

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0072222\
 Data File : P0088267.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Jul 2022 14:27
 Operator : YP/AJ
 Sample : N3832-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 22 15:47:08 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0071422.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Jul 15 03:57:23 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...	4.446	3.606	39285329	13939115	15.399	14.774
2)	SA Decachlor...	10.290	8.601	20675978	10163368	9.736	9.725
Target Compounds							
3)	L1 AR-1016-1	5.621	4.681	1352699	534173	15.424	14.846
4)	L1 AR-1016-2	5.643	4.700	3042401	1066987	24.249	20.882
5)	L1 AR-1016-3	5.708	4.876	905352	933983	11.672	33.643 #
6)	L1 AR-1016-4	5.805	4.919	1661623	985223	26.943	42.354 #
7)	L1 AR-1016-5	6.101	5.129	1080760	553353	17.414	18.697
8)	L2 AR-1221-1	4.655	3.807	4594733	934262	151.851	89.304 #
9)	L2 AR-1221-2	4.755	3.884	7716568	2216662	348.130	279.502
10)	L2 AR-1221-3	4.834	3.976	8525037	581115	123.707	22.682 #
11)	L3 AR-1232-1	4.834	3.976	8525037	581115	164.052	30.038 #
12)	L3 AR-1232-2	5.157	4.700	14421613	1066987	562.533	54.103 #
13)	L3 AR-1232-3	5.643	4.876	3042401	933983	63.267	91.723 #
14)	L3 AR-1232-4	5.805	4.961	1661623	798337	71.449	82.184
15)	L3 AR-1232-5	5.899	5.129	3221551	553353	165.810	50.878 #
16)	L4 AR-1242-1	5.621	4.681	1352699	534173	19.814	18.361
17)	L4 AR-1242-2	5.643	4.700	3042401	1066987	31.408	26.344
18)	L4 AR-1242-3	5.708	4.876	905352	933983	14.922	42.270 #
19)	L4 AR-1242-4	5.805	4.961	1661623	798337	34.497	34.144
20)	L4 AR-1242-5	6.549	5.484	3465477	2126799	65.804	79.356
21)	L5 AR-1248-1	5.621	4.681	1352699	534173	25.318	23.320
22)	L5 AR-1248-2	5.899	4.919	3221551	985223	41.461	29.207 #
23)	L5 AR-1248-3	6.101	4.961	1080760	798337	12.911	22.972 #
24)	L5 AR-1248-4	6.509	5.129	1881625	553353	20.473	13.218 #
25)	L5 AR-1248-5	6.549	5.525	3465477	410113	38.533	11.383 #
26)	L6 AR-1254-1	6.481	5.484	4699082	2126799	49.561	36.888 #
27)	L6 AR-1254-2	6.700	5.629	8797440	1828691	61.281	35.664 #
28)	L6 AR-1254-3	7.076	6.050	10057222	5847061	68.661	72.053
29)	L6 AR-1254-4	7.356	6.261	3378292	1076387	31.215	21.582 #
30)	L6 AR-1254-5	7.776	6.679	12911739	5594839	107.282	74.079 #
31)	L7 AR-1260-1	7.235	6.163	8554194	4404945	73.517	81.275
32)	L7 AR-1260-2	7.484	6.352	21625078	5026705	160.051	77.415 #
33)	L7 AR-1260-3	7.853	6.504	4788256	3729126	52.302	59.952
34)	L7 AR-1260-4	8.079	6.976	6081149	2378513	56.295	50.285
35)	L7 AR-1260-5	8.409	7.219	10353331	5580728	50.454	48.775
36)	L8 AR-1262-1	7.853	6.773	4788256	1968452	34.857	64.945 #
37)	L8 AR-1262-2	8.409	7.219	10353331	5580728	43.994	41.534
38)	L8 AR-1262-3	8.743	7.502	6798380	1561022	41.018	28.624 #
39)	L8 AR-1262-4	8.824	7.565	2583343	5015025	30.945	49.573 #
40)	L8 AR-1262-5	9.503	8.060	3685850	1635018	41.358	33.290
41)	L9 AR-1268-1	8.743	7.502	6798380	1561022	24.038	9.852 #

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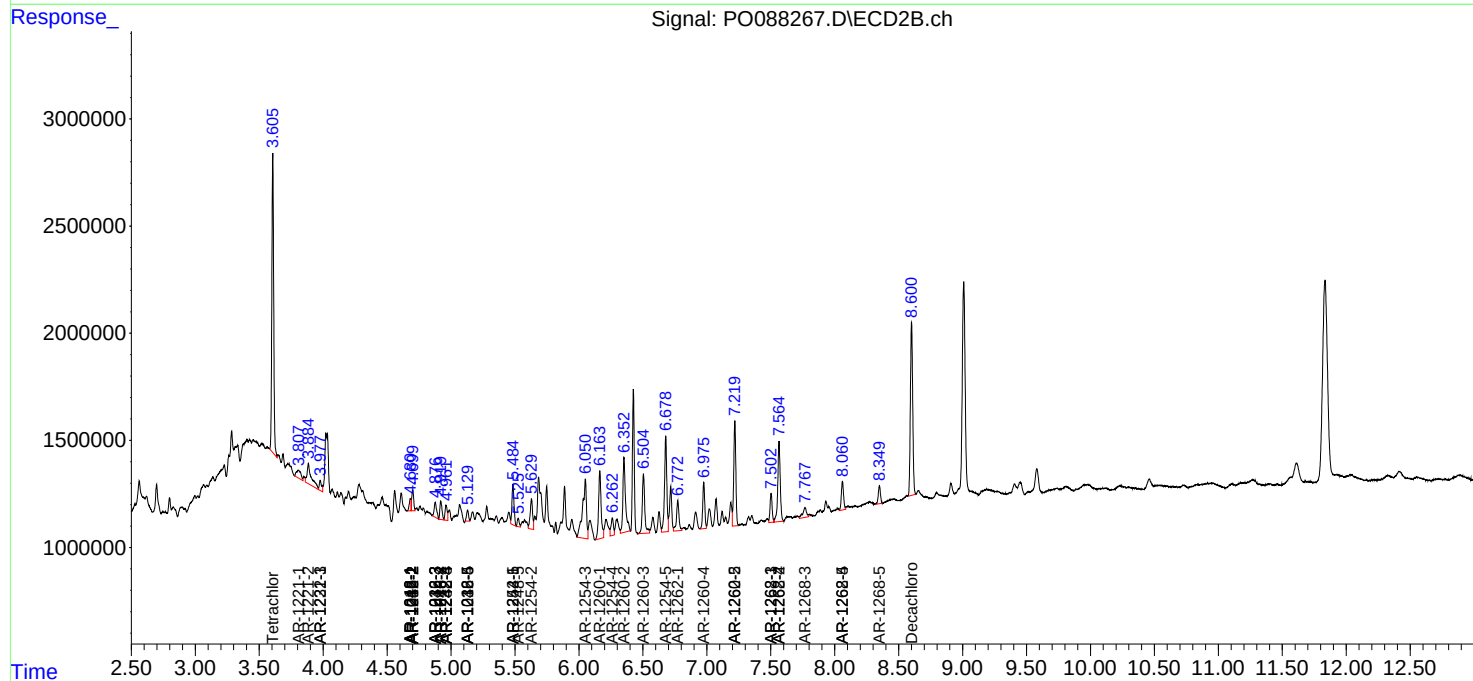
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

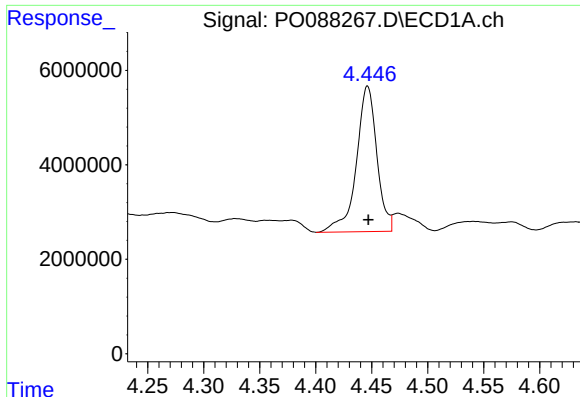
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.824	7.565	2583343	5015025	9.936	34.865 #
43) L9	AR-1268-3	9.062	7.767	621271	965509	2.775	7.752 #
44) L9	AR-1268-4	9.503	8.060	3685850	1635018	37.593	30.477
45) L9	AR-1268-5	9.932	8.350	2972097	985945	4.091	2.550 #

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

Instrument :
ECD_O
ClientSampleId :

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

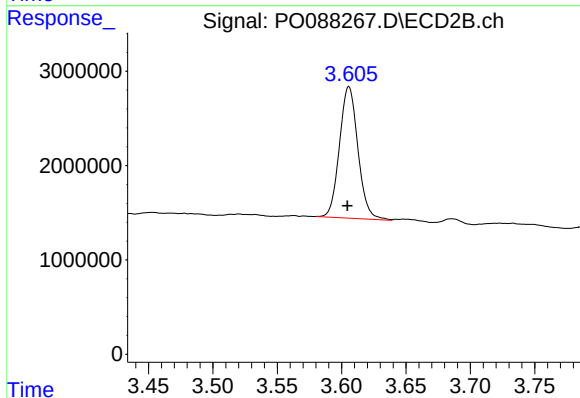




#1 Tetrachloro-m-xylene

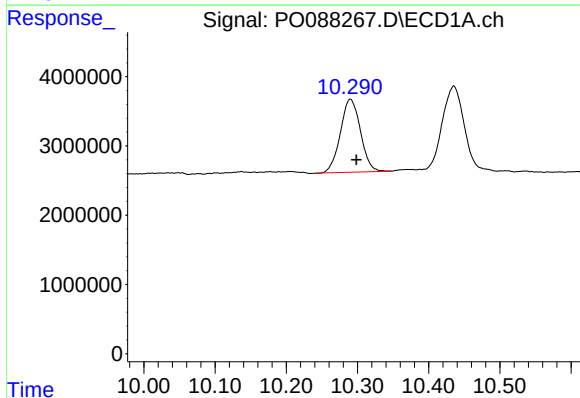
R.T.: 4.446 min
Delta R.T.: 0.000 min
Response: 39285329
Conc: 15.40 ng/ml

Instrument :
ECD_O
ClientSampleId :



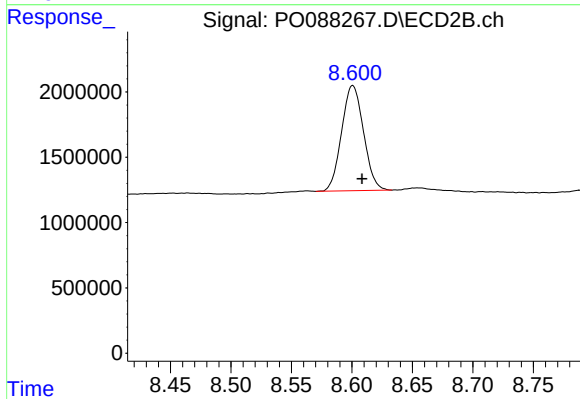
#1 Tetrachloro-m-xylene

R.T.: 3.606 min
Delta R.T.: 0.001 min
Response: 13939115
Conc: 14.77 ng/ml



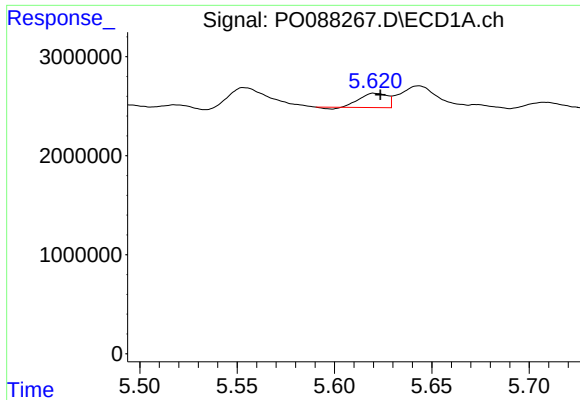
#2 Decachlorobiphenyl

R.T.: 10.290 min
Delta R.T.: -0.008 min
Response: 20675978
Conc: 9.74 ng/ml



#2 Decachlorobiphenyl

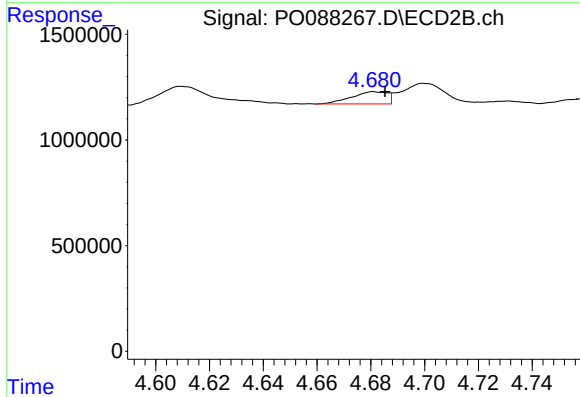
R.T.: 8.601 min
Delta R.T.: -0.008 min
Response: 10163368
Conc: 9.73 ng/ml



#3 AR-1016-1

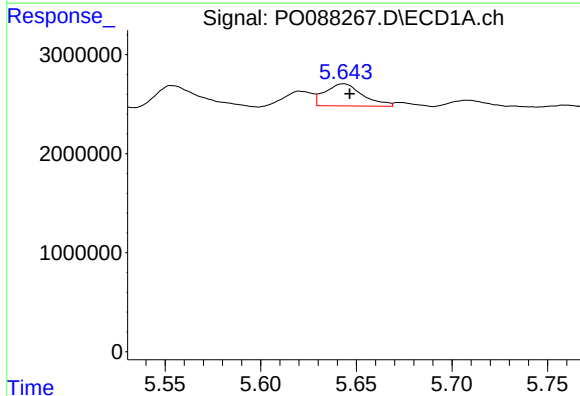
R.T.: 5.621 min
Delta R.T.: -0.003 min
Response: 1352699
Conc: 15.42 ng/ml

Instrument :
ECD_O
ClientSampleId :



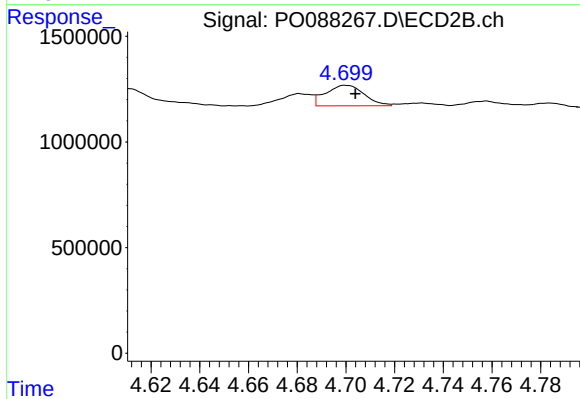
#3 AR-1016-1

R.T.: 4.681 min
Delta R.T.: -0.004 min
Response: 534173
Conc: 14.85 ng/ml



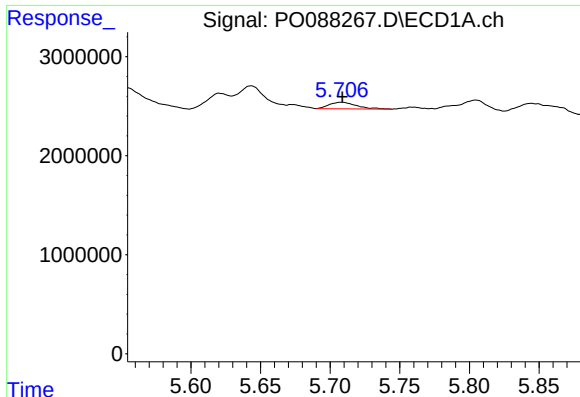
#4 AR-1016-2

R.T.: 5.643 min
Delta R.T.: -0.003 min
Response: 3042401
Conc: 24.25 ng/ml



#4 AR-1016-2

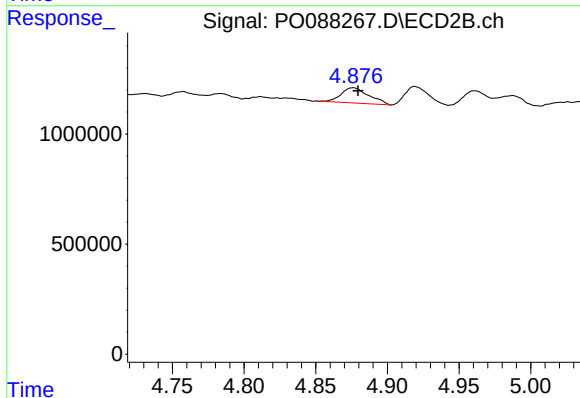
R.T.: 4.700 min
Delta R.T.: -0.004 min
Response: 1066987
Conc: 20.88 ng/ml



#5 AR-1016-3

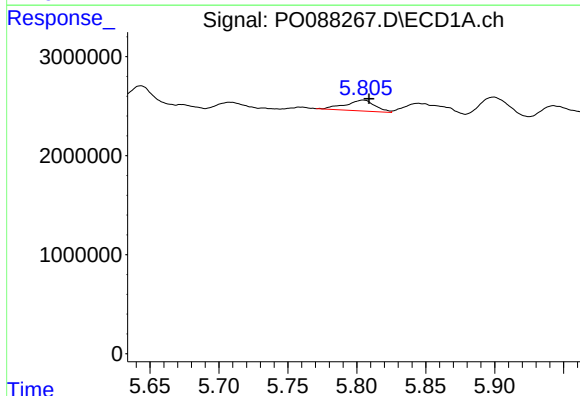
R.T.: 5.708 min
Delta R.T.: 0.000 min
Response: 905352
Conc: 11.67 ng/ml

Instrument :
ECD_O
ClientSampleId :



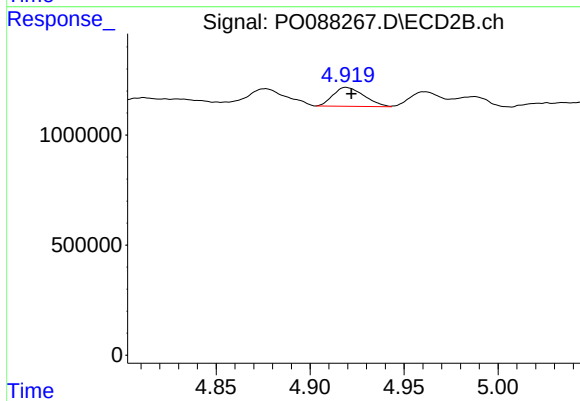
#5 AR-1016-3

R.T.: 4.876 min
Delta R.T.: -0.003 min
Response: 933983
Conc: 33.64 ng/ml



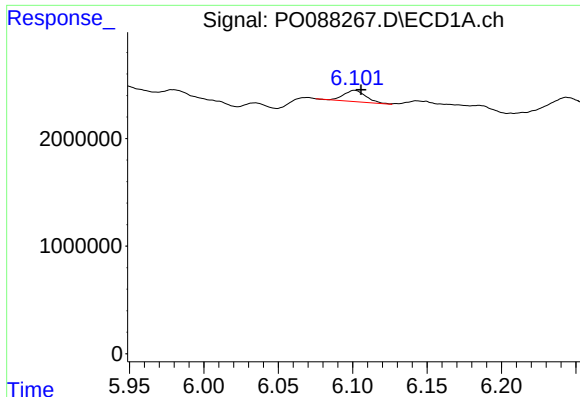
#6 AR-1016-4

R.T.: 5.805 min
Delta R.T.: -0.004 min
Response: 1661623
Conc: 26.94 ng/ml



#6 AR-1016-4

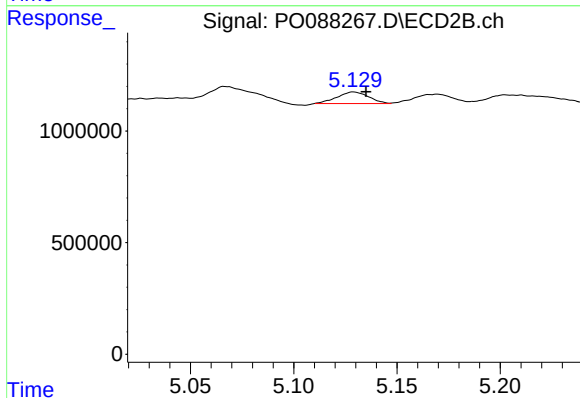
R.T.: 4.919 min
Delta R.T.: -0.003 min
Response: 985223
Conc: 42.35 ng/ml



#7 AR-1016-5

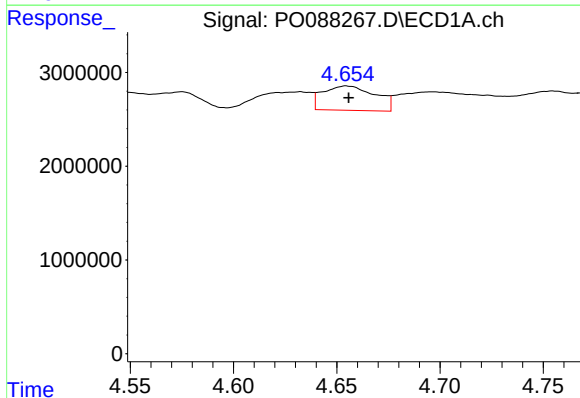
R.T.: 6.101 min
Delta R.T.: -0.004 min
Response: 1080760
Conc: 17.41 ng/ml

Instrument :
ECD_O
ClientSampleId :



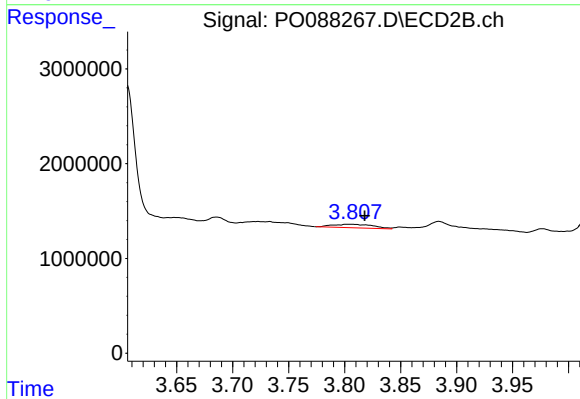
#7 AR-1016-5

R.T.: 5.129 min
Delta R.T.: -0.006 min
Response: 553353
Conc: 18.70 ng/ml



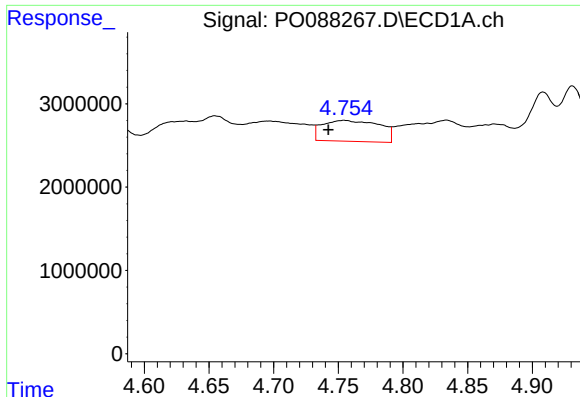
#8 AR-1221-1

R.T.: 4.655 min
Delta R.T.: -0.001 min
Response: 4594733
Conc: 151.85 ng/ml



#8 AR-1221-1

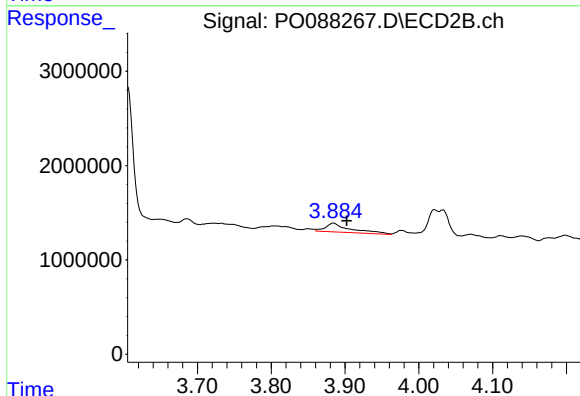
R.T.: 3.807 min
Delta R.T.: -0.011 min
Response: 934262
Conc: 89.30 ng/ml



#9 AR-1221-2

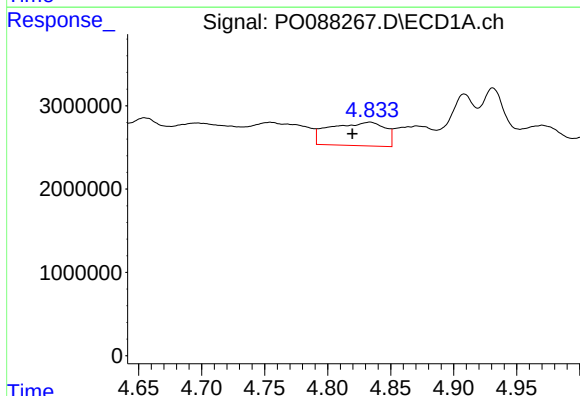
R.T.: 4.755 min
Delta R.T.: 0.012 min
Response: 7716568
Conc: 348.13 ng/ml

Instrument :
ECD_O
ClientSampleId :



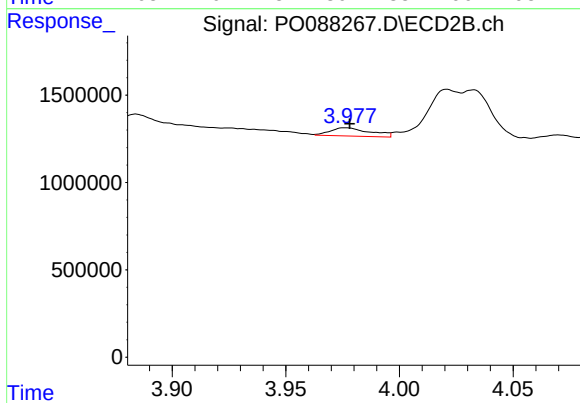
#9 AR-1221-2

R.T.: 3.884 min
Delta R.T.: -0.018 min
Response: 2216662
Conc: 279.50 ng/ml



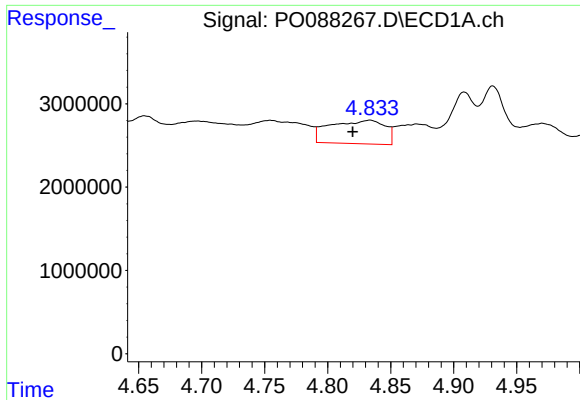
#10 AR-1221-3

R.T.: 4.834 min
Delta R.T.: 0.014 min
Response: 8525037
Conc: 123.71 ng/ml



#10 AR-1221-3

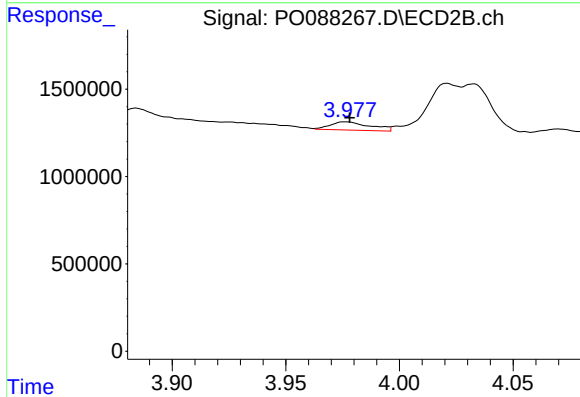
R.T.: 3.976 min
Delta R.T.: -0.002 min
Response: 581115
Conc: 22.68 ng/ml



#11 AR-1232-1

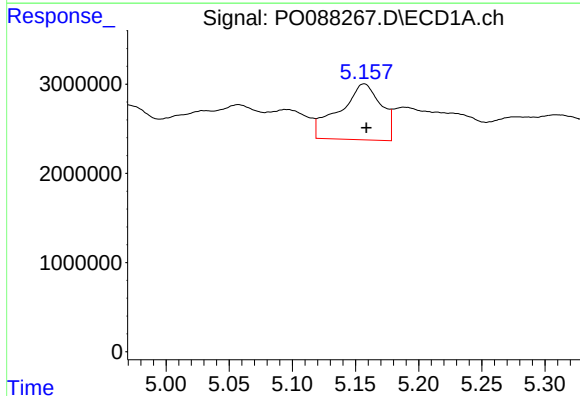
R.T.: 4.834 min
Delta R.T.: 0.014 min
Response: 8525037
Conc: 164.05 ng/ml

Instrument :
ECD_O
ClientSampleId :



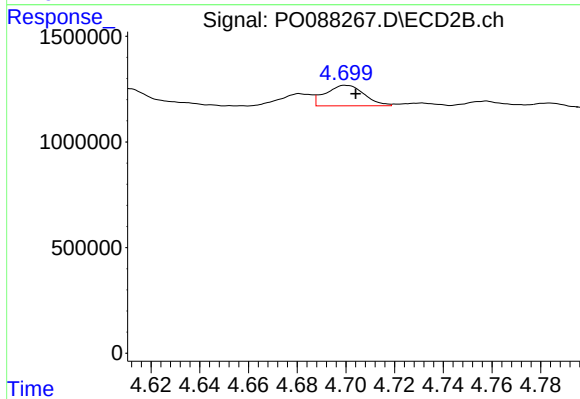
#11 AR-1232-1

R.T.: 3.976 min
Delta R.T.: -0.002 min
Response: 581115
Conc: 30.04 ng/ml



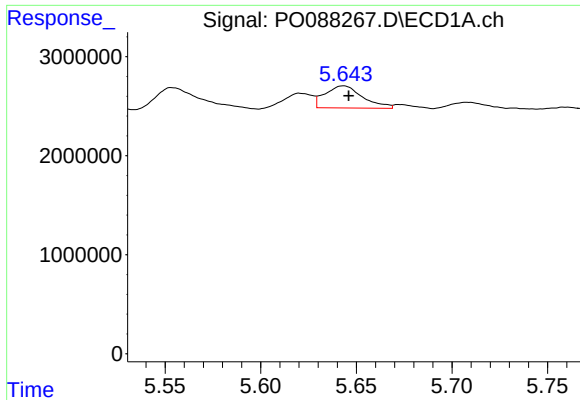
#12 AR-1232-2

R.T.: 5.157 min
Delta R.T.: -0.002 min
Response: 14421613
Conc: 562.53 ng/ml



#12 AR-1232-2

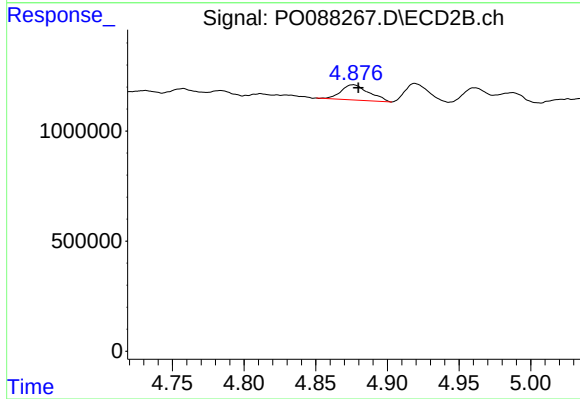
R.T.: 4.700 min
Delta R.T.: -0.004 min
Response: 1066987
Conc: 54.10 ng/ml



#13 AR-1232-3

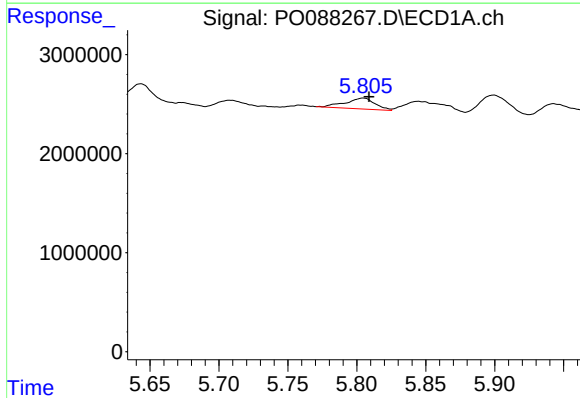
R.T.: 5.643 min
Delta R.T.: -0.003 min
Response: 3042401
Conc: 63.27 ng/ml

Instrument :
ECD_O
ClientSampleId :



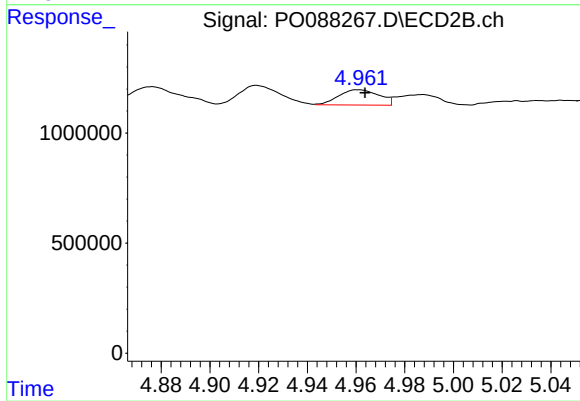
#13 AR-1232-3

R.T.: 4.876 min
Delta R.T.: -0.004 min
Response: 933983
Conc: 91.72 ng/ml



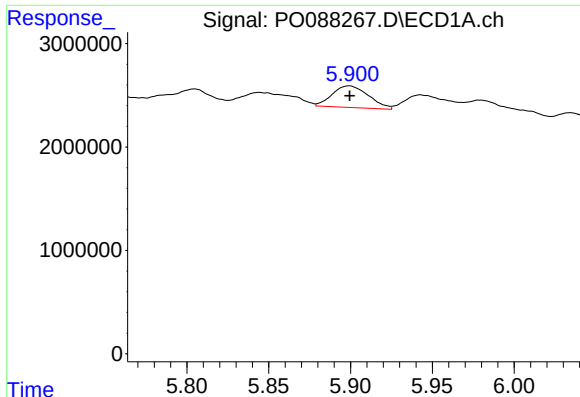
#14 AR-1232-4

R.T.: 5.805 min
Delta R.T.: -0.004 min
Response: 1661623
Conc: 71.45 ng/ml



#14 AR-1232-4

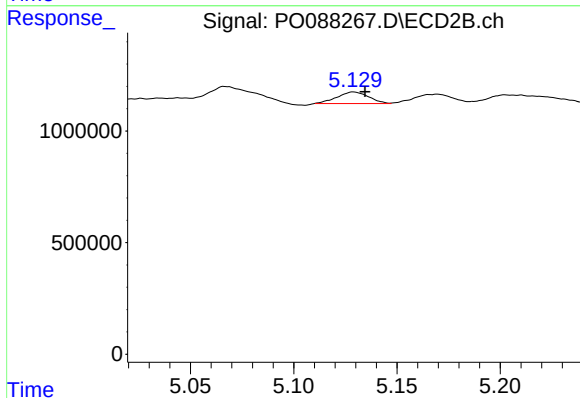
R.T.: 4.961 min
Delta R.T.: -0.003 min
Response: 798337
Conc: 82.18 ng/ml



#15 AR-1232-5

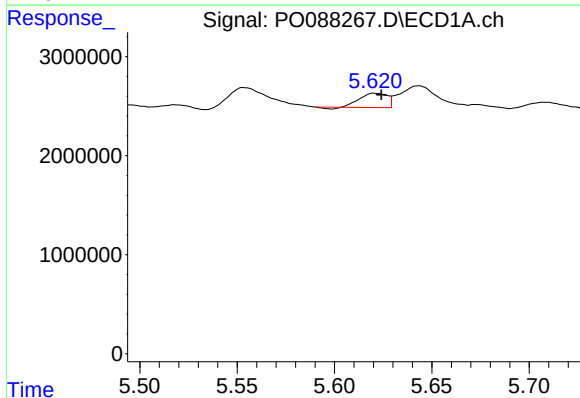
R.T.: 5.899 min
Delta R.T.: 0.000 min
Response: 3221551
Conc: 165.81 ng/ml

Instrument :
ECD_O
ClientSampleId :



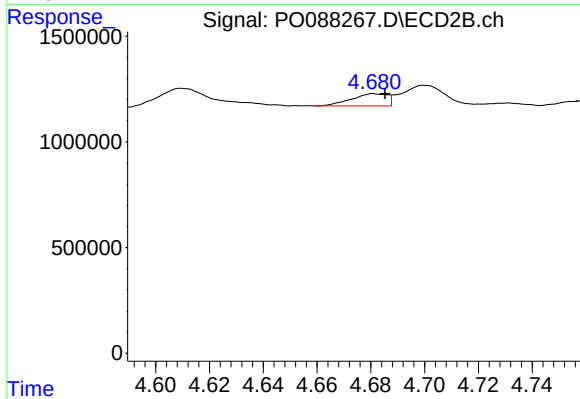
#15 AR-1232-5

R.T.: 5.129 min
Delta R.T.: -0.005 min
Response: 553353
Conc: 50.88 ng/ml



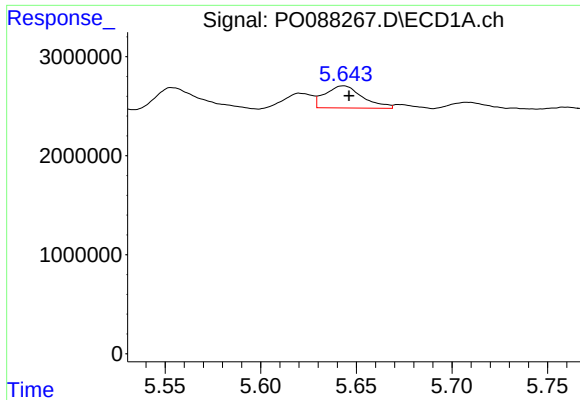
#16 AR-1242-1

R.T.: 5.621 min
Delta R.T.: -0.003 min
Response: 1352699
Conc: 19.81 ng/ml



#16 AR-1242-1

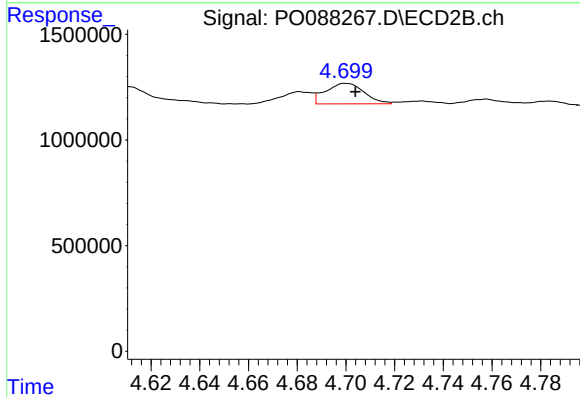
R.T.: 4.681 min
Delta R.T.: -0.004 min
Response: 534173
Conc: 18.36 ng/ml



#17 AR-1242-2

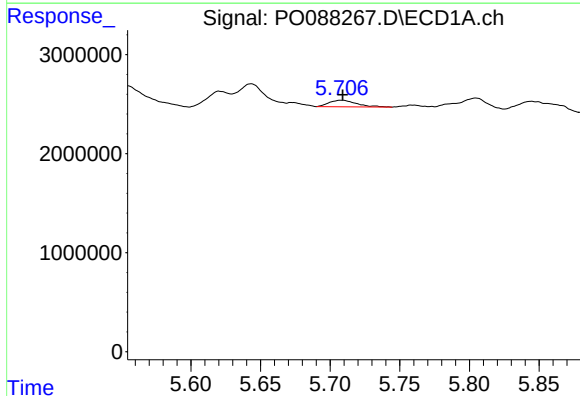
R.T.: 5.643 min
Delta R.T.: -0.003 min
Response: 3042401
Conc: 31.41 ng/ml

Instrument :
ECD_O
ClientSampleId :



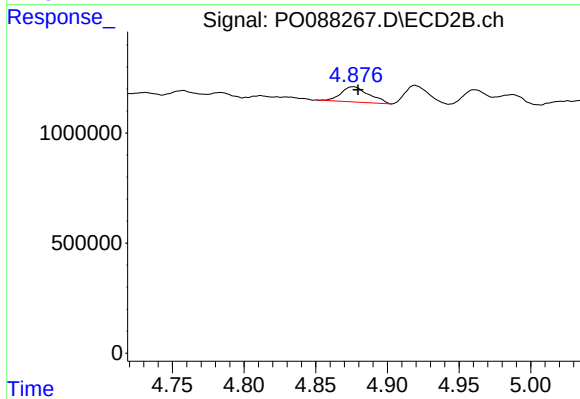
#17 AR-1242-2

R.T.: 4.700 min
Delta R.T.: -0.004 min
Response: 1066987
Conc: 26.34 ng/ml



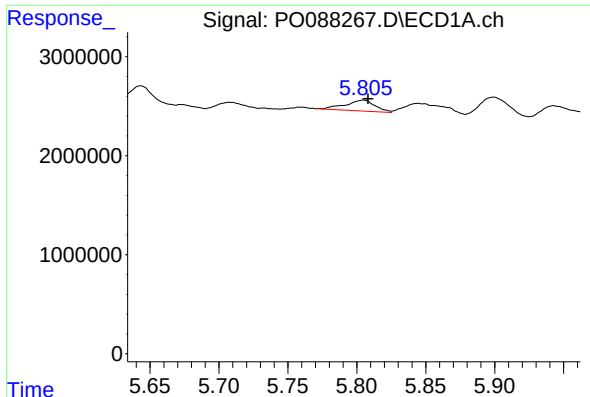
#18 AR-1242-3

R.T.: 5.708 min
Delta R.T.: -0.001 min
Response: 905352
Conc: 14.92 ng/ml



#18 AR-1242-3

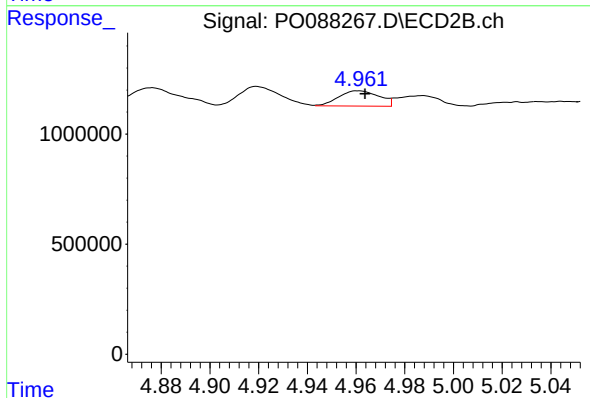
R.T.: 4.876 min
Delta R.T.: -0.003 min
Response: 933983
Conc: 42.27 ng/ml



#19 AR-1242-4

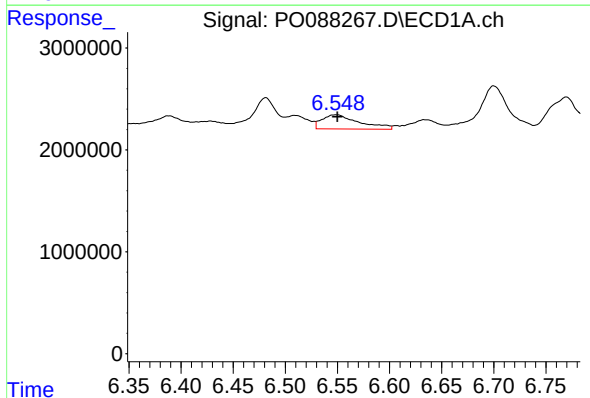
R.T.: 5.805 min
Delta R.T.: -0.003 min
Response: 1661623
Conc: 34.50 ng/ml

Instrument :
ECD_O
ClientSampleId :



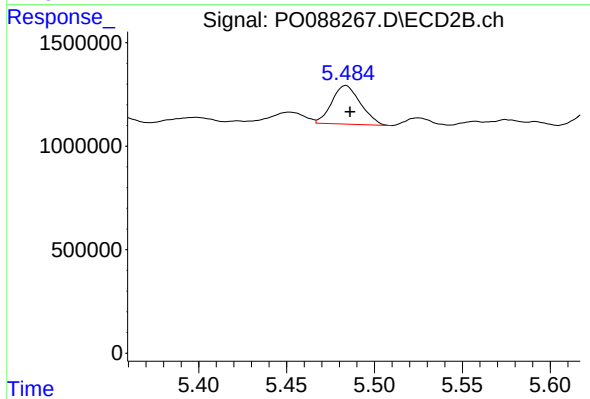
#19 AR-1242-4

R.T.: 4.961 min
Delta R.T.: -0.003 min
Response: 798337
Conc: 34.14 ng/ml



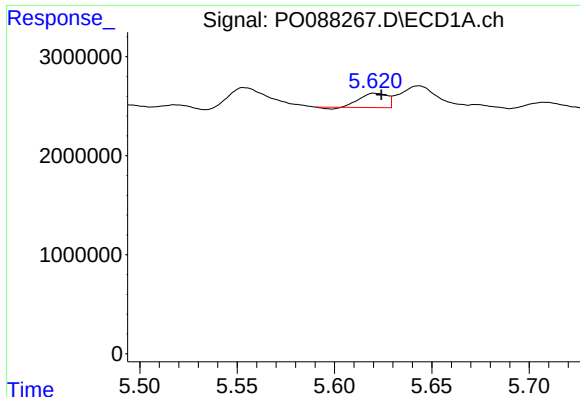
#20 AR-1242-5

R.T.: 6.549 min
Delta R.T.: 0.000 min
Response: 3465477
Conc: 65.80 ng/ml



#20 AR-1242-5

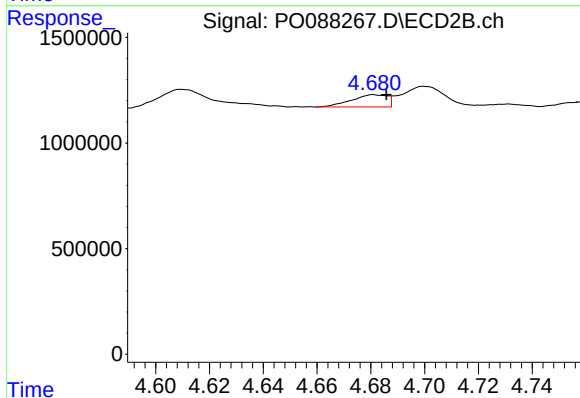
R.T.: 5.484 min
Delta R.T.: -0.002 min
Response: 2126799
Conc: 79.36 ng/ml



#21 AR-1248-1

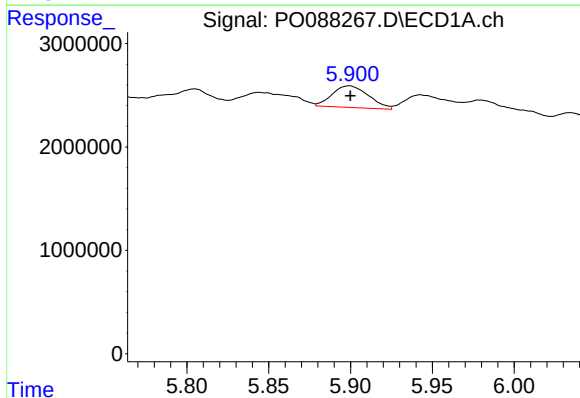
R.T.: 5.621 min
Delta R.T.: -0.004 min
Response: 1352699
Conc: 25.32 ng/ml

Instrument :
ECD_O
ClientSampleId :



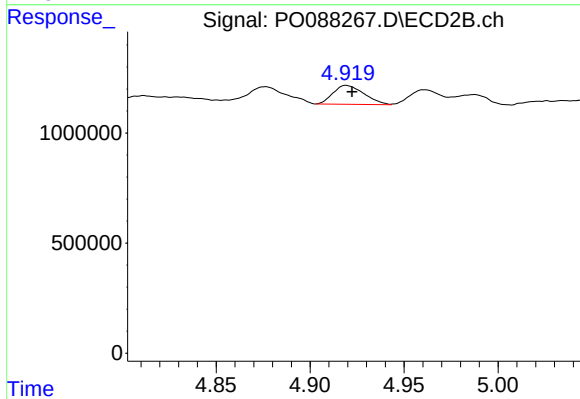
#21 AR-1248-1

R.T.: 4.681 min
Delta R.T.: -0.005 min
Response: 534173
Conc: 23.32 ng/ml



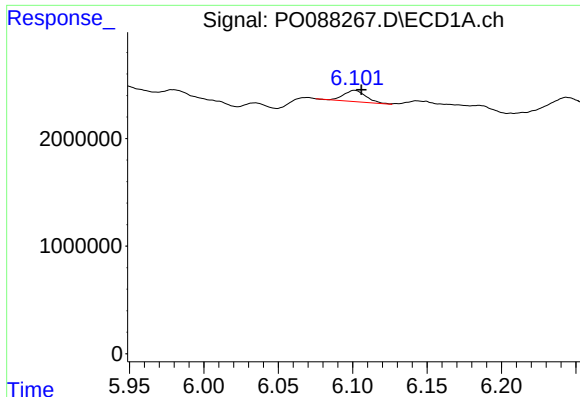
#22 AR-1248-2

R.T.: 5.899 min
Delta R.T.: 0.000 min
Response: 3221551
Conc: 41.46 ng/ml



#22 AR-1248-2

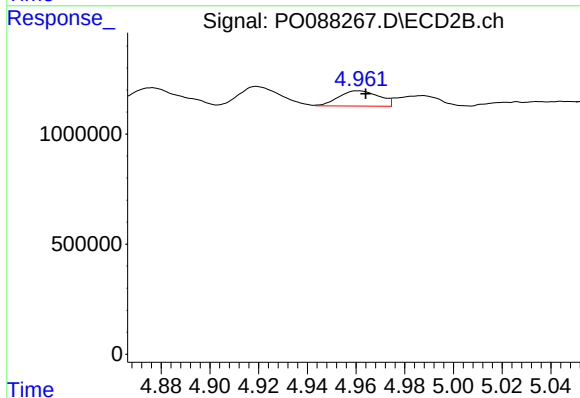
R.T.: 4.919 min
Delta R.T.: -0.003 min
Response: 985223
Conc: 29.21 ng/ml



#23 AR-1248-3

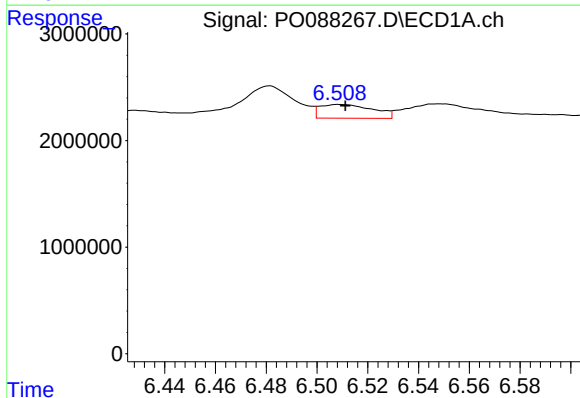
R.T.: 6.101 min
Delta R.T.: -0.005 min
Response: 1080760
Conc: 12.91 ng/ml

Instrument :
ECD_O
ClientSampleId :



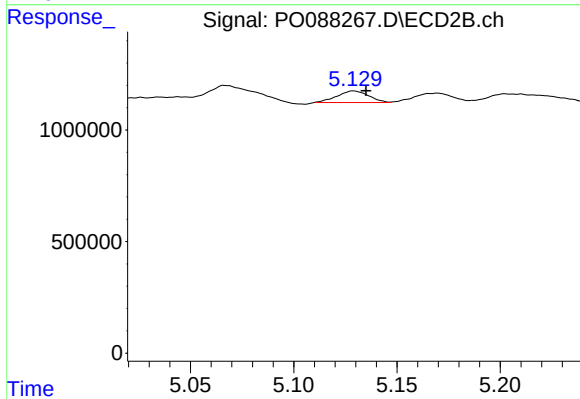
#23 AR-1248-3

R.T.: 4.961 min
Delta R.T.: -0.003 min
Response: 798337
Conc: 22.97 ng/ml



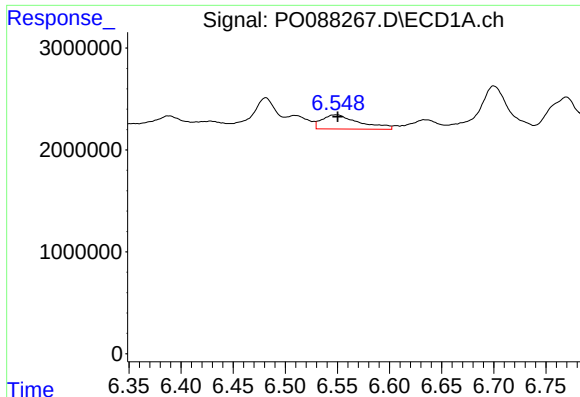
#24 AR-1248-4

R.T.: 6.509 min
Delta R.T.: -0.002 min
Response: 1881625
Conc: 20.47 ng/ml



#24 AR-1248-4

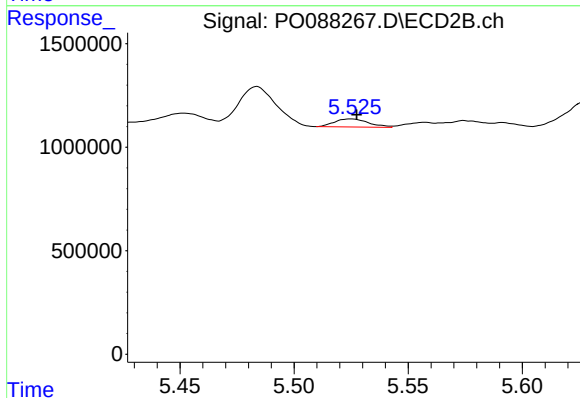
R.T.: 5.129 min
Delta R.T.: -0.006 min
Response: 553353
Conc: 13.22 ng/ml



#25 AR-1248-5

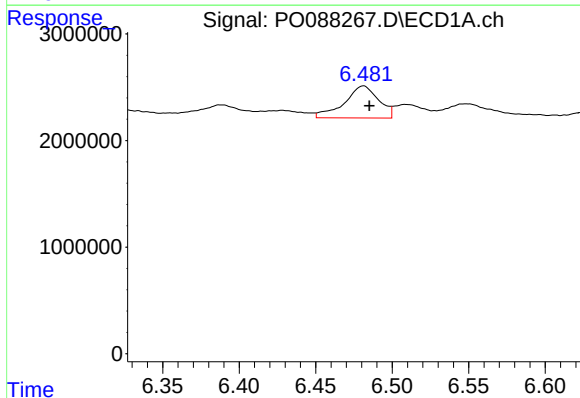
R.T.: 6.549 min
Delta R.T.: -0.001 min
Response: 3465477
Conc: 38.53 ng/ml

Instrument :
ECD_O
ClientSampleId :



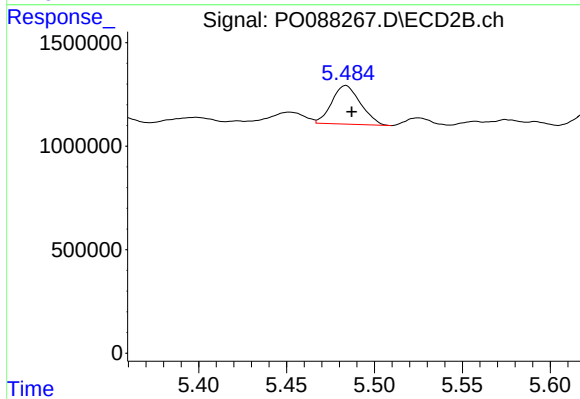
#25 AR-1248-5

R.T.: 5.525 min
Delta R.T.: -0.002 min
Response: 410113
Conc: 11.38 ng/ml



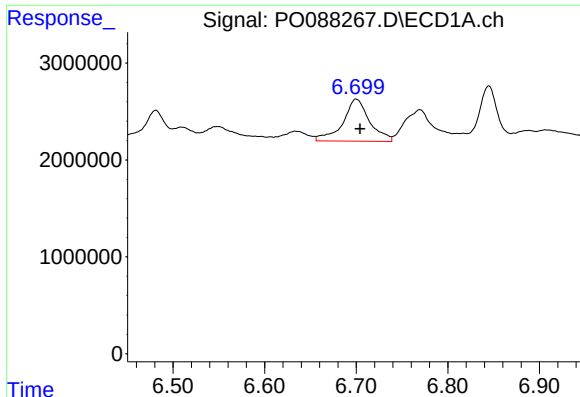
#26 AR-1254-1

R.T.: 6.481 min
Delta R.T.: -0.004 min
Response: 4699082
Conc: 49.56 ng/ml



#26 AR-1254-1

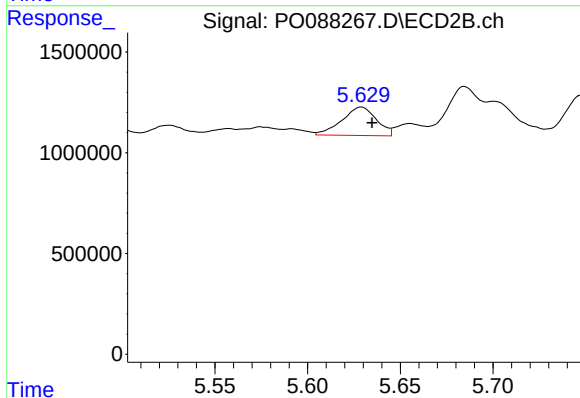
R.T.: 5.484 min
Delta R.T.: -0.003 min
Response: 2126799
Conc: 36.89 ng/ml



#27 AR-1254-2

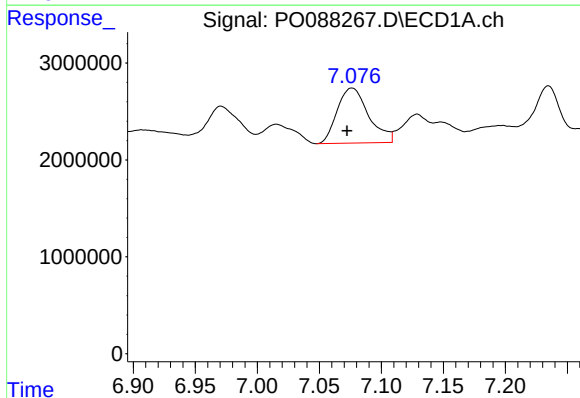
R.T.: 6.700 min
Delta R.T.: -0.004 min
Response: 8797440
Conc: 61.28 ng/ml

Instrument :
ECD_O
ClientSampleId :



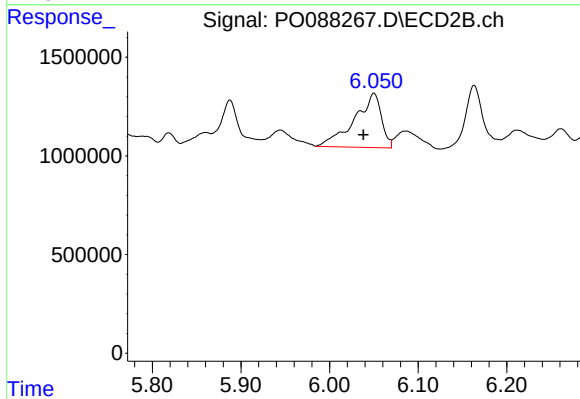
#27 AR-1254-2

R.T.: 5.629 min
Delta R.T.: -0.006 min
Response: 1828691
Conc: 35.66 ng/ml



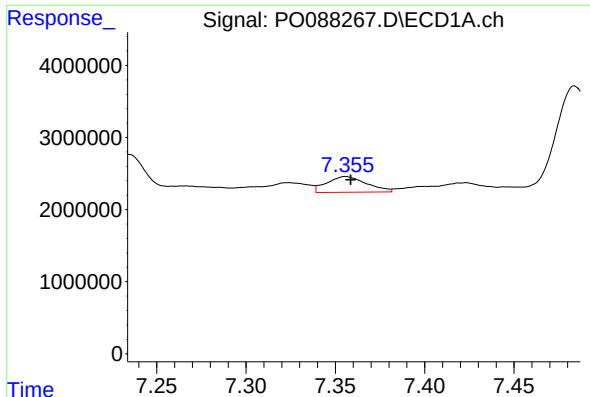
#28 AR-1254-3

R.T.: 7.076 min
Delta R.T.: 0.004 min
Response: 10057222
Conc: 68.66 ng/ml



#28 AR-1254-3

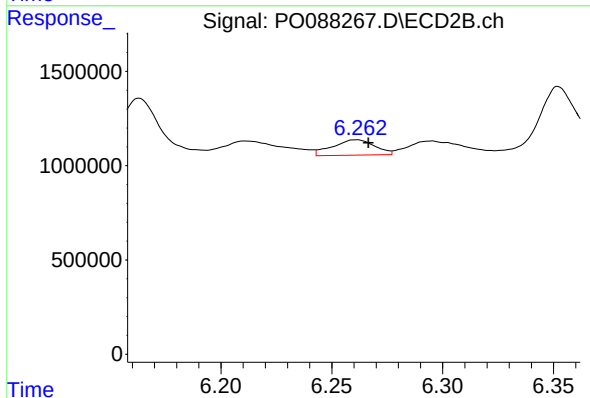
R.T.: 6.050 min
Delta R.T.: 0.012 min
Response: 5847061
Conc: 72.05 ng/ml



#29 AR-1254-4

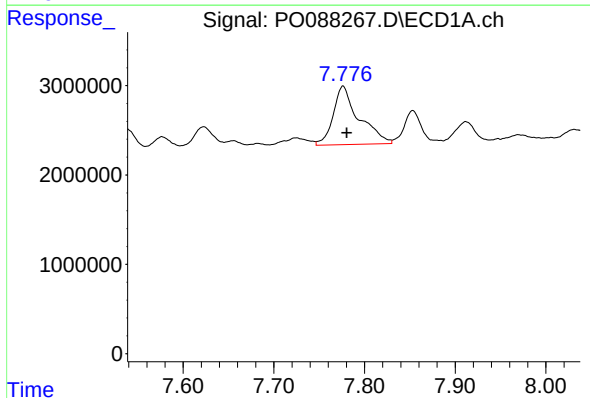
R.T.: 7.356 min
Delta R.T.: -0.003 min
Response: 3378292
Conc: 31.21 ng/ml

Instrument :
ECD_O
ClientSampleId :



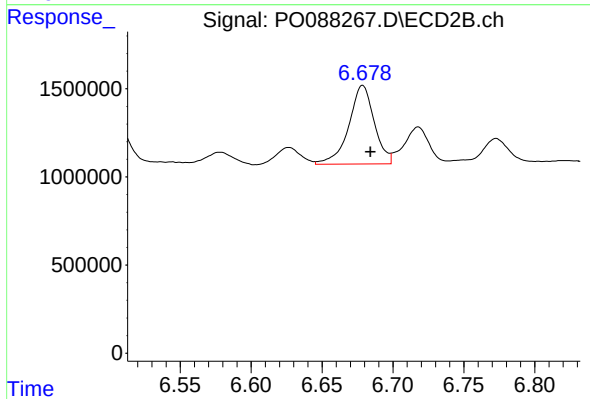
#29 AR-1254-4

R.T.: 6.261 min
Delta R.T.: -0.005 min
Response: 1076387
Conc: 21.58 ng/ml



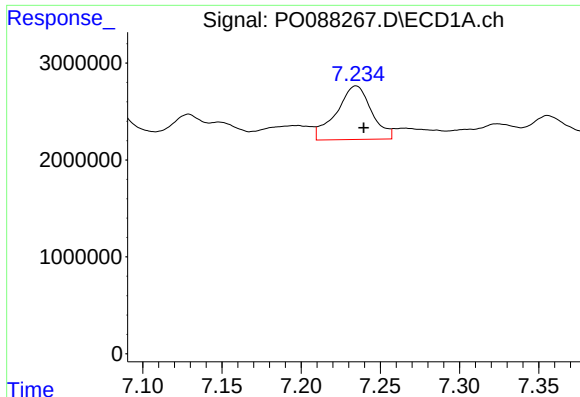
#30 AR-1254-5

R.T.: 7.776 min
Delta R.T.: -0.004 min
Response: 12911739
Conc: 107.28 ng/ml



#30 AR-1254-5

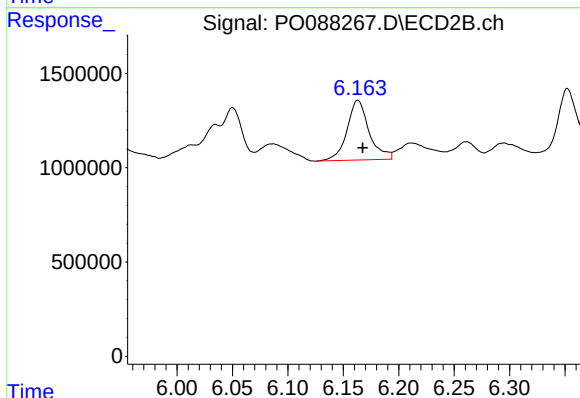
R.T.: 6.679 min
Delta R.T.: -0.005 min
Response: 5594839
Conc: 74.08 ng/ml



#31 AR-1260-1

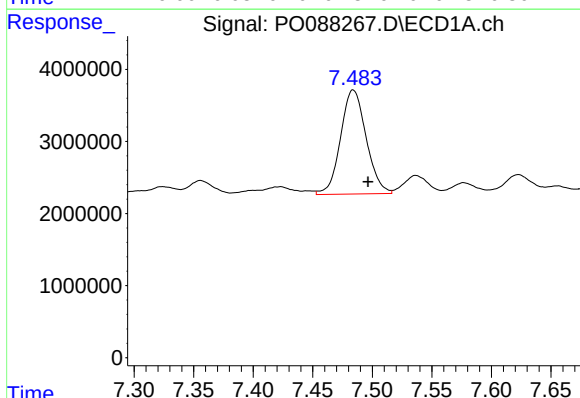
R.T.: 7.235 min
Delta R.T.: -0.005 min
Response: 8554194
Conc: 73.52 ng/ml

Instrument :
ECD_O
ClientSampleId :



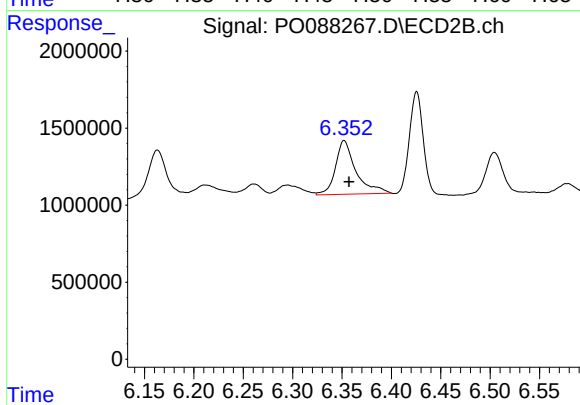
#31 AR-1260-1

R.T.: 6.163 min
Delta R.T.: -0.005 min
Response: 4404945
Conc: 81.27 ng/ml



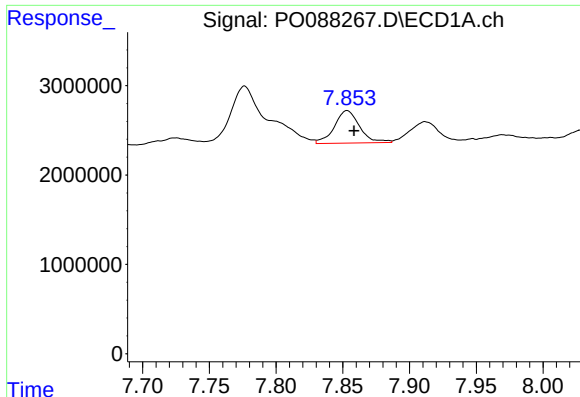
#32 AR-1260-2

R.T.: 7.484 min
Delta R.T.: -0.013 min
Response: 21625078
Conc: 160.05 ng/ml



#32 AR-1260-2

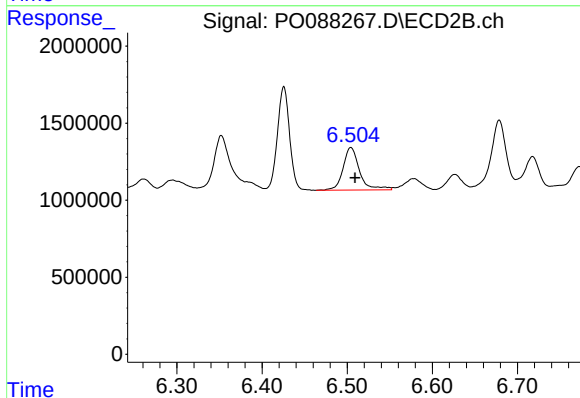
R.T.: 6.352 min
Delta R.T.: -0.005 min
Response: 5026705
Conc: 77.41 ng/ml



#33 AR-1260-3

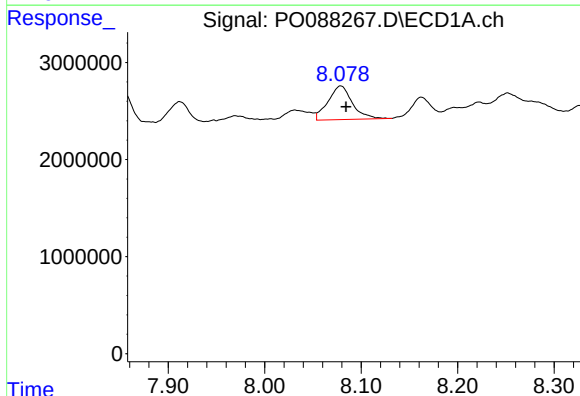
R.T.: 7.853 min
Delta R.T.: -0.005 min
Response: 4788256
Conc: 52.30 ng/ml

Instrument :
ECD_O
ClientSampleId :



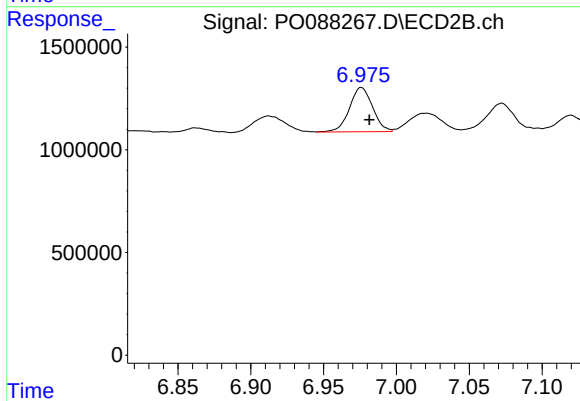
#33 AR-1260-3

R.T.: 6.504 min
Delta R.T.: -0.005 min
Response: 3729126
Conc: 59.95 ng/ml



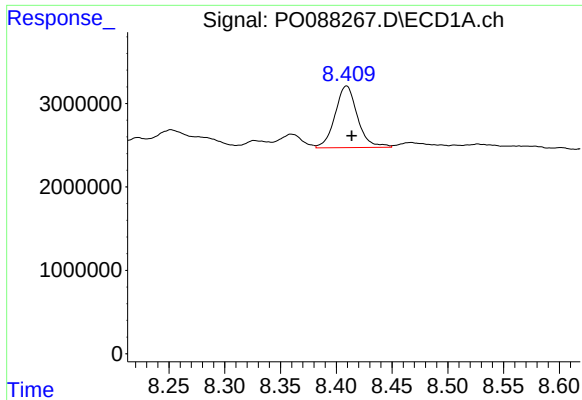
#34 AR-1260-4

R.T.: 8.079 min
Delta R.T.: -0.006 min
Response: 6081149
Conc: 56.29 ng/ml



#34 AR-1260-4

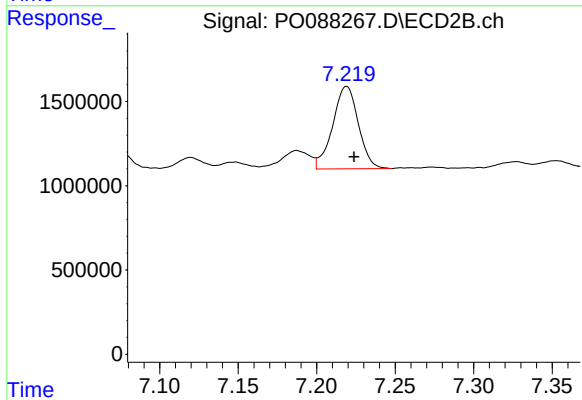
R.T.: 6.976 min
Delta R.T.: -0.005 min
Response: 2378513
Conc: 50.29 ng/ml



#35 AR-1260-5

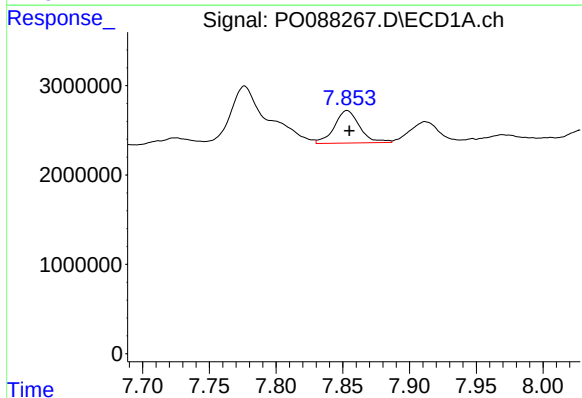
R.T.: 8.409 min
Delta R.T.: -0.005 min
Response: 10353331
Conc: 50.45 ng/ml

Instrument :
ECD_O
ClientSampleId :



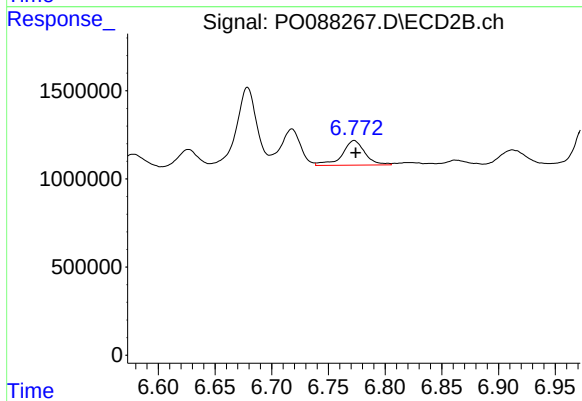
#35 AR-1260-5

R.T.: 7.219 min
Delta R.T.: -0.005 min
Response: 5580728
Conc: 48.78 ng/ml



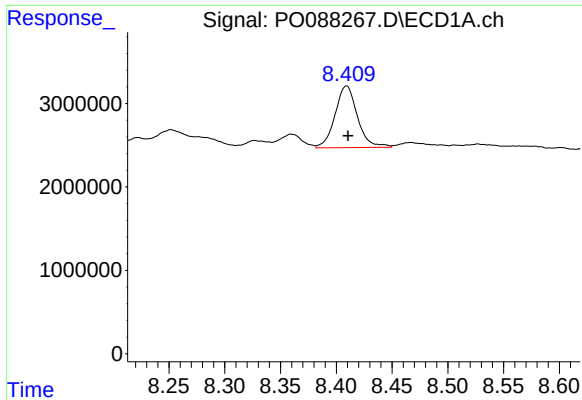
#36 AR-1262-1

R.T.: 7.853 min
Delta R.T.: -0.002 min
Response: 4788256
Conc: 34.86 ng/ml



#36 AR-1262-1

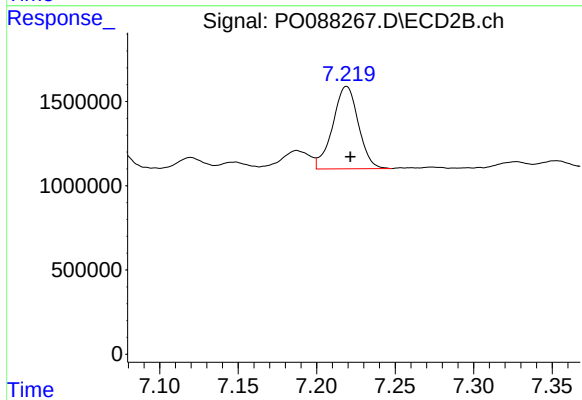
R.T.: 6.773 min
Delta R.T.: -0.001 min
Response: 1968452
Conc: 64.95 ng/ml



#37 AR-1262-2

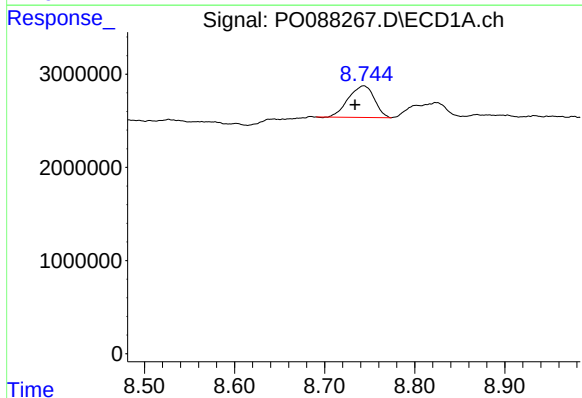
R.T.: 8.409 min
Delta R.T.: -0.001 min
Response: 10353331
Conc: 43.99 ng/ml

Instrument :
ECD_O
ClientSampleId :



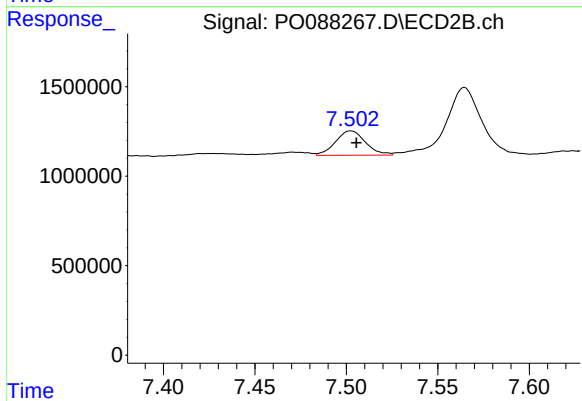
#37 AR-1262-2

R.T.: 7.219 min
Delta R.T.: -0.002 min
Response: 5580728
Conc: 41.53 ng/ml



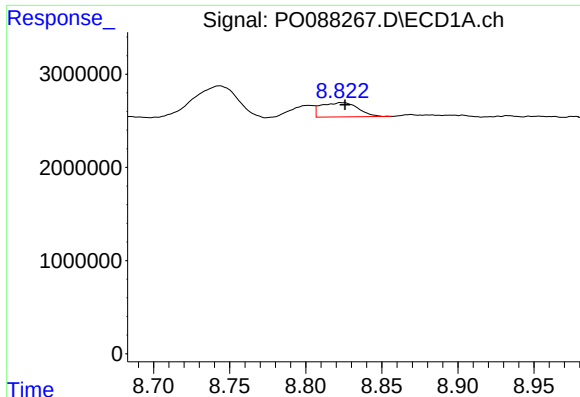
#38 AR-1262-3

R.T.: 8.743 min
Delta R.T.: 0.009 min
Response: 6798380
Conc: 41.02 ng/ml



#38 AR-1262-3

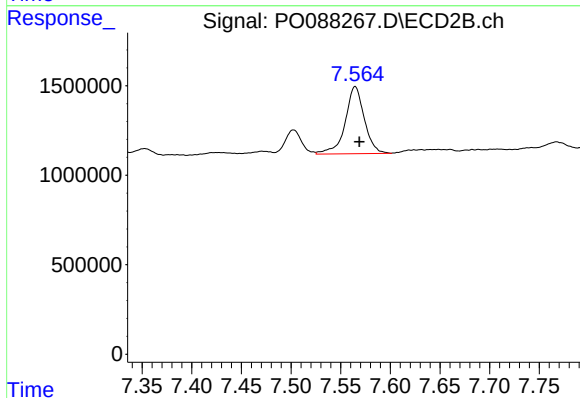
R.T.: 7.502 min
Delta R.T.: -0.003 min
Response: 1561022
Conc: 28.62 ng/ml



#39 AR-1262-4

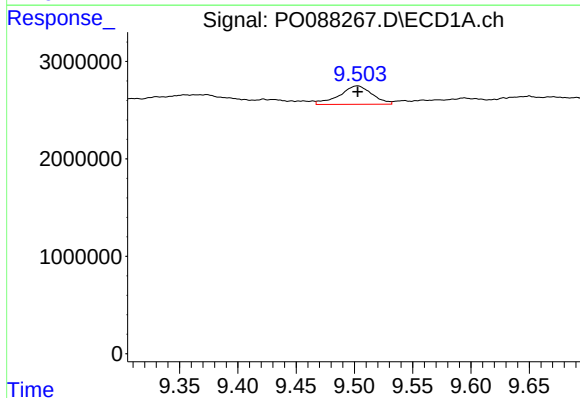
R.T.: 8.824 min
Delta R.T.: -0.002 min
Response: 2583343
Conc: 30.95 ng/ml

Instrument :
ECD_O
ClientSampleId :



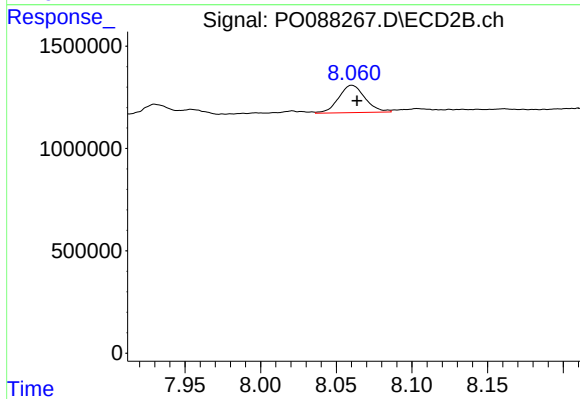
#39 AR-1262-4

R.T.: 7.565 min
Delta R.T.: -0.004 min
Response: 5015025
Conc: 49.57 ng/ml



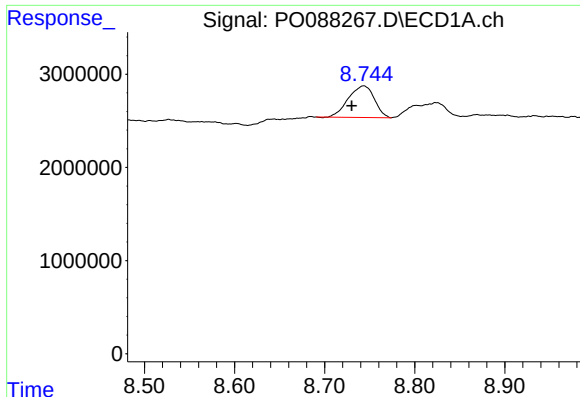
#40 AR-1262-5

R.T.: 9.503 min
Delta R.T.: 0.000 min
Response: 3685850
Conc: 41.36 ng/ml



#40 AR-1262-5

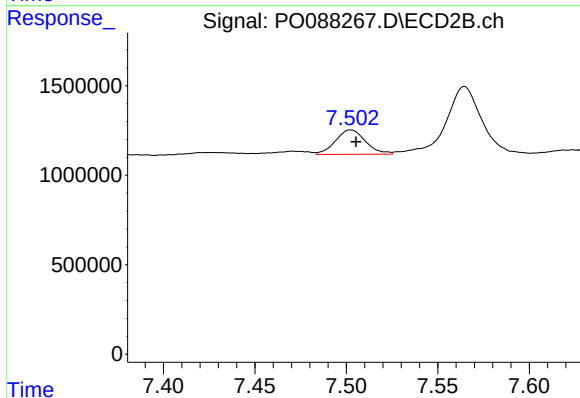
R.T.: 8.060 min
Delta R.T.: -0.003 min
Response: 1635018
Conc: 33.29 ng/ml



#41 AR-1268-1

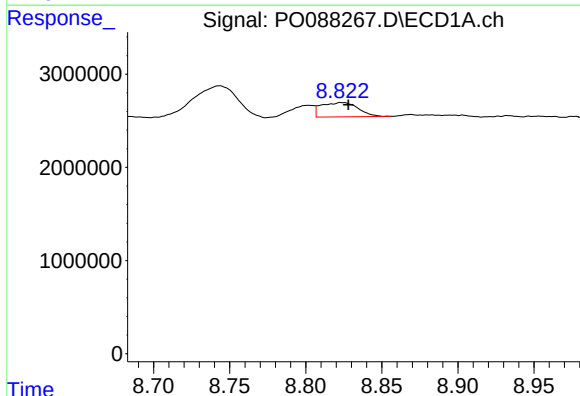
R.T.: 8.743 min
Delta R.T.: 0.013 min
Response: 6798380
Conc: 24.04 ng/ml

Instrument :
ECD_O
ClientSampleId :



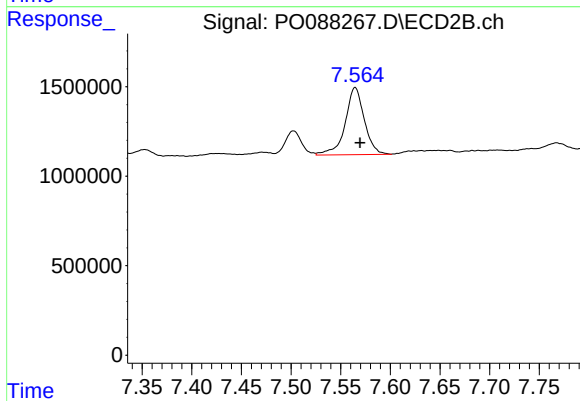
#41 AR-1268-1

R.T.: 7.502 min
Delta R.T.: -0.003 min
Response: 1561022
Conc: 9.85 ng/ml



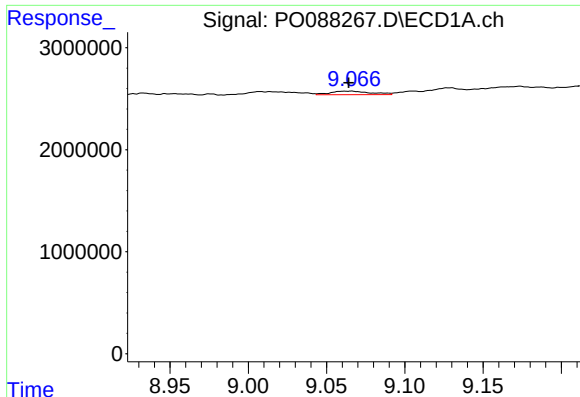
#42 AR-1268-2

R.T.: 8.824 min
Delta R.T.: -0.004 min
Response: 2583343
Conc: 9.94 ng/ml



#42 AR-1268-2

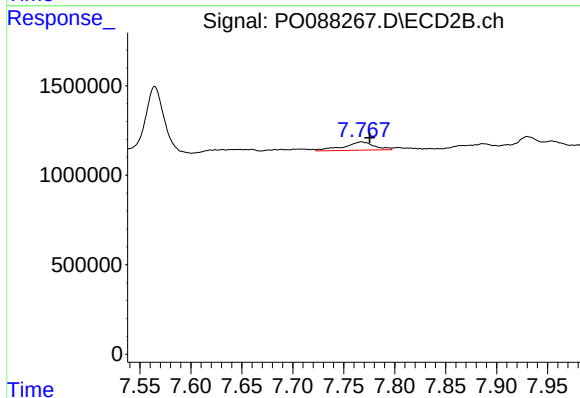
R.T.: 7.565 min
Delta R.T.: -0.005 min
Response: 5015025
Conc: 34.86 ng/ml



#43 AR-1268-3

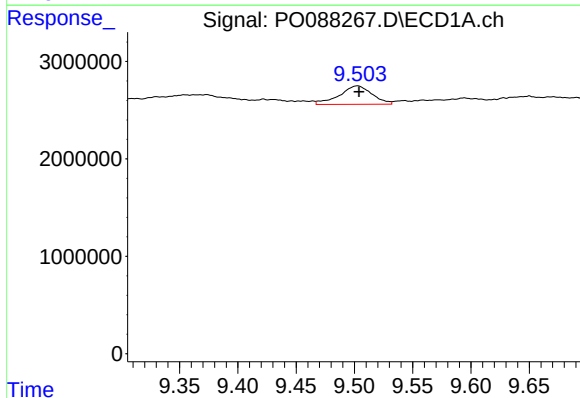
R.T.: 9.062 min
Delta R.T.: -0.002 min
Response: 621271
Conc: 2.77 ng/ml

Instrument :
ECD_O
ClientSampleId :



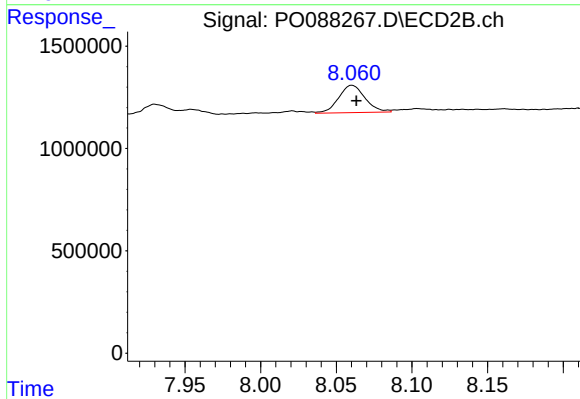
#43 AR-1268-3

R.T.: 7.767 min
Delta R.T.: -0.008 min
Response: 965509
Conc: 7.75 ng/ml



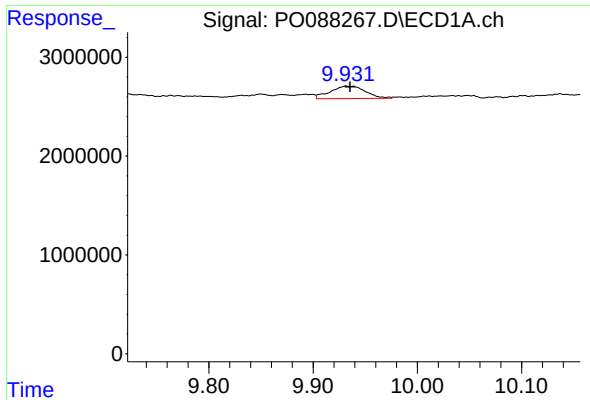
#44 AR-1268-4

R.T.: 9.503 min
Delta R.T.: -0.001 min
Response: 3685850
Conc: 37.59 ng/ml



#44 AR-1268-4

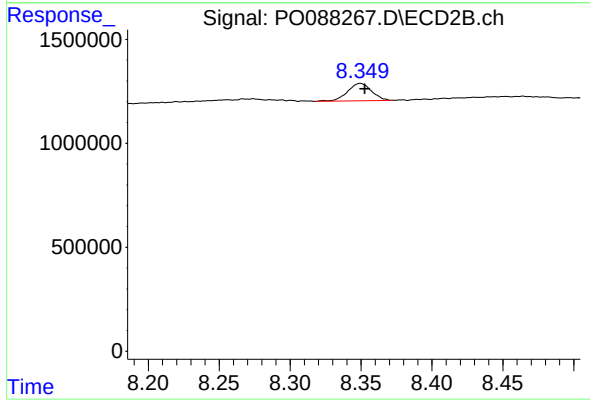
R.T.: 8.060 min
Delta R.T.: -0.003 min
Response: 1635018
Conc: 30.48 ng/ml



#45 AR-1268-5

R.T.: 9.932 min
Delta R.T.: -0.004 min
Response: 2972097
Conc: 4.09 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.350 min
Delta R.T.: -0.003 min
Response: 985945
Conc: 2.55 ng/ml