

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO111825\
 Data File : PO115183.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Nov 2025 15:28
 Operator : YP/AJ
 Sample : Q3659-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 19 01:17:00 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Nov 05 06:00:07 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...	4.344	3.646	136.6E6	92099815	19.405	20.619
2)	SA Decachlor...	9.925	8.633	121.8E6	102.0E6	27.550	26.125
Target Compounds							
3)	L1 AR-1016-1	5.469	4.749	4994471	176060	20.301	0.925 #
4)	L1 AR-1016-2	5.518	4.749	946739	176060	2.384	0.650 #
5)	L1 AR-1016-3	5.587	4.930	7243910	1219419	32.484	8.241 #
6)	L1 AR-1016-4	5.666	4.963	10649226	1828731	56.382	15.575 #
7)	L1 AR-1016-5	5.930	5.161	13514174	948719	75.838	6.212 #
8)	L2 AR-1221-1	4.571	3.869	14938485	1830465	177.577	29.620 #
9)	L2 AR-1221-2	4.646	3.948	21739145	9035773	361.214	197.992 #
10)	L2 AR-1221-3	4.715	4.057f	805941	18678640	4.169	133.174 #
11)	L3 AR-1232-1	4.715	4.057f	805941	18678640	5.372	167.531 #
12)	L3 AR-1232-2	5.196	4.749	12303635	176060	169.548	1.571 #
13)	L3 AR-1232-3	5.518	4.930	946739	1219419	5.967	20.441 #
14)	L3 AR-1232-4	5.666	5.017	10649226	2888343	144.307	56.758 #
15)	L3 AR-1232-5	5.750	5.161	3282737	948719	63.643	16.765 #
16)	L4 AR-1242-1	5.469	4.749	4994471	176060	26.817	1.204 #
17)	L4 AR-1242-2	5.518	4.749	946739	176060	3.169	0.850 #
18)	L4 AR-1242-3	5.587	4.930	7243910	1219419	42.271	10.890 #
19)	L4 AR-1242-4	5.666	5.017	10649226	2888343	74.375	26.961 #
20)	L4 AR-1242-5	6.404	5.530	2958755	2115659	20.990	14.803 #
21)	L5 AR-1248-1	5.469	4.749	4994471	176060	35.714	1.611 #
22)	L5 AR-1248-2	5.750	4.963	3282737	1828731	16.880	12.282 #
23)	L5 AR-1248-3	5.930	5.017	13514174	2888343	64.098	18.586 #
24)	L5 AR-1248-4	6.377	5.161	3702207	948719	14.657	5.177 #
25)	L5 AR-1248-5	6.404	5.530f	2958755	2115659	12.549	11.478
26)	L6 AR-1254-1	6.303	5.530	6512442	2115659	25.697	7.048 #
27)	L6 AR-1254-2	6.594f	5.667	7377476	1567300	19.915	5.813 #
28)	L6 AR-1254-3	6.920	6.100	4203517	8030433	10.922	19.018 #
29)	L6 AR-1254-4	7.183	6.269	1352917	374276	4.116	1.259 #
30)	L6 AR-1254-5	7.615	6.729	1052000	6905309	3.485	17.371 #
31)	L7 AR-1260-1	7.073	6.215	878441	4899907	2.874	16.548 #
32)	L7 AR-1260-2	7.331	6.412	762244	1338812	1.925	3.113 #
33)	L7 AR-1260-3	7.692	6.549	2889360	2837900	8.708	8.082
34)	L7 AR-1260-4	7.897	7.017	1920738	1585885	6.297	5.233
35)	L7 AR-1260-5	8.229	7.271	184900	958900	0.259	1.167 #
36)	L8 AR-1262-1	7.692	6.767	2889360	1939995	6.373	3.925 #
37)	L8 AR-1262-2	8.229	7.271	184900	958900	0.261	1.206 #
38)	L8 AR-1262-3	8.517	7.504f	398471	685381	0.883	2.083 #
39)	L8 AR-1262-4	8.618	7.601	903962	1861520	2.689	3.459 #
40)	L8 AR-1262-5	9.238	8.092	918079	1456352	3.797	6.119 #
41)	L9 AR-1268-1	8.517	7.504f	398471	685381	0.457	0.702 #

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Acq On : 18 Nov 2025 15:28
Operator : YP/AJ
Sample : Q3659-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

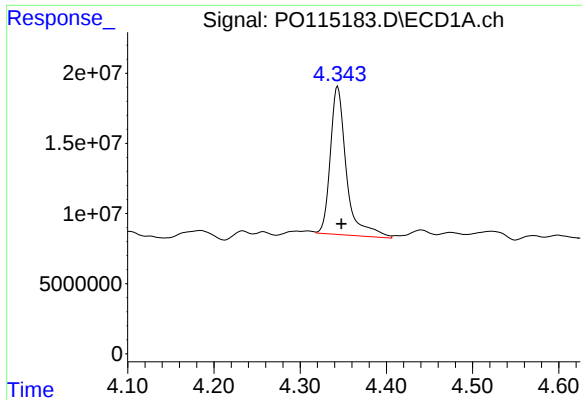
Instrument :
ECD_O
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 19 01:17:00 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 06:00:07 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	8.618	7.601	903962	1861520	1.211	2.340 #
43)	L9 AR-1268-3	8.805	7.814	294115	-134817	0.445	N.D. #
44)	L9 AR-1268-4	9.214	8.092	2307538	1456352	8.224	5.291 #
45)	L9 AR-1268-5	9.616	8.343f	4269182	68490	2.202	0.038 #

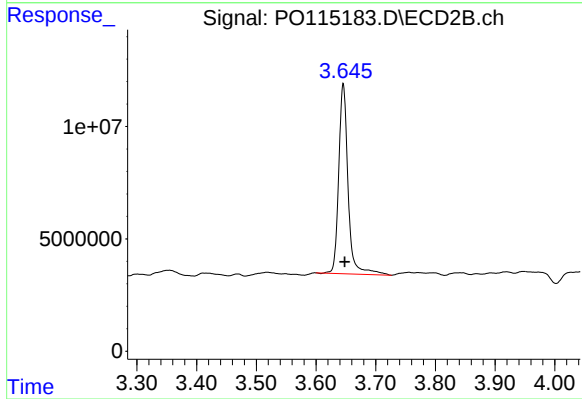
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

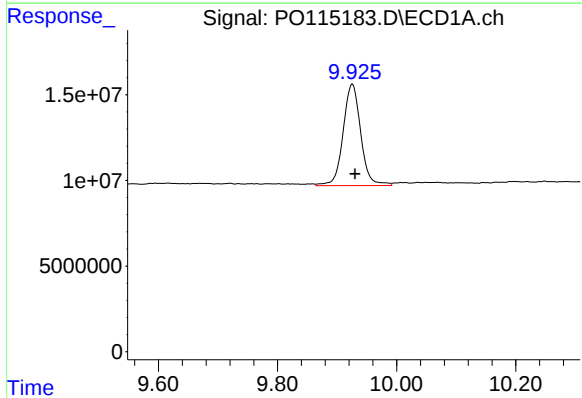
R.T.: 4.344 min
Delta R.T.: -0.004 min
Response: 136573384
Conc: 19.40 ng/ml

Instrument :
ECD_O
ClientSampleId :



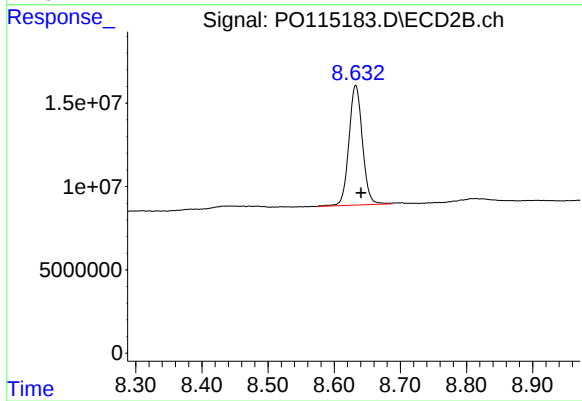
#1 Tetrachloro-m-xylene

R.T.: 3.646 min
Delta R.T.: -0.003 min
Response: 92099815
Conc: 20.62 ng/ml



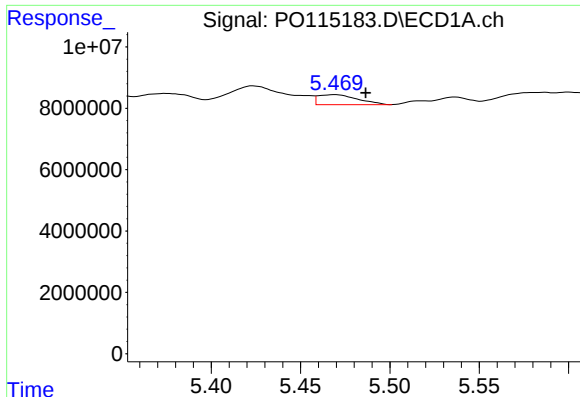
#2 Decachlorobiphenyl

R.T.: 9.925 min
Delta R.T.: -0.005 min
Response: 121775787
Conc: 27.55 ng/ml



#2 Decachlorobiphenyl

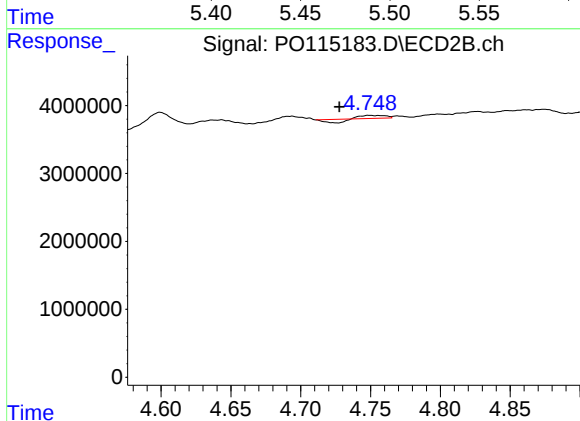
R.T.: 8.633 min
Delta R.T.: -0.008 min
Response: 101987077
Conc: 26.12 ng/ml



#3 AR-1016-1

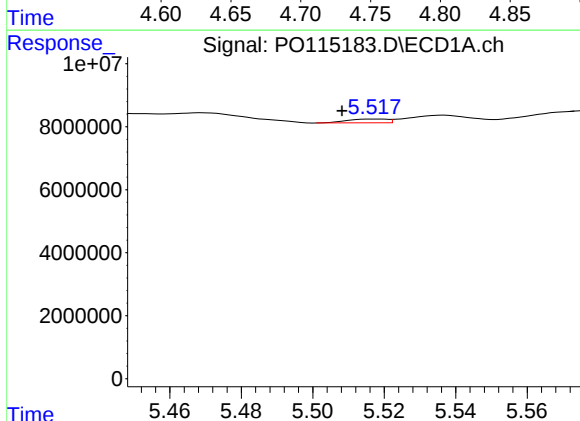
R.T.: 5.469 min
Delta R.T.: -0.017 min
Response: 4994471
Conc: 20.30 ng/ml

Instrument :
ECD_O
ClientSampleId :



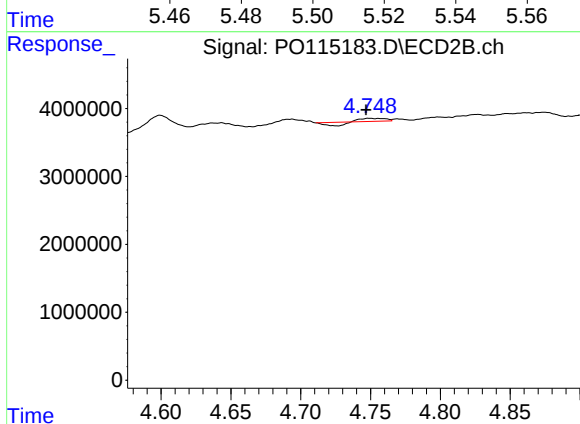
#3 AR-1016-1

R.T.: 4.749 min
Delta R.T.: 0.022 min
Response: 176060
Conc: 0.93 ng/ml



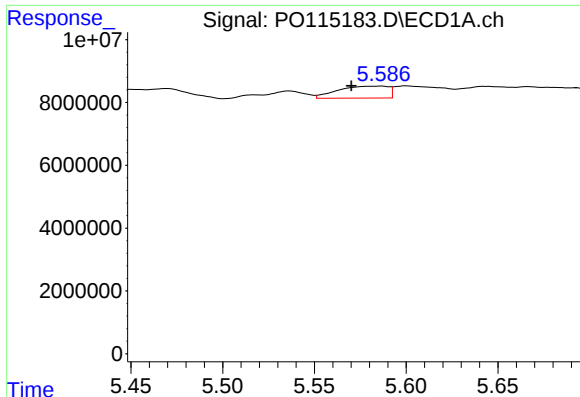
#4 AR-1016-2

R.T.: 5.518 min
Delta R.T.: 0.010 min
Response: 946739
Conc: 2.38 ng/ml



#4 AR-1016-2

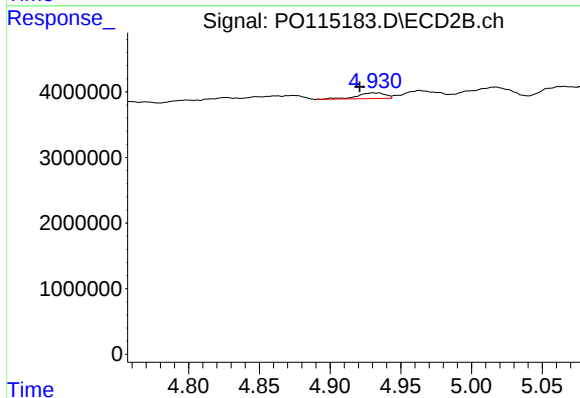
R.T.: 4.749 min
Delta R.T.: 0.003 min
Response: 176060
Conc: 0.65 ng/ml



#5 AR-1016-3

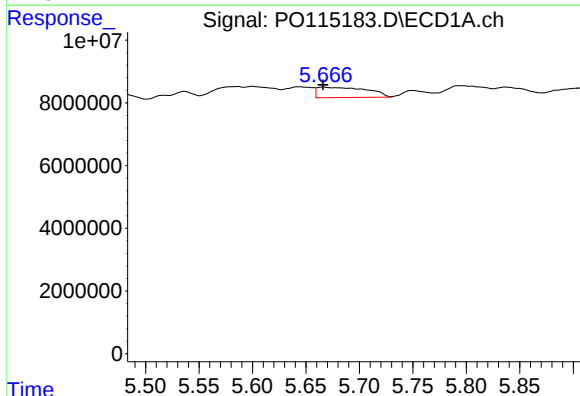
R.T.: 5.587 min
Delta R.T.: 0.016 min
Response: 7243910
Conc: 32.48 ng/ml

Instrument :
ECD_O
ClientSampleId :



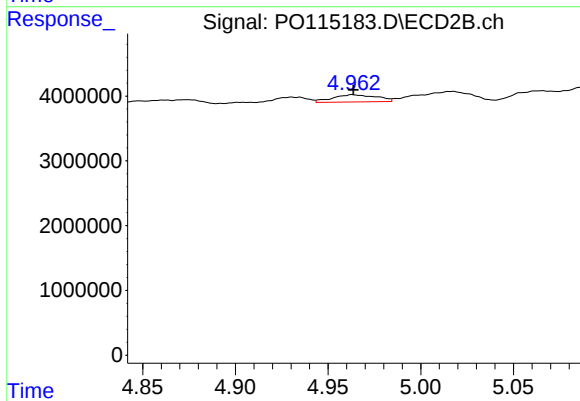
#5 AR-1016-3

R.T.: 4.930 min
Delta R.T.: 0.009 min
Response: 1219419
Conc: 8.24 ng/ml



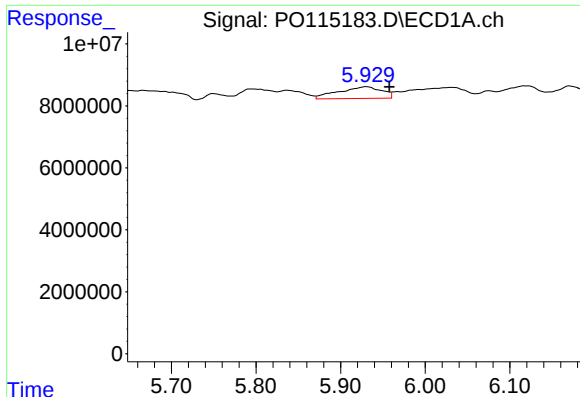
#6 AR-1016-4

R.T.: 5.666 min
Delta R.T.: 0.000 min
Response: 10649226
Conc: 56.38 ng/ml



#6 AR-1016-4

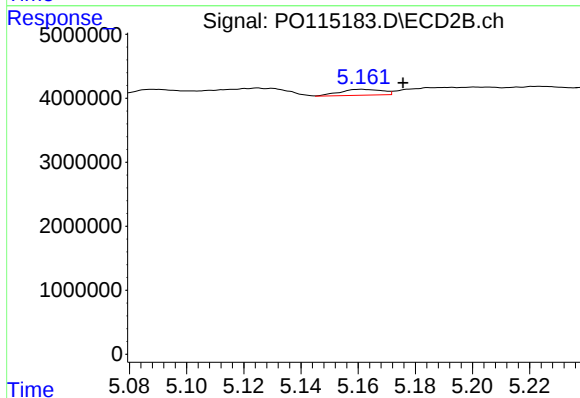
R.T.: 4.963 min
Delta R.T.: 0.000 min
Response: 1828731
Conc: 15.57 ng/ml



#7 AR-1016-5

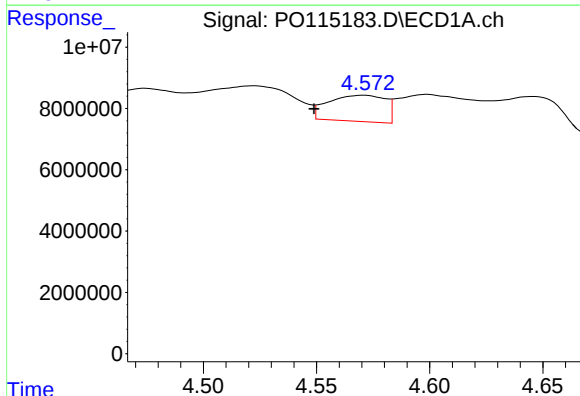
R.T.: 5.930 min
Delta R.T.: -0.027 min
Response: 13514174
Conc: 75.84 ng/ml

Instrument :
ECD_O
ClientSampleId :



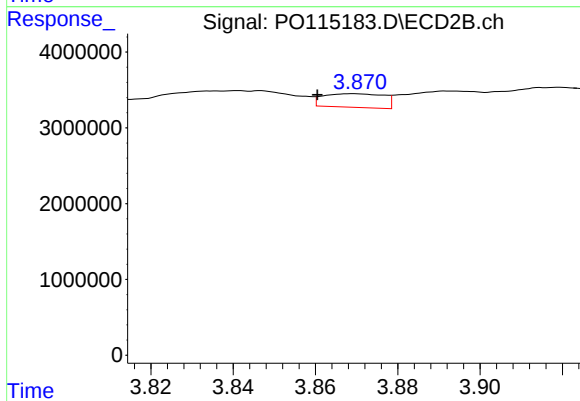
#7 AR-1016-5

R.T.: 5.161 min
Delta R.T.: -0.015 min
Response: 948719
Conc: 6.21 ng/ml



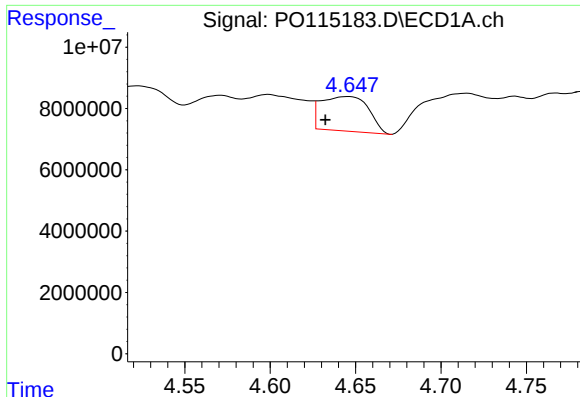
#8 AR-1221-1

R.T.: 4.571 min
Delta R.T.: 0.022 min
Response: 14938485
Conc: 177.58 ng/ml



#8 AR-1221-1

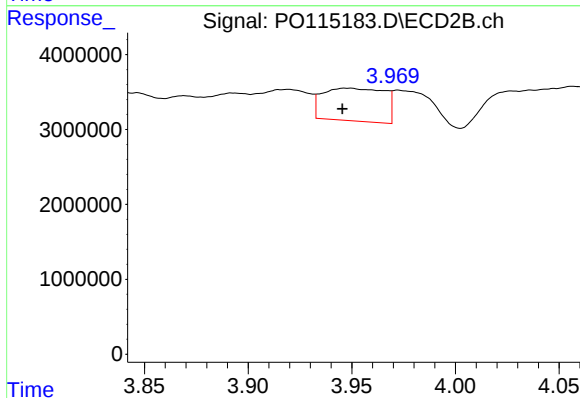
R.T.: 3.869 min
Delta R.T.: 0.009 min
Response: 1830465
Conc: 29.62 ng/ml



#9 AR-1221-2

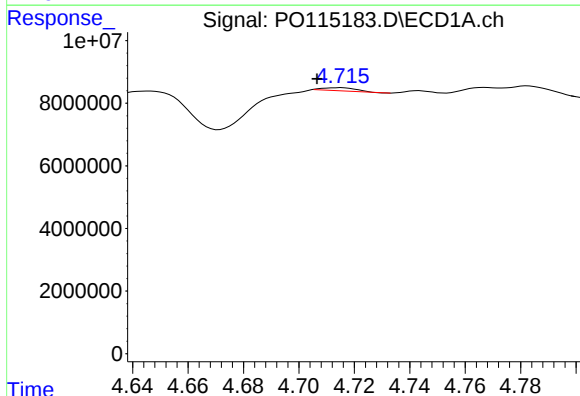
R.T.: 4.646 min
Delta R.T.: 0.014 min
Response: 21739145
Conc: 361.21 ng/ml

Instrument :
ECD_O
ClientSampleId :



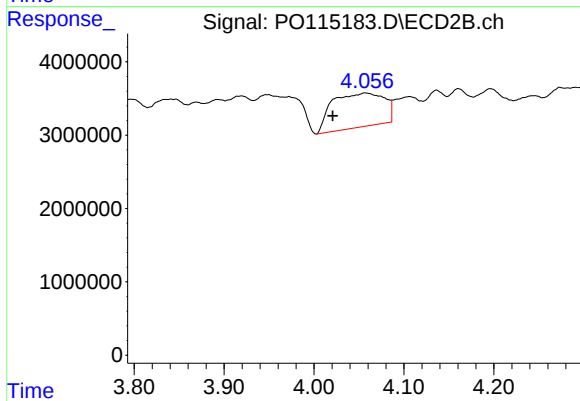
#9 AR-1221-2

R.T.: 3.948 min
Delta R.T.: 0.003 min
Response: 9035773
Conc: 197.99 ng/ml



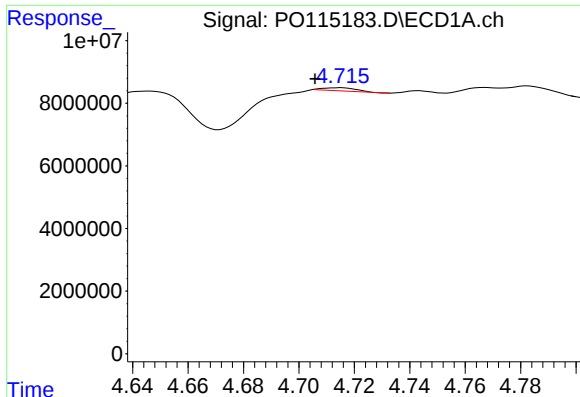
#10 AR-1221-3

R.T.: 4.715 min
Delta R.T.: 0.009 min
Response: 805941
Conc: 4.17 ng/ml



#10 AR-1221-3

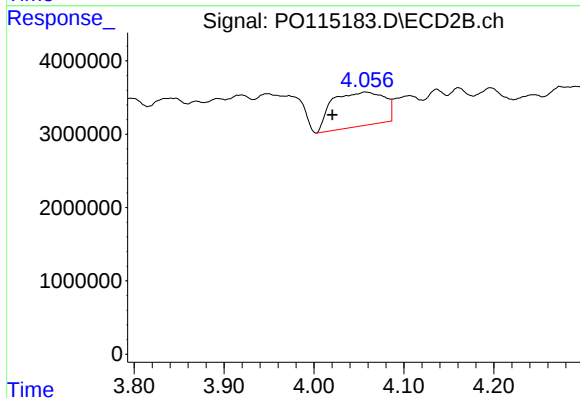
R.T.: 4.057 min
Delta R.T.: 0.036 min
Response: 18678640
Conc: 133.17 ng/ml



#11 AR-1232-1

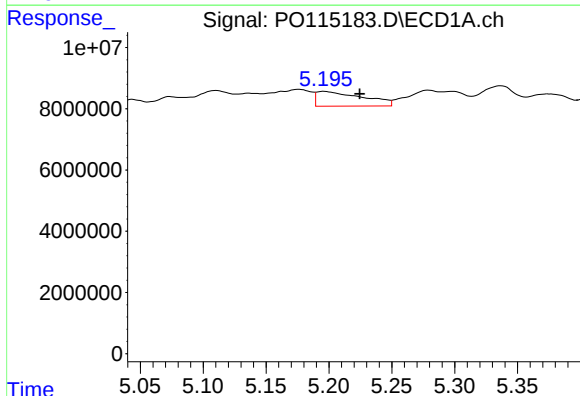
R.T.: 4.715 min
Delta R.T.: 0.009 min
Response: 805941
Conc: 5.37 ng/ml

Instrument :
ECD_O
ClientSampleId :



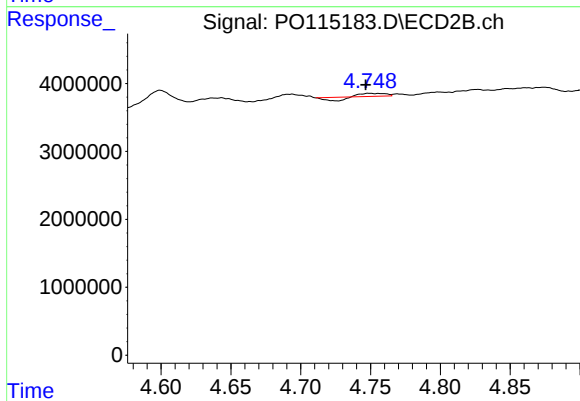
#11 AR-1232-1

R.T.: 4.057 min
Delta R.T.: 0.037 min
Response: 18678640
Conc: 167.53 ng/ml



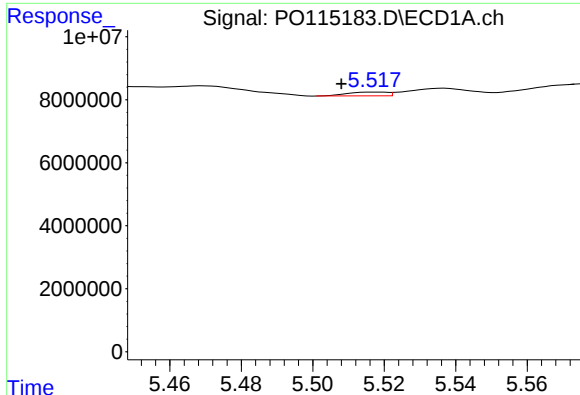
#12 AR-1232-2

R.T.: 5.196 min
Delta R.T.: -0.028 min
Response: 12303635
Conc: 169.55 ng/ml



#12 AR-1232-2

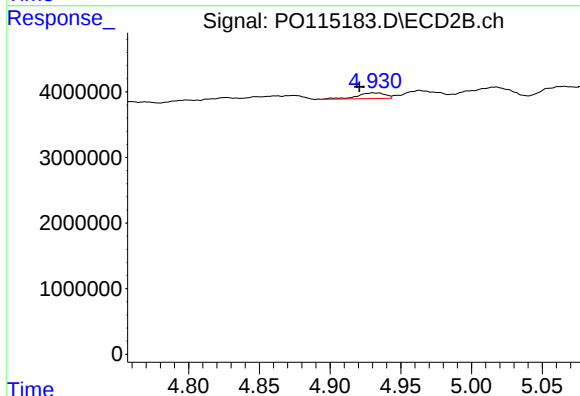
R.T.: 4.749 min
Delta R.T.: 0.003 min
Response: 176060
Conc: 1.57 ng/ml



#13 AR-1232-3

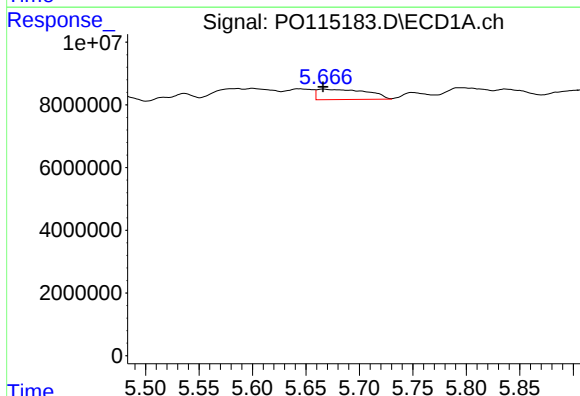
R.T.: 5.518 min
Delta R.T.: 0.010 min
Response: 946739
Conc: 5.97 ng/ml

Instrument :
ECD_O
ClientSampleId :



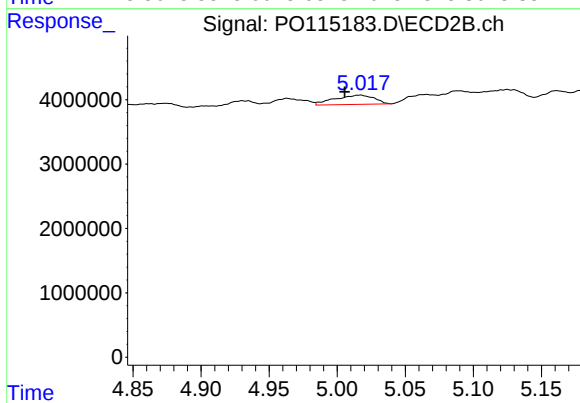
#13 AR-1232-3

R.T.: 4.930 min
Delta R.T.: 0.010 min
Response: 1219419
Conc: 20.44 ng/ml



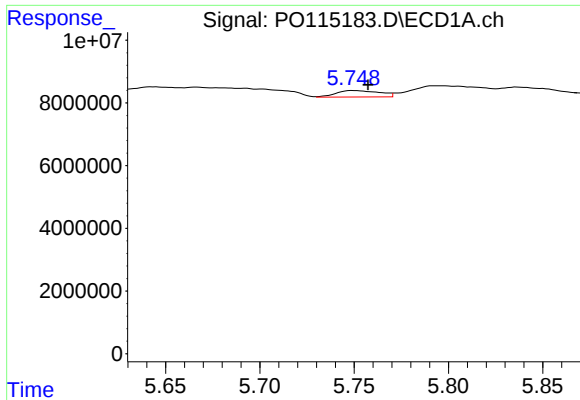
#14 AR-1232-4

R.T.: 5.666 min
Delta R.T.: 0.000 min
Response: 10649226
Conc: 144.31 ng/ml



#14 AR-1232-4

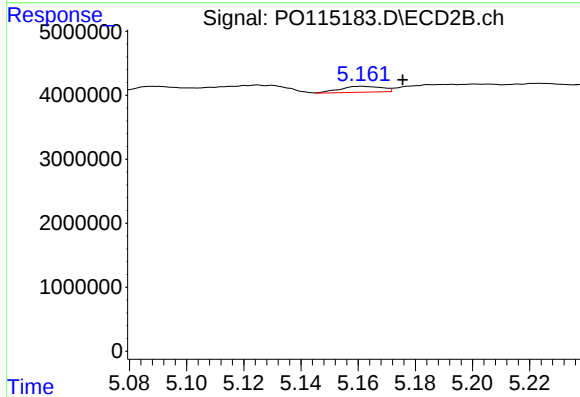
R.T.: 5.017 min
Delta R.T.: 0.011 min
Response: 2888343
Conc: 56.76 ng/ml



#15 AR-1232-5

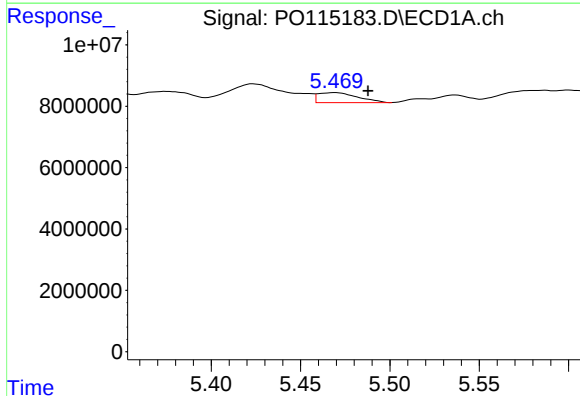
R.T.: 5.750 min
Delta R.T.: -0.007 min
Response: 3282737
Conc: 63.64 ng/ml

Instrument :
ECD_O
ClientSampleId :



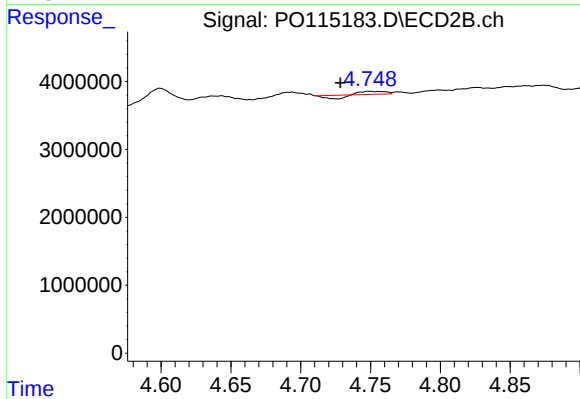
#15 AR-1232-5

R.T.: 5.161 min
Delta R.T.: -0.014 min
Response: 948719
Conc: 16.77 ng/ml



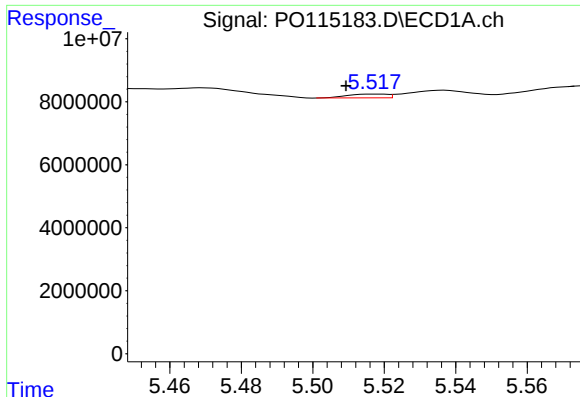
#16 AR-1242-1

R.T.: 5.469 min
Delta R.T.: -0.018 min
Response: 4994471
Conc: 26.82 ng/ml



#16 AR-1242-1

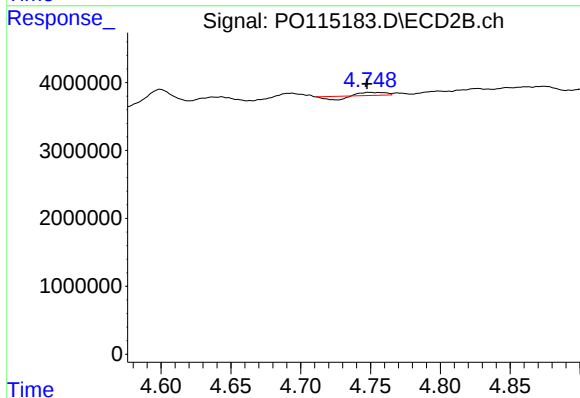
R.T.: 4.749 min
Delta R.T.: 0.021 min
Response: 176060
Conc: 1.20 ng/ml



#17 AR-1242-2

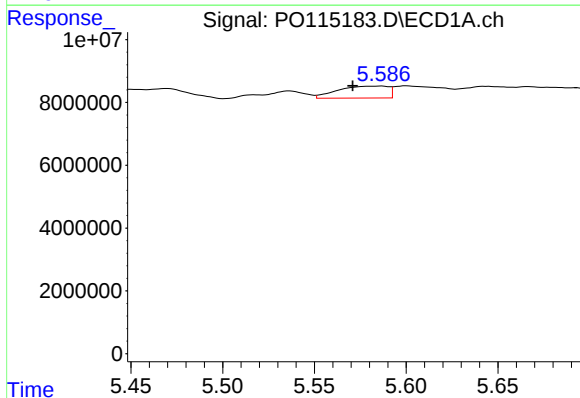
R.T.: 5.518 min
Delta R.T.: 0.008 min
Response: 946739
Conc: 3.17 ng/ml

Instrument :
ECD_O
ClientSampleId :



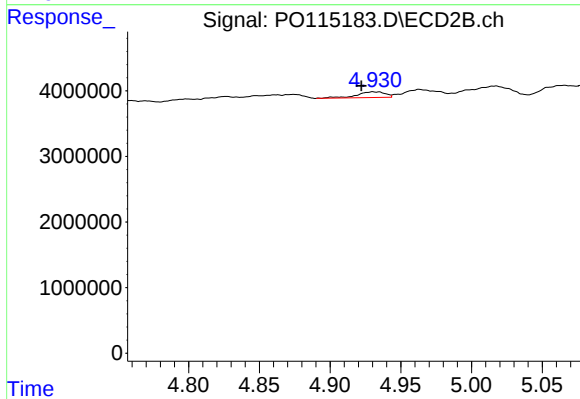
#17 AR-1242-2

R.T.: 4.749 min
Delta R.T.: 0.002 min
Response: 176060
Conc: 0.85 ng/ml



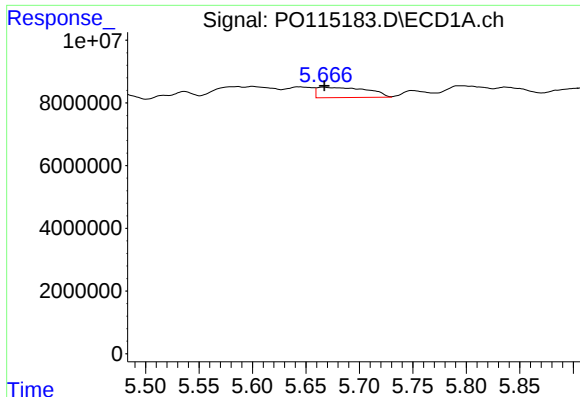
#18 AR-1242-3

R.T.: 5.587 min
Delta R.T.: 0.016 min
Response: 7243910
Conc: 42.27 ng/ml



#18 AR-1242-3

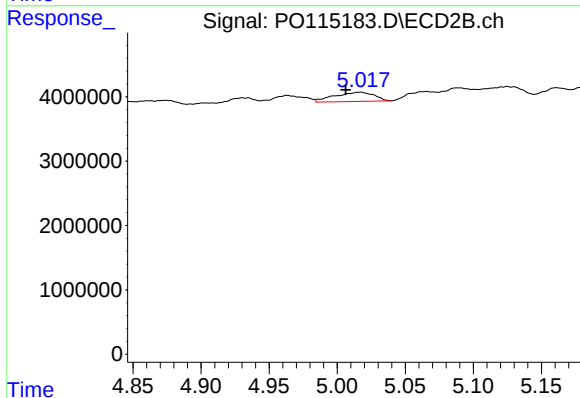
R.T.: 4.930 min
Delta R.T.: 0.008 min
Response: 1219419
Conc: 10.89 ng/ml



#19 AR-1242-4

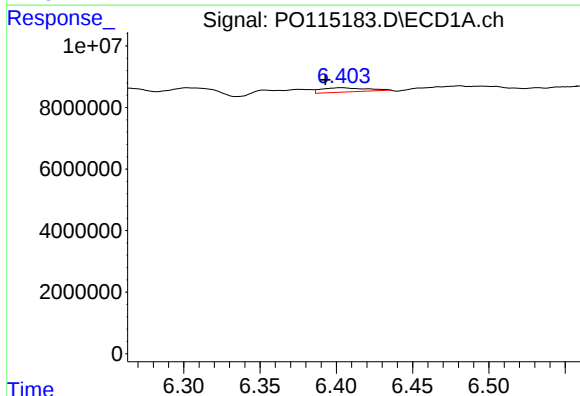
R.T.: 5.666 min
Delta R.T.: 0.000 min
Response: 10649226
Conc: 74.37 ng/ml

Instrument :
ECD_O
ClientSampleId :



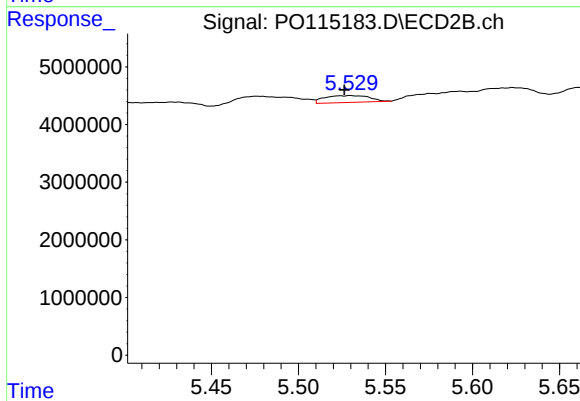
#19 AR-1242-4

R.T.: 5.017 min
Delta R.T.: 0.010 min
Response: 2888343
Conc: 26.96 ng/ml



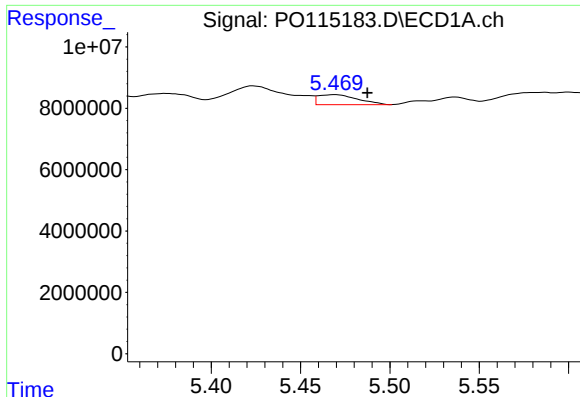
#20 AR-1242-5

R.T.: 6.404 min
Delta R.T.: 0.011 min
Response: 2958755
Conc: 20.99 ng/ml



#20 AR-1242-5

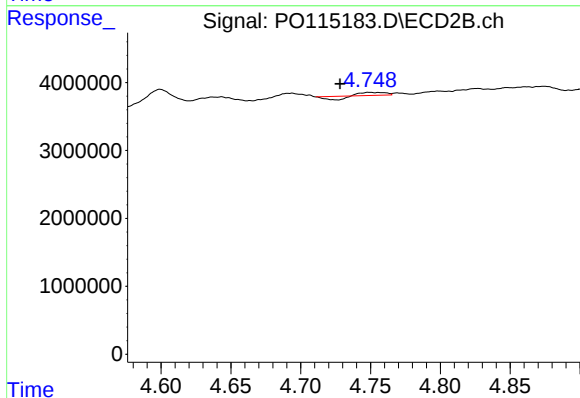
R.T.: 5.530 min
Delta R.T.: 0.004 min
Response: 2115659
Conc: 14.80 ng/ml



#21 AR-1248-1

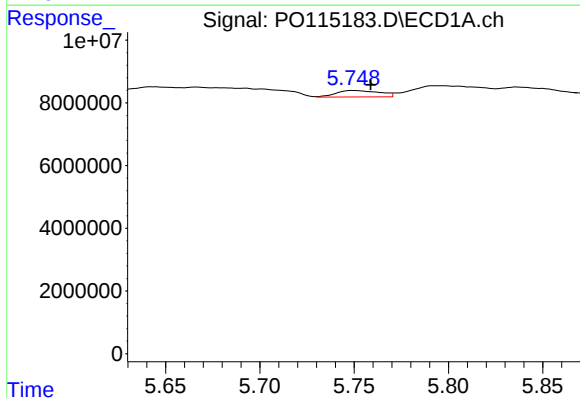
R.T.: 5.469 min
Delta R.T.: -0.018 min
Response: 4994471
Conc: 35.71 ng/ml

Instrument :
ECD_O
ClientSampleId :



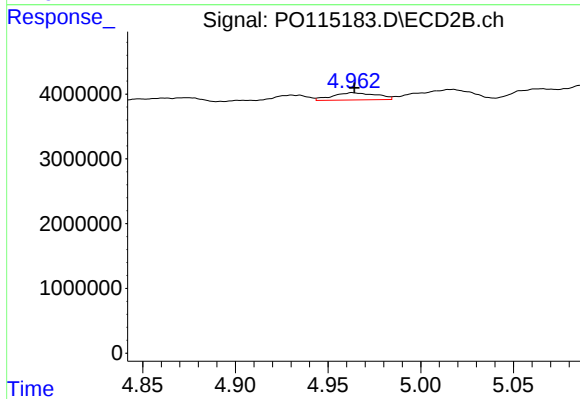
#21 AR-1248-1

R.T.: 4.749 min
Delta R.T.: 0.021 min
Response: 176060
Conc: 1.61 ng/ml



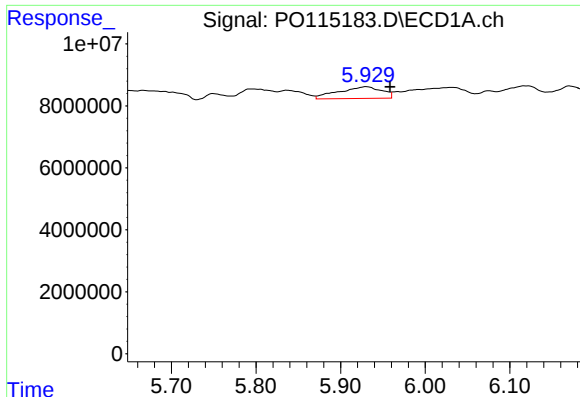
#22 AR-1248-2

R.T.: 5.750 min
Delta R.T.: -0.009 min
Response: 3282737
Conc: 16.88 ng/ml



#22 AR-1248-2

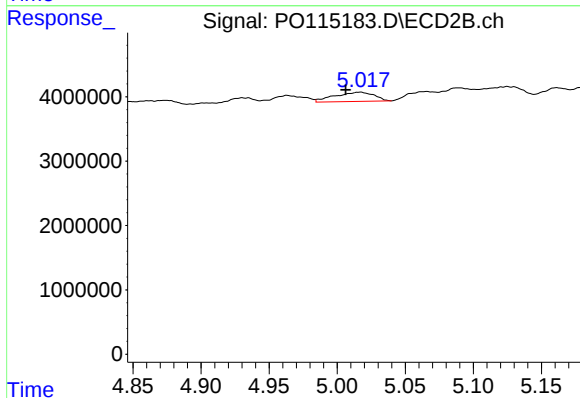
R.T.: 4.963 min
Delta R.T.: 0.000 min
Response: 1828731
Conc: 12.28 ng/ml



#23 AR-1248-3

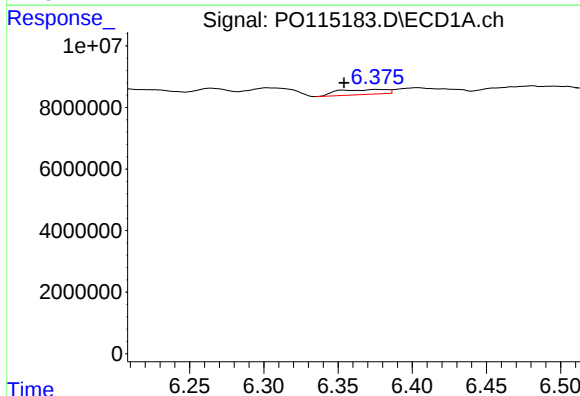
R.T.: 5.930 min
Delta R.T.: -0.028 min
Response: 13514174
Conc: 64.10 ng/ml

Instrument :
ECD_O
ClientSampleId :



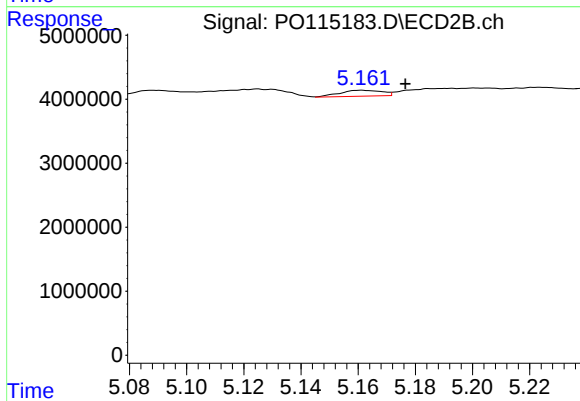
#23 AR-1248-3

R.T.: 5.017 min
Delta R.T.: 0.010 min
Response: 2888343
Conc: 18.59 ng/ml



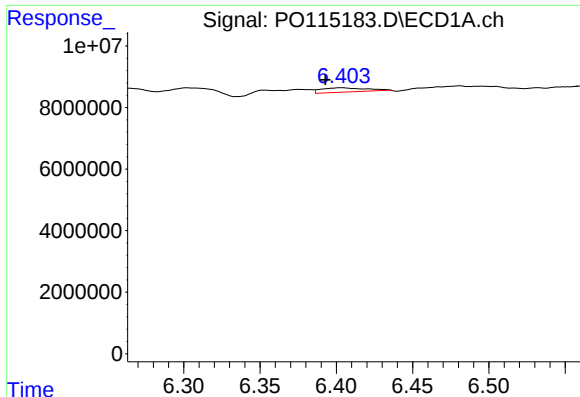
#24 AR-1248-4

R.T.: 6.377 min
Delta R.T.: 0.022 min
Response: 3702207
Conc: 14.66 ng/ml



#24 AR-1248-4

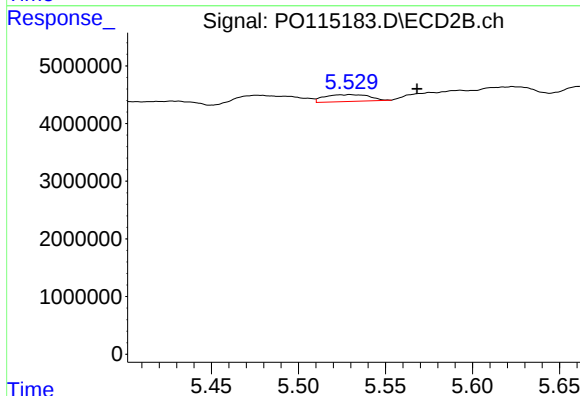
R.T.: 5.161 min
Delta R.T.: -0.015 min
Response: 948719
Conc: 5.18 ng/ml



#25 AR-1248-5

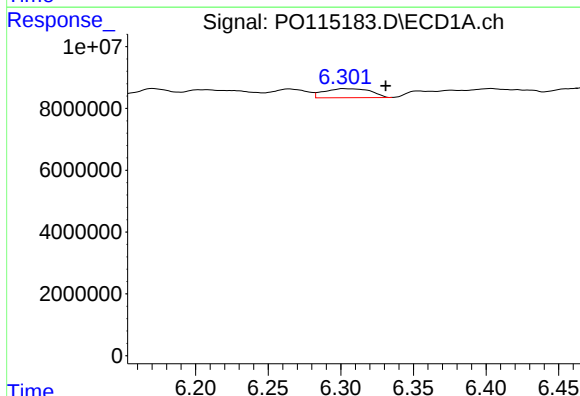
R.T.: 6.404 min
Delta R.T.: 0.011 min
Response: 2958755
Conc: 12.55 ng/ml

Instrument :
ECD_O
ClientSampleId :



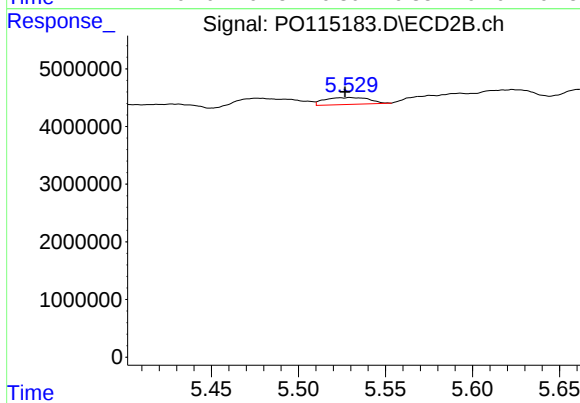
#25 AR-1248-5

R.T.: 5.530 min
Delta R.T.: -0.038 min
Response: 2115659
Conc: 11.48 ng/ml



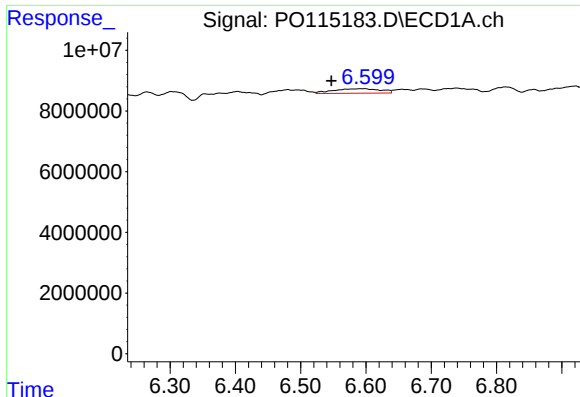
#26 AR-1254-1

R.T.: 6.303 min
Delta R.T.: -0.028 min
Response: 6512442
Conc: 25.70 ng/ml



#26 AR-1254-1

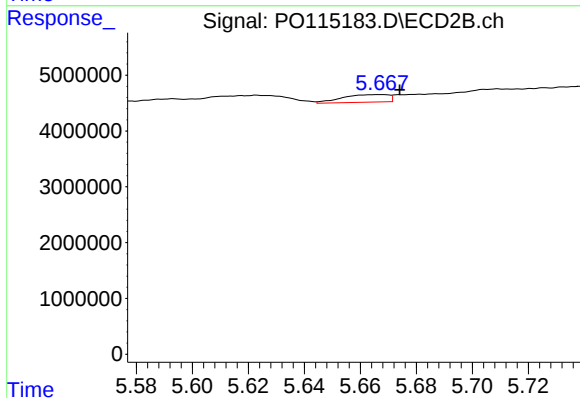
R.T.: 5.530 min
Delta R.T.: 0.003 min
Response: 2115659
Conc: 7.05 ng/ml



#27 AR-1254-2

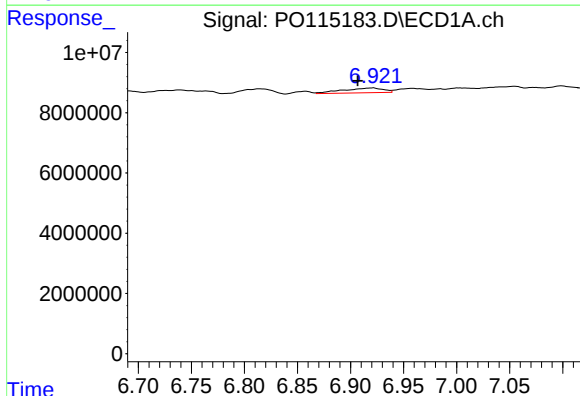
R.T.: 6.594 min
Delta R.T.: 0.046 min
Response: 7377476
Conc: 19.92 ng/ml

Instrument :
ECD_O
ClientSampleId :



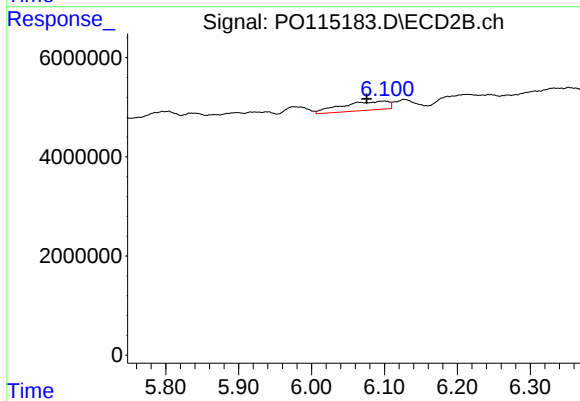
#27 AR-1254-2

R.T.: 5.667 min
Delta R.T.: -0.007 min
Response: 1567300
Conc: 5.81 ng/ml



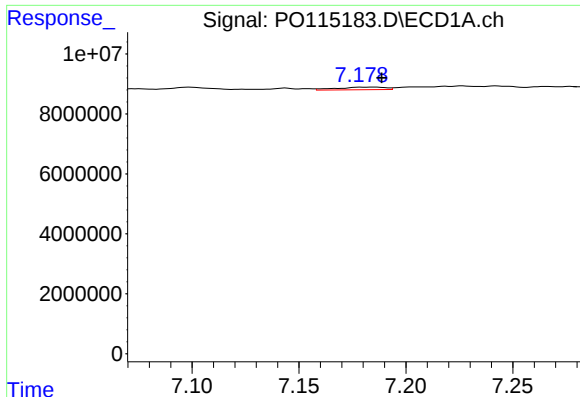
#28 AR-1254-3

R.T.: 6.920 min
Delta R.T.: 0.014 min
Response: 4203517
Conc: 10.92 ng/ml



#28 AR-1254-3

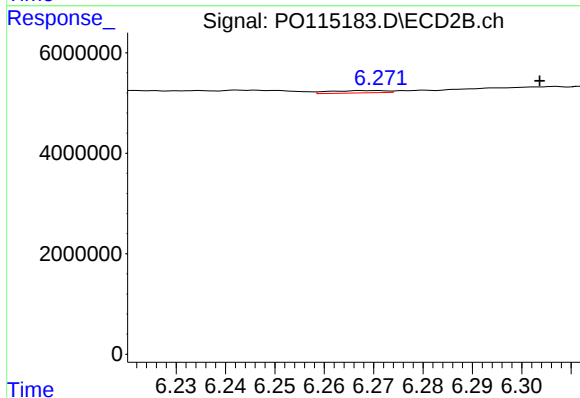
R.T.: 6.100 min
Delta R.T.: 0.024 min
Response: 8030433
Conc: 19.02 ng/ml



#29 AR-1254-4

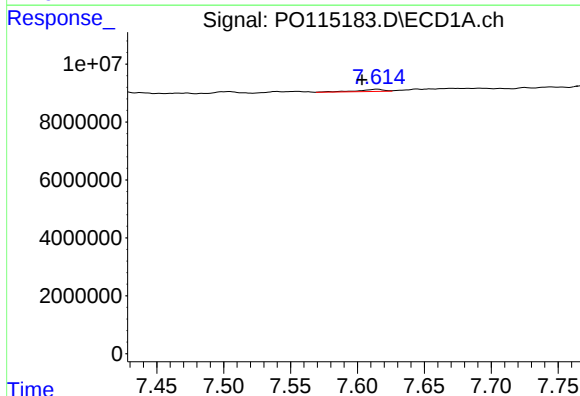
R.T.: 7.183 min
Delta R.T.: -0.006 min
Response: 1352917
Conc: 4.12 ng/ml

Instrument :
ECD_O
ClientSampleId :



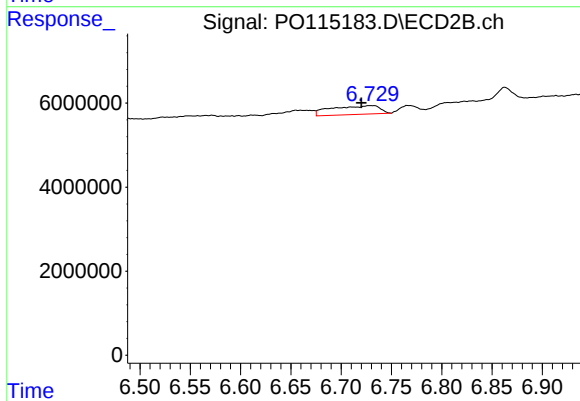
#29 AR-1254-4

R.T.: 6.269 min
Delta R.T.: -0.034 min
Response: 374276
Conc: 1.26 ng/ml



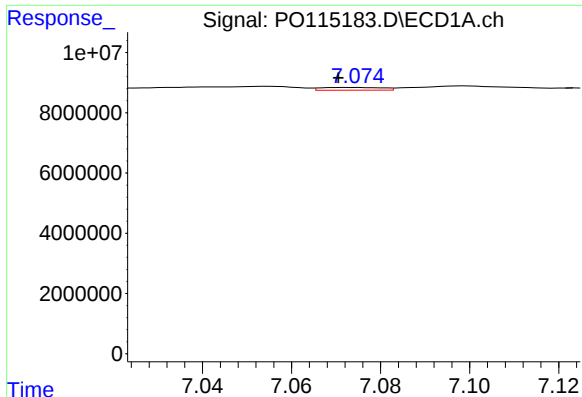
#30 AR-1254-5

R.T.: 7.615 min
Delta R.T.: 0.011 min
Response: 1052000
Conc: 3.49 ng/ml



#30 AR-1254-5

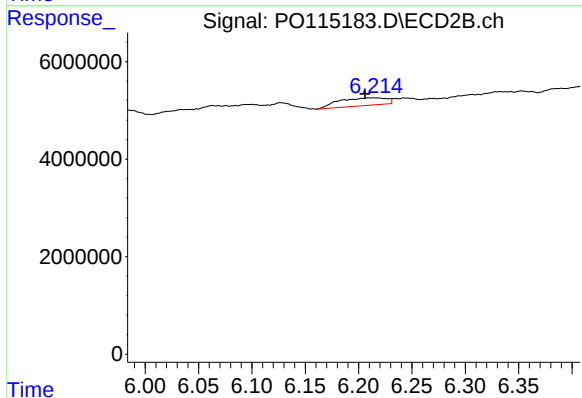
R.T.: 6.729 min
Delta R.T.: 0.008 min
Response: 6905309
Conc: 17.37 ng/ml



#31 AR-1260-1

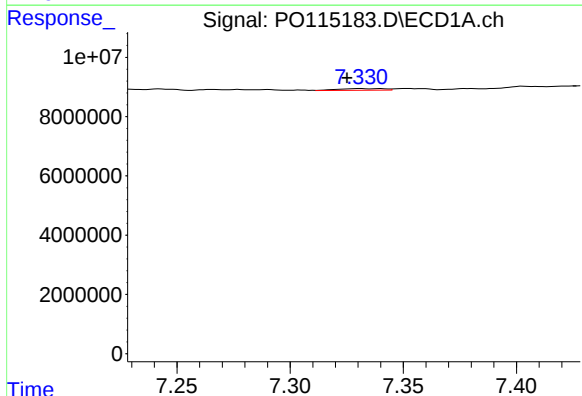
R.T.: 7.073 min
Delta R.T.: 0.002 min
Response: 878441
Conc: 2.87 ng/ml

Instrument :
ECD_O
ClientSampleId :



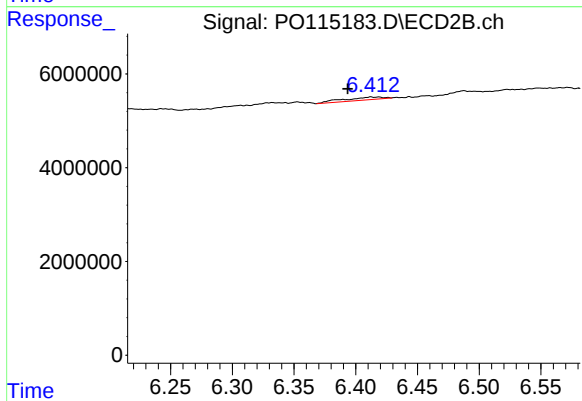
#31 AR-1260-1

R.T.: 6.215 min
Delta R.T.: 0.008 min
Response: 4899907
Conc: 16.55 ng/ml



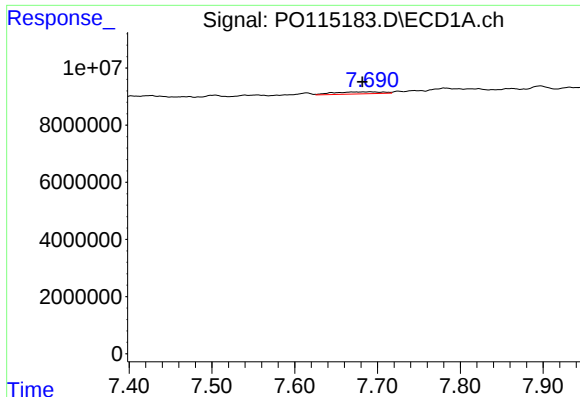
#32 AR-1260-2

R.T.: 7.331 min
Delta R.T.: 0.006 min
Response: 762244
Conc: 1.93 ng/ml



#32 AR-1260-2

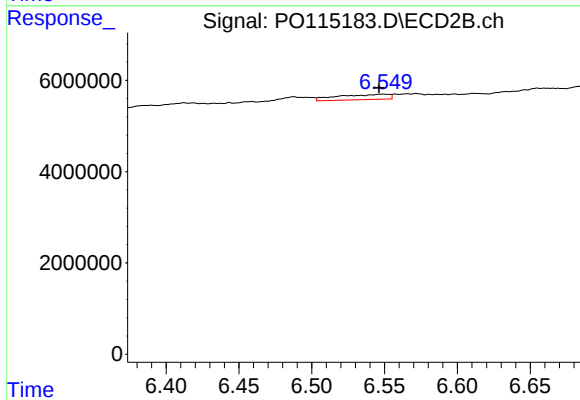
R.T.: 6.412 min
Delta R.T.: 0.019 min
Response: 1338812
Conc: 3.11 ng/ml



#33 AR-1260-3

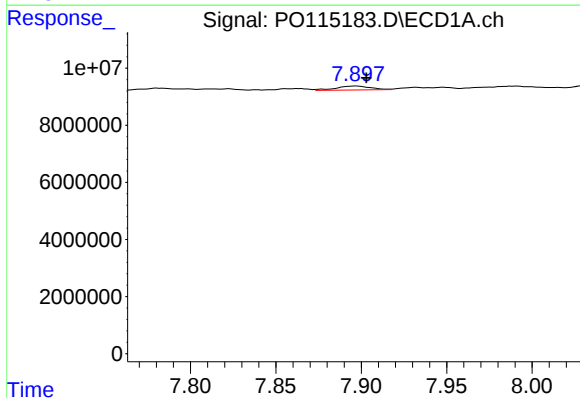
R.T.: 7.692 min
Delta R.T.: 0.010 min
Response: 2889360
Conc: 8.71 ng/ml

Instrument :
ECD_O
ClientSampleId :



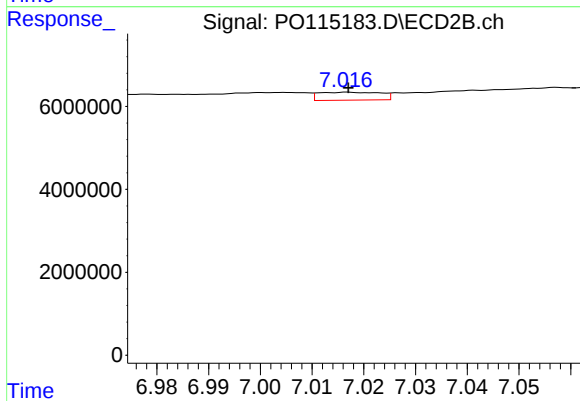
#33 AR-1260-3

R.T.: 6.549 min
Delta R.T.: 0.002 min
Response: 2837900
Conc: 8.08 ng/ml



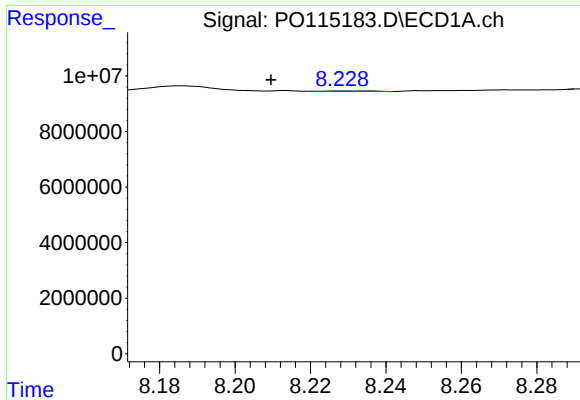
#34 AR-1260-4

R.T.: 7.897 min
Delta R.T.: -0.006 min
Response: 1920738
Conc: 6.30 ng/ml



#34 AR-1260-4

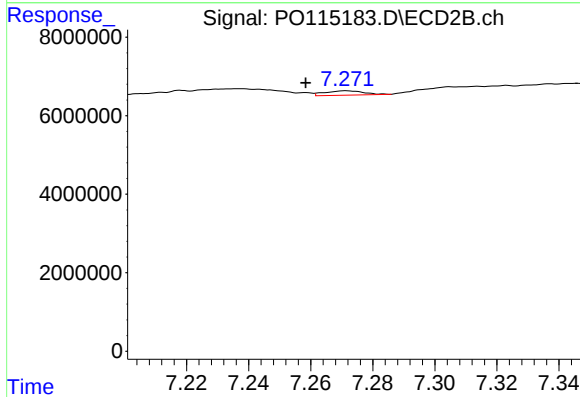
R.T.: 7.017 min
Delta R.T.: 0.000 min
Response: 1585885
Conc: 5.23 ng/ml



#35 AR-1260-5

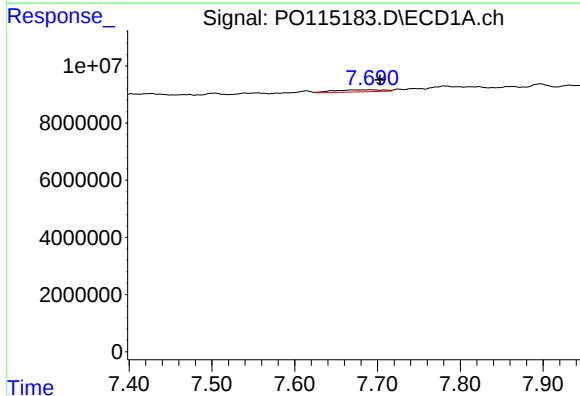
R.T.: 8.229 min
Delta R.T.: 0.020 min
Response: 184900
Conc: 0.26 ng/ml

Instrument :
ECD_O
ClientSampleId :



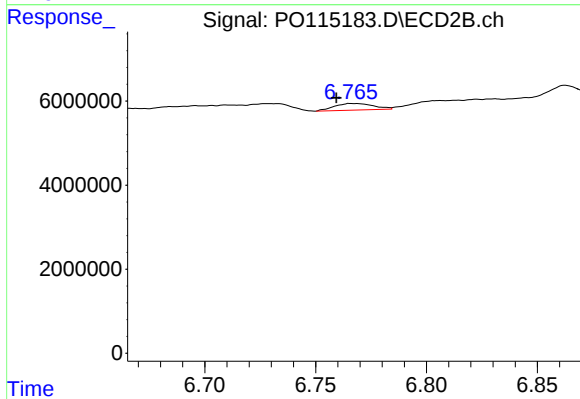
#35 AR-1260-5

R.T.: 7.271 min
Delta R.T.: 0.013 min
Response: 958900
Conc: 1.17 ng/ml



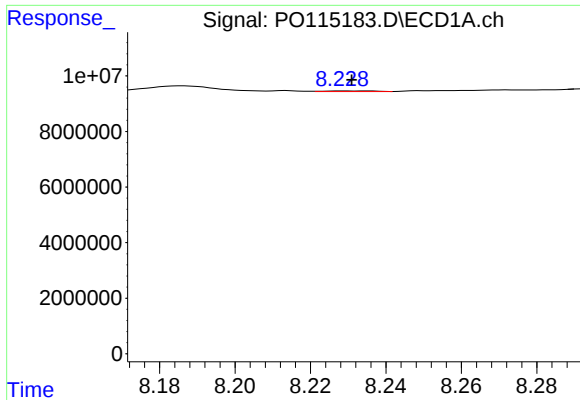
#36 AR-1262-1

R.T.: 7.692 min
Delta R.T.: -0.011 min
Response: 2889360
Conc: 6.37 ng/ml



#36 AR-1262-1

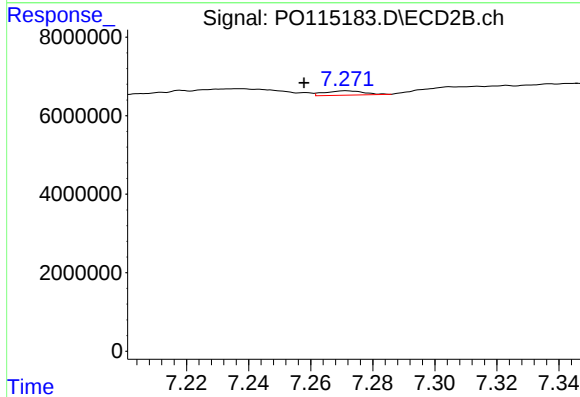
R.T.: 6.767 min
Delta R.T.: 0.008 min
Response: 1939995
Conc: 3.93 ng/ml



#37 AR-1262-2

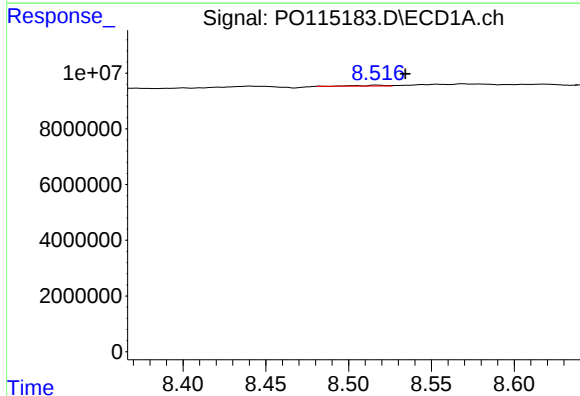
R.T.: 8.229 min
Delta R.T.: -0.002 min
Response: 184900
Conc: 0.26 ng/ml

Instrument :
ECD_O
ClientSampleId :



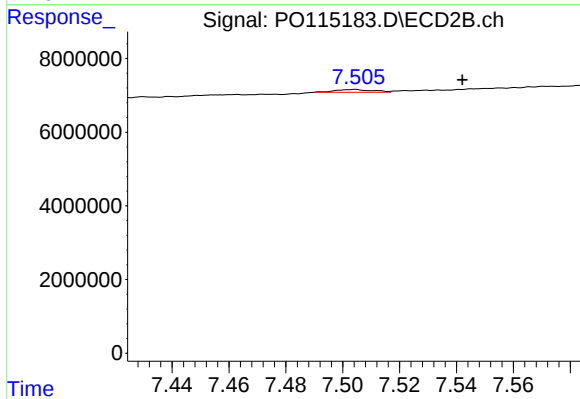
#37 AR-1262-2

R.T.: 7.271 min
Delta R.T.: 0.014 min
Response: 958900
Conc: 1.21 ng/ml



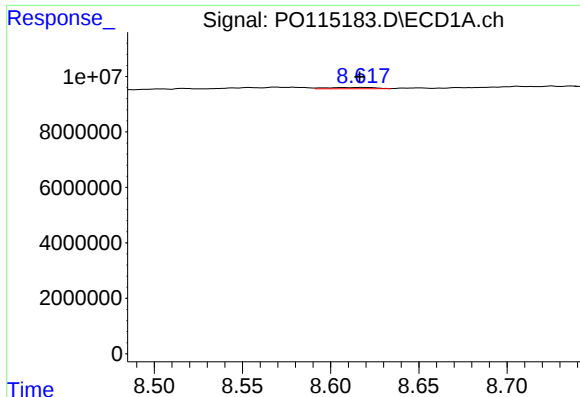
#38 AR-1262-3

R.T.: 8.517 min
Delta R.T.: -0.017 min
Response: 398471
Conc: 0.88 ng/ml



#38 AR-1262-3

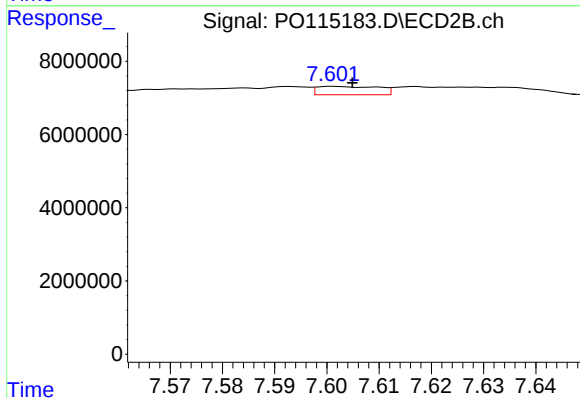
R.T.: 7.504 min
Delta R.T.: -0.038 min
Response: 685381
Conc: 2.08 ng/ml



#39 AR-1262-4

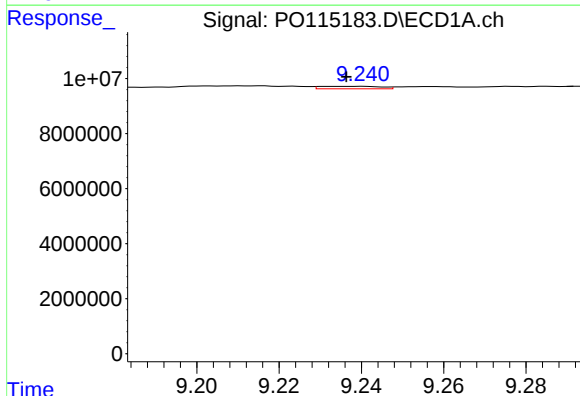
R.T.: 8.618 min
Delta R.T.: 0.002 min
Response: 903962
Conc: 2.69 ng/ml

Instrument :
ECD_O
ClientSampleId :



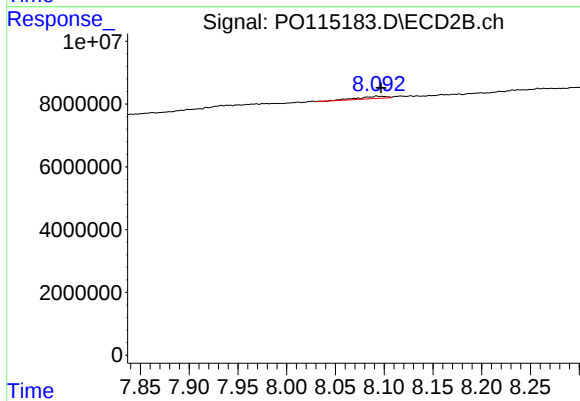
#39 AR-1262-4

R.T.: 7.601 min
Delta R.T.: -0.003 min
Response: 1861520
Conc: 3.46 ng/ml



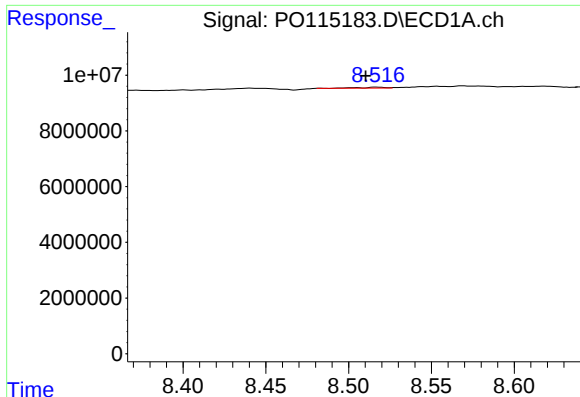
#40 AR-1262-5

R.T.: 9.238 min
Delta R.T.: 0.002 min
Response: 918079
Conc: 3.80 ng/ml



#40 AR-1262-5

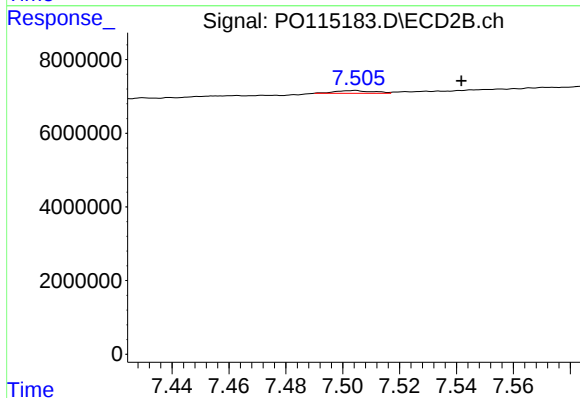
R.T.: 8.092 min
Delta R.T.: -0.004 min
Response: 1456352
Conc: 6.12 ng/ml



#41 AR-1268-1

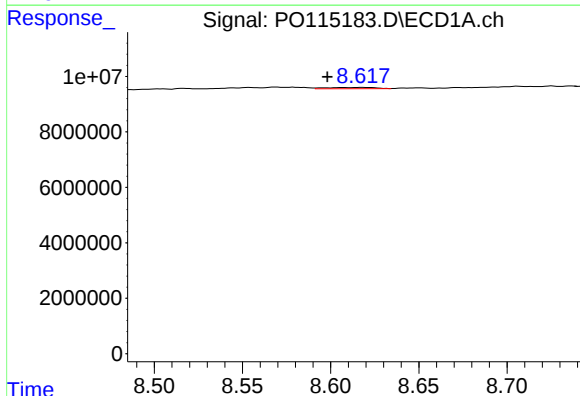
R.T.: 8.517 min
Delta R.T.: 0.007 min
Response: 398471
Conc: 0.46 ng/ml

Instrument :
ECD_O
ClientSampleId :



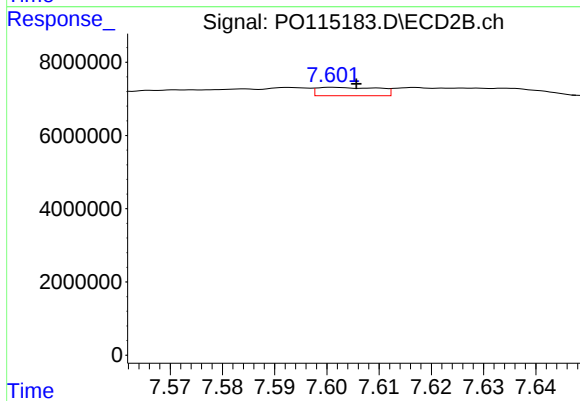
#41 AR-1268-1

R.T.: 7.504 min
Delta R.T.: -0.038 min
Response: 685381
Conc: 0.70 ng/ml



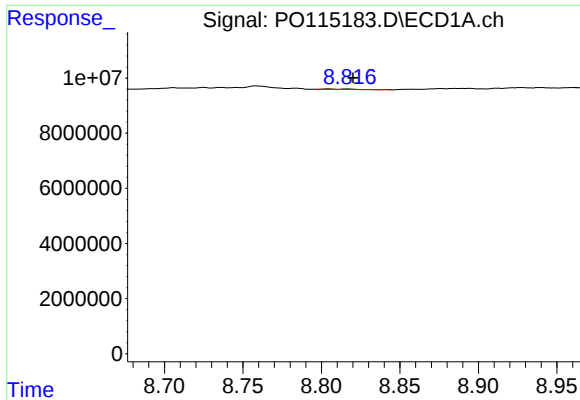
#42 AR-1268-2

R.T.: 8.618 min
Delta R.T.: 0.020 min
Response: 903962
Conc: 1.21 ng/ml



#42 AR-1268-2

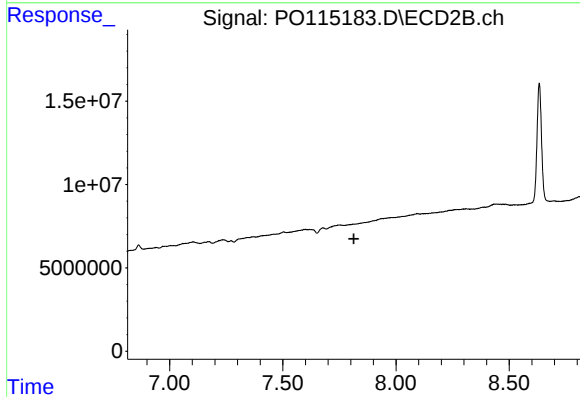
R.T.: 7.601 min
Delta R.T.: -0.004 min
Response: 1861520
Conc: 2.34 ng/ml



#43 AR-1268-3

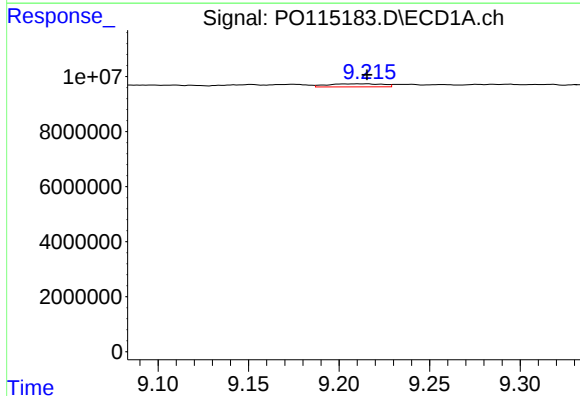
R.T.: 8.805 min
Delta R.T.: -0.015 min
Response: 294115
Conc: 0.44 ng/ml

Instrument :
ECD_O
ClientSampleId :



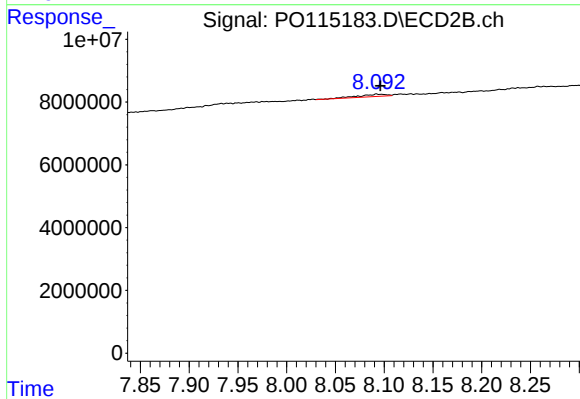
#43 AR-1268-3

R.T.: 7.814 min
Delta R.T.: 0.000 min
Response: -134817
Conc: N.D.



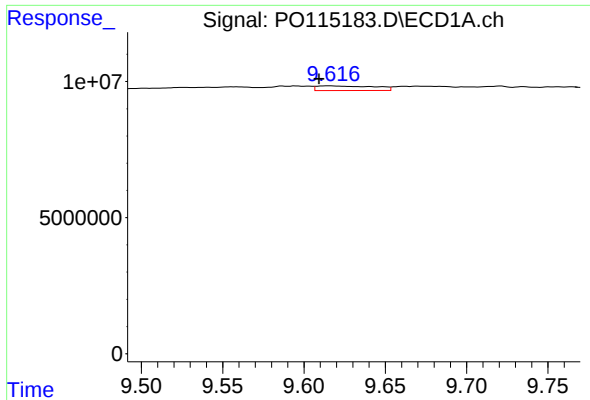
#44 AR-1268-4

R.T.: 9.214 min
Delta R.T.: -0.002 min
Response: 2307538
Conc: 8.22 ng/ml



#44 AR-1268-4

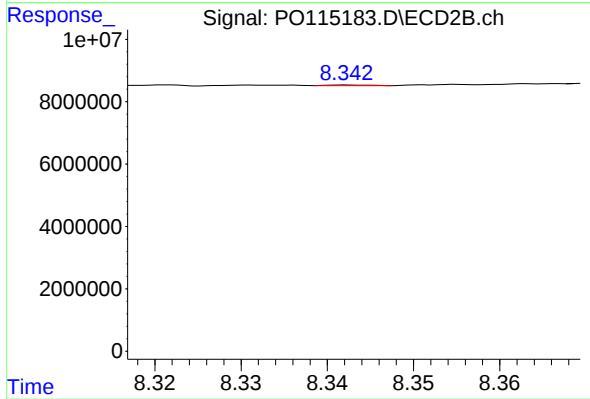
R.T.: 8.092 min
Delta R.T.: -0.004 min
Response: 1456352
Conc: 5.29 ng/ml



#45 AR-1268-5

R.T.: 9.616 min
Delta R.T.: 0.006 min
Response: 4269182
Conc: 2.20 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.343 min
Delta R.T.: -0.044 min
Response: 68490
Conc: 0.04 ng/ml