

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0031025\
 Data File : P0109765.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Mar 2025 17:21
 Operator : YP/AJ
 Sample : Q1528-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 FERNOT

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 11 00:59:42 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0022025.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Feb 21 04:40:23 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.700	3.698	79916100	51773774	8.443	9.891
2)	SA Decachlor...	8.750	8.702	94448538	38905914	10.980	12.218
Target Compounds							
3)	L1 AR-1016-1	4.797	4.784	5452656	4131937	17.687	26.458 #
4)	L1 AR-1016-2	4.823	4.784	515715	4131937	1.225	19.091 #
6)	L1 AR-1016-4	4.999	5.039	-1424322	5992161	N.D.	57.578 #
7)	L1 AR-1016-5	5.278	5.228	1336086	490647	5.174	3.601 #
8)	L2 AR-1221-1	3.931	3.927	25038512	15417511	189.860	225.065
9)	L2 AR-1221-2	4.001	3.996	5361217	1660485	54.318	32.343 #
10)	L2 AR-1221-3	4.049	4.065	7855731	391208	29.113	2.690 #
11)	L3 AR-1232-1	4.049	4.065	7855731	391208	37.600	3.510 #
12)	L3 AR-1232-2	4.567	4.784	6279058	4131937	54.091	39.993 #
14)	L3 AR-1232-4	4.999	5.058	-1424322	2250963	N.D.	41.005 #
16)	L4 AR-1242-1	4.797	4.784	5452656	4131937	20.830	31.220 #
17)	L4 AR-1242-2	4.823	4.784	515715	4131937	1.448	22.764 #
19)	L4 AR-1242-4	4.999	5.058	-1424322	2250963	N.D.	21.053 #
20)	L4 AR-1242-5	5.617	5.596	19160866	13711855	89.380	109.079
21)	L5 AR-1248-1	4.797	4.784	5452656	4131937	27.330	41.103 #
22)	L5 AR-1248-2	4.999	5.039	-1424322	5992161	N.D.	41.189 #
23)	L5 AR-1248-3	5.278	5.058	1336086	2250963	3.824	14.522 #
24)	L5 AR-1248-4	5.617	5.228	19160866	490647	40.162	2.714 #
25)	L5 AR-1248-5	5.617	5.596	19160866	13711855	55.943	79.626 #
26)	L6 AR-1254-1	5.617	5.596	19160866	13711855	37.162	52.428 #
27)	L6 AR-1254-2	5.713f	5.736	10191454	2327666	22.629	9.923 #
28)	L6 AR-1254-3	6.151	6.124	5134594	3989568	7.172	11.185 #
29)	L6 AR-1254-4	6.366	6.340	14374325	11917576	34.323	61.710 #
30)	L6 AR-1254-5	6.806	6.779	1133002	691594	1.816	2.331 #
31)	L7 AR-1260-1	6.282	6.259	8355337	4969882	17.925	20.977
32)	L7 AR-1260-2	6.473	6.441	4607610	4763726	8.153	17.312 #
33)	L7 AR-1260-3	6.874	6.617	6272670	510646	13.187	2.002 #
34)	L7 AR-1260-4	7.127	7.043	9296240	4844313	21.539	23.494
35)	L7 AR-1260-5	7.334	7.325	18426906	6528547	18.540	14.580
36)	L8 AR-1262-1	6.874	6.839	6272670	1232167	9.421	3.884 #
37)	L8 AR-1262-2	7.334	7.325	18426906	6528547	16.311	13.093
38)	L8 AR-1262-3	7.593f	7.609	29687188	-1622493	66.227	N.D. #
39)	L8 AR-1262-4	7.676	7.656	10150208	715955	12.241	2.017 #
40)	L8 AR-1262-5	8.186	8.149	1998331	371168	5.353	2.593 #
41)	L9 AR-1268-1	7.593f	7.609	29687188	-1622493	22.419	N.D. #
42)	L9 AR-1268-2	7.676	7.656	10150208	715955	8.395	1.364 #
43)	L9 AR-1268-3	7.917	7.857	4463508	517124	4.384	1.208 #
44)	L9 AR-1268-4	8.186	8.149	1998331	371168	4.704	2.301 #
45)	L9 AR-1268-5	8.483	8.437	4345864	966849	1.439	0.884 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0031025\
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Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Mar 2025 17:21
Operator : YP/AJ
Sample : Q1528-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

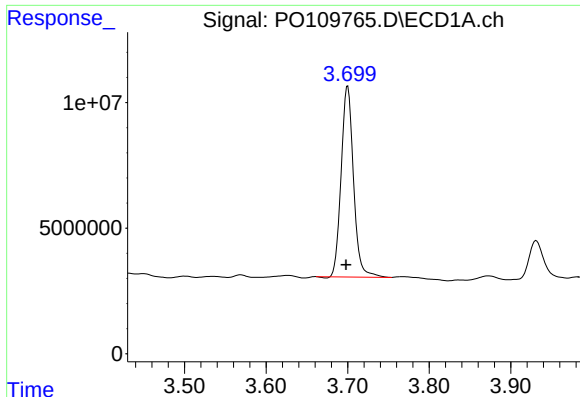
Instrument :
ECD_O
ClientSampleId :
FERNOT

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 11 00:59:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 04:40:23 2025
Response via : Initial Calibration
Integrator: ChemStation

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

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

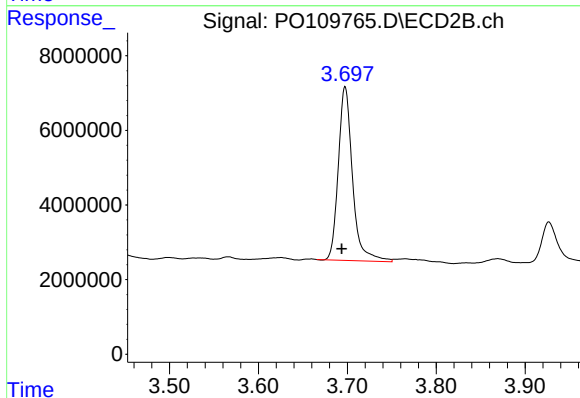
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

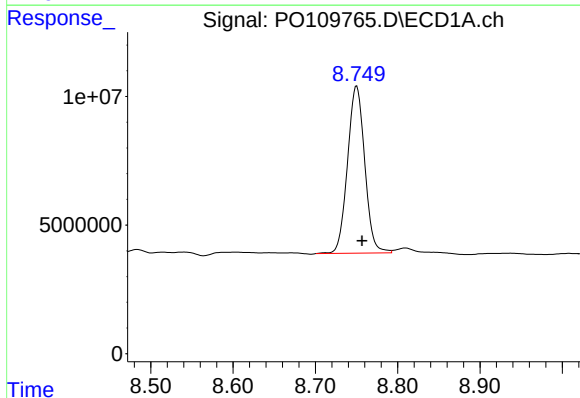
R.T.: 3.700 min
Delta R.T.: 0.002 min
Response: 79916100
Conc: 8.44 ng/ml

Instrument :
ECD_O
ClientSampleId :
FERNOT



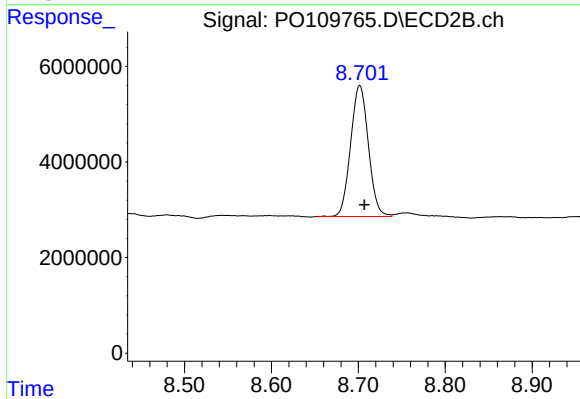
#1 Tetrachloro-m-xylene

R.T.: 3.698 min
Delta R.T.: 0.004 min
Response: 51773774
Conc: 9.89 ng/ml



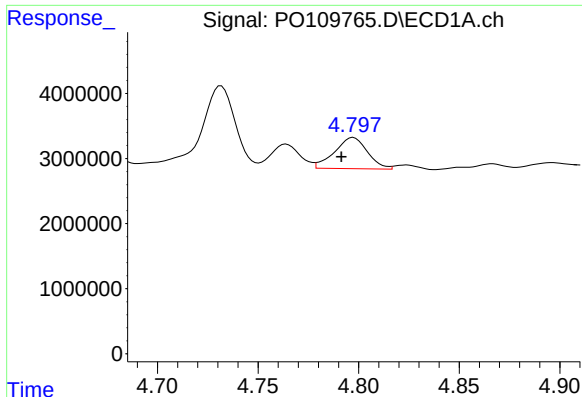
#2 Decachlorobiphenyl

R.T.: 8.750 min
Delta R.T.: -0.007 min
Response: 94448538
Conc: 10.98 ng/ml



#2 Decachlorobiphenyl

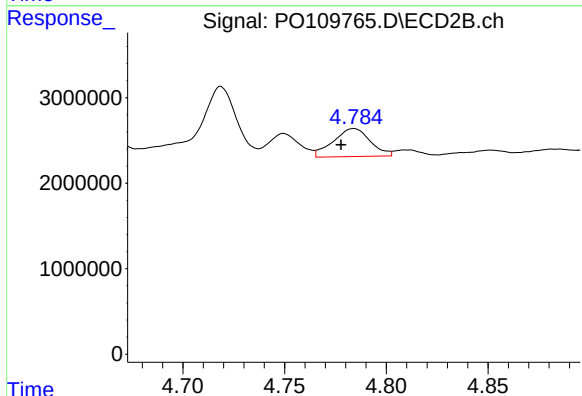
R.T.: 8.702 min
Delta R.T.: -0.005 min
Response: 38905914
Conc: 12.22 ng/ml



#3 AR-1016-1

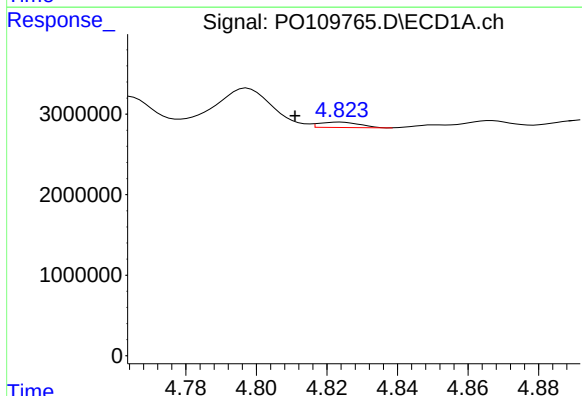
R.T.: 4.797 min
Delta R.T.: 0.006 min
Response: 5452656
Conc: 17.69 ng/ml

Instrument :
ECD_O
ClientSampleId :
FERNOT



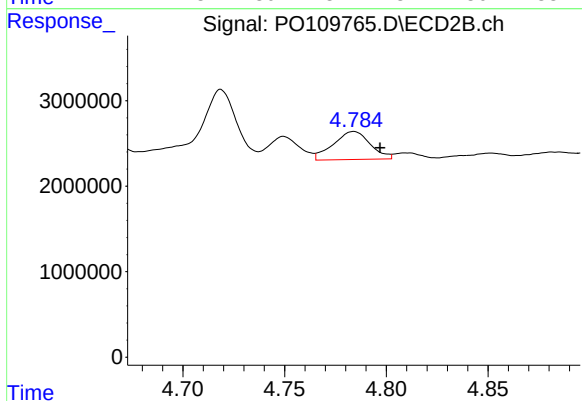
#3 AR-1016-1

R.T.: 4.784 min
Delta R.T.: 0.006 min
Response: 4131937
Conc: 26.46 ng/ml



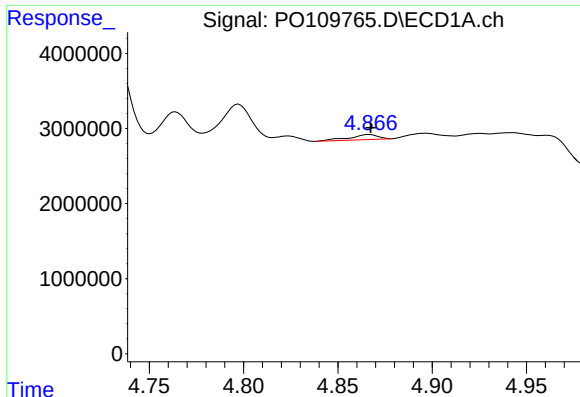
#4 AR-1016-2

R.T.: 4.823 min
Delta R.T.: 0.012 min
Response: 515715
Conc: 1.22 ng/ml



#4 AR-1016-2

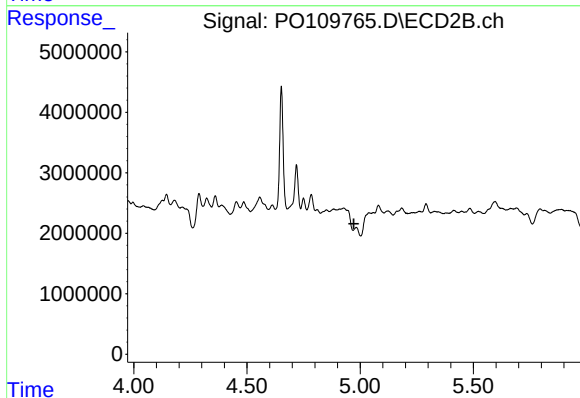
R.T.: 4.784 min
Delta R.T.: -0.013 min
Response: 4131937
Conc: 19.09 ng/ml



#5 AR-1016-3

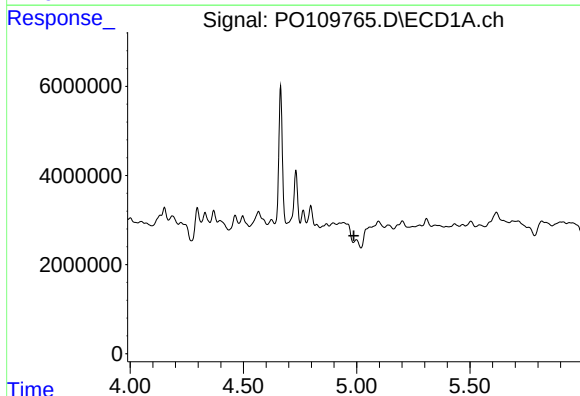
R.T.: 4.867 min
Delta R.T.: 0.000 min
Response: 704134
Conc: 2.38 ng/ml

Instrument :
ECD_O
ClientSampleId :
FERNOT



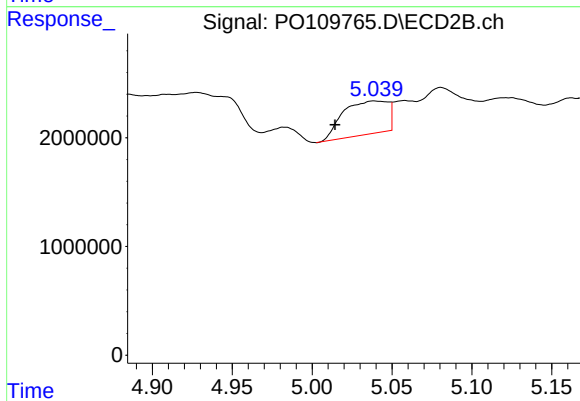
#5 AR-1016-3

R.T.: 4.983 min
Delta R.T.: 0.010 min
Response: -735666
Conc: N.D.



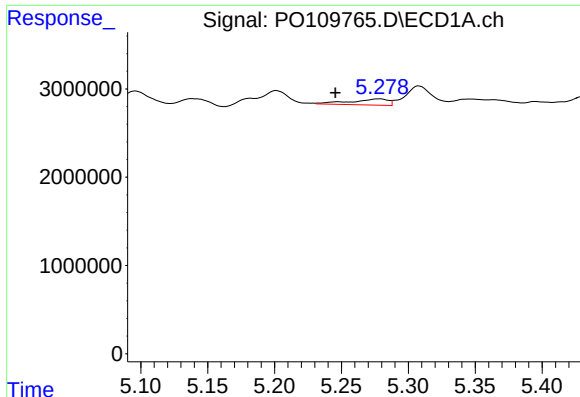
#6 AR-1016-4

R.T.: 4.999 min
Delta R.T.: 0.011 min
Response: -1424322
Conc: N.D.



#6 AR-1016-4

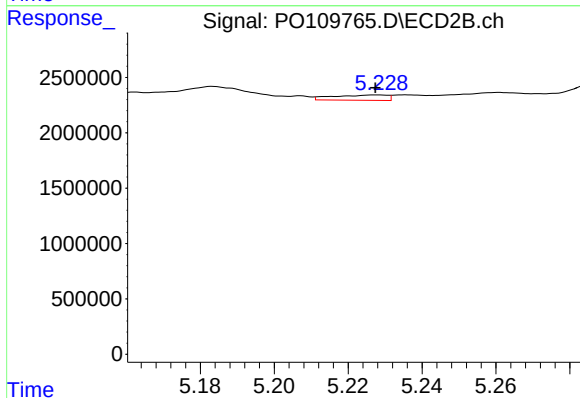
R.T.: 5.039 min
Delta R.T.: 0.025 min
Response: 5992161
Conc: 57.58 ng/ml



#7 AR-1016-5

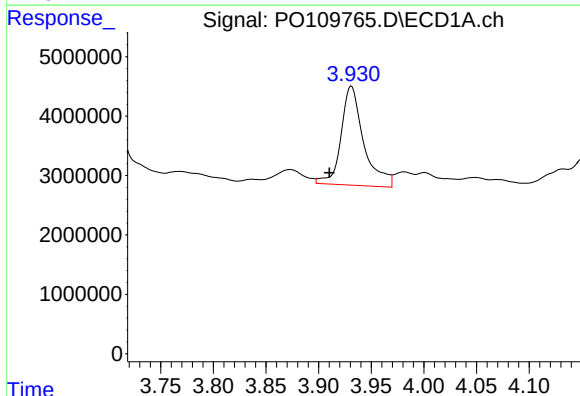
R.T.: 5.278 min
Delta R.T.: 0.033 min
Response: 1336086
Conc: 5.17 ng/ml

Instrument :
ECD_O
ClientSampleId :
FERNOT



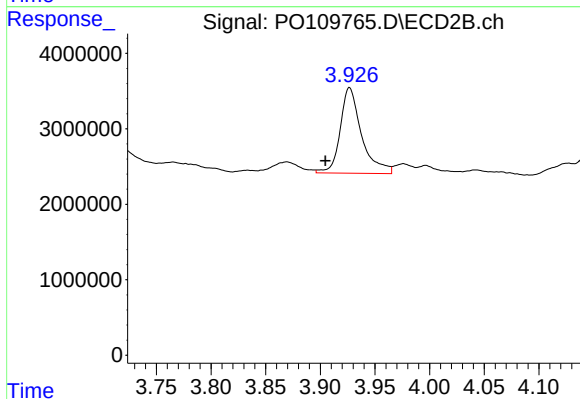
#7 AR-1016-5

R.T.: 5.228 min
Delta R.T.: 0.000 min
Response: 490647
Conc: 3.60 ng/ml



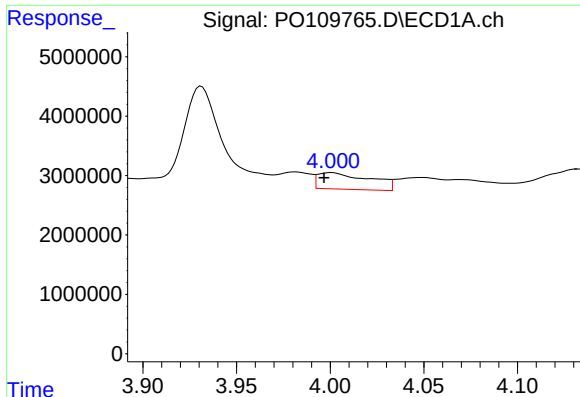
#8 AR-1221-1

R.T.: 3.931 min
Delta R.T.: 0.021 min
Response: 25038512
Conc: 189.86 ng/ml



#8 AR-1221-1

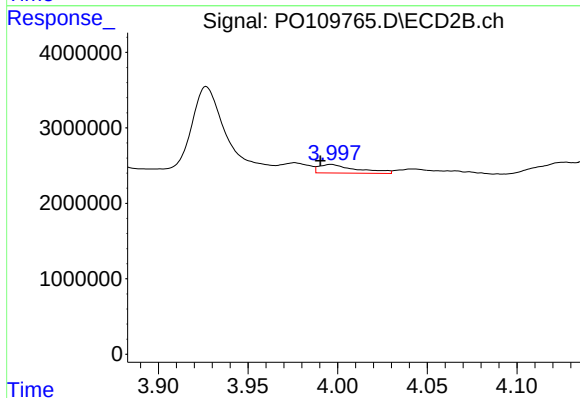
R.T.: 3.927 min
Delta R.T.: 0.022 min
Response: 15417511
Conc: 225.07 ng/ml



#9 AR-1221-2

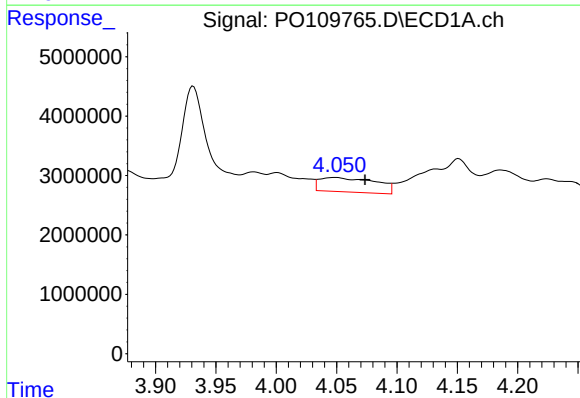
R.T.: 4.001 min
Delta R.T.: 0.004 min
Response: 5361217
Conc: 54.32 ng/ml

Instrument :
ECD_O
ClientSampleId :
FERNOT



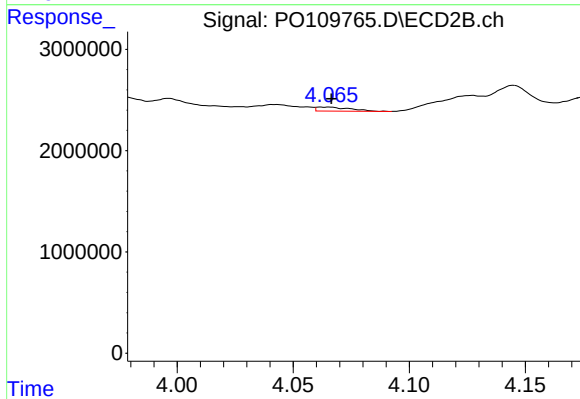
#9 AR-1221-2

R.T.: 3.996 min
Delta R.T.: 0.006 min
Response: 1660485
Conc: 32.34 ng/ml



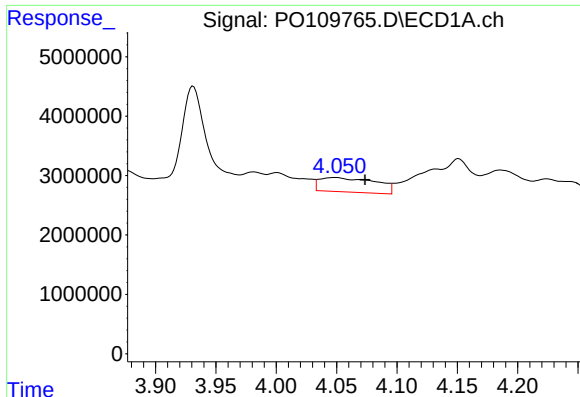
#10 AR-1221-3

R.T.: 4.049 min
Delta R.T.: -0.025 min
Response: 7855731
Conc: 29.11 ng/ml



#10 AR-1221-3

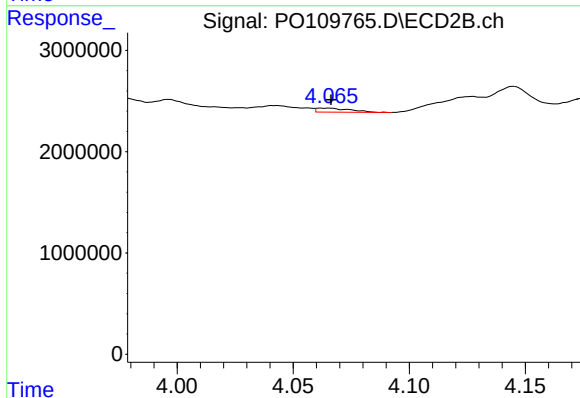
R.T.: 4.065 min
Delta R.T.: -0.001 min
Response: 391208
Conc: 2.69 ng/ml



#11 AR-1232-1

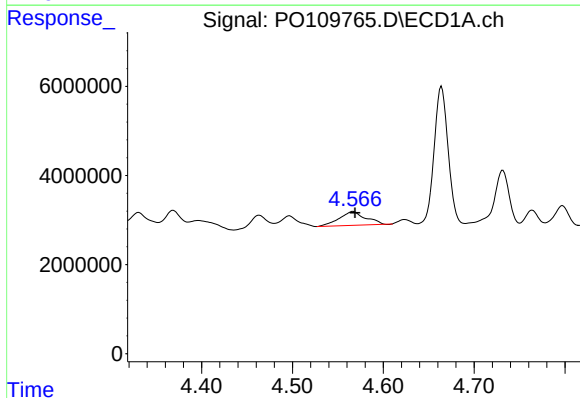
R.T.: 4.049 min
Delta R.T.: -0.025 min
Response: 7855731
Conc: 37.60 ng/ml

Instrument :
ECD_O
ClientSampleId :
FERNOT



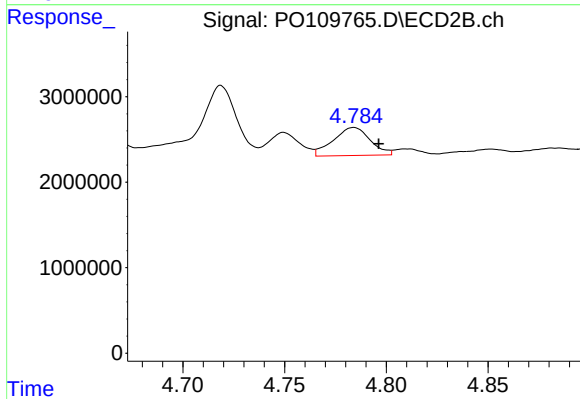
#11 AR-1232-1

R.T.: 4.065 min
Delta R.T.: -0.001 min
Response: 391208
Conc: 3.51 ng/ml



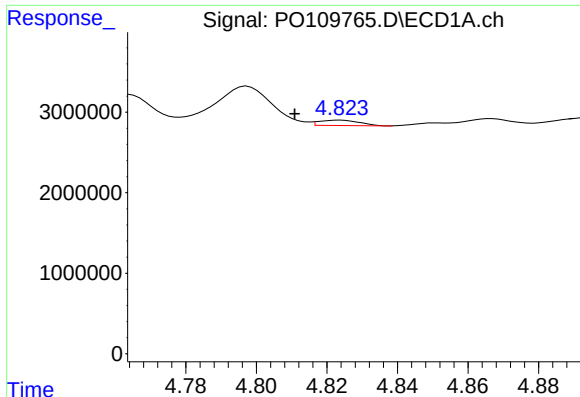
#12 AR-1232-2

R.T.: 4.567 min
Delta R.T.: -0.002 min
Response: 6279058
Conc: 54.09 ng/ml



#12 AR-1232-2

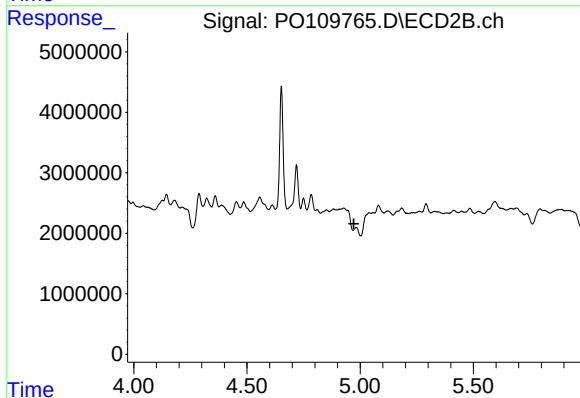
R.T.: 4.784 min
Delta R.T.: -0.012 min
Response: 4131937
Conc: 39.99 ng/ml



#13 AR-1232-3

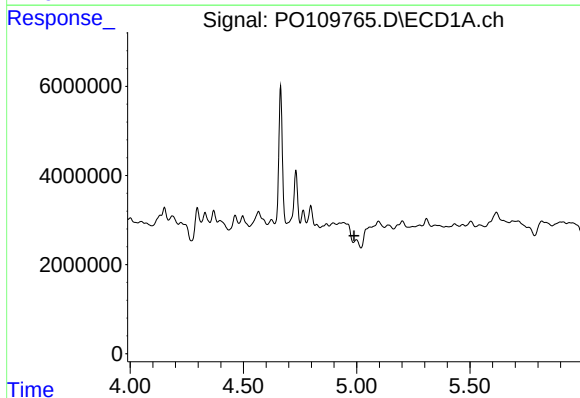
R.T.: 4.823 min
Delta R.T.: 0.013 min
Response: 515715
Conc: 2.55 ng/ml

Instrument :
ECD_O
ClientSampleId :
FERNOT



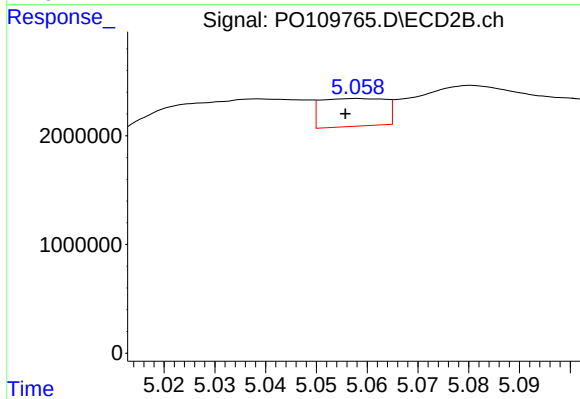
#13 AR-1232-3

R.T.: 4.983 min
Delta R.T.: 0.011 min
Response: -735666
Conc: N.D.



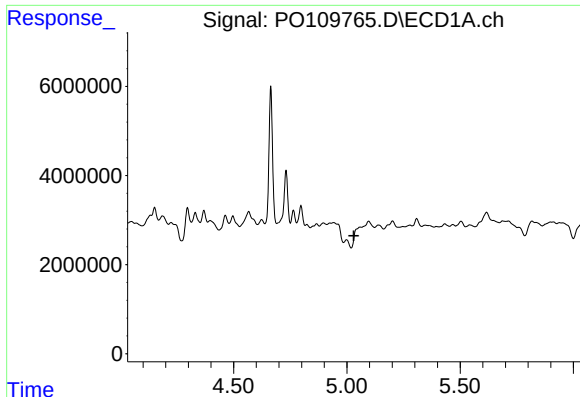
#14 AR-1232-4

R.T.: 4.999 min
Delta R.T.: 0.011 min
Response: -1424322
Conc: N.D.



#14 AR-1232-4

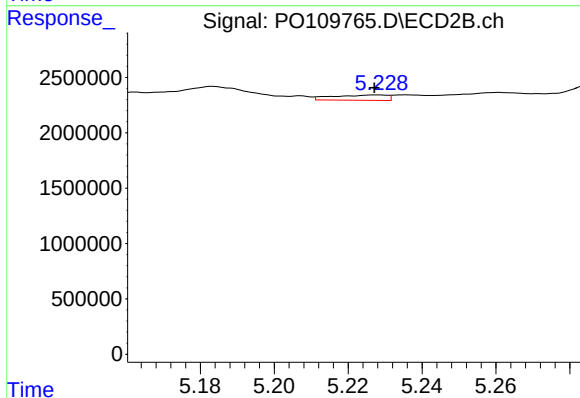
R.T.: 5.058 min
Delta R.T.: 0.002 min
Response: 2250963
Conc: 41.01 ng/ml



#15 AR-1232-5

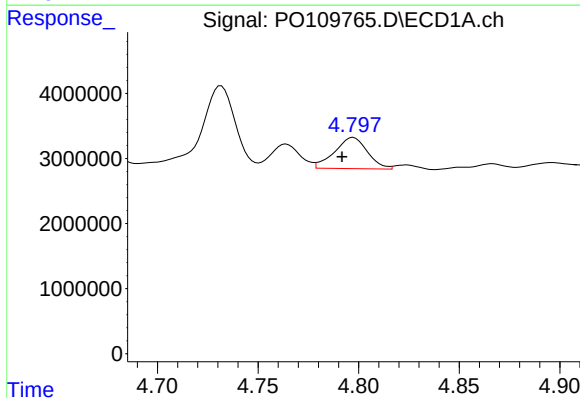
R.T.: 4.999 min
Delta R.T.: -0.032 min
Response: -1424322
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
FERNOT



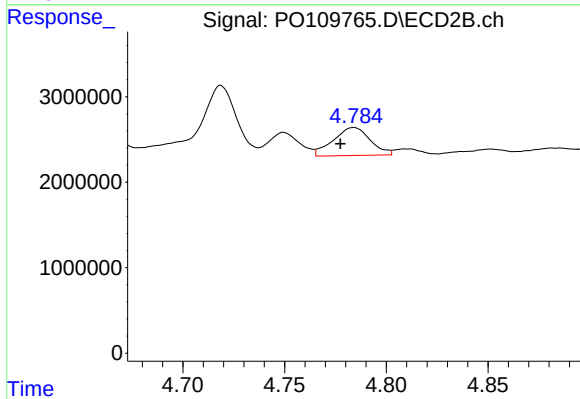
#15 AR-1232-5

R.T.: 5.228 min
Delta R.T.: 0.000 min
Response: 490647
Conc: 8.34 ng/ml



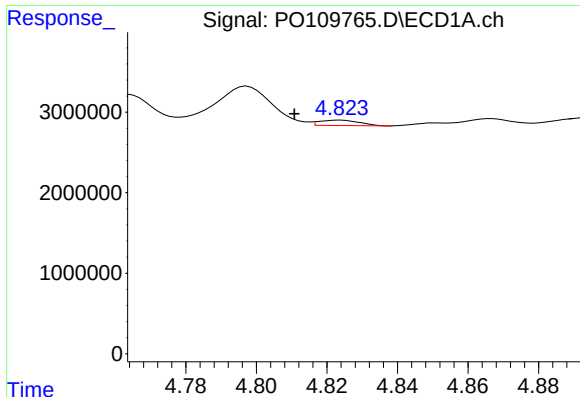
#16 AR-1242-1

R.T.: 4.797 min
Delta R.T.: 0.005 min
Response: 5452656
Conc: 20.83 ng/ml



#16 AR-1242-1

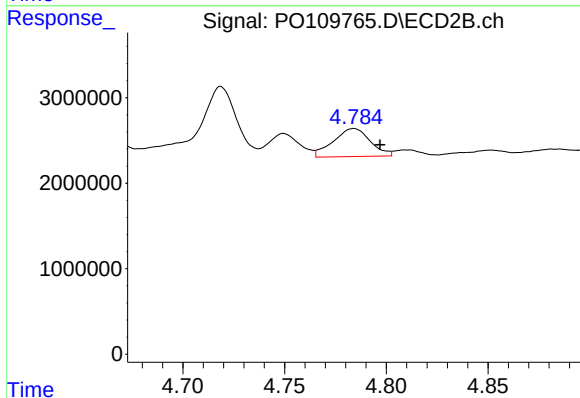
R.T.: 4.784 min
Delta R.T.: 0.007 min
Response: 4131937
Conc: 31.22 ng/ml



#17 AR-1242-2

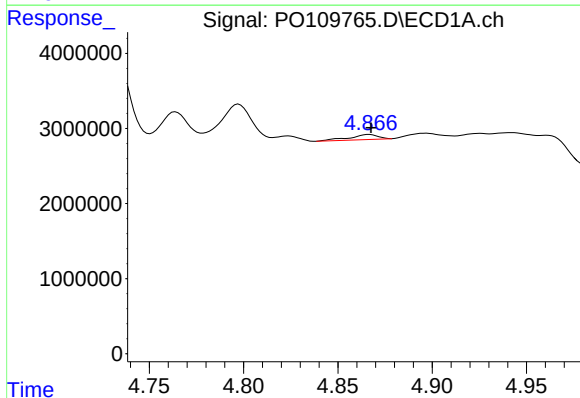
R.T.: 4.823 min
Delta R.T.: 0.013 min
Response: 515715
Conc: 1.45 ng/ml

Instrument :
ECD_O
ClientSampleId :
FERNOT



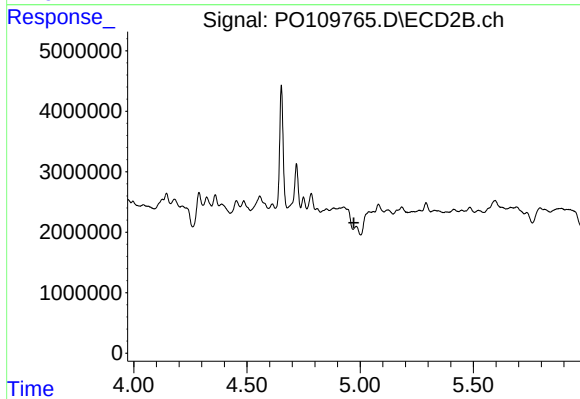
#17 AR-1242-2

R.T.: 4.784 min
Delta R.T.: -0.013 min
Response: 4131937
Conc: 22.76 ng/ml



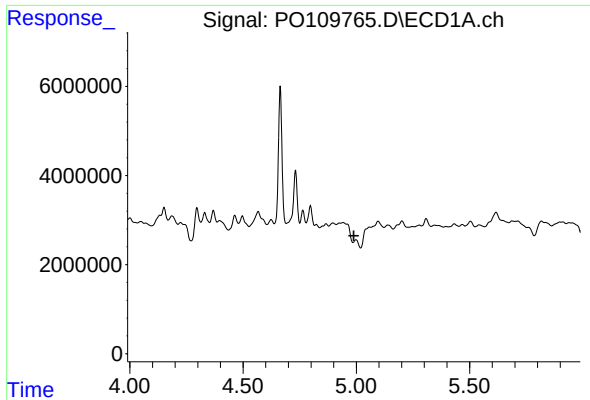
#18 AR-1242-3

R.T.: 4.867 min
Delta R.T.: -0.001 min
Response: 704134
Conc: 2.80 ng/ml



#18 AR-1242-3

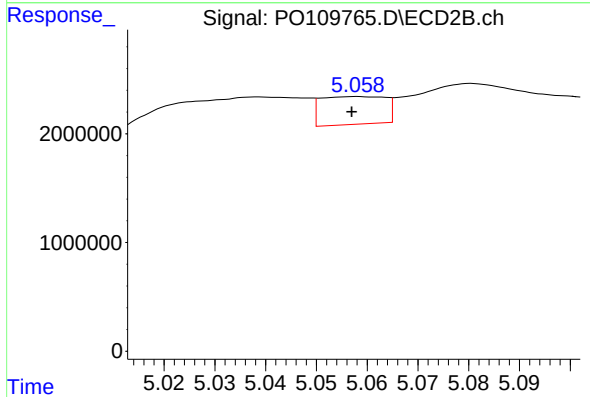
R.T.: 4.983 min
Delta R.T.: 0.010 min
Response: -735666
Conc: N.D.



#19 AR-1242-4

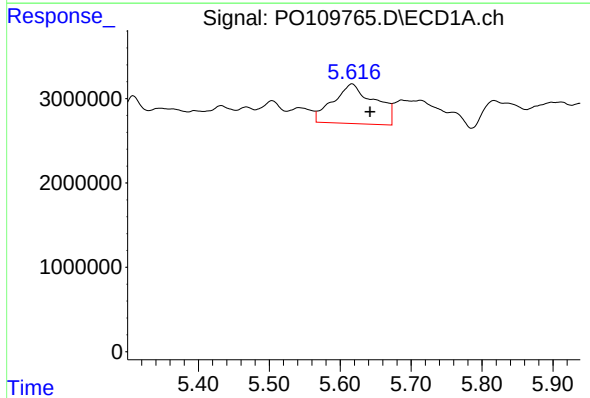
R.T.: 4.999 min
Delta R.T.: 0.010 min
Response: -1424322
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
FERNOT



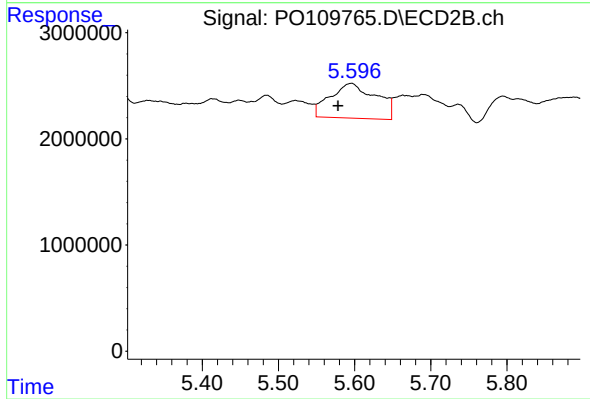
#19 AR-1242-4

R.T.: 5.058 min
Delta R.T.: 0.000 min
Response: 2250963
Conc: 21.05 ng/ml



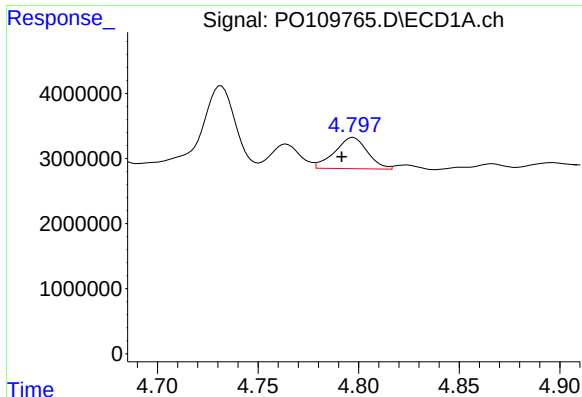
#20 AR-1242-5

R.T.: 5.617 min
Delta R.T.: -0.025 min
Response: 19160866
Conc: 89.38 ng/ml



#20 AR-1242-5

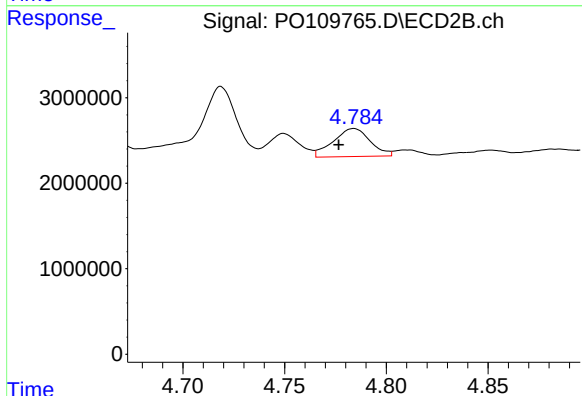
R.T.: 5.596 min
Delta R.T.: 0.017 min
Response: 13711855
Conc: 109.08 ng/ml



#21 AR-1248-1

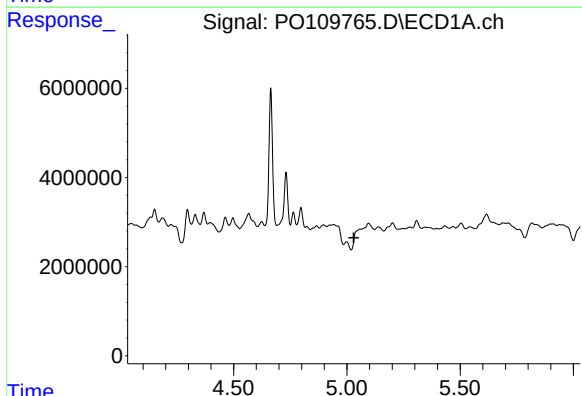
R.T.: 4.797 min
Delta R.T.: 0.006 min
Response: 5452656
Conc: 27.33 ng/ml

Instrument :
ECD_O
ClientSampleId :
FERNOT



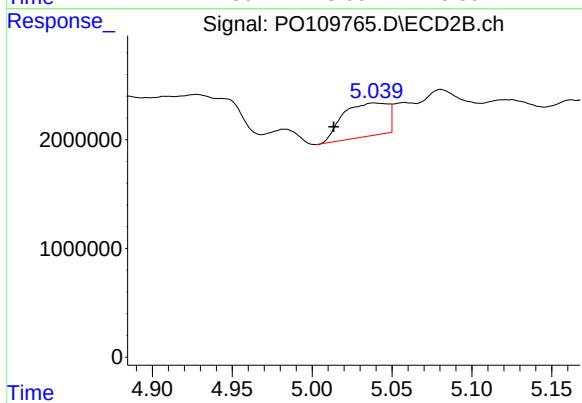
#21 AR-1248-1

R.T.: 4.784 min
Delta R.T.: 0.007 min
Response: 4131937
Conc: 41.10 ng/ml



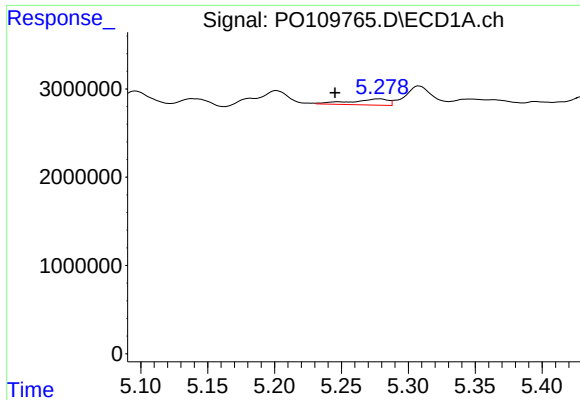
#22 AR-1248-2

R.T.: 4.999 min
Delta R.T.: -0.032 min
Response: -1424322
Conc: N.D.



#22 AR-1248-2

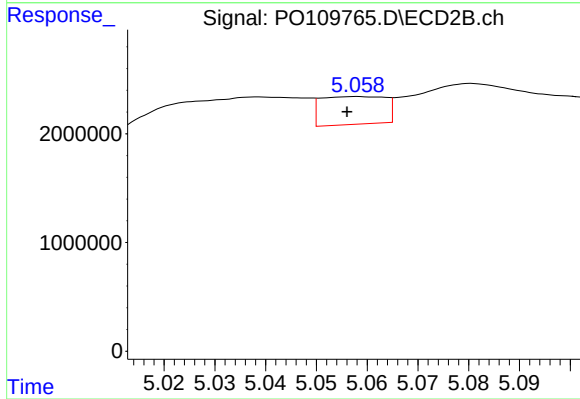
R.T.: 5.039 min
Delta R.T.: 0.025 min
Response: 5992161
Conc: 41.19 ng/ml



#23 AR-1248-3

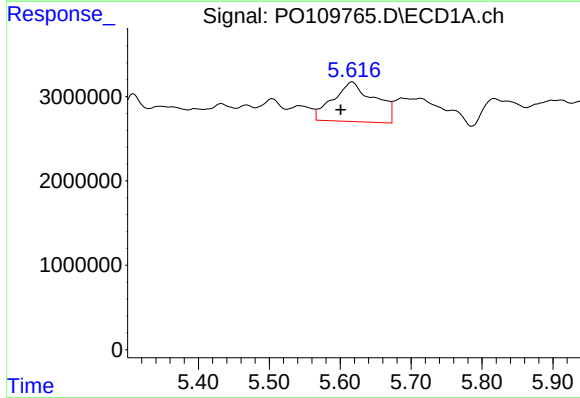
R.T.: 5.278 min
Delta R.T.: 0.033 min
Response: 1336086
Conc: 3.82 ng/ml

Instrument :
ECD_O
ClientSampleId :
FERNOT



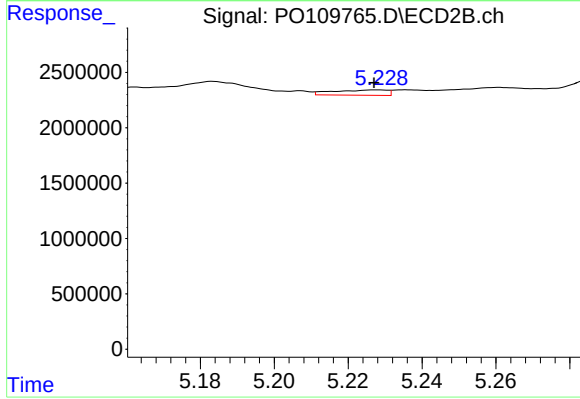
#23 AR-1248-3

R.T.: 5.058 min
Delta R.T.: 0.002 min
Response: 2250963
Conc: 14.52 ng/ml



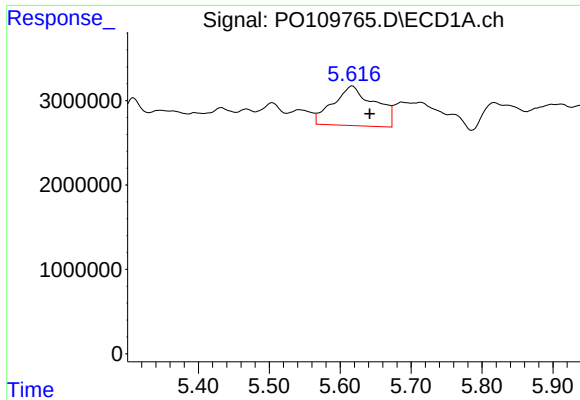
#24 AR-1248-4

R.T.: 5.617 min
Delta R.T.: 0.016 min
Response: 19160866
Conc: 40.16 ng/ml



#24 AR-1248-4

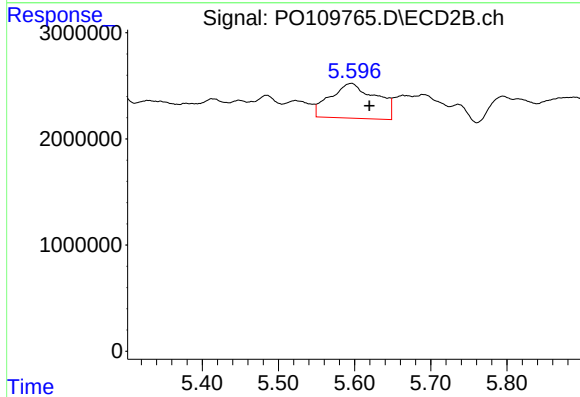
R.T.: 5.228 min
Delta R.T.: 0.000 min
Response: 490647
Conc: 2.71 ng/ml



#25 AR-1248-5

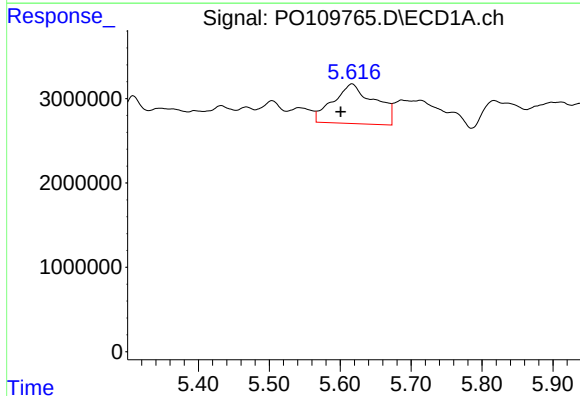
R.T.: 5.617 min
Delta R.T.: -0.025 min
Response: 19160866
Conc: 55.94 ng/ml

Instrument :
ECD_O
ClientSampleId :
FERNOT



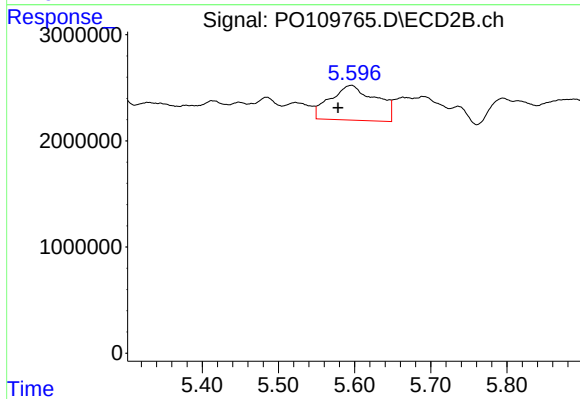
#25 AR-1248-5

R.T.: 5.596 min
Delta R.T.: -0.024 min
Response: 13711855
Conc: 79.63 ng/ml



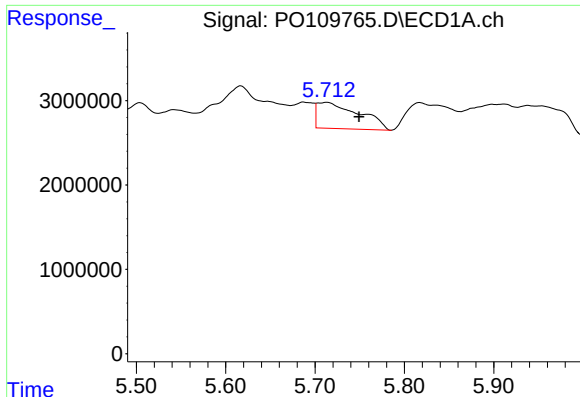
#26 AR-1254-1

R.T.: 5.617 min
Delta R.T.: 0.016 min
Response: 19160866
Conc: 37.16 ng/ml



#26 AR-1254-1

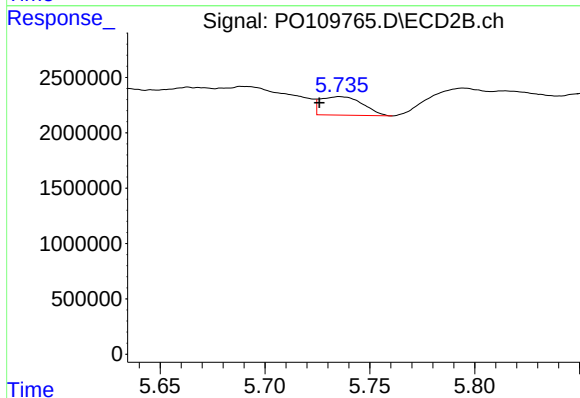
R.T.: 5.596 min
Delta R.T.: 0.017 min
Response: 13711855
Conc: 52.43 ng/ml



#27 AR-1254-2

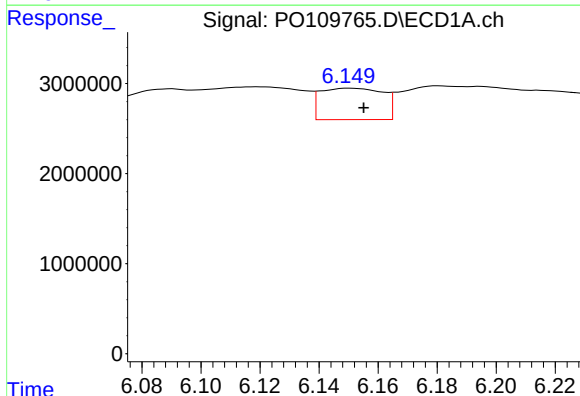
R.T.: 5.713 min
Delta R.T.: -0.036 min
Response: 10191454
Conc: 22.63 ng/ml

Instrument :
ECD_O
ClientSampleId :
FERNOT



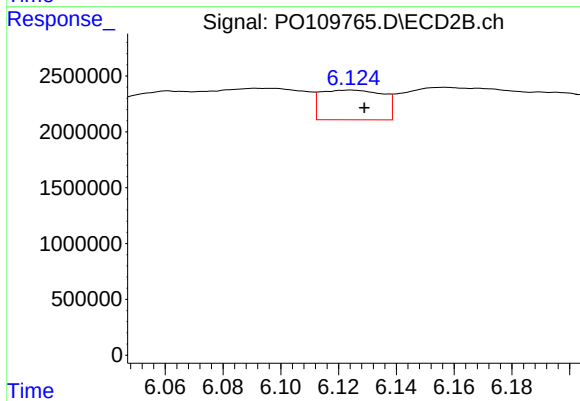
#27 AR-1254-2

R.T.: 5.736 min
Delta R.T.: 0.010 min
Response: 2327666
Conc: 9.92 ng/ml



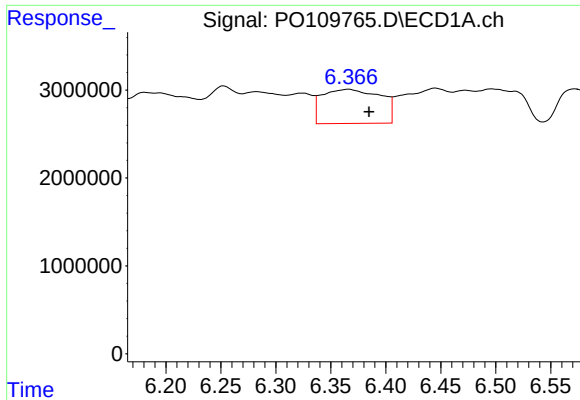
#28 AR-1254-3

R.T.: 6.151 min
Delta R.T.: -0.004 min
Response: 5134594
Conc: 7.17 ng/ml



#28 AR-1254-3

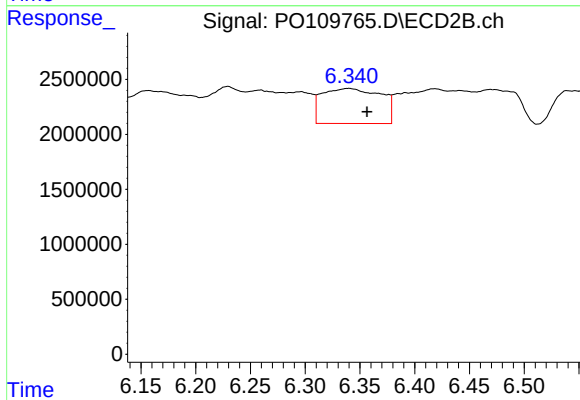
R.T.: 6.124 min
Delta R.T.: -0.005 min
Response: 3989568
Conc: 11.18 ng/ml



#29 AR-1254-4

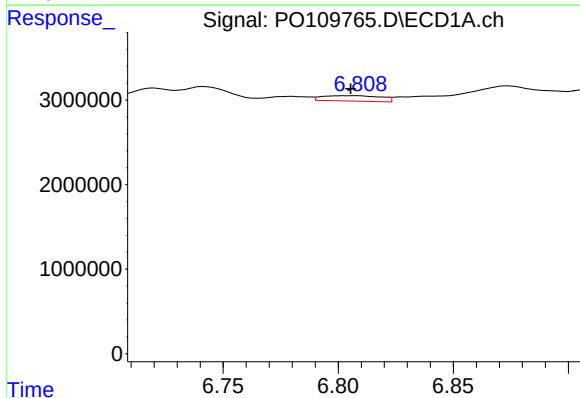
R.T.: 6.366 min
Delta R.T.: -0.019 min
Response: 14374325
Conc: 34.32 ng/ml

Instrument :
ECD_O
ClientSampleId :
FERNOT



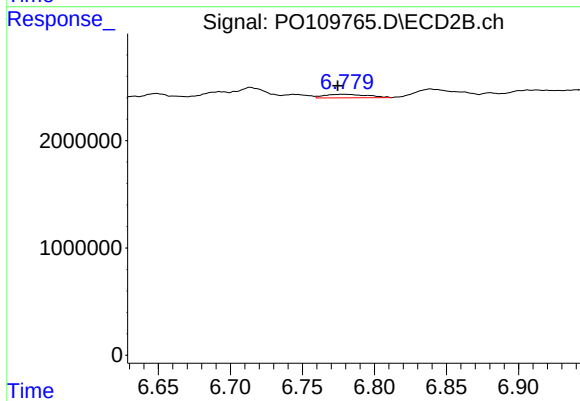
#29 AR-1254-4

R.T.: 6.340 min
Delta R.T.: -0.016 min
Response: 11917576
Conc: 61.71 ng/ml



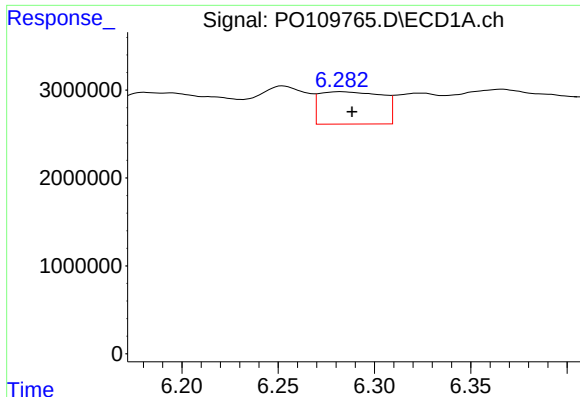
#30 AR-1254-5

R.T.: 6.806 min
Delta R.T.: 0.000 min
Response: 1133002
Conc: 1.82 ng/ml



#30 AR-1254-5

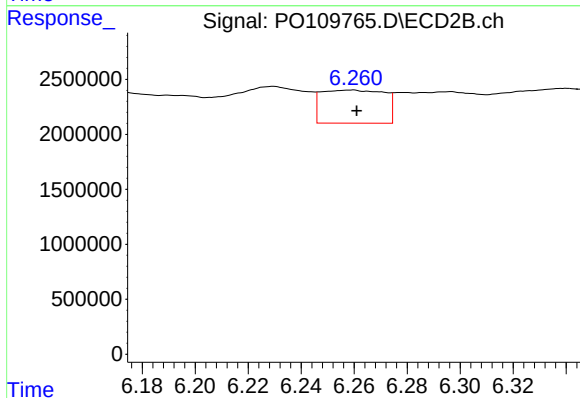
R.T.: 6.779 min
Delta R.T.: 0.004 min
Response: 691594
Conc: 2.33 ng/ml



#31 AR-1260-1

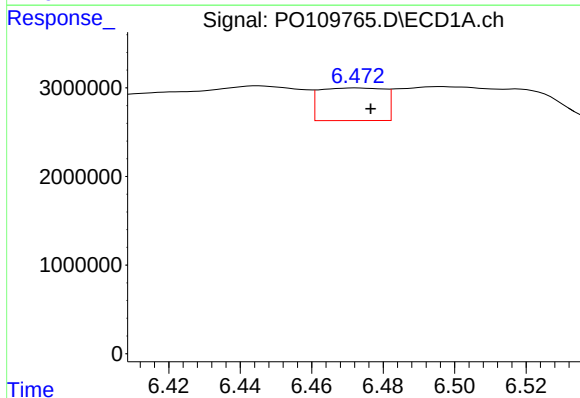
R.T.: 6.282 min
Delta R.T.: -0.006 min
Response: 8355337
Conc: 17.92 ng/ml

Instrument :
ECD_O
ClientSampleId :
FERNOT



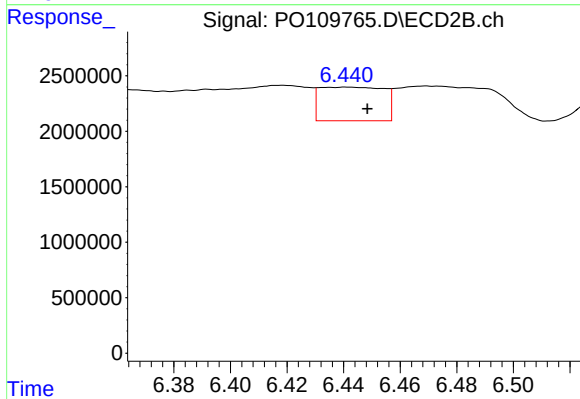
#31 AR-1260-1

R.T.: 6.259 min
Delta R.T.: -0.002 min
Response: 4969882
Conc: 20.98 ng/ml



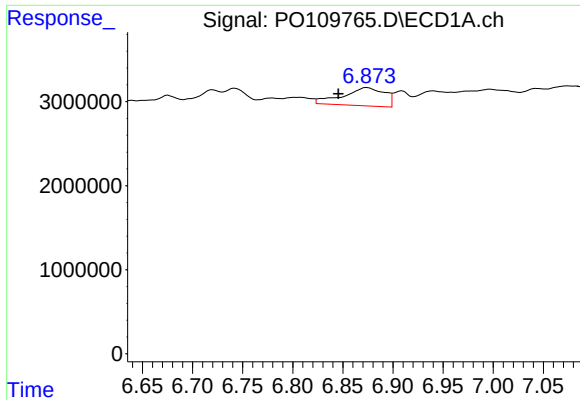
#32 AR-1260-2

R.T.: 6.473 min
Delta R.T.: -0.004 min
Response: 4607610
Conc: 8.15 ng/ml



#32 AR-1260-2

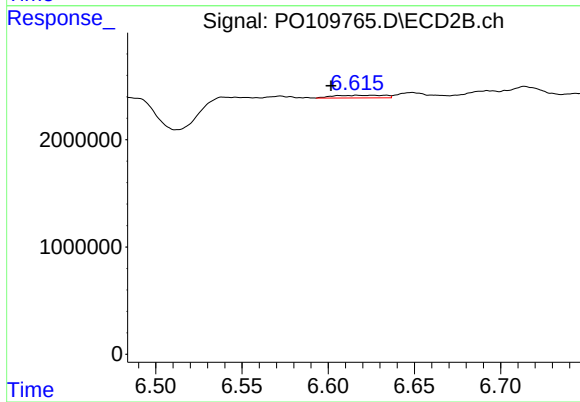
R.T.: 6.441 min
Delta R.T.: -0.007 min
Response: 4763726
Conc: 17.31 ng/ml



#33 AR-1260-3

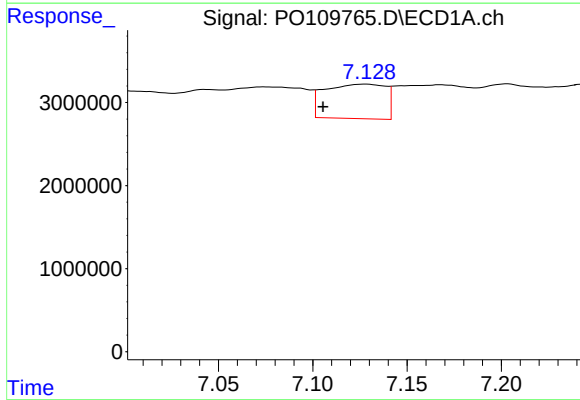
R.T.: 6.874 min
Delta R.T.: 0.028 min
Response: 6272670
Conc: 13.19 ng/ml

Instrument :
ECD_O
ClientSampleId :
FERNOT



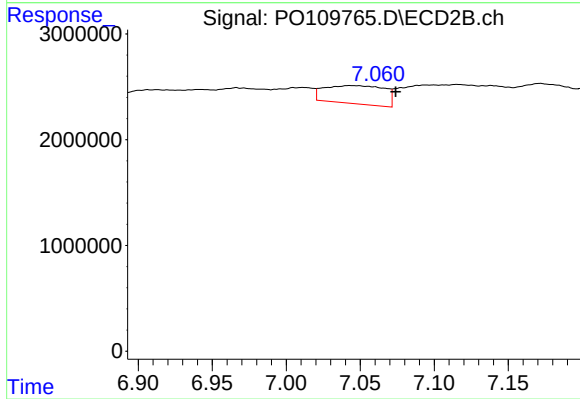
#33 AR-1260-3

R.T.: 6.617 min
Delta R.T.: 0.015 min
Response: 510646
Conc: 2.00 ng/ml



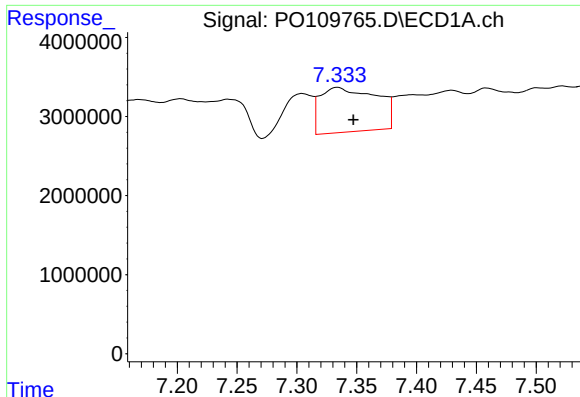
#34 AR-1260-4

R.T.: 7.127 min
Delta R.T.: 0.022 min
Response: 9296240
Conc: 21.54 ng/ml



#34 AR-1260-4

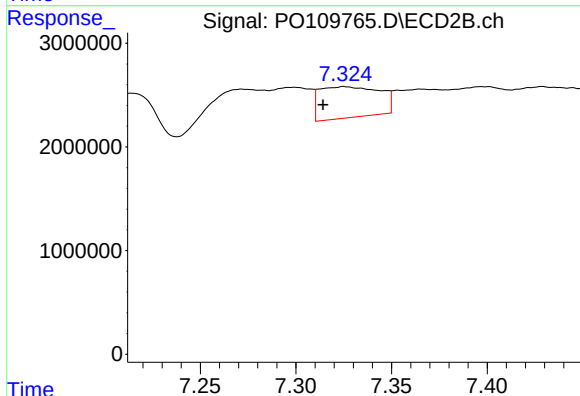
R.T.: 7.043 min
Delta R.T.: -0.031 min
Response: 4844313
Conc: 23.49 ng/ml



#35 AR-1260-5

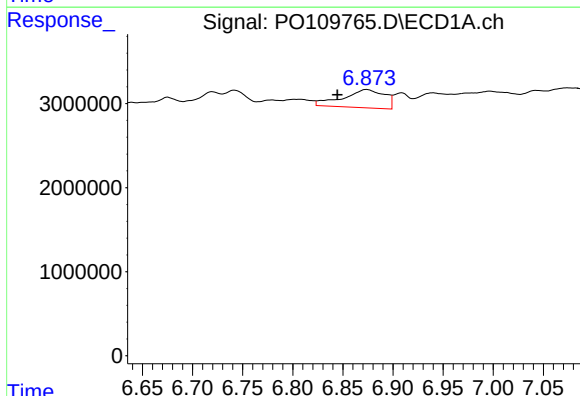
R.T.: 7.334 min
Delta R.T.: -0.013 min
Response: 18426906
Conc: 18.54 ng/ml

Instrument :
ECD_O
ClientSampleId :
FERNOT



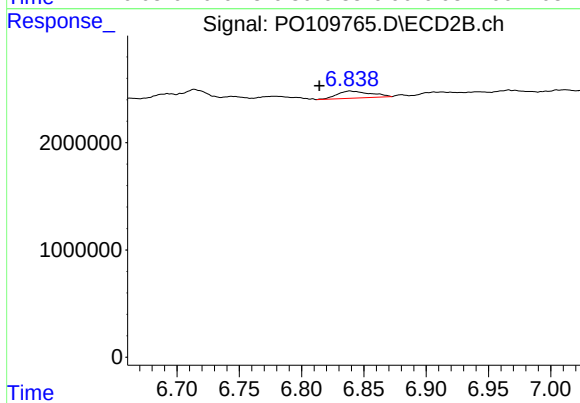
#35 AR-1260-5

R.T.: 7.325 min
Delta R.T.: 0.011 min
Response: 6528547
Conc: 14.58 ng/ml



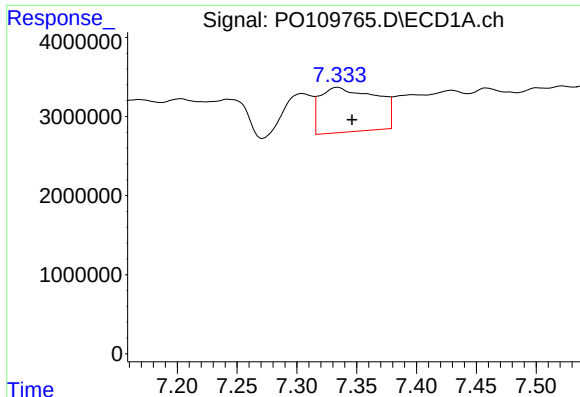
#36 AR-1262-1

R.T.: 6.874 min
Delta R.T.: 0.029 min
Response: 6272670
Conc: 9.42 ng/ml



#36 AR-1262-1

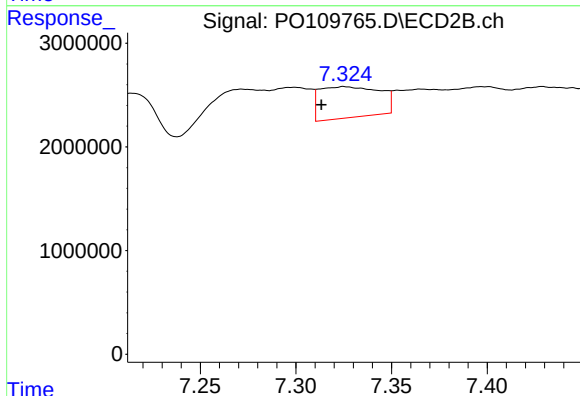
R.T.: 6.839 min
Delta R.T.: 0.025 min
Response: 1232167
Conc: 3.88 ng/ml



#37 AR-1262-2

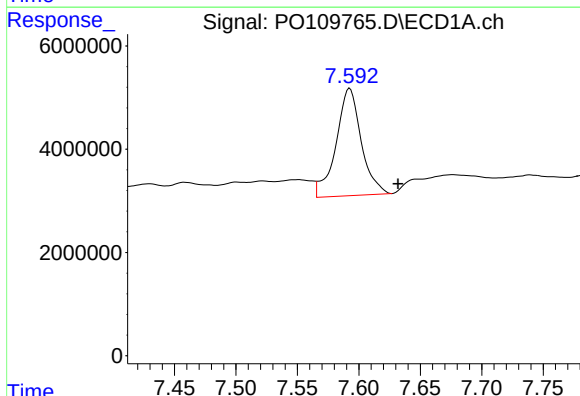
R.T.: 7.334 min
Delta R.T.: -0.012 min
Response: 18426906
Conc: 16.31 ng/ml

Instrument :
ECD_O
ClientSampleId :
FERNOT



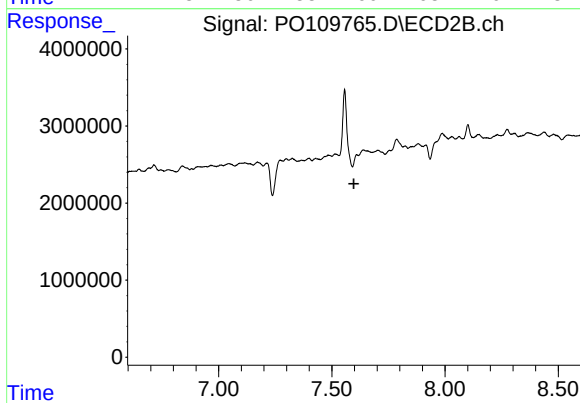
#37 AR-1262-2

R.T.: 7.325 min
Delta R.T.: 0.012 min
Response: 6528547
Conc: 13.09 ng/ml



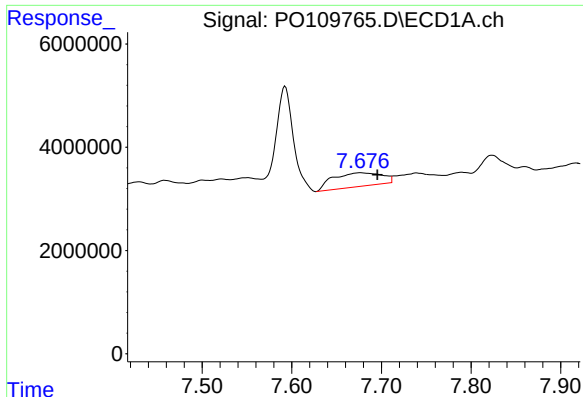
#38 AR-1262-3

R.T.: 7.593 min
Delta R.T.: -0.039 min
Response: 29687188
Conc: 66.23 ng/ml



#38 AR-1262-3

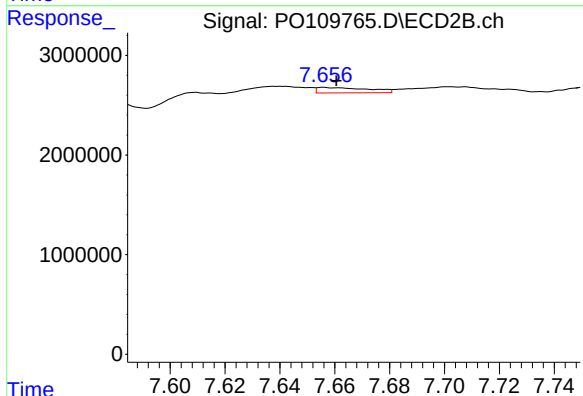
R.T.: 7.609 min
Delta R.T.: 0.012 min
Response: -1622493
Conc: N.D.



#39 AR-1262-4

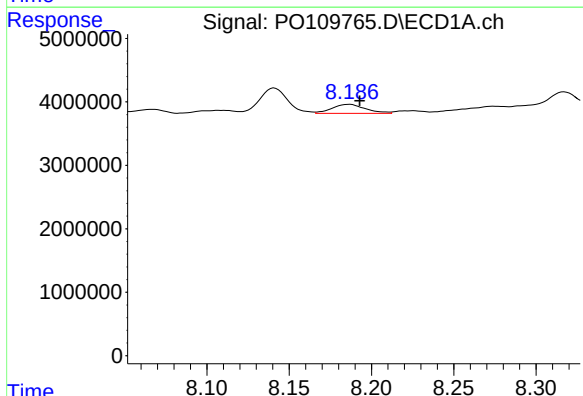
R.T.: 7.676 min
Delta R.T.: -0.019 min
Response: 10150208
Conc: 12.24 ng/ml

Instrument :
ECD_O
ClientSampleId :
FERNOT



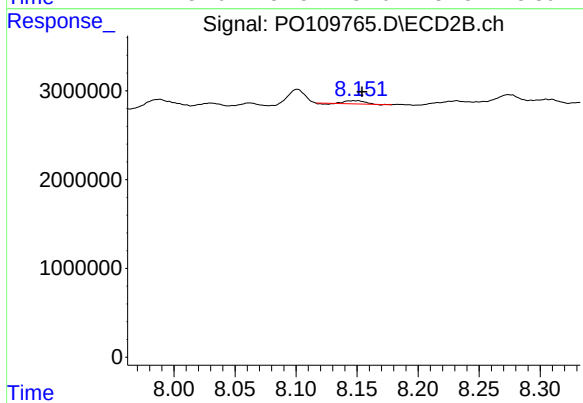
#39 AR-1262-4

R.T.: 7.656 min
Delta R.T.: -0.005 min
Response: 715955
Conc: 2.02 ng/ml



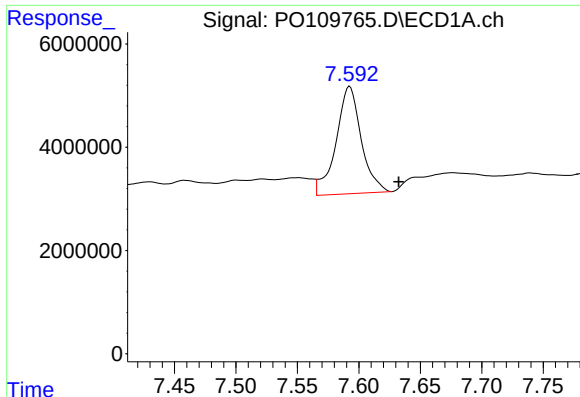
#40 AR-1262-5

R.T.: 8.186 min
Delta R.T.: -0.006 min
Response: 1998331
Conc: 5.35 ng/ml



#40 AR-1262-5

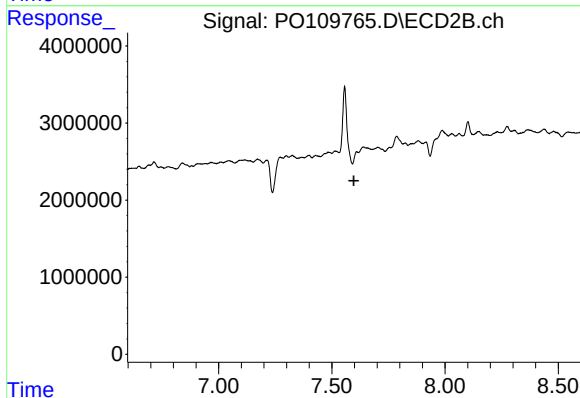
R.T.: 8.149 min
Delta R.T.: -0.005 min
Response: 371168
Conc: 2.59 ng/ml



#41 AR-1268-1

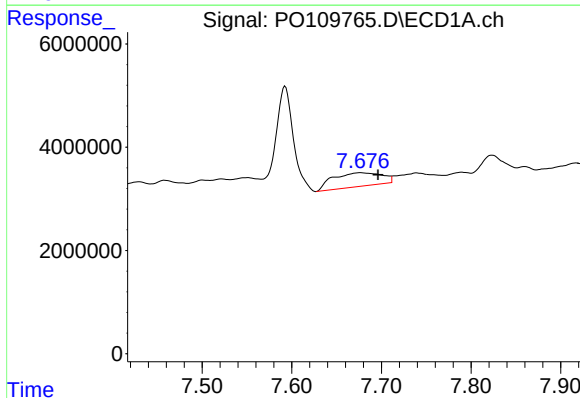
R.T.: 7.593 min
Delta R.T.: -0.040 min
Response: 29687188
Conc: 22.42 ng/ml

Instrument :
ECD_O
ClientSampleId :
FERNOT



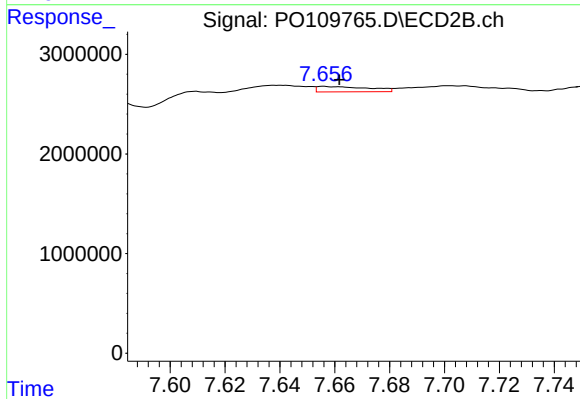
#41 AR-1268-1

R.T.: 7.609 min
Delta R.T.: 0.012 min
Response: -1622493
Conc: N.D.



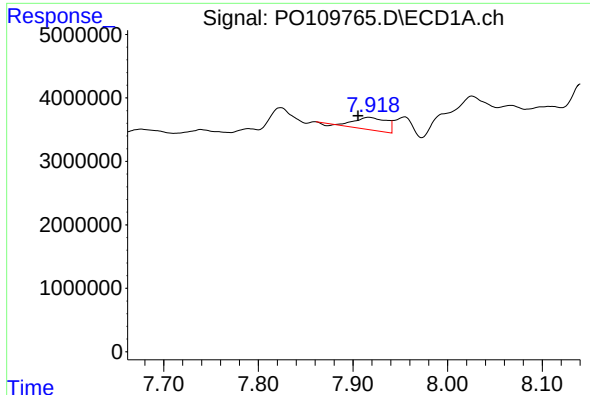
#42 AR-1268-2

R.T.: 7.676 min
Delta R.T.: -0.020 min
Response: 10150208
Conc: 8.39 ng/ml



#42 AR-1268-2

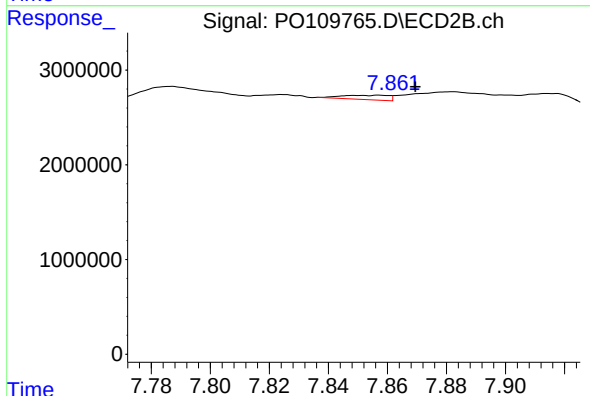
R.T.: 7.656 min
Delta R.T.: -0.006 min
Response: 715955
Conc: 1.36 ng/ml



#43 AR-1268-3

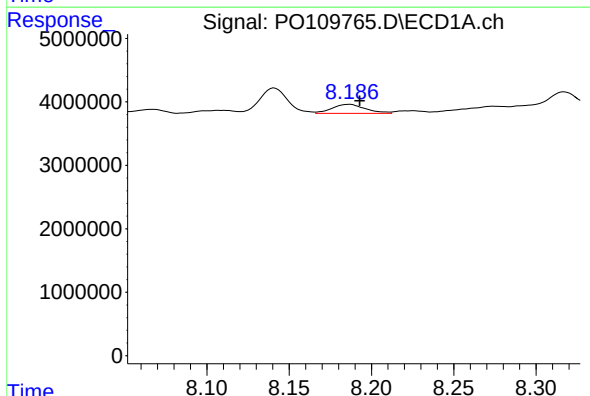
R.T.: 7.917 min
Delta R.T.: 0.012 min
Response: 4463508
Conc: 4.38 ng/ml

Instrument :
ECD_O
ClientSampleId :
FERNOT



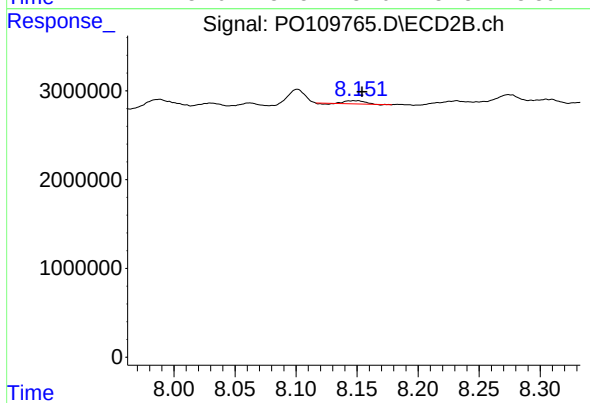
#43 AR-1268-3

R.T.: 7.857 min
Delta R.T.: -0.012 min
Response: 517124
Conc: 1.21 ng/ml



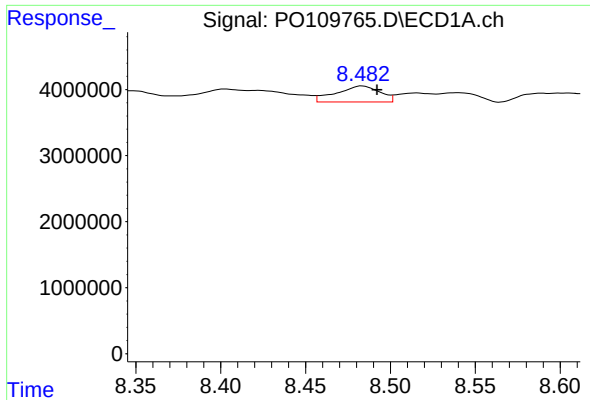
#44 AR-1268-4

R.T.: 8.186 min
Delta R.T.: -0.007 min
Response: 1998331
Conc: 4.70 ng/ml



#44 AR-1268-4

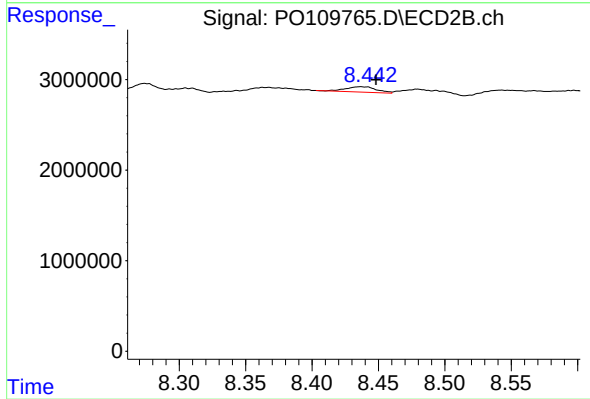
R.T.: 8.149 min
Delta R.T.: -0.005 min
Response: 371168
Conc: 2.30 ng/ml



#45 AR-1268-5

R.T.: 8.483 min
Delta R.T.: -0.009 min
Response: 4345864
Conc: 1.44 ng/ml

Instrument :
ECD_O
ClientSampleId :
FERNOT



#45 AR-1268-5

R.T.: 8.437 min
Delta R.T.: -0.012 min
Response: 966849
Conc: 0.88 ng/ml