

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0031425\
 Data File : P0109899.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Mar 2025 17:57
 Operator : YP/AJ
 Sample : Q1572-13
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 C0025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 15 00:36:04 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0022025.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Feb 21 04:40:23 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...	3.693	3.691	176.9E6	98084143	18.687	18.739
2)	SA Decachlor...	8.743	8.696	158.7E6	59671154	18.449	18.739
Target Compounds							
3)	L1 AR-1016-1	4.782	4.792	5154148	5332595	16.718	34.146 #
4)	L1 AR-1016-2	4.803	4.792	5032324	5332595	11.953	24.638 #
5)	L1 AR-1016-3	4.860	4.987	625292	1725951	2.114	14.449 #
6)	L1 AR-1016-4	5.000	5.009	3532216	1067986	15.240	10.262 #
7)	L1 AR-1016-5	5.235	5.219	4420062	2470911	17.117	18.135
8)	L2 AR-1221-1	3.910	3.910	197627	192053	1.499	2.804 #
9)	L2 AR-1221-2	3.996	3.990	5581274	2575952	56.547	50.175
10)	L2 AR-1221-3	4.068	4.058	1837875	755536	6.811	5.195
11)	L3 AR-1232-1	4.068	4.058	1837875	755536	8.797	6.778
12)	L3 AR-1232-2	4.572	4.792	398478	5332595	3.433	51.614 #
13)	L3 AR-1232-3	4.803	4.987	5032324	1725951	24.920	30.402
14)	L3 AR-1232-4	5.000	5.052	3532216	982779	31.759	17.903 #
15)	L3 AR-1232-5	5.022	5.219	2207729	2470911	27.033	42.019 #
16)	L4 AR-1242-1	4.782	4.792	5154148	5332595	19.690	40.293 #
17)	L4 AR-1242-2	4.803	4.792	5032324	5332595	14.134	29.378 #
18)	L4 AR-1242-3	4.860	4.987	625292	1725951	2.488	17.281 #
19)	L4 AR-1242-4	5.000	5.052	3532216	982779	17.980	9.192 #
20)	L4 AR-1242-5	5.634	5.574	11612536	8933714	54.169	71.069 #
21)	L5 AR-1248-1	4.782	4.792	5154148	5332595	25.834	53.046 #
22)	L5 AR-1248-2	5.022	5.009	2207729	1067986	7.933	7.341
23)	L5 AR-1248-3	5.235	5.052	4420062	982779	12.651	6.340 #
24)	L5 AR-1248-4	5.595	5.219	15100243	2470911	31.650	13.667 #
25)	L5 AR-1248-5	5.634	5.614	11612536	8199486	33.904	47.615 #
26)	L6 AR-1254-1	5.595	5.574	15100243	8933714	29.286	34.158
27)	L6 AR-1254-2	5.743	5.721	12135164	8413218	26.945	35.868 #
28)	L6 AR-1254-3	6.149	6.125	13505596	6947169	18.864	19.476
29)	L6 AR-1254-4	6.374	6.347	6516182	1281168	15.559	6.634 #
30)	L6 AR-1254-5	6.795	6.767	28150635	15054607	45.120	50.735
31)	L7 AR-1260-1	6.280	6.254	13644499	6541921	29.272	27.612
32)	L7 AR-1260-2	6.471	6.445	11395500	6747283	20.165	24.520
33)	L7 AR-1260-3	6.836	6.594	4162859	1671768	8.752	6.554 #
34)	L7 AR-1260-4	7.096	7.065	13466246	6825337	31.201	33.102
35)	L7 AR-1260-5	7.340	7.305	83590843	6289412	84.105	14.046 #
36)	L8 AR-1262-1	6.836	6.807	4162859	1985133	6.252	6.258
37)	L8 AR-1262-2	7.340	7.305	83590843	6289412	73.992	12.614 #
38)	L8 AR-1262-3	7.623	7.590	27847976	11456953	62.124	58.378
39)	L8 AR-1262-4	7.688	7.654	18445153	8192806	22.244	23.086
40)	L8 AR-1262-5	8.183	8.183	3581384	-25887	9.593	N.D. #
41)	L9 AR-1268-1	7.623	7.590	27847976	11456953	21.030	20.050

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0031425\
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Acq On : 14 Mar 2025 17:57
Operator : YP/AJ
Sample : Q1572-13
Misc :
ALS Vial : 21 Sample Multiplier: 1

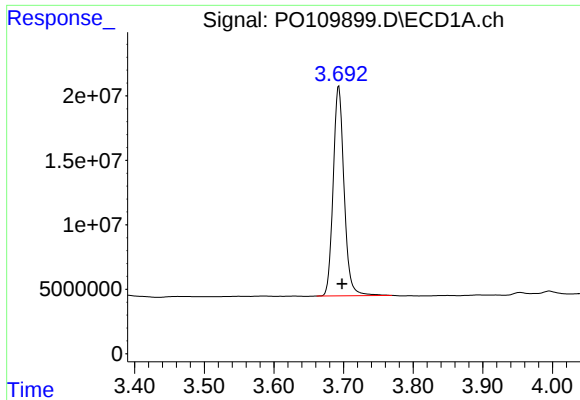
Instrument :
ECD_O
ClientSampleId :
C0025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 15 00:36:04 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 04:40:23 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
42)	L9 AR-1268-2	7.688	7.654	18445153	8192806	15.255	15.607
43)	L9 AR-1268-3	7.896	7.861	31551569	11999451	30.988	28.033
44)	L9 AR-1268-4	8.183	8.183	3581384	-25887	8.430	N.D. #
45)	L9 AR-1268-5	8.482	8.439	52531731	25929897	17.397	23.720 #

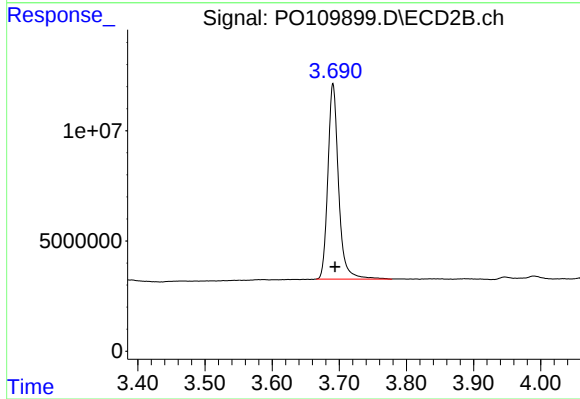
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

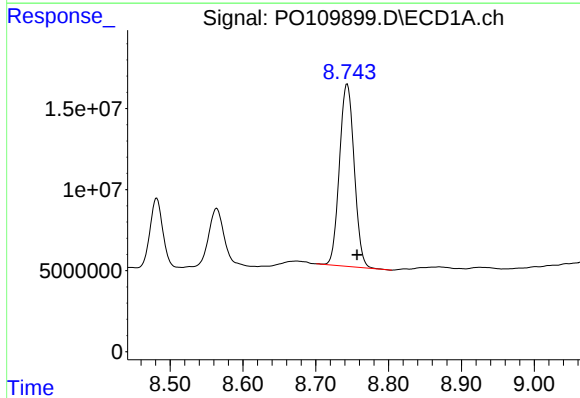
R.T.: 3.693 min
Delta R.T.: -0.005 min
Response: 176872415
Conc: 18.69 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0025



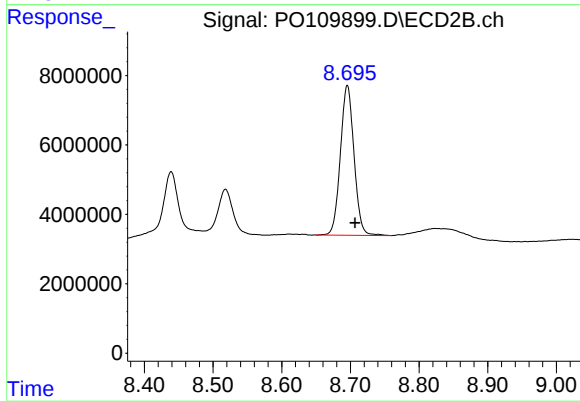
#1 Tetrachloro-m-xylene

R.T.: 3.691 min
Delta R.T.: -0.003 min
Response: 98084143
Conc: 18.74 ng/ml



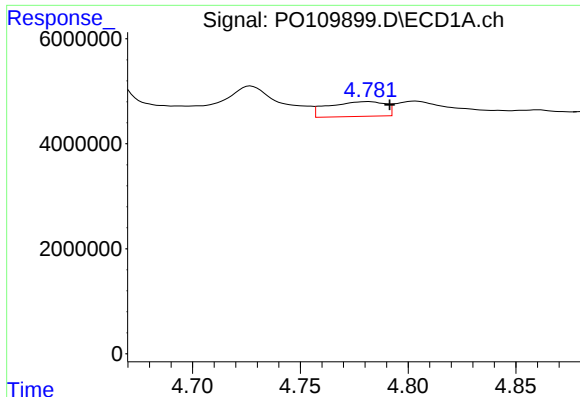
#2 Decachlorobiphenyl

R.T.: 8.743 min
Delta R.T.: -0.014 min
Response: 158697758
Conc: 18.45 ng/ml



#2 Decachlorobiphenyl

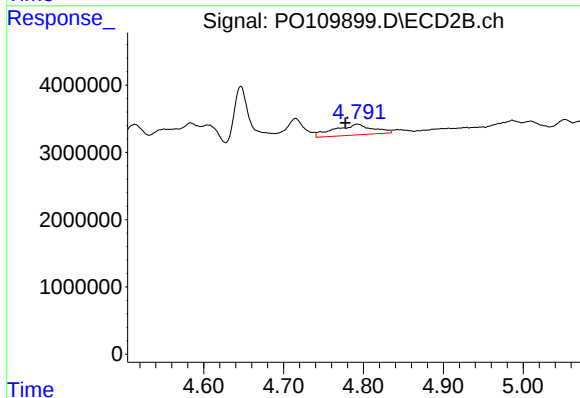
R.T.: 8.696 min
Delta R.T.: -0.011 min
Response: 59671154
Conc: 18.74 ng/ml



#3 AR-1016-1

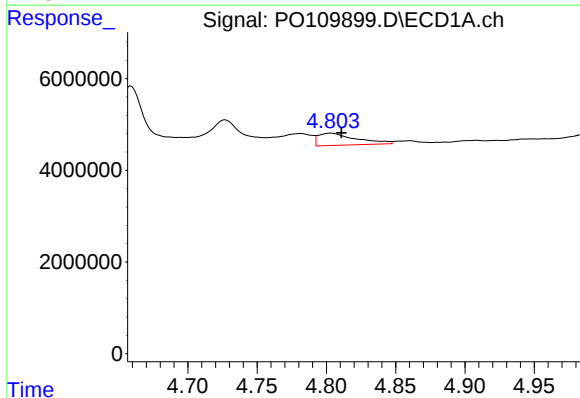
R.T.: 4.782 min
Delta R.T.: -0.010 min
Response: 5154148
Conc: 16.72 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0025



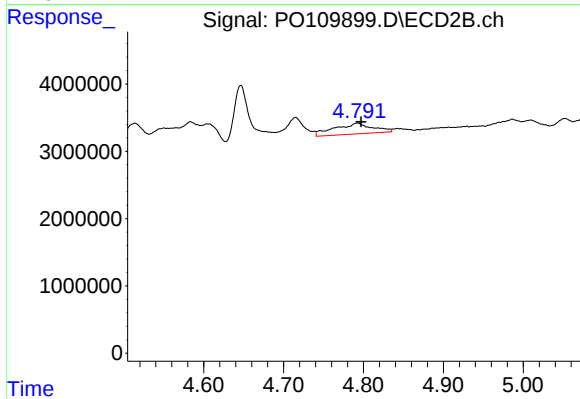
#3 AR-1016-1

R.T.: 4.792 min
Delta R.T.: 0.015 min
Response: 5332595
Conc: 34.15 ng/ml



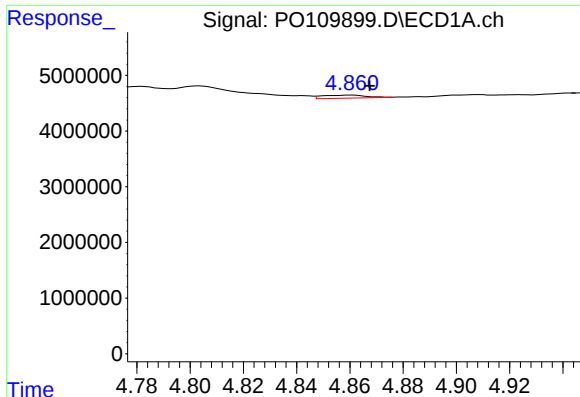
#4 AR-1016-2

R.T.: 4.803 min
Delta R.T.: -0.008 min
Response: 5032324
Conc: 11.95 ng/ml



#4 AR-1016-2

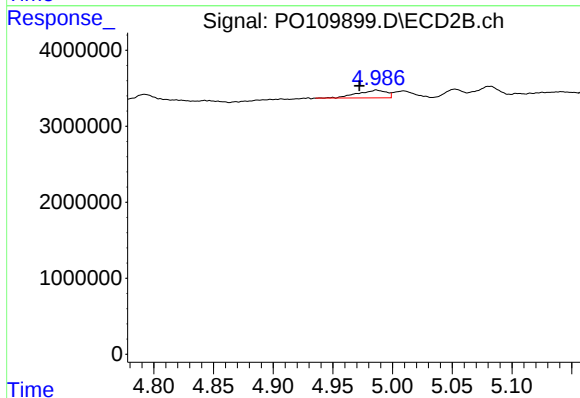
R.T.: 4.792 min
Delta R.T.: -0.005 min
Response: 5332595
Conc: 24.64 ng/ml



#5 AR-1016-3

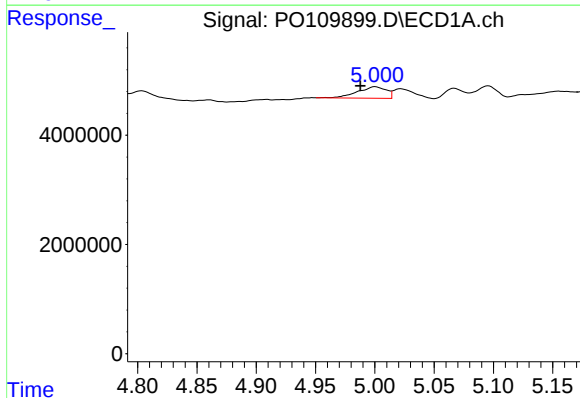
R.T.: 4.860 min
Delta R.T.: -0.007 min
Response: 625292
Conc: 2.11 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0025



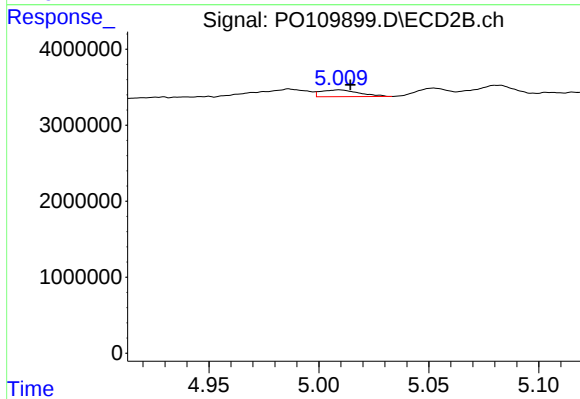
#5 AR-1016-3

R.T.: 4.987 min
Delta R.T.: 0.014 min
Response: 1725951
Conc: 14.45 ng/ml



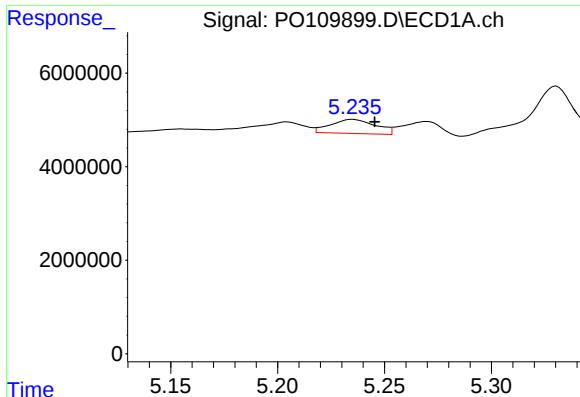
#6 AR-1016-4

R.T.: 5.000 min
Delta R.T.: 0.013 min
Response: 3532216
Conc: 15.24 ng/ml



#6 AR-1016-4

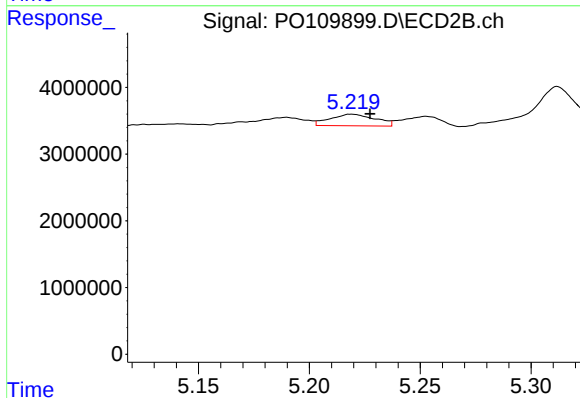
R.T.: 5.009 min
Delta R.T.: -0.005 min
Response: 1067986
Conc: 10.26 ng/ml



#7 AR-1016-5

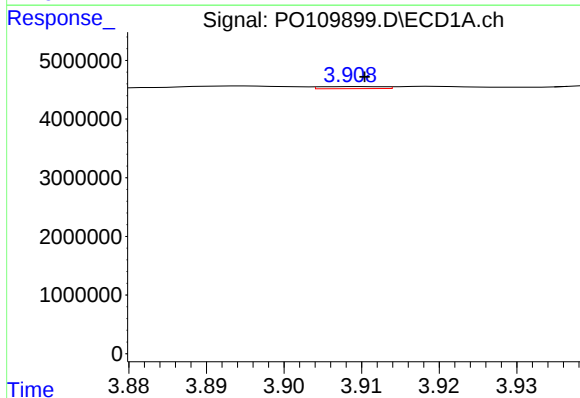
R.T.: 5.235 min
Delta R.T.: -0.010 min
Response: 4420062
Conc: 17.12 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0025



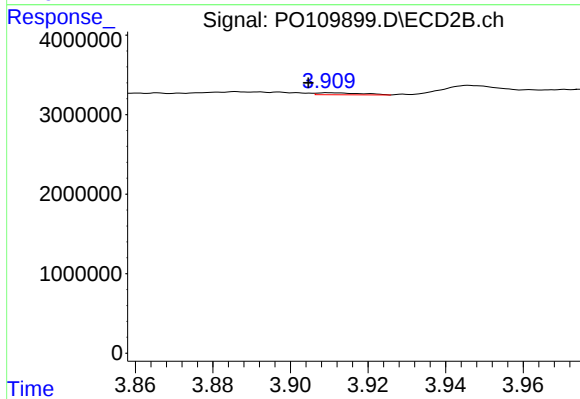
#7 AR-1016-5

R.T.: 5.219 min
Delta R.T.: -0.008 min
Response: 2470911
Conc: 18.13 ng/ml



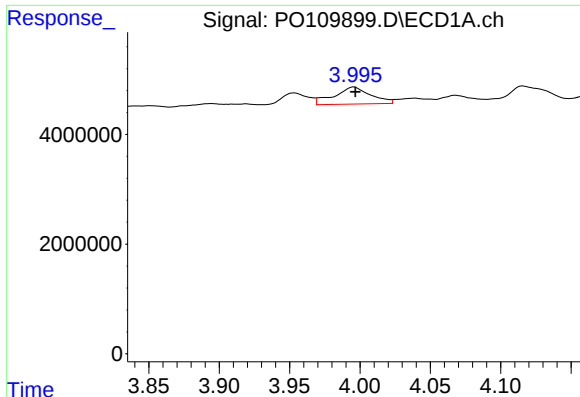
#8 AR-1221-1

R.T.: 3.910 min
Delta R.T.: 0.000 min
Response: 197627
Conc: 1.50 ng/ml



#8 AR-1221-1

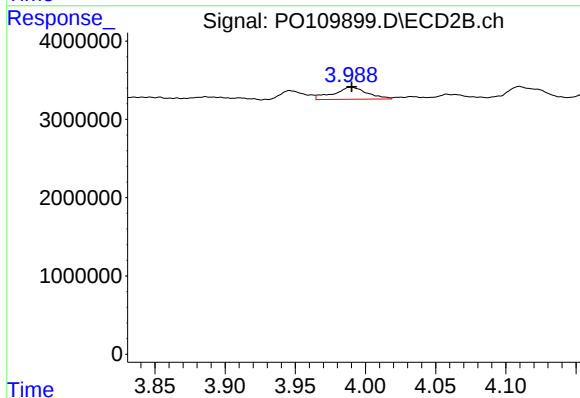
R.T.: 3.910 min
Delta R.T.: 0.006 min
Response: 192053
Conc: 2.80 ng/ml



#9 AR-1221-2

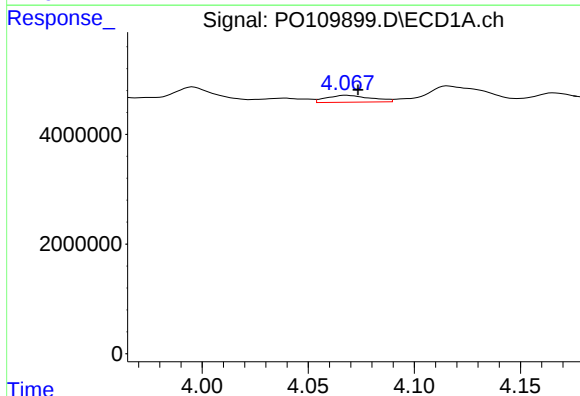
R.T.: 3.996 min
Delta R.T.: 0.000 min
Response: 5581274
Conc: 56.55 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0025



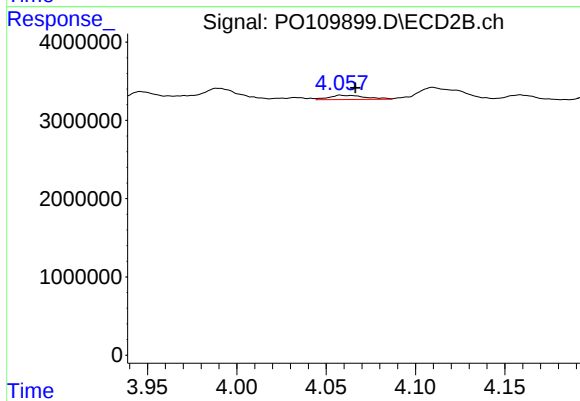
#9 AR-1221-2

R.T.: 3.990 min
Delta R.T.: 0.000 min
Response: 2575952
Conc: 50.17 ng/ml



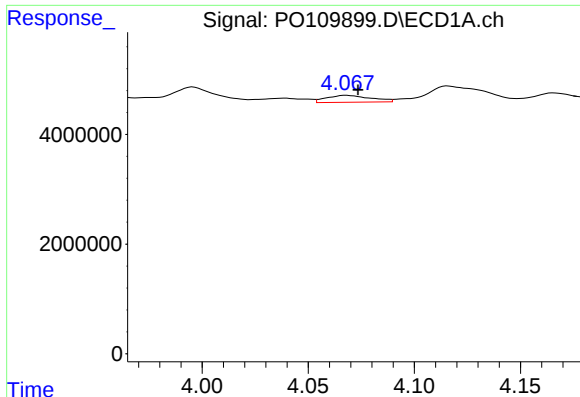
#10 AR-1221-3

R.T.: 4.068 min
Delta R.T.: -0.005 min
Response: 1837875
Conc: 6.81 ng/ml



#10 AR-1221-3

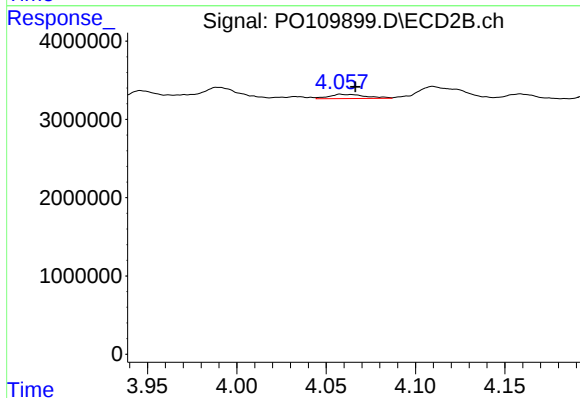
R.T.: 4.058 min
Delta R.T.: -0.008 min
Response: 755536
Conc: 5.20 ng/ml



#11 AR-1232-1

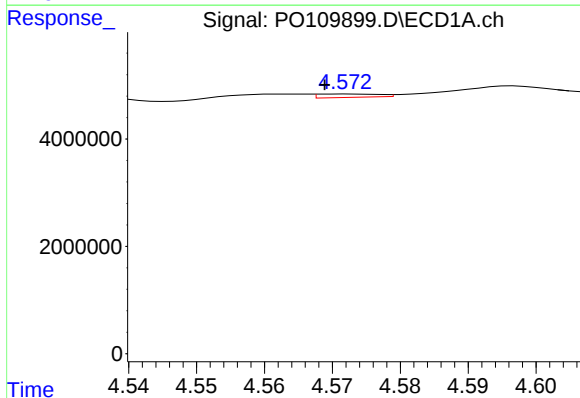
R.T.: 4.068 min
Delta R.T.: -0.005 min
Response: 1837875
Conc: 8.80 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0025



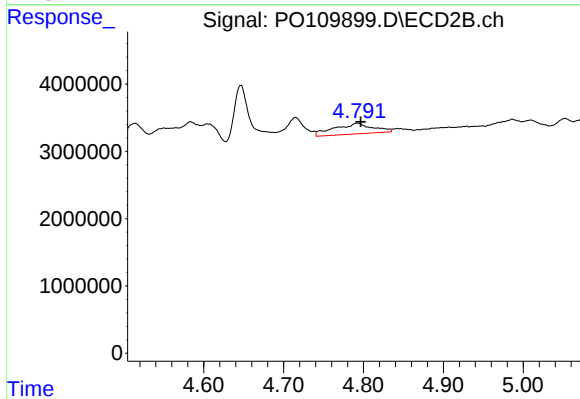
#11 AR-1232-1

R.T.: 4.058 min
Delta R.T.: -0.008 min
Response: 755536
Conc: 6.78 ng/ml



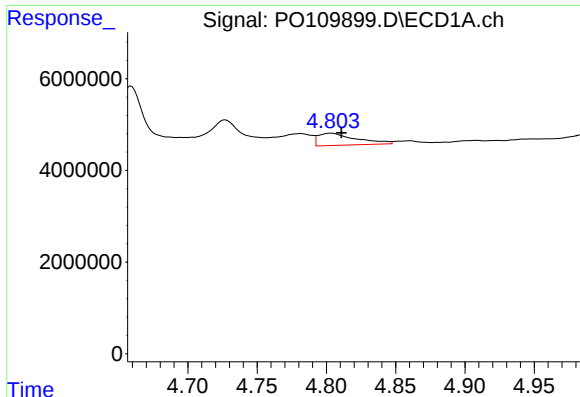
#12 AR-1232-2

R.T.: 4.572 min
Delta R.T.: 0.003 min
Response: 398478
Conc: 3.43 ng/ml



#12 AR-1232-2

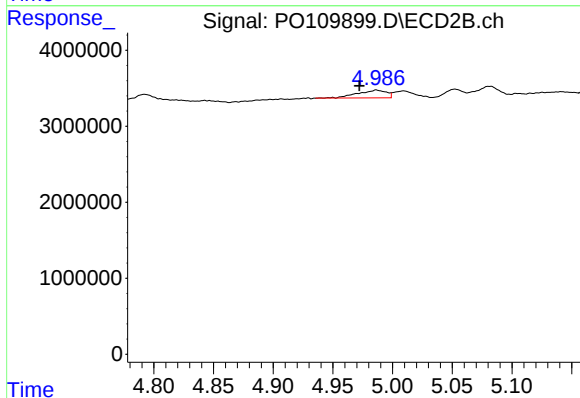
R.T.: 4.792 min
Delta R.T.: -0.004 min
Response: 5332595
Conc: 51.61 ng/ml



#13 AR-1232-3

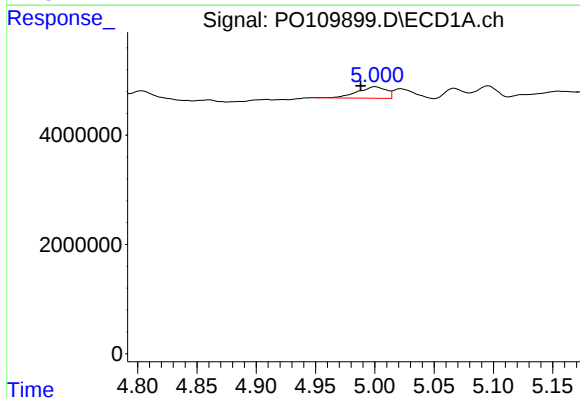
R.T.: 4.803 min
Delta R.T.: -0.007 min
Response: 5032324
Conc: 24.92 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0025



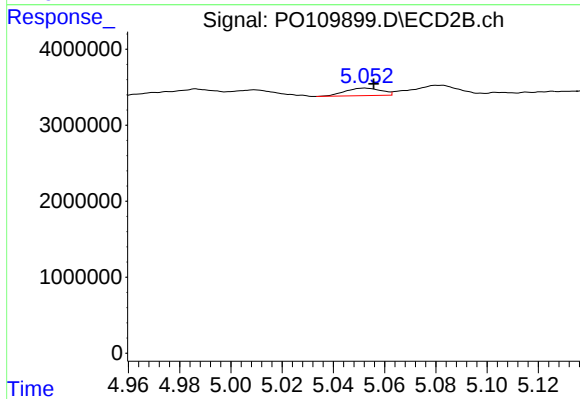
#13 AR-1232-3

R.T.: 4.987 min
Delta R.T.: 0.014 min
Response: 1725951
Conc: 30.40 ng/ml



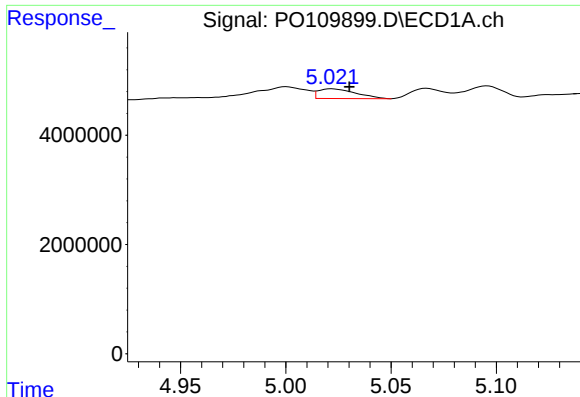
#14 AR-1232-4

R.T.: 5.000 min
Delta R.T.: 0.012 min
Response: 3532216
Conc: 31.76 ng/ml



#14 AR-1232-4

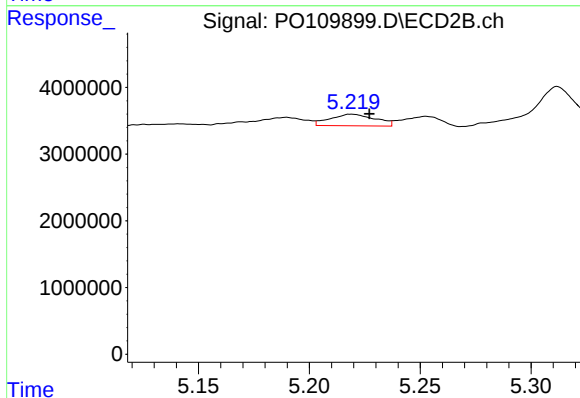
R.T.: 5.052 min
Delta R.T.: -0.004 min
Response: 982779
Conc: 17.90 ng/ml



#15 AR-1232-5

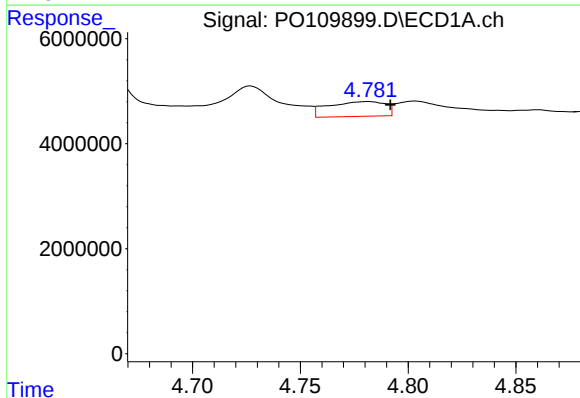
R.T.: 5.022 min
Delta R.T.: -0.008 min
Response: 2207729
Conc: 27.03 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0025



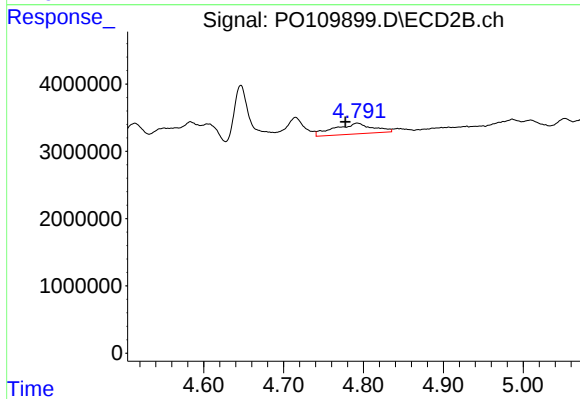
#15 AR-1232-5

R.T.: 5.219 min
Delta R.T.: -0.008 min
Response: 2470911
Conc: 42.02 ng/ml



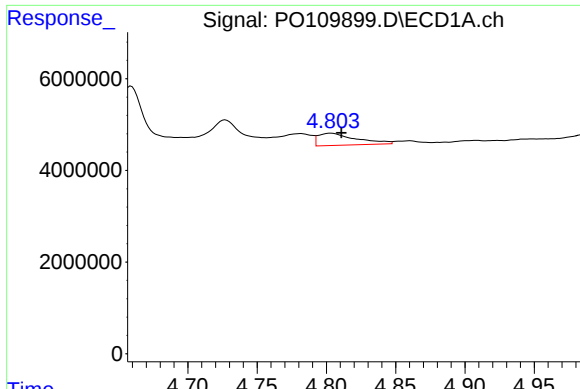
#16 AR-1242-1

R.T.: 4.782 min
Delta R.T.: -0.010 min
Response: 5154148
Conc: 19.69 ng/ml



#16 AR-1242-1

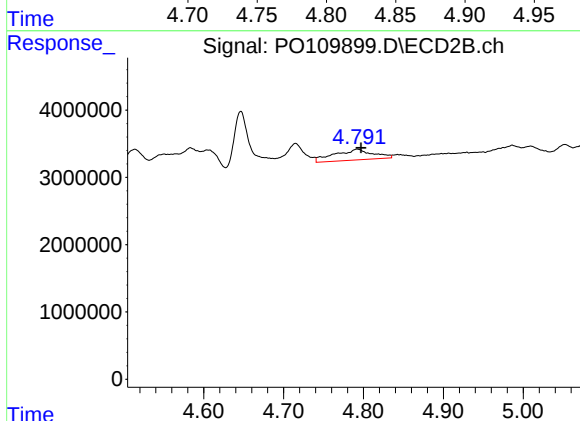
R.T.: 4.792 min
Delta R.T.: 0.015 min
Response: 5332595
Conc: 40.29 ng/ml



#17 AR-1242-2

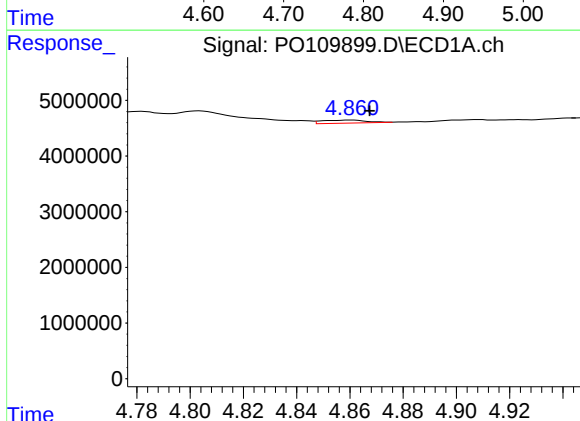
R.T.: 4.803 min
Delta R.T.: -0.007 min
Response: 5032324
Conc: 14.13 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0025



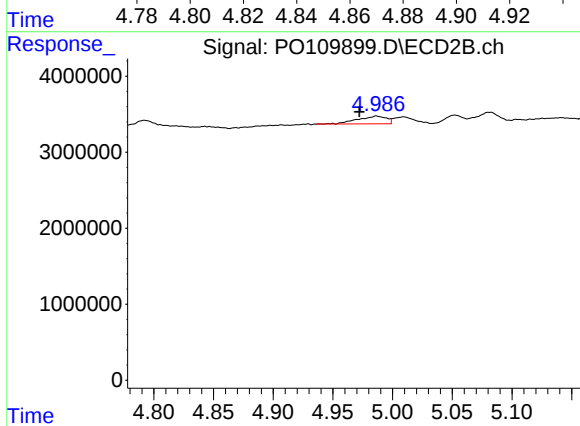
#17 AR-1242-2

R.T.: 4.792 min
Delta R.T.: -0.005 min
Response: 5332595
Conc: 29.38 ng/ml



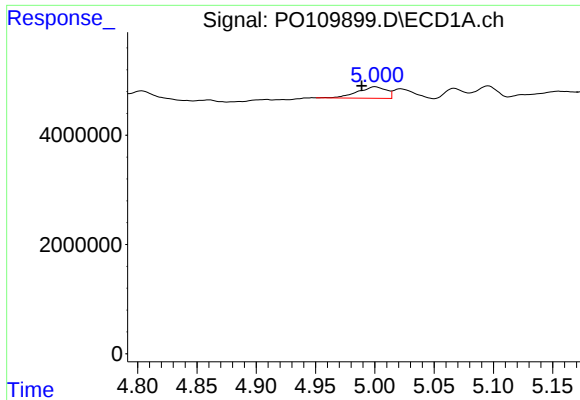
#18 AR-1242-3

R.T.: 4.860 min
Delta R.T.: -0.007 min
Response: 625292
Conc: 2.49 ng/ml



#18 AR-1242-3

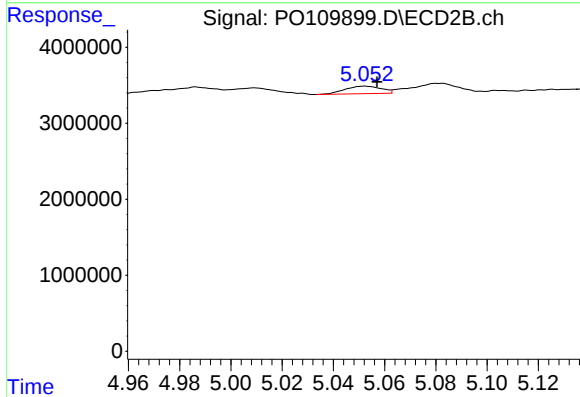
R.T.: 4.987 min
Delta R.T.: 0.014 min
Response: 1725951
Conc: 17.28 ng/ml



#19 AR-1242-4

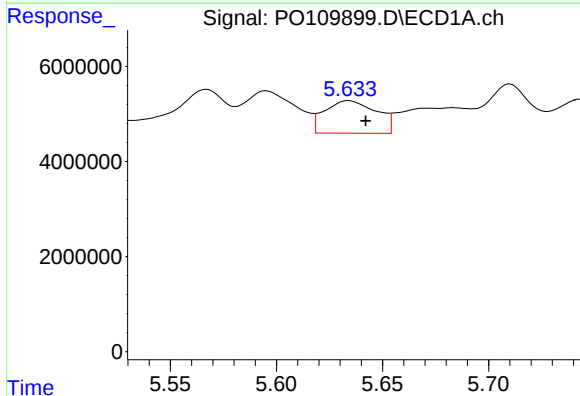
R.T.: 5.000 min
Delta R.T.: 0.011 min
Response: 3532216
Conc: 17.98 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0025



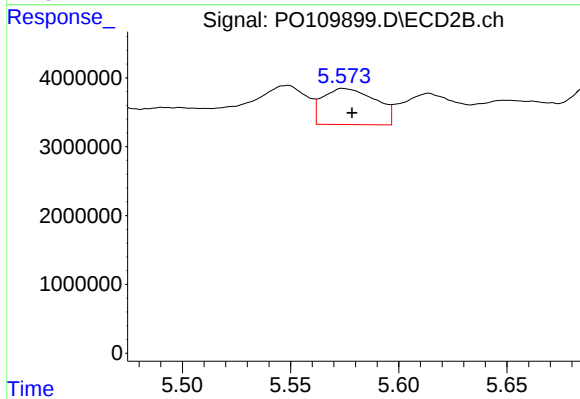
#19 AR-1242-4

R.T.: 5.052 min
Delta R.T.: -0.005 min
Response: 982779
Conc: 9.19 ng/ml



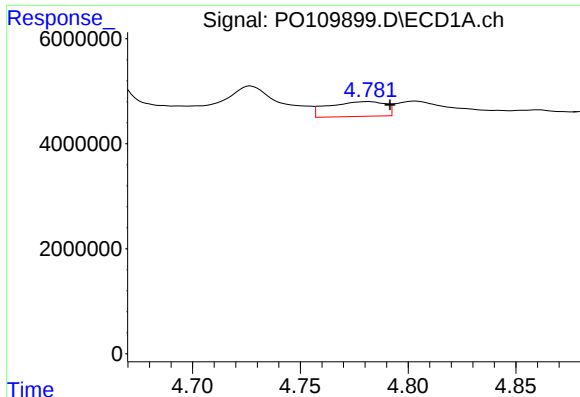
#20 AR-1242-5

R.T.: 5.634 min
Delta R.T.: -0.008 min
Response: 11612536
Conc: 54.17 ng/ml



#20 AR-1242-5

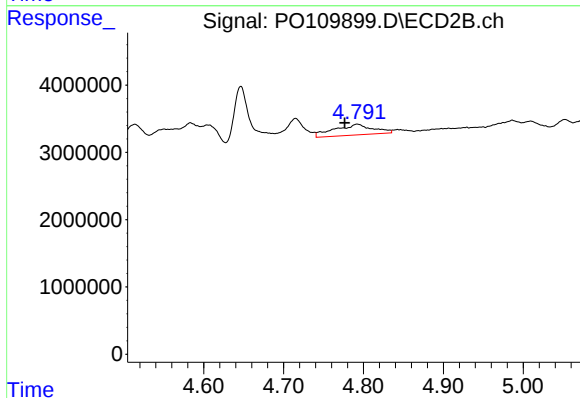
R.T.: 5.574 min
Delta R.T.: -0.004 min
Response: 8933714
Conc: 71.07 ng/ml



#21 AR-1248-1

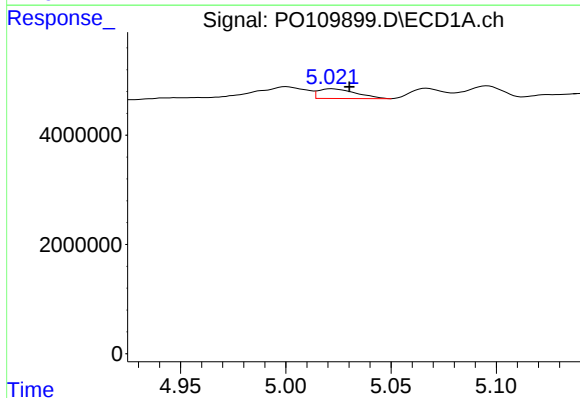
R.T.: 4.782 min
Delta R.T.: -0.010 min
Response: 5154148
Conc: 25.83 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0025



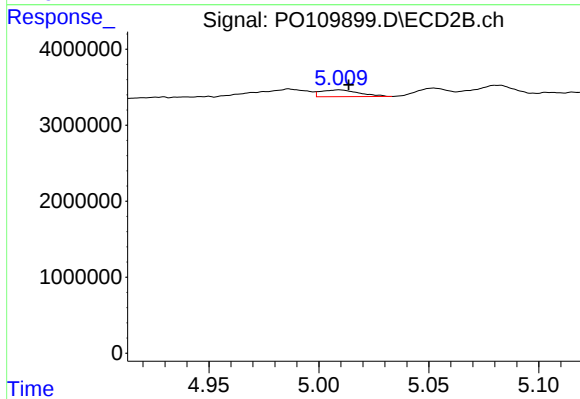
#21 AR-1248-1

R.T.: 4.792 min
Delta R.T.: 0.016 min
Response: 5332595
Conc: 53.05 ng/ml



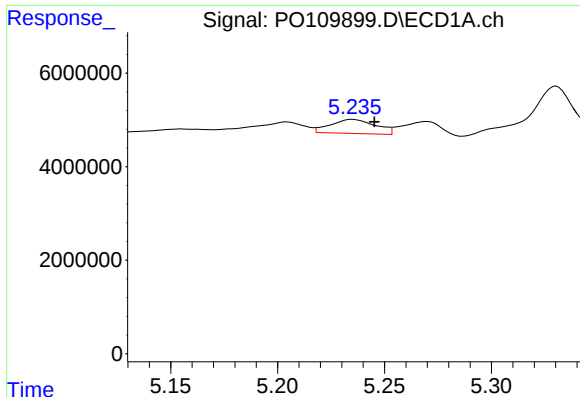
#22 AR-1248-2

R.T.: 5.022 min
Delta R.T.: -0.008 min
Response: 2207729
Conc: 7.93 ng/ml



#22 AR-1248-2

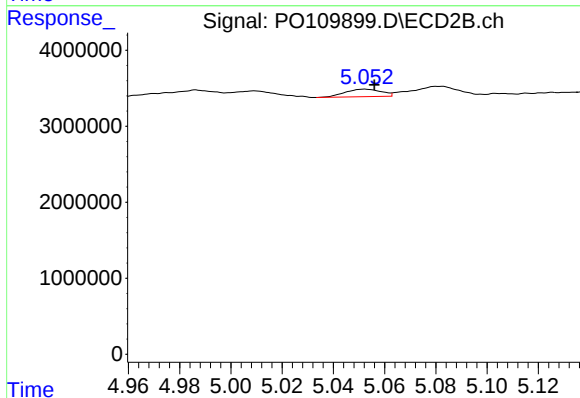
R.T.: 5.009 min
Delta R.T.: -0.004 min
Response: 1067986
Conc: 7.34 ng/ml



#23 AR-1248-3

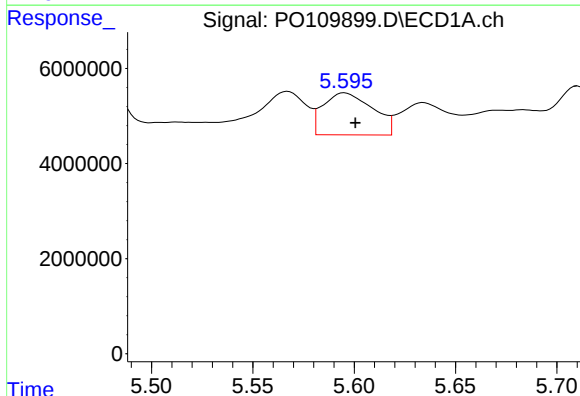
R.T.: 5.235 min
Delta R.T.: -0.010 min
Response: 4420062
Conc: 12.65 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0025



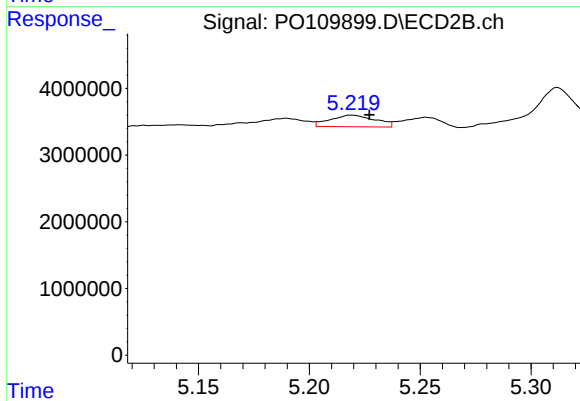
#23 AR-1248-3

R.T.: 5.052 min
Delta R.T.: -0.004 min
Response: 982779
Conc: 6.34 ng/ml



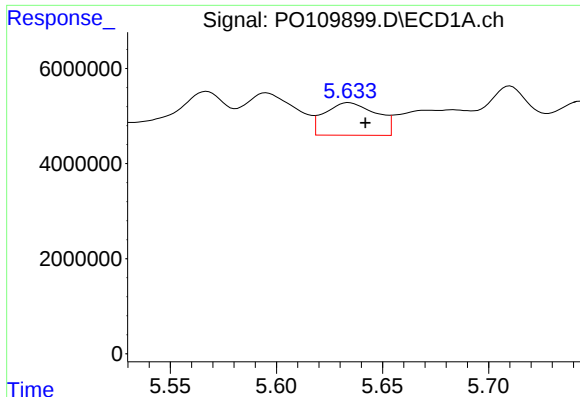
#24 AR-1248-4

R.T.: 5.595 min
Delta R.T.: -0.005 min
Response: 15100243
Conc: 31.65 ng/ml



#24 AR-1248-4

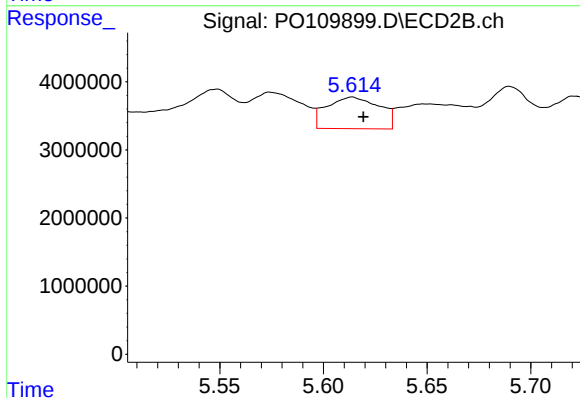
R.T.: 5.219 min
Delta R.T.: -0.008 min
Response: 2470911
Conc: 13.67 ng/ml



#25 AR-1248-5

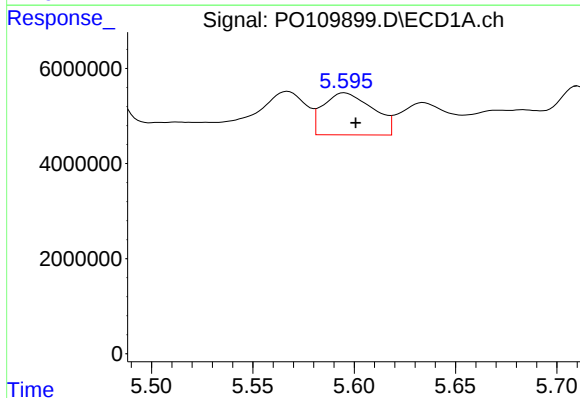
R.T.: 5.634 min
Delta R.T.: -0.008 min
Response: 11612536
Conc: 33.90 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0025



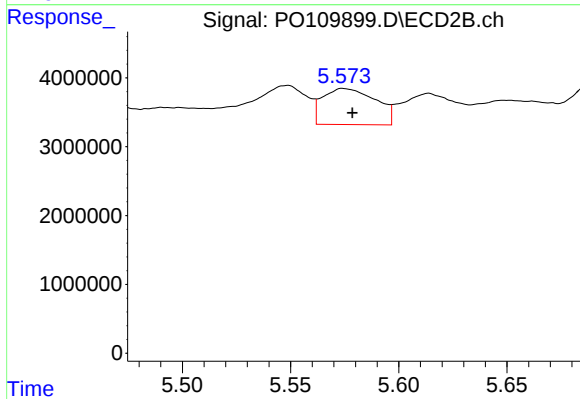
#25 AR-1248-5

R.T.: 5.614 min
Delta R.T.: -0.005 min
Response: 8199486
Conc: 47.61 ng/ml



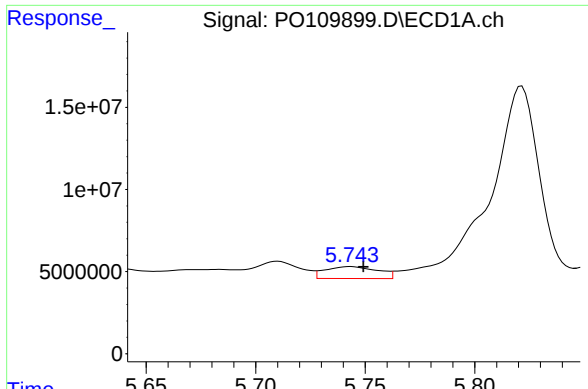
#26 AR-1254-1

R.T.: 5.595 min
Delta R.T.: -0.005 min
Response: 15100243
Conc: 29.29 ng/ml



#26 AR-1254-1

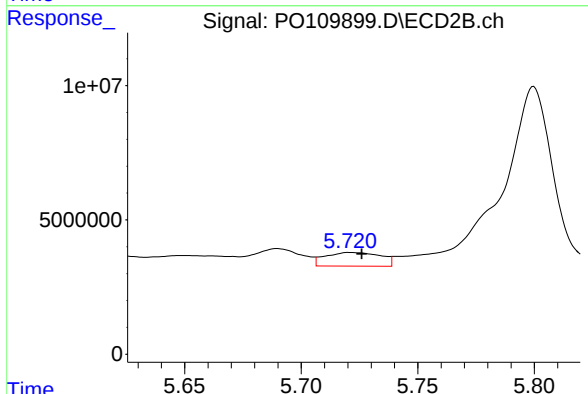
R.T.: 5.574 min
Delta R.T.: -0.004 min
Response: 8933714
Conc: 34.16 ng/ml



#27 AR-1254-2

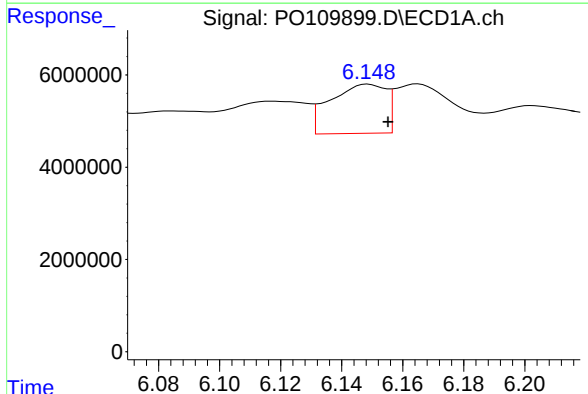
R.T.: 5.743 min
Delta R.T.: -0.006 min
Response: 12135164
Conc: 26.94 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0025



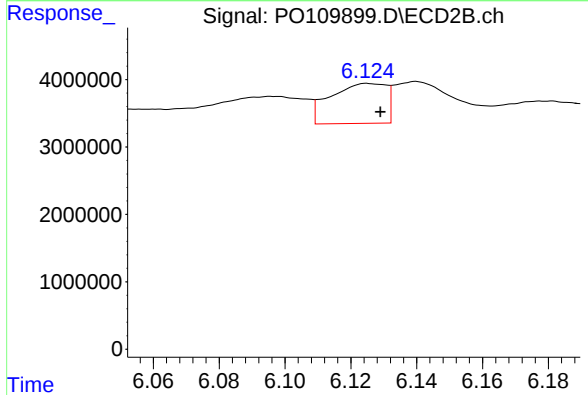
#27 AR-1254-2

R.T.: 5.721 min
Delta R.T.: -0.005 min
Response: 8413218
Conc: 35.87 ng/ml



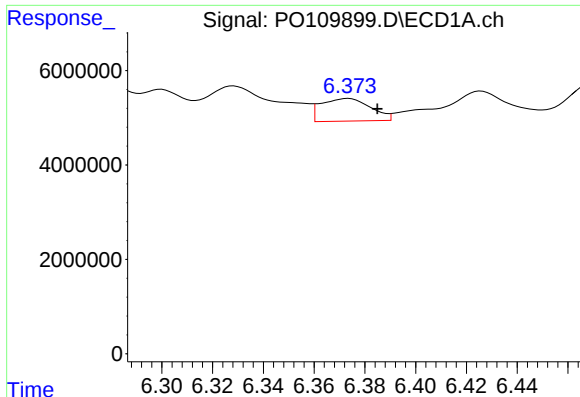
#28 AR-1254-3

R.T.: 6.149 min
Delta R.T.: -0.007 min
Response: 13505596
Conc: 18.86 ng/ml



#28 AR-1254-3

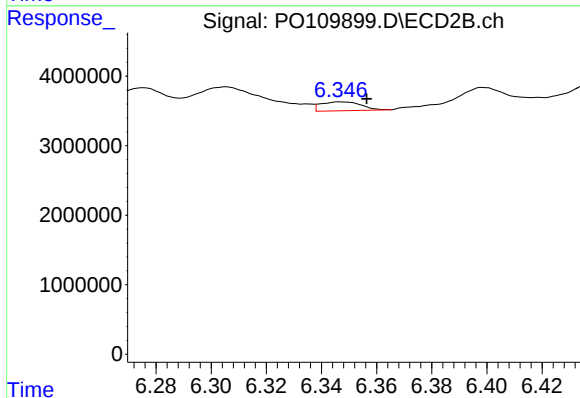
R.T.: 6.125 min
Delta R.T.: -0.004 min
Response: 6947169
Conc: 19.48 ng/ml



#29 AR-1254-4

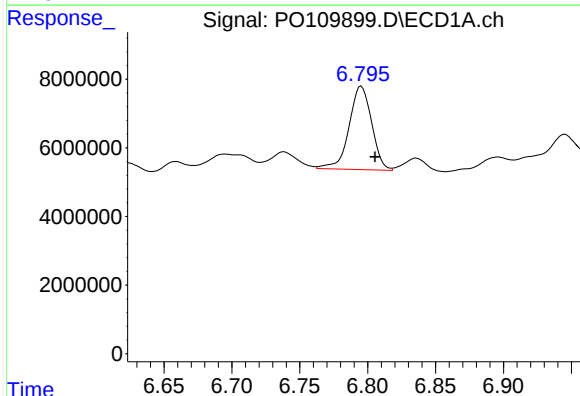
R.T.: 6.374 min
Delta R.T.: -0.011 min
Response: 6516182
Conc: 15.56 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0025



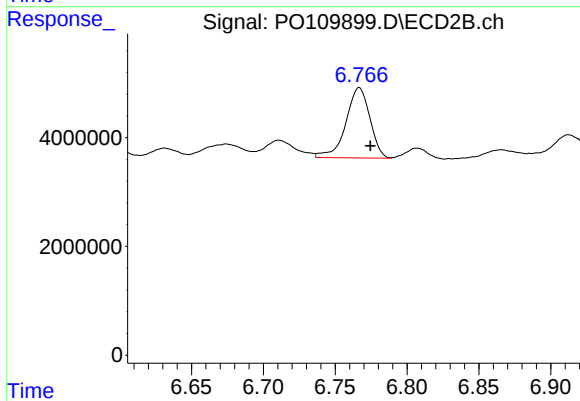
#29 AR-1254-4

R.T.: 6.347 min
Delta R.T.: -0.009 min
Response: 1281168
Conc: 6.63 ng/ml



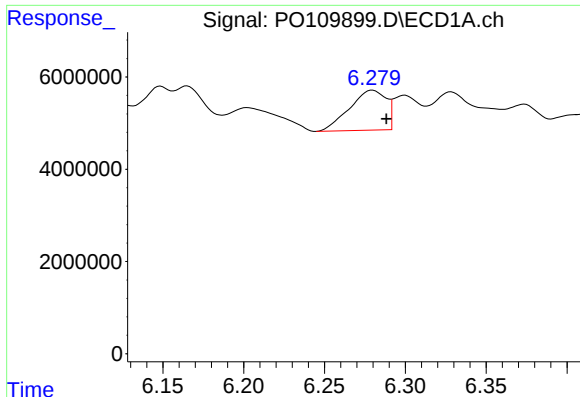
#30 AR-1254-5

R.T.: 6.795 min
Delta R.T.: -0.010 min
Response: 28150635
Conc: 45.12 ng/ml



#30 AR-1254-5

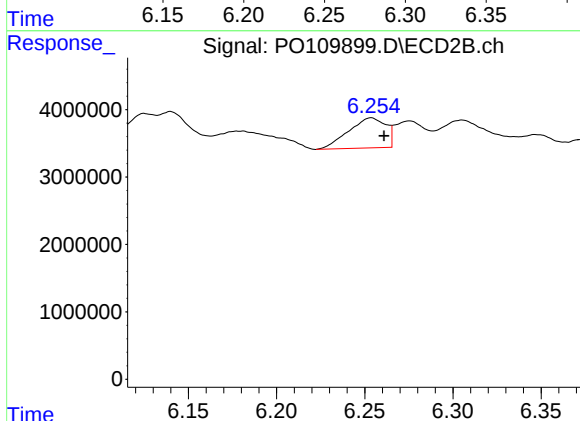
R.T.: 6.767 min
Delta R.T.: -0.008 min
Response: 15054607
Conc: 50.73 ng/ml



#31 AR-1260-1

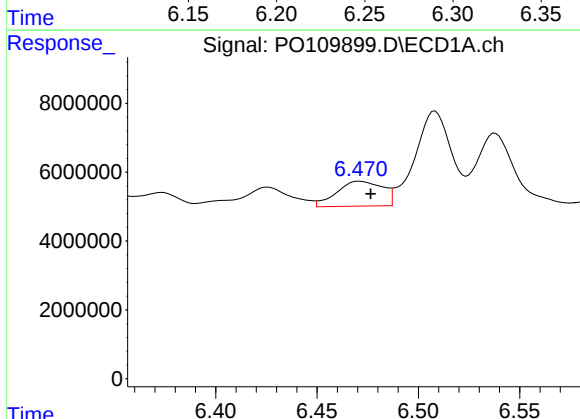
R.T.: 6.280 min
Delta R.T.: -0.009 min
Response: 13644499
Conc: 29.27 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0025



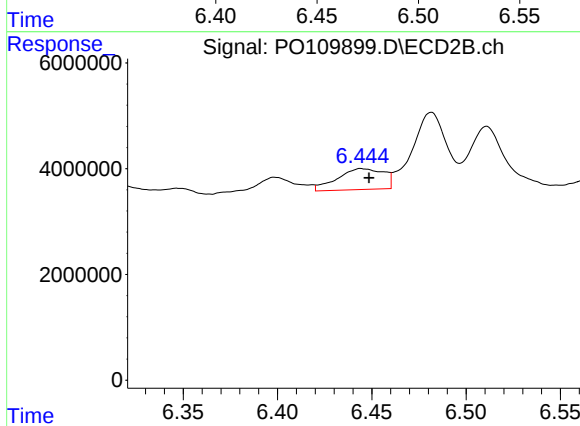
#31 AR-1260-1

R.T.: 6.254 min
Delta R.T.: -0.007 min
Response: 6541921
Conc: 27.61 ng/ml



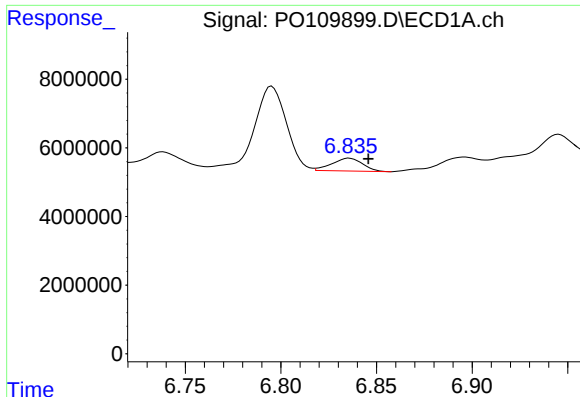
#32 AR-1260-2

R.T.: 6.471 min
Delta R.T.: -0.006 min
Response: 11395500
Conc: 20.16 ng/ml



#32 AR-1260-2

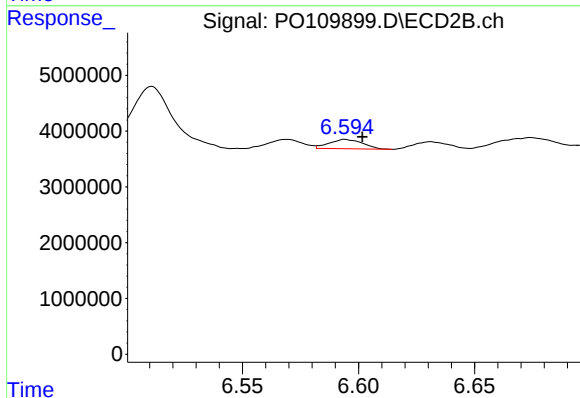
R.T.: 6.445 min
Delta R.T.: -0.004 min
Response: 6747283
Conc: 24.52 ng/ml



#33 AR-1260-3

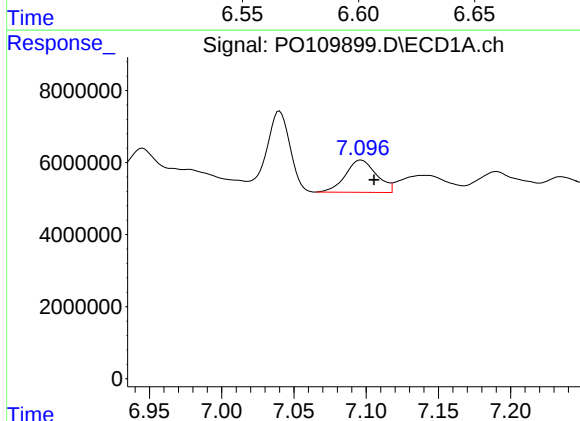
R.T.: 6.836 min
Delta R.T.: -0.010 min
Response: 4162859
Conc: 8.75 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0025



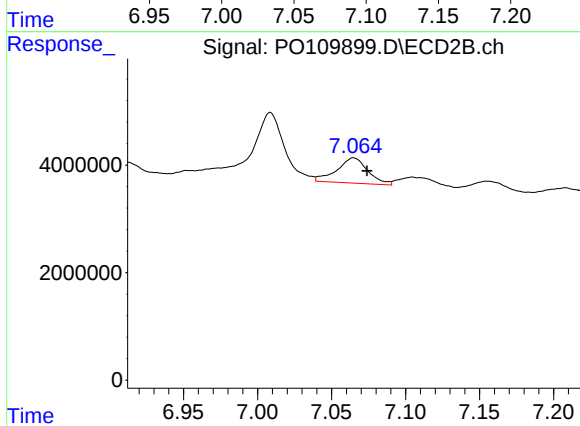
#33 AR-1260-3

R.T.: 6.594 min
Delta R.T.: -0.007 min
Response: 1671768
Conc: 6.55 ng/ml



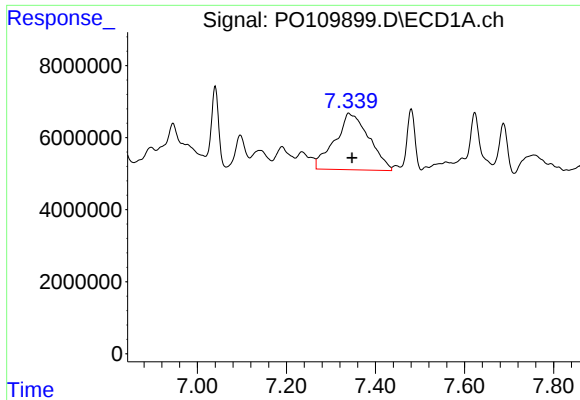
#34 AR-1260-4

R.T.: 7.096 min
Delta R.T.: -0.009 min
Response: 13466246
Conc: 31.20 ng/ml



#34 AR-1260-4

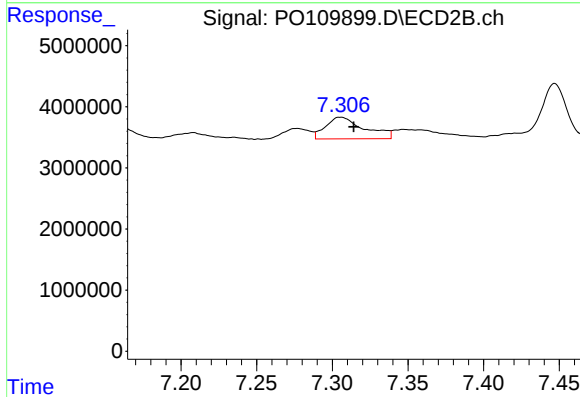
R.T.: 7.065 min
Delta R.T.: -0.009 min
Response: 6825337
Conc: 33.10 ng/ml



#35 AR-1260-5

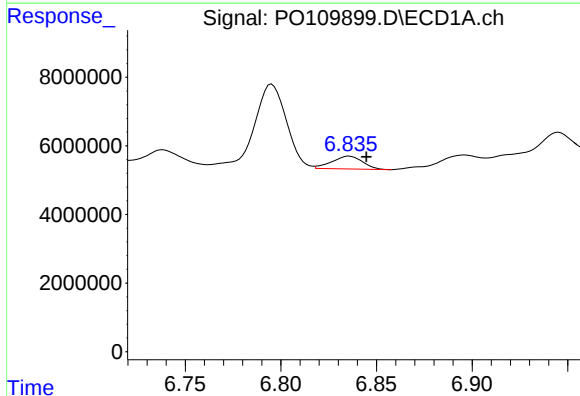
R.T.: 7.340 min
Delta R.T.: -0.007 min
Response: 83590843
Conc: 84.11 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0025



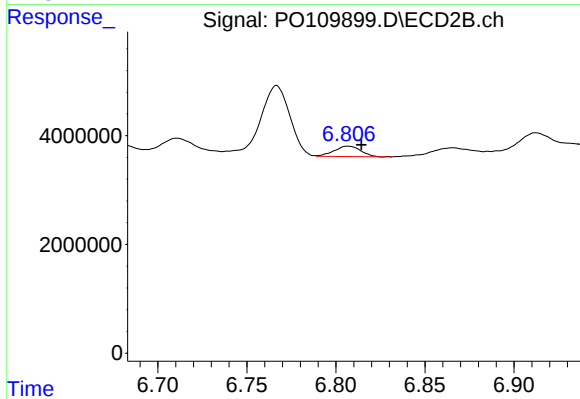
#35 AR-1260-5

R.T.: 7.305 min
Delta R.T.: -0.009 min
Response: 6289412
Conc: 14.05 ng/ml



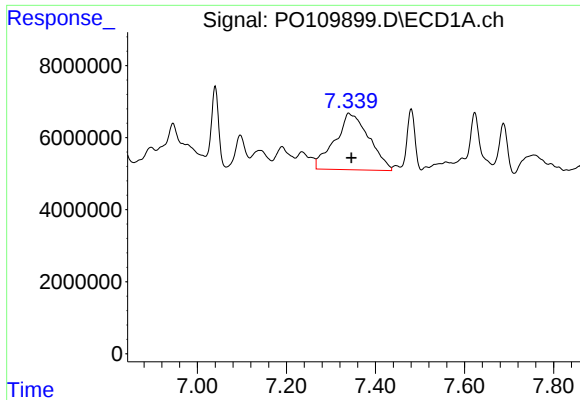
#36 AR-1262-1

R.T.: 6.836 min
Delta R.T.: -0.009 min
Response: 4162859
Conc: 6.25 ng/ml



#36 AR-1262-1

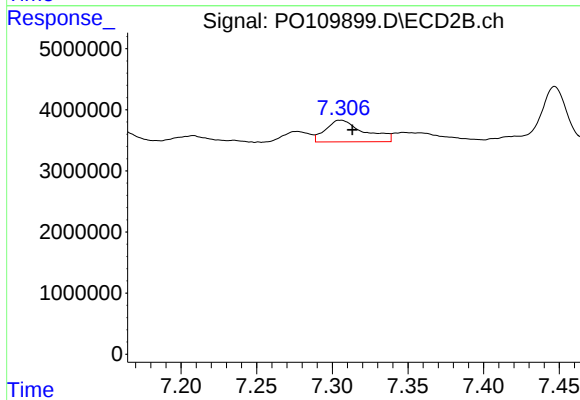
R.T.: 6.807 min
Delta R.T.: -0.007 min
Response: 1985133
Conc: 6.26 ng/ml



#37 AR-1262-2

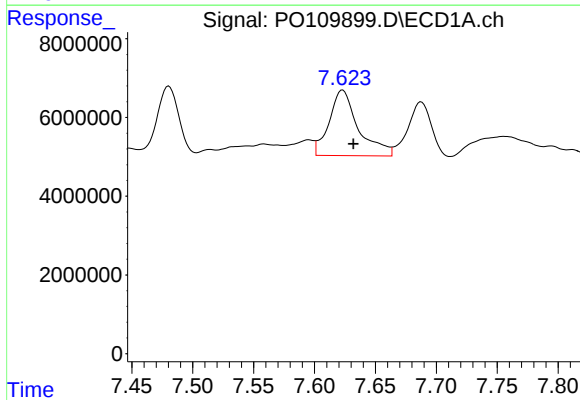
R.T.: 7.340 min
Delta R.T.: -0.006 min
Response: 83590843
Conc: 73.99 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0025



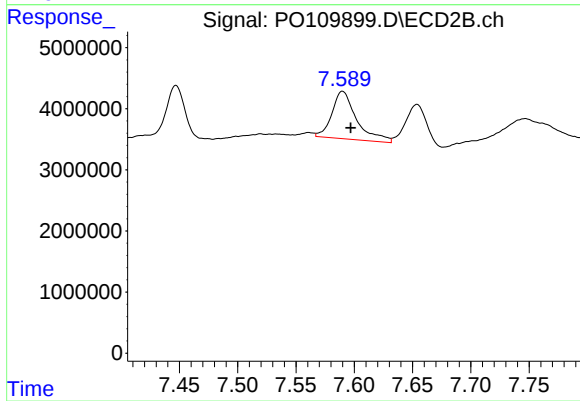
#37 AR-1262-2

R.T.: 7.305 min
Delta R.T.: -0.008 min
Response: 6289412
Conc: 12.61 ng/ml



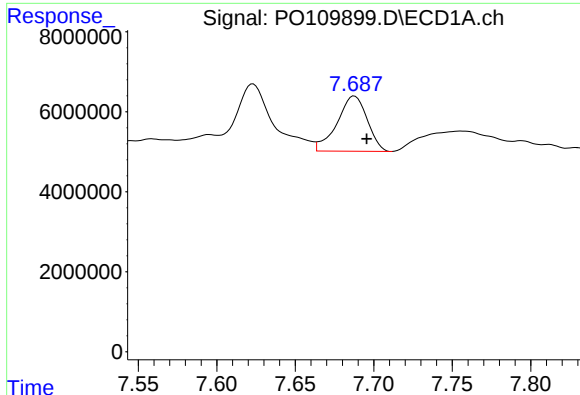
#38 AR-1262-3

R.T.: 7.623 min
Delta R.T.: -0.009 min
Response: 27847976
Conc: 62.12 ng/ml



#38 AR-1262-3

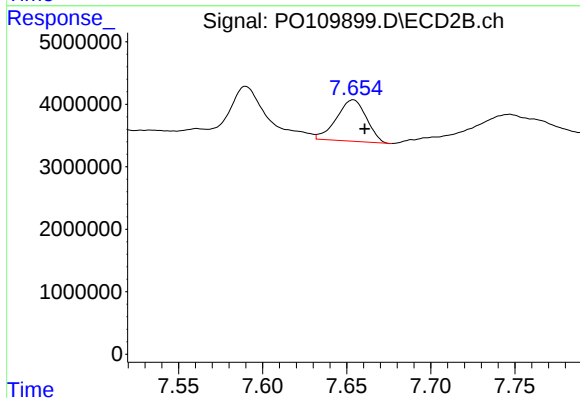
R.T.: 7.590 min
Delta R.T.: -0.007 min
Response: 11456953
Conc: 58.38 ng/ml



#39 AR-1262-4

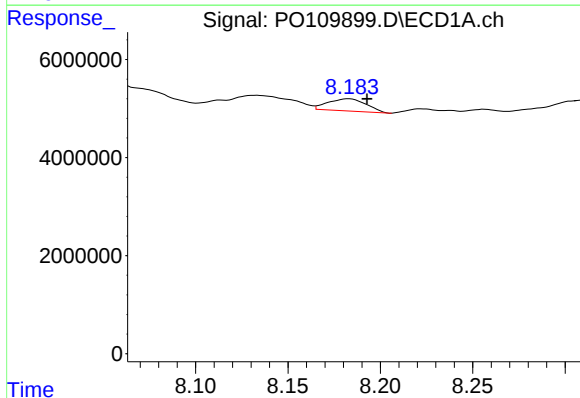
R.T.: 7.688 min
Delta R.T.: -0.008 min
Response: 18445153
Conc: 22.24 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0025



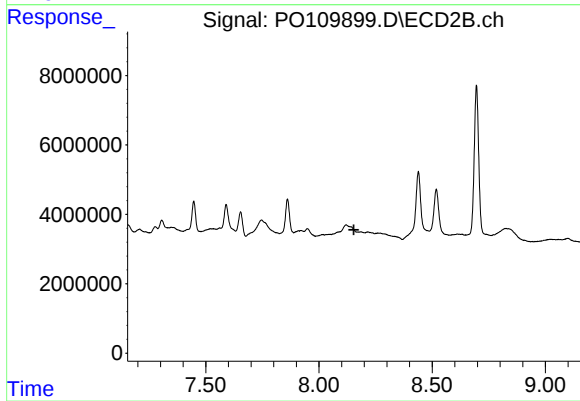
#39 AR-1262-4

R.T.: 7.654 min
Delta R.T.: -0.007 min
Response: 8192806
Conc: 23.09 ng/ml



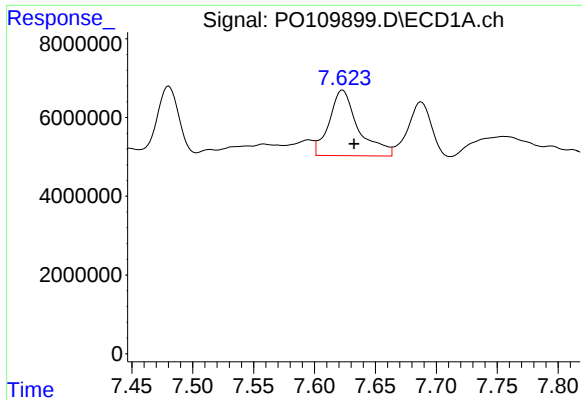
#40 AR-1262-5

R.T.: 8.183 min
Delta R.T.: -0.010 min
Response: 3581384
Conc: 9.59 ng/ml



#40 AR-1262-5

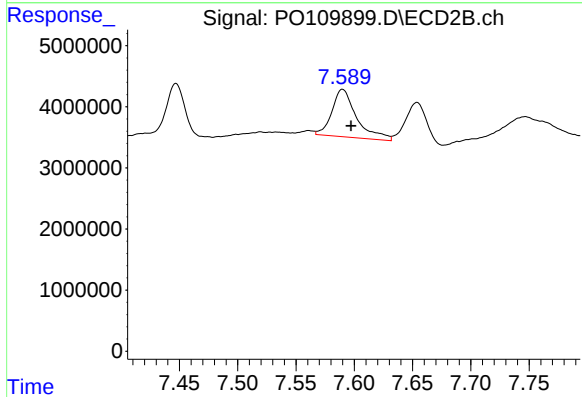
R.T.: 8.183 min
Delta R.T.: 0.029 min
Response: -25887
Conc: N.D.



#41 AR-1268-1

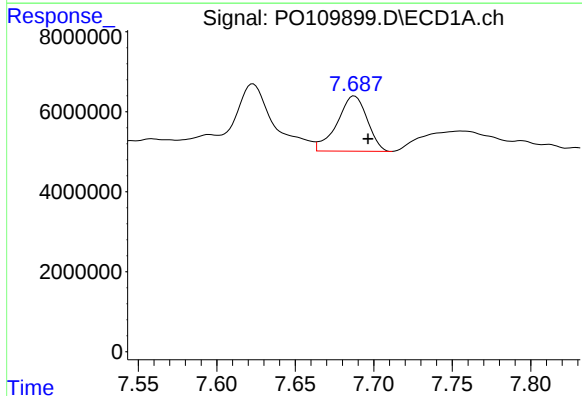
R.T.: 7.623 min
Delta R.T.: -0.009 min
Response: 27847976
Conc: 21.03 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0025



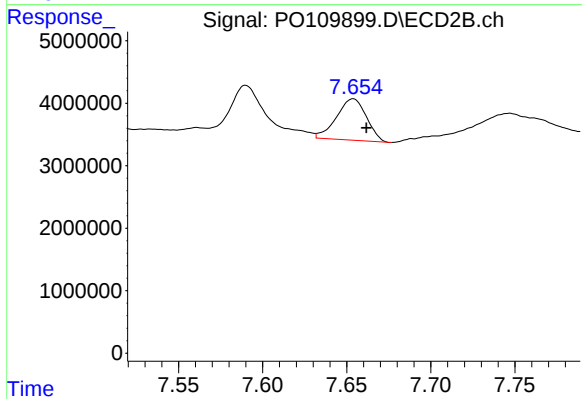
#41 AR-1268-1

R.T.: 7.590 min
Delta R.T.: -0.007 min
Response: 11456953
Conc: 20.05 ng/ml



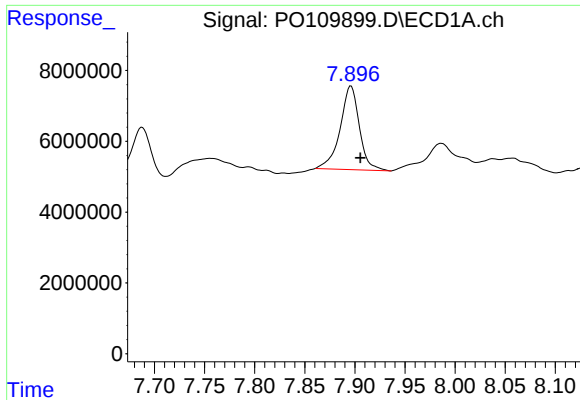
#42 AR-1268-2

R.T.: 7.688 min
Delta R.T.: -0.009 min
Response: 18445153
Conc: 15.26 ng/ml



#42 AR-1268-2

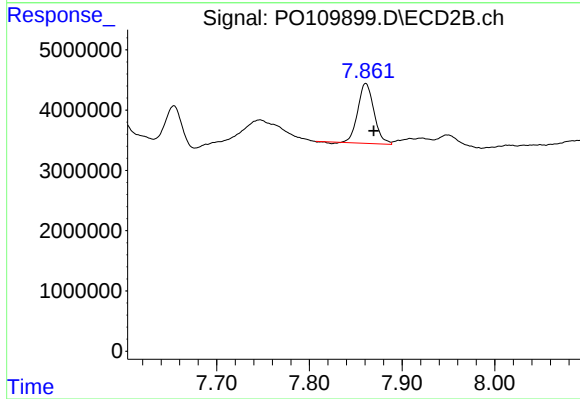
R.T.: 7.654 min
Delta R.T.: -0.008 min
Response: 8192806
Conc: 15.61 ng/ml



#43 AR-1268-3

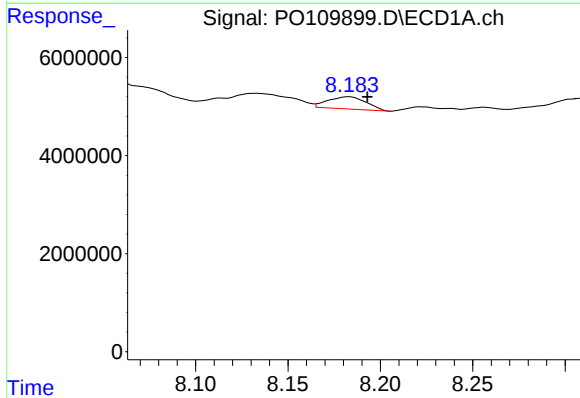
R.T.: 7.896 min
Delta R.T.: -0.009 min
Response: 31551569
Conc: 30.99 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0025



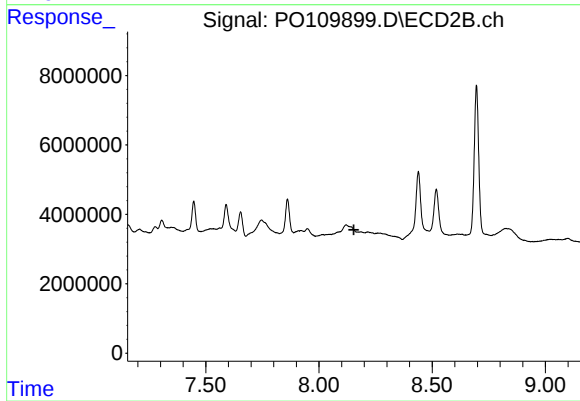
#43 AR-1268-3

R.T.: 7.861 min
Delta R.T.: -0.009 min
Response: 11999451
Conc: 28.03 ng/ml



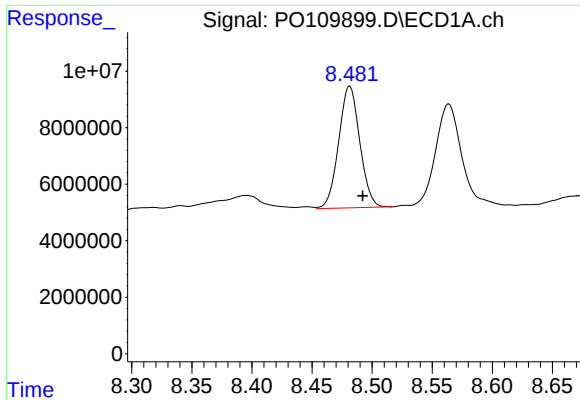
#44 AR-1268-4

R.T.: 8.183 min
Delta R.T.: -0.010 min
Response: 3581384
Conc: 8.43 ng/ml



#44 AR-1268-4

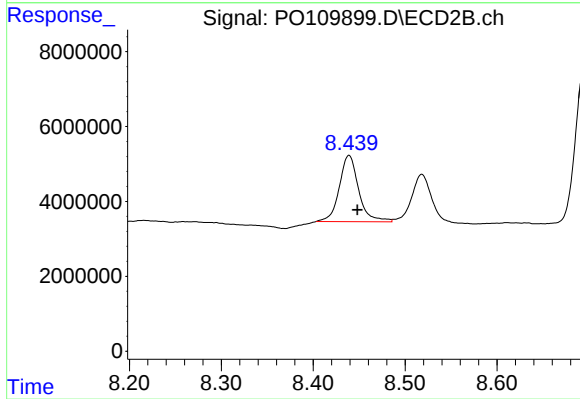
R.T.: 8.183 min
Delta R.T.: 0.029 min
Response: -25887
Conc: N.D.



#45 AR-1268-5

R.T.: 8.482 min
Delta R.T.: -0.011 min
Response: 52531731
Conc: 17.40 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0025



#45 AR-1268-5

R.T.: 8.439 min
Delta R.T.: -0.009 min
Response: 25929897
Conc: 23.72 ng/ml