32)	L7 AR-1260-2	6.457	6.429	15656175	4888070	26.698	16.754 #
33)	L7 AR-1260-3	6.856	6.581	4920770	7287552	9.984	26.903 #
34)	L7 AR-1260-4	7.089	7.057	1697965	906164	4.001	4.516
35)	L7 AR-1260-5	7.326	7.293	4945862	2255315	4.740	4.915
36)	L8 AR-1262-1	6.856	6.826	4920770	1992237	7.015	6.049
37)	L8 AR-1262-2	7.326	7.293	4945862	2255315	4.095	4.436
38)	L8 AR-1262-3	7.614	7.581	938466	873845	1.843	4.513 #
39)	L8 AR-1262-4	7.673	7.637	3998114	2056192	4.461	5.925 #
40)	L8 AR-1262-5	8.172	8.132	1288887	312490	3.198	2.508
41)	L9 AR-1268-1	7.614	7.581	938466	873845	0.668	1.595 #

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 Sample : AR1248CCC500
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

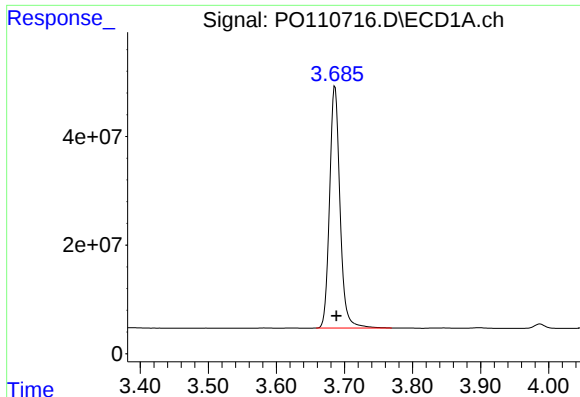
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 25 06:59:28 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0041025.M
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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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	7.673	7.637	3998114	2056192	3.124	4.133 #
43) L9	AR-1268-3	7.884	7.845	1099828	587117	1.055	1.580 #
44) L9	AR-1268-4	8.172	8.132	1288887	312490	2.902	2.214
45) L9	AR-1268-5	8.468	8.423	2893398	724056	0.899	0.920

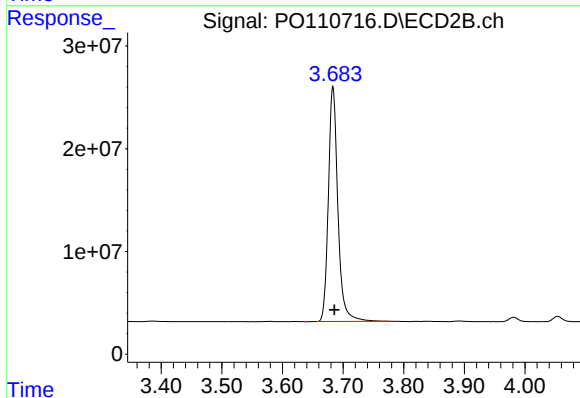
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

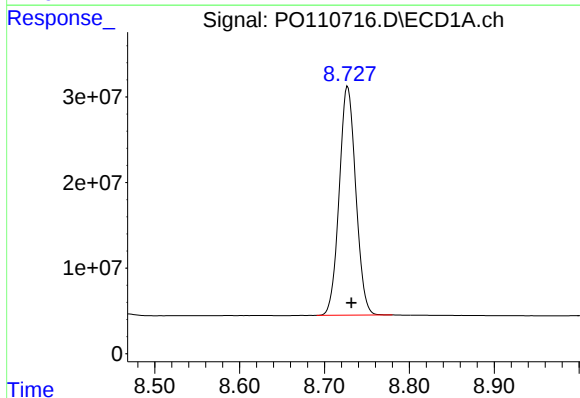
R.T.: 3.686 min
Delta R.T.: -0.002 min
Response: 473572884
Conc: 54.13 ng/ml

Instrument :
ECD_O
ClientSampleId :



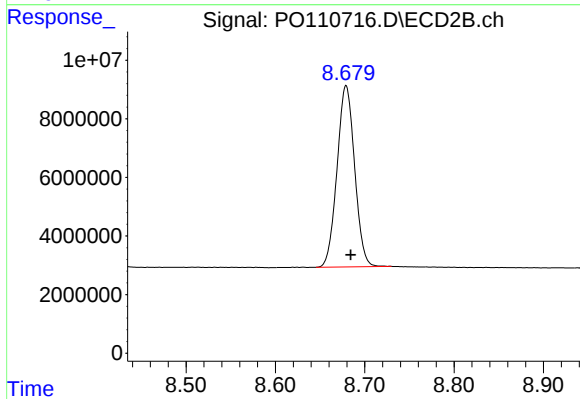
#1 Tetrachloro-m-xylene

R.T.: 3.683 min
Delta R.T.: -0.002 min
Response: 249782613
Conc: 50.06 ng/ml



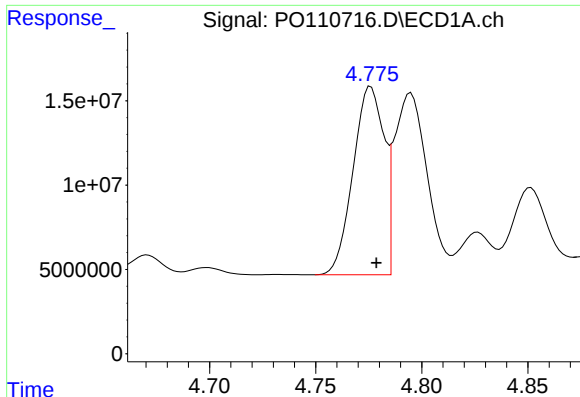
#2 Decachlorobiphenyl

R.T.: 8.727 min
Delta R.T.: -0.004 min
Response: 362321840
Conc: 45.89 ng/ml



#2 Decachlorobiphenyl

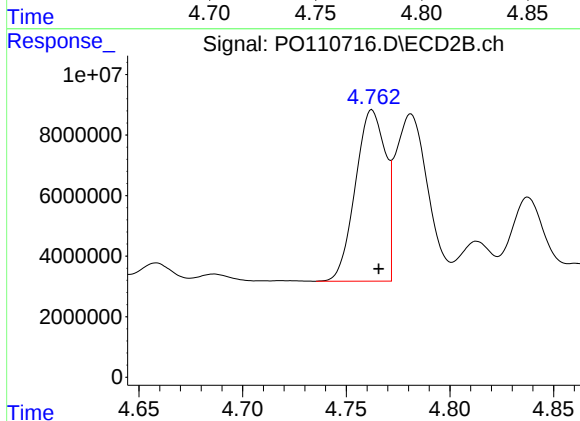
R.T.: 8.679 min
Delta R.T.: -0.005 min
Response: 84688276
Conc: 43.99 ng/ml



#3 AR-1016-1

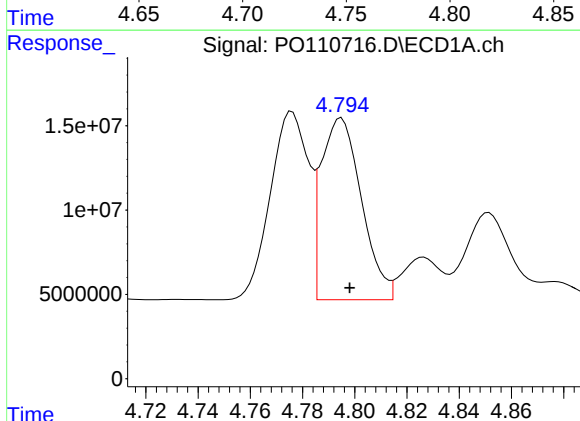
R.T.: 4.776 min
Delta R.T.: -0.003 min
Response: 113319510
Conc: 345.34 ng/ml

Instrument :
ECD_O
ClientSampleId :



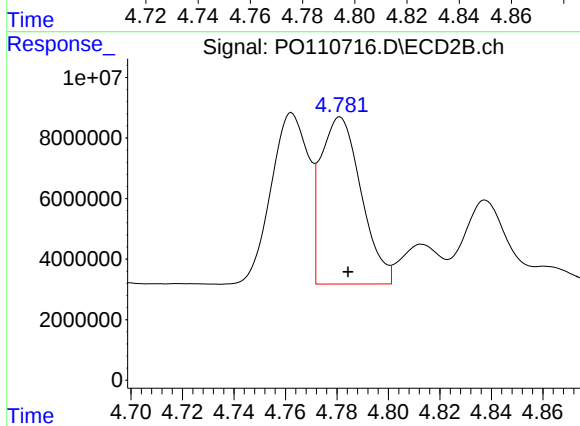
#3 AR-1016-1

R.T.: 4.762 min
Delta R.T.: -0.003 min
Response: 57115604
Conc: 325.43 ng/ml



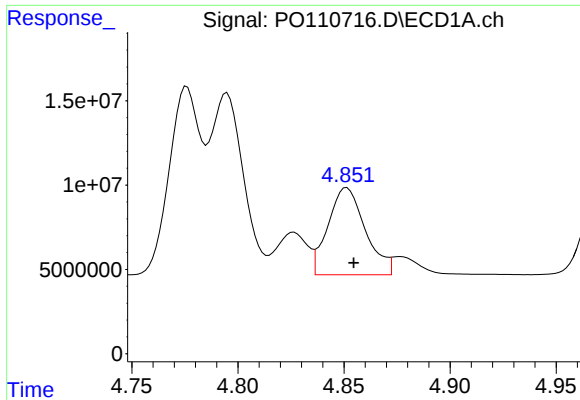
#4 AR-1016-2

R.T.: 4.795 min
Delta R.T.: -0.003 min
Response: 115360800
Conc: 253.57 ng/ml



#4 AR-1016-2

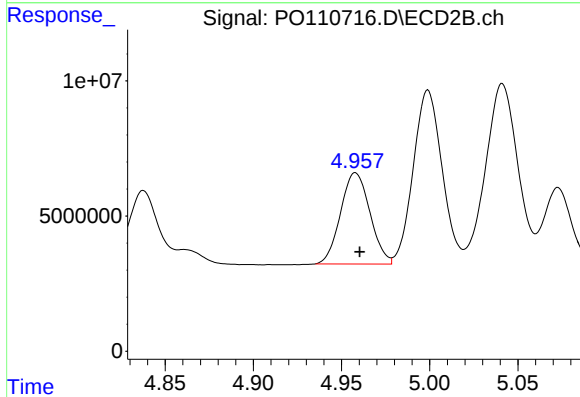
R.T.: 4.781 min
Delta R.T.: -0.003 min
Response: 60080464
Conc: 238.92 ng/ml



#5 AR-1016-3

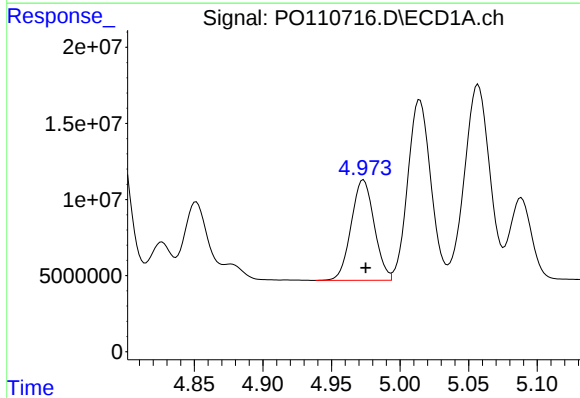
R.T.: 4.851 min
Delta R.T.: -0.003 min
Response: 63222397
Conc: 196.02 ng/ml

Instrument :
ECD_O
ClientSampleId :



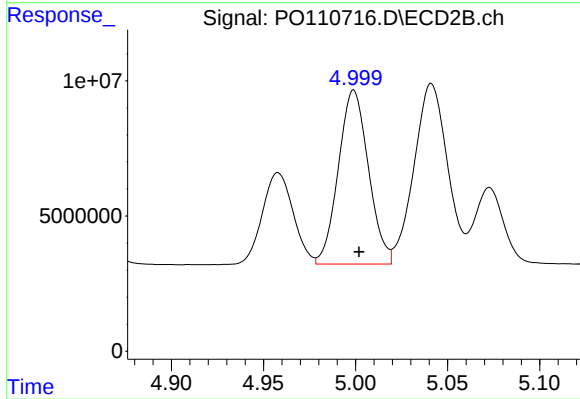
#5 AR-1016-3

R.T.: 4.958 min
Delta R.T.: -0.002 min
Response: 39145903
Conc: 288.45 ng/ml



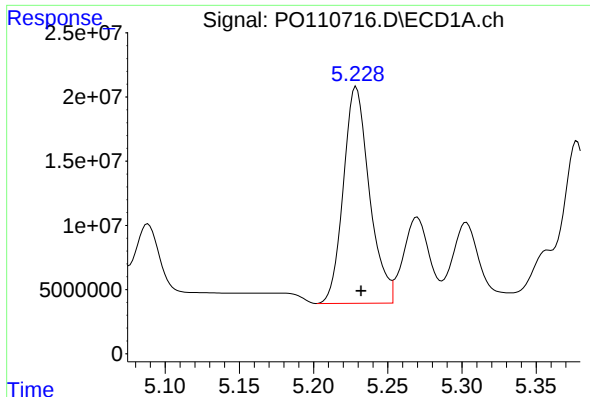
#6 AR-1016-4

R.T.: 4.973 min
Delta R.T.: -0.002 min
Response: 77265752
Conc: 310.10 ng/ml



#6 AR-1016-4

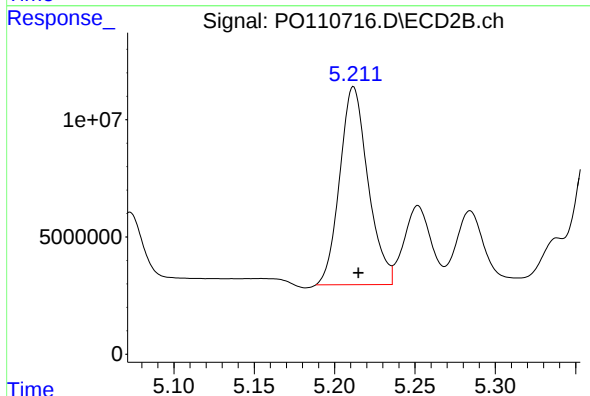
R.T.: 4.999 min
Delta R.T.: -0.003 min
Response: 73224849
Conc: 640.26 ng/ml



#7 AR-1016-5

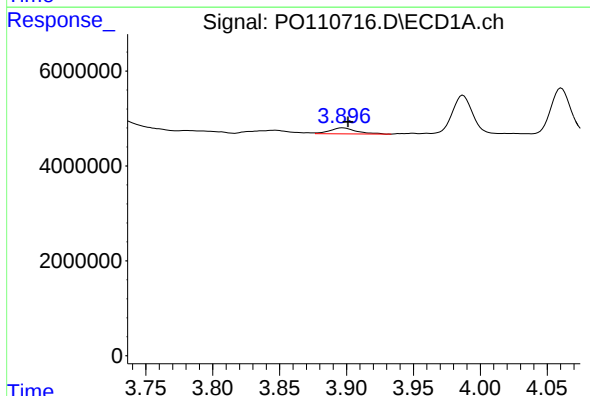
R.T.: 5.229 min
Delta R.T.: -0.003 min
Response: 206298373
Conc: 766.88 ng/ml

Instrument :
ECD_O
ClientSampleId :



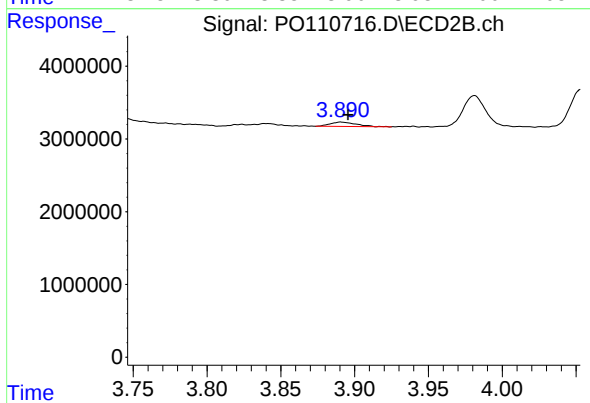
#7 AR-1016-5

R.T.: 5.212 min
Delta R.T.: -0.003 min
Response: 103396875
Conc: 693.59 ng/ml



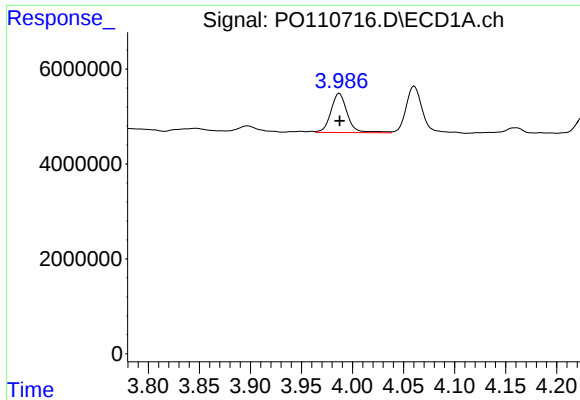
#8 AR-1221-1

R.T.: 3.897 min
Delta R.T.: -0.004 min
Response: 1739745
Conc: 14.74 ng/ml



#8 AR-1221-1

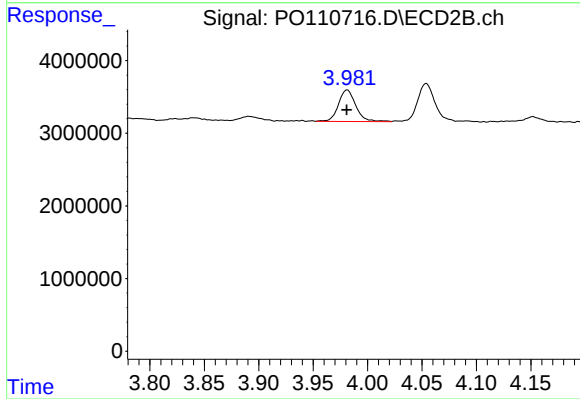
R.T.: 3.891 min
Delta R.T.: -0.005 min
Response: 762826
Conc: 11.42 ng/ml



#9 AR-1221-2

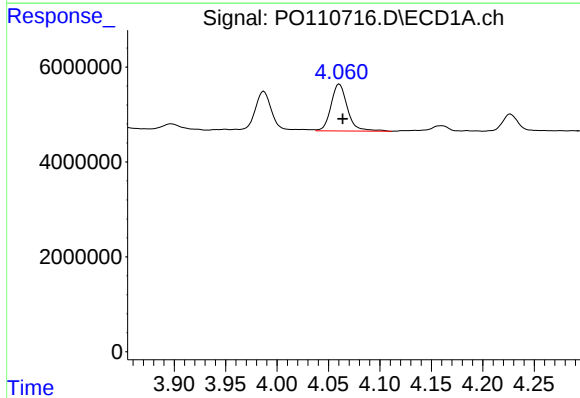
R.T.: 3.987 min
Delta R.T.: 0.000 min
Response: 9292887
Conc: 105.19 ng/ml

Instrument :
ECD_O
ClientSampleId :



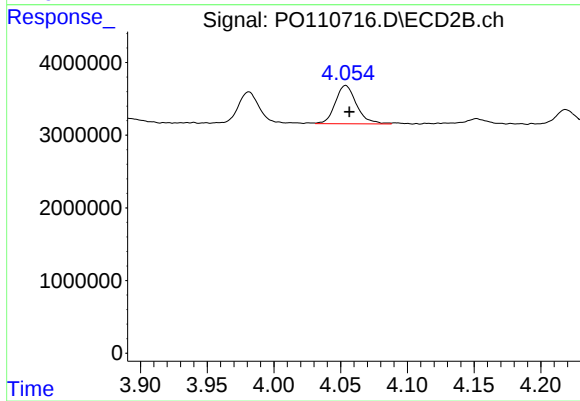
#9 AR-1221-2

R.T.: 3.981 min
Delta R.T.: 0.000 min
Response: 4820435
Conc: 96.22 ng/ml



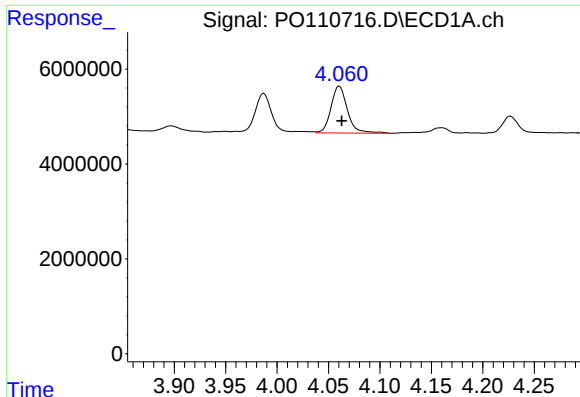
#10 AR-1221-3

R.T.: 4.061 min
Delta R.T.: -0.003 min
Response: 10984917
Conc: 41.75 ng/ml



#10 AR-1221-3

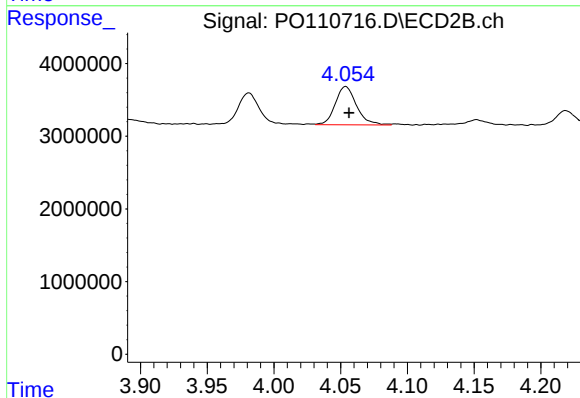
R.T.: 4.054 min
Delta R.T.: -0.003 min
Response: 5879362
Conc: 39.41 ng/ml



#11 AR-1232-1

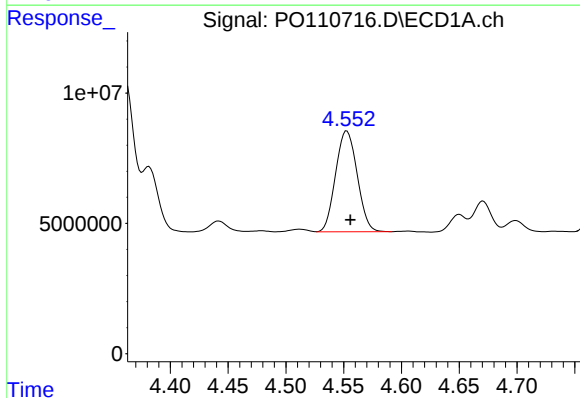
R.T.: 4.061 min
Delta R.T.: -0.002 min
Response: 10984917
Conc: 53.63 ng/ml

Instrument :
ECD_O
ClientSampleId :



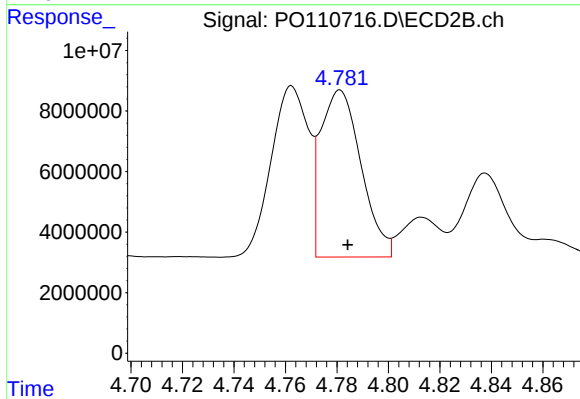
#11 AR-1232-1

R.T.: 4.054 min
Delta R.T.: -0.002 min
Response: 5879362
Conc: 51.11 ng/ml



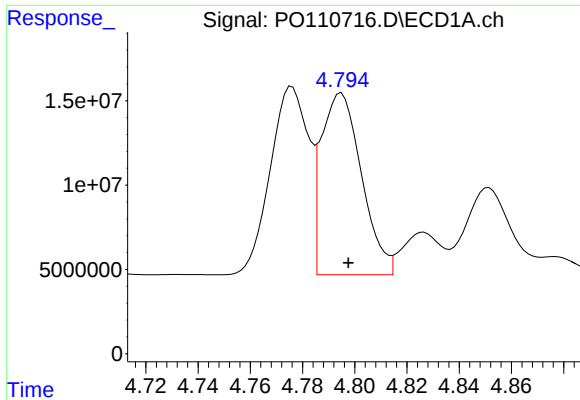
#12 AR-1232-2

R.T.: 4.553 min
Delta R.T.: -0.003 min
Response: 50205644
Conc: 470.49 ng/ml



#12 AR-1232-2

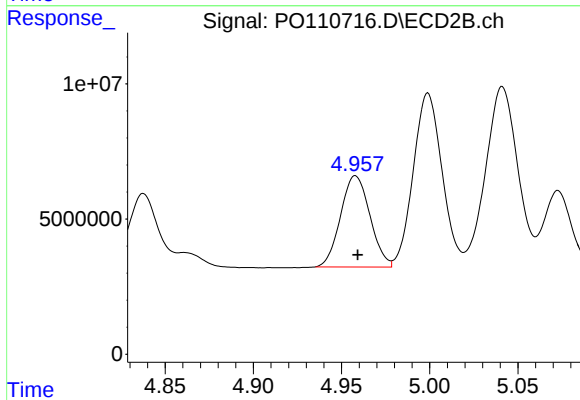
R.T.: 4.781 min
Delta R.T.: -0.003 min
Response: 60080464
Conc: 541.91 ng/ml



#13 AR-1232-3

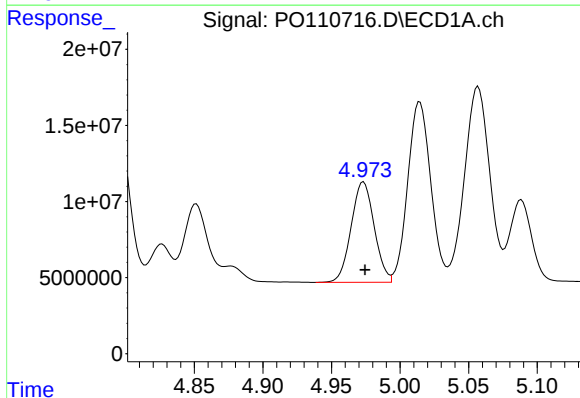
R.T.: 4.795 min
Delta R.T.: -0.003 min
Response: 115360800
Conc: 577.44 ng/ml

Instrument :
ECD_O
ClientSampleId :



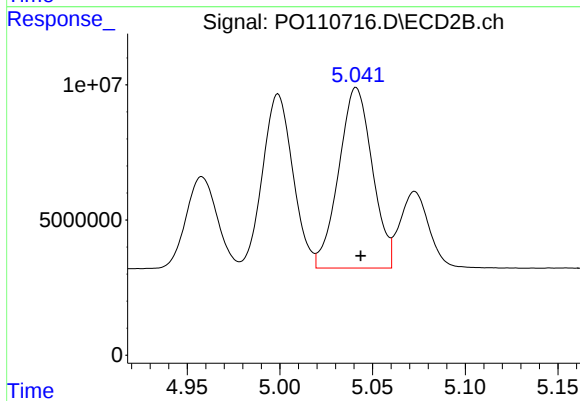
#13 AR-1232-3

R.T.: 4.958 min
Delta R.T.: -0.001 min
Response: 39145903
Conc: 684.33 ng/ml



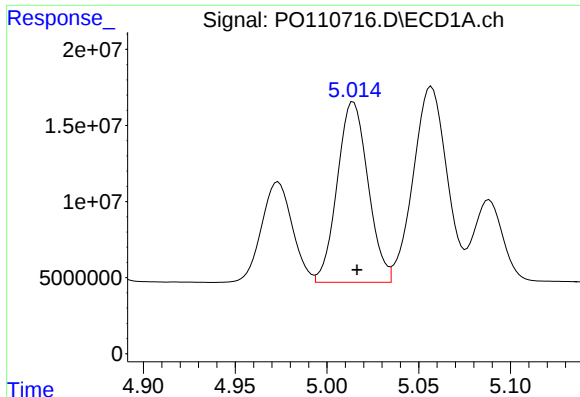
#14 AR-1232-4

R.T.: 4.973 min
Delta R.T.: -0.001 min
Response: 77265752
Conc: 755.30 ng/ml



#14 AR-1232-4

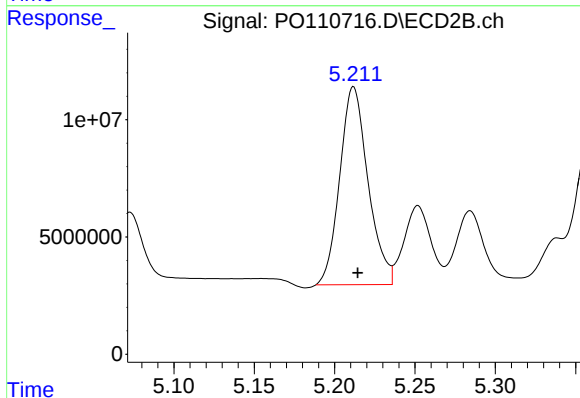
R.T.: 5.041 min
Delta R.T.: -0.002 min
Response: 84332983
Conc: 1563.07 ng/ml



#15 AR-1232-5

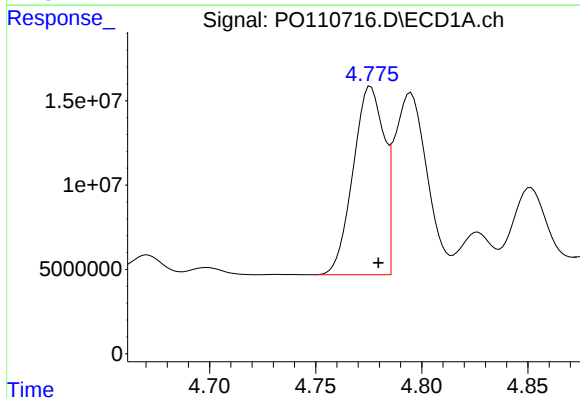
R.T.: 5.014 min
Delta R.T.: -0.002 min
Response: 138371168
Conc: 2008.22 ng/ml

Instrument :
ECD_O
ClientSampleId :



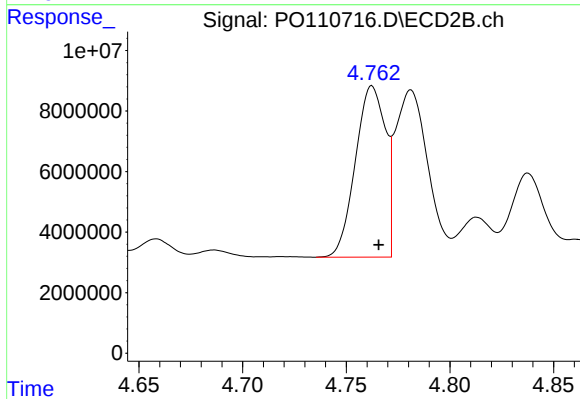
#15 AR-1232-5

R.T.: 5.212 min
Delta R.T.: -0.003 min
Response: 103396875
Conc: 1809.67 ng/ml



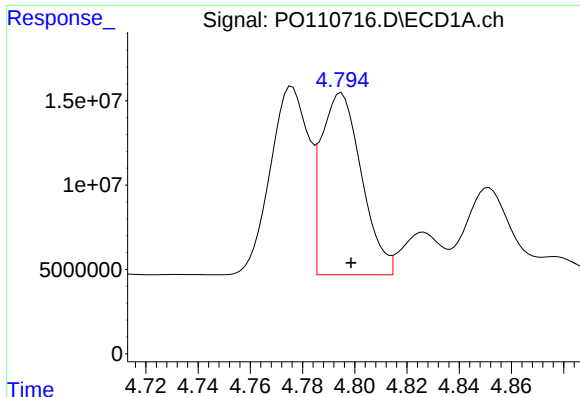
#16 AR-1242-1

R.T.: 4.776 min
Delta R.T.: -0.004 min
Response: 113319510
Conc: 408.31 ng/ml



#16 AR-1242-1

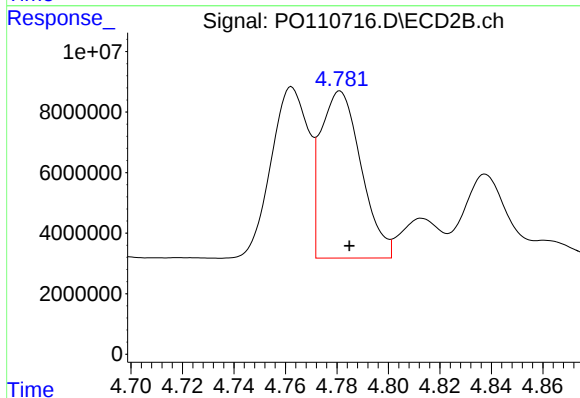
R.T.: 4.762 min
Delta R.T.: -0.003 min
Response: 57115604
Conc: 382.04 ng/ml



#17 AR-1242-2

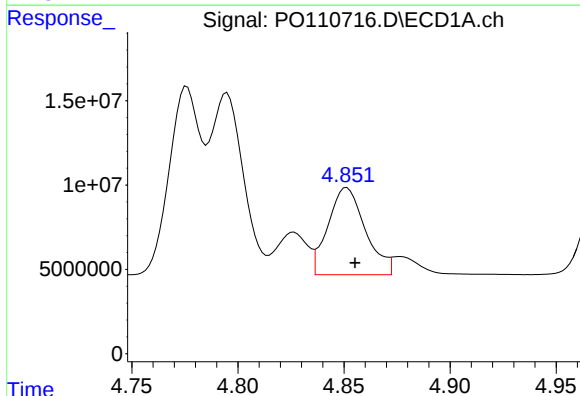
R.T.: 4.795 min
Delta R.T.: -0.004 min
Response: 115360800
Conc: 299.04 ng/ml

Instrument :
ECD_O
ClientSampleId :



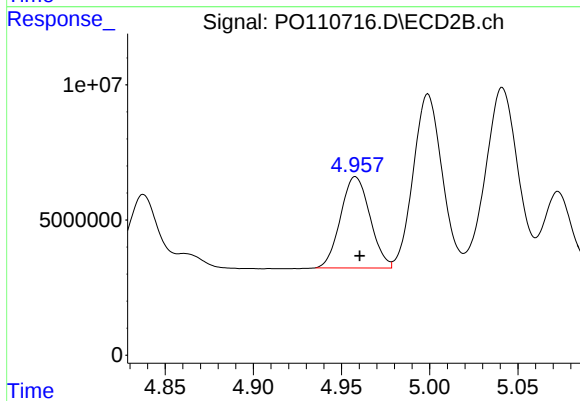
#17 AR-1242-2

R.T.: 4.781 min
Delta R.T.: -0.004 min
Response: 60080464
Conc: 281.59 ng/ml



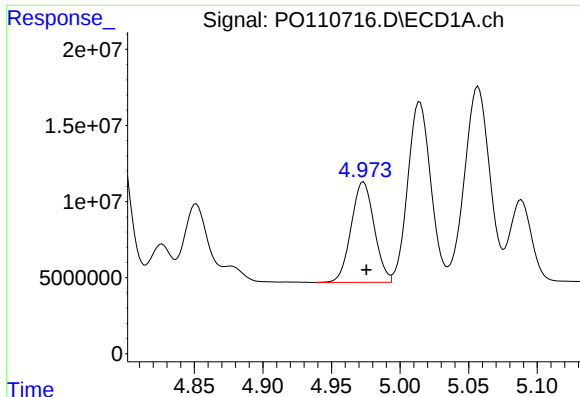
#18 AR-1242-3

R.T.: 4.851 min
Delta R.T.: -0.004 min
Response: 63222397
Conc: 227.25 ng/ml



#18 AR-1242-3

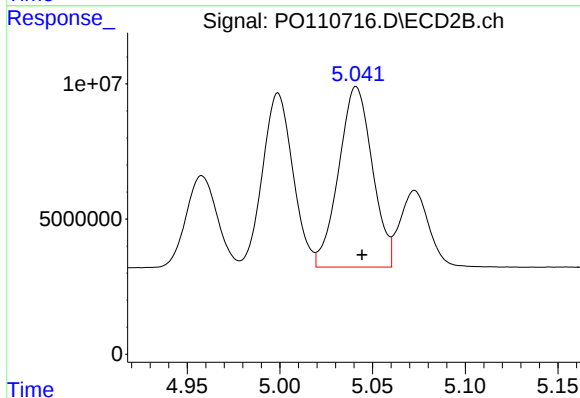
R.T.: 4.958 min
Delta R.T.: -0.002 min
Response: 39145903
Conc: 338.68 ng/ml



#19 AR-1242-4

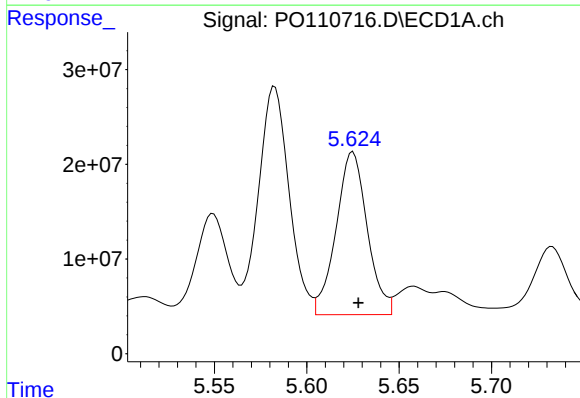
R.T.: 4.973 min
Delta R.T.: -0.002 min
Response: 77265752
Conc: 365.55 ng/ml

Instrument :
ECD_O
ClientSampleId :



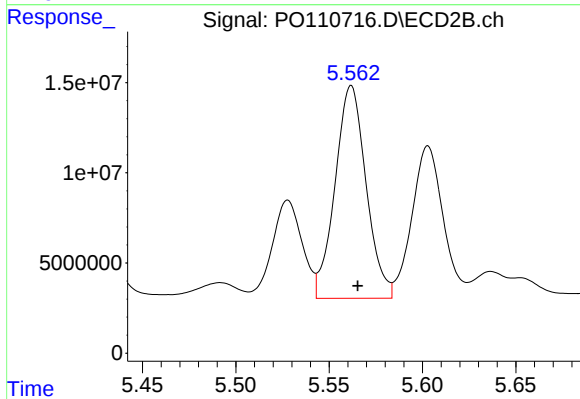
#19 AR-1242-4

R.T.: 5.041 min
Delta R.T.: -0.003 min
Response: 84332983
Conc: 702.19 ng/ml



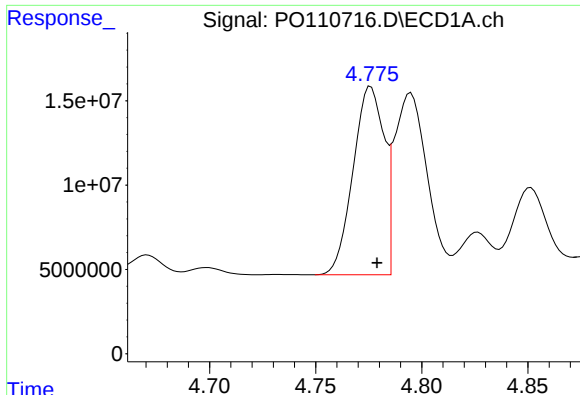
#20 AR-1242-5

R.T.: 5.625 min
Delta R.T.: -0.003 min
Response: 201906687
Conc: 891.84 ng/ml



#20 AR-1242-5

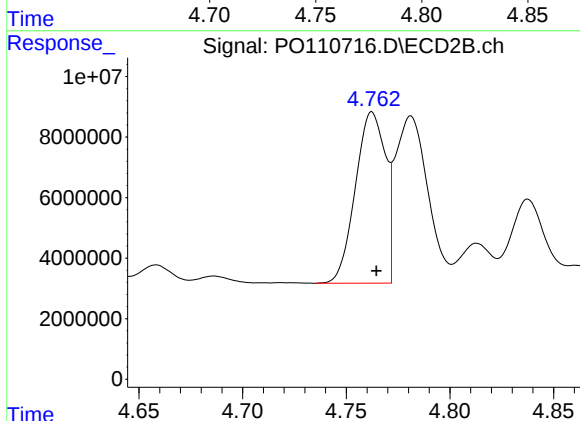
R.T.: 5.562 min
Delta R.T.: -0.003 min
Response: 136610228
Conc: 941.51 ng/ml



#21 AR-1248-1

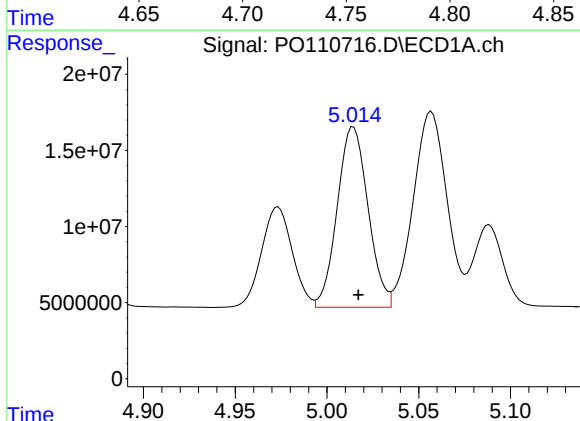
R.T.: 4.776 min
Delta R.T.: -0.003 min
Response: 113319510
Conc: 532.43 ng/ml

Instrument :
ECD_O
ClientSampleId :



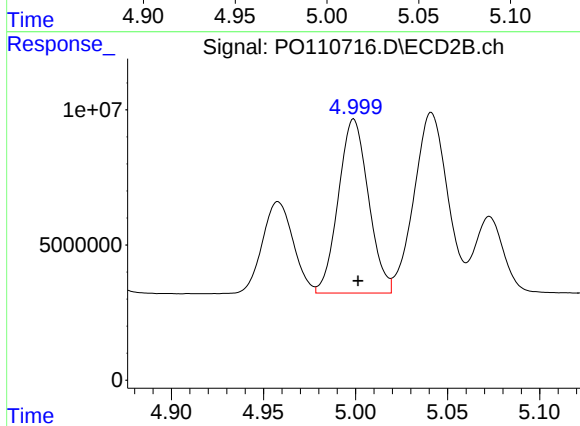
#21 AR-1248-1

R.T.: 4.762 min
Delta R.T.: -0.002 min
Response: 57115604
Conc: 496.09 ng/ml



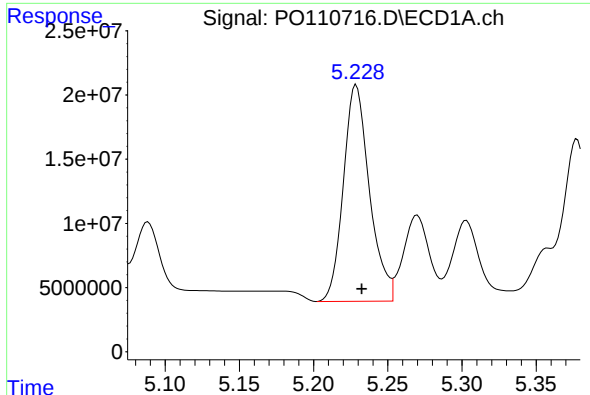
#22 AR-1248-2

R.T.: 5.014 min
Delta R.T.: -0.003 min
Response: 138371168
Conc: 467.59 ng/ml



#22 AR-1248-2

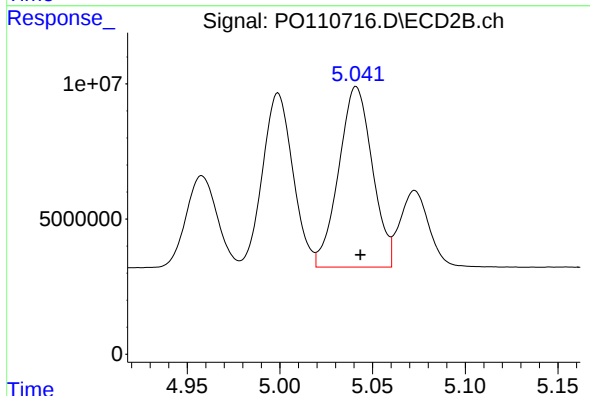
R.T.: 4.999 min
Delta R.T.: -0.002 min
Response: 73224849
Conc: 449.56 ng/ml



#23 AR-1248-3

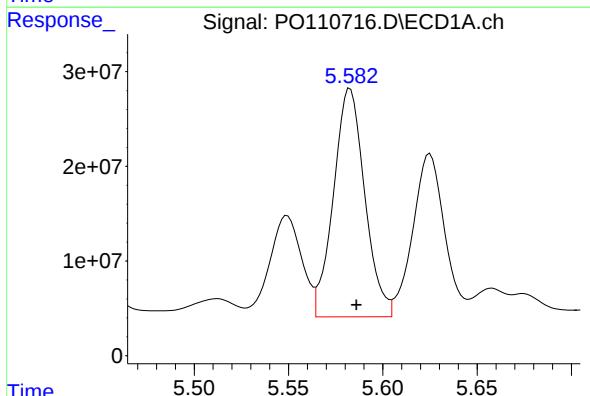
R.T.: 5.229 min
Delta R.T.: -0.004 min
Response: 206298373
Conc: 557.62 ng/ml

Instrument :
ECD_O
ClientSampleId :



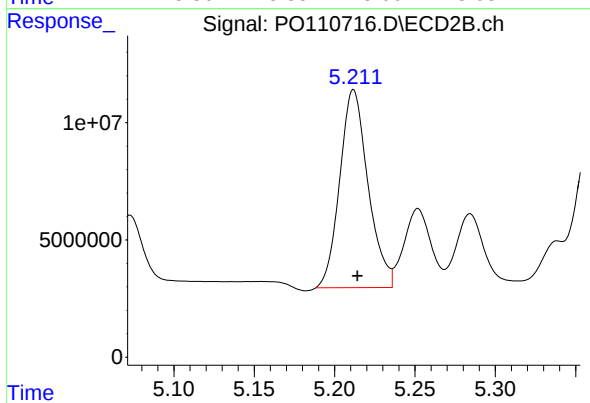
#23 AR-1248-3

R.T.: 5.041 min
Delta R.T.: -0.002 min
Response: 84332983
Conc: 479.56 ng/ml



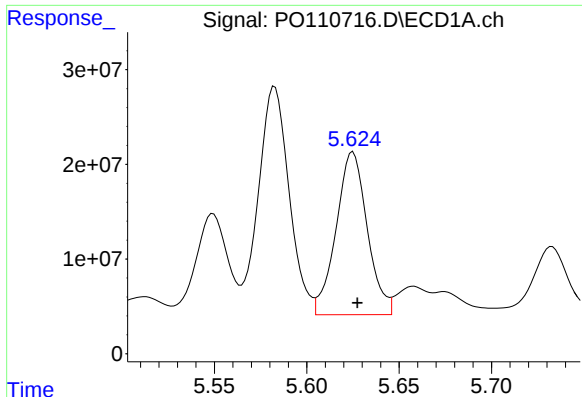
#24 AR-1248-4

R.T.: 5.583 min
Delta R.T.: -0.003 min
Response: 278797744
Conc: 536.12 ng/ml



#24 AR-1248-4

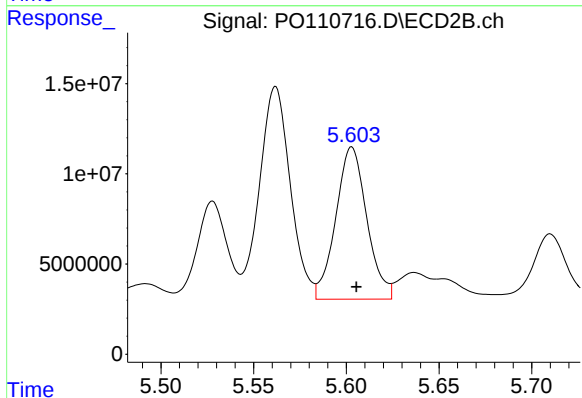
R.T.: 5.212 min
Delta R.T.: -0.002 min
Response: 103396875
Conc: 507.65 ng/ml



#25 AR-1248-5

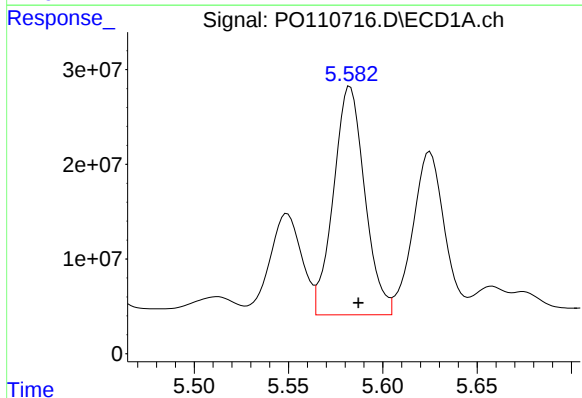
R.T.: 5.625 min
Delta R.T.: -0.002 min
Response: 201906687
Conc: 546.54 ng/ml

Instrument :
ECD_O
ClientSampleId :



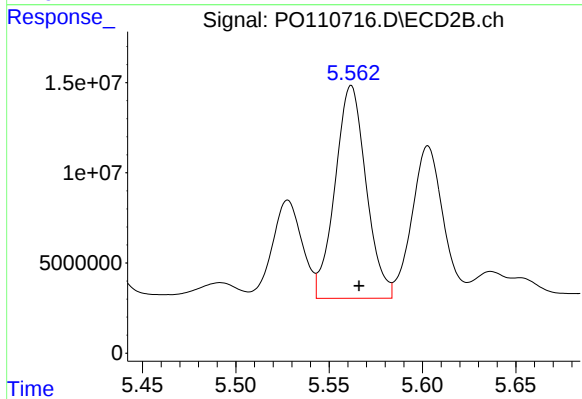
#25 AR-1248-5

R.T.: 5.603 min
Delta R.T.: -0.003 min
Response: 98419910
Conc: 498.59 ng/ml



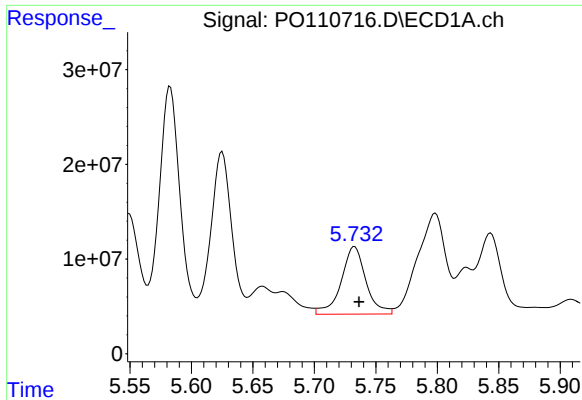
#26 AR-1254-1

R.T.: 5.583 min
Delta R.T.: -0.004 min
Response: 278797744
Conc: 499.65 ng/ml



#26 AR-1254-1

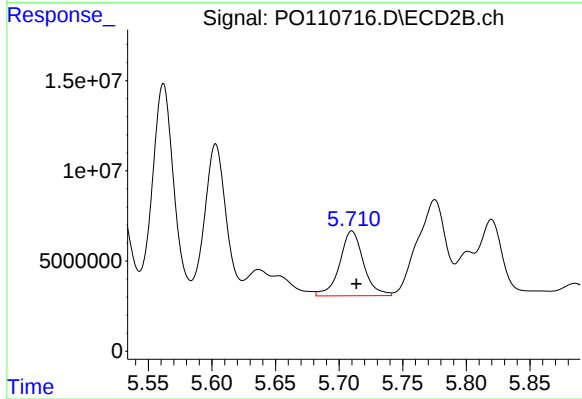
R.T.: 5.562 min
Delta R.T.: -0.004 min
Response: 136610228
Conc: 453.10 ng/ml



#27 AR-1254-2

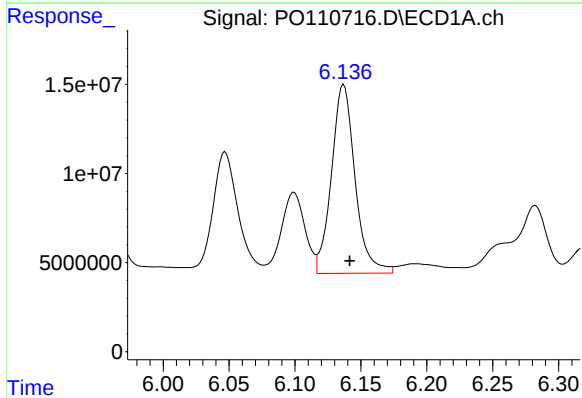
R.T.: 5.733 min
Delta R.T.: -0.004 min
Response: 99933503
Conc: 205.75 ng/ml

Instrument :
ECD_O
ClientSampleId :



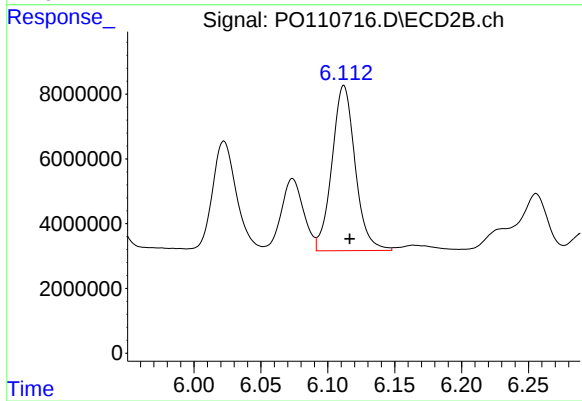
#27 AR-1254-2

R.T.: 5.710 min
Delta R.T.: -0.003 min
Response: 46766214
Conc: 176.69 ng/ml



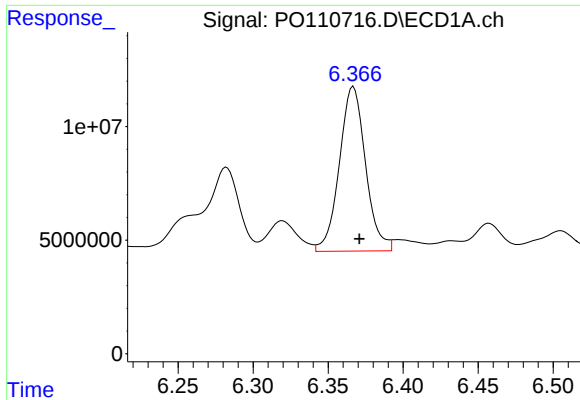
#28 AR-1254-3

R.T.: 6.137 min
Delta R.T.: -0.005 min
Response: 132054919
Conc: 168.60 ng/ml



#28 AR-1254-3

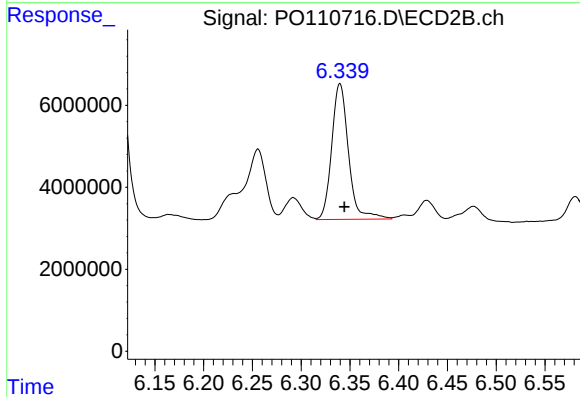
R.T.: 6.112 min
Delta R.T.: -0.005 min
Response: 61624437
Conc: 152.76 ng/ml



#29 AR-1254-4

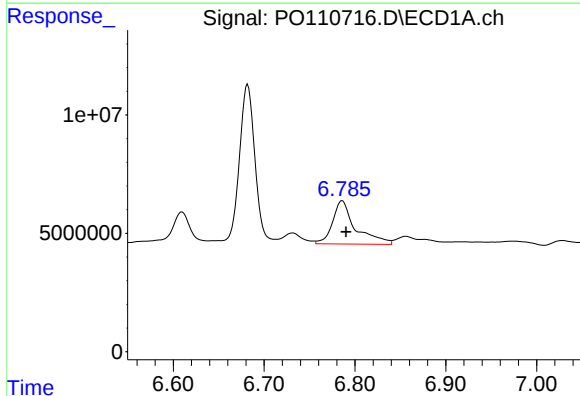
R.T.: 6.367 min
Delta R.T.: -0.004 min
Response: 88046066
Conc: 180.57 ng/ml

Instrument :
ECD_O
ClientSampleId :



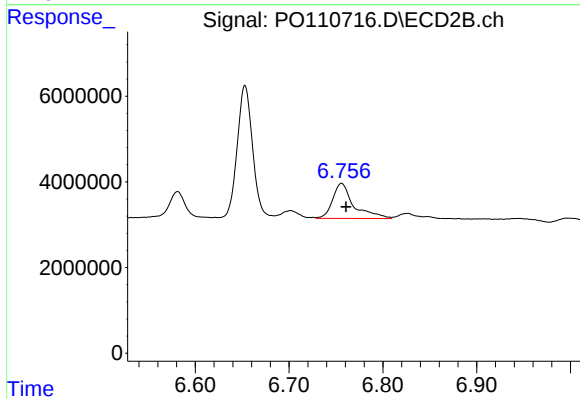
#29 AR-1254-4

R.T.: 6.340 min
Delta R.T.: -0.004 min
Response: 39658138
Conc: 172.64 ng/ml



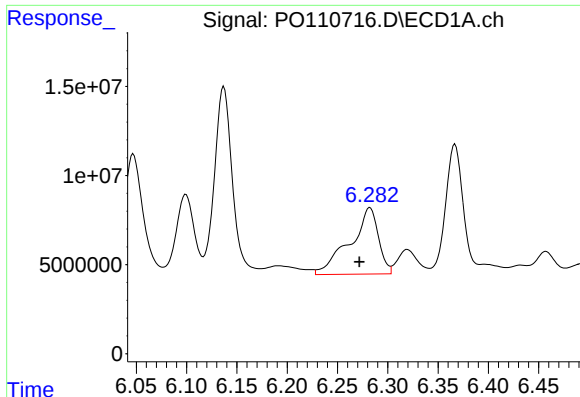
#30 AR-1254-5

R.T.: 6.786 min
Delta R.T.: -0.004 min
Response: 32043477
Conc: 45.72 ng/ml



#30 AR-1254-5

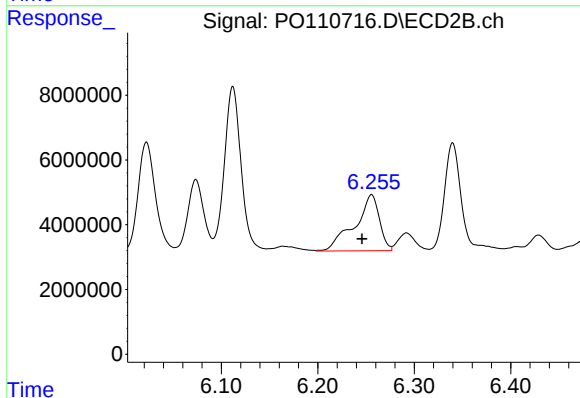
R.T.: 6.756 min
Delta R.T.: -0.005 min
Response: 12813018
Conc: 38.56 ng/ml



#31 AR-1260-1

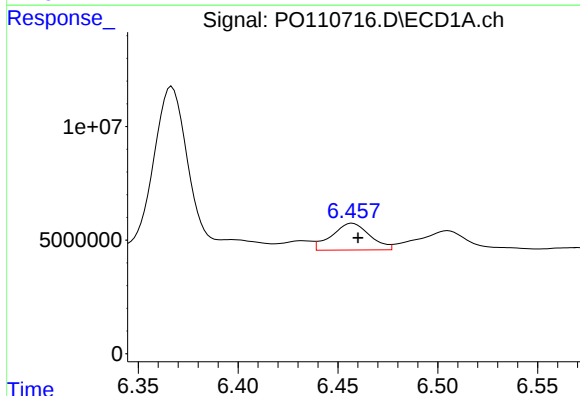
R.T.: 6.282 min
Delta R.T.: 0.010 min
Response: 73380432
Conc: 155.32 ng/ml

Instrument :
ECD_O
ClientSampleId :



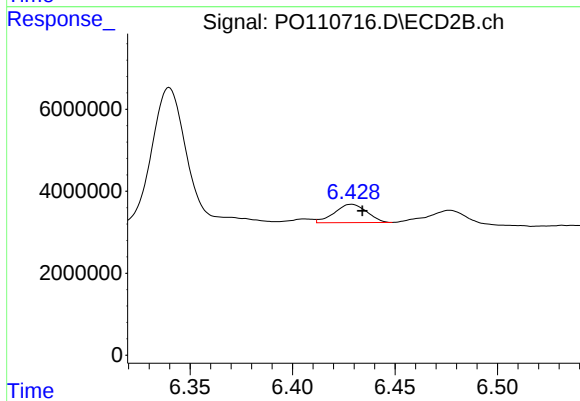
#31 AR-1260-1

R.T.: 6.256 min
Delta R.T.: 0.010 min
Response: 30880759
Conc: 125.55 ng/ml



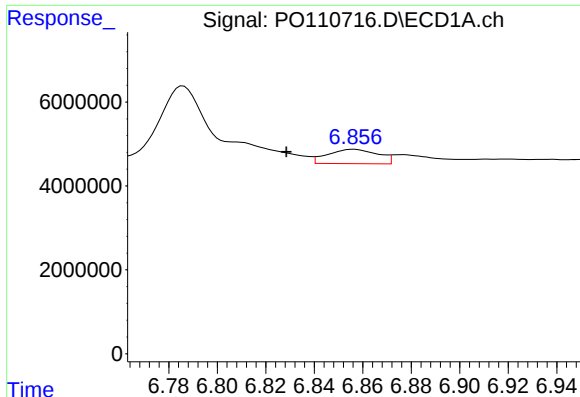
#32 AR-1260-2

R.T.: 6.457 min
Delta R.T.: -0.003 min
Response: 15656175
Conc: 26.70 ng/ml



#32 AR-1260-2

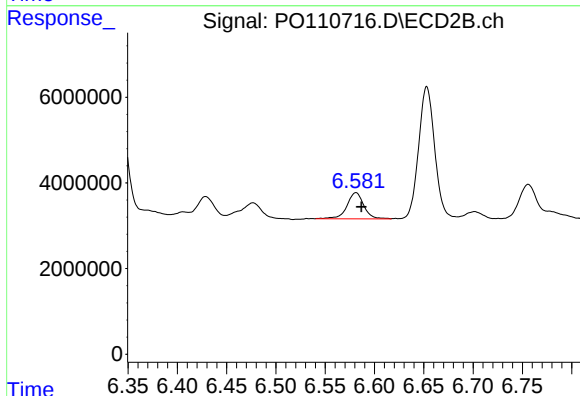
R.T.: 6.429 min
Delta R.T.: -0.005 min
Response: 4888070
Conc: 16.75 ng/ml



#33 AR-1260-3

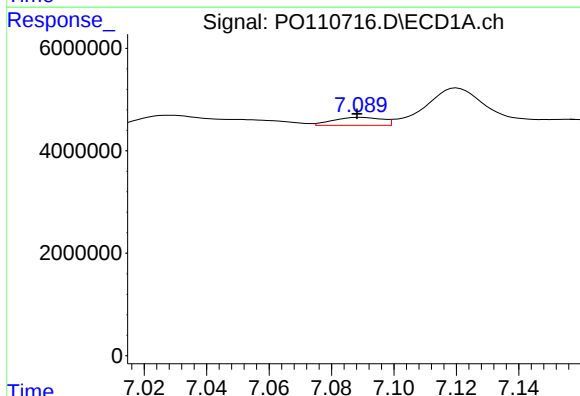
R.T.: 6.856 min
Delta R.T.: 0.028 min
Response: 4920770
Conc: 9.98 ng/ml

Instrument :
ECD_O
ClientSampleId :



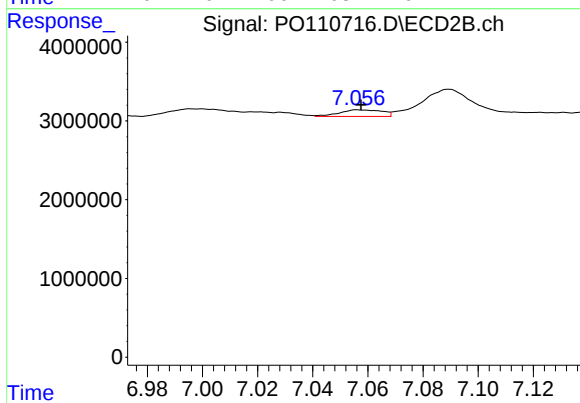
#33 AR-1260-3

R.T.: 6.581 min
Delta R.T.: -0.006 min
Response: 7287552
Conc: 26.90 ng/ml



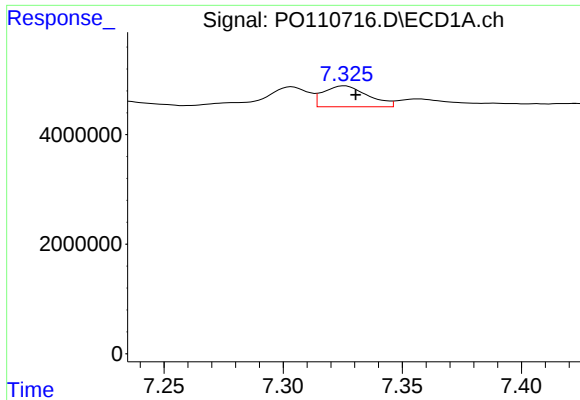
#34 AR-1260-4

R.T.: 7.089 min
Delta R.T.: 0.000 min
Response: 1697965
Conc: 4.00 ng/ml



#34 AR-1260-4

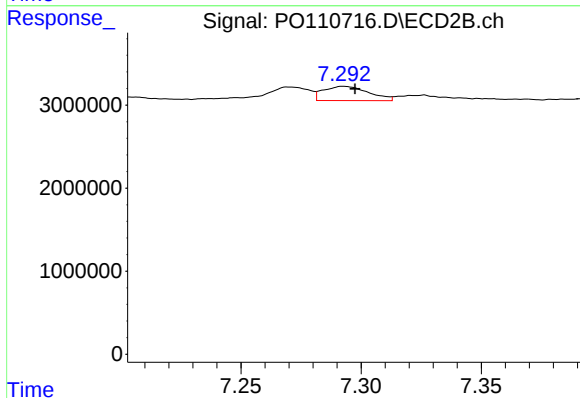
R.T.: 7.057 min
Delta R.T.: 0.000 min
Response: 906164
Conc: 4.52 ng/ml



#35 AR-1260-5

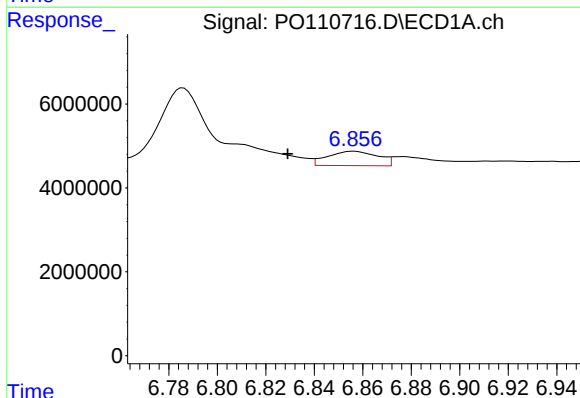
R.T.: 7.326 min
Delta R.T.: -0.005 min
Response: 4945862
Conc: 4.74 ng/ml

Instrument :
ECD_O
ClientSampleId :



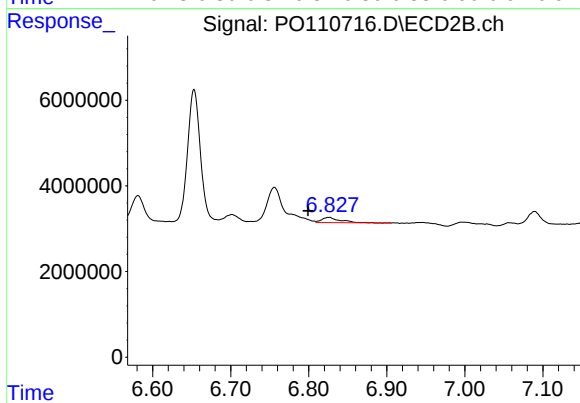
#35 AR-1260-5

R.T.: 7.293 min
Delta R.T.: -0.005 min
Response: 2255315
Conc: 4.92 ng/ml



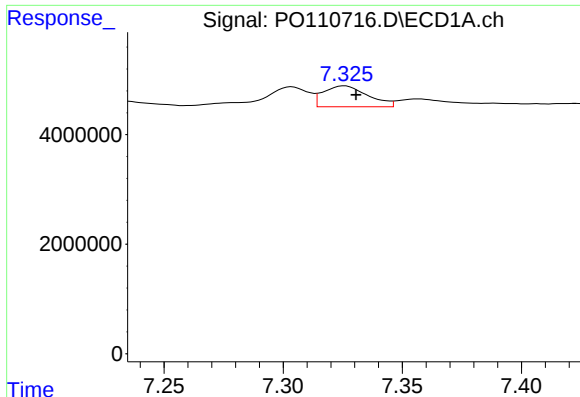
#36 AR-1262-1

R.T.: 6.856 min
Delta R.T.: 0.027 min
Response: 4920770
Conc: 7.02 ng/ml



#36 AR-1262-1

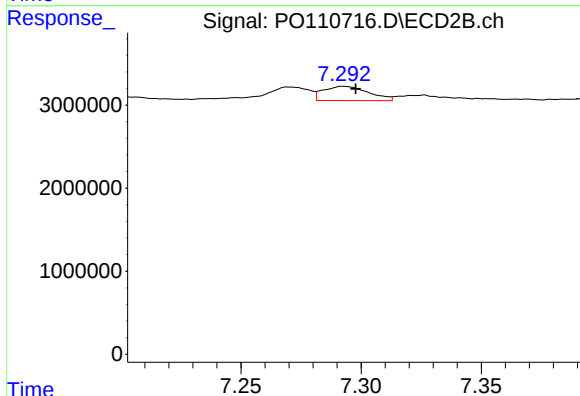
R.T.: 6.826 min
Delta R.T.: 0.027 min
Response: 1992237
Conc: 6.05 ng/ml



#37 AR-1262-2

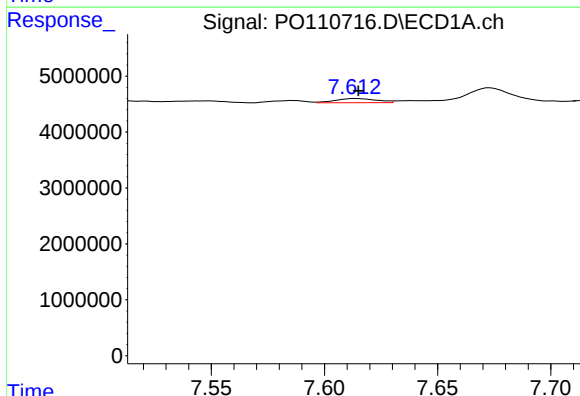
R.T.: 7.326 min
Delta R.T.: -0.005 min
Response: 4945862
Conc: 4.10 ng/ml

Instrument :
ECD_O
ClientSampleId :



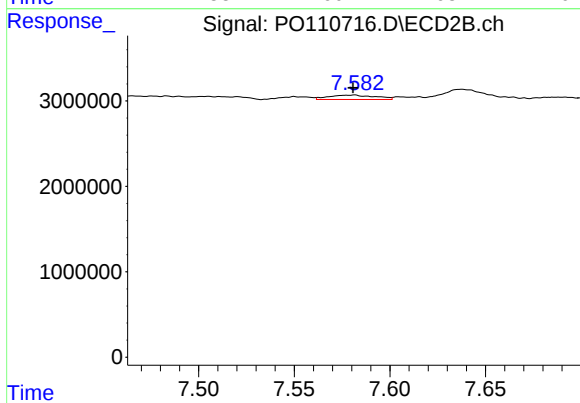
#37 AR-1262-2

R.T.: 7.293 min
Delta R.T.: -0.005 min
Response: 2255315
Conc: 4.44 ng/ml



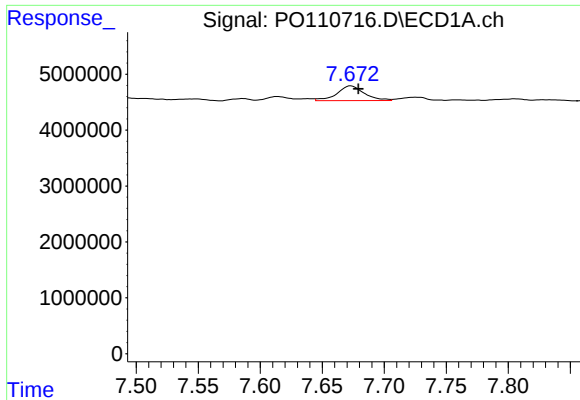
#38 AR-1262-3

R.T.: 7.614 min
Delta R.T.: -0.001 min
Response: 938466
Conc: 1.84 ng/ml



#38 AR-1262-3

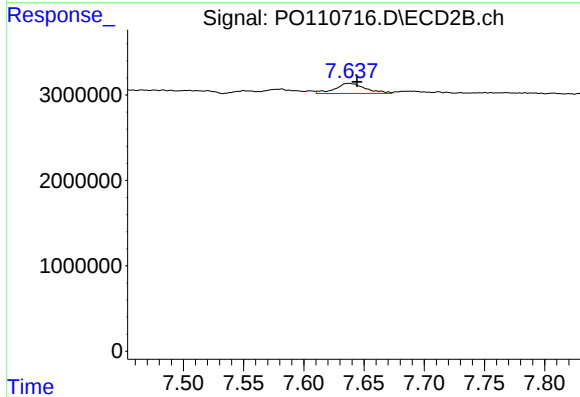
R.T.: 7.581 min
Delta R.T.: 0.000 min
Response: 873845
Conc: 4.51 ng/ml



#39 AR-1262-4

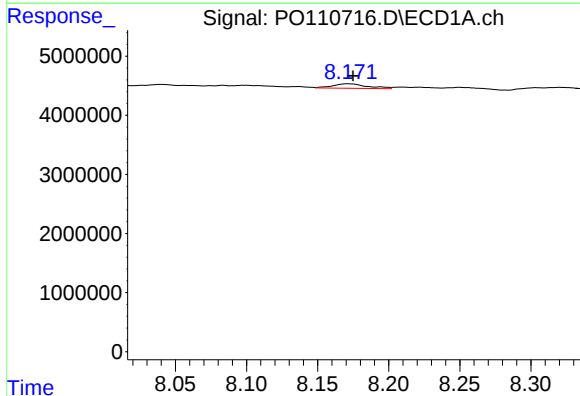
R.T.: 7.673 min
Delta R.T.: -0.006 min
Response: 3998114
Conc: 4.46 ng/ml

Instrument :
ECD_O
ClientSampleId :



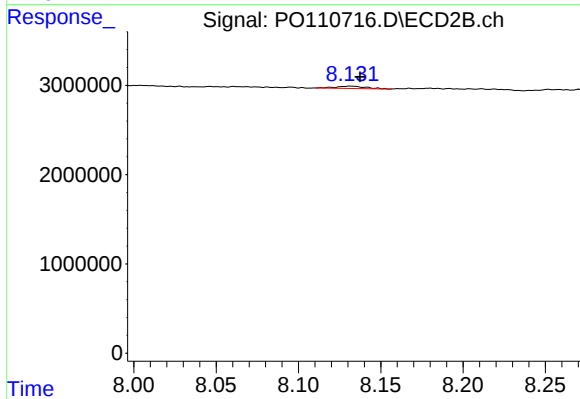
#39 AR-1262-4

R.T.: 7.637 min
Delta R.T.: -0.007 min
Response: 2056192
Conc: 5.92 ng/ml



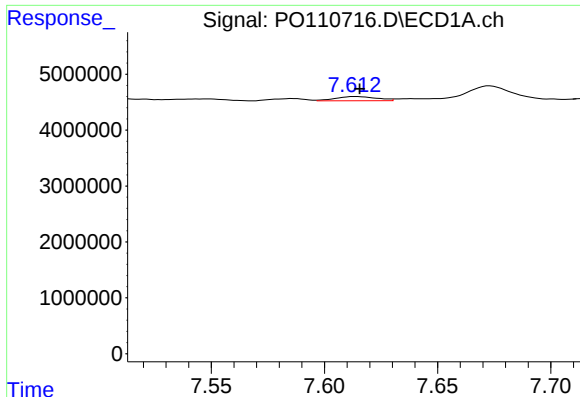
#40 AR-1262-5

R.T.: 8.172 min
Delta R.T.: -0.003 min
Response: 1288887
Conc: 3.20 ng/ml



#40 AR-1262-5

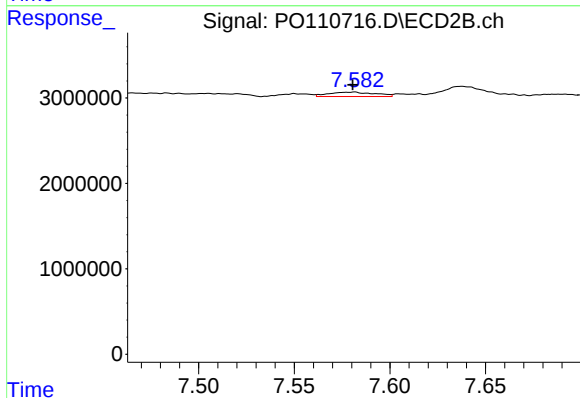
R.T.: 8.132 min
Delta R.T.: -0.005 min
Response: 312490
Conc: 2.51 ng/ml



#41 AR-1268-1

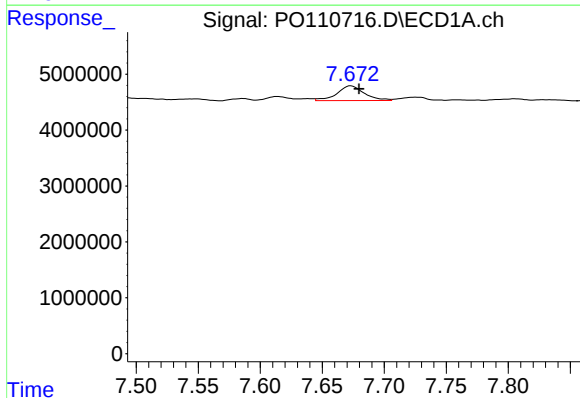
R.T.: 7.614 min
Delta R.T.: -0.002 min
Response: 938466
Conc: 0.67 ng/ml

Instrument :
ECD_O
ClientSampleId :



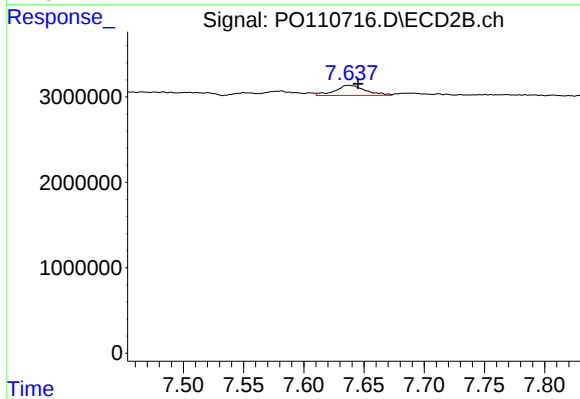
#41 AR-1268-1

R.T.: 7.581 min
Delta R.T.: 0.000 min
Response: 873845
Conc: 1.60 ng/ml



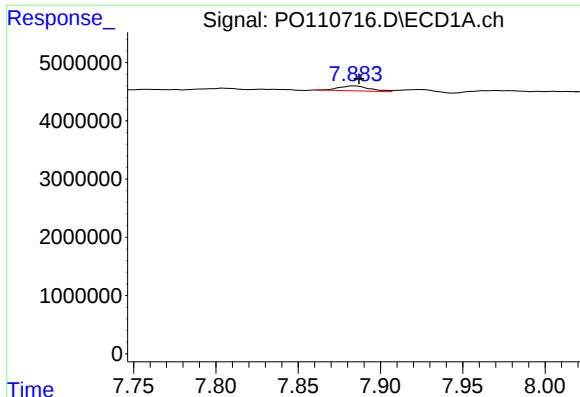
#42 AR-1268-2

R.T.: 7.673 min
Delta R.T.: -0.007 min
Response: 3998114
Conc: 3.12 ng/ml



#42 AR-1268-2

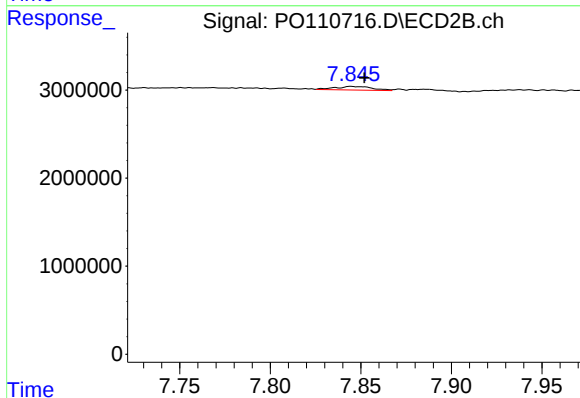
R.T.: 7.637 min
Delta R.T.: -0.008 min
Response: 2056192
Conc: 4.13 ng/ml



#43 AR-1268-3

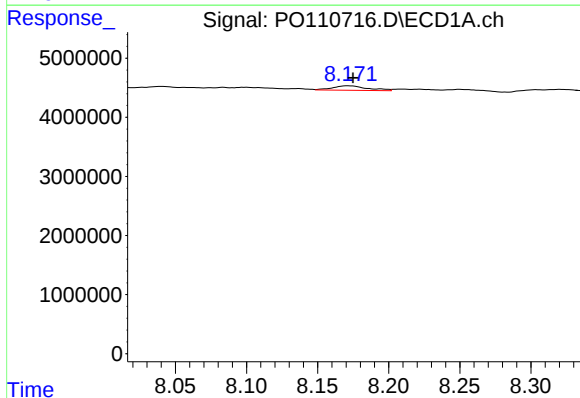
R.T.: 7.884 min
Delta R.T.: -0.003 min
Response: 1099828
Conc: 1.05 ng/ml

Instrument :
ECD_O
ClientSampleId :



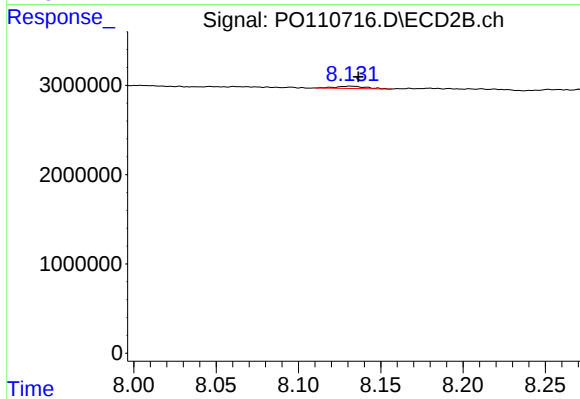
#43 AR-1268-3

R.T.: 7.845 min
Delta R.T.: -0.007 min
Response: 587117
Conc: 1.58 ng/ml



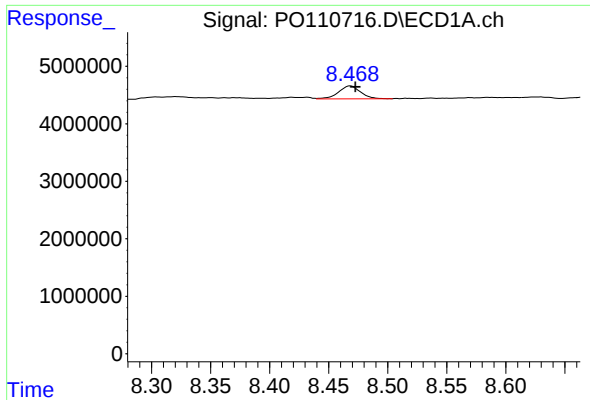
#44 AR-1268-4

R.T.: 8.172 min
Delta R.T.: -0.003 min
Response: 1288887
Conc: 2.90 ng/ml



#44 AR-1268-4

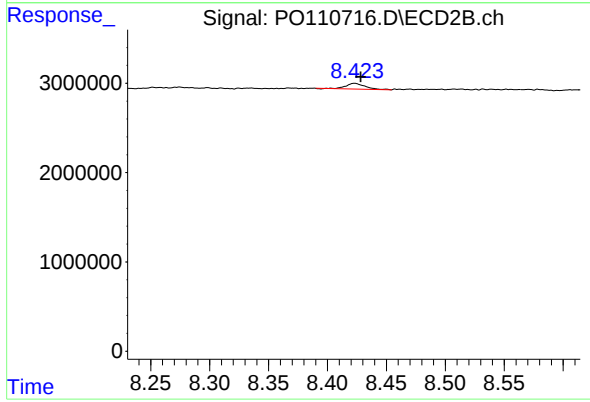
R.T.: 8.132 min
Delta R.T.: -0.005 min
Response: 312490
Conc: 2.21 ng/ml



#45 AR-1268-5

R.T.: 8.468 min
Delta R.T.: -0.004 min
Response: 2893398
Conc: 0.90 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.423 min
Delta R.T.: -0.005 min
Response: 724056
Conc: 0.92 ng/ml