

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0081924\
 Data File : P0105652.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Aug 2024 17:25
 Operator : YP/AJ
 Sample : P3655-05
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 T-23

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 20 06:31:29 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0081524.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Aug 15 11:44:23 2024
 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...	4.455	3.725	210.7E6	60481356	22.539	23.713
2)	SA Decachlor...	10.204	8.770	132.2E6	49579056	22.777	25.123
Target Compounds							
3)	L1 AR-1016-1	5.608	4.824	7384999	3257166	23.726	37.349 #
4)	L1 AR-1016-2	5.644	4.854	4547854	1379163	10.480	11.750
5)	L1 AR-1016-3	5.716	5.013	1206534	333789	4.538	5.399
6)	L1 AR-1016-4	5.783	5.058	1957784	1312250	8.894	27.680 #
7)	L1 AR-1016-5	6.152f	5.269	-58333	597070	N.D.	9.402 #
8)	L2 AR-1221-1	4.662	3.923	4711078	463669	41.607	15.837 #
9)	L2 AR-1221-2	4.740	4.029	249567	853758	2.815	39.244 #
10)	L2 AR-1221-3	4.840	4.101	6580364	2001732	25.760	29.102
11)	L3 AR-1232-1	4.840	4.101	6580364	2001732	31.557	36.168
12)	L3 AR-1232-2	5.350	4.854	19368428	1379163	180.136	26.531 #
13)	L3 AR-1232-3	5.644	5.013	4547854	333789	23.096	12.162 #
14)	L3 AR-1232-4	5.783	5.097	1957784	557055	20.137	22.369
15)	L3 AR-1232-5	5.893	5.269	1993435	597070	27.402	21.115
16)	L4 AR-1242-1	5.608	4.824	7384999	3257166	29.658	46.937 #
17)	L4 AR-1242-2	5.644	4.854	4547854	1379163	13.334	15.021
18)	L4 AR-1242-3	5.716	5.013	1206534	333789	5.753	6.824
19)	L4 AR-1242-4	5.783	5.097	1957784	557055	11.187	11.290
20)	L4 AR-1242-5	6.534	5.629	6467014	5317451	35.896	84.909 #
21)	L5 AR-1248-1	5.608	4.824	7384999	3257166	38.329	61.395 #
22)	L5 AR-1248-2	5.893	5.058	1993435	1312250	7.573	18.816 #
23)	L5 AR-1248-3	6.152f	5.097	-58333	557055	N.D.	7.498 #
24)	L5 AR-1248-4	6.486	5.269	27639379	597070	85.197	6.712 #
25)	L5 AR-1248-5	6.534	5.667	6467014	997851	20.717	11.386 #
26)	L6 AR-1254-1	6.486	5.629	27639379	5317451	87.334	42.250 #
27)	L6 AR-1254-2	6.695	5.772	21417954	2043573	45.469	18.340 #
28)	L6 AR-1254-3	7.064	6.196	28591086	9659478	59.664	53.830
29)	L6 AR-1254-4	7.342	6.401	14731117	3598264	41.838	32.402
30)	L6 AR-1254-5	7.779	6.824	288.9E6	116.4E6	757.589	723.872
31)	L7 AR-1260-1	7.221	6.308	7808825	2148415	21.137	18.137
32)	L7 AR-1260-2	7.466	6.494	54039387	5103186	125.097	34.783 #
33)	L7 AR-1260-3	7.818	6.651	17922965	11911291	66.176	77.542
34)	L7 AR-1260-4	8.051	7.122	8085499	4103620	25.395	41.811 #
35)	L7 AR-1260-5	8.382	7.363	8741997	4011395	14.034	16.581
36)	L8 AR-1262-1	7.779	6.824	288.9E6	116.4E6	999.410	1427.253 #
37)	L8 AR-1262-2	8.382	7.122	8741997	4103620	11.380	29.158 #
38)	L8 AR-1262-3	8.700	7.648	1924410	944873	3.824	8.776 #
39)	L8 AR-1262-4	8.772	7.710	2994444	1761522	8.069	8.461
40)	L8 AR-1262-5	9.444	8.207	1025365	602744	3.930	6.459 #
41)	L9 AR-1268-1	8.700	7.648	1924410	944873	2.284	3.030 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0081924\
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Acq On : 19 Aug 2024 17:25
Operator : YP/AJ
Sample : P3655-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

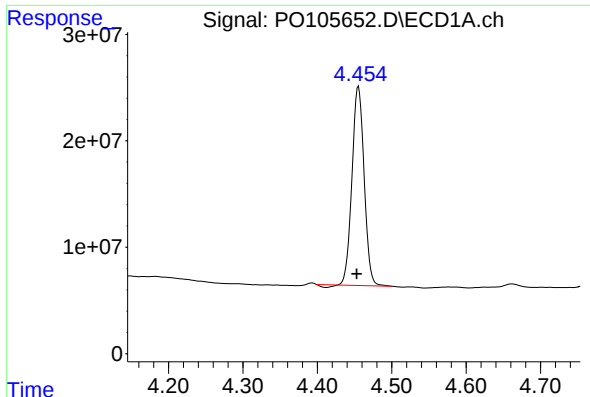
Instrument :
ECD_O
ClientSampleId :
T-23

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 06:31:29 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0081524.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Aug 15 11:44:23 2024
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	8.772	7.710	2994444	1761522	3.976	6.244 #
43)	L9 AR-1268-3	9.023	7.907	909022	469581	1.431	2.017 #
44)	L9 AR-1268-4	9.444	8.207	1025365	602744	3.729	6.129 #
45)	L9 AR-1268-5	9.859	8.507	2410299	895421	1.154	1.186

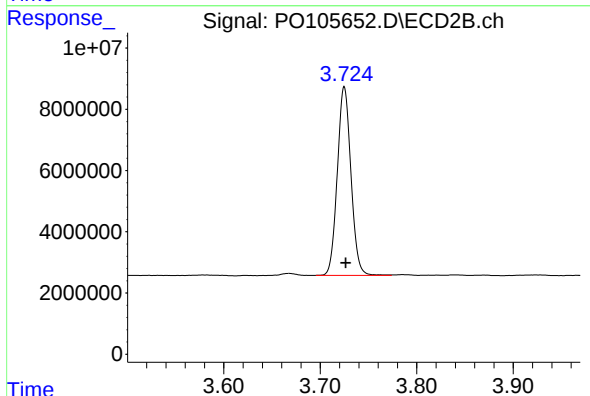
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

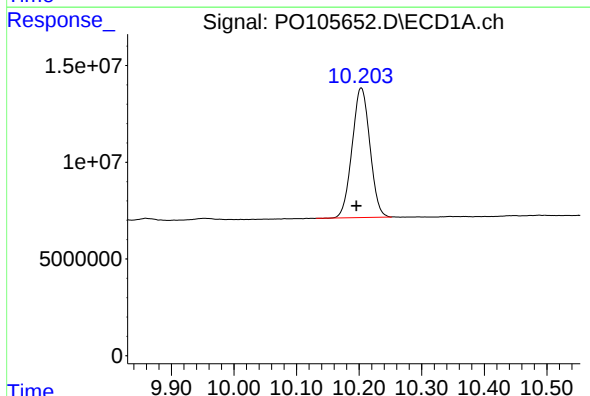
R.T.: 4.455 min
Delta R.T.: 0.002 min
Response: 210720865
Conc: 22.54 ng/ml

Instrument :
ECD_O
ClientSampleId :
T-23



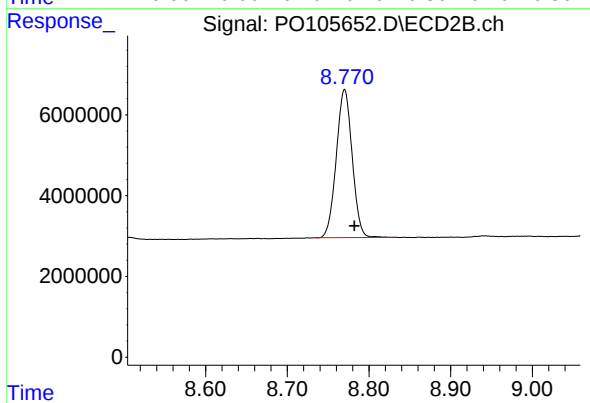
#1 Tetrachloro-m-xylene

R.T.: 3.725 min
Delta R.T.: -0.002 min
Response: 60481356
Conc: 23.71 ng/ml



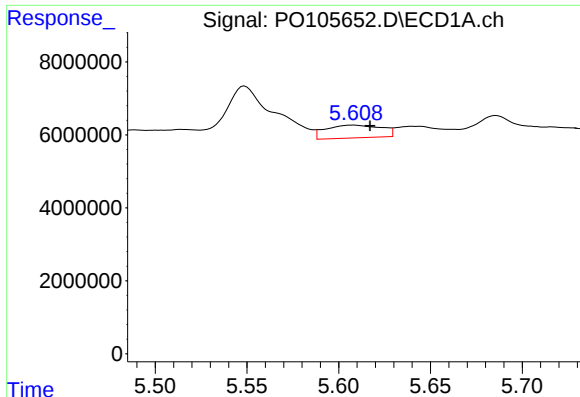
#2 Decachlorobiphenyl

R.T.: 10.204 min
Delta R.T.: 0.008 min
Response: 132214695
Conc: 22.78 ng/ml



#2 Decachlorobiphenyl

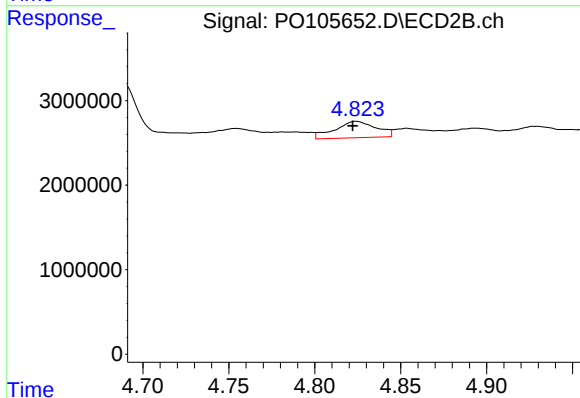
R.T.: 8.770 min
Delta R.T.: -0.012 min
Response: 49579056
Conc: 25.12 ng/ml



#3 AR-1016-1

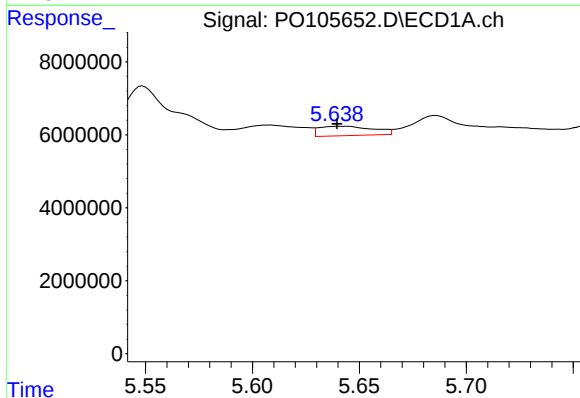
R.T.: 5.608 min
Delta R.T.: -0.009 min
Response: 7384999
Conc: 23.73 ng/ml

Instrument :
ECD_O
ClientSampleId :
T-23



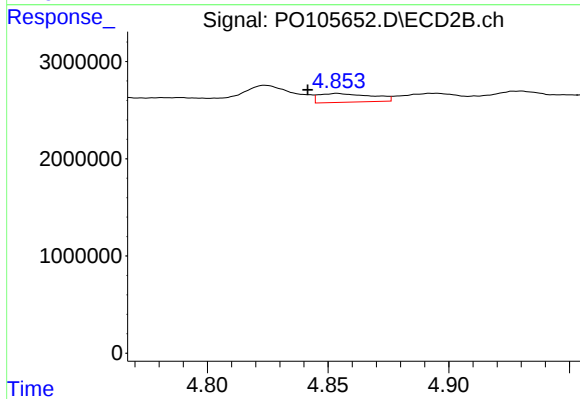
#3 AR-1016-1

R.T.: 4.824 min
Delta R.T.: 0.002 min
Response: 3257166
Conc: 37.35 ng/ml



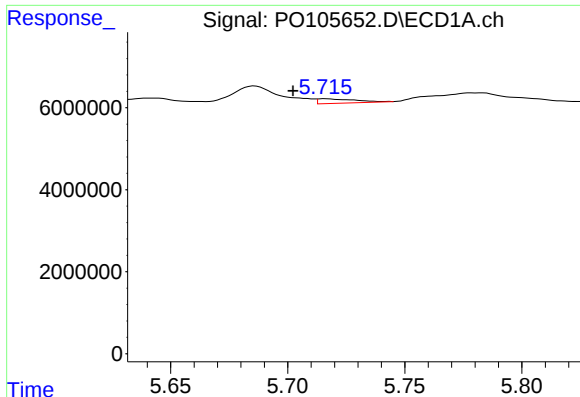
#4 AR-1016-2

R.T.: 5.644 min
Delta R.T.: 0.004 min
Response: 4547854
Conc: 10.48 ng/ml



#4 AR-1016-2

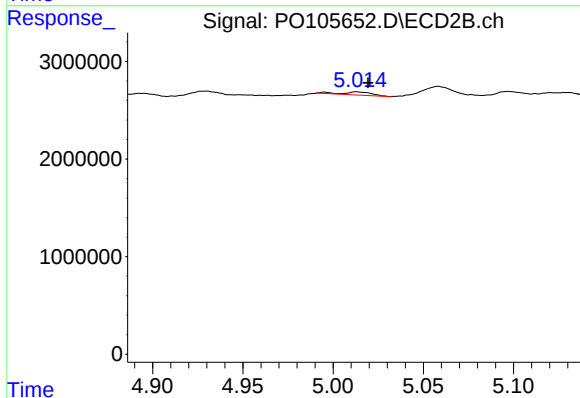
R.T.: 4.854 min
Delta R.T.: 0.012 min
Response: 1379163
Conc: 11.75 ng/ml



#5 AR-1016-3

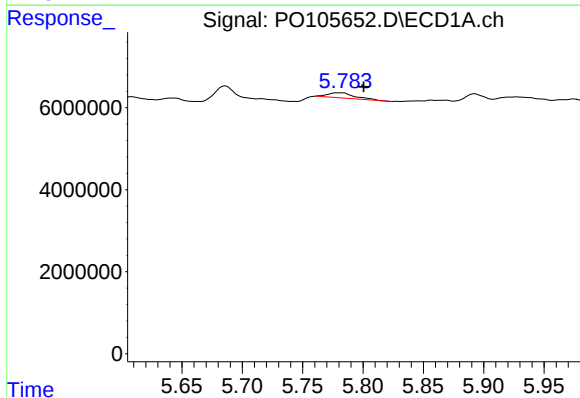
R.T.: 5.716 min
Delta R.T.: 0.014 min
Response: 1206534
Conc: 4.54 ng/ml

Instrument :
ECD_O
ClientSampleId :
T-23



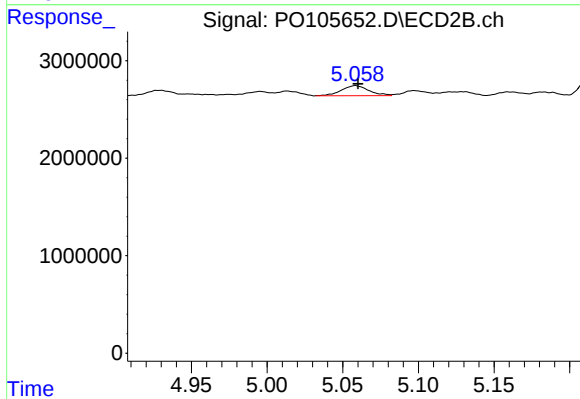
#5 AR-1016-3

R.T.: 5.013 min
Delta R.T.: -0.006 min
Response: 333789
Conc: 5.40 ng/ml



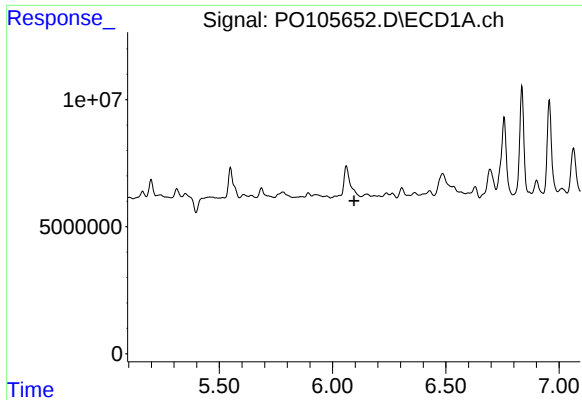
#6 AR-1016-4

R.T.: 5.783 min
Delta R.T.: -0.018 min
Response: 1957784
Conc: 8.89 ng/ml



#6 AR-1016-4

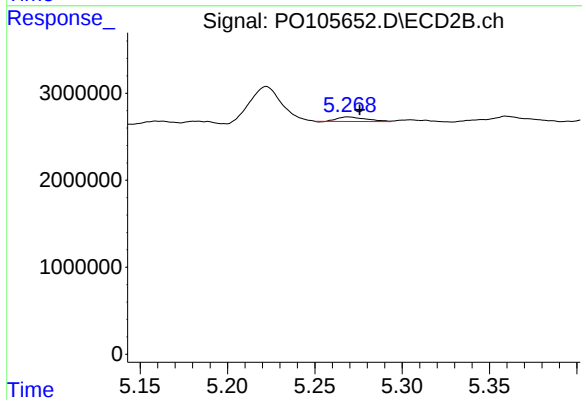
R.T.: 5.058 min
Delta R.T.: -0.002 min
Response: 1312250
Conc: 27.68 ng/ml



#7 AR-1016-5

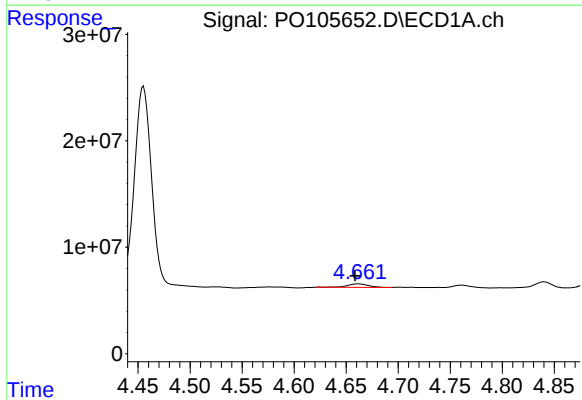
R.T.: 6.152 min
Delta R.T.: 0.058 min
Response: -58333
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
T-23



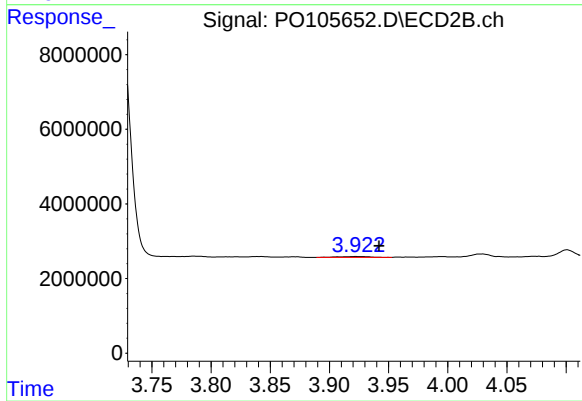
#7 AR-1016-5

R.T.: 5.269 min
Delta R.T.: -0.007 min
Response: 597070
Conc: 9.40 ng/ml



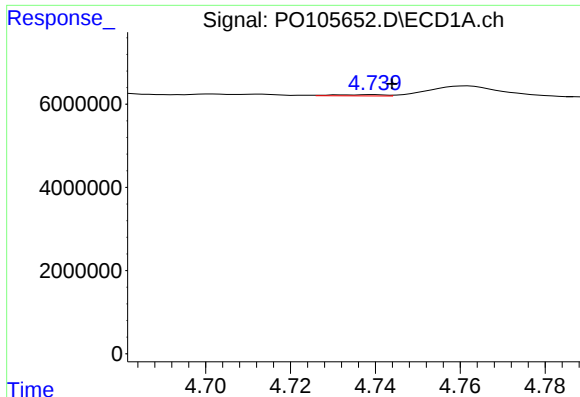
#8 AR-1221-1

R.T.: 4.662 min
Delta R.T.: 0.003 min
Response: 4711078
Conc: 41.61 ng/ml



#8 AR-1221-1

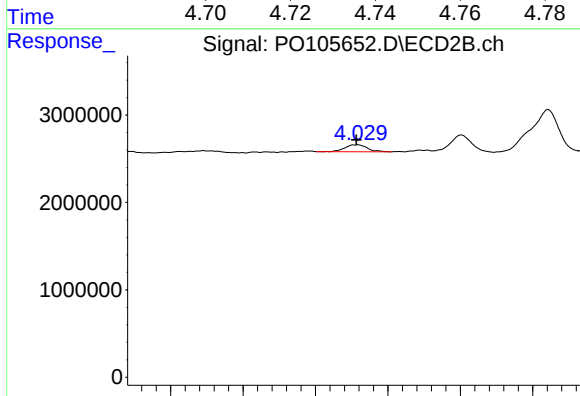
R.T.: 3.923 min
Delta R.T.: -0.019 min
Response: 463669
Conc: 15.84 ng/ml



#9 AR-1221-2

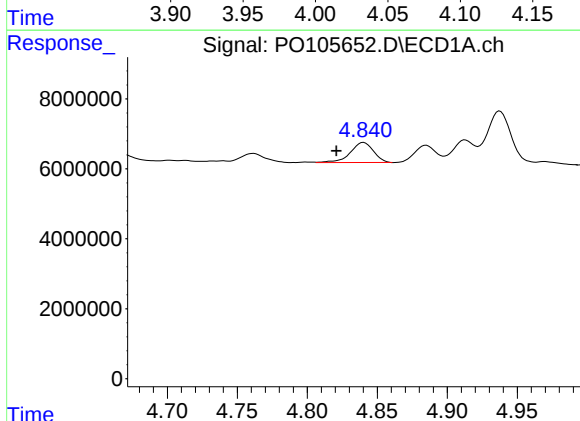
R.T.: 4.740 min
Delta R.T.: -0.004 min
Response: 249567
Conc: 2.81 ng/ml

Instrument :
ECD_O
ClientSampleId :
T-23



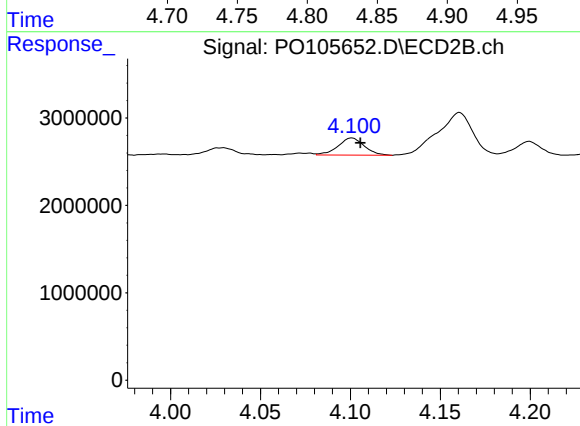
#9 AR-1221-2

R.T.: 4.029 min
Delta R.T.: 0.000 min
Response: 853758
Conc: 39.24 ng/ml



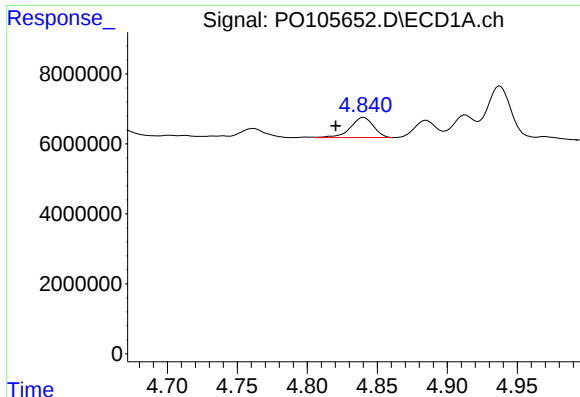
#10 AR-1221-3

R.T.: 4.840 min
Delta R.T.: 0.020 min
Response: 6580364
Conc: 25.76 ng/ml



#10 AR-1221-3

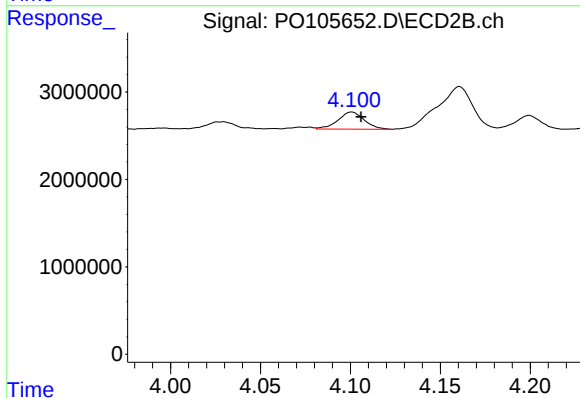
R.T.: 4.101 min
Delta R.T.: -0.005 min
Response: 2001732
Conc: 29.10 ng/ml



#11 AR-1232-1

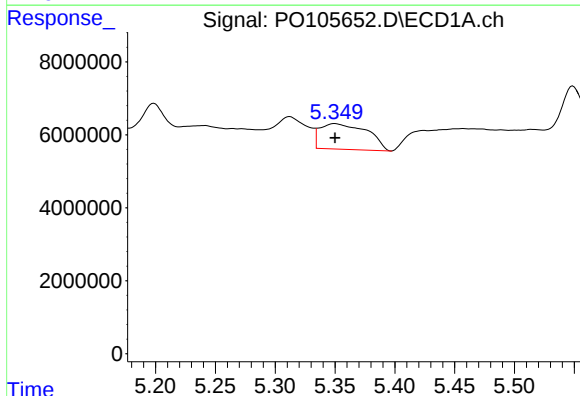
R.T.: 4.840 min
Delta R.T.: 0.020 min
Response: 6580364
Conc: 31.56 ng/ml

Instrument :
ECD_O
ClientSampleId :
T-23



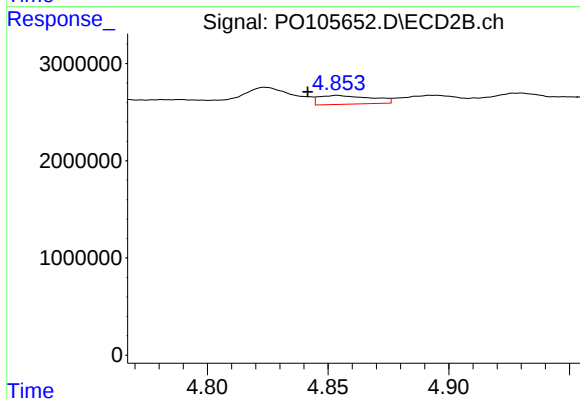
#11 AR-1232-1

R.T.: 4.101 min
Delta R.T.: -0.005 min
Response: 2001732
Conc: 36.17 ng/ml



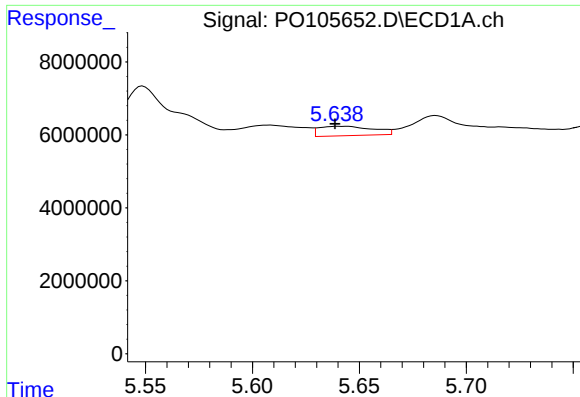
#12 AR-1232-2

R.T.: 5.350 min
Delta R.T.: 0.000 min
Response: 19368428
Conc: 180.14 ng/ml



#12 AR-1232-2

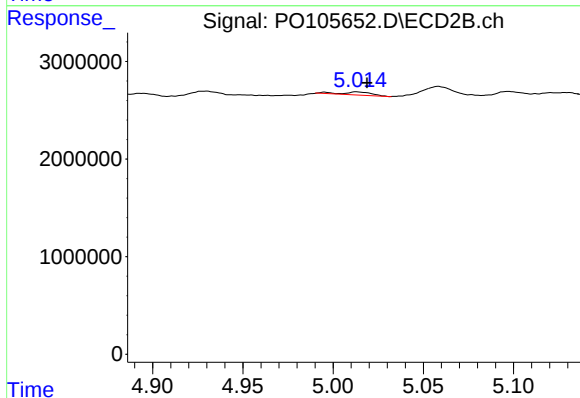
R.T.: 4.854 min
Delta R.T.: 0.012 min
Response: 1379163
Conc: 26.53 ng/ml



#13 AR-1232-3

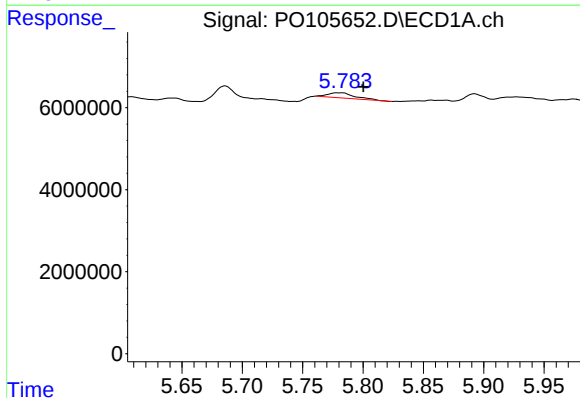
R.T.: 5.644 min
Delta R.T.: 0.005 min
Response: 4547854
Conc: 23.10 ng/ml

Instrument :
ECD_O
ClientSampleId :
T-23



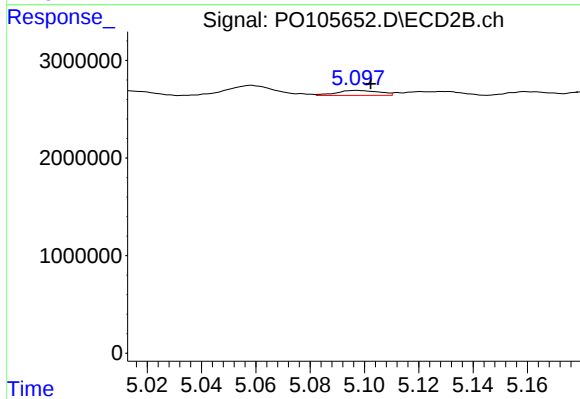
#13 AR-1232-3

R.T.: 5.013 min
Delta R.T.: -0.006 min
Response: 333789
Conc: 12.16 ng/ml



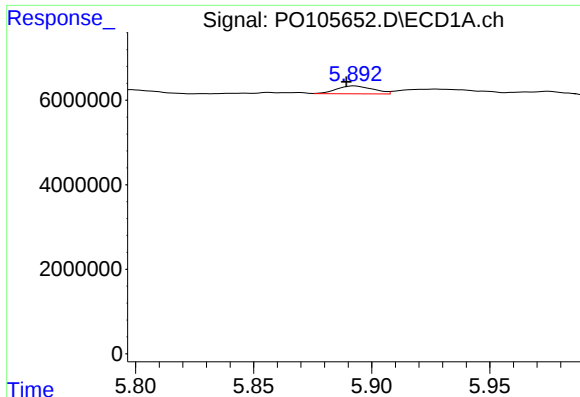
#14 AR-1232-4

R.T.: 5.783 min
Delta R.T.: -0.017 min
Response: 1957784
Conc: 20.14 ng/ml



#14 AR-1232-4

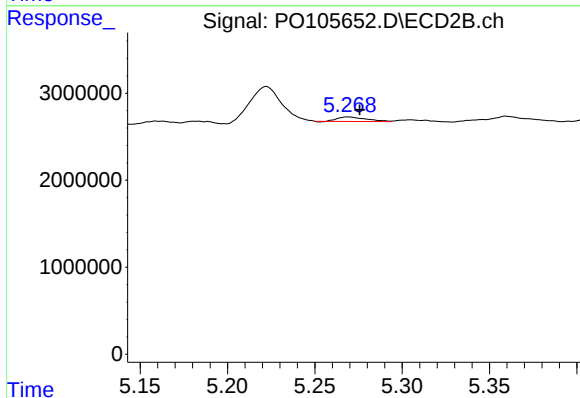
R.T.: 5.097 min
Delta R.T.: -0.005 min
Response: 557055
Conc: 22.37 ng/ml



#15 AR-1232-5

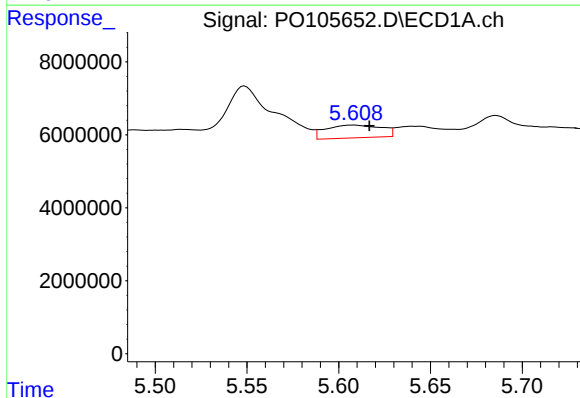
R.T.: 5.893 min
Delta R.T.: 0.003 min
Response: 1993435
Conc: 27.40 ng/ml

Instrument :
ECD_O
ClientSampleId :
T-23



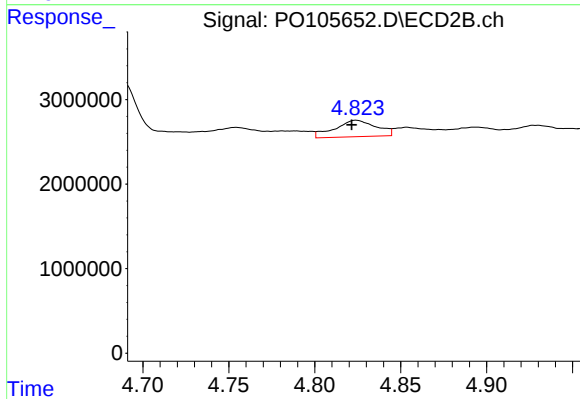
#15 AR-1232-5

R.T.: 5.269 min
Delta R.T.: -0.006 min
Response: 597070
Conc: 21.12 ng/ml



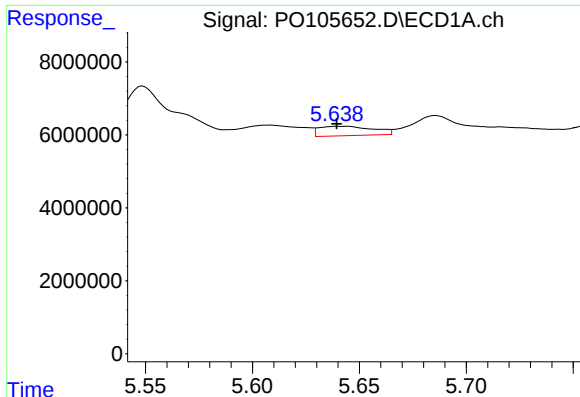
#16 AR-1242-1

R.T.: 5.608 min
Delta R.T.: -0.009 min
Response: 7384999
Conc: 29.66 ng/ml



#16 AR-1242-1

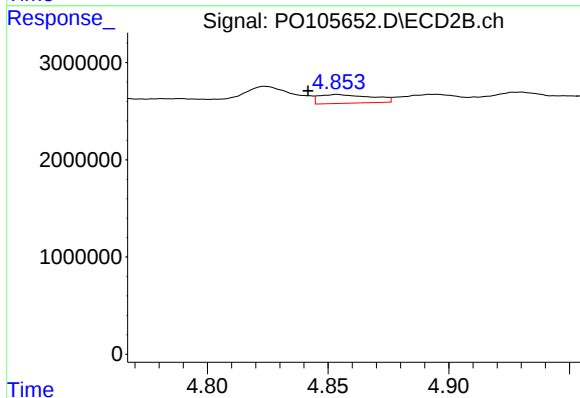
R.T.: 4.824 min
Delta R.T.: 0.003 min
Response: 3257166
Conc: 46.94 ng/ml



#17 AR-1242-2

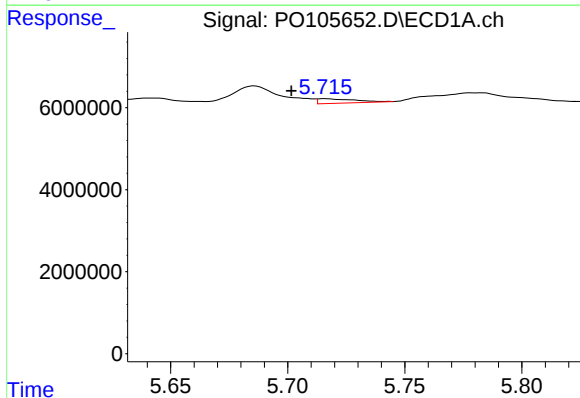
R.T.: 5.644 min
Delta R.T.: 0.004 min
Response: 4547854
Conc: 13.33 ng/ml

Instrument :
ECD_O
ClientSampleId :
T-23



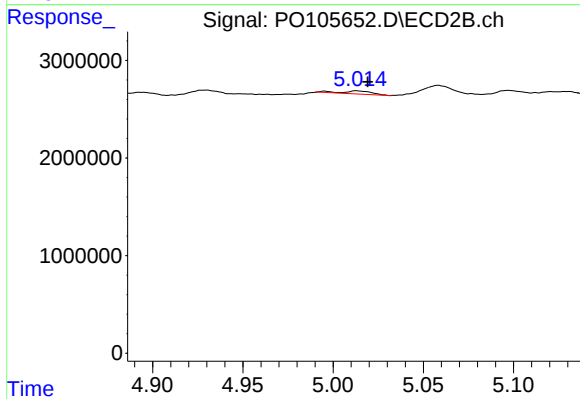
#17 AR-1242-2

R.T.: 4.854 min
Delta R.T.: 0.012 min
Response: 1379163
Conc: 15.02 ng/ml



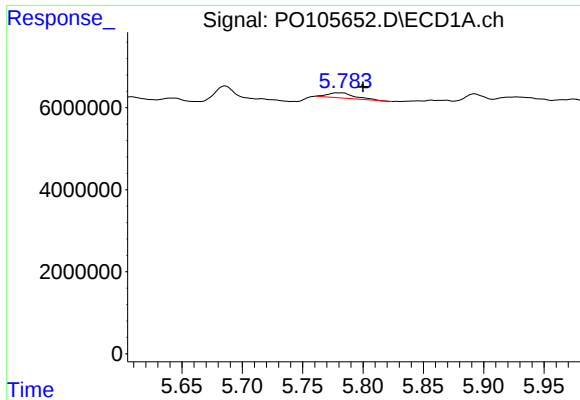
#18 AR-1242-3

R.T.: 5.716 min
Delta R.T.: 0.015 min
Response: 1206534
Conc: 5.75 ng/ml



#18 AR-1242-3

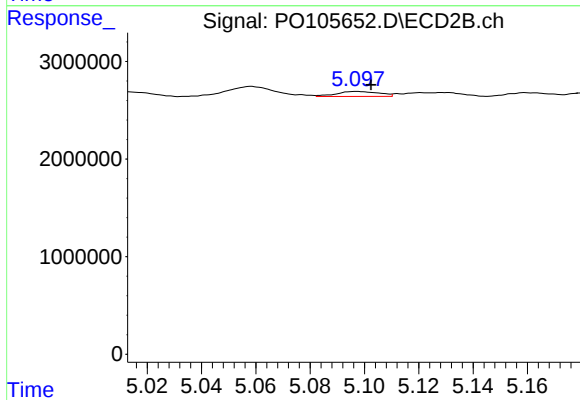
R.T.: 5.013 min
Delta R.T.: -0.006 min
Response: 333789
Conc: 6.82 ng/ml



#19 AR-1242-4

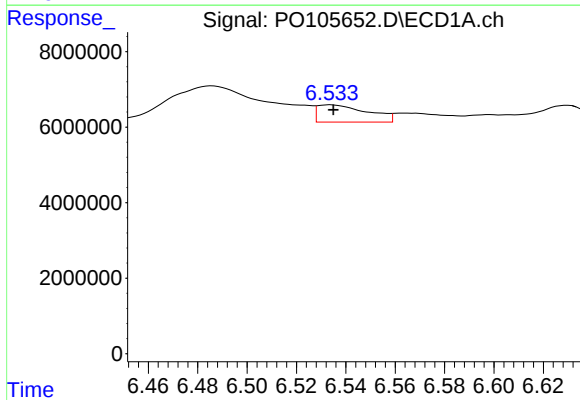
R.T.: 5.783 min
Delta R.T.: -0.017 min
Response: 1957784
Conc: 11.19 ng/ml

Instrument :
ECD_O
ClientSampleId :
T-23



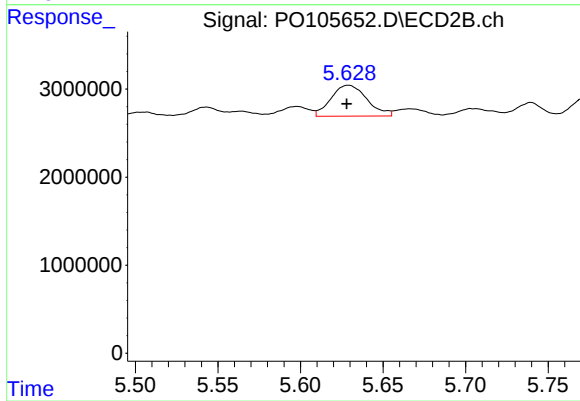
#19 AR-1242-4

R.T.: 5.097 min
Delta R.T.: -0.005 min
Response: 557055
Conc: 11.29 ng/ml



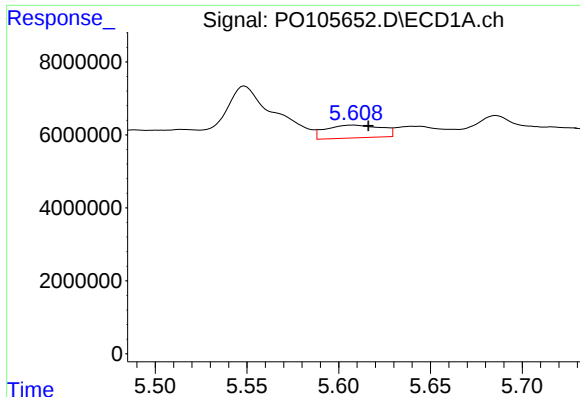
#20 AR-1242-5

R.T.: 6.534 min
Delta R.T.: -0.001 min
Response: 6467014
Conc: 35.90 ng/ml



#20 AR-1242-5

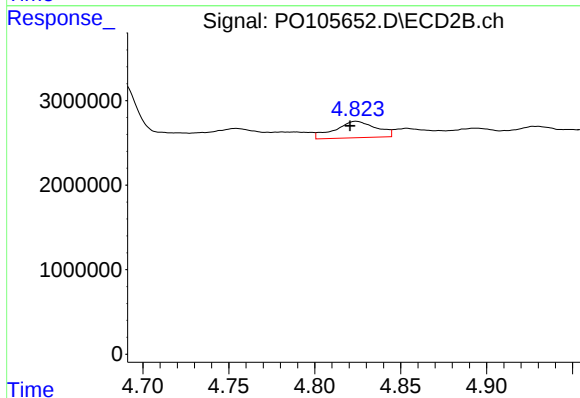
R.T.: 5.629 min
Delta R.T.: 0.000 min
Response: 5317451
Conc: 84.91 ng/ml



#21 AR-1248-1

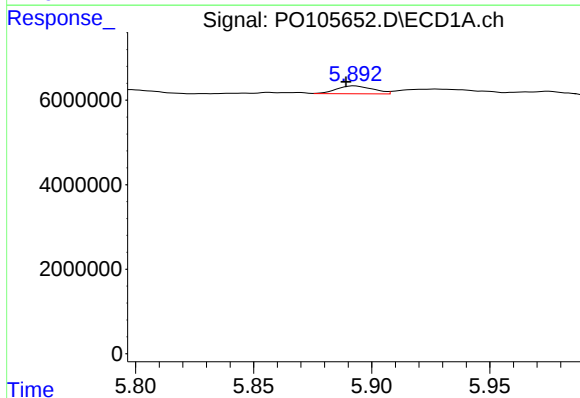
R.T.: 5.608 min
Delta R.T.: -0.008 min
Response: 7384999
Conc: 38.33 ng/ml

Instrument :
ECD_O
ClientSampleId :
T-23



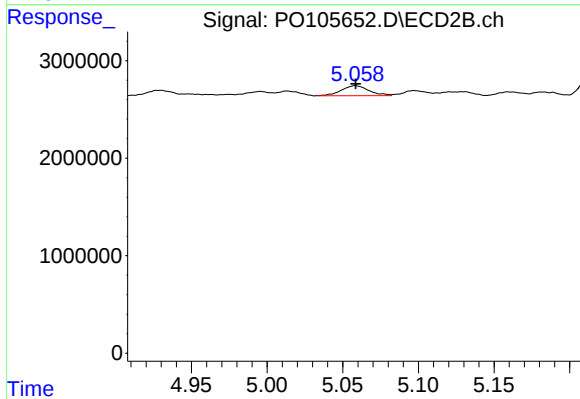
#21 AR-1248-1

R.T.: 4.824 min
Delta R.T.: 0.003 min
Response: 3257166
Conc: 61.40 ng/ml



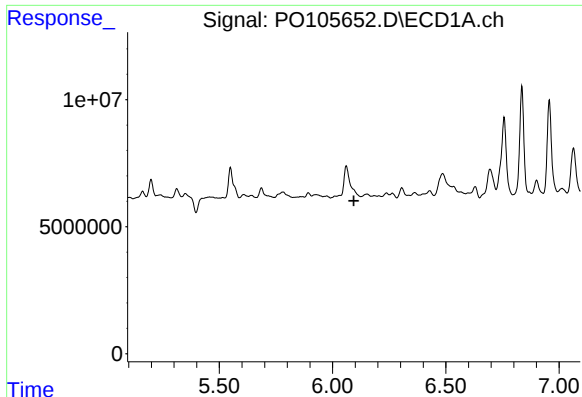
#22 AR-1248-2

R.T.: 5.893 min
Delta R.T.: 0.003 min
Response: 1993435
Conc: 7.57 ng/ml



#22 AR-1248-2

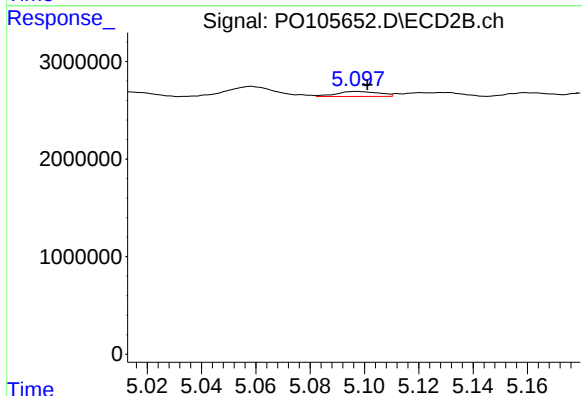
R.T.: 5.058 min
Delta R.T.: 0.000 min
Response: 1312250
Conc: 18.82 ng/ml



#23 AR-1248-3

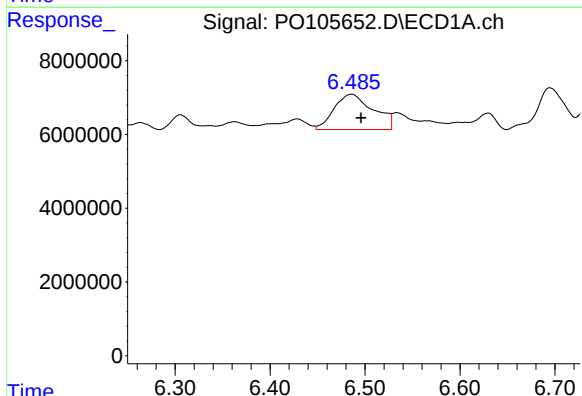
R.T.: 6.152 min
Delta R.T.: 0.058 min
Response: -58333
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
T-23



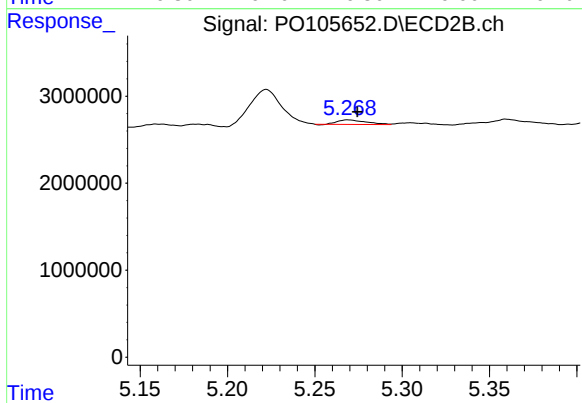
#23 AR-1248-3

R.T.: 5.097 min
Delta R.T.: -0.004 min
Response: 557055
Conc: 7.50 ng/ml



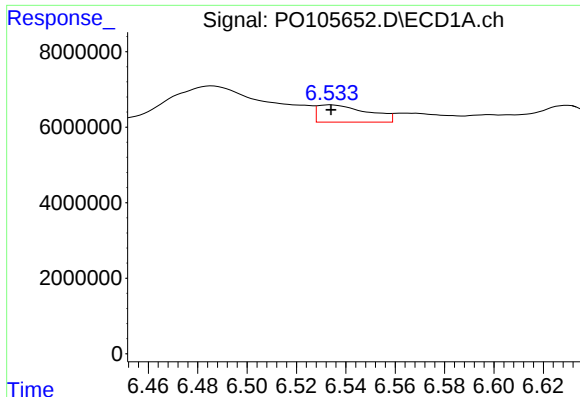
#24 AR-1248-4

R.T.: 6.486 min
Delta R.T.: -0.010 min
Response: 27639379
Conc: 85.20 ng/ml



#24 AR-1248-4

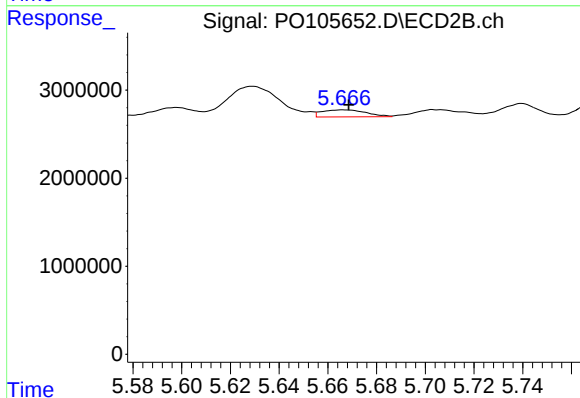
R.T.: 5.269 min
Delta R.T.: -0.005 min
Response: 597070
Conc: 6.71 ng/ml



#25 AR-1248-5

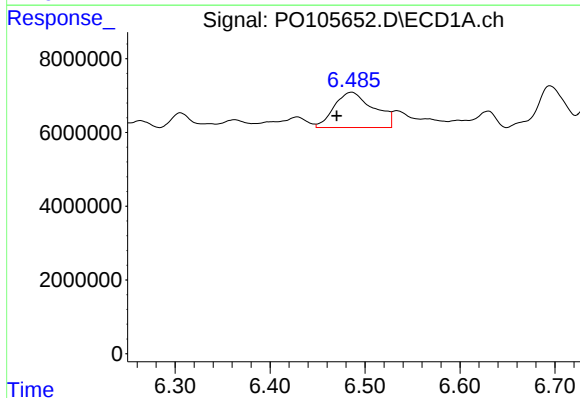
R.T.: 6.534 min
Delta R.T.: 0.000 min
Response: 6467014
Conc: 20.72 ng/ml

Instrument :
ECD_O
ClientSampleId :
T-23



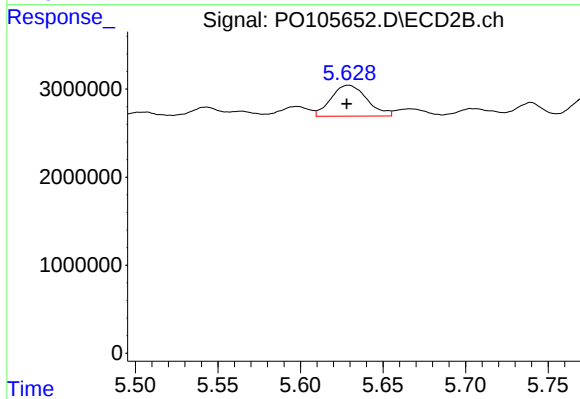
#25 AR-1248-5

R.T.: 5.667 min
Delta R.T.: -0.002 min
Response: 997851
Conc: 11.39 ng/ml



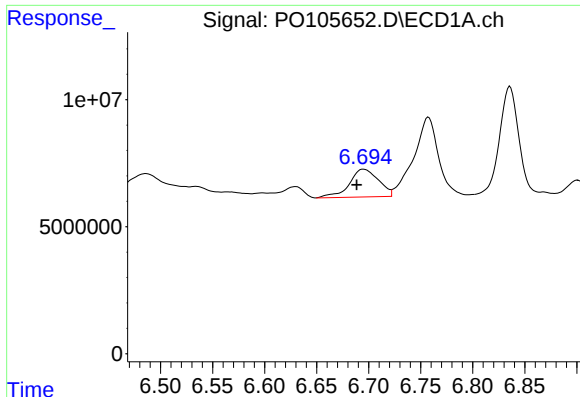
#26 AR-1254-1

R.T.: 6.486 min
Delta R.T.: 0.016 min
Response: 27639379
Conc: 87.33 ng/ml



#26 AR-1254-1

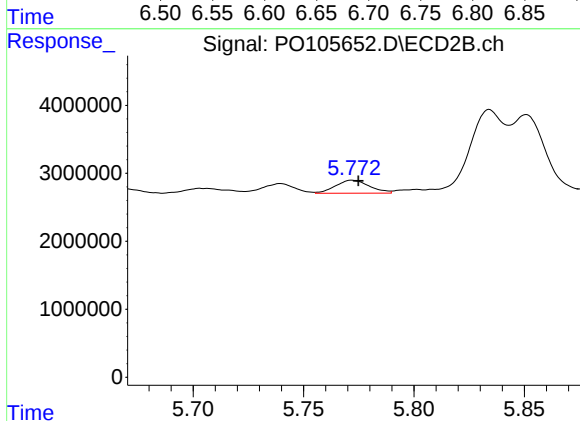
R.T.: 5.629 min
Delta R.T.: 0.000 min
Response: 5317451
Conc: 42.25 ng/ml



#27 AR-1254-2

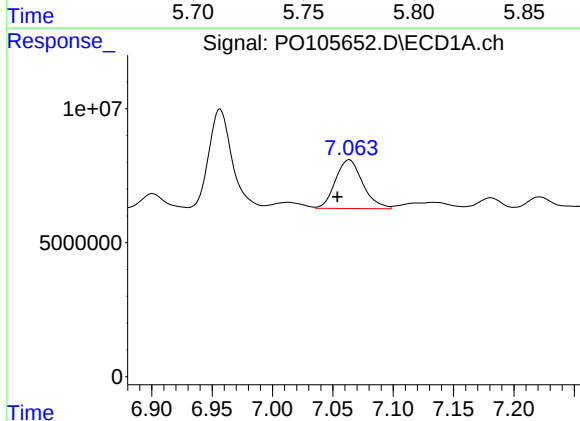
R.T.: 6.695 min
Delta R.T.: 0.007 min
Response: 21417954
Conc: 45.47 ng/ml

Instrument :
ECD_O
ClientSampleId :
T-23



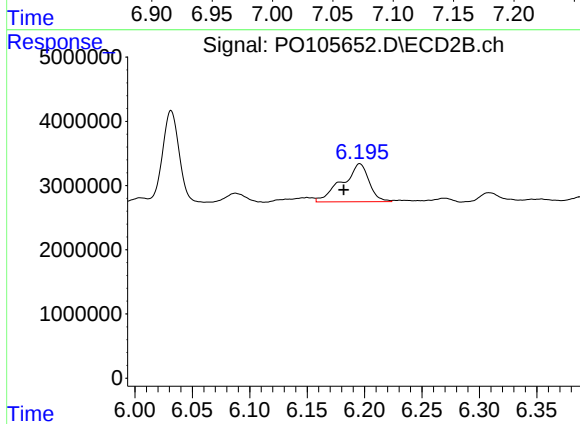
#27 AR-1254-2

R.T.: 5.772 min
Delta R.T.: -0.003 min
Response: 2043573
Conc: 18.34 ng/ml



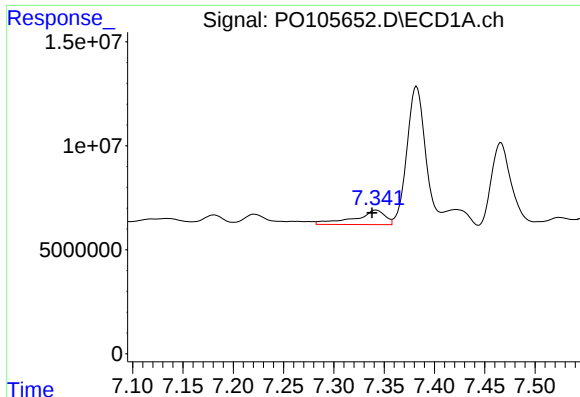
#28 AR-1254-3

R.T.: 7.064 min
Delta R.T.: 0.010 min
Response: 28591086
Conc: 59.66 ng/ml



#28 AR-1254-3

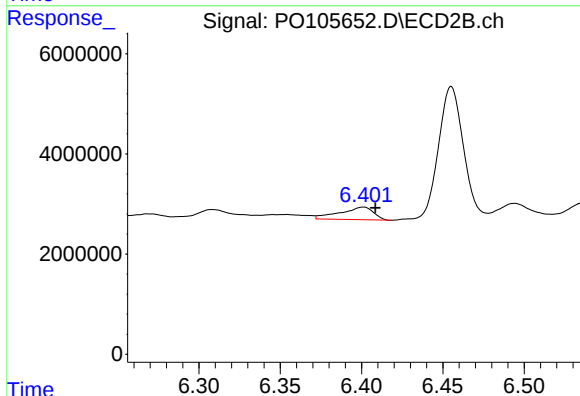
R.T.: 6.196 min
Delta R.T.: 0.014 min
Response: 9659478
Conc: 53.83 ng/ml



#29 AR-1254-4

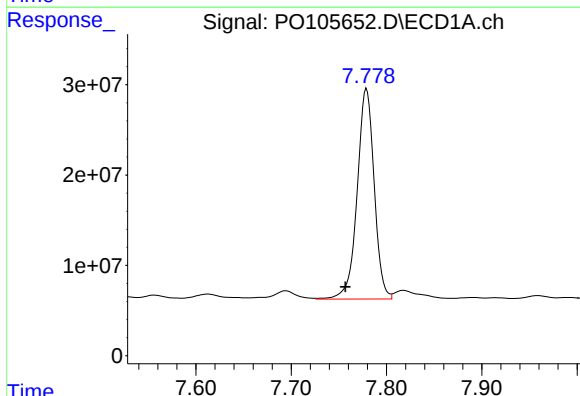
R.T.: 7.342 min
Delta R.T.: 0.004 min
Response: 14731117
Conc: 41.84 ng/ml

Instrument :
ECD_O
ClientSampleId :
T-23



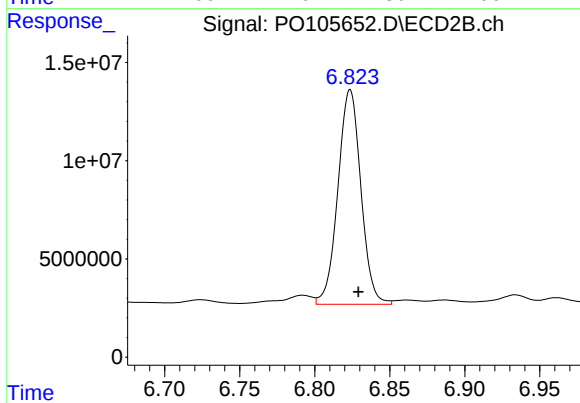
#29 AR-1254-4

R.T.: 6.401 min
Delta R.T.: -0.007 min
Response: 3598264
Conc: 32.40 ng/ml



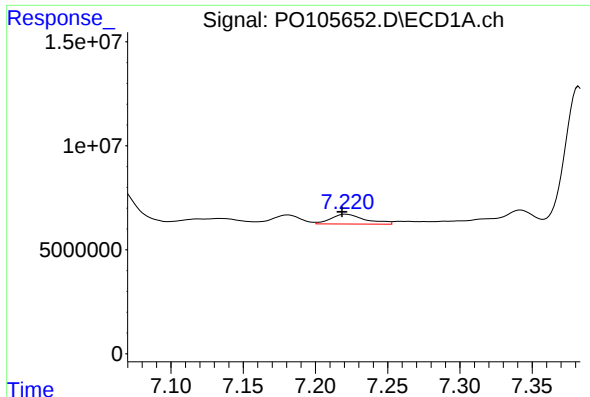
#30 AR-1254-5

R.T.: 7.779 min
Delta R.T.: 0.022 min
Response: 288874541
Conc: 757.59 ng/ml



#30 AR-1254-5

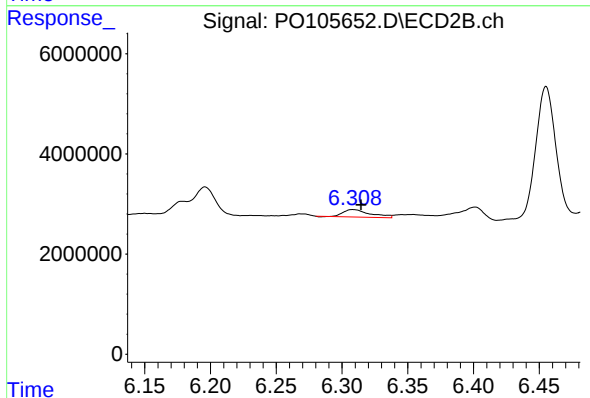
R.T.: 6.824 min
Delta R.T.: -0.006 min
Response: 116406502
Conc: 723.87 ng/ml



#31 AR-1260-1

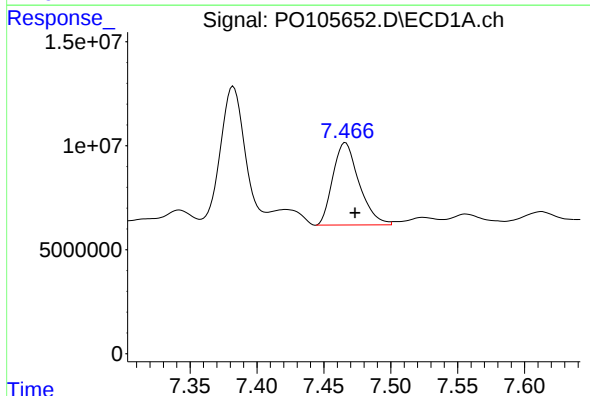
R.T.: 7.221 min
Delta R.T.: 0.002 min
Response: 7808825
Conc: 21.14 ng/ml

Instrument :
ECD_O
ClientSampleId :
T-23



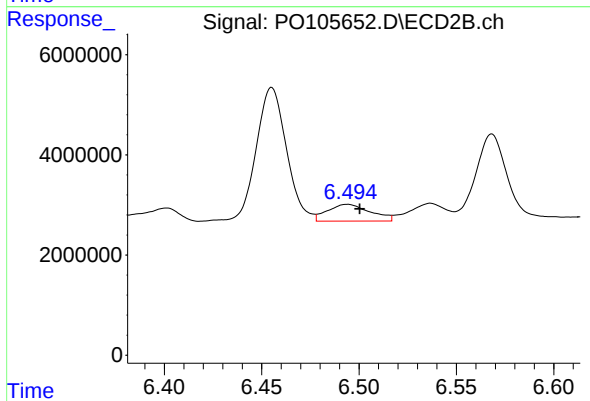
#31 AR-1260-1

R.T.: 6.308 min
Delta R.T.: -0.006 min
Response: 2148415
Conc: 18.14 ng/ml



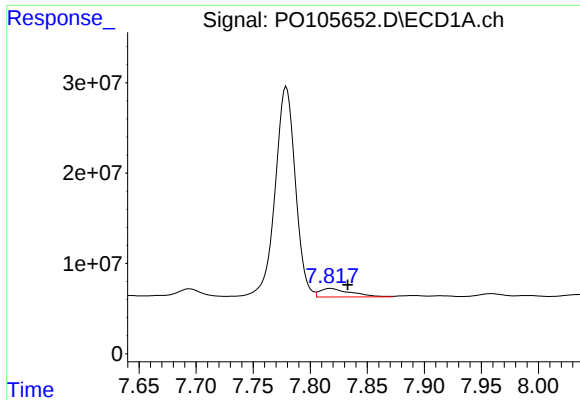
#32 AR-1260-2

R.T.: 7.466 min
Delta R.T.: -0.007 min
Response: 54039387
Conc: 125.10 ng/ml



#32 AR-1260-2

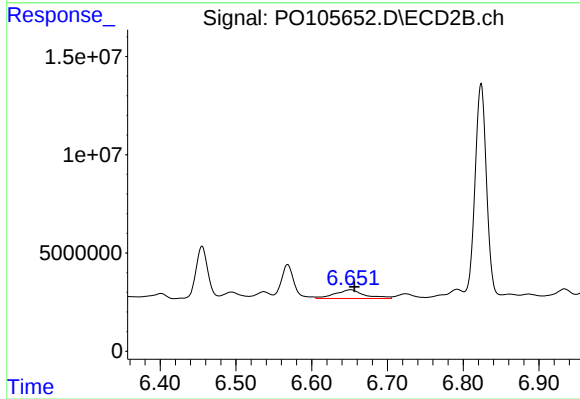
R.T.: 6.494 min
Delta R.T.: -0.006 min
Response: 5103186
Conc: 34.78 ng/ml



#33 AR-1260-3

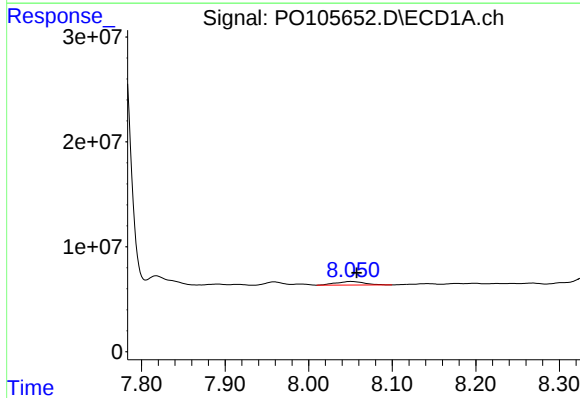
R.T.: 7.818 min
Delta R.T.: -0.015 min
Response: 17922965
Conc: 66.18 ng/ml

Instrument :
ECD_O
ClientSampleId :
T-23



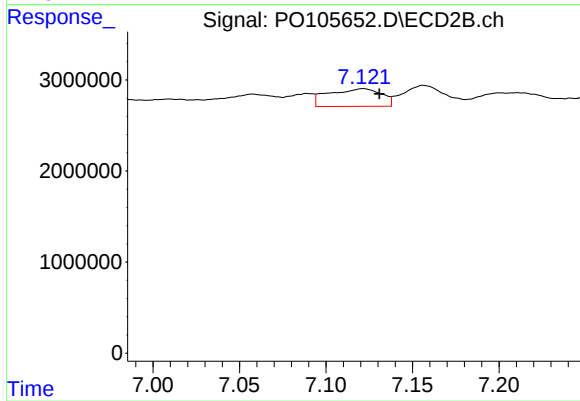
#33 AR-1260-3

R.T.: 6.651 min
Delta R.T.: -0.005 min
Response: 11911291
Conc: 77.54 ng/ml



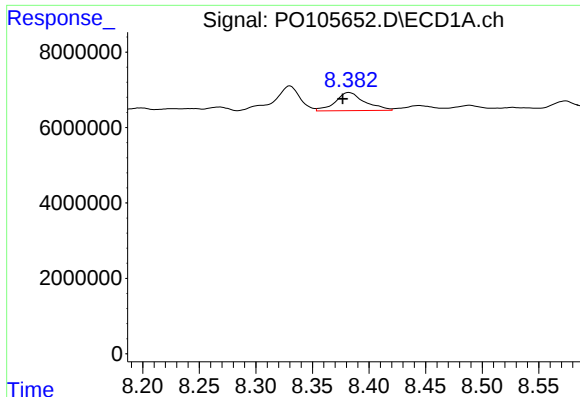
#34 AR-1260-4

R.T.: 8.051 min
Delta R.T.: -0.007 min
Response: 8085499
Conc: 25.40 ng/ml



#34 AR-1260-4

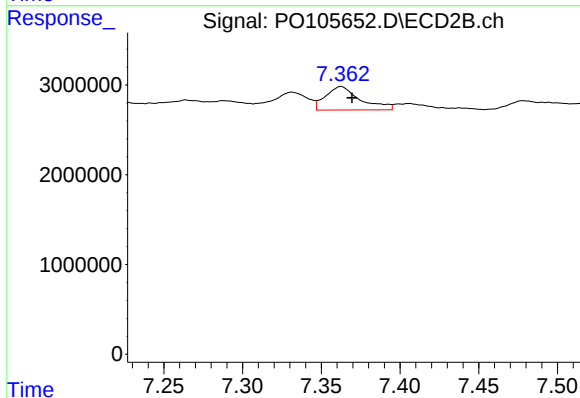
R.T.: 7.122 min
Delta R.T.: -0.009 min
Response: 4103620
Conc: 41.81 ng/ml



#35 AR-1260-5

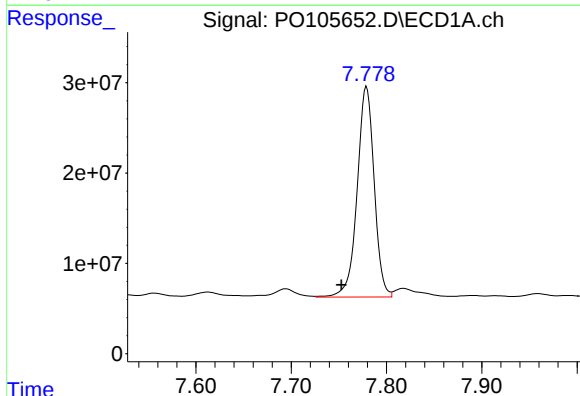
R.T.: 8.382 min
Delta R.T.: 0.006 min
Response: 8741997
Conc: 14.03 ng/ml

Instrument :
ECD_O
ClientSampleId :
T-23



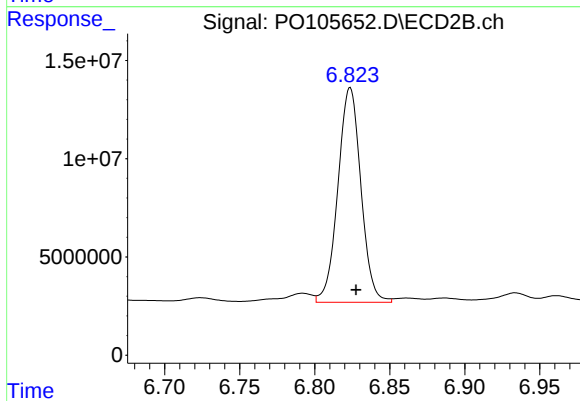
#35 AR-1260-5

R.T.: 7.363 min
Delta R.T.: -0.007 min
Response: 4011395
Conc: 16.58 ng/ml



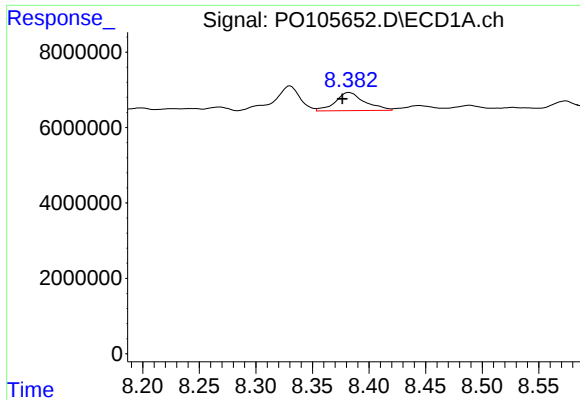
#36 AR-1262-1

R.T.: 7.779 min
Delta R.T.: 0.026 min
Response: 288874541
Conc: 999.41 ng/ml



#36 AR-1262-1

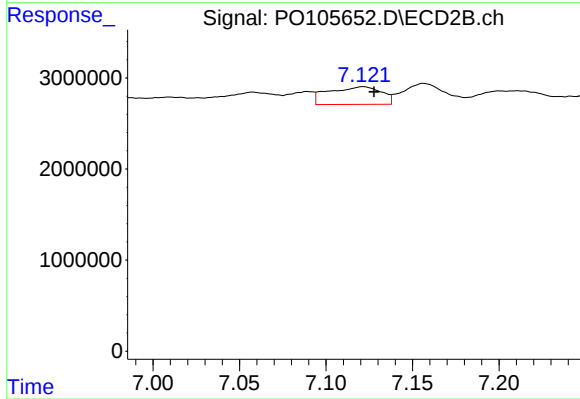
R.T.: 6.824 min
Delta R.T.: -0.004 min
Response: 116406502
Conc: 1427.25 ng/ml



#37 AR-1262-2

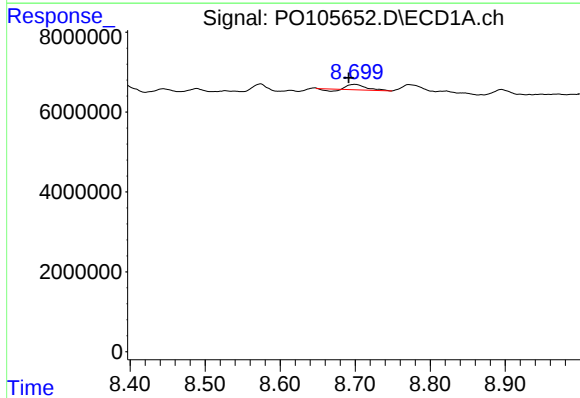
R.T.: 8.382 min
Delta R.T.: 0.006 min
Response: 8741997
Conc: 11.38 ng/ml

Instrument :
ECD_O
ClientSampleId :
T-23



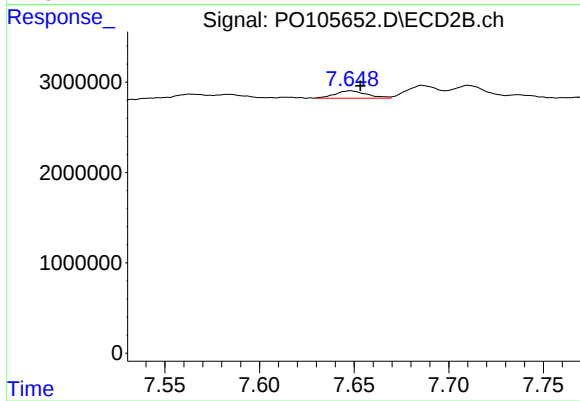
#37 AR-1262-2

R.T.: 7.122 min
Delta R.T.: -0.006 min
Response: 4103620
Conc: 29.16 ng/ml



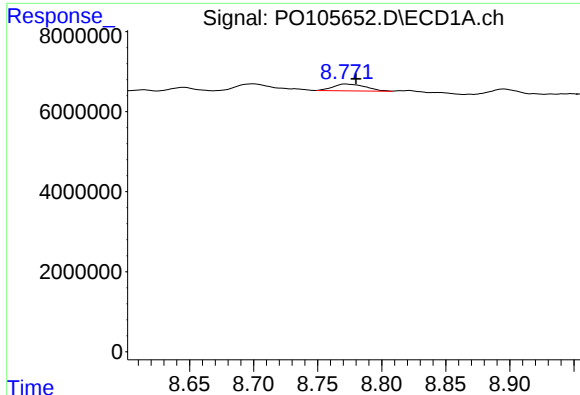
#38 AR-1262-3

R.T.: 8.700 min
Delta R.T.: 0.009 min
Response: 1924410
Conc: 3.82 ng/ml



#38 AR-1262-3

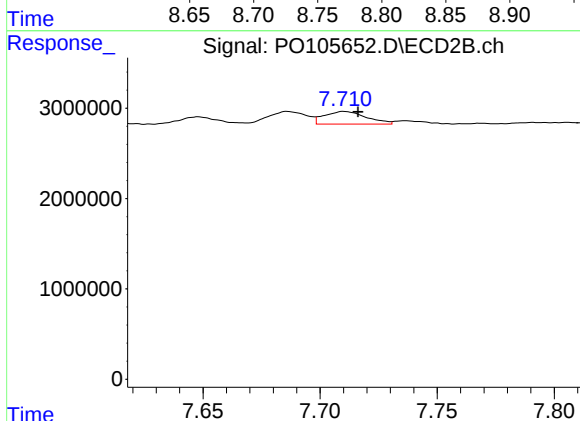
R.T.: 7.648 min
Delta R.T.: -0.005 min
Response: 944873
Conc: 8.78 ng/ml



#39 AR-1262-4

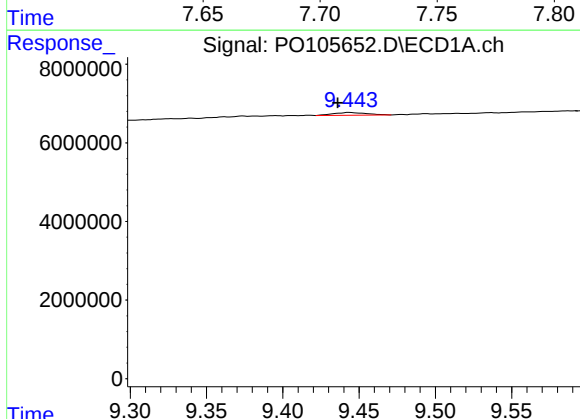
R.T.: 8.772 min
Delta R.T.: -0.008 min
Response: 2994444
Conc: 8.07 ng/ml

Instrument :
ECD_O
ClientSampleId :
T-23



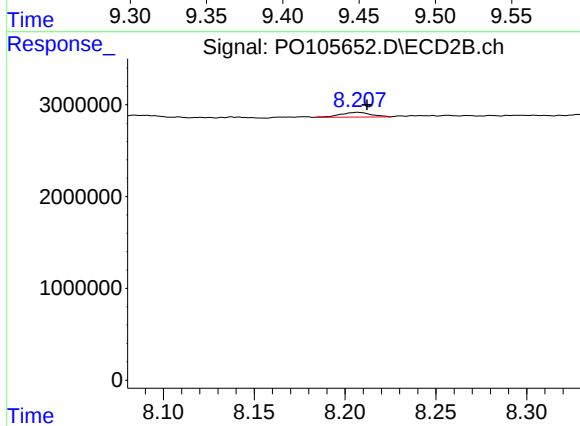
#39 AR-1262-4

R.T.: 7.710 min
Delta R.T.: -0.006 min
Response: 1761522
Conc: 8.46 ng/ml



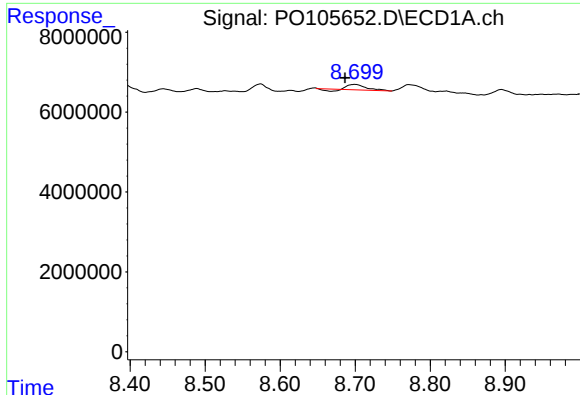
#40 AR-1262-5

R.T.: 9.444 min
Delta R.T.: 0.008 min
Response: 1025365
Conc: 3.93 ng/ml



#40 AR-1262-5

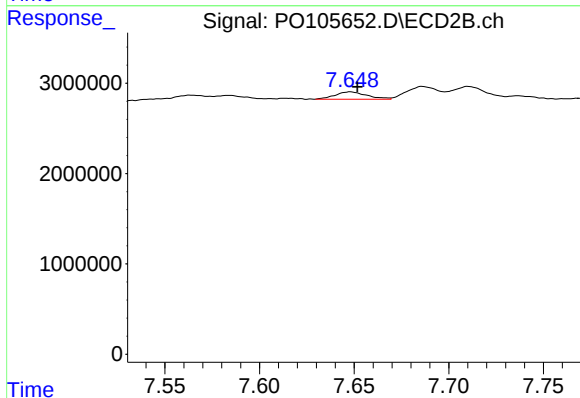
R.T.: 8.207 min
Delta R.T.: -0.005 min
Response: 602744
Conc: 6.46 ng/ml



#41 AR-1268-1

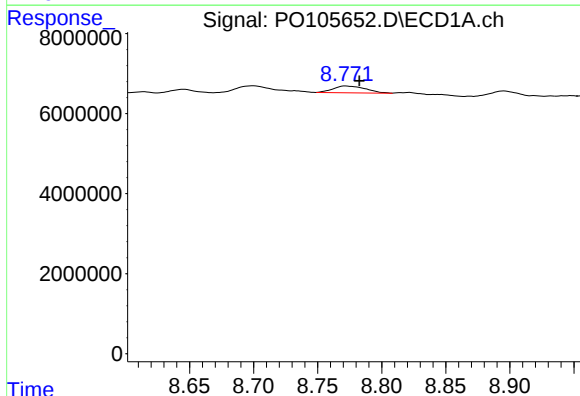
R.T.: 8.700 min
Delta R.T.: 0.013 min
Response: 1924410
Conc: 2.28 ng/ml

Instrument :
ECD_O
ClientSampleId :
T-23



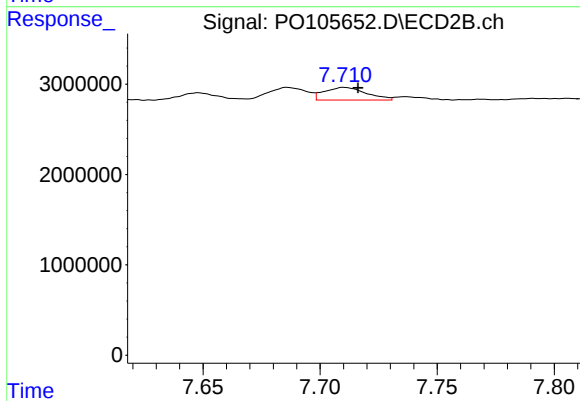
#41 AR-1268-1

R.T.: 7.648 min
Delta R.T.: -0.004 min
Response: 944873
Conc: 3.03 ng/ml



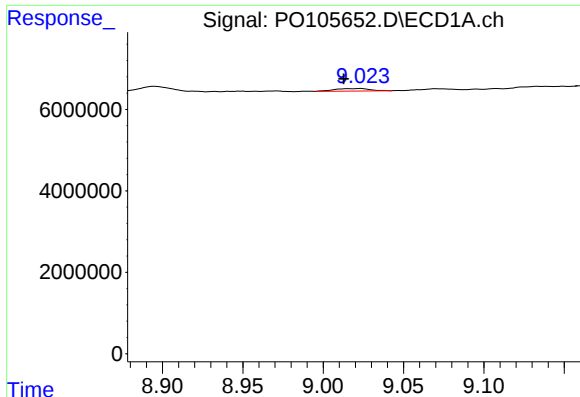
#42 AR-1268-2

R.T.: 8.772 min
Delta R.T.: -0.011 min
Response: 2994444
Conc: 3.98 ng/ml



#42 AR-1268-2

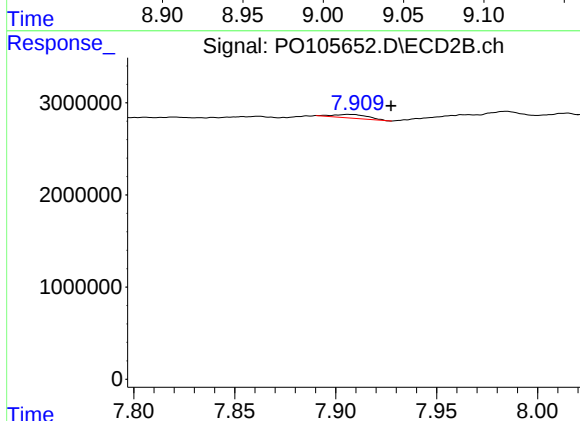
R.T.: 7.710 min
Delta R.T.: -0.006 min
Response: 1761522
Conc: 6.24 ng/ml



#43 AR-1268-3

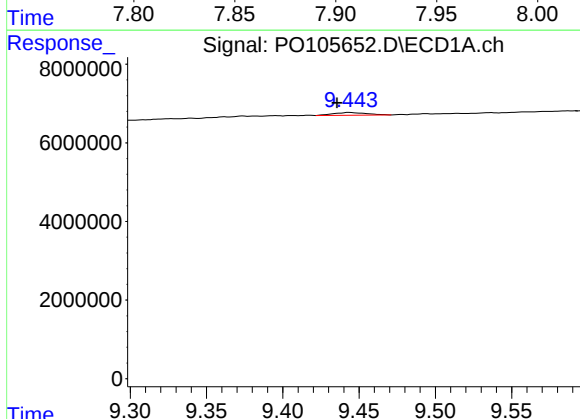
R.T.: 9.023 min
Delta R.T.: 0.011 min
Response: 909022
Conc: 1.43 ng/ml

Instrument :
ECD_O
ClientSampleId :
T-23



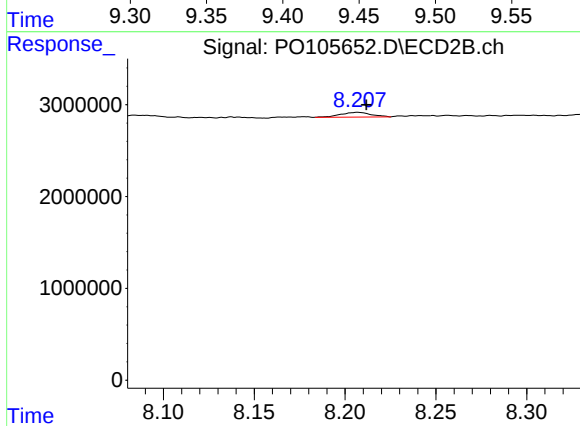
#43 AR-1268-3

R.T.: 7.907 min
Delta R.T.: -0.020 min
Response: 469581
Conc: 2.02 ng/ml



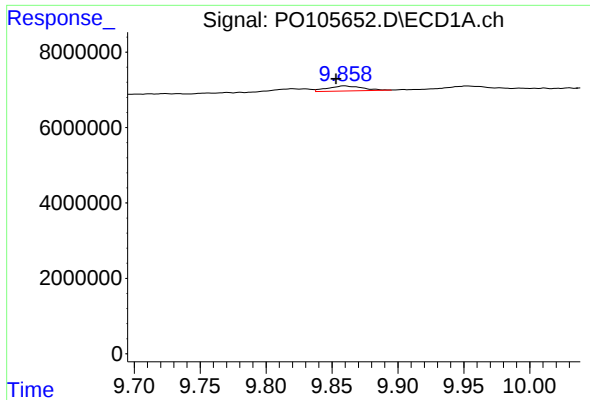
#44 AR-1268-4

R.T.: 9.444 min
Delta R.T.: 0.008 min
Response: 1025365
Conc: 3.73 ng/ml



#44 AR-1268-4

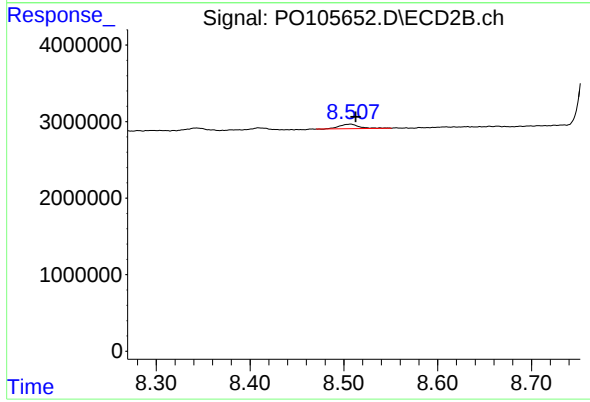
R.T.: 8.207 min
Delta R.T.: -0.005 min
Response: 602744
Conc: 6.13 ng/ml



#45 AR-1268-5

R.T.: 9.859 min
Delta R.T.: 0.006 min
Response: 2410299
Conc: 1.15 ng/ml

Instrument :
ECD_O
ClientSampleId :
T-23



#45 AR-1268-5

R.T.: 8.507 min
Delta R.T.: -0.005 min
Response: 895421
Conc: 1.19 ng/ml