

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_0\Data\P0091123\
 Data File : P0097936.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Sep 2023 08:13
 Operator : YP/AJ
 Sample : 04341-02
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 ECD_0
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 12 09:05:14 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_0\methods\P0090623.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Sep 07 02:56:18 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...	4.440	3.620	48210534	11972808	12.101	12.502
2)	SA Decachlor...	10.288	8.653	14085618	6323280	7.539	7.401
Target Compounds							
3)	L1 AR-1016-1	5.646	4.729	1409433	2581275	13.053	80.254 #
4)	L1 AR-1016-2	5.646	4.729	1409433	2581275	8.709	56.824 #
5)	L1 AR-1016-3	5.714	4.927	124.8E6	-228304	1253.397	N.D. #
6)	L1 AR-1016-4	5.835	4.952	1695294	95155	21.499	4.529 #
7)	L1 AR-1016-5	6.081	5.172	4903650	14986138	59.732	539.217 #
8)	L2 AR-1221-1	4.629	3.837	985.0E6	-81899	20673.439	N.D. #
9)	L2 AR-1221-2	4.721	3.933	11373273	1403708	320.088	164.559 #
10)	L2 AR-1221-3	4.804	3.999	3466538	602750	33.460	22.494 #
11)	L3 AR-1232-1	4.804	3.999	3466538	602750	40.371	27.326 #
12)	L3 AR-1232-2	5.351	4.729	394011	2581275	9.017	125.817 #
14)	L3 AR-1232-4	5.835	4.981	1695294	2337438	49.161	215.290 #
15)	L3 AR-1232-5	5.911	5.172	2539973	14986138	81.308	1236.129 #
16)	L4 AR-1242-1	5.646	4.729	1409433	2581275	15.132	91.981 #
17)	L4 AR-1242-2	5.646	4.729	1409433	2581275	10.046	65.038 #
18)	L4 AR-1242-3	5.714	4.927	124.8E6	-228304	1442.070	N.D. #
19)	L4 AR-1242-4	5.835	4.981	1695294	2337438	24.997	101.989 #
20)	L4 AR-1242-5	6.568	5.511	11717010	6760070	166.512	259.491 #
21)	L5 AR-1248-1	5.646	4.729	1409433	2581275	20.772	125.655 #
22)	L5 AR-1248-2	5.911	4.952	2539973	95155	23.487	3.123 #
23)	L5 AR-1248-3	6.081	4.981	4903650	2337438	43.690	73.396 #
24)	L5 AR-1248-4	6.522	5.172	115.8E6	14986138	1119.786	400.458 #
25)	L5 AR-1248-5	6.568	5.553	11717010	2658283	105.111	79.775
26)	L6 AR-1254-1	6.522f	5.511	115.8E6	6760070	944.246	124.351 #
27)	L6 AR-1254-2	6.698	5.659	2027282	2281108	11.301	47.371 #
28)	L6 AR-1254-3	7.073	6.098	1650143	1795170	9.318	24.298 #
29)	L6 AR-1254-4	7.361	6.317	731541	840136	6.796	21.198 #
30)	L6 AR-1254-5	7.787	6.739	392895	1978605	3.268	32.125 #
31)	L7 AR-1260-1	7.250	6.188	1127882	930432	7.981	17.488 #
32)	L7 AR-1260-2	7.455f	6.400	6564246	1152548	43.427	18.406 #
33)	L7 AR-1260-3	7.862	6.556	926909	1377805	8.183	23.893 #
34)	L7 AR-1260-4	8.097	7.040	904527	660466	7.609	14.079 #
35)	L7 AR-1260-5	8.407	7.265	613346	70973	2.996	0.716 #
36)	L8 AR-1262-1	7.862	6.839	926909	605678	6.097	22.353 #
37)	L8 AR-1262-2	8.407	7.040	613346	660466	2.810	11.333 #
38)	L8 AR-1262-3	8.737	7.542	152491	64613	0.986	1.481 #
39)	L8 AR-1262-4	8.829	7.610	214457	25736	2.553	0.338 #
40)	L8 AR-1262-5	9.516	8.121	64050	77943	0.889	2.484 #
41)	L9 AR-1268-1	8.737	7.542	152491	64613	0.537	0.491
42)	L9 AR-1268-2	8.840	7.610	251729	25736	0.986	0.223 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0091123\
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Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Sep 2023 08:13
Operator : YP/AJ
Sample : 04341-02
Misc :
ALS Vial : 52 Sample Multiplier: 1

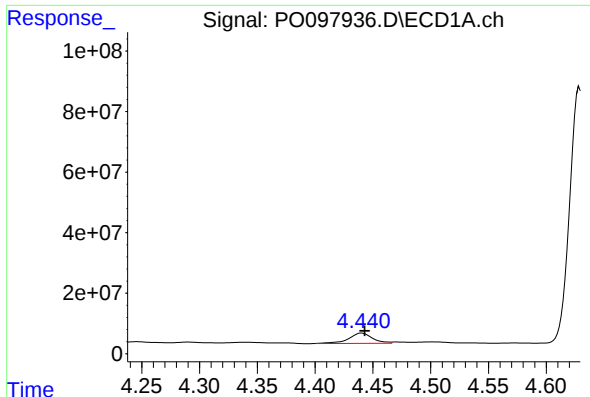
Instrument :
ECD_O
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 12 09:05:14 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0090623.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Sep 07 02:56:18 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
43)	L9 AR-1268-3	9.070	7.905	37548	212724	0.168	7.695 #
44)	L9 AR-1268-4	9.516	8.121	64050	77943	0.784	2.213 #
45)	L9 AR-1268-5	9.937	8.399	71600	102445	0.108	0.327 #

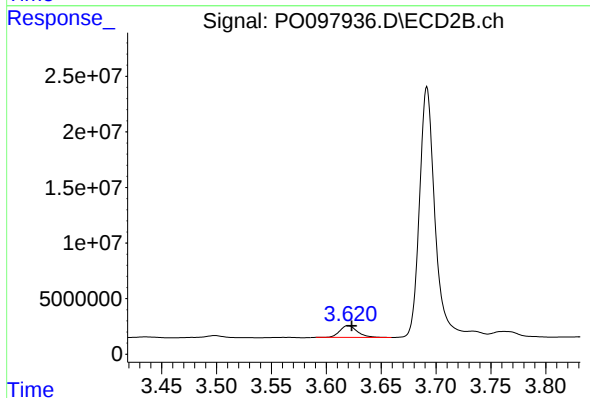
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

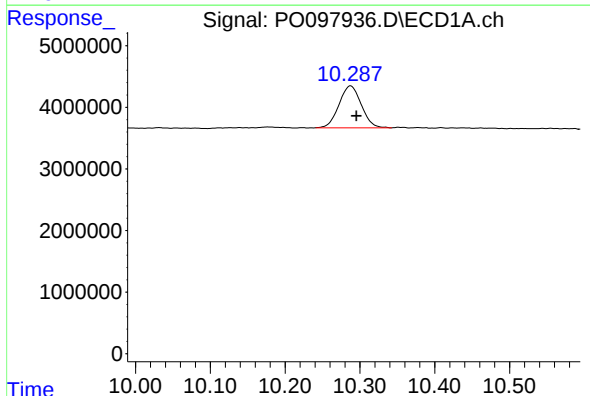
R.T.: 4.440 min
Delta R.T.: -0.003 min
Response: 48210534
Conc: 12.10 ng/ml

Instrument :
ECD_O
ClientSampleId :



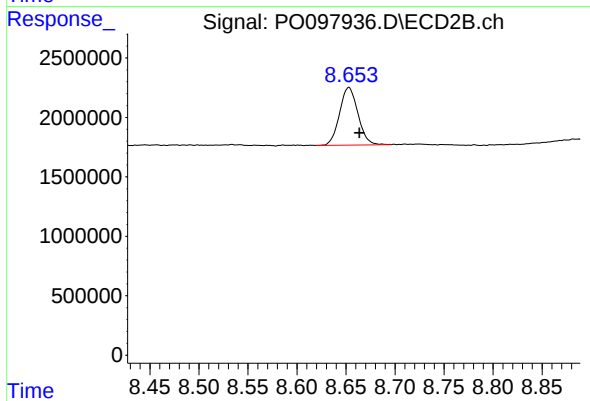
#1 Tetrachloro-m-xylene

R.T.: 3.620 min
Delta R.T.: -0.003 min
Response: 11972808
Conc: 12.50 ng/ml



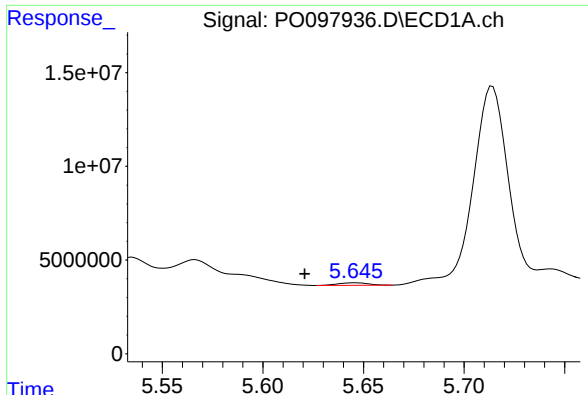
#2 Decachlorobiphenyl

R.T.: 10.288 min
Delta R.T.: -0.007 min
Response: 14085618
Conc: 7.54 ng/ml



#2 Decachlorobiphenyl

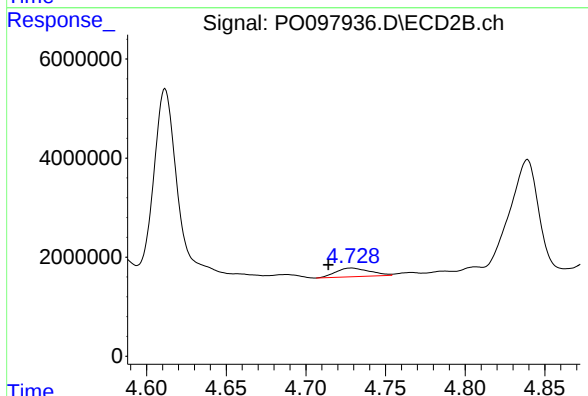
R.T.: 8.653 min
Delta R.T.: -0.011 min
Response: 6323280
Conc: 7.40 ng/ml



#3 AR-1016-1

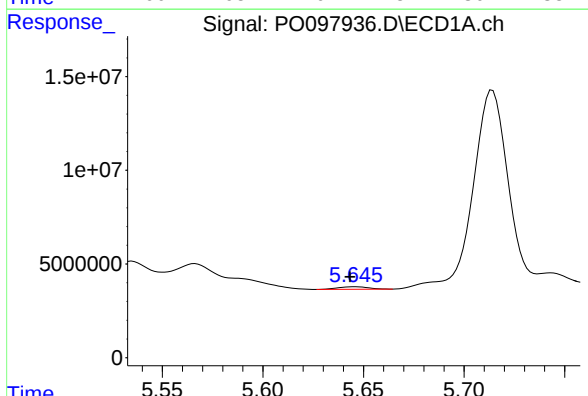
R.T.: 5.646 min
Delta R.T.: 0.025 min
Response: 1409433
Conc: 13.05 ng/ml

Instrument :
ECD_O
ClientSampleId :



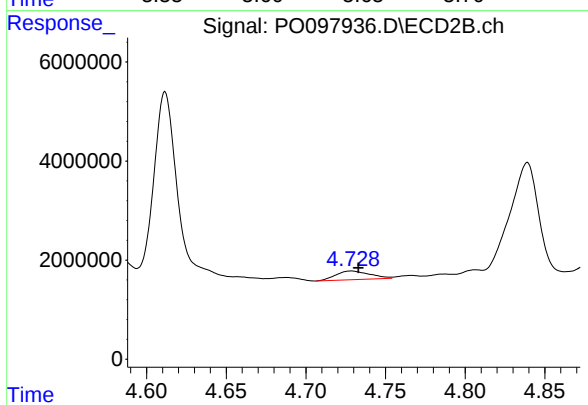
#3 AR-1016-1

R.T.: 4.729 min
Delta R.T.: 0.014 min
Response: 2581275
Conc: 80.25 ng/ml



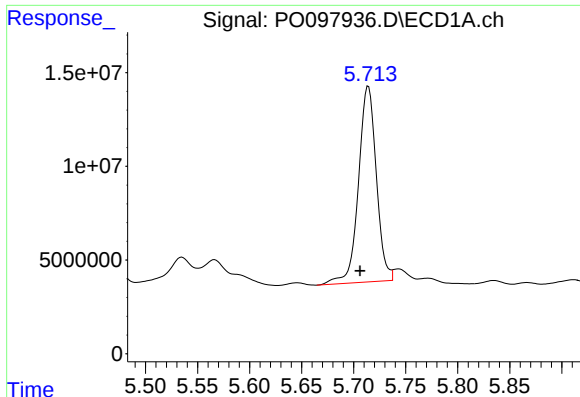
#4 AR-1016-2

R.T.: 5.646 min
Delta R.T.: 0.002 min
Response: 1409433
Conc: 8.71 ng/ml



#4 AR-1016-2

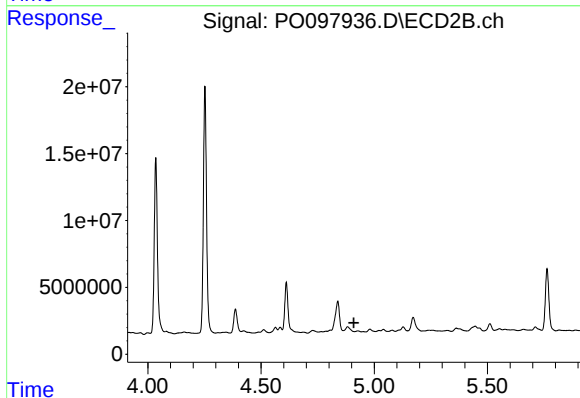
R.T.: 4.729 min
Delta R.T.: -0.004 min
Response: 2581275
Conc: 56.82 ng/ml



#5 AR-1016-3

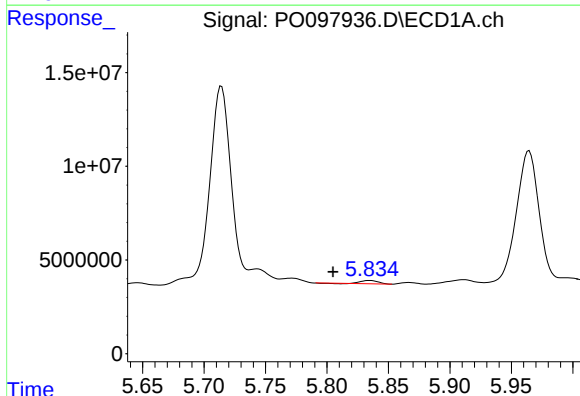
R.T.: 5.714 min
Delta R.T.: 0.008 min
Response: 124804966
Conc: 1253.40 ng/ml

Instrument :
ECD_O
ClientSampleId :



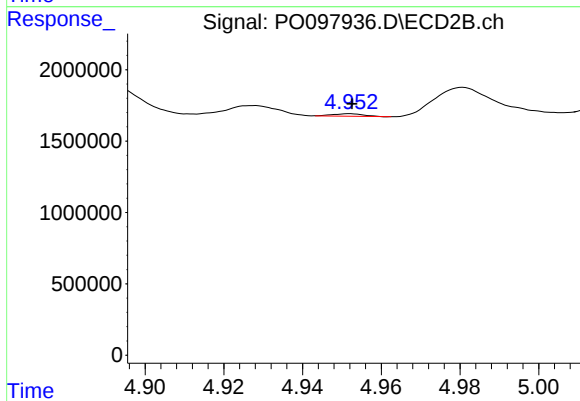
#5 AR-1016-3

R.T.: 4.927 min
Delta R.T.: 0.018 min
Response: -228304
Conc: N.D.



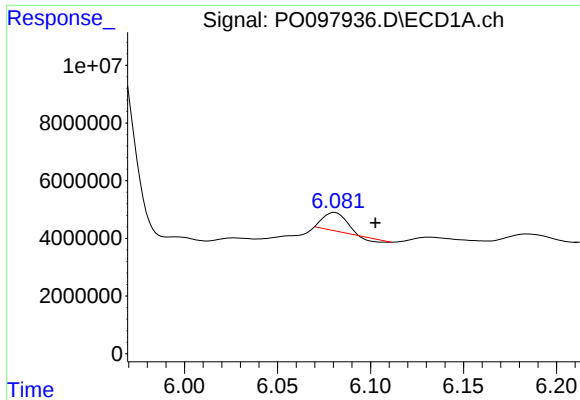
#6 AR-1016-4

R.T.: 5.835 min
Delta R.T.: 0.030 min
Response: 1695294
Conc: 21.50 ng/ml



#6 AR-1016-4

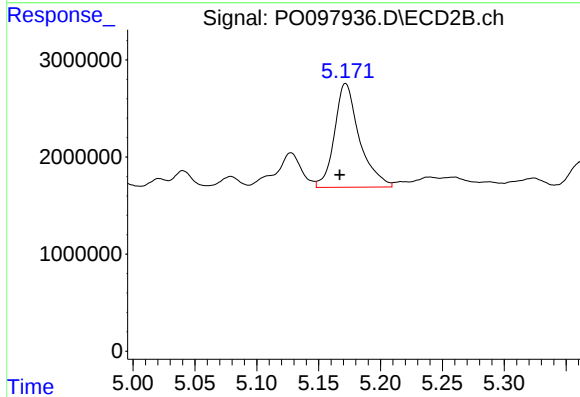
R.T.: 4.952 min
Delta R.T.: 0.000 min
Response: 95155
Conc: 4.53 ng/ml



#7 AR-1016-5

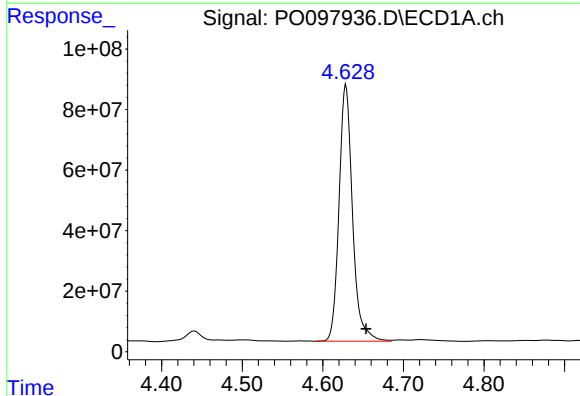
R.T.: 6.081 min
Delta R.T.: -0.022 min
Response: 4903650
Conc: 59.73 ng/ml

Instrument :
ECD_O
ClientSampleId :



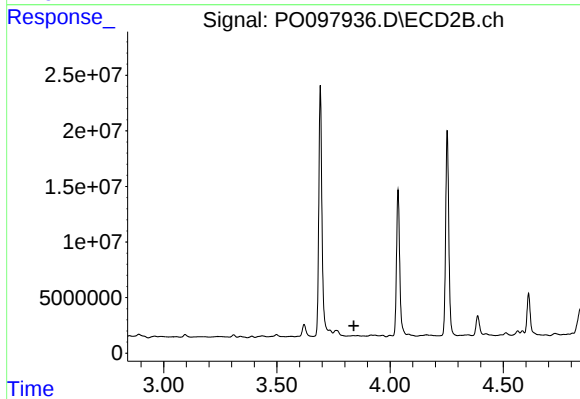
#7 AR-1016-5

R.T.: 5.172 min
Delta R.T.: 0.005 min
Response: 14986138
Conc: 539.22 ng/ml



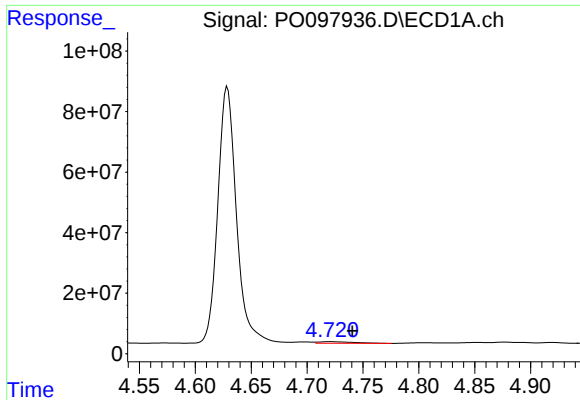
#8 AR-1221-1

R.T.: 4.629 min
Delta R.T.: -0.025 min
Response: 984954245
Conc: 20673.44 ng/ml



#8 AR-1221-1

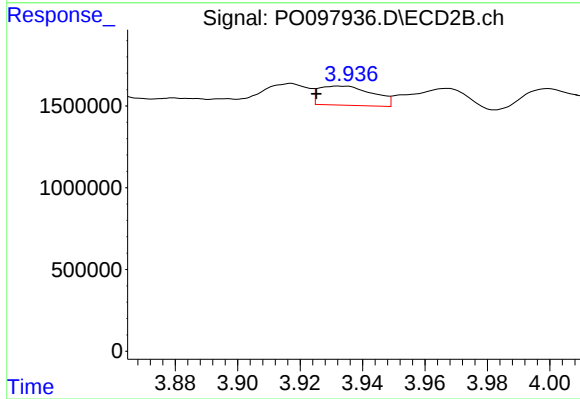
R.T.: 3.837 min
Delta R.T.: -0.003 min
Response: -81899
Conc: N.D.



#9 AR-1221-2

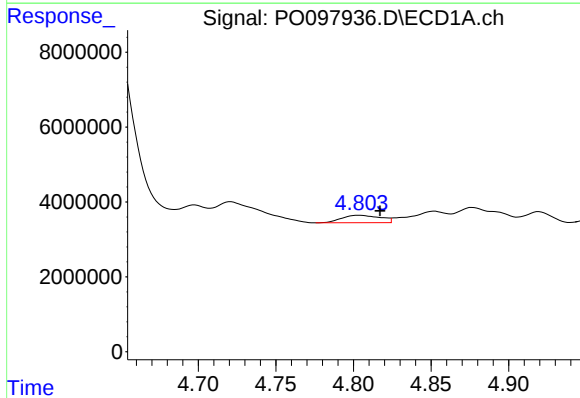
R.T.: 4.721 min
Delta R.T.: -0.020 min
Response: 11373273
Conc: 320.09 ng/ml

Instrument :
ECD_O
ClientSampleId :



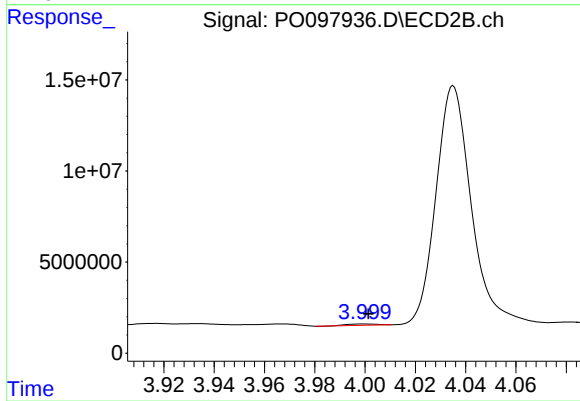
#9 AR-1221-2

R.T.: 3.933 min
Delta R.T.: 0.008 min
Response: 1403708
Conc: 164.56 ng/ml



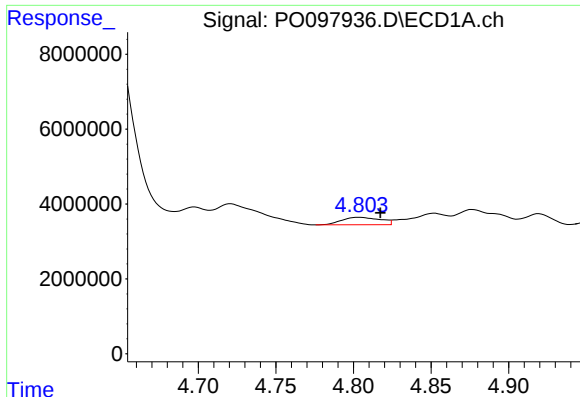
#10 AR-1221-3

R.T.: 4.804 min
Delta R.T.: -0.013 min
Response: 3466538
Conc: 33.46 ng/ml



#10 AR-1221-3

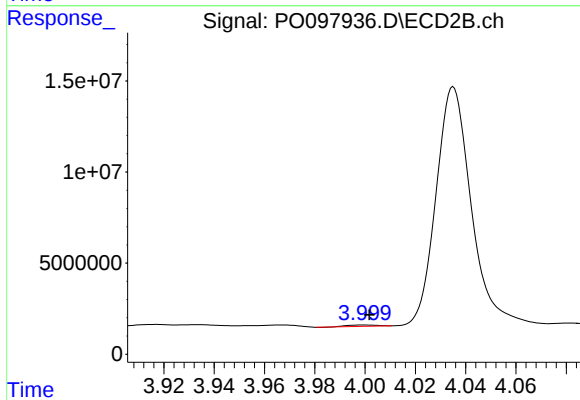
R.T.: 3.999 min
Delta R.T.: -0.002 min
Response: 602750
Conc: 22.49 ng/ml



#11 AR-1232-1

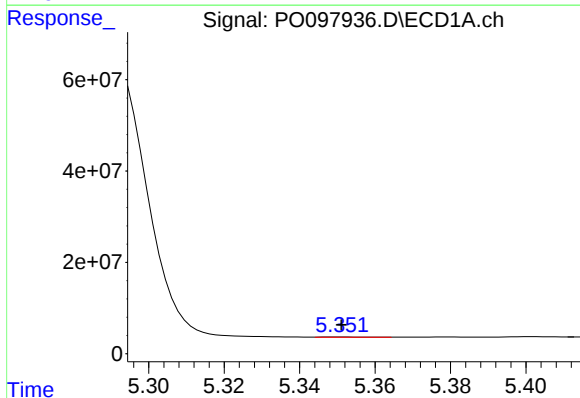
R.T.: 4.804 min
Delta R.T.: -0.013 min
Response: 3466538
Conc: 40.37 ng/ml

Instrument :
ECD_O
ClientSampleId :



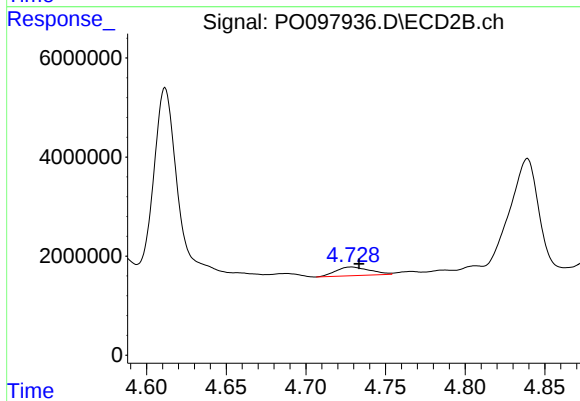
#11 AR-1232-1

R.T.: 3.999 min
Delta R.T.: -0.002 min
Response: 602750
Conc: 27.33 ng/ml



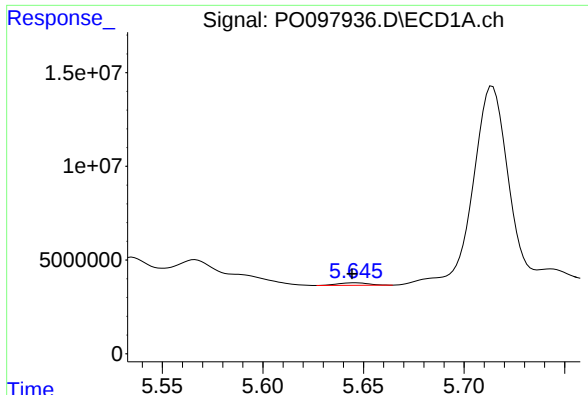
#12 AR-1232-2

R.T.: 5.351 min
Delta R.T.: 0.000 min
Response: 394011
Conc: 9.02 ng/ml



#12 AR-1232-2

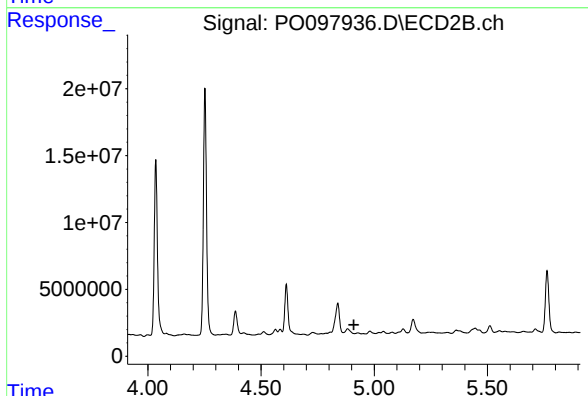
R.T.: 4.729 min
Delta R.T.: -0.005 min
Response: 2581275
Conc: 125.82 ng/ml



#13 AR-1232-3

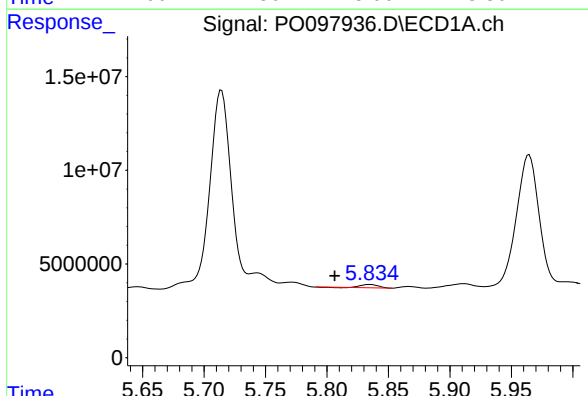
R.T.: 5.646 min
Delta R.T.: 0.001 min
Response: 1409433
Conc: 19.45 ng/ml

Instrument :
ECD_O
ClientSampleId :



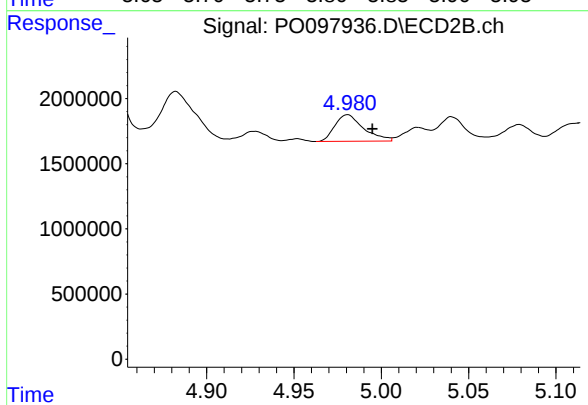
#13 AR-1232-3

R.T.: 4.927 min
Delta R.T.: 0.017 min
Response: -228304
Conc: N.D.



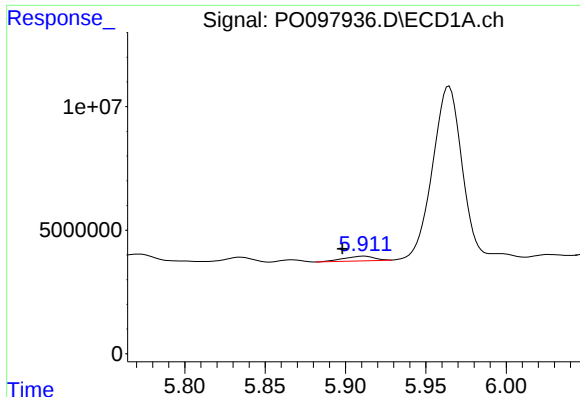
#14 AR-1232-4

R.T.: 5.835 min
Delta R.T.: 0.029 min
Response: 1695294
Conc: 49.16 ng/ml



#14 AR-1232-4

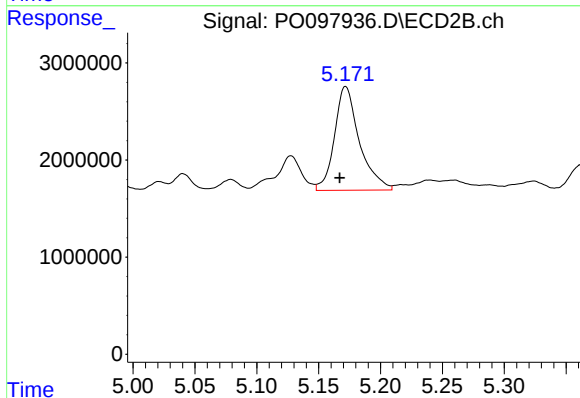
R.T.: 4.981 min
Delta R.T.: -0.014 min
Response: 2337438
Conc: 215.29 ng/ml



#15 AR-1232-5

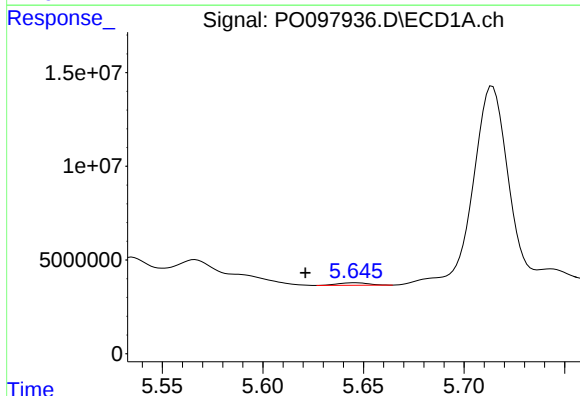
R.T.: 5.911 min
Delta R.T.: 0.013 min
Response: 2539973
Conc: 81.31 ng/ml

Instrument :
ECD_O
ClientSampleId :



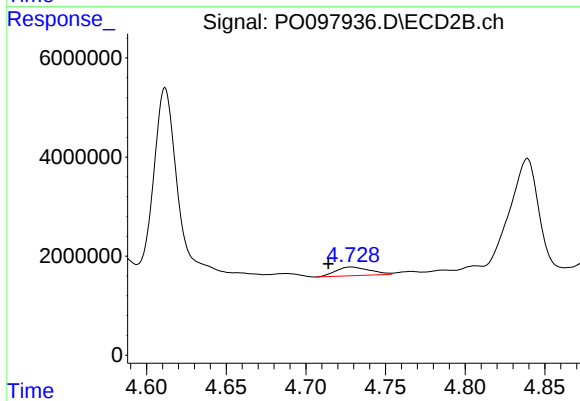
#15 AR-1232-5

R.T.: 5.172 min
Delta R.T.: 0.005 min
Response: 14986138
Conc: 1236.13 ng/ml



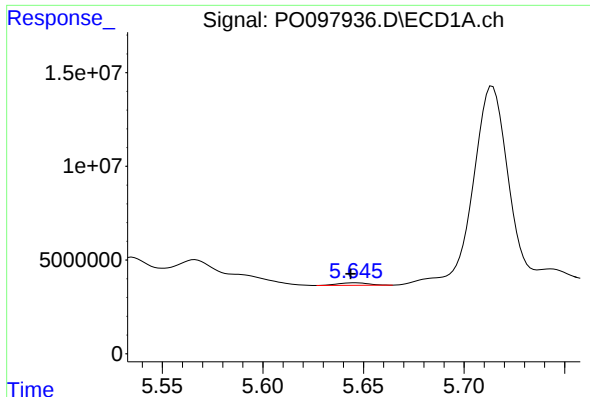
#16 AR-1242-1

R.T.: 5.646 min
Delta R.T.: 0.025 min
Response: 1409433
Conc: 15.13 ng/ml



#16 AR-1242-1

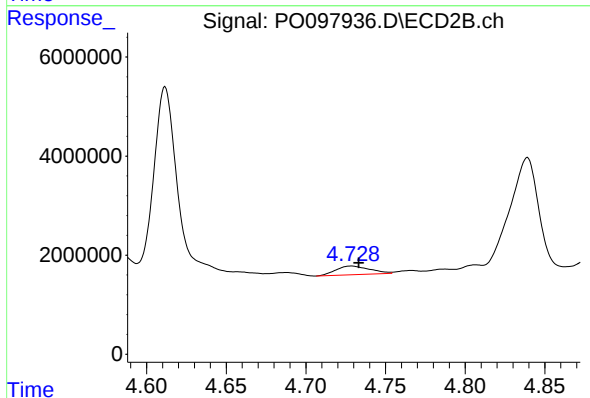
R.T.: 4.729 min
Delta R.T.: 0.014 min
Response: 2581275
Conc: 91.98 ng/ml



#17 AR-1242-2

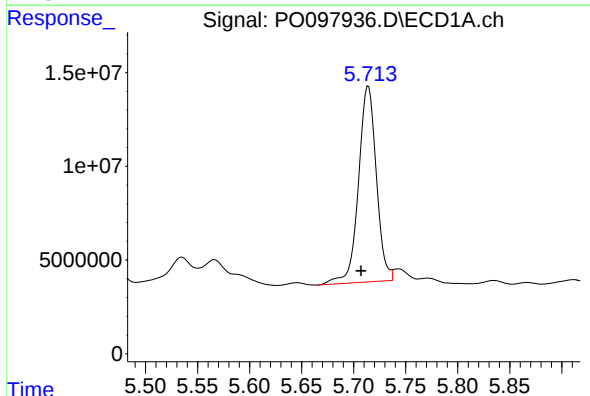
R.T.: 5.646 min
Delta R.T.: 0.002 min
Response: 1409433
Conc: 10.05 ng/ml

Instrument :
ECD_O
ClientSampleId :



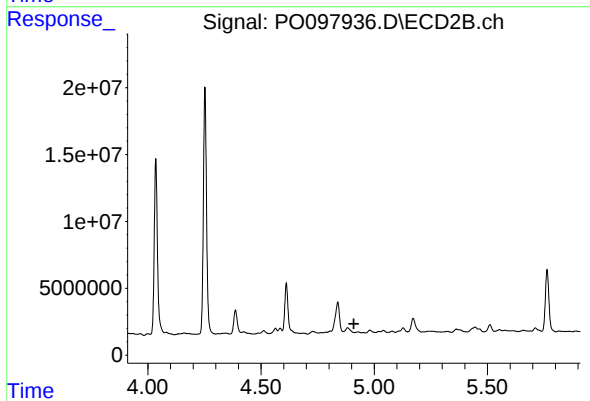
#17 AR-1242-2

R.T.: 4.729 min
Delta R.T.: -0.005 min
Response: 2581275
Conc: 65.04 ng/ml



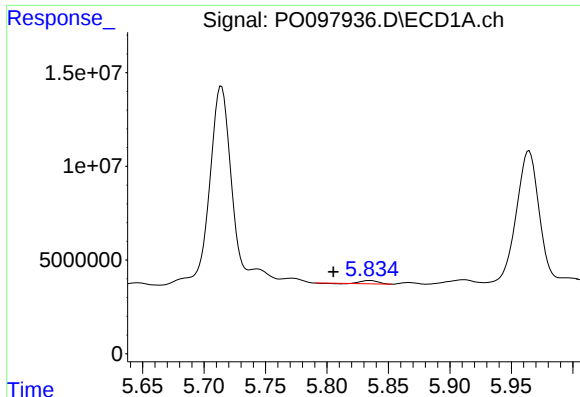
#18 AR-1242-3

R.T.: 5.714 min
Delta R.T.: 0.007 min
Response: 124804966
Conc: 1442.07 ng/ml



#18 AR-1242-3

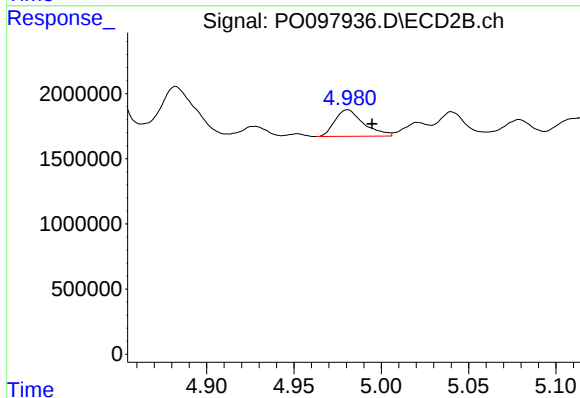
R.T.: 4.927 min
Delta R.T.: 0.017 min
Response: -228304
Conc: N.D.



#19 AR-1242-4

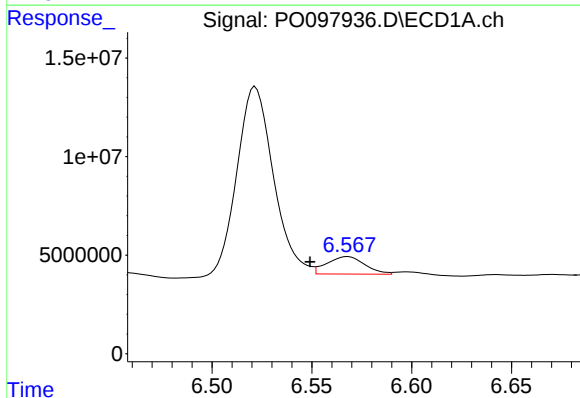
R.T.: 5.835 min
Delta R.T.: 0.030 min
Response: 1695294
Conc: 25.00 ng/ml

Instrument :
ECD_O
ClientSampleId :



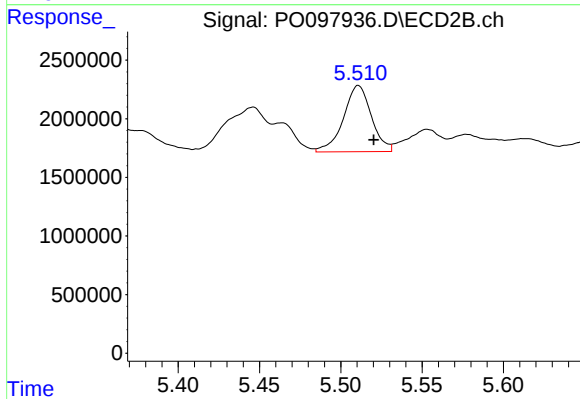
#19 AR-1242-4

R.T.: 4.981 min
Delta R.T.: -0.014 min
Response: 2337438
Conc: 101.99 ng/ml



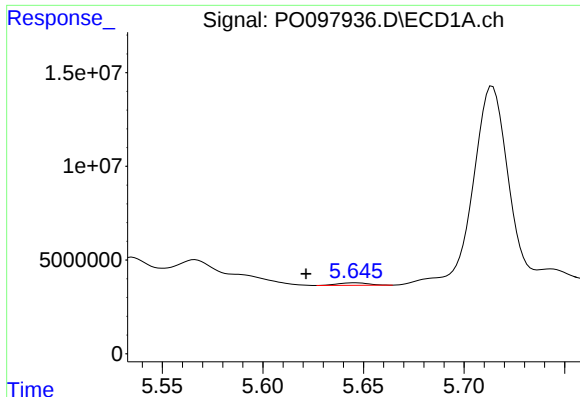
#20 AR-1242-5

R.T.: 6.568 min
Delta R.T.: 0.019 min
Response: 11717010
Conc: 166.51 ng/ml



#20 AR-1242-5

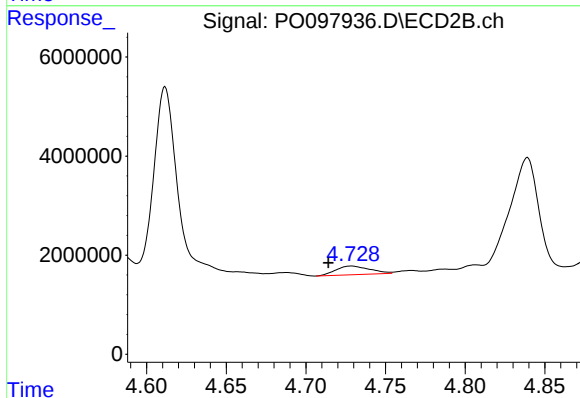
R.T.: 5.511 min
Delta R.T.: -0.009 min
Response: 6760070
Conc: 259.49 ng/ml



#21 AR-1248-1

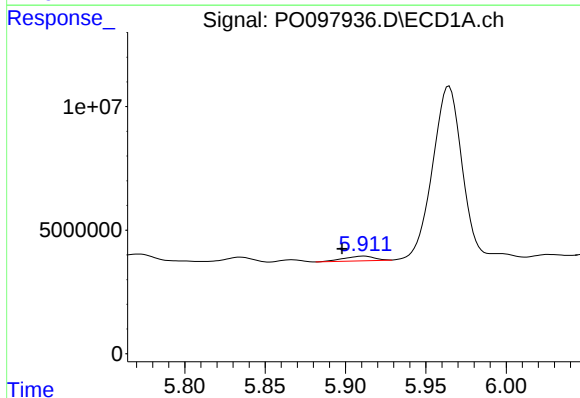
R.T.: 5.646 min
Delta R.T.: 0.024 min
Response: 1409433
Conc: 20.77 ng/ml

Instrument :
ECD_O
ClientSampleId :



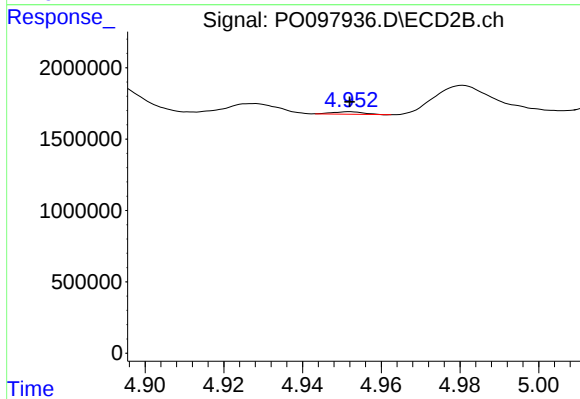
#21 AR-1248-1

R.T.: 4.729 min
Delta R.T.: 0.014 min
Response: 2581275
Conc: 125.66 ng/ml



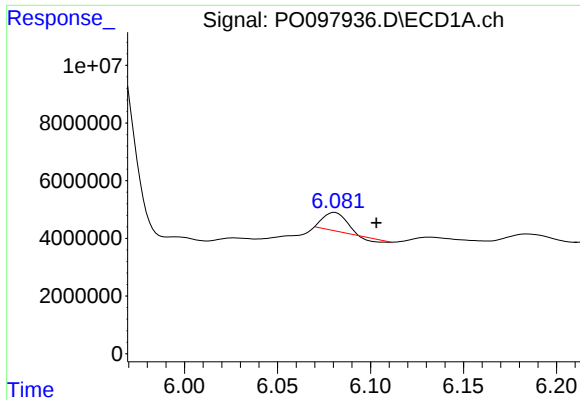
#22 AR-1248-2

R.T.: 5.911 min
Delta R.T.: 0.013 min
Response: 2539973
Conc: 23.49 ng/ml



#22 AR-1248-2

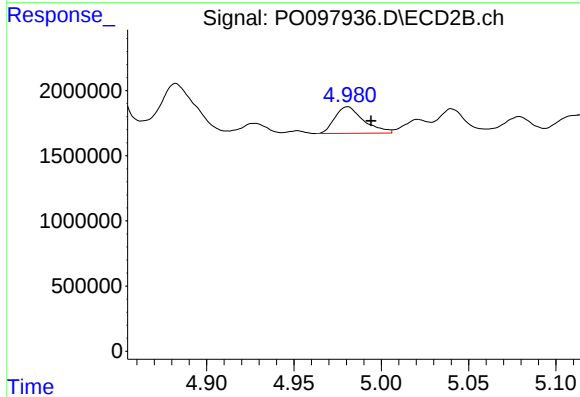
R.T.: 4.952 min
Delta R.T.: 0.000 min
Response: 95155
Conc: 3.12 ng/ml



#23 AR-1248-3

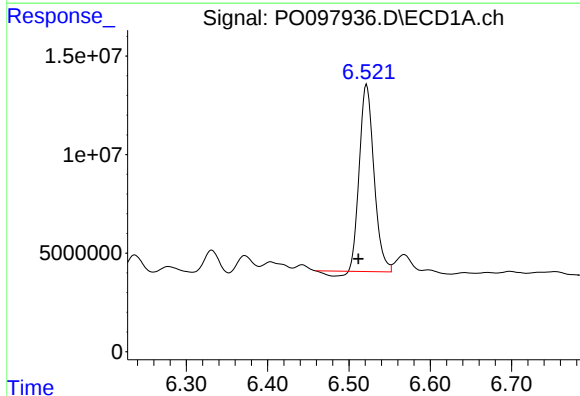
R.T.: 6.081 min
Delta R.T.: -0.022 min
Response: 4903650
Conc: 43.69 ng/ml

Instrument :
ECD_O
ClientSampleId :



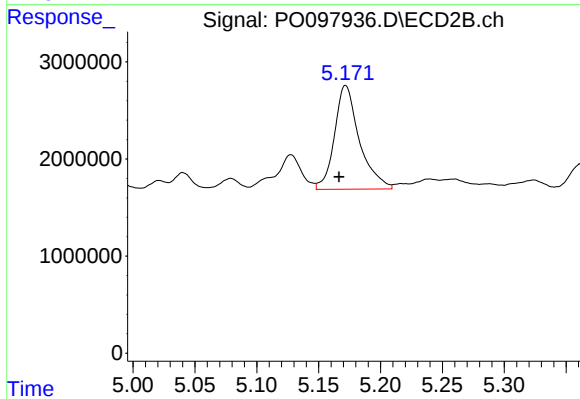
#23 AR-1248-3

R.T.: 4.981 min
Delta R.T.: -0.013 min
Response: 2337438
Conc: 73.40 ng/ml



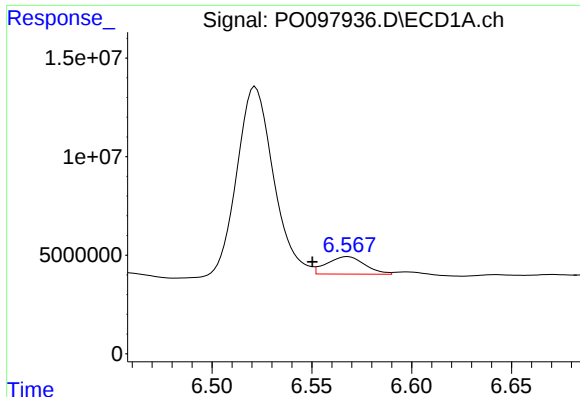
#24 AR-1248-4

R.T.: 6.522 min
Delta R.T.: 0.010 min
Response: 115762434
Conc: 1119.79 ng/ml



#24 AR-1248-4

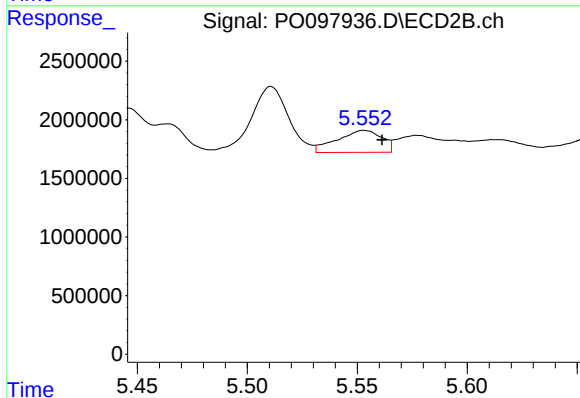
R.T.: 5.172 min
Delta R.T.: 0.005 min
Response: 14986138
Conc: 400.46 ng/ml



#25 AR-1248-5

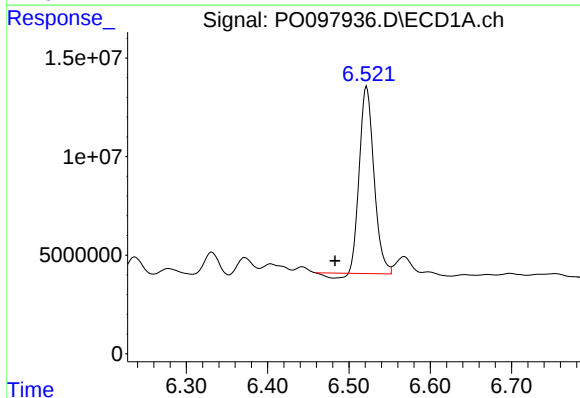
R.T.: 6.568 min
Delta R.T.: 0.018 min
Response: 11717010
Conc: 105.11 ng/ml

Instrument :
ECD_O
ClientSampleId :



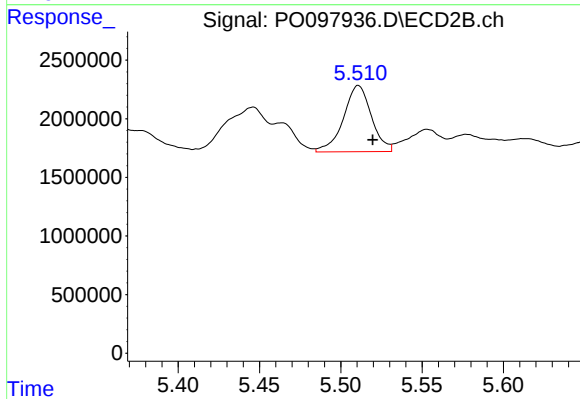
#25 AR-1248-5

R.T.: 5.553 min
Delta R.T.: -0.008 min
Response: 2658283
Conc: 79.77 ng/ml



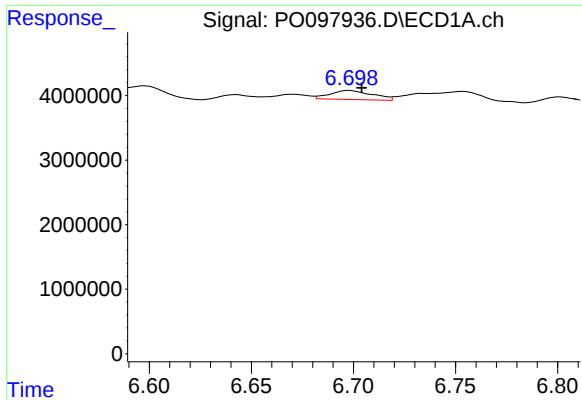
#26 AR-1254-1

R.T.: 6.522 min
Delta R.T.: 0.039 min
Response: 115762434
Conc: 944.25 ng/ml



#26 AR-1254-1

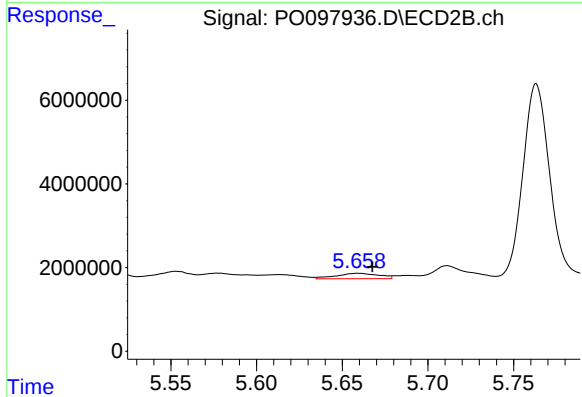
R.T.: 5.511 min
Delta R.T.: -0.009 min
Response: 6760070
Conc: 124.35 ng/ml



#27 AR-1254-2

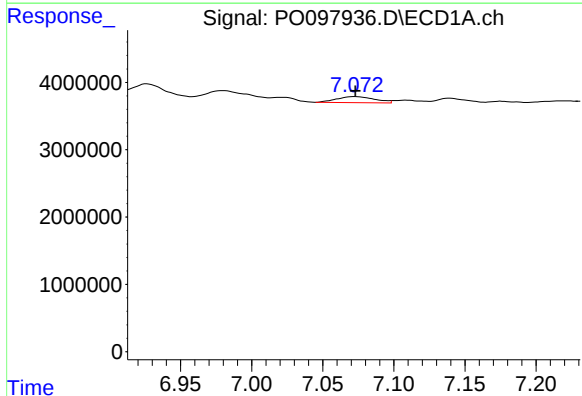
R.T.: 6.698 min
Delta R.T.: -0.006 min
Response: 2027282
Conc: 11.30 ng/ml

Instrument :
ECD_O
ClientSampleId :



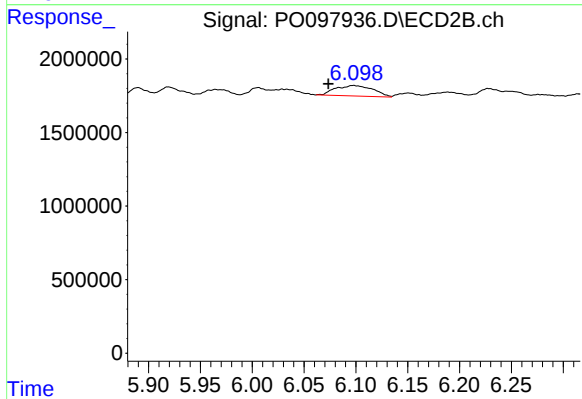
#27 AR-1254-2

R.T.: 5.659 min
Delta R.T.: -0.008 min
Response: 2281108
Conc: 47.37 ng/ml



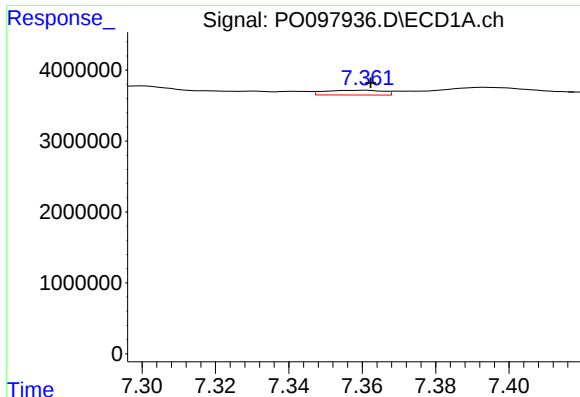
#28 AR-1254-3

R.T.: 7.073 min
Delta R.T.: 0.000 min
Response: 1650143
Conc: 9.32 ng/ml



#28 AR-1254-3

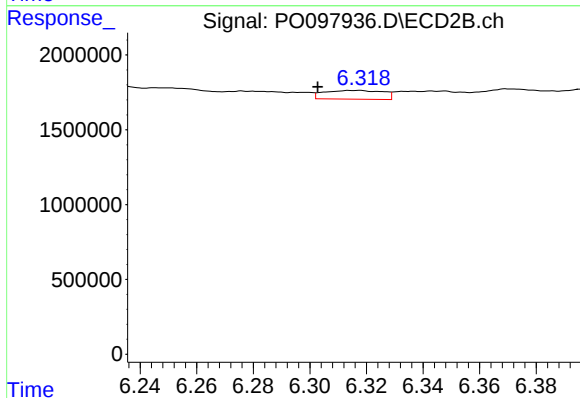
R.T.: 6.098 min
Delta R.T.: 0.024 min
Response: 1795170
Conc: 24.30 ng/ml



#29 AR-1254-4

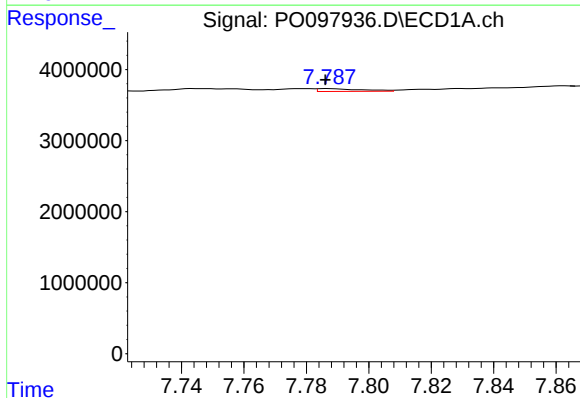
R.T.: 7.361 min
Delta R.T.: -0.002 min
Response: 731541
Conc: 6.80 ng/ml

Instrument :
ECD_O
ClientSampleId :



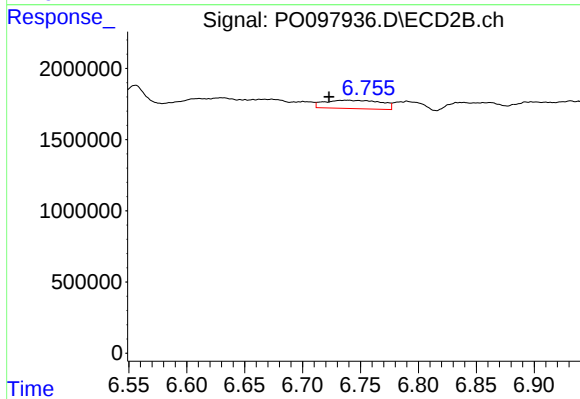
#29 AR-1254-4

R.T.: 6.317 min
Delta R.T.: 0.014 min
Response: 840136
Conc: 21.20 ng/ml



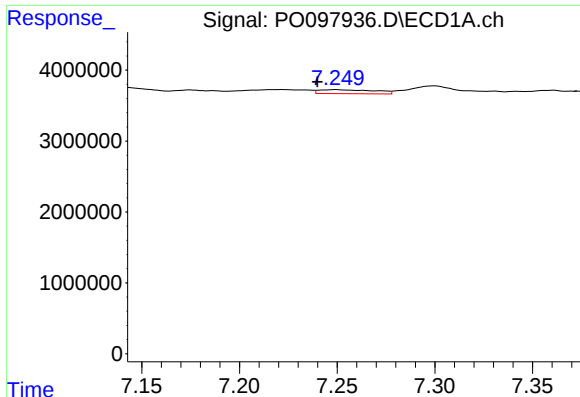
#30 AR-1254-5

R.T.: 7.787 min
Delta R.T.: 0.001 min
Response: 392895
Conc: 3.27 ng/ml



#30 AR-1254-5

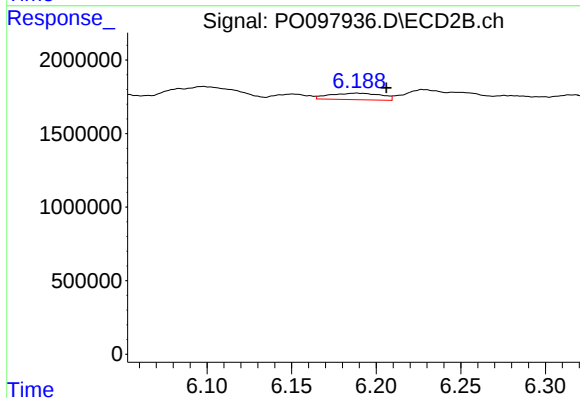
R.T.: 6.739 min
Delta R.T.: 0.016 min
Response: 1978605
Conc: 32.13 ng/ml



#31 AR-1260-1

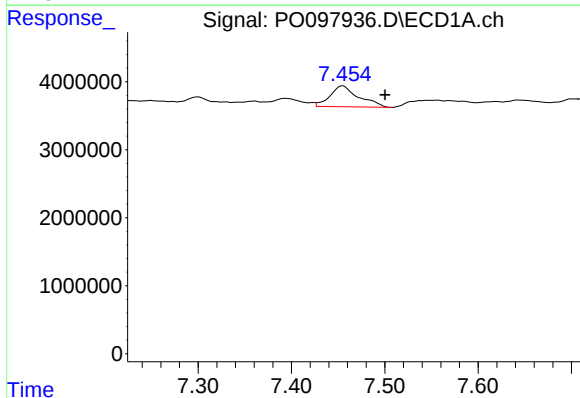
R.T.: 7.250 min
Delta R.T.: 0.010 min
Response: 1127882
Conc: 7.98 ng/ml

Instrument :
ECD_O
ClientSampleId :



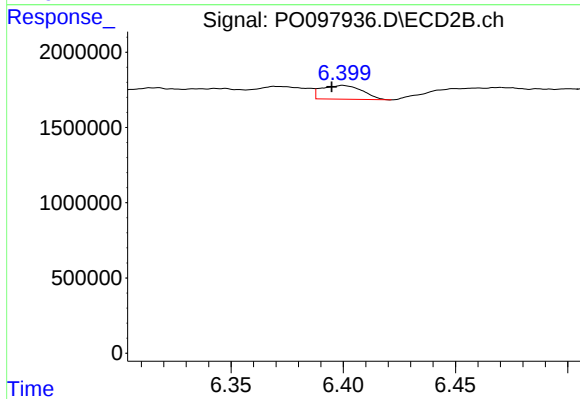
#31 AR-1260-1

R.T.: 6.188 min
Delta R.T.: -0.018 min
Response: 930432
Conc: 17.49 ng/ml



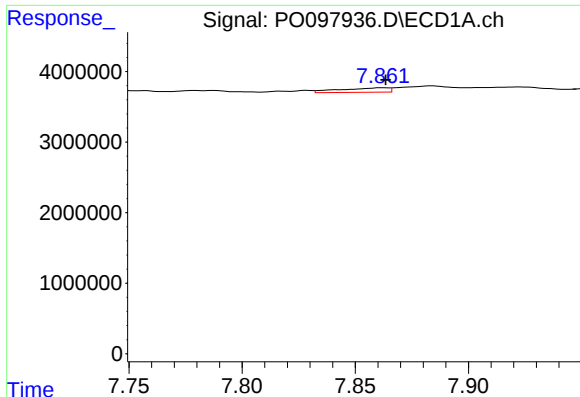
#32 AR-1260-2

R.T.: 7.455 min
Delta R.T.: -0.046 min
Response: 6564246
Conc: 43.43 ng/ml



#32 AR-1260-2

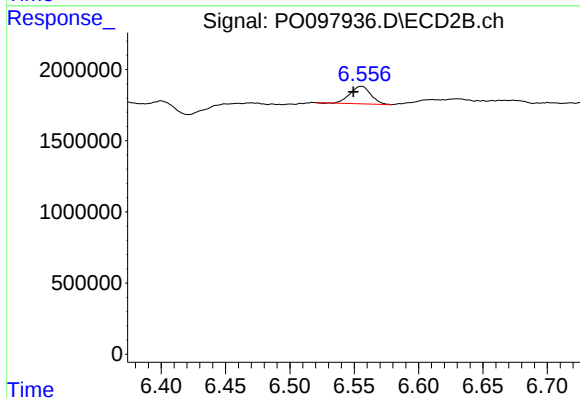
R.T.: 6.400 min
Delta R.T.: 0.005 min
Response: 1152548
Conc: 18.41 ng/ml



#33 AR-1260-3

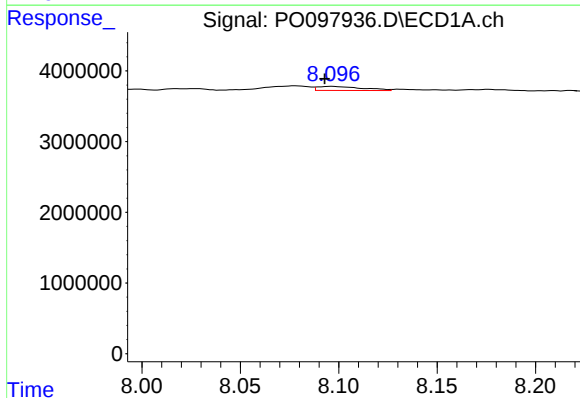
R.T.: 7.862 min
Delta R.T.: -0.001 min
Response: 926909
Conc: 8.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



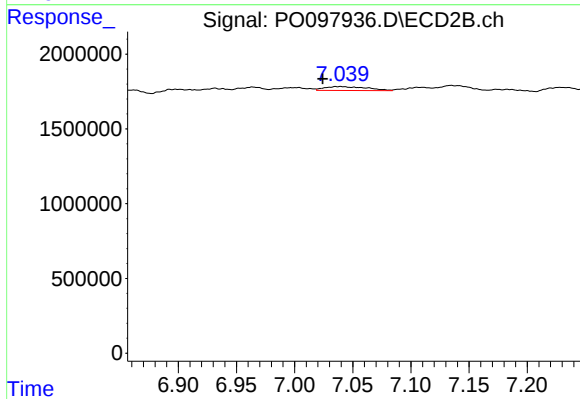
#33 AR-1260-3

R.T.: 6.556 min
Delta R.T.: 0.006 min
Response: 1377805
Conc: 23.89 ng/ml



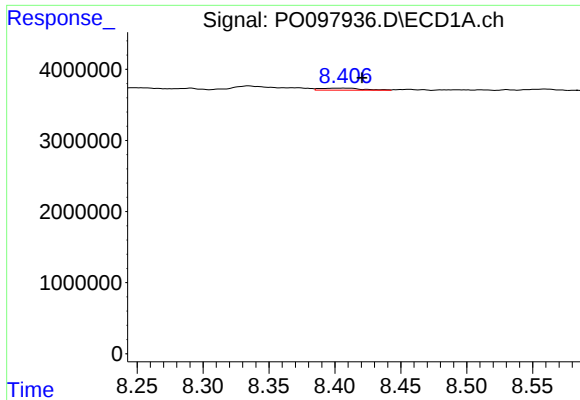
#34 AR-1260-4

R.T.: 8.097 min
Delta R.T.: 0.004 min
Response: 904527
Conc: 7.61 ng/ml



#34 AR-1260-4

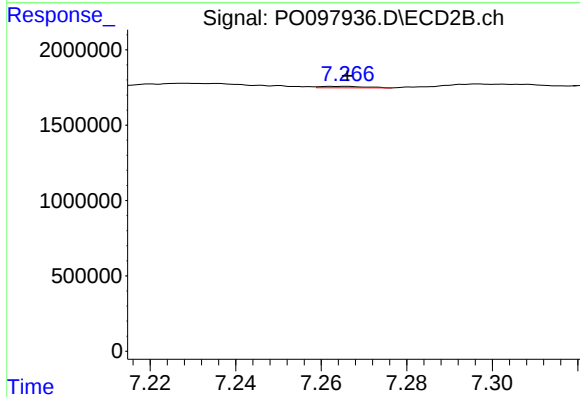
R.T.: 7.040 min
Delta R.T.: 0.015 min
Response: 660466
Conc: 14.08 ng/ml



#35 AR-1260-5

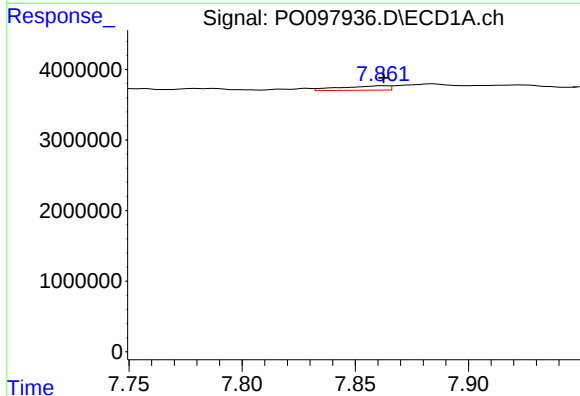
R.T.: 8.407 min
Delta R.T.: -0.014 min
Response: 613346
Conc: 3.00 ng/ml

Instrument :
ECD_O
ClientSampleId :



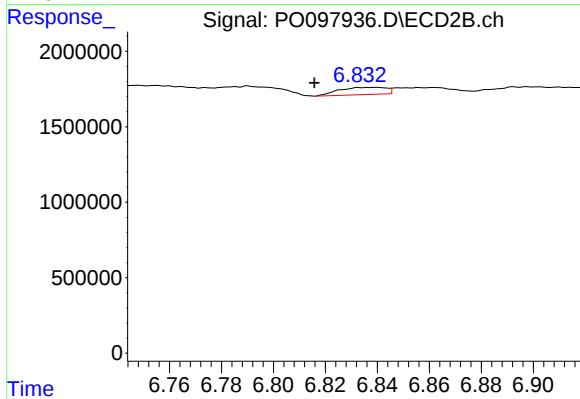
#35 AR-1260-5

R.T.: 7.265 min
Delta R.T.: -0.001 min
Response: 70973
Conc: 0.72 ng/ml



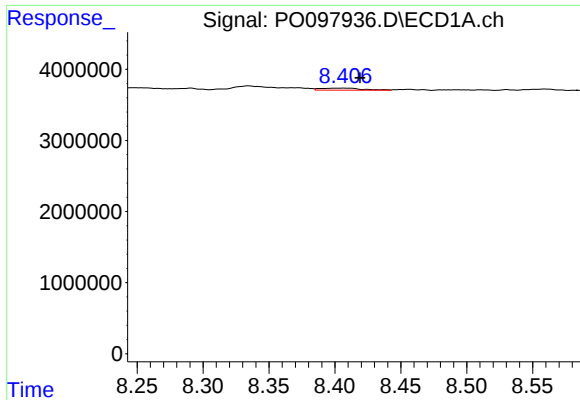
#36 AR-1262-1

R.T.: 7.862 min
Delta R.T.: 0.000 min
Response: 926909
Conc: 6.10 ng/ml



#36 AR-1262-1

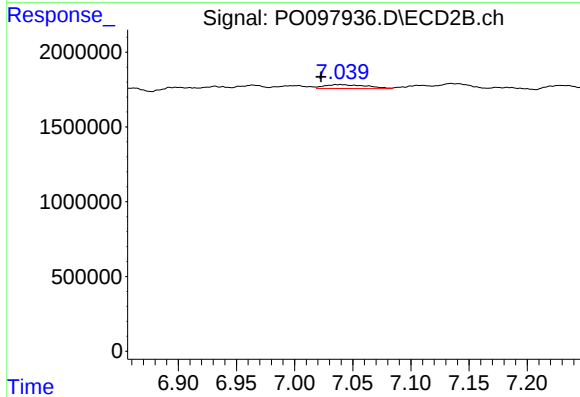
R.T.: 6.839 min
Delta R.T.: 0.023 min
Response: 605678
Conc: 22.35 ng/ml



#37 AR-1262-2

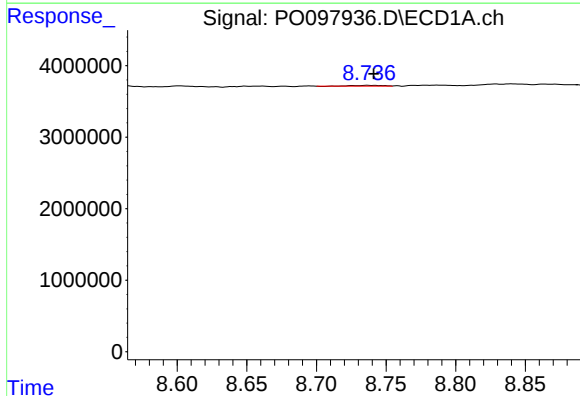
R.T.: 8.407 min
Delta R.T.: -0.012 min
Response: 613346
Conc: 2.81 ng/ml

Instrument :
ECD_O
ClientSampleId :



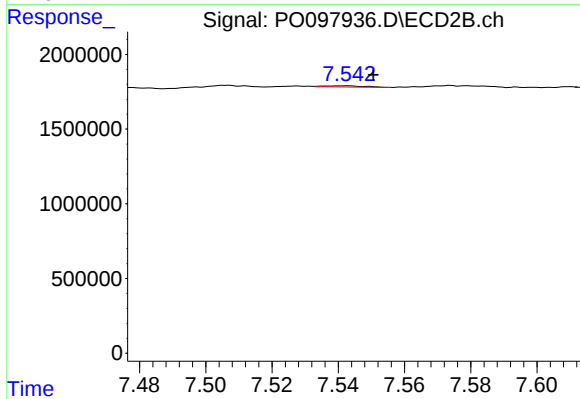
#37 AR-1262-2

R.T.: 7.040 min
Delta R.T.: 0.017 min
Response: 660466
Conc: 11.33 ng/ml



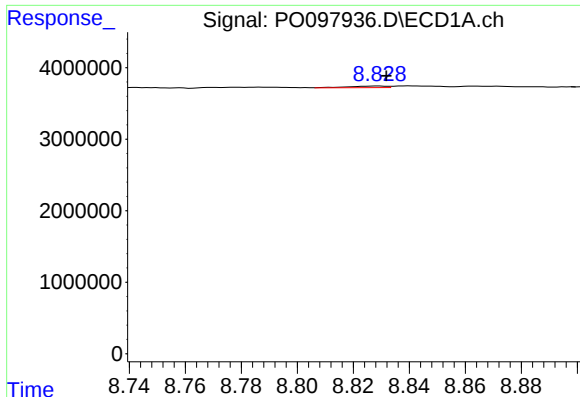
#38 AR-1262-3

R.T.: 8.737 min
Delta R.T.: -0.005 min
Response: 152491
Conc: 0.99 ng/ml



#38 AR-1262-3

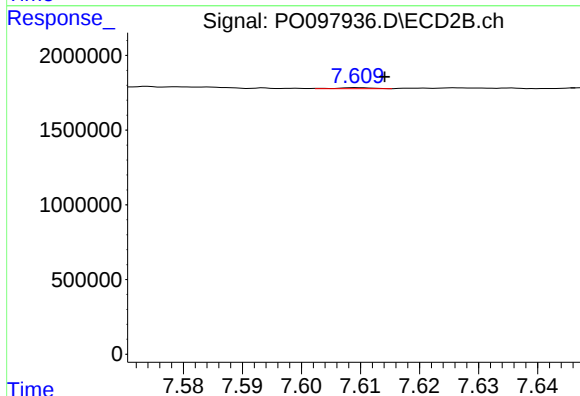
R.T.: 7.542 min
Delta R.T.: -0.008 min
Response: 64613
Conc: 1.48 ng/ml



#39 AR-1262-4

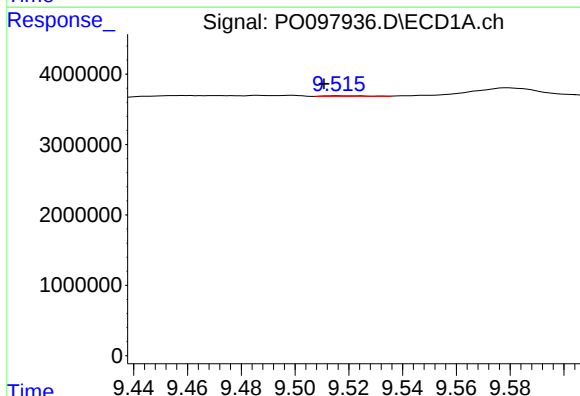
R.T.: 8.829 min
Delta R.T.: -0.003 min
Response: 214457
Conc: 2.55 ng/ml

Instrument :
ECD_O
ClientSampleId :



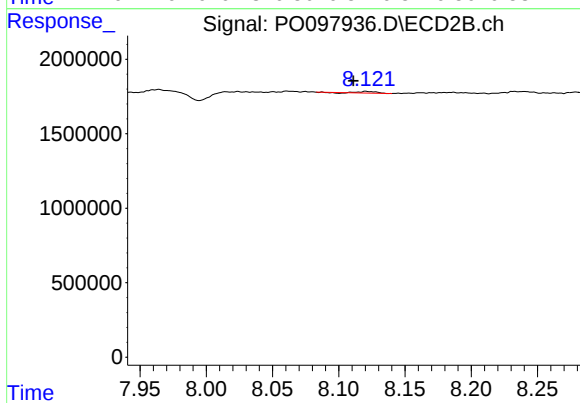
#39 AR-1262-4

R.T.: 7.610 min
Delta R.T.: -0.004 min
Response: 25736
Conc: 0.34 ng/ml



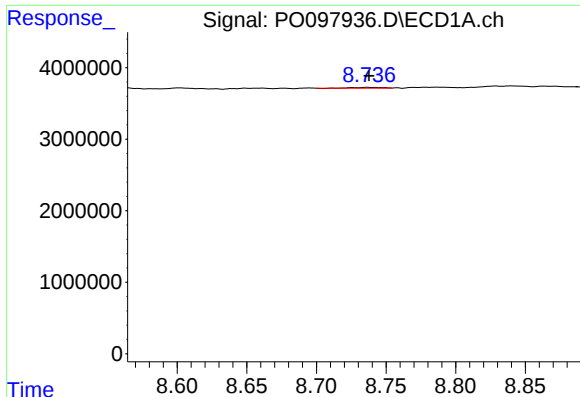
#40 AR-1262-5

R.T.: 9.516 min
Delta R.T.: 0.005 min
Response: 64050
Conc: 0.89 ng/ml



#40 AR-1262-5

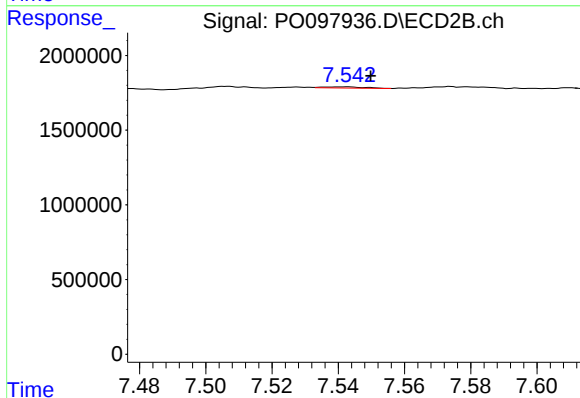
R.T.: 8.121 min
Delta R.T.: 0.010 min
Response: 77943
Conc: 2.48 ng/ml



#41 AR-1268-1

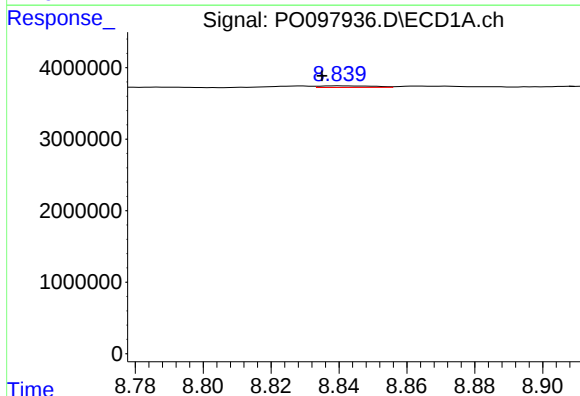
R.T.: 8.737 min
Delta R.T.: -0.001 min
Response: 152491
Conc: 0.54 ng/ml

Instrument :
ECD_O
ClientSampleId :



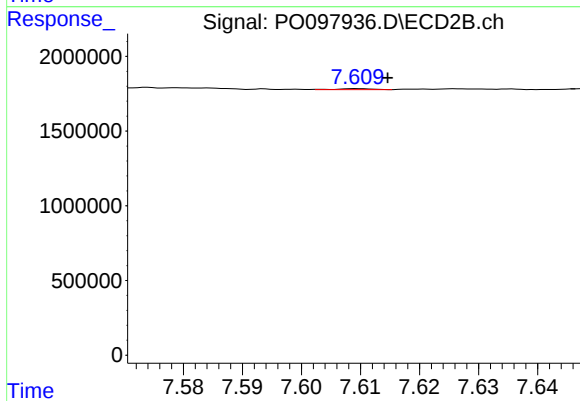
#41 AR-1268-1

R.T.: 7.542 min
Delta R.T.: -0.008 min
Response: 64613
Conc: 0.49 ng/ml



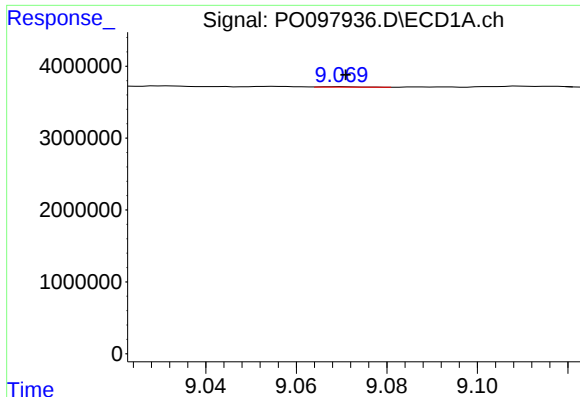
#42 AR-1268-2

R.T.: 8.840 min
Delta R.T.: 0.005 min
Response: 251729
Conc: 0.99 ng/ml



#42 AR-1268-2

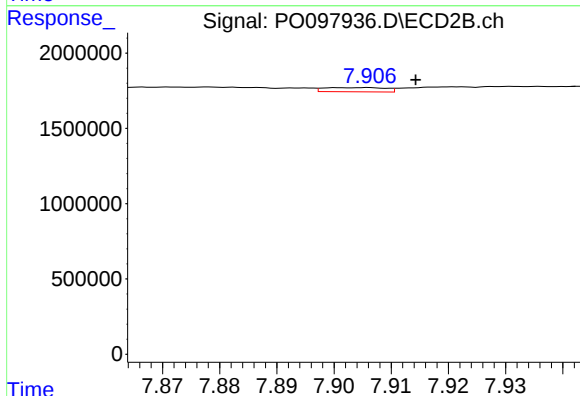
R.T.: 7.610 min
Delta R.T.: -0.005 min
Response: 25736
Conc: 0.22 ng/ml



#43 AR-1268-3

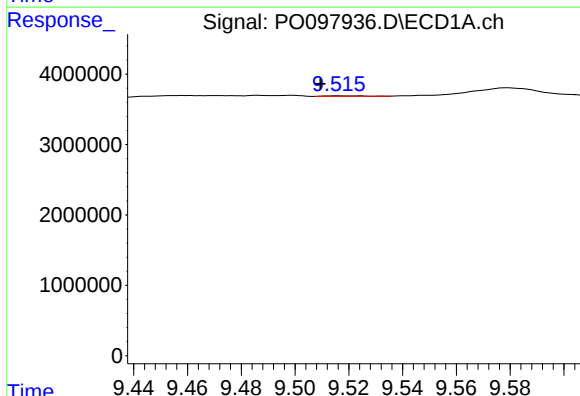
R.T.: 9.070 min
Delta R.T.: 0.000 min
Response: 37548
Conc: 0.17 ng/ml

Instrument :
ECD_O
ClientSampleId :



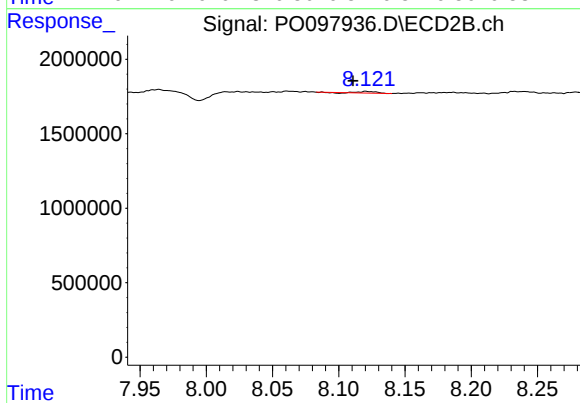
#43 AR-1268-3

R.T.: 7.905 min
Delta R.T.: -0.009 min
Response: 212724
Conc: 7.69 ng/ml



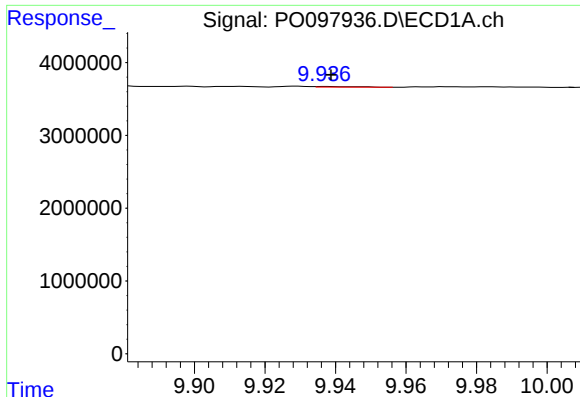
#44 AR-1268-4

R.T.: 9.516 min
Delta R.T.: 0.006 min
Response: 64050
Conc: 0.78 ng/ml



#44 AR-1268-4

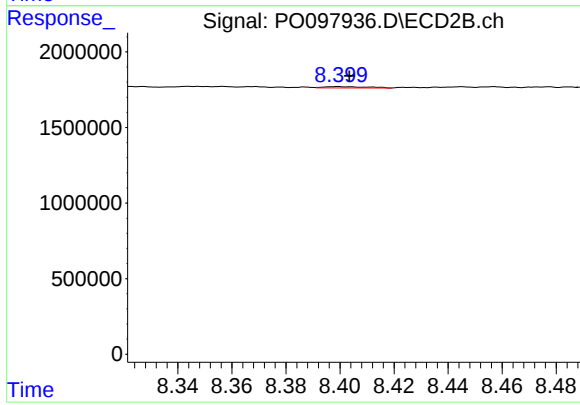
R.T.: 8.121 min
Delta R.T.: 0.010 min
Response: 77943
Conc: 2.21 ng/ml



#45 AR-1268-5

R.T.: 9.937 min
Delta R.T.: -0.001 min
Response: 71600
Conc: 0.11 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.399 min
Delta R.T.: -0.004 min
Response: 102445
Conc: 0.33 ng/ml