

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0010924\
 Data File : P0101015.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Jan 2024 18:19
 Operator : YP/AJ
 Sample : P1073-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 69-2-TP

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 10 01:15:18 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0122023.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Dec 21 04:28:19 2023
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds							
1)	SA Tetrachlo...	4.344	3.639	88865693	57858812	28.480	28.315
2)	SA Decachlor...	10.091	8.699	43298012	35530015	20.726	23.540
Target Compounds							
3)	L1 AR-1016-1	5.526	4.739	946930	2781199	11.033	44.942 #
4)	L1 AR-1016-2	5.536	4.770	818666	1044821	6.413	11.850 #
5)	L1 AR-1016-3	5.604	4.922	3292796	80971	41.752	1.733 #
6)	L1 AR-1016-4	5.701	4.986	1955645	876208	32.093	21.351 #
7)	L1 AR-1016-5	5.992	5.179	27523	1352713	0.450	26.040 #
8)	L2 AR-1221-1	4.551	3.859	9567867	83119	258.819	3.310 #
9)	L2 AR-1221-2	4.649	3.926	1064020	7175245	38.314	373.664 #
10)	L2 AR-1221-3	4.748	4.030	303135	208495	3.632	3.543
11)	L3 AR-1232-1	4.748	4.030	303135	208495	4.547	4.410
12)	L3 AR-1232-2	5.209f	4.770	6606295	1044821	188.434	25.050 #
13)	L3 AR-1232-3	5.536	4.922	818666	80971	13.721	3.774 #
14)	L3 AR-1232-4	5.701	5.044	1955645	1146860	71.323	53.978
15)	L3 AR-1232-5	5.799	5.179	1707574	1352713	71.022	61.899
16)	L4 AR-1242-1	5.526	4.739	946930	2781199	13.426	53.251 #
17)	L4 AR-1242-2	5.536	4.770	818666	1044821	7.800	14.416 #
18)	L4 AR-1242-3	5.604	4.922	3292796	80971	50.655	2.113 #
19)	L4 AR-1242-4	5.701	5.044	1955645	1146860	39.053	27.515 #
20)	L4 AR-1242-5	6.484f	5.557	6789821	1650887	131.187	35.971 #
21)	L5 AR-1248-1	5.526	4.739	946930	2781199	17.261	69.550 #
22)	L5 AR-1248-2	5.799	4.986	1707574	876208	19.771	14.564 #
23)	L5 AR-1248-3	5.992	5.044	27523	1146860	0.314	18.347 #
24)	L5 AR-1248-4	6.396	5.179	406041	1352713	4.516	18.780 #
25)	L5 AR-1248-5	6.396f	5.609	406041	2923096	4.524	47.382 #
26)	L6 AR-1254-1	6.378	5.557	586830	1650887	5.583	16.086 #
27)	L6 AR-1254-2	6.586	5.691	1418102	5305443	9.604	57.749 #
28)	L6 AR-1254-3	6.963	6.108	534180	7395416	3.815	54.684 #
29)	L6 AR-1254-4	7.248	6.335	32198	1399918	0.379	19.408 #
30)	L6 AR-1254-5	7.657	6.751	763609	1874815	6.453	16.271 #
31)	L7 AR-1260-1	7.084f	6.239	702736	2721748	5.130	28.574 #
32)	L7 AR-1260-2	7.399	6.410	2544695	2222864	20.233	20.681
33)	L7 AR-1260-3	7.744	6.555	264352	1395694	2.729	13.617 #
34)	L7 AR-1260-4	7.958	7.045	629651	30867	5.967	0.379 #
35)	L7 AR-1260-5	8.309	7.299	1030604	220885	4.882	1.224 #
36)	L8 AR-1262-1	7.657	6.751	763609	1874815	7.644	30.055 #
37)	L8 AR-1262-2	8.309	7.045	1030604	30867	4.343	0.273 #
38)	L8 AR-1262-3	8.591	7.585	341652	330280	2.104	4.289 #
39)	L8 AR-1262-4	8.693	7.649	440174	214821	3.414	1.454 #
40)	L8 AR-1262-5	9.283f	8.146	25983	52184	0.326	0.816 #
41)	L9 AR-1268-1	8.591	7.585	341652	330280	1.209	1.490

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0010924\
Data File : P0101015.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Jan 2024 18:19
Operator : YP/AJ
Sample : P1073-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

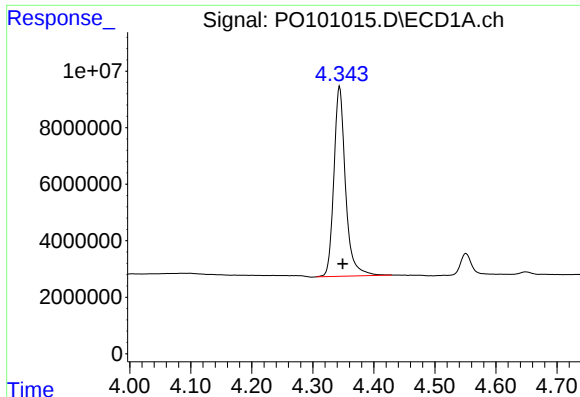
Instrument :
ECD_O
ClientSampleId :
69-2-TP

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 10 01:15:18 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0122023.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Dec 21 04:28:19 2023
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42)	L9 AR-1268-2	8.693	7.649	440174	214821	1.742	1.062 #
43)	L9 AR-1268-3	8.947	7.854	16049	1125726	0.070	5.967 #
44)	L9 AR-1268-4	9.283f	8.146	25983	52184	0.332	0.777 #
45)	L9 AR-1268-5	9.757	8.440	439113	271917	0.612	0.524

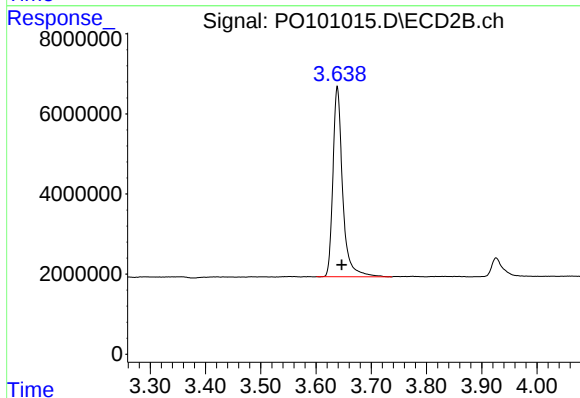
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

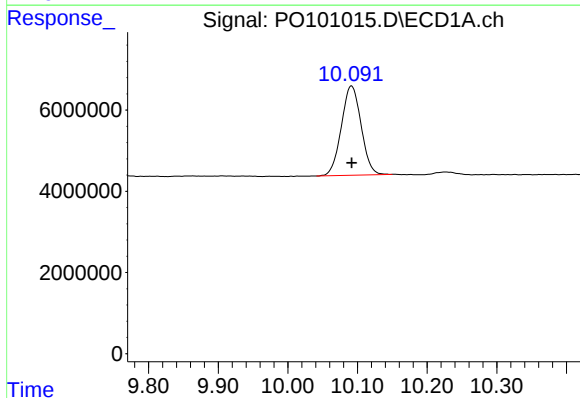
R.T.: 4.344 min
Delta R.T.: -0.005 min
Response: 88865693
Conc: 28.48 ng/ml

Instrument :
ECD_O
ClientSampleId :
69-2-TP



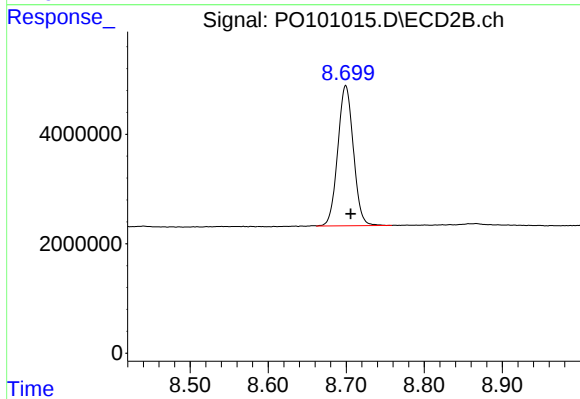
#1 Tetrachloro-m-xylene

R.T.: 3.639 min
Delta R.T.: -0.008 min
Response: 57858812
Conc: 28.31 ng/ml



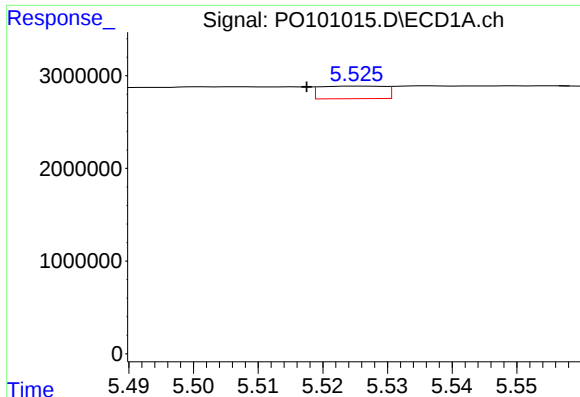
#2 Decachlorobiphenyl

R.T.: 10.091 min
Delta R.T.: 0.000 min
Response: 43298012
Conc: 20.73 ng/ml



#2 Decachlorobiphenyl

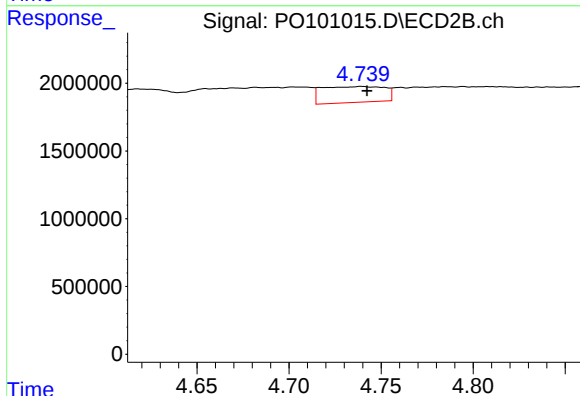
R.T.: 8.699 min
Delta R.T.: -0.007 min
Response: 35530015
Conc: 23.54 ng/ml



#3 AR-1016-1

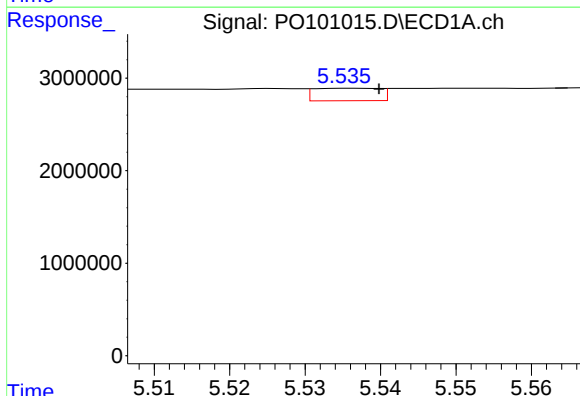
R.T.: 5.526 min
Delta R.T.: 0.008 min
Response: 946930
Conc: 11.03 ng/ml

Instrument :
ECD_O
ClientSampleId :
69-2-TP



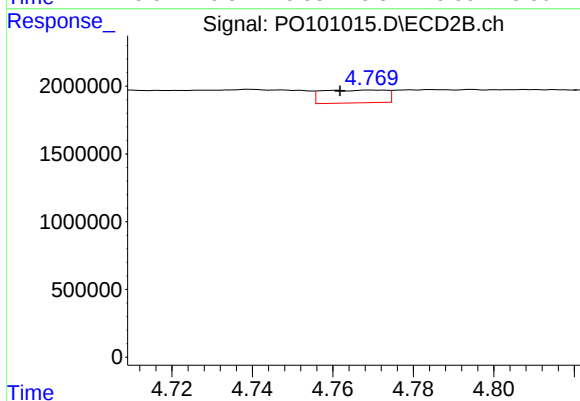
#3 AR-1016-1

R.T.: 4.739 min
Delta R.T.: -0.003 min
Response: 2781199
Conc: 44.94 ng/ml



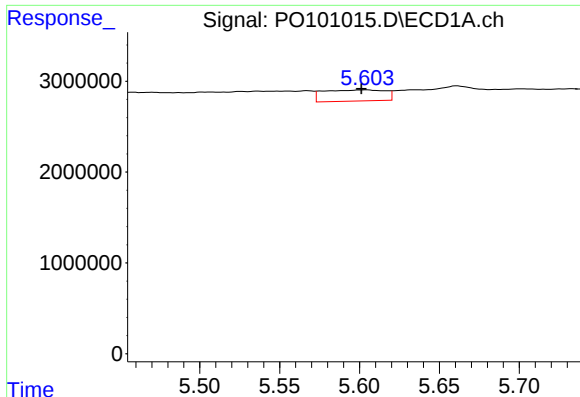
#4 AR-1016-2

R.T.: 5.536 min
Delta R.T.: -0.004 min
Response: 818666
Conc: 6.41 ng/ml



#4 AR-1016-2

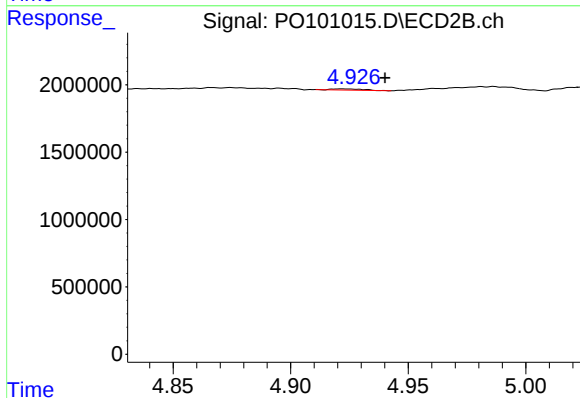
R.T.: 4.770 min
Delta R.T.: 0.008 min
Response: 1044821
Conc: 11.85 ng/ml



#5 AR-1016-3

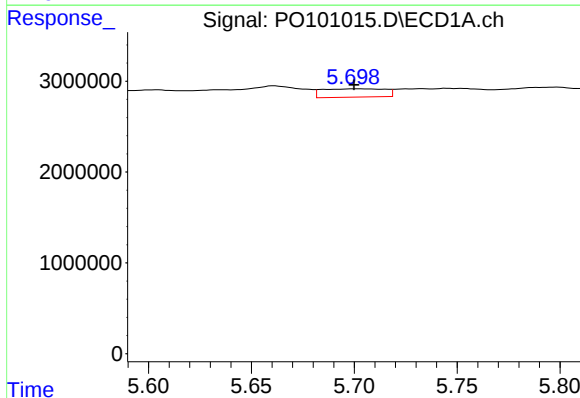
R.T.: 5.604 min
Delta R.T.: 0.003 min
Response: 3292796
Conc: 41.75 ng/ml

Instrument :
ECD_O
ClientSampleId :
69-2-TP



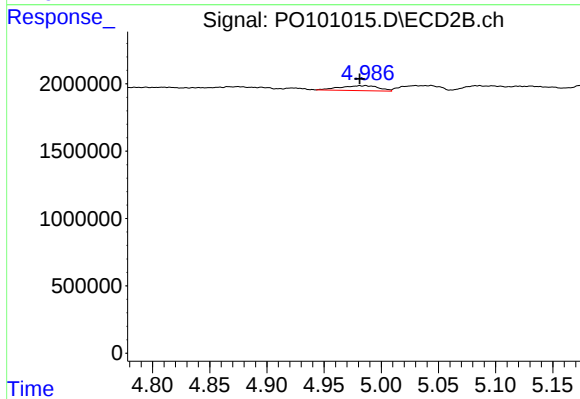
#5 AR-1016-3

R.T.: 4.922 min
Delta R.T.: -0.018 min
Response: 80971
Conc: 1.73 ng/ml



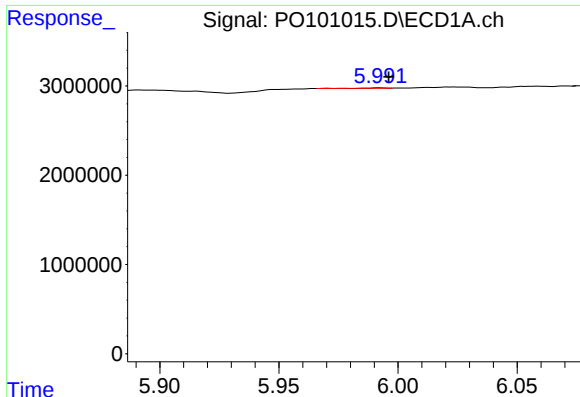
#6 AR-1016-4

R.T.: 5.701 min
Delta R.T.: 0.000 min
Response: 1955645
Conc: 32.09 ng/ml



#6 AR-1016-4

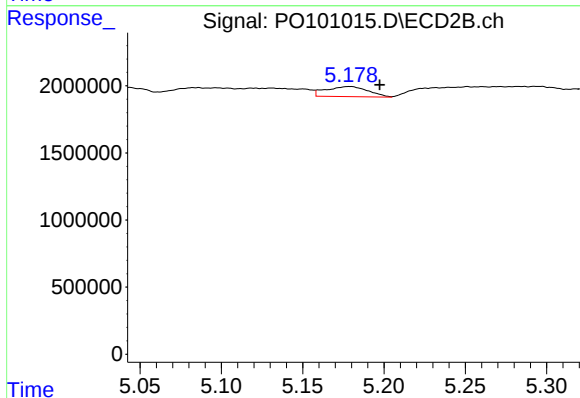
R.T.: 4.986 min
Delta R.T.: 0.005 min
Response: 876208
Conc: 21.35 ng/ml



#7 AR-1016-5

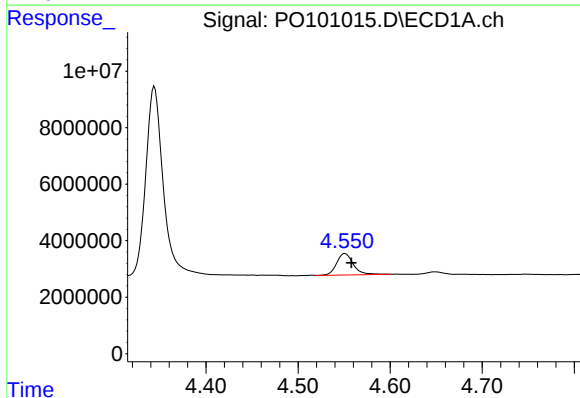
R.T.: 5.992 min
Delta R.T.: -0.004 min
Response: 27523
Conc: 0.45 ng/ml

Instrument :
ECD_O
ClientSampleId :
69-2-TP



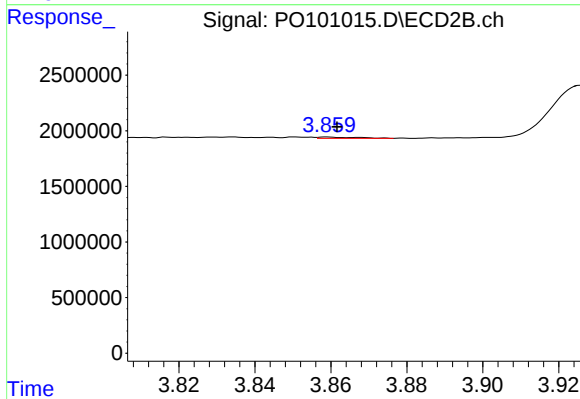
#7 AR-1016-5

R.T.: 5.179 min
Delta R.T.: -0.018 min
Response: 1352713
Conc: 26.04 ng/ml



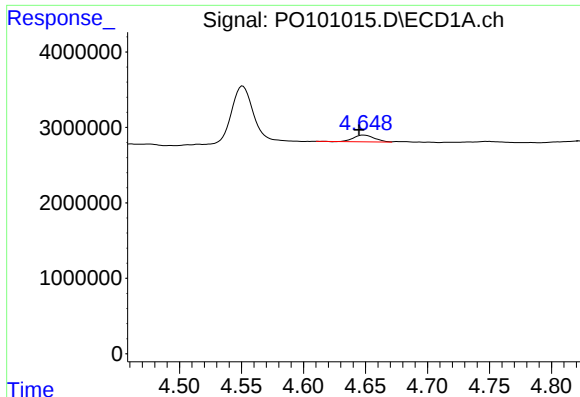
#8 AR-1221-1

R.T.: 4.551 min
Delta R.T.: -0.007 min
Response: 9567867
Conc: 258.82 ng/ml



#8 AR-1221-1

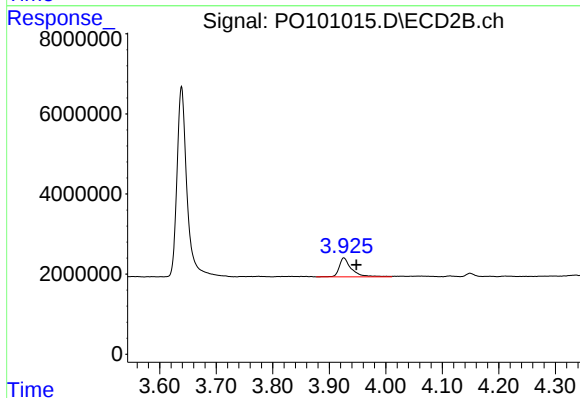
R.T.: 3.859 min
Delta R.T.: -0.003 min
Response: 83119
Conc: 3.31 ng/ml



#9 AR-1221-2

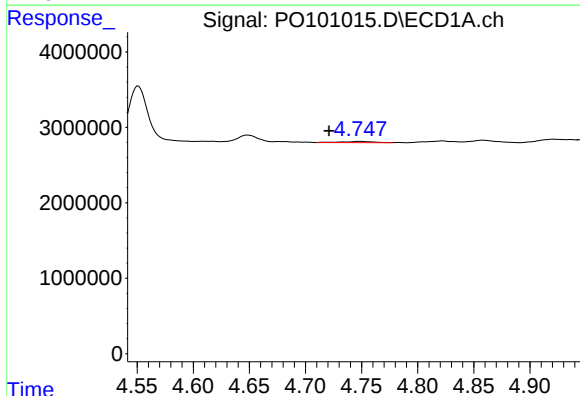
R.T.: 4.649 min
Delta R.T.: 0.004 min
Response: 1064020
Conc: 38.31 ng/ml

Instrument :
ECD_O
ClientSampleId :
69-2-TP



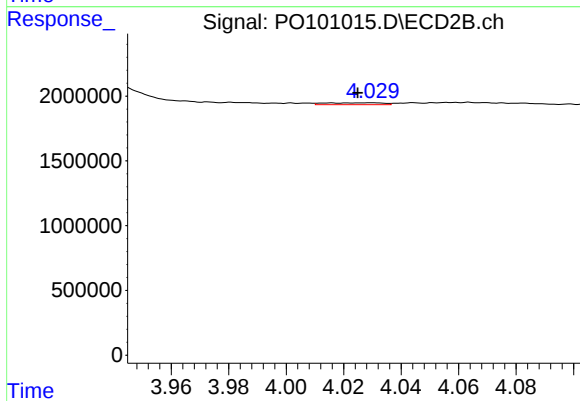
#9 AR-1221-2

R.T.: 3.926 min
Delta R.T.: -0.022 min
Response: 7175245
Conc: 373.66 ng/ml



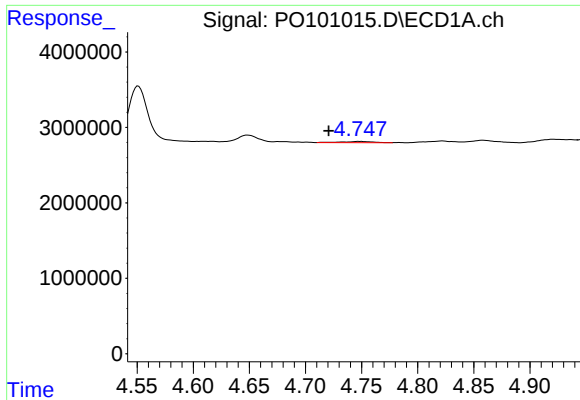
#10 AR-1221-3

R.T.: 4.748 min
Delta R.T.: 0.027 min
Response: 303135
Conc: 3.63 ng/ml



#10 AR-1221-3

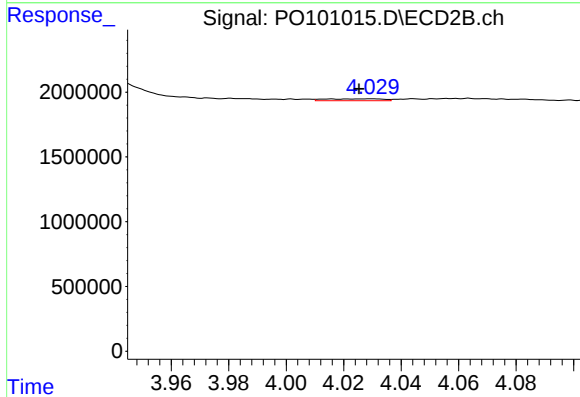
R.T.: 4.030 min
Delta R.T.: 0.005 min
Response: 208495
Conc: 3.54 ng/ml



#11 AR-1232-1

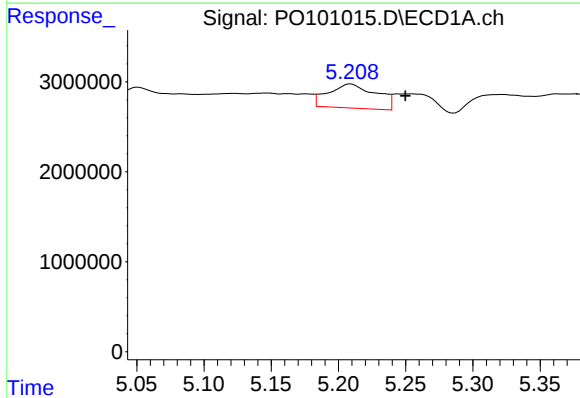
R.T.: 4.748 min
Delta R.T.: 0.027 min
Response: 303135
Conc: 4.55 ng/ml

Instrument :
ECD_O
ClientSampleId :
69-2-TP



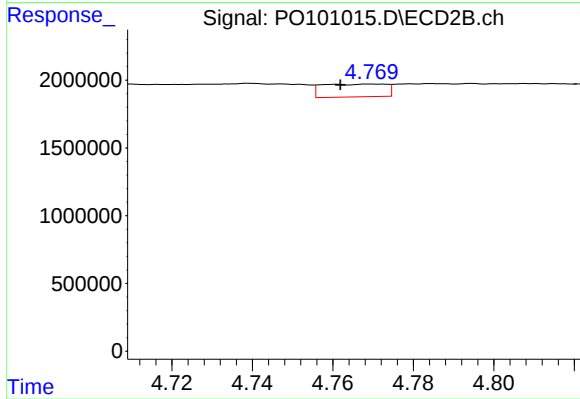
#11 AR-1232-1

R.T.: 4.030 min
Delta R.T.: 0.005 min
Response: 208495
Conc: 4.41 ng/ml



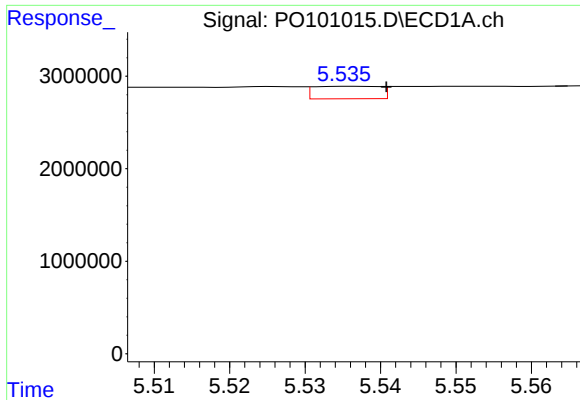
#12 AR-1232-2

R.T.: 5.209 min
Delta R.T.: -0.041 min
Response: 6606295
Conc: 188.43 ng/ml



#12 AR-1232-2

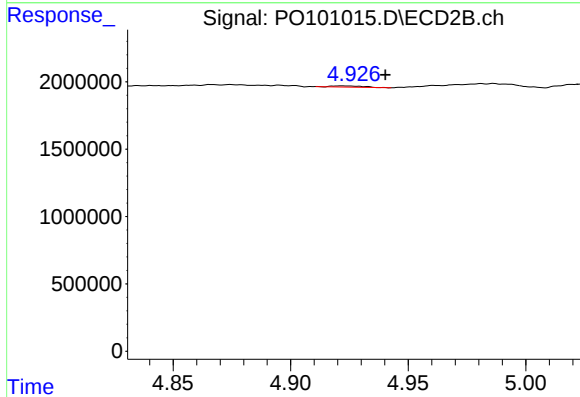
R.T.: 4.770 min
Delta R.T.: 0.008 min
Response: 1044821
Conc: 25.05 ng/ml



#13 AR-1232-3

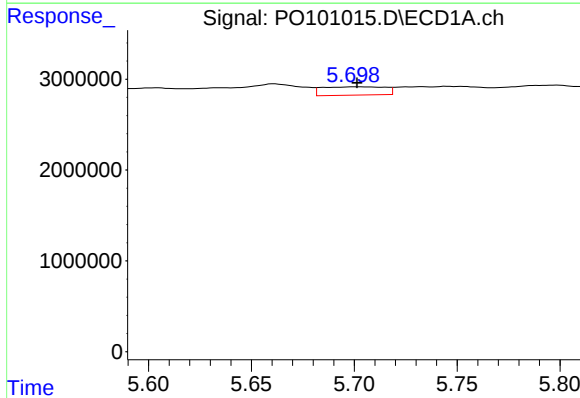
R.T.: 5.536 min
Delta R.T.: -0.005 min
Response: 818666
Conc: 13.72 ng/ml

Instrument :
ECD_O
ClientSampleId :
69-2-TP



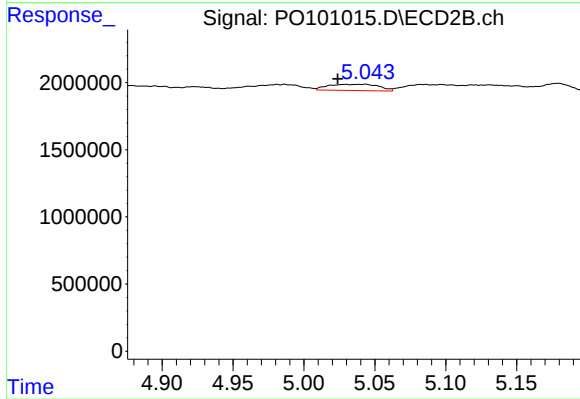
#13 AR-1232-3

R.T.: 4.922 min
Delta R.T.: -0.018 min
Response: 80971
Conc: 3.77 ng/ml



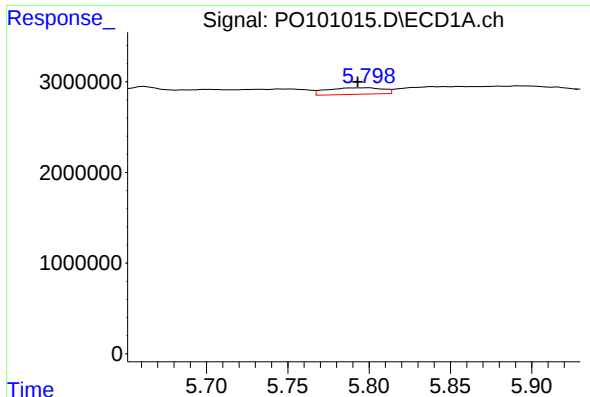
#14 AR-1232-4

R.T.: 5.701 min
Delta R.T.: 0.000 min
Response: 1955645
Conc: 71.32 ng/ml



#14 AR-1232-4

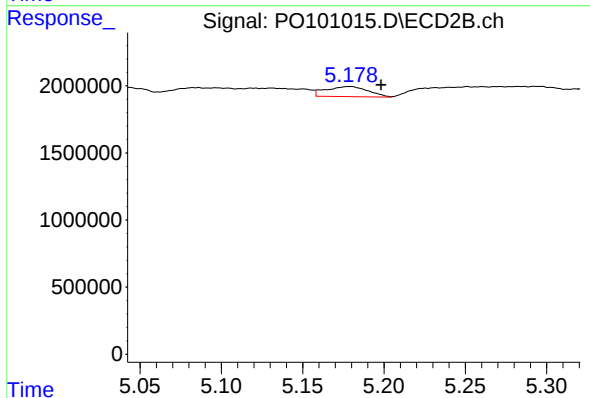
R.T.: 5.044 min
Delta R.T.: 0.020 min
Response: 1146860
Conc: 53.98 ng/ml



#15 AR-1232-5

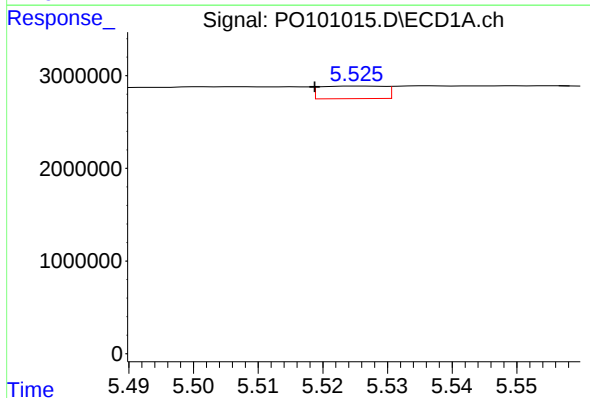
R.T.: 5.799 min
Delta R.T.: 0.006 min
Response: 1707574
Conc: 71.02 ng/ml

Instrument :
ECD_O
ClientSampleId :
69-2-TP



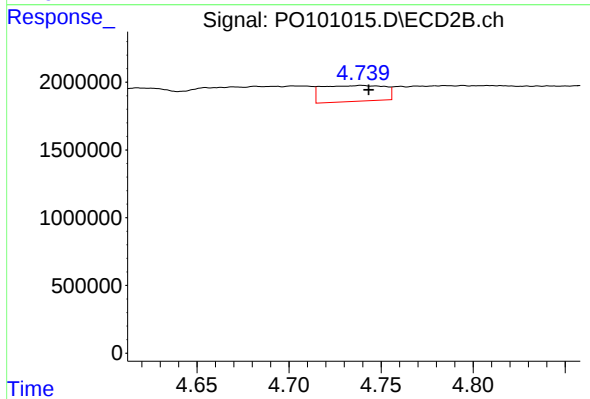
#15 AR-1232-5

R.T.: 5.179 min
Delta R.T.: -0.019 min
Response: 1352713
Conc: 61.90 ng/ml



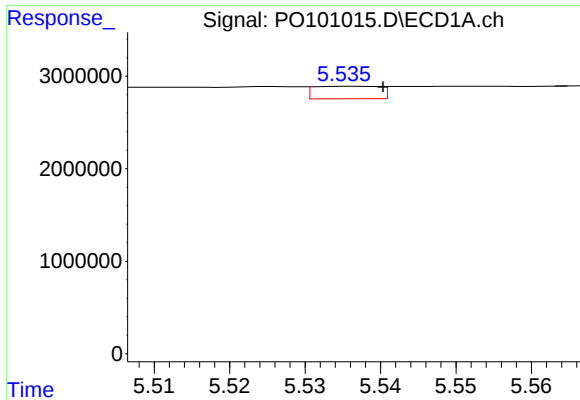
#16 AR-1242-1

R.T.: 5.526 min
Delta R.T.: 0.007 min
Response: 946930
Conc: 13.43 ng/ml



#16 AR-1242-1

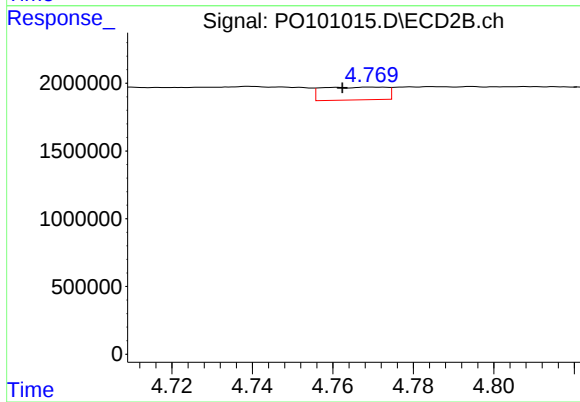
R.T.: 4.739 min
Delta R.T.: -0.004 min
Response: 2781199
Conc: 53.25 ng/ml



#17 AR-1242-2

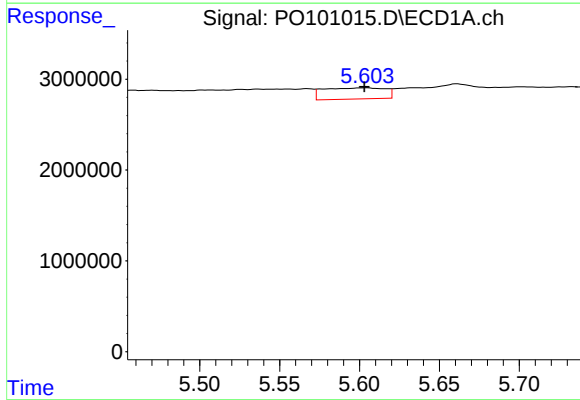
R.T.: 5.536 min
Delta R.T.: -0.004 min
Response: 818666
Conc: 7.80 ng/ml

Instrument :
ECD_O
ClientSampleId :
69-2-TP



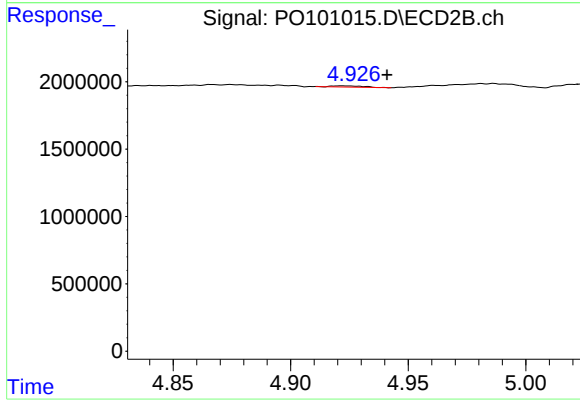
#17 AR-1242-2

R.T.: 4.770 min
Delta R.T.: 0.008 min
Response: 1044821
Conc: 14.42 ng/ml



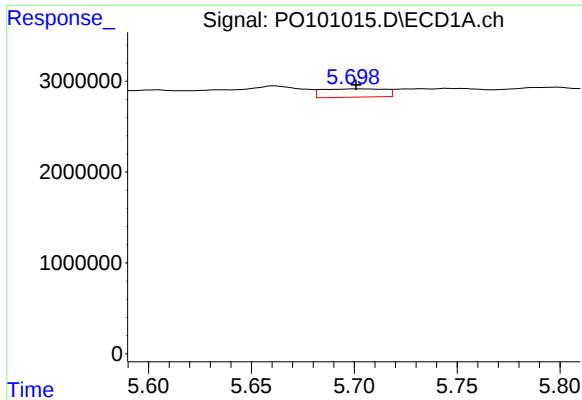
#18 AR-1242-3

R.T.: 5.604 min
Delta R.T.: 0.001 min
Response: 3292796
Conc: 50.65 ng/ml



#18 AR-1242-3

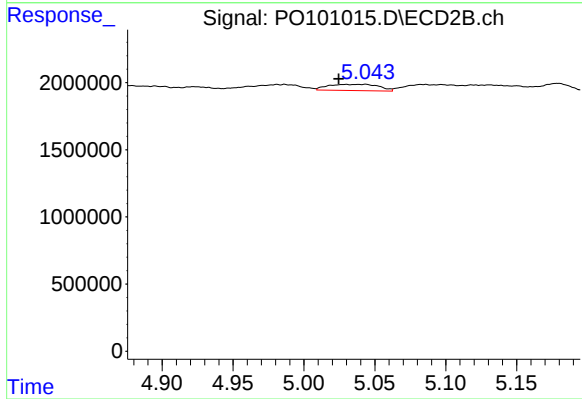
R.T.: 4.922 min
Delta R.T.: -0.019 min
Response: 80971
Conc: 2.11 ng/ml



#19 AR-1242-4

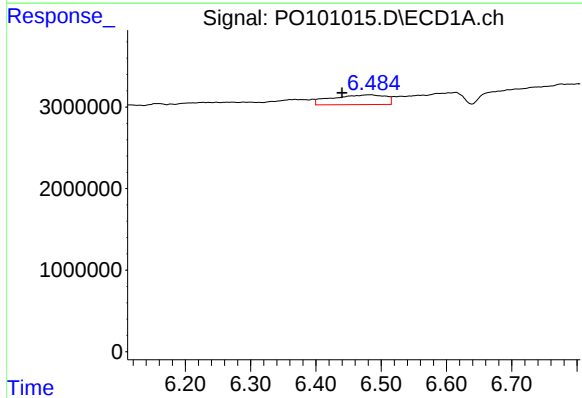
R.T.: 5.701 min
Delta R.T.: 0.000 min
Response: 1955645
Conc: 39.05 ng/ml

Instrument :
ECD_O
ClientSampleId :
69-2-TP



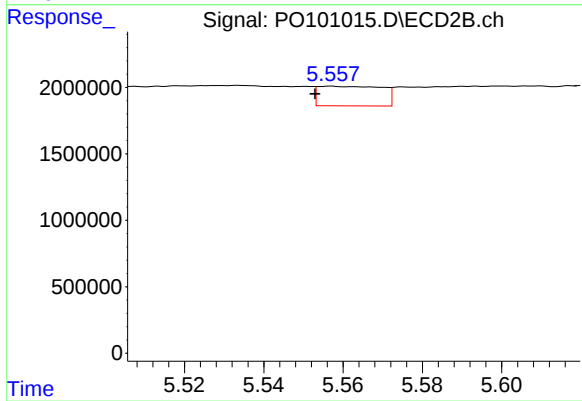
#19 AR-1242-4

R.T.: 5.044 min
Delta R.T.: 0.019 min
Response: 1146860
Conc: 27.51 ng/ml



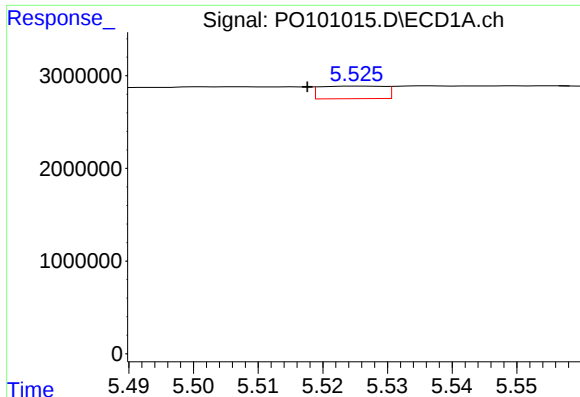
#20 AR-1242-5

R.T.: 6.484 min
Delta R.T.: 0.044 min
Response: 6789821
Conc: 131.19 ng/ml



#20 AR-1242-5

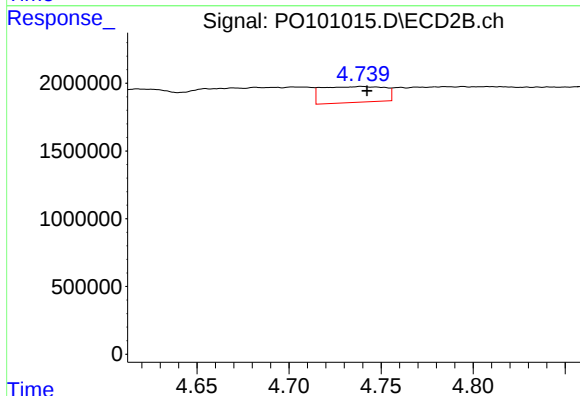
R.T.: 5.557 min
Delta R.T.: 0.004 min
Response: 1650887
Conc: 35.97 ng/ml



#21 AR-1248-1

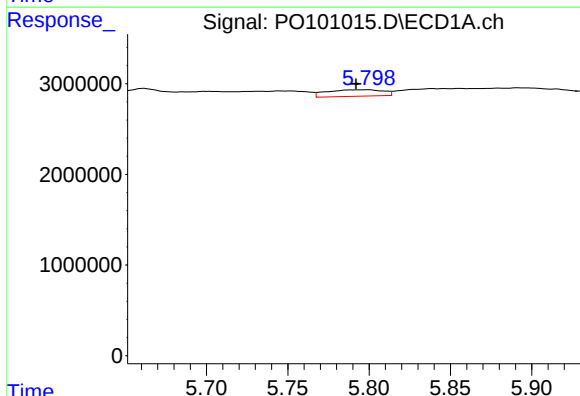
R.T.: 5.526 min
Delta R.T.: 0.008 min
Response: 946930
Conc: 17.26 ng/ml

Instrument :
ECD_O
ClientSampleId :
69-2-TP



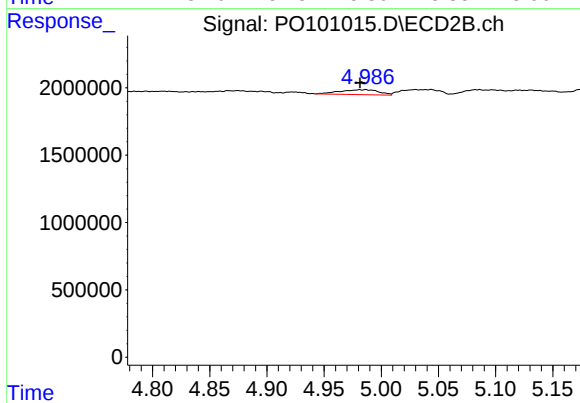
#21 AR-1248-1

R.T.: 4.739 min
Delta R.T.: -0.003 min
Response: 2781199
Conc: 69.55 ng/ml



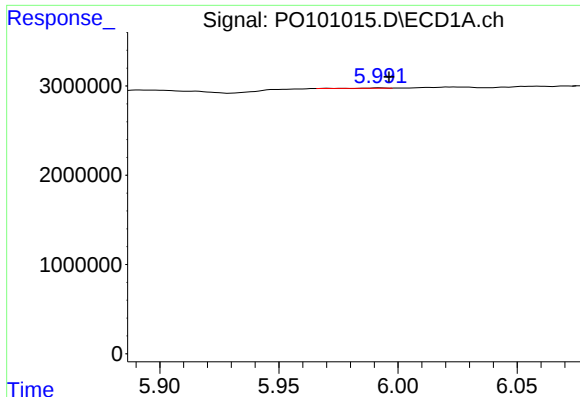
#22 AR-1248-2

R.T.: 5.799 min
Delta R.T.: 0.007 min
Response: 1707574
Conc: 19.77 ng/ml



#22 AR-1248-2

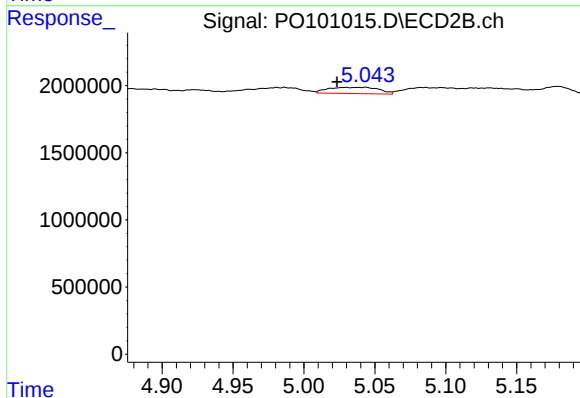
R.T.: 4.986 min
Delta R.T.: 0.005 min
Response: 876208
Conc: 14.56 ng/ml



#23 AR-1248-3

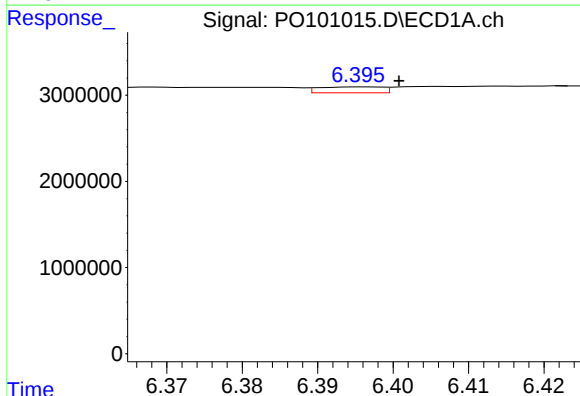
R.T.: 5.992 min
Delta R.T.: -0.004 min
Response: 27523
Conc: 0.31 ng/ml

Instrument :
ECD_O
ClientSampleId :
69-2-TP



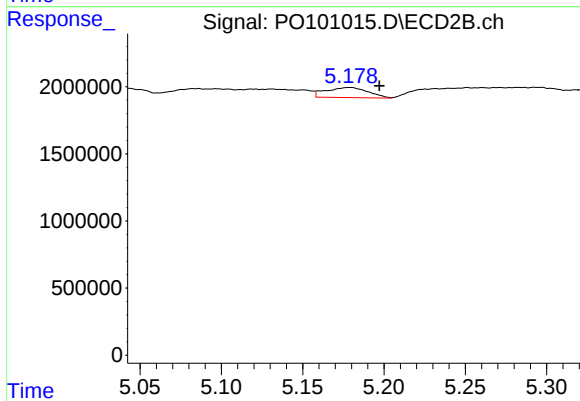
#23 AR-1248-3

R.T.: 5.044 min
Delta R.T.: 0.020 min
Response: 1146860
Conc: 18.35 ng/ml



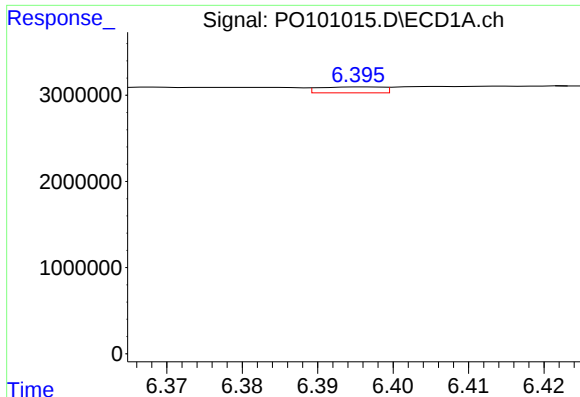
#24 AR-1248-4

R.T.: 6.396 min
Delta R.T.: -0.005 min
Response: 406041
Conc: 4.52 ng/ml



#24 AR-1248-4

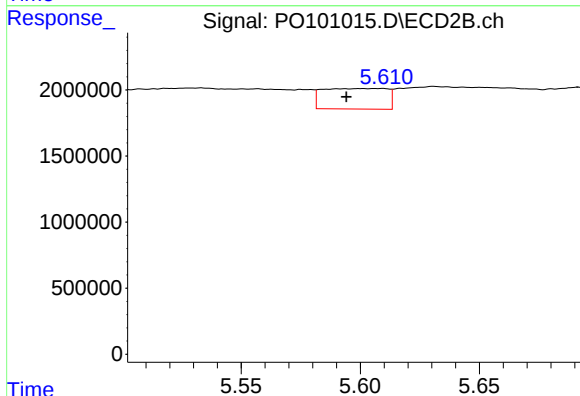
R.T.: 5.179 min
Delta R.T.: -0.018 min
Response: 1352713
Conc: 18.78 ng/ml



#25 AR-1248-5

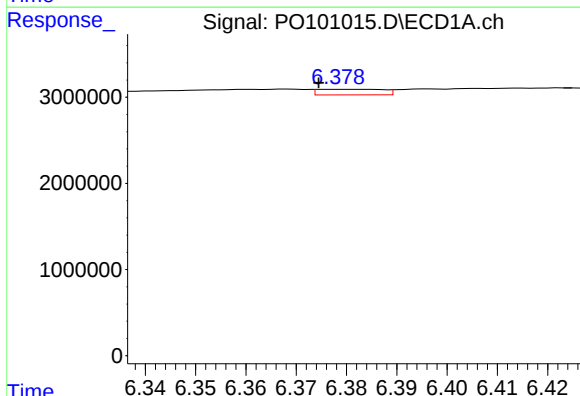
R.T.: 6.396 min
Delta R.T.: -0.043 min
Response: 406041
Conc: 4.52 ng/ml

Instrument :
ECD_O
ClientSampleId :
69-2-TP



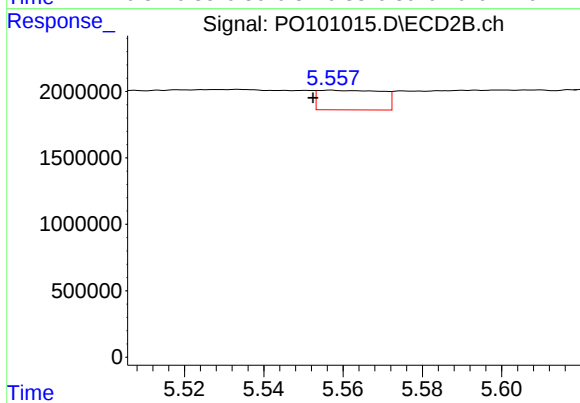
#25 AR-1248-5

R.T.: 5.609 min
Delta R.T.: 0.015 min
Response: 2923096
Conc: 47.38 ng/ml



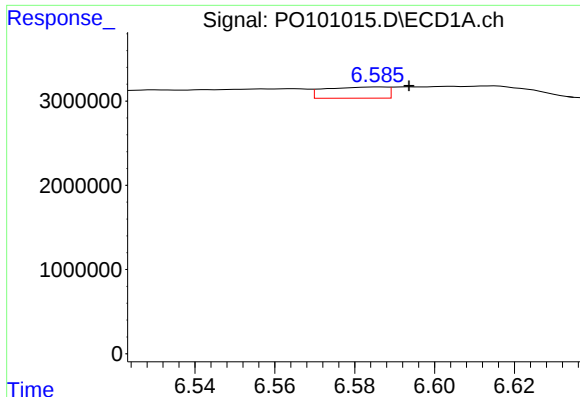
#26 AR-1254-1

R.T.: 6.378 min
Delta R.T.: 0.004 min
Response: 586830
Conc: 5.58 ng/ml



#26 AR-1254-1

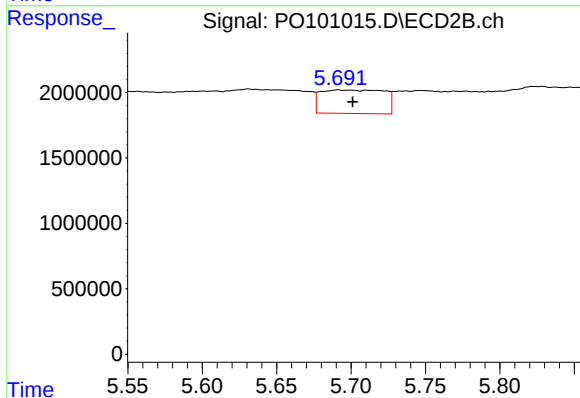
R.T.: 5.557 min
Delta R.T.: 0.004 min
Response: 1650887
Conc: 16.09 ng/ml



#27 AR-1254-2

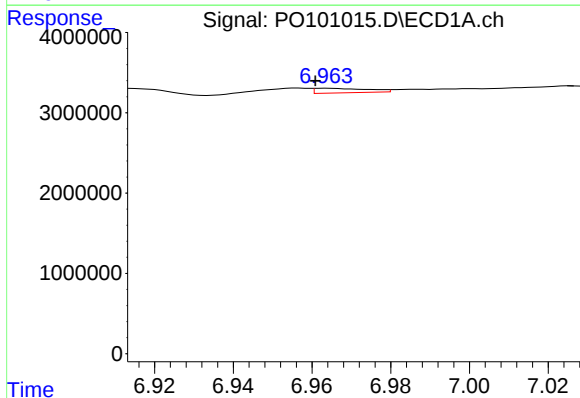
R.T.: 6.586 min
Delta R.T.: -0.008 min
Response: 1418102
Conc: 9.60 ng/ml

Instrument :
ECD_O
ClientSampleId :
69-2-TP



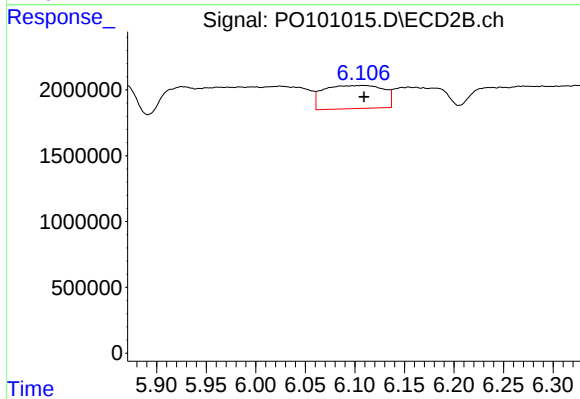
#27 AR-1254-2

R.T.: 5.691 min
Delta R.T.: -0.010 min
Response: 5305443
Conc: 57.75 ng/ml



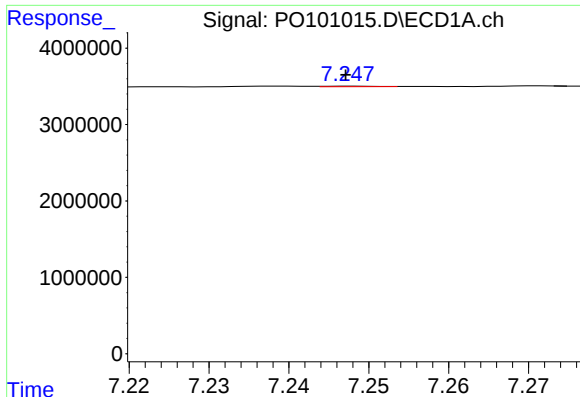
#28 AR-1254-3

R.T.: 6.963 min
Delta R.T.: 0.002 min
Response: 534180
Conc: 3.81 ng/ml



#28 AR-1254-3

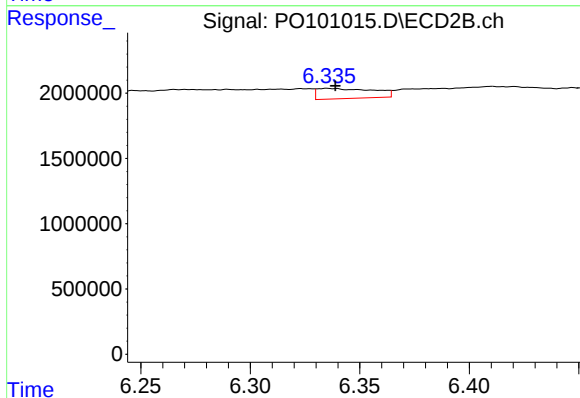
R.T.: 6.108 min
Delta R.T.: -0.001 min
Response: 7395416
Conc: 54.68 ng/ml



#29 AR-1254-4

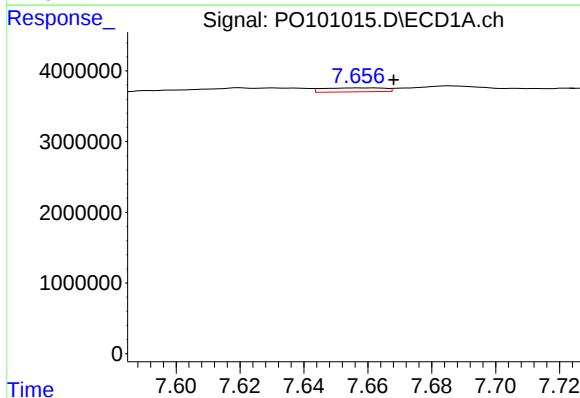
R.T.: 7.248 min
Delta R.T.: 0.000 min
Response: 32198
Conc: 0.38 ng/ml

Instrument :
ECD_O
ClientSampleId :
69-2-TP



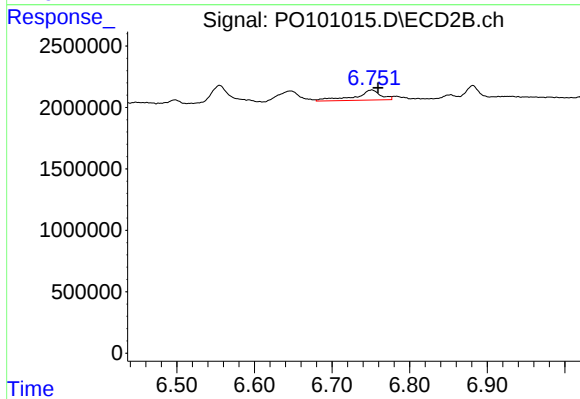
#29 AR-1254-4

R.T.: 6.335 min
Delta R.T.: -0.004 min
Response: 1399918
Conc: 19.41 ng/ml



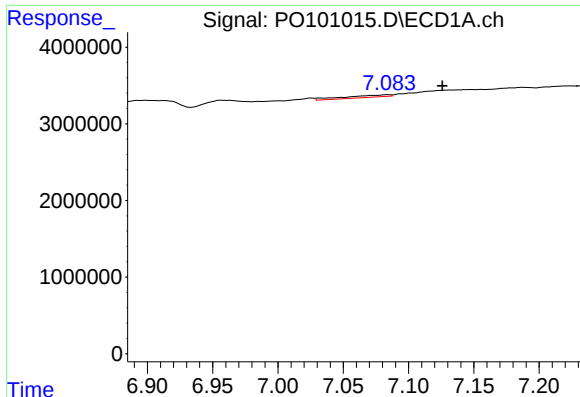
#30 AR-1254-5

R.T.: 7.657 min
Delta R.T.: -0.012 min
Response: 763609
Conc: 6.45 ng/ml



#30 AR-1254-5

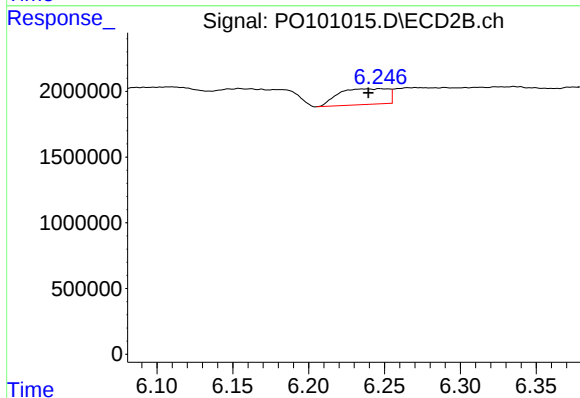
R.T.: 6.751 min
Delta R.T.: -0.008 min
Response: 1874815
Conc: 16.27 ng/ml



#31 AR-1260-1

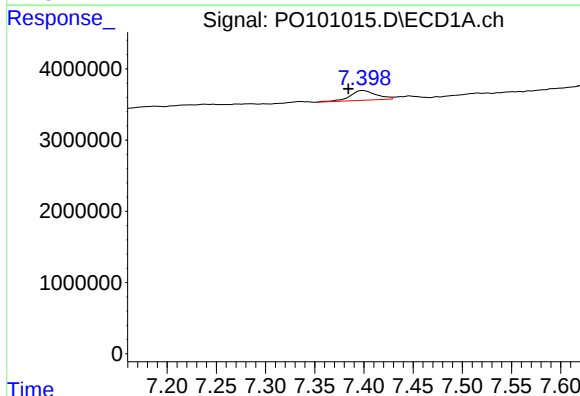
R.T.: 7.084 min
Delta R.T.: -0.042 min
Response: 702736
Conc: 5.13 ng/ml

Instrument :
ECD_O
ClientSampleId :
69-2-TP



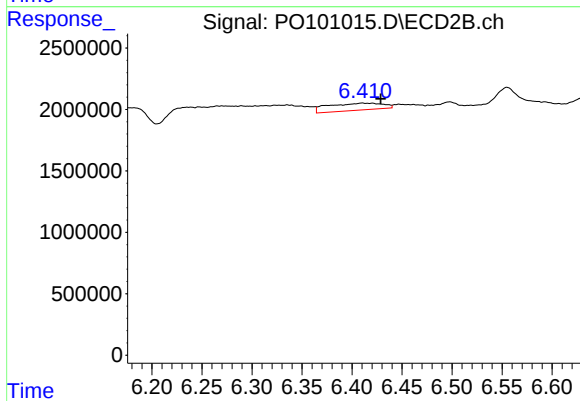
#31 AR-1260-1

R.T.: 6.239 min
Delta R.T.: 0.000 min
Response: 2721748
Conc: 28.57 ng/ml



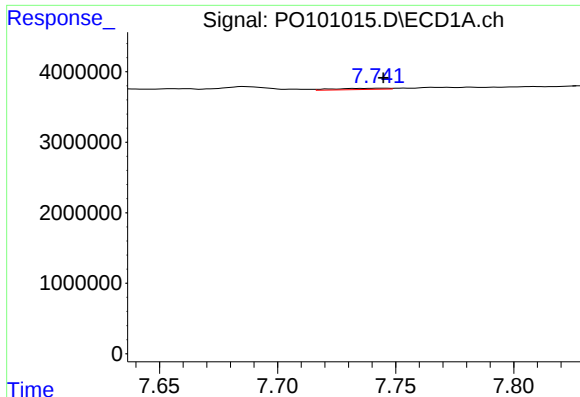
#32 AR-1260-2

R.T.: 7.399 min
Delta R.T.: 0.015 min
Response: 2544695
Conc: 20.23 ng/ml



#32 AR-1260-2

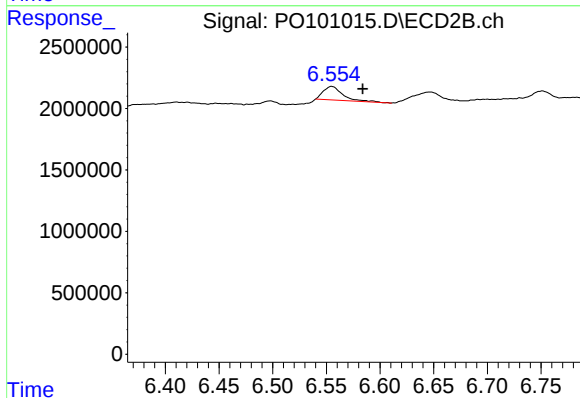
R.T.: 6.410 min
Delta R.T.: -0.018 min
Response: 2222864
Conc: 20.68 ng/ml



#33 AR-1260-3

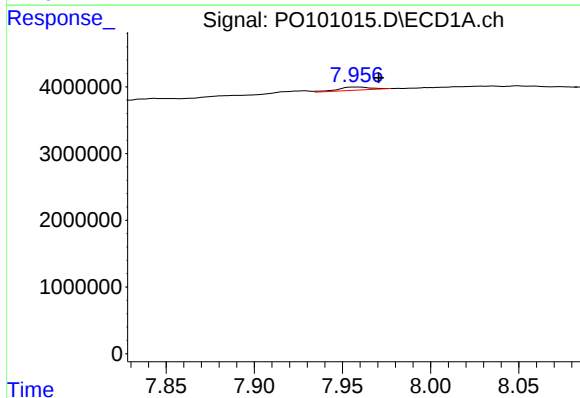
R.T.: 7.744 min
Delta R.T.: 0.000 min
Response: 264352
Conc: 2.73 ng/ml

Instrument :
ECD_O
ClientSampleId :
69-2-TP



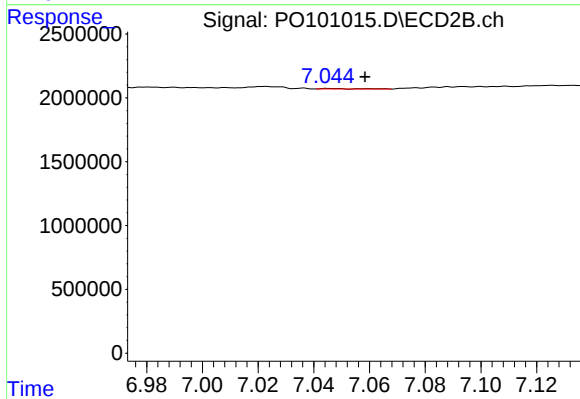
#33 AR-1260-3

R.T.: 6.555 min
Delta R.T.: -0.029 min
Response: 1395694
Conc: 13.62 ng/ml



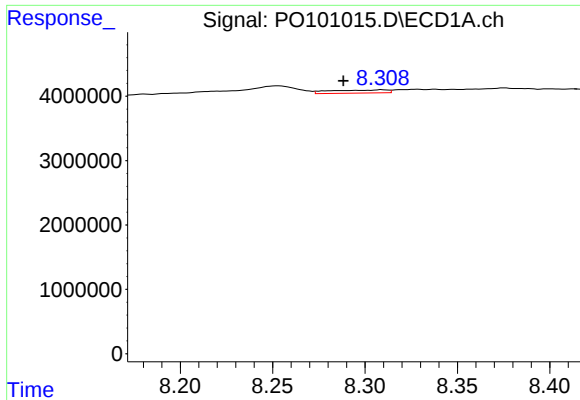
#34 AR-1260-4

R.T.: 7.958 min
Delta R.T.: -0.013 min
Response: 629651
Conc: 5.97 ng/ml



#34 AR-1260-4

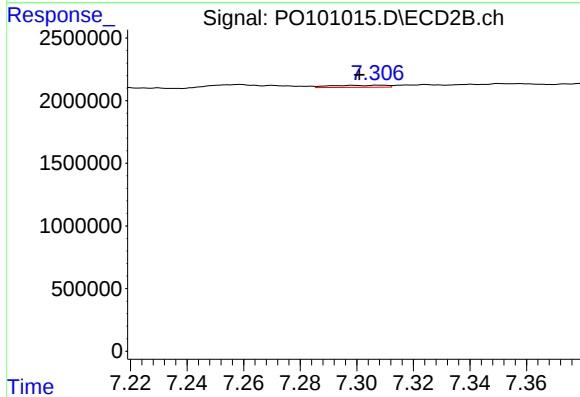
R.T.: 7.045 min
Delta R.T.: -0.013 min
Response: 30867
Conc: 0.38 ng/ml



#35 AR-1260-5

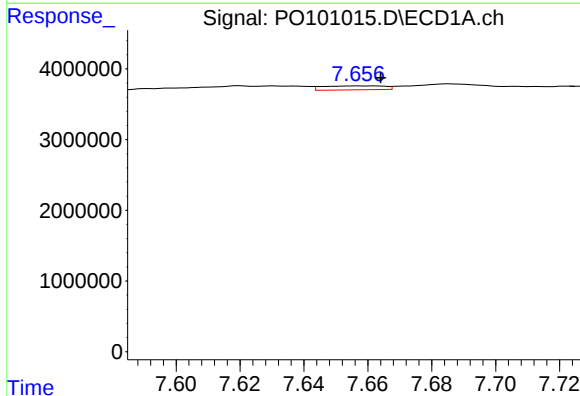
R.T.: 8.309 min
Delta R.T.: 0.021 min
Response: 1030604
Conc: 4.88 ng/ml

Instrument :
ECD_O
ClientSampleId :
69-2-TP



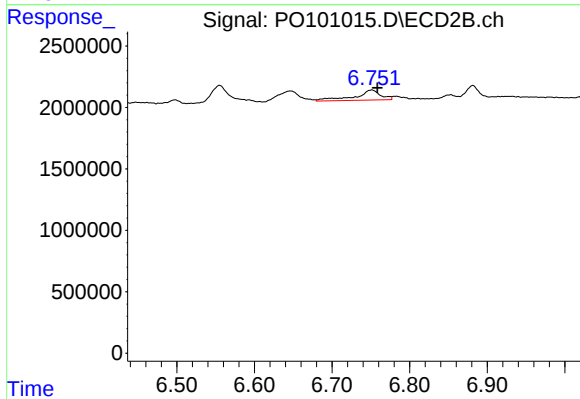
#35 AR-1260-5

R.T.: 7.299 min
Delta R.T.: -0.002 min
Response: 220885
Conc: 1.22 ng/ml



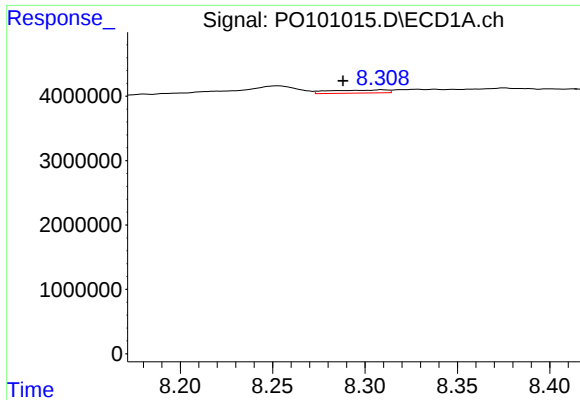
#36 AR-1262-1

R.T.: 7.657 min
Delta R.T.: -0.007 min
Response: 763609
Conc: 7.64 ng/ml



#36 AR-1262-1

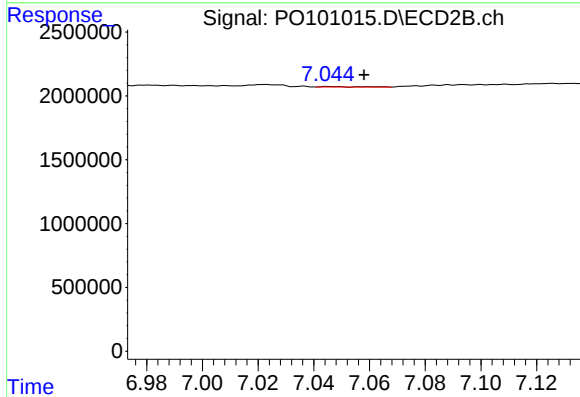
R.T.: 6.751 min
Delta R.T.: -0.007 min
Response: 1874815
Conc: 30.06 ng/ml



#37 AR-1262-2

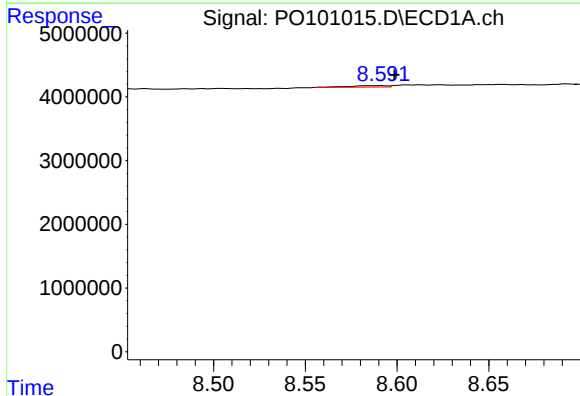
R.T.: 8.309 min
Delta R.T.: 0.021 min
Response: 1030604
Conc: 4.34 ng/ml

Instrument :
ECD_O
ClientSampleId :
69-2-TP



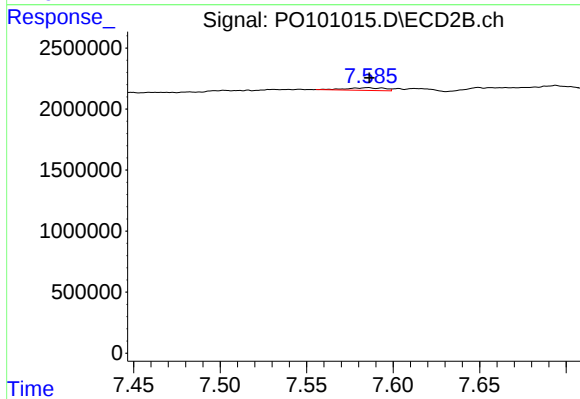
#37 AR-1262-2

R.T.: 7.045 min
Delta R.T.: -0.013 min
Response: 30867
Conc: 0.27 ng/ml



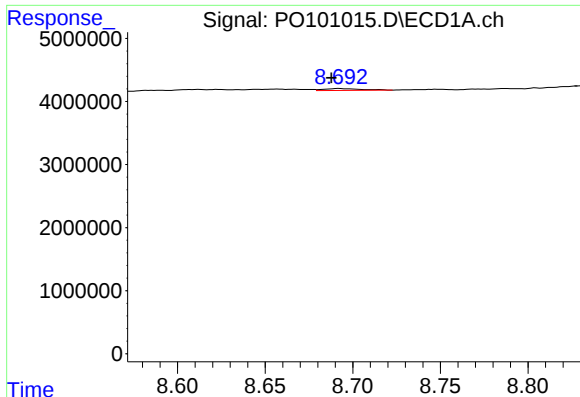
#38 AR-1262-3

R.T.: 8.591 min
Delta R.T.: -0.008 min
Response: 341652
Conc: 2.10 ng/ml



#38 AR-1262-3

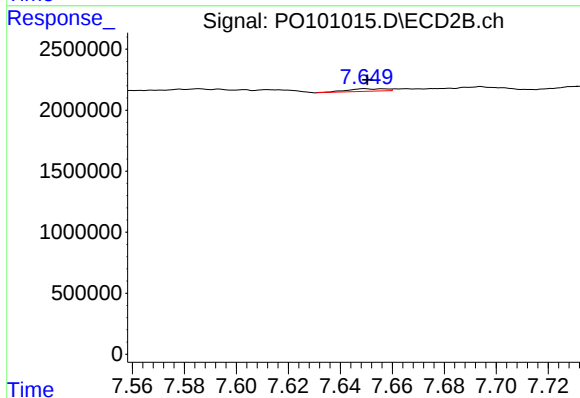
R.T.: 7.585 min
Delta R.T.: 0.000 min
Response: 330280
Conc: 4.29 ng/ml



#39 AR-1262-4

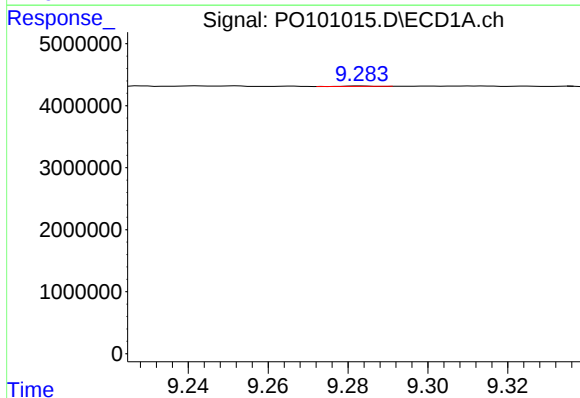
R.T.: 8.693 min
Delta R.T.: 0.005 min
Response: 440174
Conc: 3.41 ng/ml

Instrument :
ECD_O
ClientSampleId :
69-2-TP



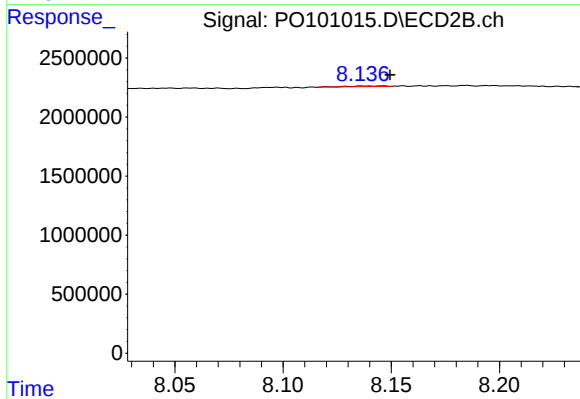
#39 AR-1262-4

R.T.: 7.649 min
Delta R.T.: -0.001 min
Response: 214821
Conc: 1.45 ng/ml



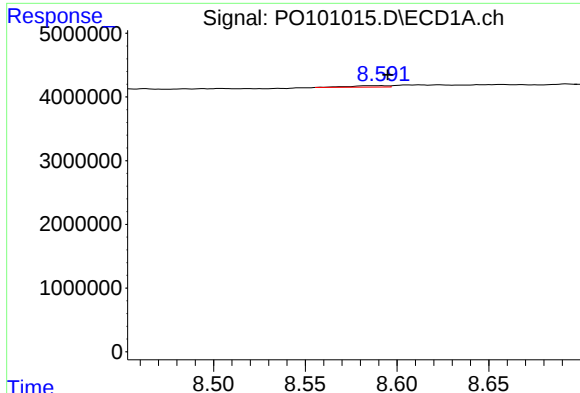
#40 AR-1262-5

R.T.: 9.283 min
Delta R.T.: -0.056 min
Response: 25983
Conc: 0.33 ng/ml



#40 AR-1262-5

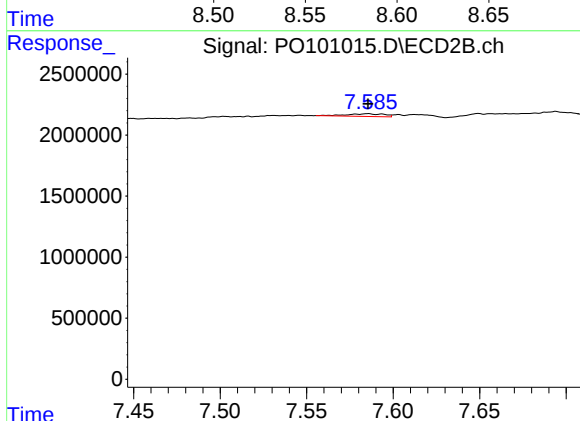
R.T.: 8.146 min
Delta R.T.: -0.004 min
Response: 52184
Conc: 0.82 ng/ml



#41 AR-1268-1

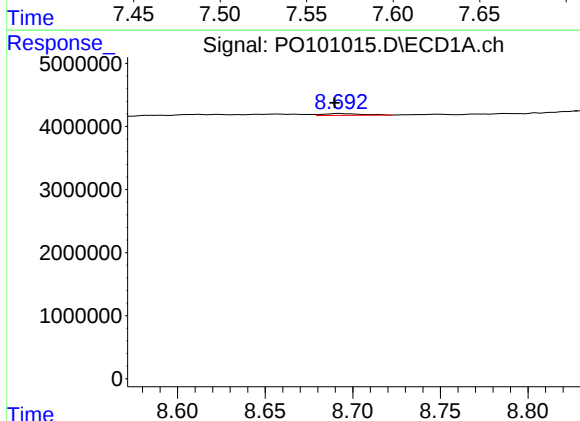
R.T.: 8.591 min
Delta R.T.: -0.004 min
Response: 341652
Conc: 1.21 ng/ml

Instrument :
ECD_O
ClientSampleId :
69-2-TP



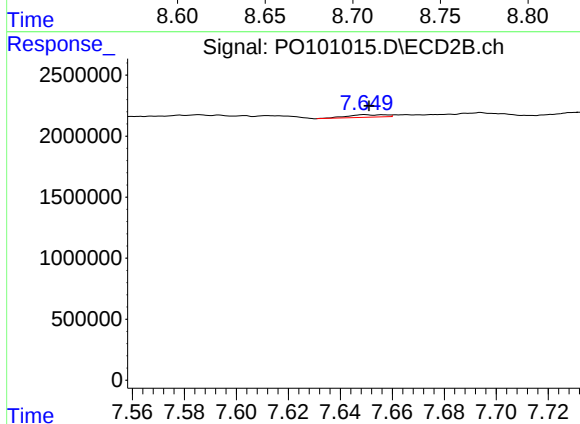
#41 AR-1268-1

R.T.: 7.585 min
Delta R.T.: 0.000 min
Response: 330280
Conc: 1.49 ng/ml



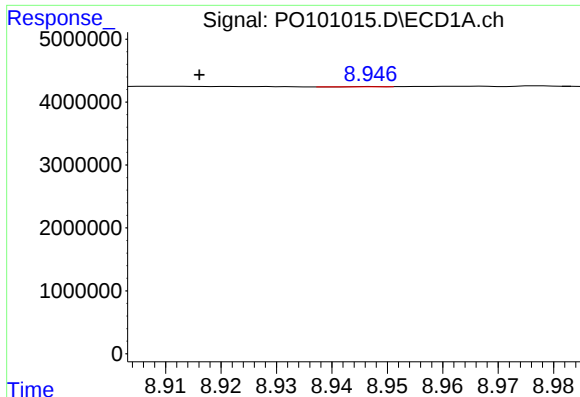
#42 AR-1268-2

R.T.: 8.693 min
Delta R.T.: 0.003 min
Response: 440174
Conc: 1.74 ng/ml



#42 AR-1268-2

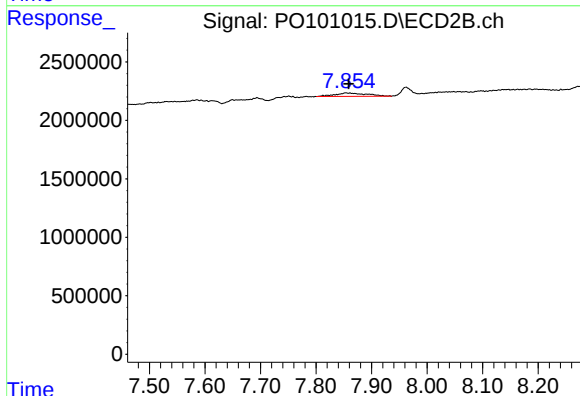
R.T.: 7.649 min
Delta R.T.: -0.002 min
Response: 214821
Conc: 1.06 ng/ml



#43 AR-1268-3

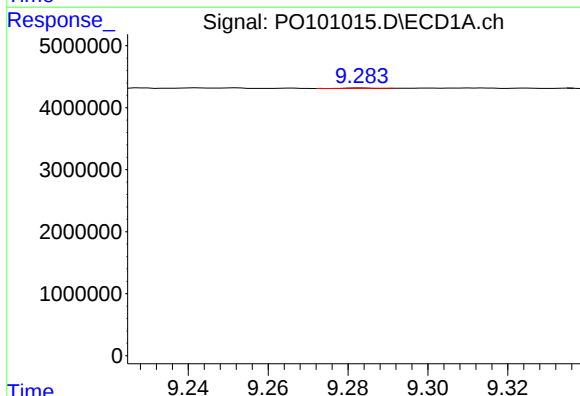
R.T.: 8.947 min
Delta R.T.: 0.031 min
Response: 16049
Conc: 0.07 ng/ml

Instrument :
ECD_O
ClientSampleId :
69-2-TP



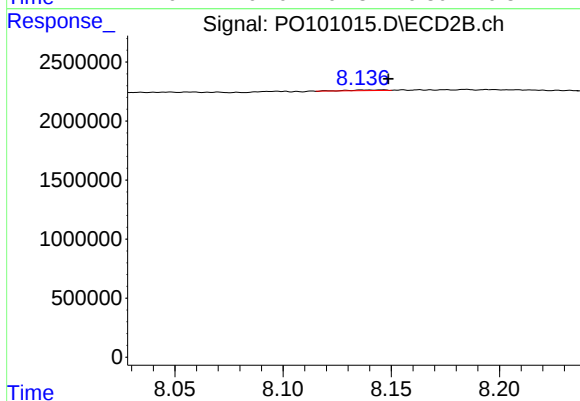
#43 AR-1268-3

R.T.: 7.854 min
Delta R.T.: -0.005 min
Response: 1125726
Conc: 5.97 ng/ml



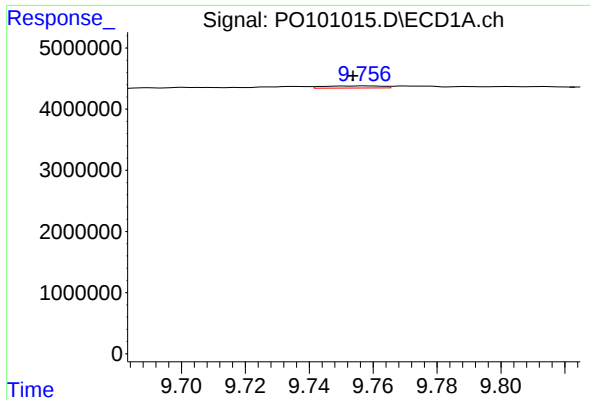
#44 AR-1268-4

R.T.: 9.283 min
Delta R.T.: -0.057 min
Response: 25983
Conc: 0.33 ng/ml



#44 AR-1268-4

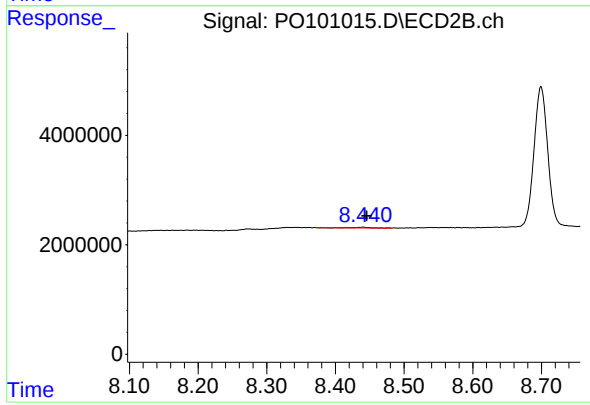
R.T.: 8.146 min
Delta R.T.: -0.003 min
Response: 52184
Conc: 0.78 ng/ml



#45 AR-1268-5

R.T.: 9.757 min
Delta R.T.: 0.004 min
Response: 439113
Conc: 0.61 ng/ml

Instrument :
ECD_O
ClientSampleId :
69-2-TP



#45 AR-1268-5

R.T.: 8.440 min
Delta R.T.: -0.005 min
Response: 271917
Conc: 0.52 ng/ml