

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0091223\
 Data File : P0097942.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Sep 2023 09:54
 Operator : YP/AJ
 Sample : AR1242CCC500
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 12 14:44:10 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

System Monitoring Compounds							
1)	SA Tetrachlo...	4.440	3.621	187.5E6	52128964	47.060	54.432
2)	SA Decachlor...	10.285	8.653	98218791	46725099	52.567	54.689
Target Compounds							
3)	L1 AR-1016-1	5.617	4.709	46215942	15435431	428.004	479.897
4)	L1 AR-1016-2	5.640	4.728	67205391	21381905	415.289	470.702
5)	L1 AR-1016-3	5.702	4.905	42452110	11710016	426.340	480.966
6)	L1 AR-1016-4	5.801	4.948	33157853	9682009	420.492	460.851
7)	L1 AR-1016-5	6.098	5.161	35089710	13283855	427.431	477.967
8)	L2 AR-1221-1	4.646	3.835	6932648	1692348	145.511	140.154
9)	L2 AR-1221-2	4.738	3.921	9488193	2399148	267.034	281.256
10)	L2 AR-1221-3	4.814	3.998	30400580	8232628	293.438	307.226
11)	L3 AR-1232-1	4.814	3.998	30400580	8232628	354.046	373.233
12)	L3 AR-1232-2	5.347	4.728	39311169	21381905	899.630	1042.198
13)	L3 AR-1232-3	5.640	4.905	67205391	11710016	927.282	1076.967
14)	L3 AR-1232-4	5.801	4.989	33157853	12348474	961.537	1137.358
15)	L3 AR-1232-5	5.893	5.161	31237173	13283855	999.939	1095.716
16)	L4 AR-1242-1	5.617	4.709	46215942	15435431	496.188	550.025
17)	L4 AR-1242-2	5.640	4.728	67205391	21381905	479.017	538.742
18)	L4 AR-1242-3	5.702	4.905	42452110	11710016	490.517	554.137
19)	L4 AR-1242-4	5.801	4.989	33157853	12348474	488.903	538.798
20)	L4 AR-1242-5	6.544	5.515	33874067	14537530	481.388	558.035
21)	L5 AR-1248-1	5.617	4.709	46215942	15435431	681.113	751.389
22)	L5 AR-1248-2	5.893	4.948	31237173	9682009	288.850	317.780
23)	L5 AR-1248-3	6.098	4.989	35089710	12348474	312.639	387.743
24)	L5 AR-1248-4	6.505	5.161	31249294	13283855	302.279	354.970
25)	L5 AR-1248-5	6.544	5.556	33874067	12299684	303.877	369.113
26)	L6 AR-1254-1	6.478	5.515	23499024	14537530	191.676	267.416 #
27)	L6 AR-1254-2	6.703	5.663	27405988	4236376	152.778	87.975 #
28)	L6 AR-1254-3	7.069	6.069	11430795	4655634	64.549	63.015
29)	L6 AR-1254-4	7.357	6.298	7520513	3702865	69.868	93.431 #
30)	L6 AR-1254-5	7.783	6.718	2042534	1228487	16.988	19.946
31)	L7 AR-1260-1	7.235	6.214	1461797	1782998	10.344	33.512 #
32)	L7 AR-1260-2	7.495	6.388	2241804	803927	14.831	12.838
33)	L7 AR-1260-3	7.862	6.539	62156	629304	0.549	10.913 #
34)	L7 AR-1260-4	8.070	7.023	1114257	77612	9.373	1.654 #
35)	L7 AR-1260-5	8.412	7.262	238313	128587	1.164	1.297
36)	L8 AR-1262-1	7.862	6.809	62156	62329	0.409	2.300 #
37)	L8 AR-1262-2	8.412	7.023	238313	77612	1.092	1.332
38)	L8 AR-1262-3	8.753	7.544	324655	267385	2.098	6.130 #
39)	L8 AR-1262-4	8.837	7.606	26595	156462	0.317	2.056 #
40)	L8 AR-1262-5	9.516	8.118	22045	26546	0.306	0.846 #
41)	L9 AR-1268-1	8.753	7.544	324655	267385	1.144	2.031 #

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 Acq On : 12 Sep 2023 09:54
 Operator : YP/AJ
 Sample : AR1242CCC500
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

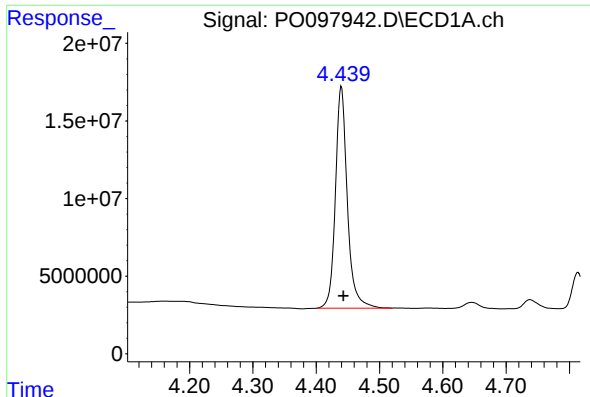
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 12 14:44:10 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0090623.M
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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	8.837	7.606	26595	156462	0.104	1.358 #
43) L9	AR-1268-3	9.068	7.909	198944	48625	0.890	1.759 #
44) L9	AR-1268-4	9.516	8.118	22045	26546	0.270	0.754 #
45) L9	AR-1268-5	9.936	8.397	683483	477141	1.030	1.522 #

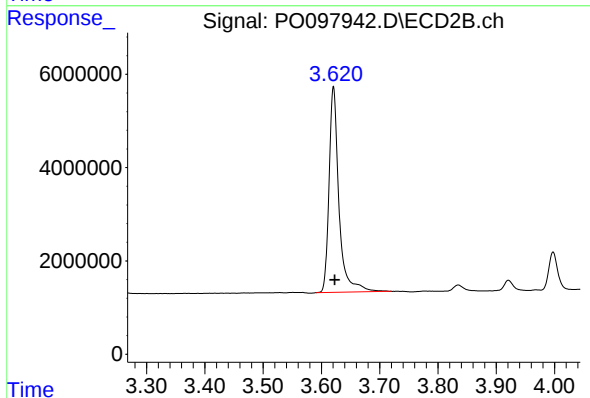
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

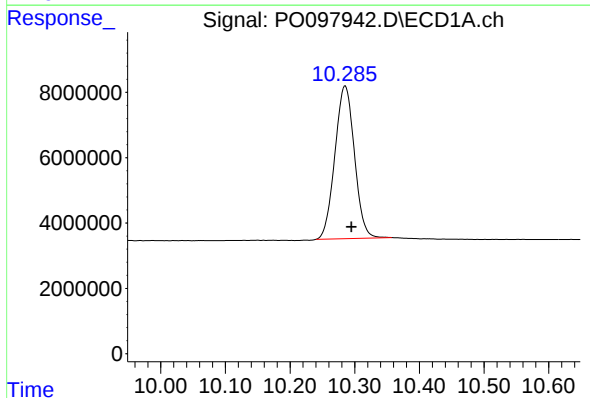
R.T.: 4.440 min
Delta R.T.: -0.003 min
Response: 187490873
Conc: 47.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



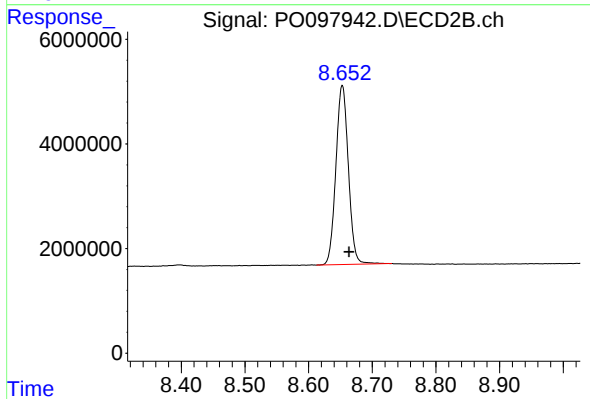
#1 Tetrachloro-m-xylene

R.T.: 3.621 min
Delta R.T.: -0.002 min
Response: 52128964
Conc: 54.43 ng/ml



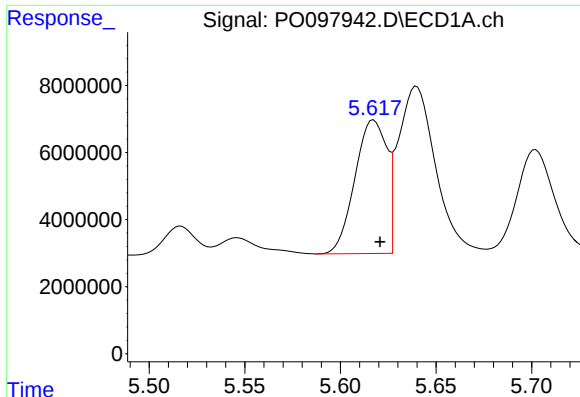
#2 Decachlorobiphenyl

R.T.: 10.285 min
Delta R.T.: -0.010 min
Response: 98218791
Conc: 52.57 ng/ml



#2 Decachlorobiphenyl

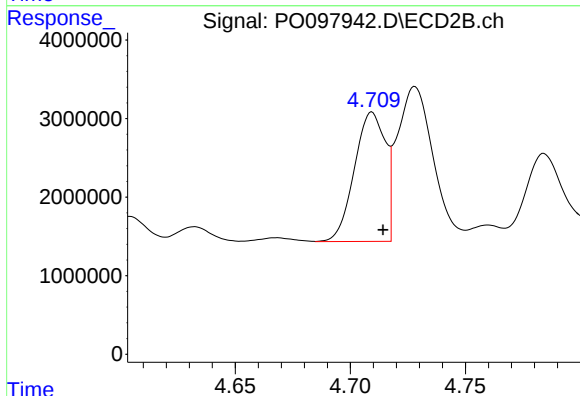
R.T.: 8.653 min
Delta R.T.: -0.011 min
Response: 46725099
Conc: 54.69 ng/ml



#3 AR-1016-1

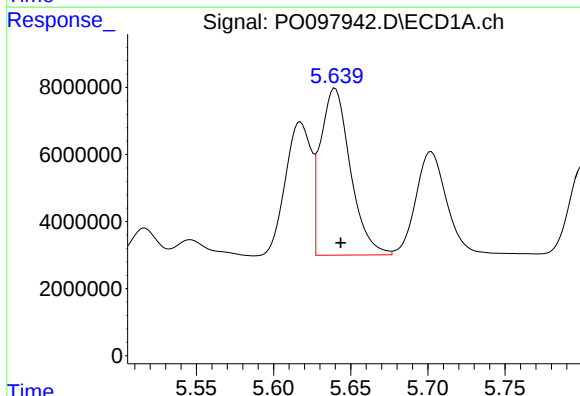
R.T.: 5.617 min
Delta R.T.: -0.003 min
Response: 46215942
Conc: 428.00 ng/ml

Instrument :
ECD_O
ClientSampleId :



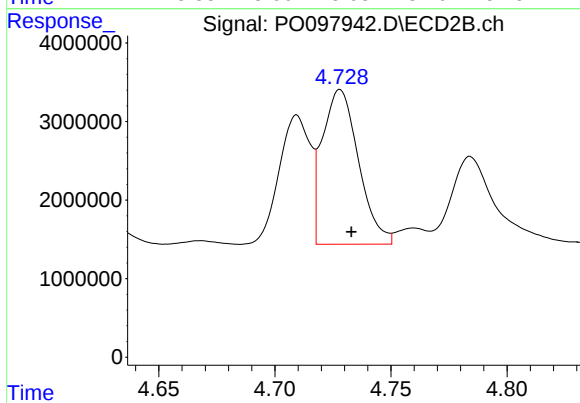
#3 AR-1016-1

R.T.: 4.709 min
Delta R.T.: -0.005 min
Response: 15435431
Conc: 479.90 ng/ml



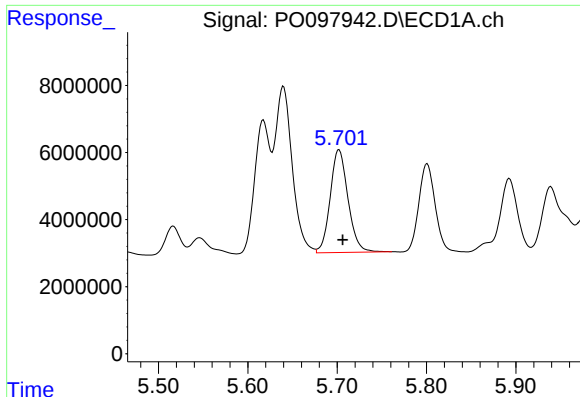
#4 AR-1016-2

R.T.: 5.640 min
Delta R.T.: -0.004 min
Response: 67205391
Conc: 415.29 ng/ml



#4 AR-1016-2

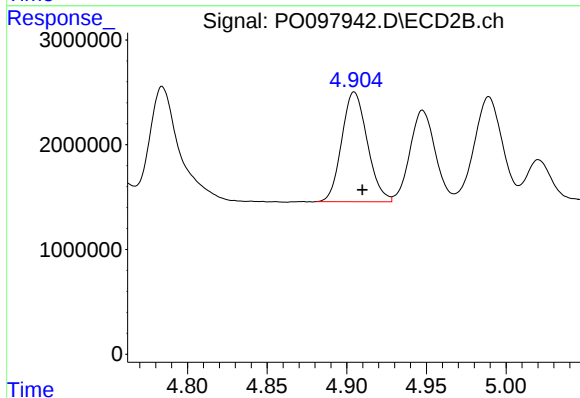
R.T.: 4.728 min
Delta R.T.: -0.005 min
Response: 21381905
Conc: 470.70 ng/ml



#5 AR-1016-3

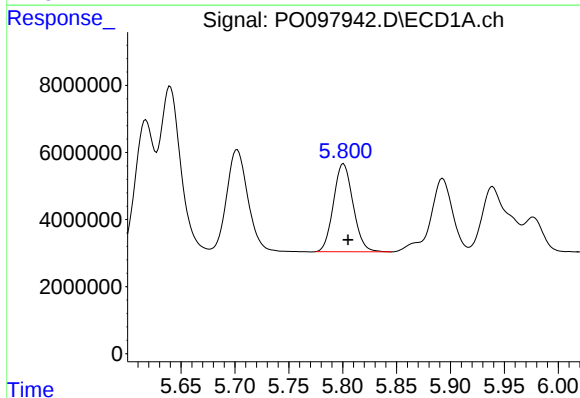
R.T.: 5.702 min
Delta R.T.: -0.004 min
Response: 42452110
Conc: 426.34 ng/ml

Instrument :
ECD_O
ClientSampleId :



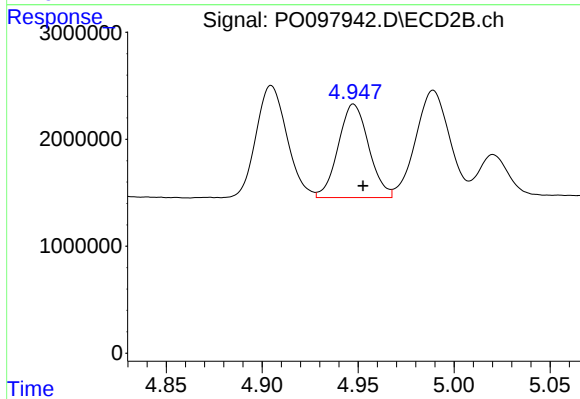
#5 AR-1016-3

R.T.: 4.905 min
Delta R.T.: -0.005 min
Response: 11710016
Conc: 480.97 ng/ml



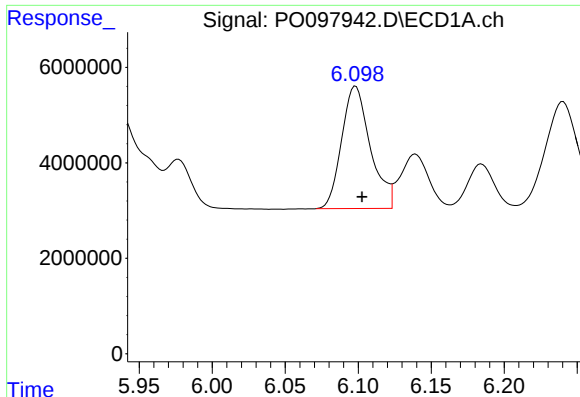
#6 AR-1016-4

R.T.: 5.801 min
Delta R.T.: -0.004 min
Response: 33157853
Conc: 420.49 ng/ml



#6 AR-1016-4

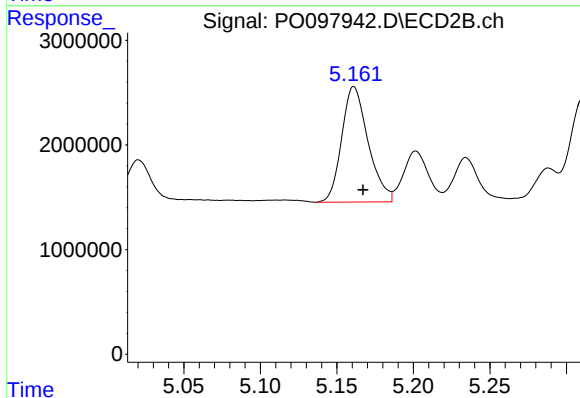
R.T.: 4.948 min
Delta R.T.: -0.005 min
Response: 9682009
Conc: 460.85 ng/ml



#7 AR-1016-5

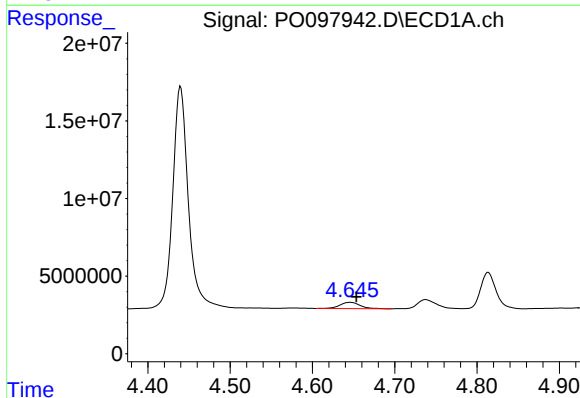
R.T.: 6.098 min
Delta R.T.: -0.004 min
Response: 35089710
Conc: 427.43 ng/ml

Instrument :
ECD_O
ClientSampleId :



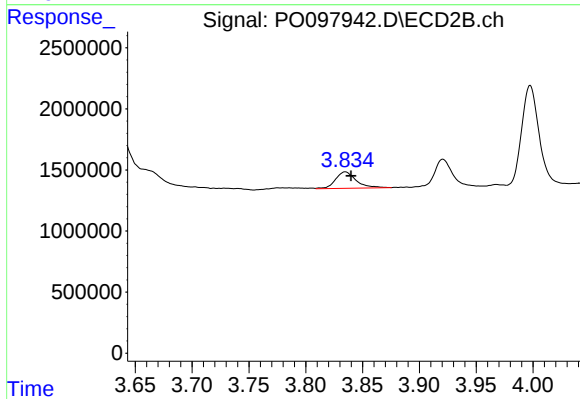
#7 AR-1016-5

R.T.: 5.161 min
Delta R.T.: -0.006 min
Response: 13283855
Conc: 477.97 ng/ml



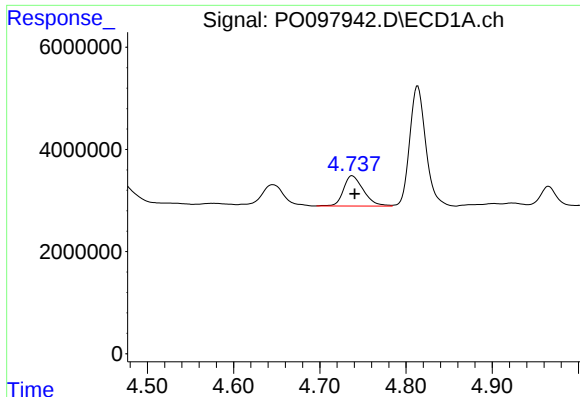
#8 AR-1221-1

R.T.: 4.646 min
Delta R.T.: -0.008 min
Response: 6932648
Conc: 145.51 ng/ml



#8 AR-1221-1

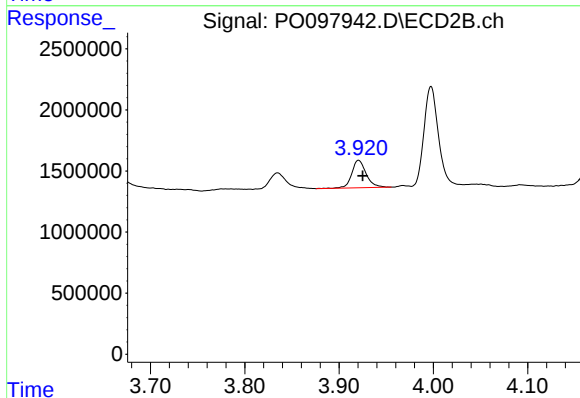
R.T.: 3.835 min
Delta R.T.: -0.005 min
Response: 1692348
Conc: 140.15 ng/ml



#9 AR-1221-2

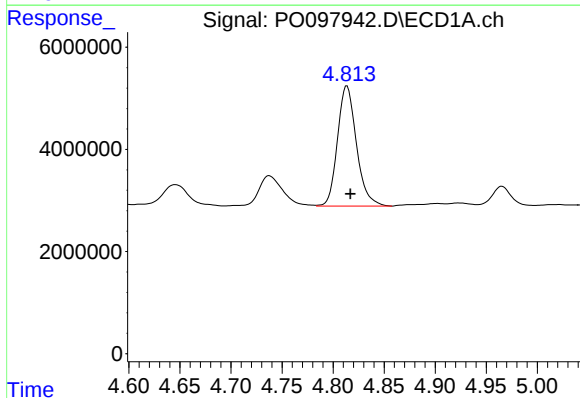
R.T.: 4.738 min
Delta R.T.: -0.003 min
Response: 9488193
Conc: 267.03 ng/ml

Instrument :
ECD_O
ClientSampleId :



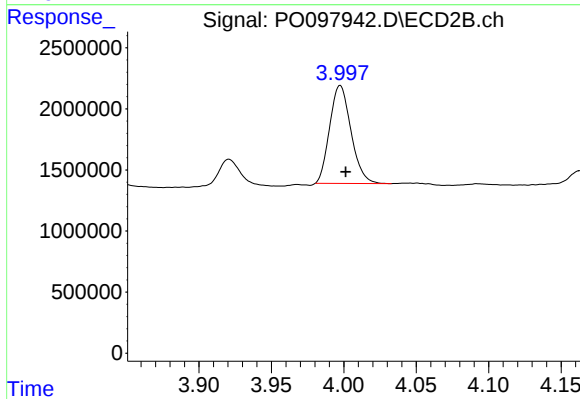
#9 AR-1221-2

R.T.: 3.921 min
Delta R.T.: -0.004 min
Response: 2399148
Conc: 281.26 ng/ml



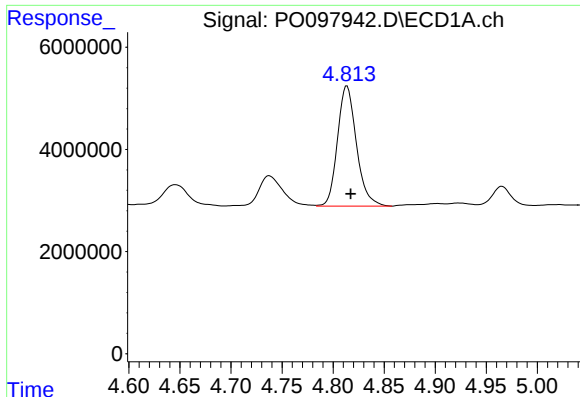
#10 AR-1221-3

R.T.: 4.814 min
Delta R.T.: -0.003 min
Response: 30400580
Conc: 293.44 ng/ml



#10 AR-1221-3

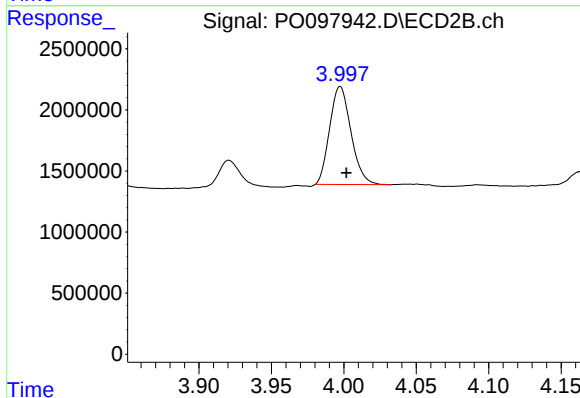
R.T.: 3.998 min
Delta R.T.: -0.004 min
Response: 8232628
Conc: 307.23 ng/ml



#11 AR-1232-1

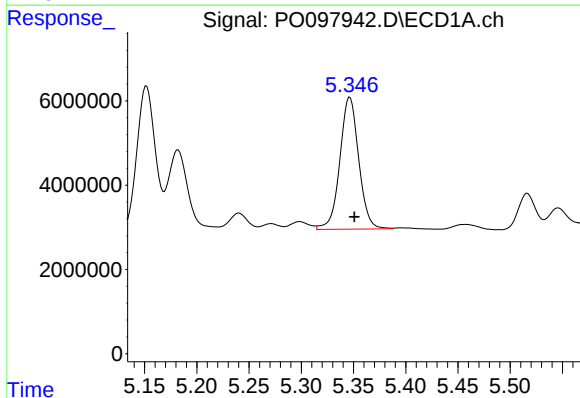
R.T.: 4.814 min
Delta R.T.: -0.004 min
Response: 30400580
Conc: 354.05 ng/ml

Instrument :
ECD_O
ClientSampleId :



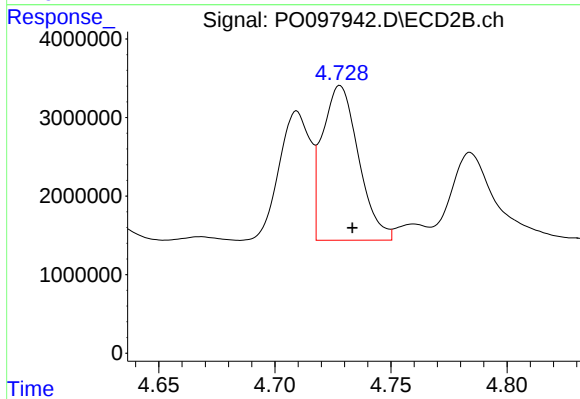
#11 AR-1232-1

R.T.: 3.998 min
Delta R.T.: -0.004 min
Response: 8232628
Conc: 373.23 ng/ml



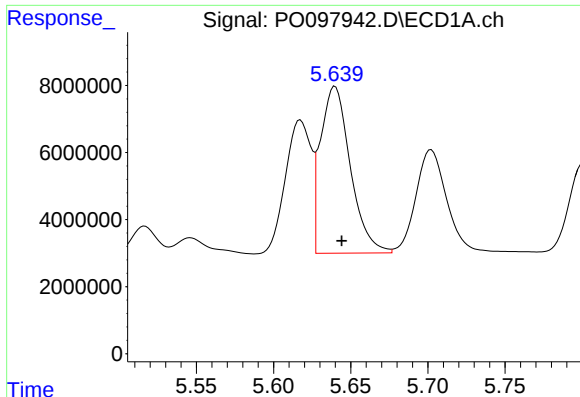
#12 AR-1232-2

R.T.: 5.347 min
Delta R.T.: -0.005 min
Response: 39311169
Conc: 899.63 ng/ml



#12 AR-1232-2

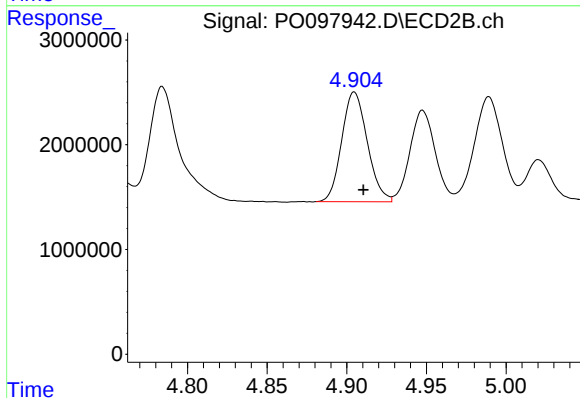
R.T.: 4.728 min
Delta R.T.: -0.005 min
Response: 21381905
Conc: 1042.20 ng/ml



#13 AR-1232-3

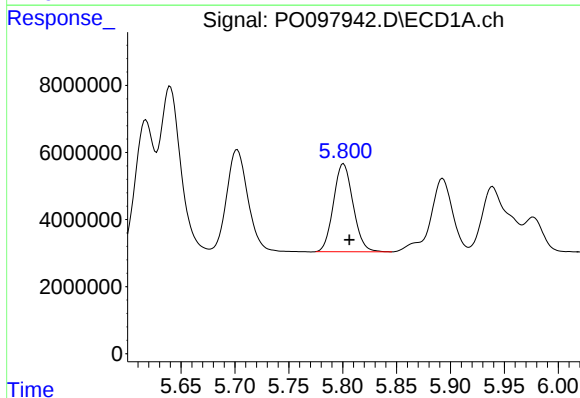
R.T.: 5.640 min
Delta R.T.: -0.004 min
Response: 67205391
Conc: 927.28 ng/ml

Instrument :
ECD_O
ClientSampleId :



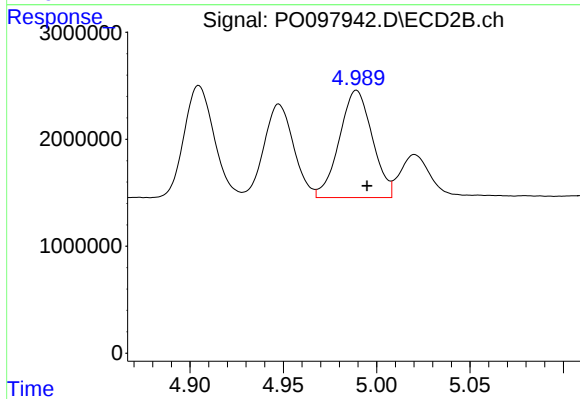
#13 AR-1232-3

R.T.: 4.905 min
Delta R.T.: -0.006 min
Response: 11710016
Conc: 1076.97 ng/ml



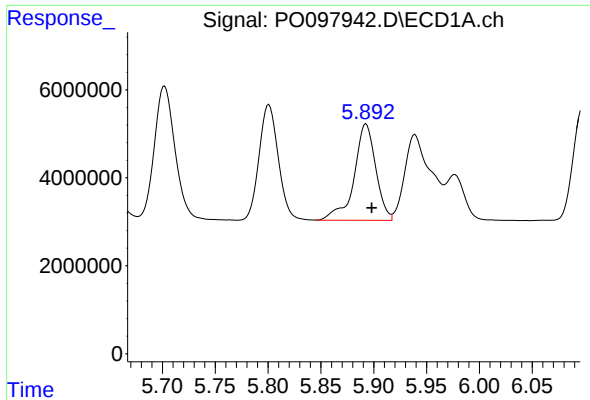
#14 AR-1232-4

R.T.: 5.801 min
Delta R.T.: -0.005 min
Response: 33157853
Conc: 961.54 ng/ml



#14 AR-1232-4

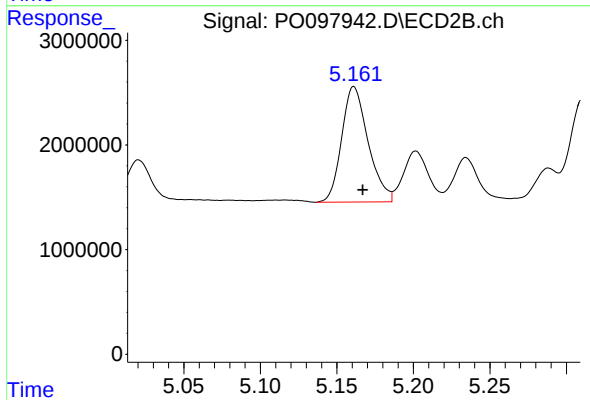
R.T.: 4.989 min
Delta R.T.: -0.006 min
Response: 12348474
Conc: 1137.36 ng/ml



#15 AR-1232-5

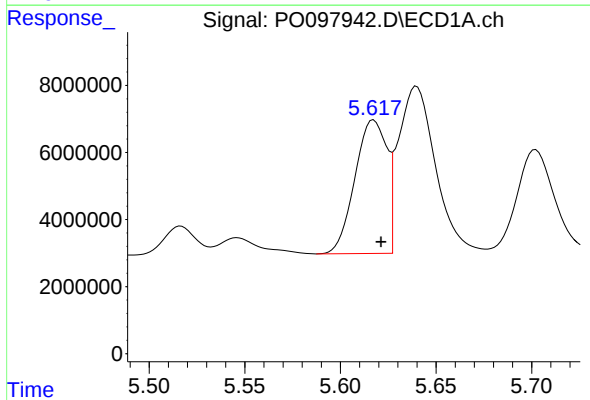
R.T.: 5.893 min
Delta R.T.: -0.005 min
Response: 31237173
Conc: 999.94 ng/ml

Instrument :
ECD_O
ClientSampleId :



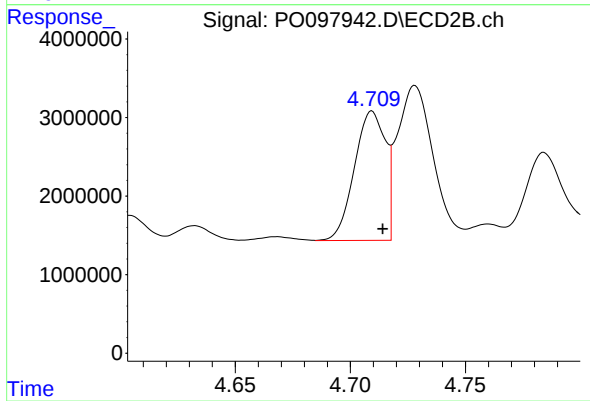
#15 AR-1232-5

R.T.: 5.161 min
Delta R.T.: -0.006 min
Response: 13283855
Conc: 1095.72 ng/ml



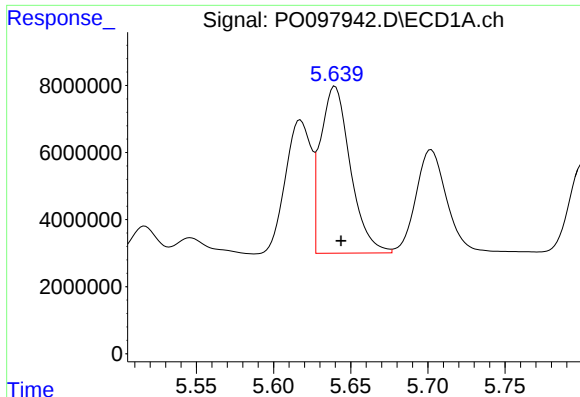
#16 AR-1242-1

R.T.: 5.617 min
Delta R.T.: -0.004 min
Response: 46215942
Conc: 496.19 ng/ml



#16 AR-1242-1

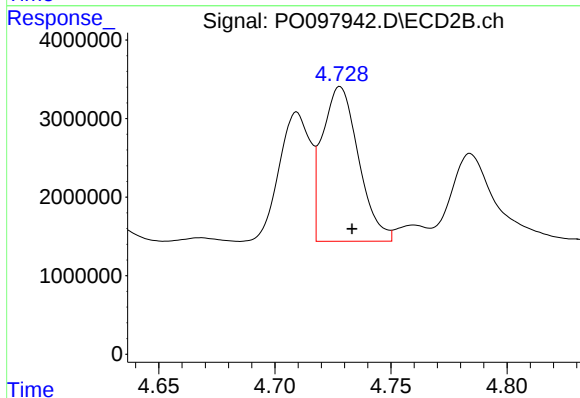
R.T.: 4.709 min
Delta R.T.: -0.005 min
Response: 15435431
Conc: 550.03 ng/ml



#17 AR-1242-2

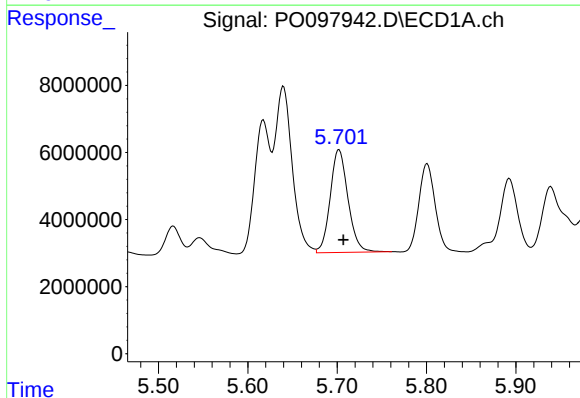
R.T.: 5.640 min
Delta R.T.: -0.004 min
Response: 67205391
Conc: 479.02 ng/ml

Instrument :
ECD_O
ClientSampleId :



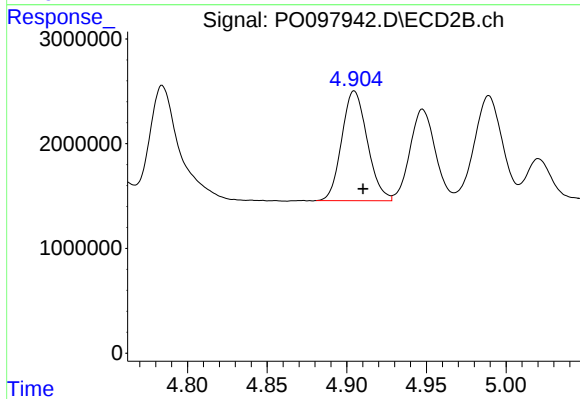
#17 AR-1242-2

R.T.: 4.728 min
Delta R.T.: -0.005 min
Response: 21381905
Conc: 538.74 ng/ml



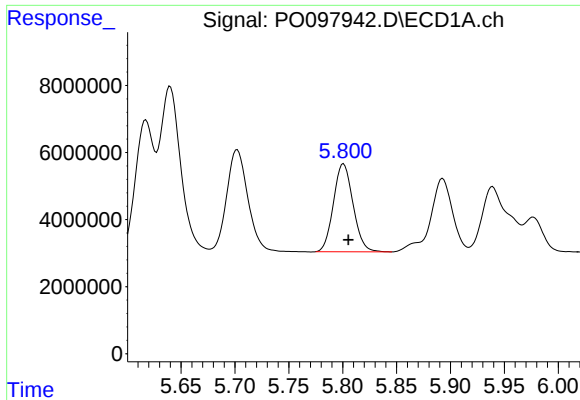
#18 AR-1242-3

R.T.: 5.702 min
Delta R.T.: -0.005 min
Response: 42452110
Conc: 490.52 ng/ml



#18 AR-1242-3

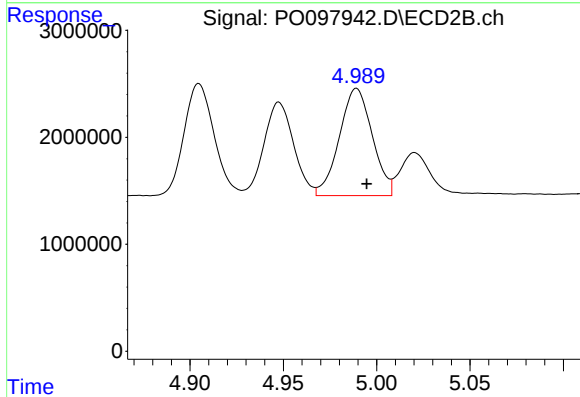
R.T.: 4.905 min
Delta R.T.: -0.005 min
Response: 11710016
Conc: 554.14 ng/ml



#19 AR-1242-4

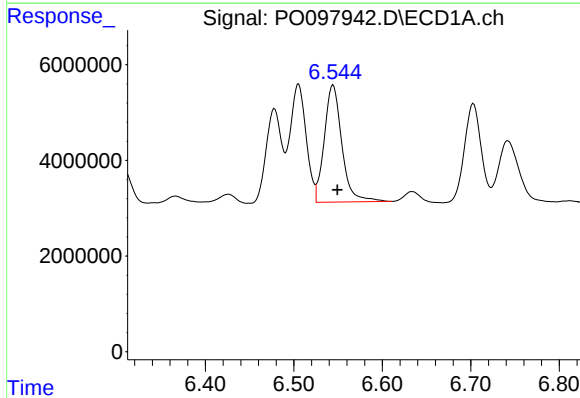
R.T.: 5.801 min
Delta R.T.: -0.004 min
Response: 33157853
Conc: 488.90 ng/ml

Instrument :
ECD_O
ClientSampleId :



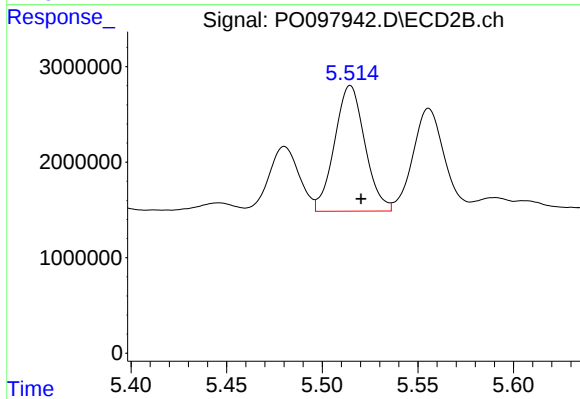
#19 AR-1242-4

R.T.: 4.989 min
Delta R.T.: -0.006 min
Response: 12348474
Conc: 538.80 ng/ml



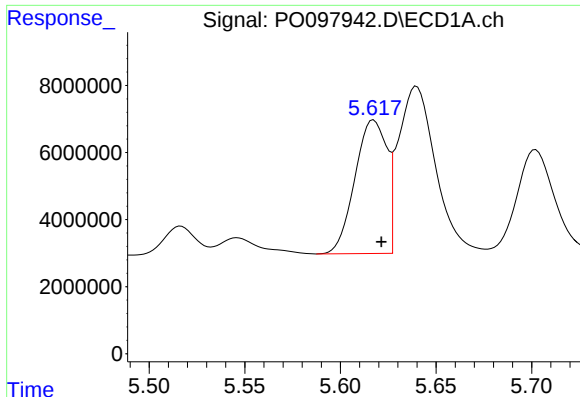
#20 AR-1242-5

R.T.: 6.544 min
Delta R.T.: -0.005 min
Response: 33874067
Conc: 481.39 ng/ml



#20 AR-1242-5

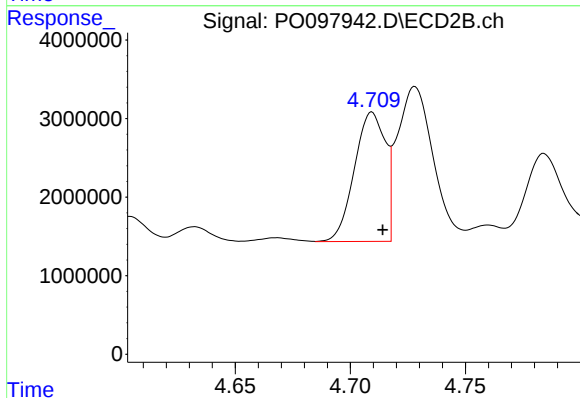
R.T.: 5.515 min
Delta R.T.: -0.006 min
Response: 14537530
Conc: 558.04 ng/ml



#21 AR-1248-1

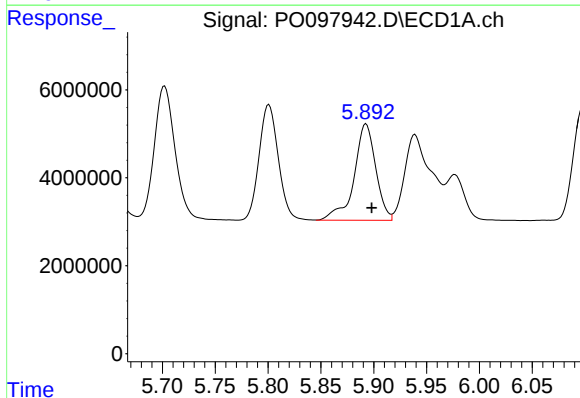
R.T.: 5.617 min
Delta R.T.: -0.004 min
Response: 46215942
Conc: 681.11 ng/ml

Instrument :
ECD_O
ClientSampleId :



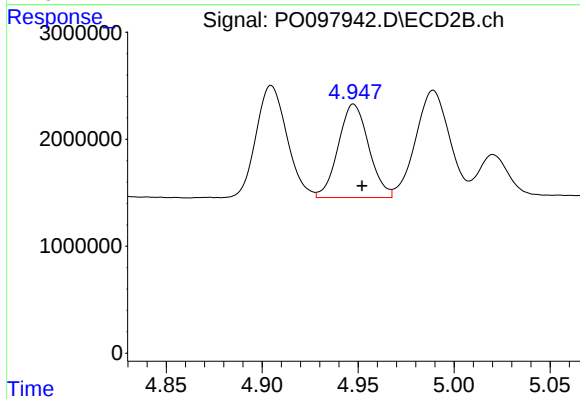
#21 AR-1248-1

R.T.: 4.709 min
Delta R.T.: -0.005 min
Response: 15435431
Conc: 751.39 ng/ml



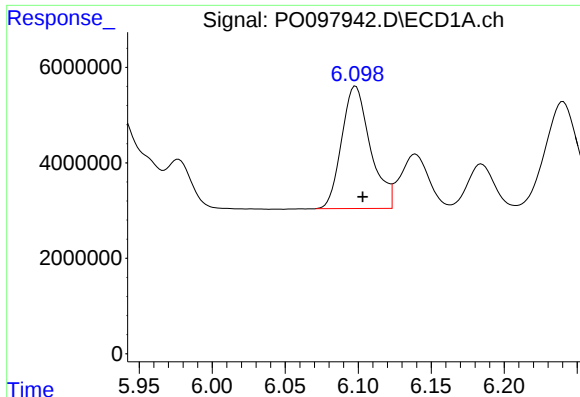
#22 AR-1248-2

R.T.: 5.893 min
Delta R.T.: -0.005 min
Response: 31237173
Conc: 288.85 ng/ml



#22 AR-1248-2

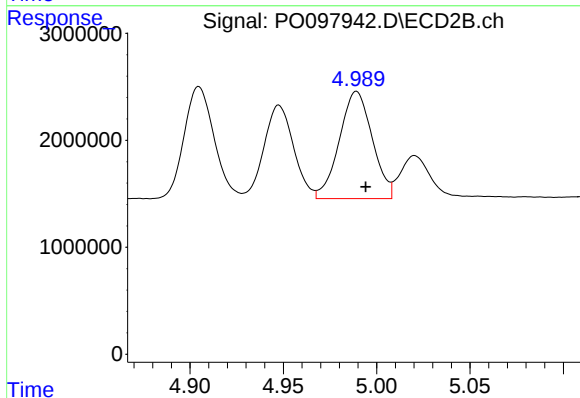
R.T.: 4.948 min
Delta R.T.: -0.004 min
Response: 9682009
Conc: 317.78 ng/ml



#23 AR-1248-3

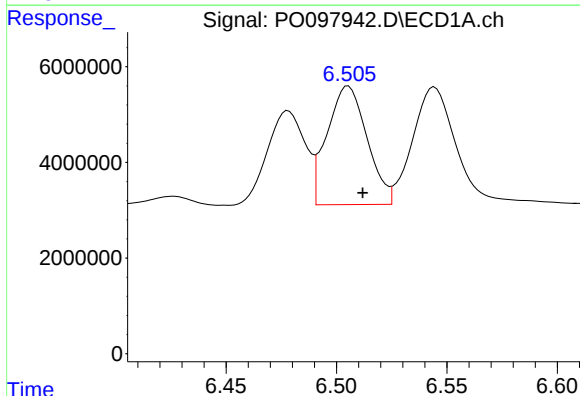
R.T.: 6.098 min
Delta R.T.: -0.005 min
Response: 35089710
Conc: 312.64 ng/ml

Instrument :
ECD_O
ClientSampleId :



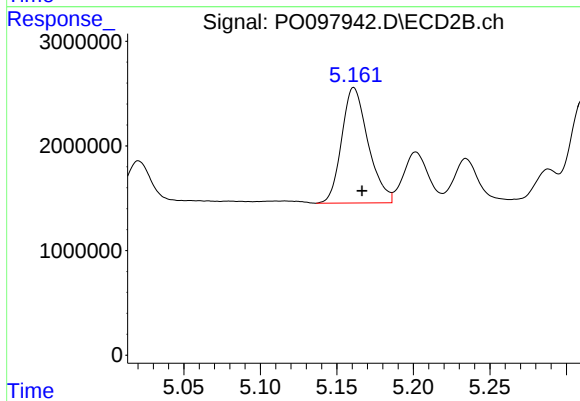
#23 AR-1248-3

R.T.: 4.989 min
Delta R.T.: -0.005 min
Response: 12348474
Conc: 387.74 ng/ml



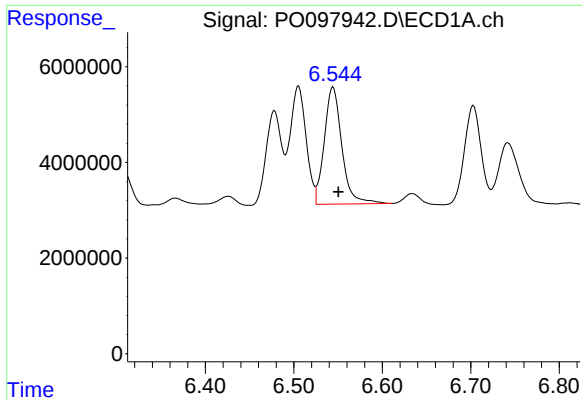
#24 AR-1248-4

R.T.: 6.505 min
Delta R.T.: -0.006 min
Response: 31249294
Conc: 302.28 ng/ml



#24 AR-1248-4

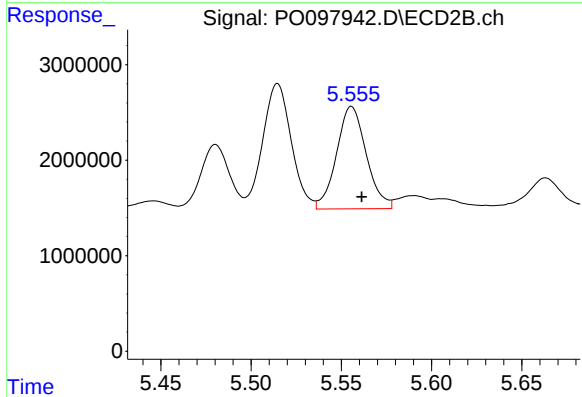
R.T.: 5.161 min
Delta R.T.: -0.005 min
Response: 13283855
Conc: 354.97 ng/ml



#25 AR-1248-5

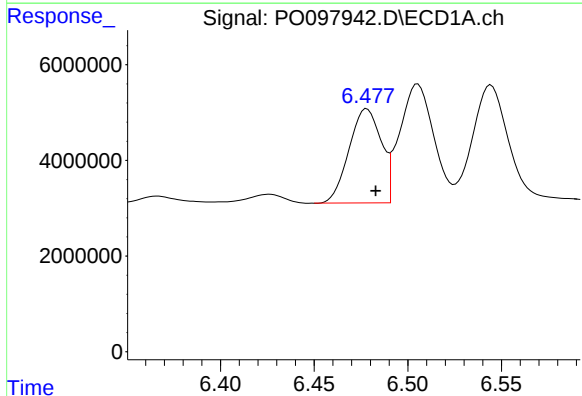
R.T.: 6.544 min
Delta R.T.: -0.006 min
Response: 33874067
Conc: 303.88 ng/ml

Instrument :
ECD_O
ClientSampleId :



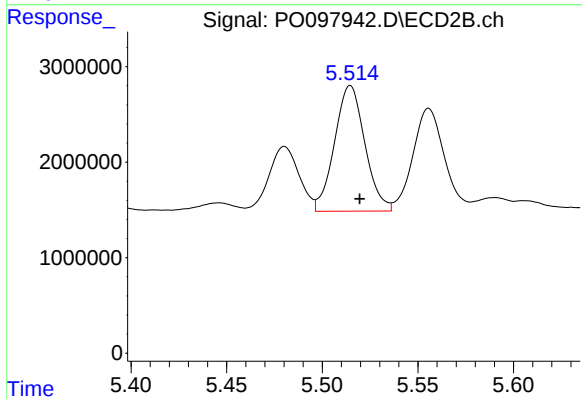
#25 AR-1248-5

R.T.: 5.556 min
Delta R.T.: -0.006 min
Response: 12299684
Conc: 369.11 ng/ml



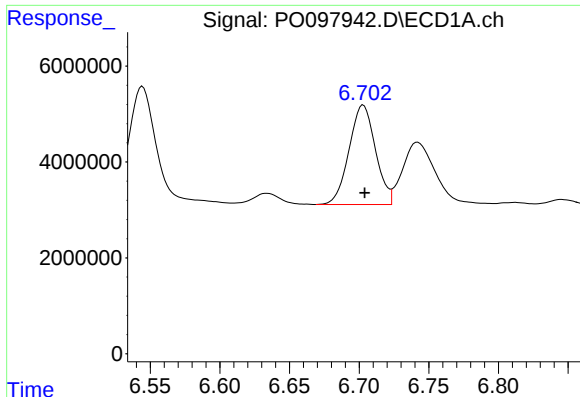
#26 AR-1254-1

R.T.: 6.478 min
Delta R.T.: -0.005 min
Response: 23499024
Conc: 191.68 ng/ml



#26 AR-1254-1

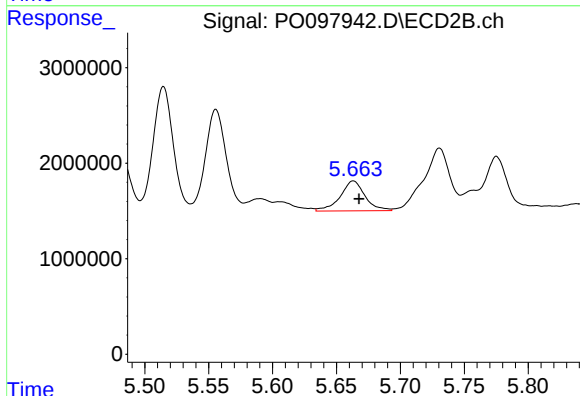
R.T.: 5.515 min
Delta R.T.: -0.005 min
Response: 14537530
Conc: 267.42 ng/ml



#27 AR-1254-2

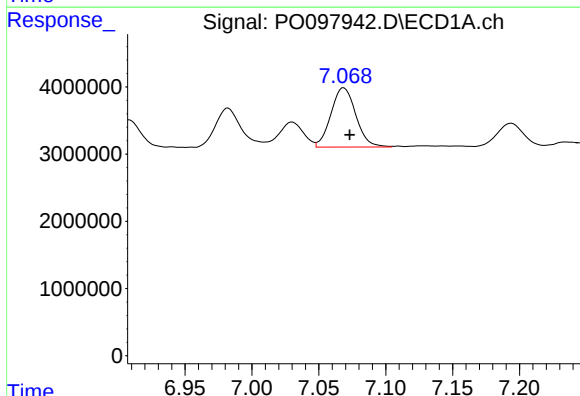
R.T.: 6.703 min
Delta R.T.: -0.001 min
Response: 27405988
Conc: 152.78 ng/ml

Instrument :
ECD_O
ClientSampleId :



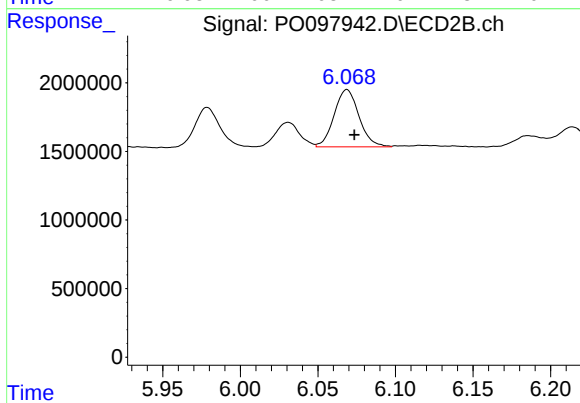
#27 AR-1254-2

R.T.: 5.663 min
Delta R.T.: -0.004 min
Response: 4236376
Conc: 87.97 ng/ml



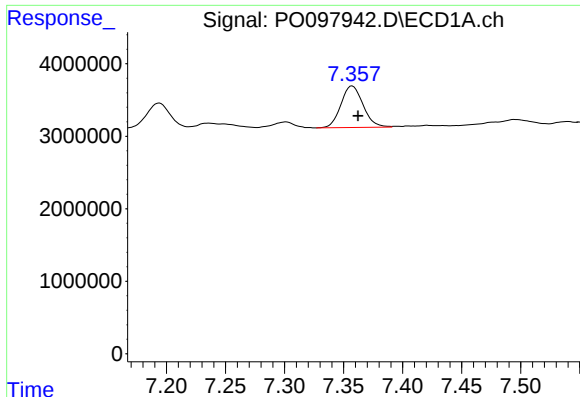
#28 AR-1254-3

R.T.: 7.069 min
Delta R.T.: -0.004 min
Response: 11430795
Conc: 64.55 ng/ml



#28 AR-1254-3

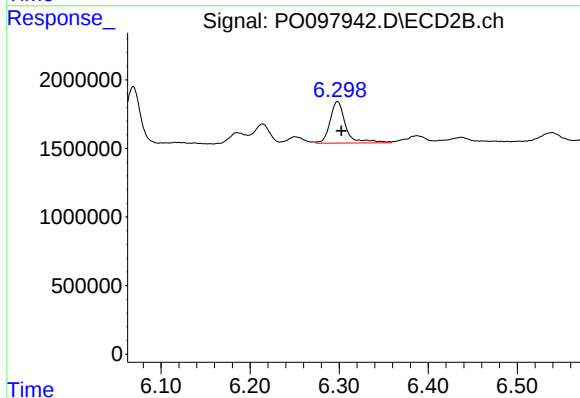
R.T.: 6.069 min
Delta R.T.: -0.005 min
Response: 4655634
Conc: 63.01 ng/ml



#29 AR-1254-4

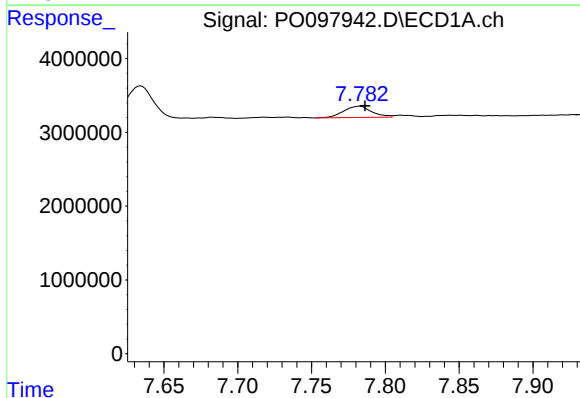
R.T.: 7.357 min
Delta R.T.: -0.005 min
Response: 7520513
Conc: 69.87 ng/ml

Instrument :
ECD_O
ClientSampleId :



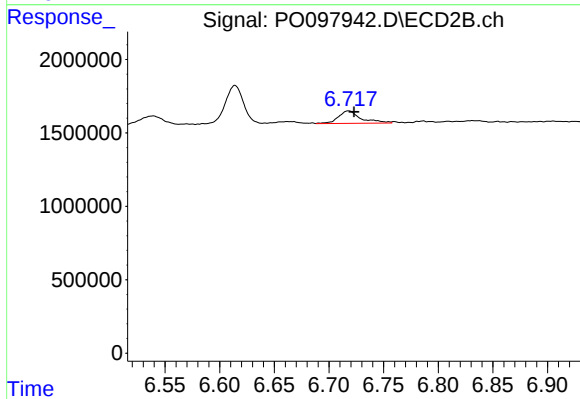
#29 AR-1254-4

R.T.: 6.298 min
Delta R.T.: -0.005 min
Response: 3702865
Conc: 93.43 ng/ml



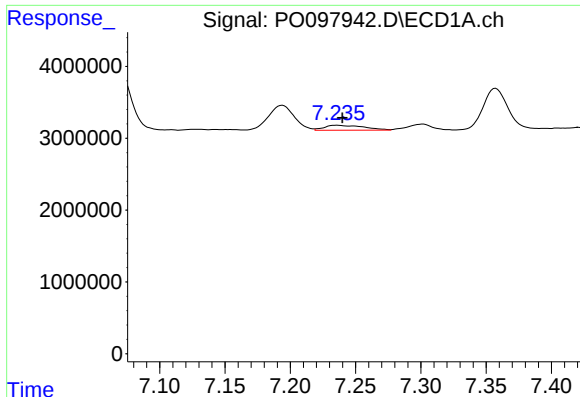
#30 AR-1254-5

R.T.: 7.783 min
Delta R.T.: -0.003 min
Response: 2042534
Conc: 16.99 ng/ml



#30 AR-1254-5

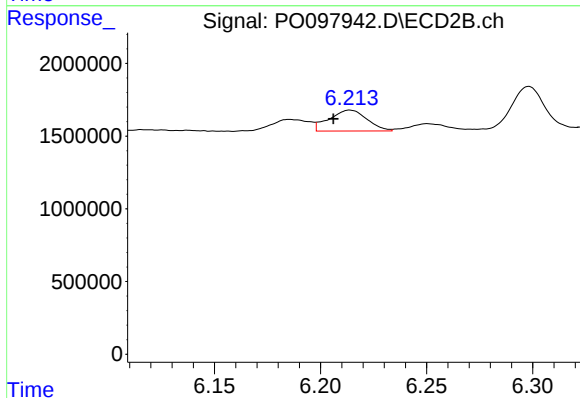
R.T.: 6.718 min
Delta R.T.: -0.005 min
Response: 1228487
Conc: 19.95 ng/ml



#31 AR-1260-1

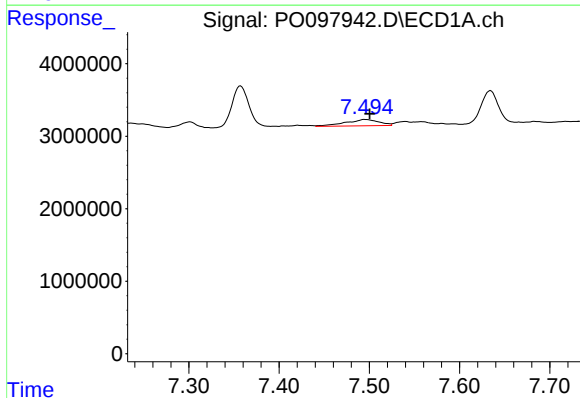
R.T.: 7.235 min
Delta R.T.: -0.005 min
Response: 1461797
Conc: 10.34 ng/ml

Instrument :
ECD_O
ClientSampleId :



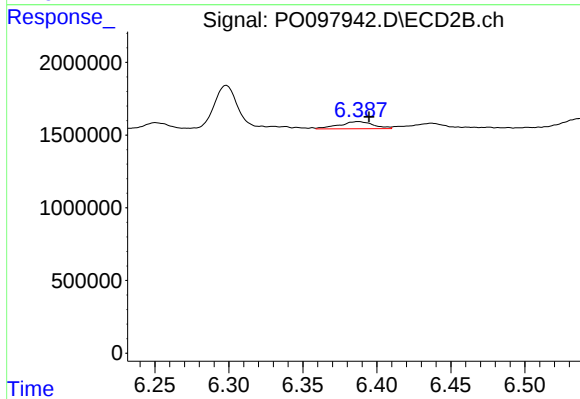
#31 AR-1260-1

R.T.: 6.214 min
Delta R.T.: 0.008 min
Response: 1782998
Conc: 33.51 ng/ml



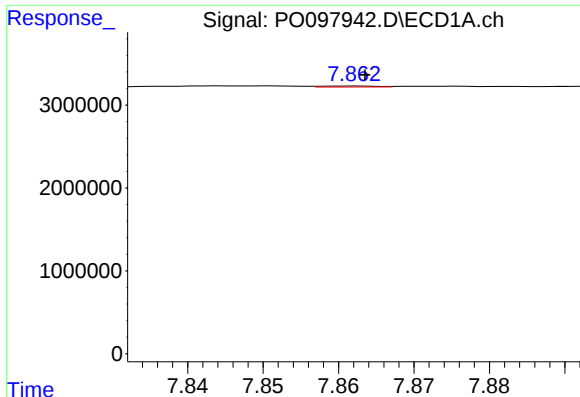
#32 AR-1260-2

R.T.: 7.495 min
Delta R.T.: -0.005 min
Response: 2241804
Conc: 14.83 ng/ml



#32 AR-1260-2

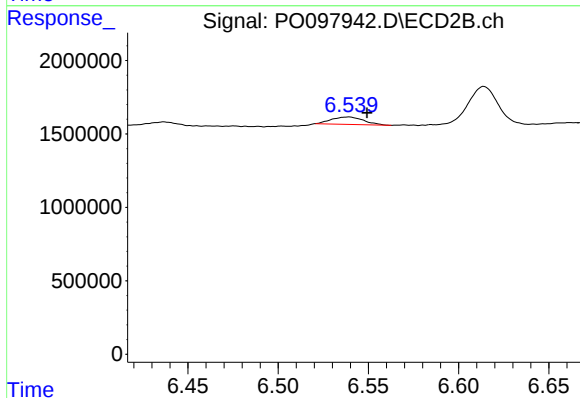
R.T.: 6.388 min
Delta R.T.: -0.007 min
Response: 803927
Conc: 12.84 ng/ml



#33 AR-1260-3

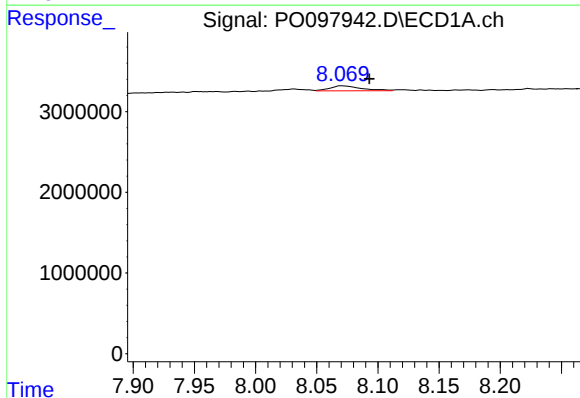
R.T.: 7.862 min
Delta R.T.: -0.001 min
Response: 62156
Conc: 0.55 ng/ml

Instrument :
ECD_O
ClientSampleId :



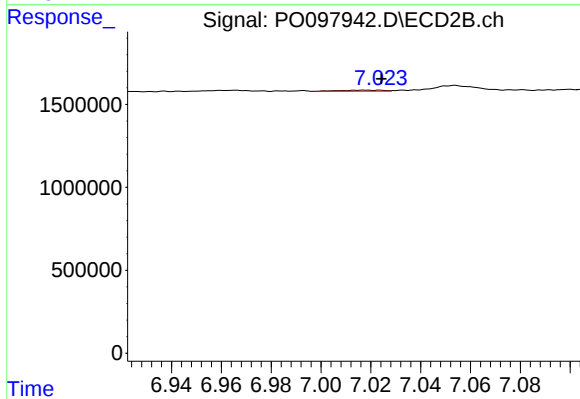
#33 AR-1260-3

R.T.: 6.539 min
Delta R.T.: -0.010 min
Response: 629304
Conc: 10.91 ng/ml



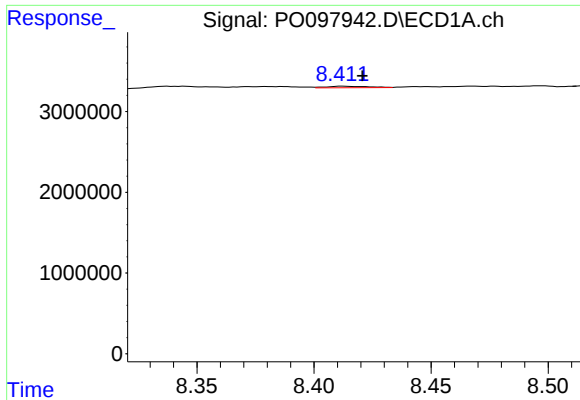
#34 AR-1260-4

R.T.: 8.070 min
Delta R.T.: -0.023 min
Response: 1114257
Conc: 9.37 ng/ml



#34 AR-1260-4

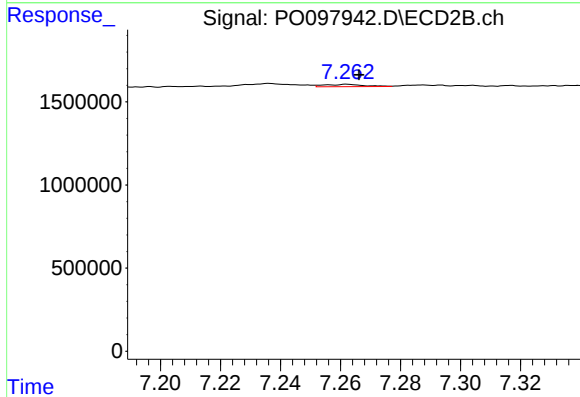
R.T.: 7.023 min
Delta R.T.: 0.000 min
Response: 77612
Conc: 1.65 ng/ml



#35 AR-1260-5

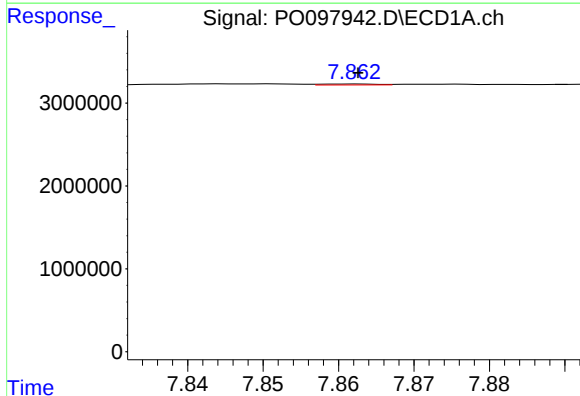
R.T.: 8.412 min
Delta R.T.: -0.008 min
Response: 238313
Conc: 1.16 ng/ml

Instrument :
ECD_O
ClientSampleId :



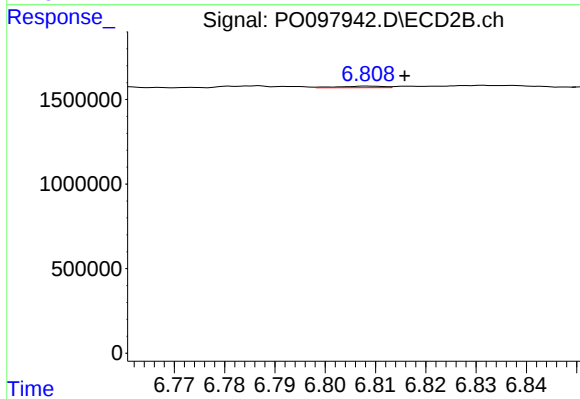
#35 AR-1260-5

R.T.: 7.262 min
Delta R.T.: -0.004 min
Response: 128587
Conc: 1.30 ng/ml



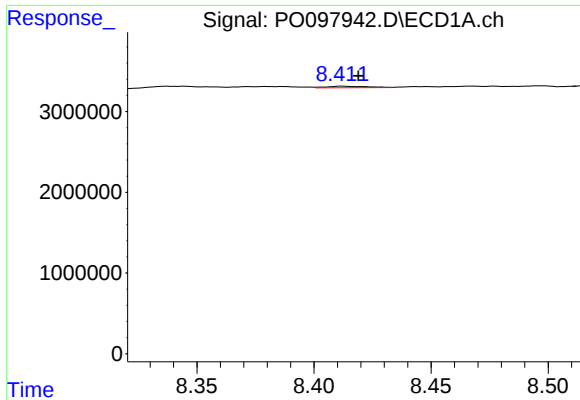
#36 AR-1262-1

R.T.: 7.862 min
Delta R.T.: 0.000 min
Response: 62156
Conc: 0.41 ng/ml



#36 AR-1262-1

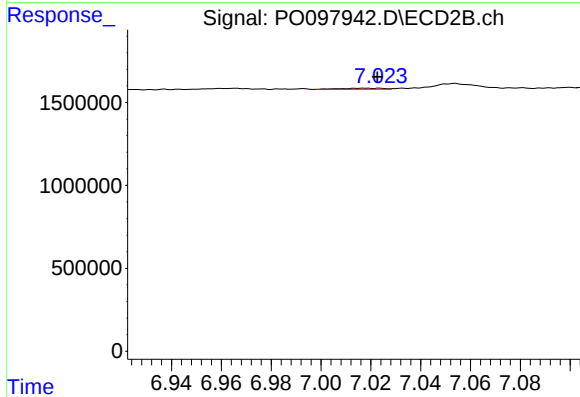
R.T.: 6.809 min
Delta R.T.: -0.007 min
Response: 62329
Conc: 2.30 ng/ml



#37 AR-1262-2

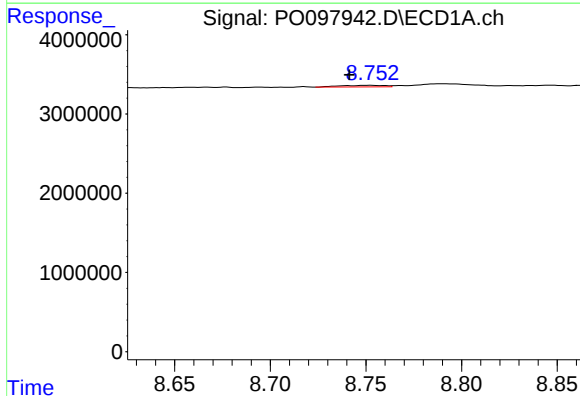
R.T.: 8.412 min
Delta R.T.: -0.007 min
Response: 238313
Conc: 1.09 ng/ml

Instrument :
ECD_O
ClientSampleId :



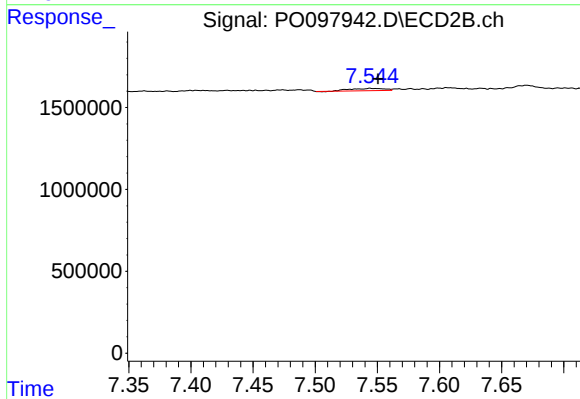
#37 AR-1262-2

R.T.: 7.023 min
Delta R.T.: 0.000 min
Response: 77612
Conc: 1.33 ng/ml



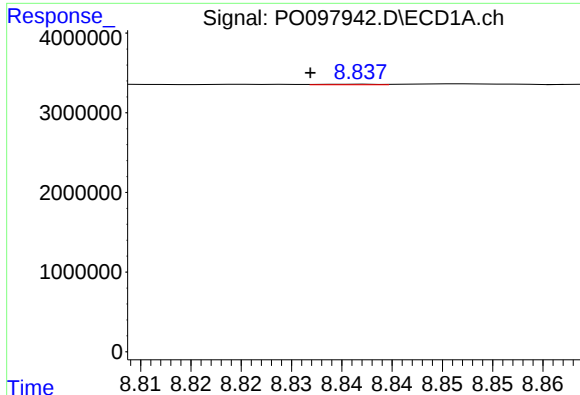
#38 AR-1262-3

R.T.: 8.753 min
Delta R.T.: 0.011 min
Response: 324655
Conc: 2.10 ng/ml



#38 AR-1262-3

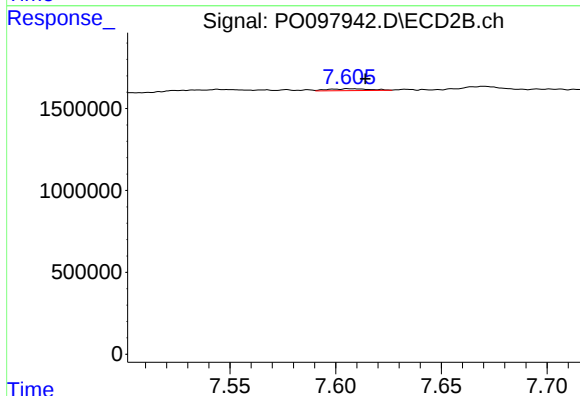
R.T.: 7.544 min
Delta R.T.: -0.006 min
Response: 267385
Conc: 6.13 ng/ml



#39 AR-1262-4

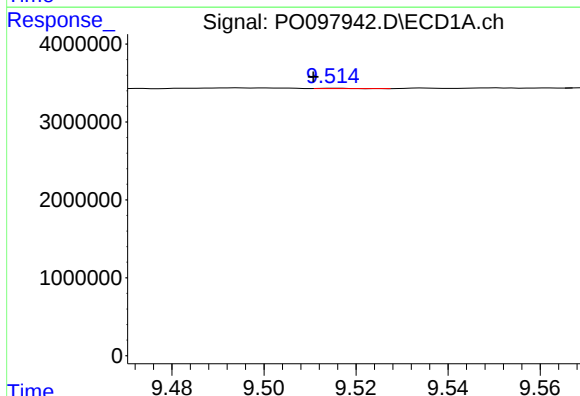
R.T.: 8.837 min
Delta R.T.: 0.005 min
Response: 26595
Conc: 0.32 ng/ml

Instrument :
ECD_O
ClientSampleId :



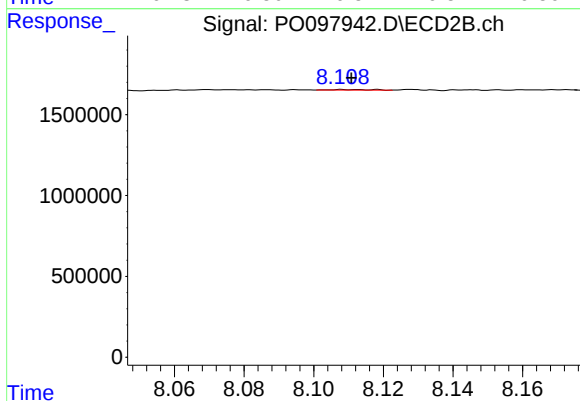
#39 AR-1262-4

R.T.: 7.606 min
Delta R.T.: -0.008 min
Response: 156462
Conc: 2.06 ng/ml



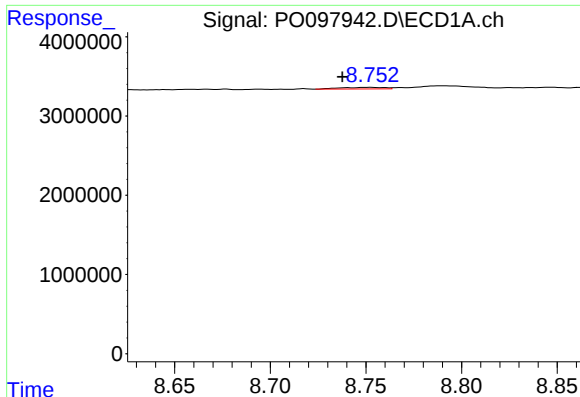
#40 AR-1262-5

R.T.: 9.516 min
Delta R.T.: 0.005 min
Response: 22045
Conc: 0.31 ng/ml



#40 AR-1262-5

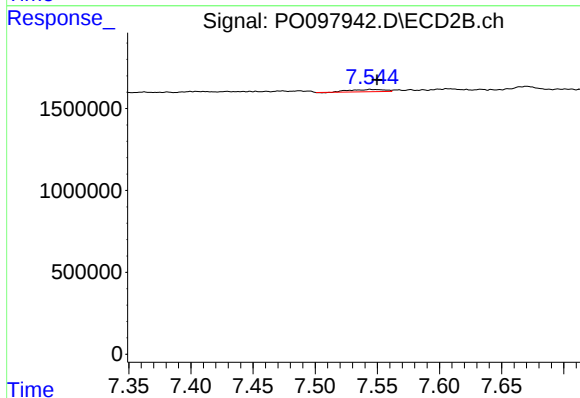
R.T.: 8.118 min
Delta R.T.: 0.007 min
Response: 26546
Conc: 0.85 ng/ml



#41 AR-1268-1

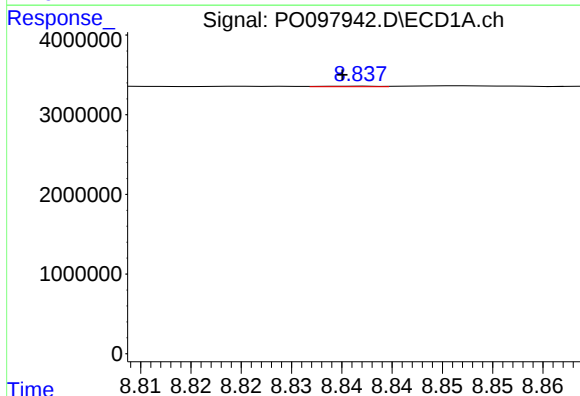
R.T.: 8.753 min
Delta R.T.: 0.015 min
Response: 324655
Conc: 1.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



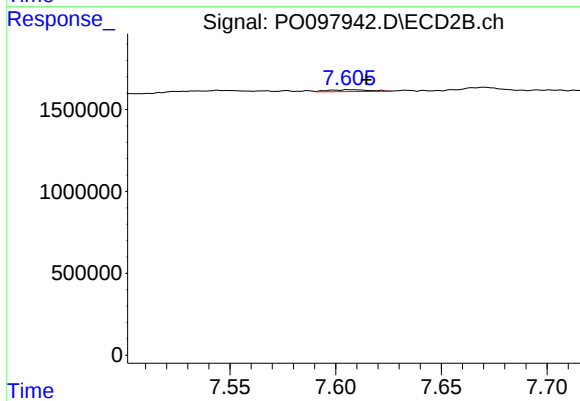
#41 AR-1268-1

R.T.: 7.544 min
Delta R.T.: -0.006 min
Response: 267385
Conc: 2.03 ng/ml



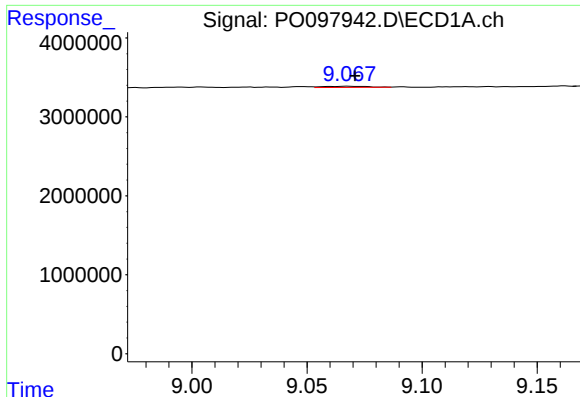
#42 AR-1268-2

R.T.: 8.837 min
Delta R.T.: 0.002 min
Response: 26595
Conc: 0.10 ng/ml



#42 AR-1268-2

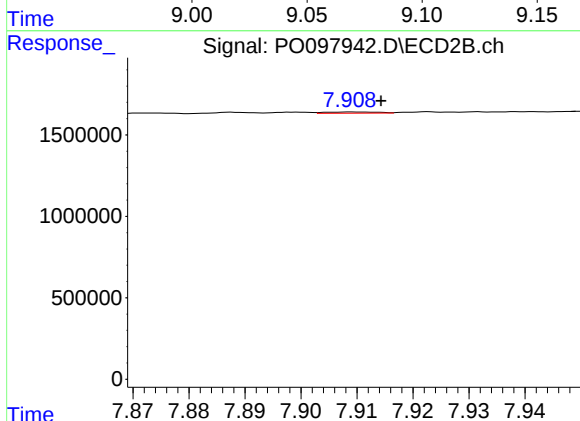
R.T.: 7.606 min
Delta R.T.: -0.008 min
Response: 156462
Conc: 1.36 ng/ml



#43 AR-1268-3

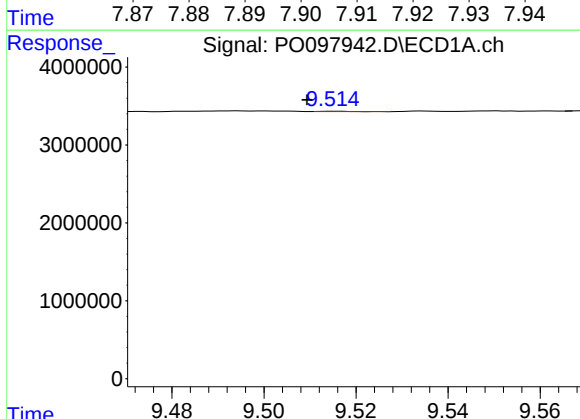
R.T.: 9.068 min
Delta R.T.: -0.003 min
Response: 198944
Conc: 0.89 ng/ml

Instrument :
ECD_O
ClientSampleId :



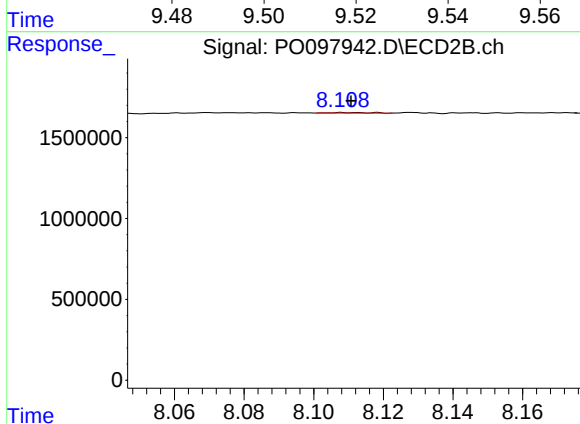
#43 AR-1268-3

R.T.: 7.909 min
Delta R.T.: -0.005 min
Response: 48625
Conc: 1.76 ng/ml



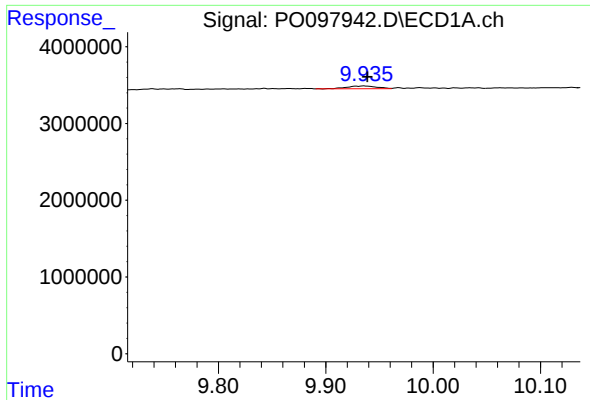
#44 AR-1268-4

R.T.: 9.516 min
Delta R.T.: 0.006 min
Response: 22045
Conc: 0.27 ng/ml



#44 AR-1268-4

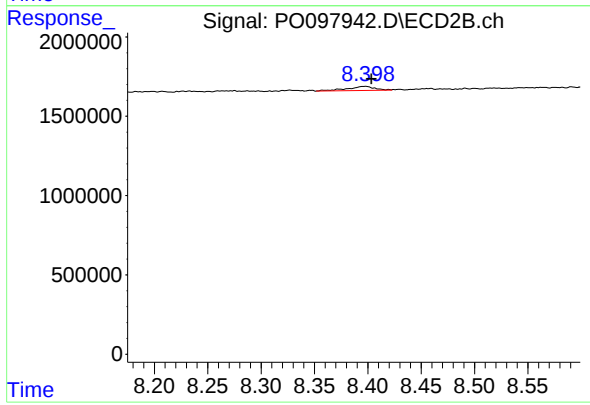
R.T.: 8.118 min
Delta R.T.: 0.007 min
Response: 26546
Conc: 0.75 ng/ml



#45 AR-1268-5

R.T.: 9.936 min
Delta R.T.: -0.003 min
Response: 683483
Conc: 1.03 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.397 min
Delta R.T.: -0.006 min
Response: 477141
Conc: 1.52 ng/ml