

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0082123\
 Data File : P0097321.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Aug 2023 13:30
 Operator : YP/AJ
 Sample : AR1248CCC500
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 22 01:47:01 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0080723.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Aug 08 04:34:41 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...	4.409	3.614	160.3E6	63126329	48.436	47.686
2) SA Decachlor...	10.344	8.626	114.8E6	55113804	52.480	47.638
Target Compounds						
3) L1 AR-1016-1	5.595	4.716	29700338	13670378	315.345	308.336
4) L1 AR-1016-2	5.618	4.716	35082569	13670378	262.252	223.479
5) L1 AR-1016-3	5.681	4.893	17245656	9154668	198.178	280.230 #
6) L1 AR-1016-4	5.780	4.935	19626031	19485811	292.183	681.647 #
7) L1 AR-1016-5	6.082	5.148	47626786	23374031	682.166	607.963
8) L2 AR-1221-1	4.617	0.000	289316	0	7.099	N.D. #
9) L2 AR-1221-2	4.719	3.913	2629052	995556	86.539	77.051
10) L2 AR-1221-3	4.785	3.987	2665348	1135984	30.450	28.619
11) L3 AR-1232-1	4.785	3.987	2665348	1135984	36.545	35.119
12) L3 AR-1232-2	5.322	4.716	14426875	13670378	363.893	473.801 #
13) L3 AR-1232-3	5.618	4.893	35082569	9154668	573.501	603.796
14) L3 AR-1232-4	5.780	4.977	19626031	20322312	643.185	1359.838 #
15) L3 AR-1232-5	5.874	5.148	45195508	23374031	1615.095	1429.886
16) L4 AR-1242-1	5.595	4.716	29700338	13670378	354.348	346.744
17) L4 AR-1242-2	5.618	4.716	35082569	13670378	297.911	250.875
18) L4 AR-1242-3	5.681	4.893	17245656	9154668	233.452	309.608 #
19) L4 AR-1242-4	5.780	4.977	19626031	20322312	329.681	644.868 #
20) L4 AR-1242-5	6.535	5.500	44760478	31349606	813.535	860.398
21) L5 AR-1248-1	5.595	4.716	29700338	13670378	506.883	487.140
22) L5 AR-1248-2	5.874	4.935	45195508	19485811	480.713	459.777
23) L5 AR-1248-3	6.082	4.977	47626786	20322312	486.937	463.292
24) L5 AR-1248-4	6.496	5.148	46813337	23374031	515.319	457.866
25) L5 AR-1248-5	6.535	5.542	44760478	21995000	508.145	470.463
26) L6 AR-1254-1	6.467	5.500	37314322	31349606	341.423	424.813
27) L6 AR-1254-2	6.695	5.649	46928623	10266724	291.071	155.839 #
28) L6 AR-1254-3	7.070	6.053	25642939	14870922	163.647	147.146
29) L6 AR-1254-4	7.362	6.282	15871938	9722880	157.431	167.998
30) L6 AR-1254-5	7.793	6.700	3645759	2867437	32.489	32.616
31) L7 AR-1260-1	7.239	6.198	3424777	7154246	27.248	101.669 #
32) L7 AR-1260-2	7.501	6.372	3324117	1214715	24.672	14.554 #
33) L7 AR-1260-3	7.872	6.524	966016	1569708	9.309	20.328 #
34) L7 AR-1260-4	8.089	7.001	1887587	225912	16.883	3.525 #
35) L7 AR-1260-5	8.439	7.242	1107164	411896	5.273	2.971 #
36) L8 AR-1262-1	7.872	6.791	966016	30722	6.504	0.780 #
37) L8 AR-1262-2	8.439	7.001	1107164	225912	4.783	2.785 #
38) L8 AR-1262-3	8.782	7.525	1098449	216312	6.585	3.371 #
39) L8 AR-1262-4	8.858	7.587	309730	424016	4.248	3.733
40) L8 AR-1262-5	9.544	0.000	70630	0	0.848	N.D. #
41) L9 AR-1268-1	8.782	7.525	1098449	216312	3.573	1.167 #

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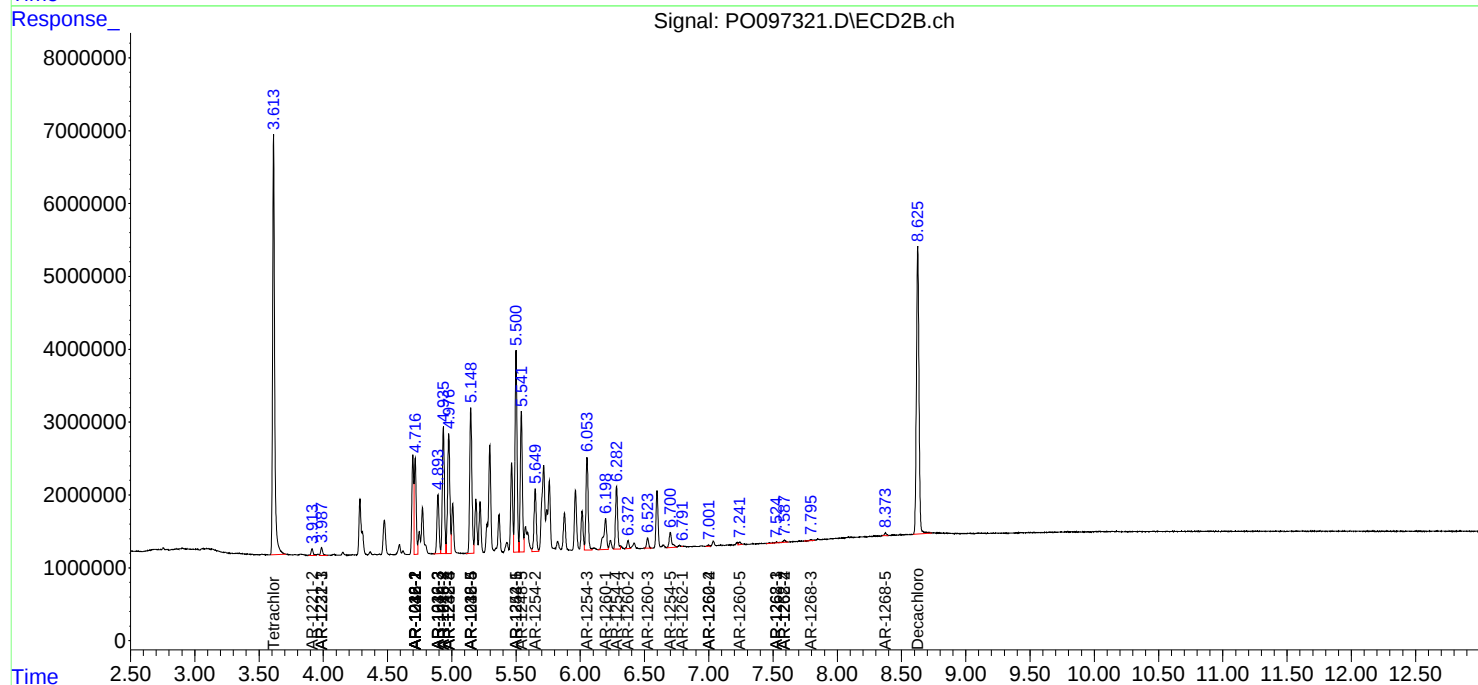
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

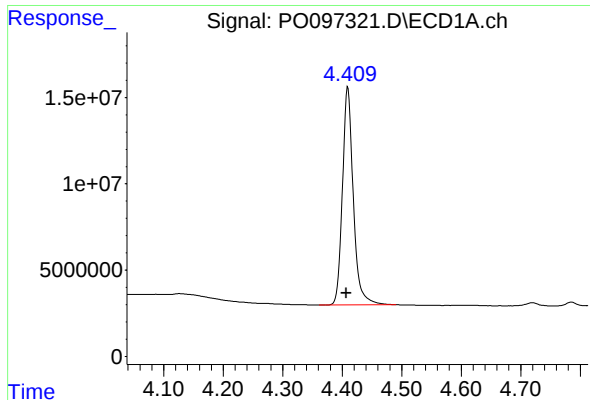
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.858	7.587	309730	424016	1.130	2.529 #
43) L9	AR-1268-3	9.097	7.795	914379	220677	3.580	1.527 #
44) L9	AR-1268-4	9.544	0.000	70630	0	0.762	N.D. #
45) L9	AR-1268-5	9.986	8.374	855411	390727	1.059	0.939

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

Instrument :
ECD_O
ClientSampleId :

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

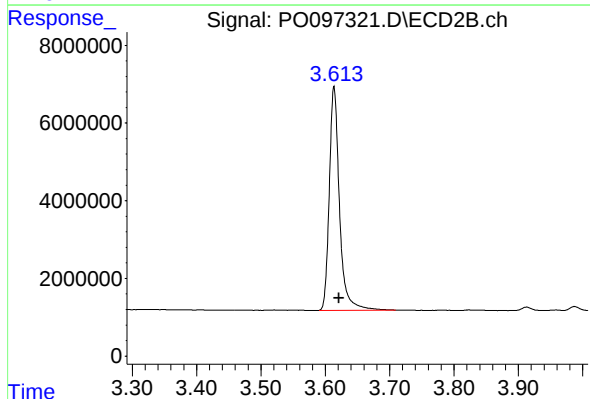




#1 Tetrachloro-m-xylene

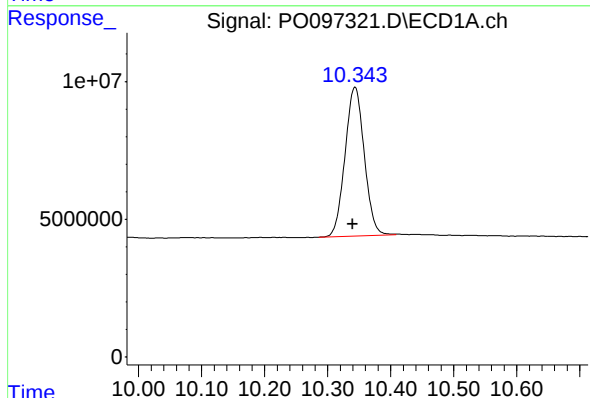
R.T.: 4.409 min
Delta R.T.: 0.002 min
Response: 160333590
Conc: 48.44 ng/ml

Instrument :
ECD_O
ClientSampleId :



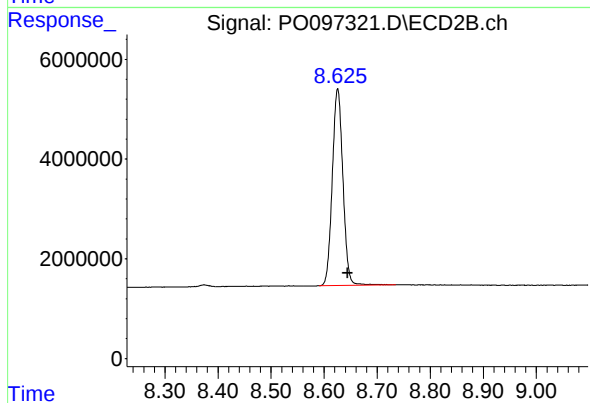
#1 Tetrachloro-m-xylene

R.T.: 3.614 min
Delta R.T.: -0.007 min
Response: 63126329
Conc: 47.69 ng/ml



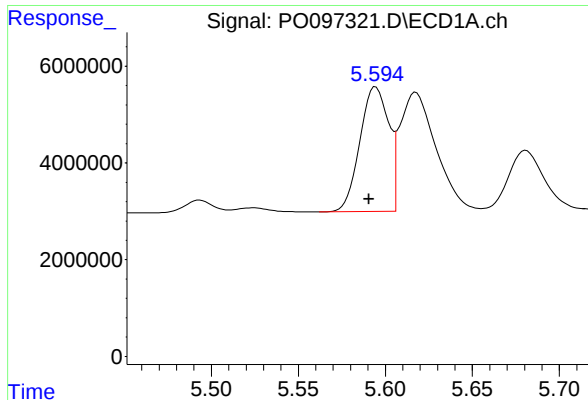
#2 Decachlorobiphenyl

R.T.: 10.344 min
Delta R.T.: 0.004 min
Response: 114835794
Conc: 52.48 ng/ml



#2 Decachlorobiphenyl

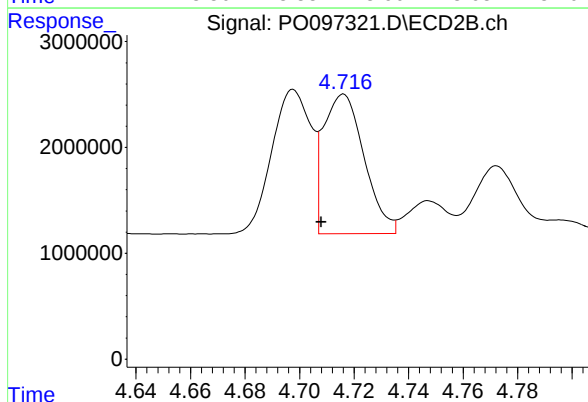
R.T.: 8.626 min
Delta R.T.: -0.019 min
Response: 55113804
Conc: 47.64 ng/ml



#3 AR-1016-1

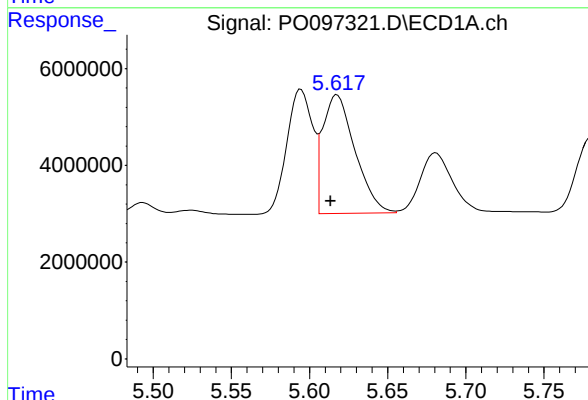
R.T.: 5.595 min
Delta R.T.: 0.004 min
Response: 29700338
Conc: 315.35 ng/ml

Instrument :
ECD_O
ClientSampleId :



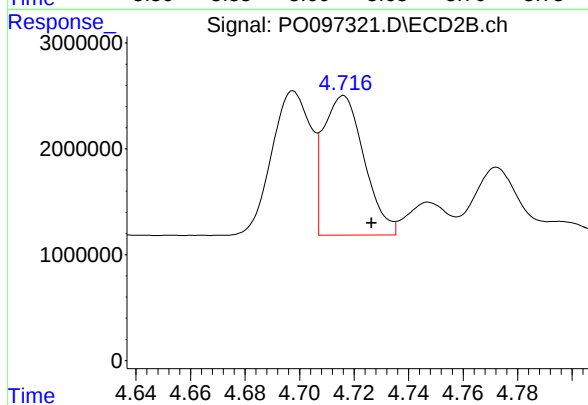
#3 AR-1016-1

R.T.: 4.716 min
Delta R.T.: 0.008 min
Response: 13670378
Conc: 308.34 ng/ml



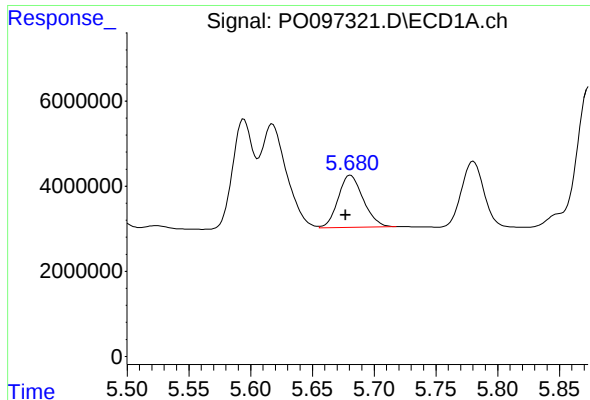
#4 AR-1016-2

R.T.: 5.618 min
Delta R.T.: 0.004 min
Response: 35082569
Conc: 262.25 ng/ml



#4 AR-1016-2

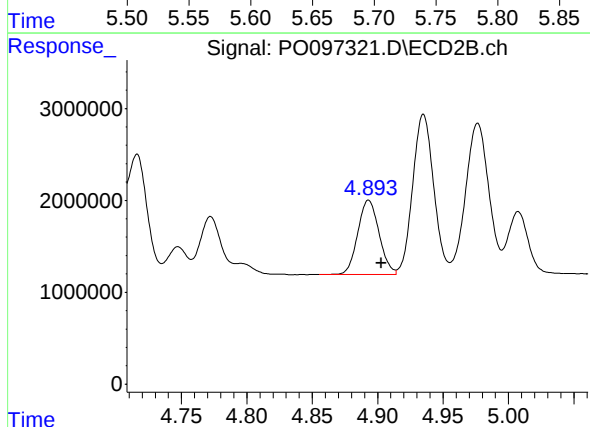
R.T.: 4.716 min
Delta R.T.: -0.010 min
Response: 13670378
Conc: 223.48 ng/ml



#5 AR-1016-3

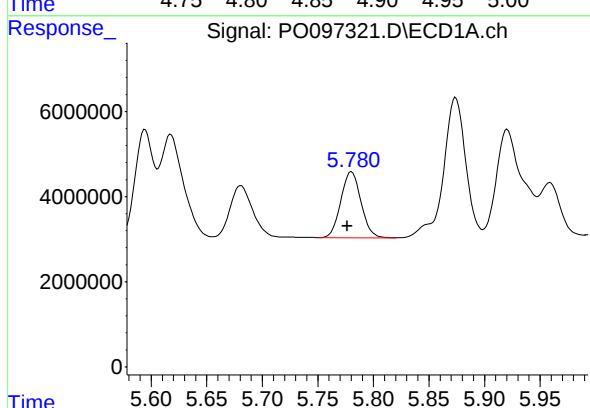
R.T.: 5.681 min
Delta R.T.: 0.004 min
Response: 17245656
Conc: 198.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



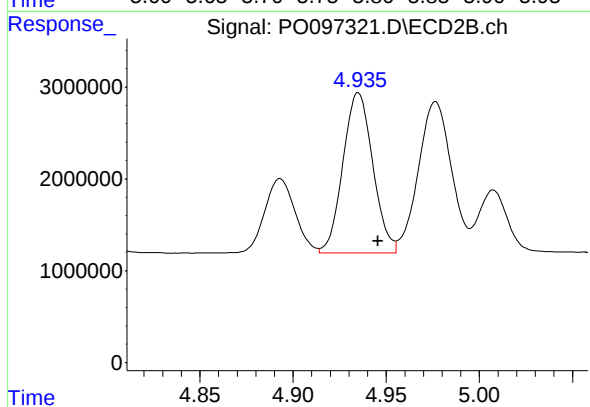
#5 AR-1016-3

R.T.: 4.893 min
Delta R.T.: -0.010 min
Response: 9154668
Conc: 280.23 ng/ml



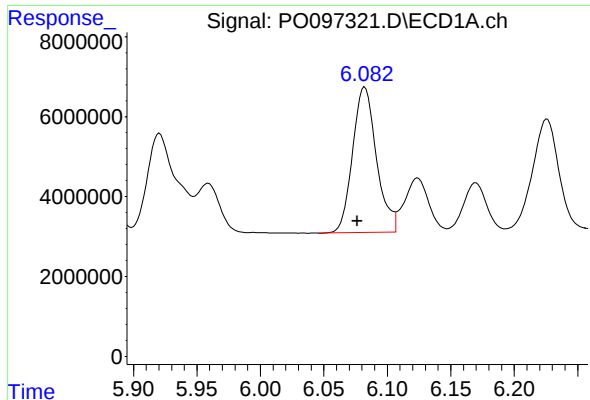
#6 AR-1016-4

R.T.: 5.780 min
Delta R.T.: 0.004 min
Response: 19626031
Conc: 292.18 ng/ml



#6 AR-1016-4

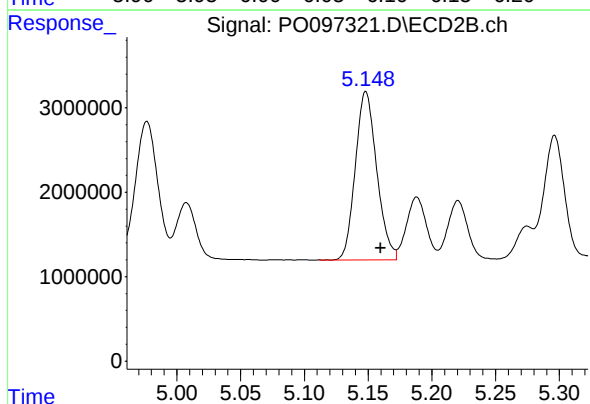
R.T.: 4.935 min
Delta R.T.: -0.011 min
Response: 19485811
Conc: 681.65 ng/ml



#7 AR-1016-5

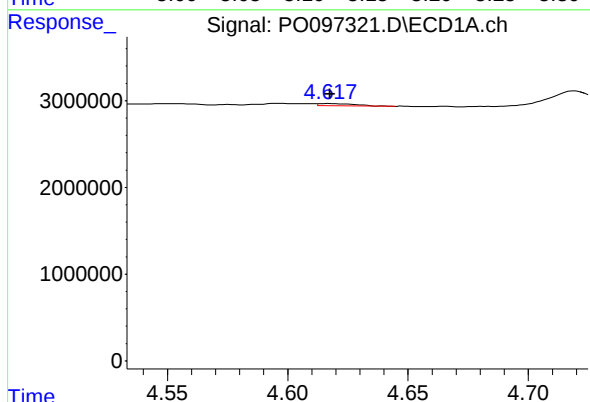
R.T.: 6.082 min
Delta R.T.: 0.006 min
Response: 47626786
Conc: 682.17 ng/ml

Instrument :
ECD_O
ClientSampleId :



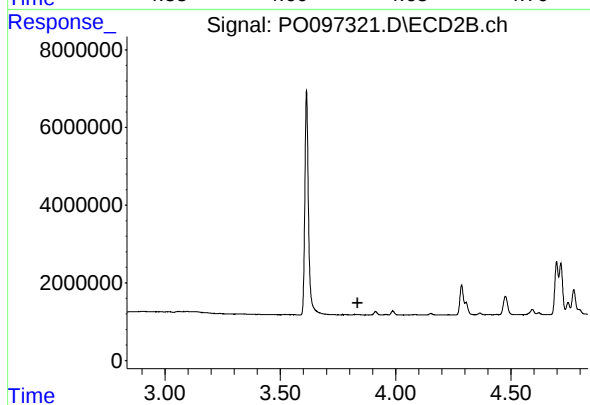
#7 AR-1016-5

R.T.: 5.148 min
Delta R.T.: -0.012 min
Response: 23374031
Conc: 607.96 ng/ml



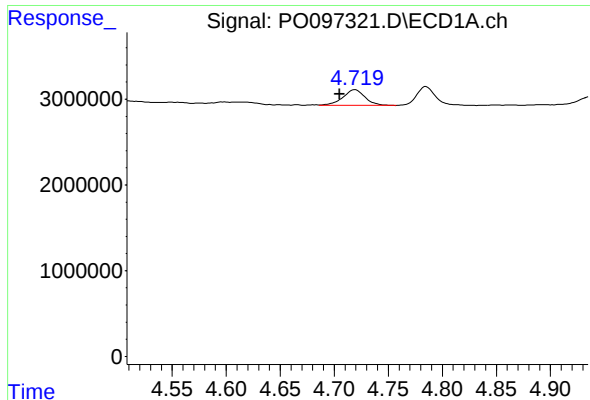
#8 AR-1221-1

R.T.: 4.617 min
Delta R.T.: 0.000 min
Response: 289316
Conc: 7.10 ng/ml



#8 AR-1221-1

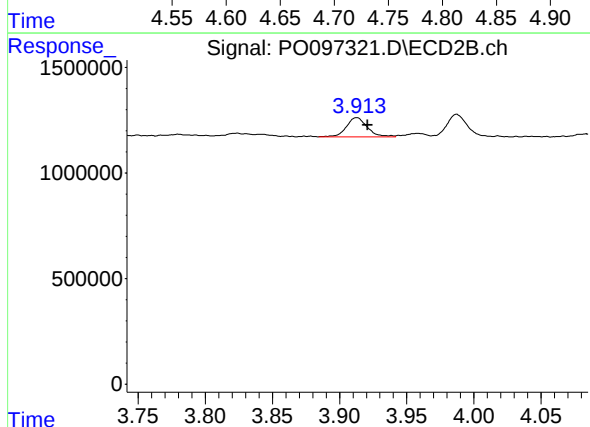
R.T.: 0.000 min
Exp R.T. : 3.835 min
Response: 0
Conc: N.D.



#9 AR-1221-2

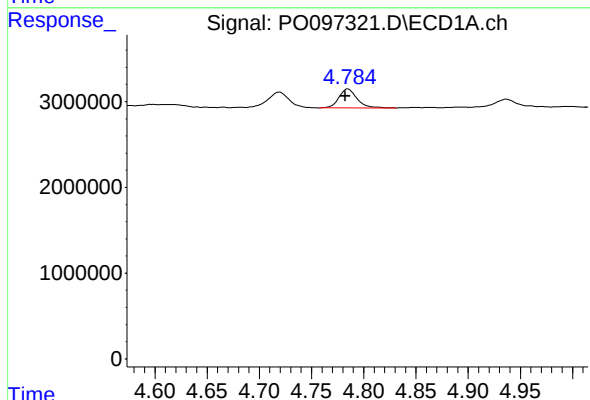
R.T.: 4.719 min
Delta R.T.: 0.014 min
Response: 2629052
Conc: 86.54 ng/ml

Instrument :
ECD_O
ClientSampleId :



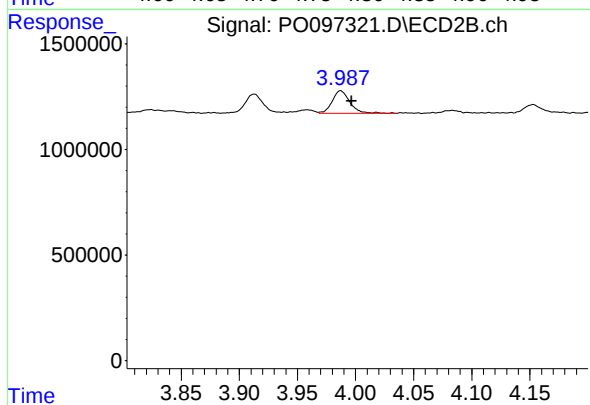
#9 AR-1221-2

R.T.: 3.913 min
Delta R.T.: -0.008 min
Response: 995556
Conc: 77.05 ng/ml



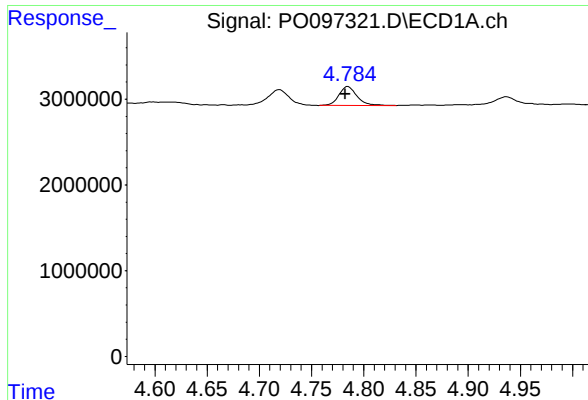
#10 AR-1221-3

R.T.: 4.785 min
Delta R.T.: 0.002 min
Response: 2665348
Conc: 30.45 ng/ml



#10 AR-1221-3

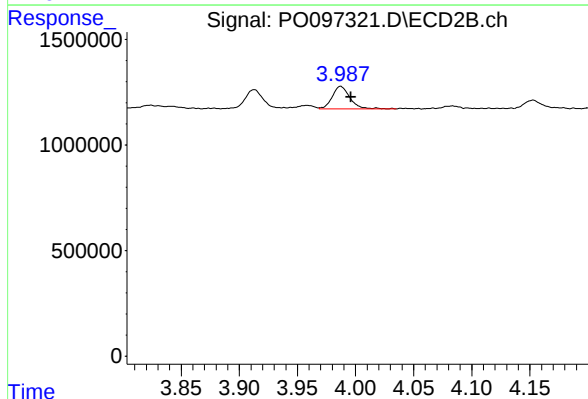
R.T.: 3.987 min
Delta R.T.: -0.009 min
Response: 1135984
Conc: 28.62 ng/ml



#11 AR-1232-1

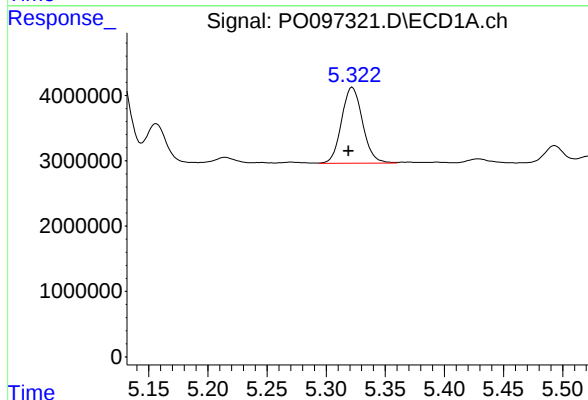
R.T.: 4.785 min
Delta R.T.: 0.002 min
Response: 2665348
Conc: 36.54 ng/ml

Instrument :
ECD_O
ClientSampleId :



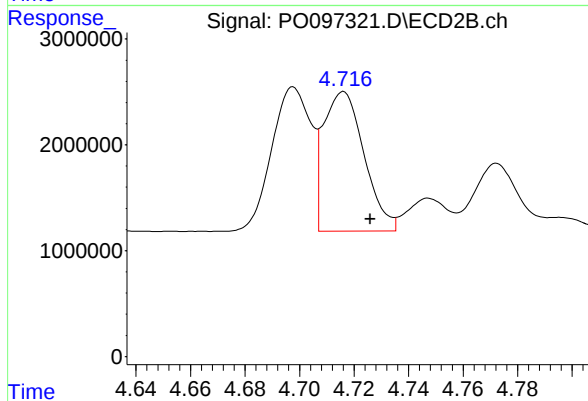
#11 AR-1232-1

R.T.: 3.987 min
Delta R.T.: -0.009 min
Response: 1135984
Conc: 35.12 ng/ml



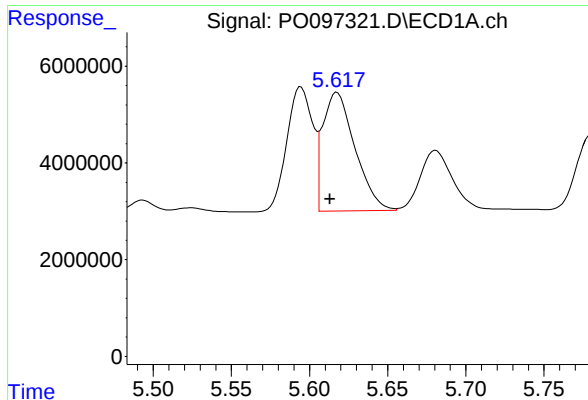
#12 AR-1232-2

R.T.: 5.322 min
Delta R.T.: 0.003 min
Response: 14426875
Conc: 363.89 ng/ml



#12 AR-1232-2

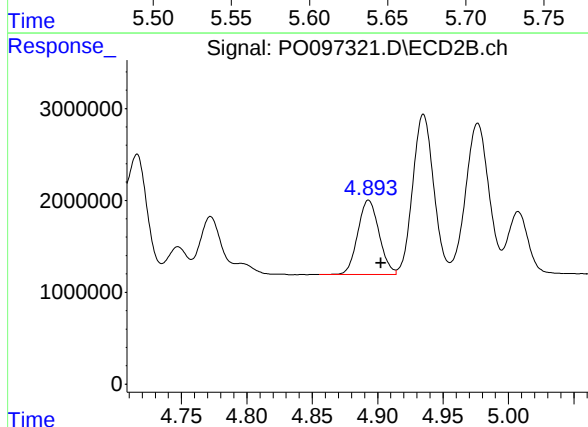
R.T.: 4.716 min
Delta R.T.: -0.010 min
Response: 13670378
Conc: 473.80 ng/ml



#13 AR-1232-3

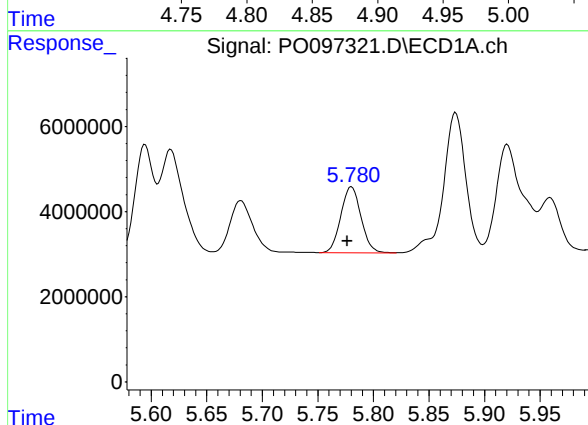
R.T.: 5.618 min
Delta R.T.: 0.005 min
Response: 35082569
Conc: 573.50 ng/ml

Instrument :
ECD_O
ClientSampleId :



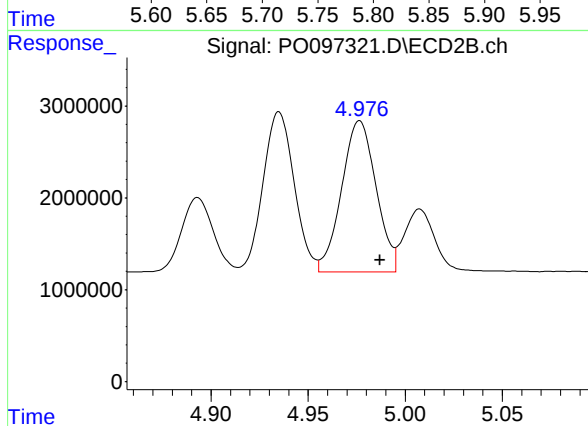
#13 AR-1232-3

R.T.: 4.893 min
Delta R.T.: -0.009 min
Response: 9154668
Conc: 603.80 ng/ml



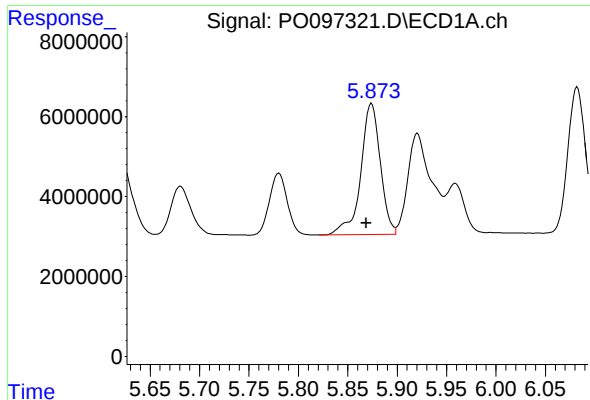
#14 AR-1232-4

R.T.: 5.780 min
Delta R.T.: 0.004 min
Response: 19626031
Conc: 643.18 ng/ml



#14 AR-1232-4

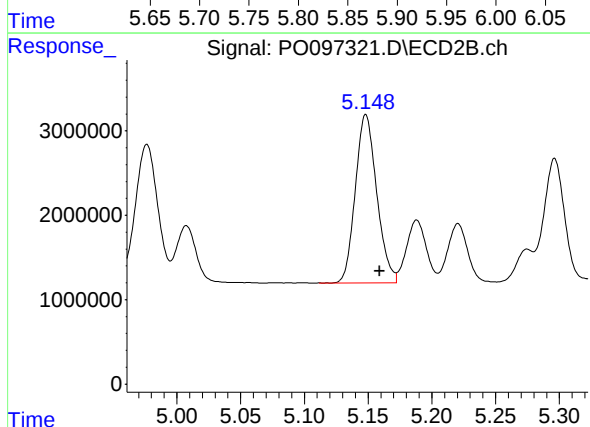
R.T.: 4.977 min
Delta R.T.: -0.010 min
Response: 20322312
Conc: 1359.84 ng/ml



#15 AR-1232-5

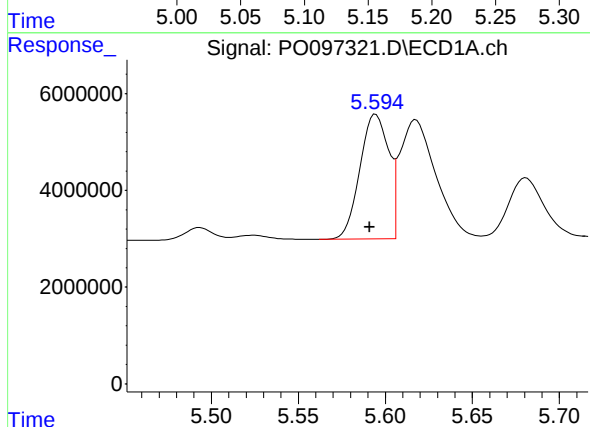
R.T.: 5.874 min
Delta R.T.: 0.005 min
Response: 45195508
Conc: 1615.10 ng/ml

Instrument :
ECD_O
ClientSampleId :



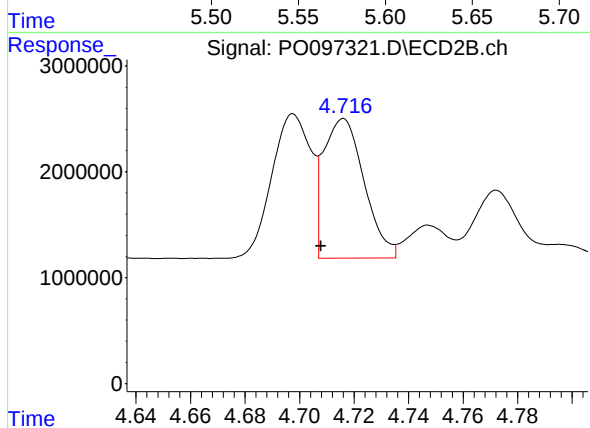
#15 AR-1232-5

R.T.: 5.148 min
Delta R.T.: -0.011 min
Response: 23374031
Conc: 1429.89 ng/ml



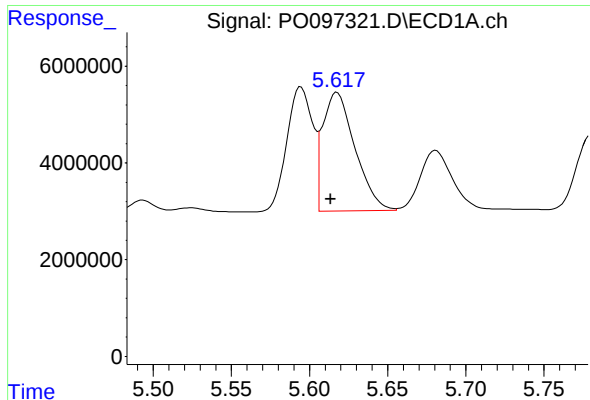
#16 AR-1242-1

R.T.: 5.595 min
Delta R.T.: 0.003 min
Response: 29700338
Conc: 354.35 ng/ml



#16 AR-1242-1

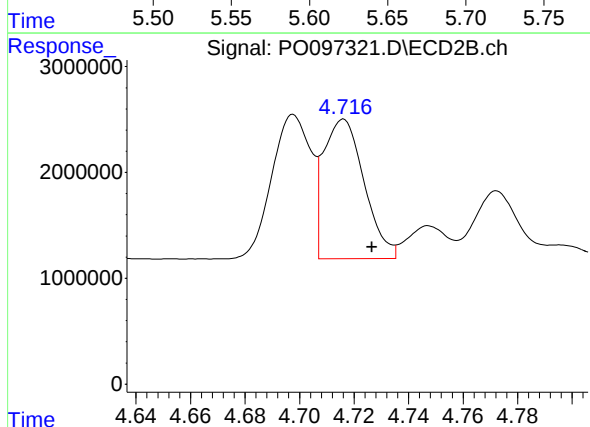
R.T.: 4.716 min
Delta R.T.: 0.008 min
Response: 13670378
Conc: 346.74 ng/ml



#17 AR-1242-2

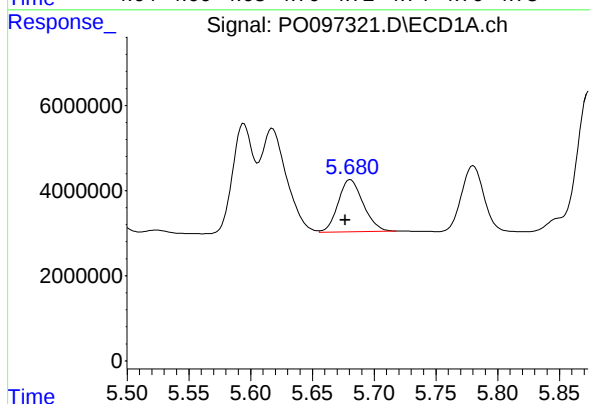
R.T.: 5.618 min
Delta R.T.: 0.004 min
Response: 35082569
Conc: 297.91 ng/ml

Instrument :
ECD_O
ClientSampleId :



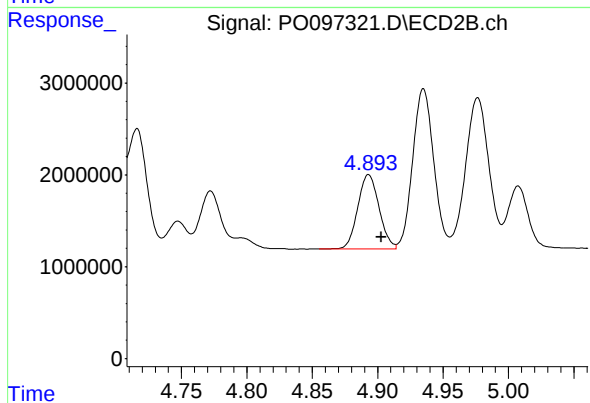
#17 AR-1242-2

R.T.: 4.716 min
Delta R.T.: -0.010 min
Response: 13670378
Conc: 250.87 ng/ml



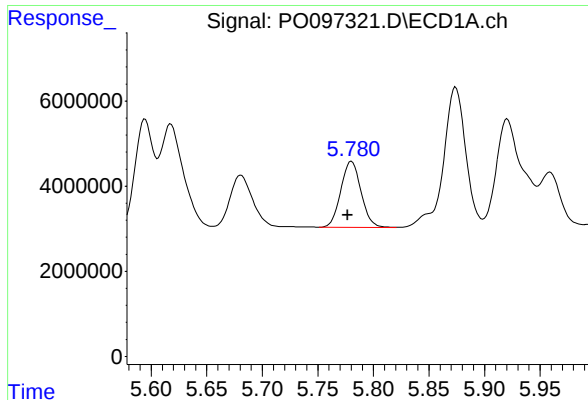
#18 AR-1242-3

R.T.: 5.681 min
Delta R.T.: 0.004 min
Response: 17245656
Conc: 233.45 ng/ml



#18 AR-1242-3

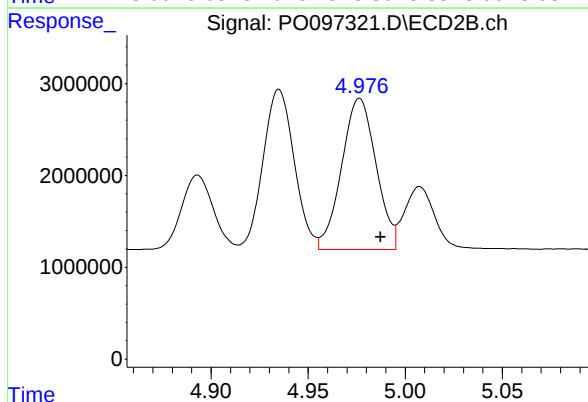
R.T.: 4.893 min
Delta R.T.: -0.010 min
Response: 9154668
Conc: 309.61 ng/ml



#19 AR-1242-4

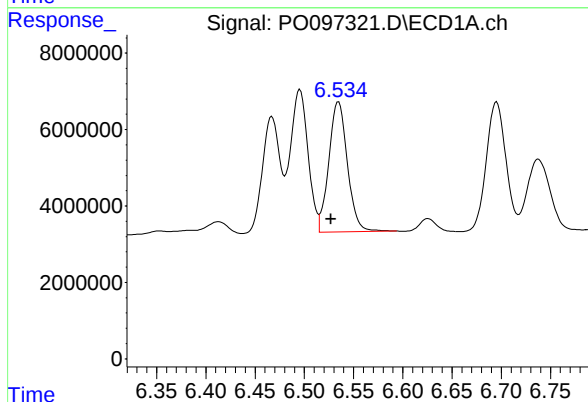
R.T.: 5.780 min
Delta R.T.: 0.004 min
Response: 19626031
Conc: 329.68 ng/ml

Instrument :
ECD_O
ClientSampleId :



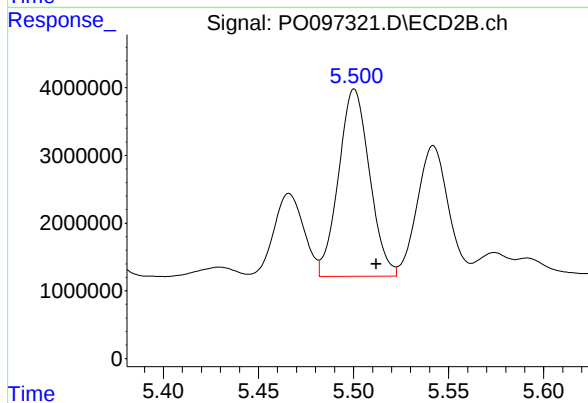
#19 AR-1242-4

R.T.: 4.977 min
Delta R.T.: -0.011 min
Response: 20322312
Conc: 644.87 ng/ml



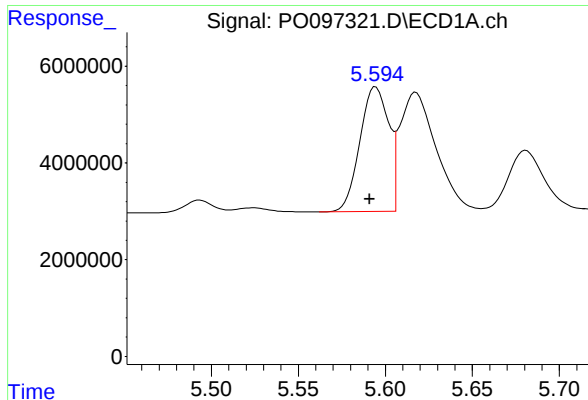
#20 AR-1242-5

R.T.: 6.535 min
Delta R.T.: 0.008 min
Response: 44760478
Conc: 813.54 ng/ml



#20 AR-1242-5

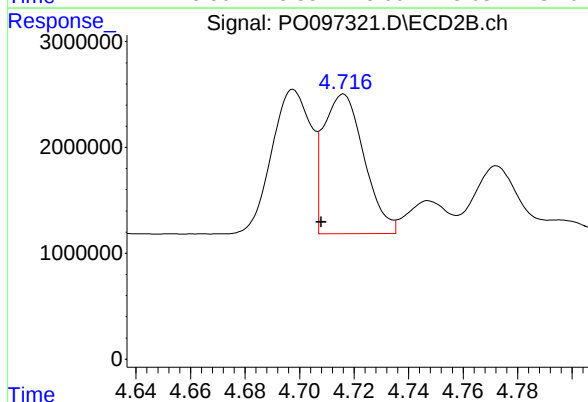
R.T.: 5.500 min
Delta R.T.: -0.011 min
Response: 31349606
Conc: 860.40 ng/ml



#21 AR-1248-1

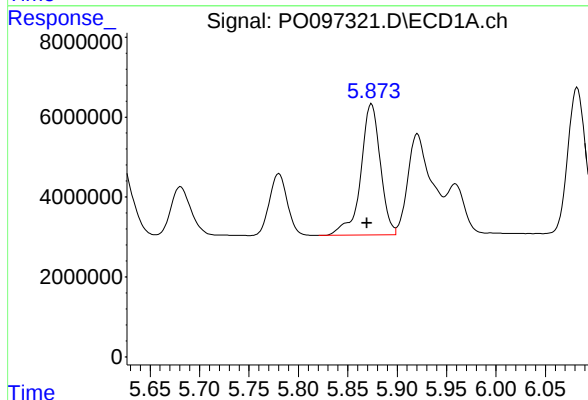
R.T.: 5.595 min
Delta R.T.: 0.003 min
Response: 29700338
Conc: 506.88 ng/ml

Instrument :
ECD_O
ClientSampleId :



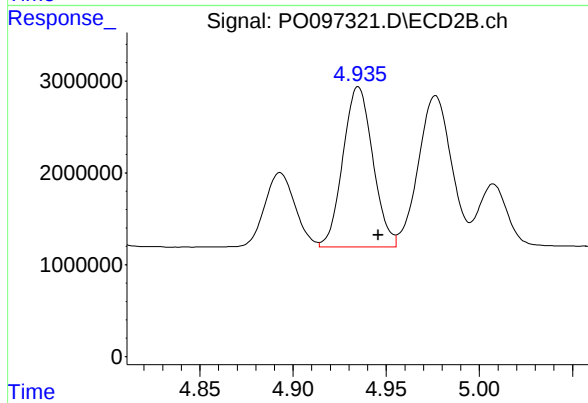
#21 AR-1248-1

R.T.: 4.716 min
Delta R.T.: 0.008 min
Response: 13670378
Conc: 487.14 ng/ml



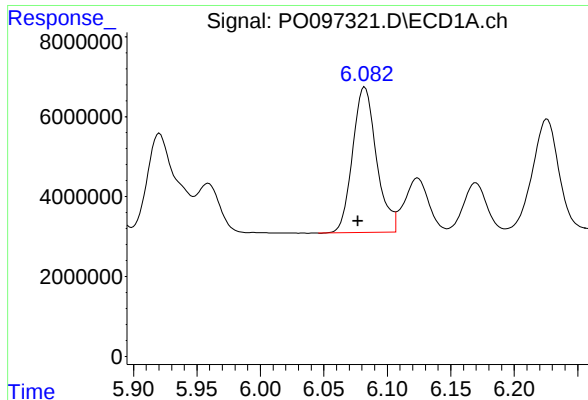
#22 AR-1248-2

R.T.: 5.874 min
Delta R.T.: 0.004 min
Response: 45195508
Conc: 480.71 ng/ml



#22 AR-1248-2

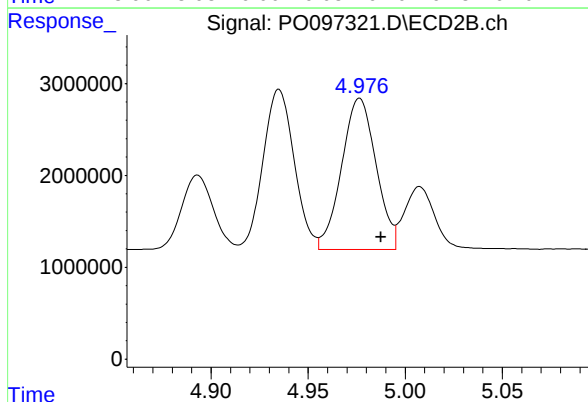
R.T.: 4.935 min
Delta R.T.: -0.011 min
Response: 19485811
Conc: 459.78 ng/ml



#23 AR-1248-3

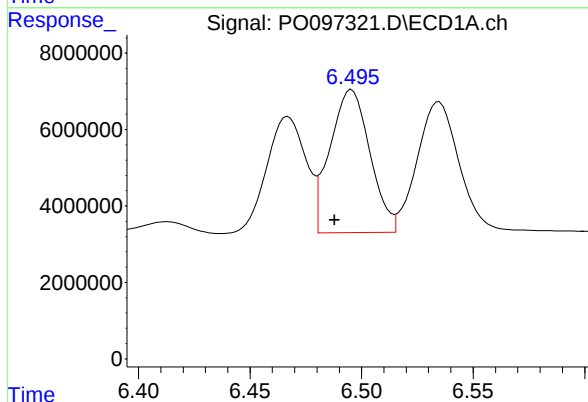
R.T.: 6.082 min
Delta R.T.: 0.005 min
Response: 47626786
Conc: 486.94 ng/ml

Instrument :
ECD_O
ClientSampleId :



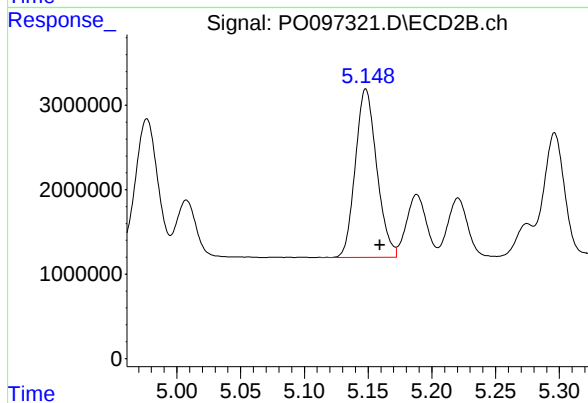
#23 AR-1248-3

R.T.: 4.977 min
Delta R.T.: -0.011 min
Response: 20322312
Conc: 463.29 ng/ml



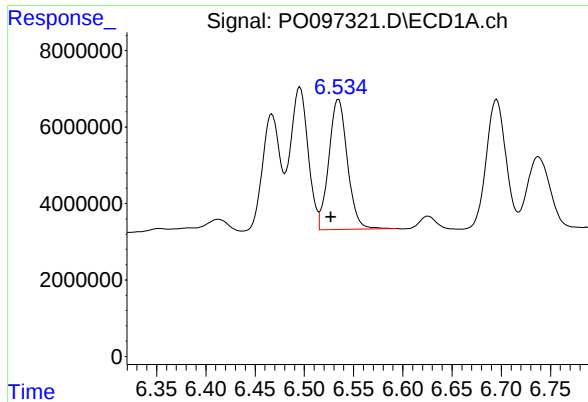
#24 AR-1248-4

R.T.: 6.496 min
Delta R.T.: 0.008 min
Response: 46813337
Conc: 515.32 ng/ml



#24 AR-1248-4

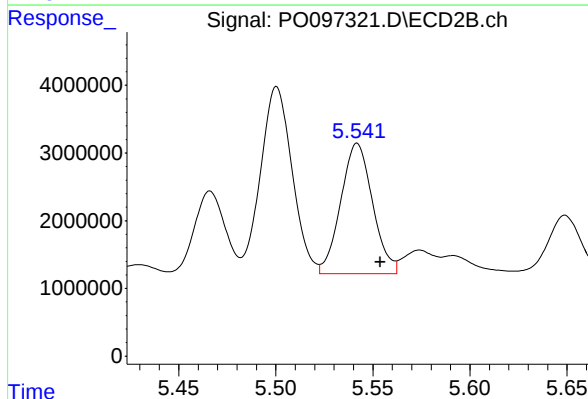
R.T.: 5.148 min
Delta R.T.: -0.011 min
Response: 23374031
Conc: 457.87 ng/ml



#25 AR-1248-5

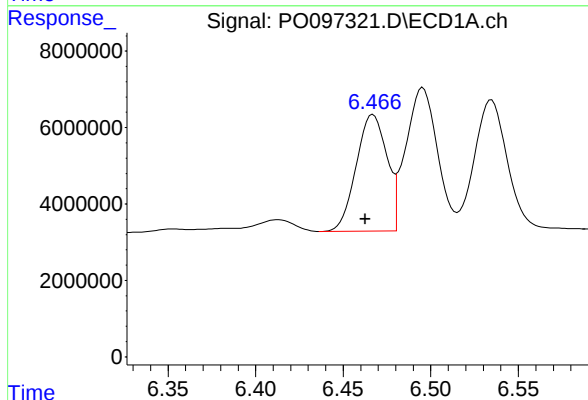
R.T.: 6.535 min
Delta R.T.: 0.008 min
Response: 44760478
Conc: 508.15 ng/ml

Instrument :
ECD_O
ClientSampleId :



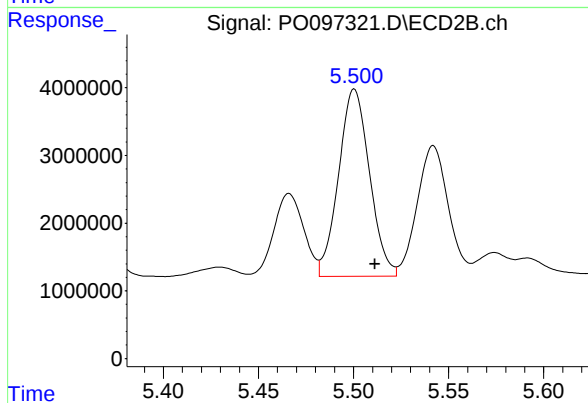
#25 AR-1248-5

R.T.: 5.542 min
Delta R.T.: -0.012 min
Response: 21995000
Conc: 470.46 ng/ml



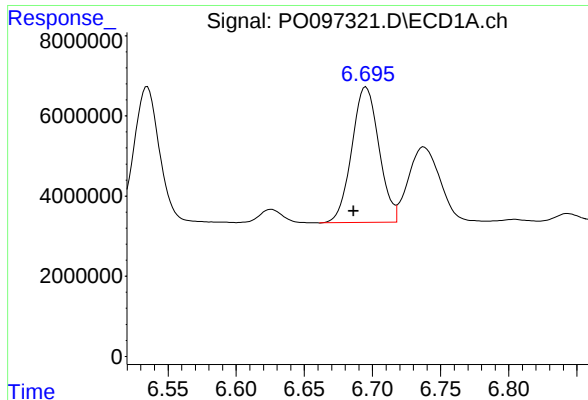
#26 AR-1254-1

R.T.: 6.467 min
Delta R.T.: 0.005 min
Response: 37314322
Conc: 341.42 ng/ml



#26 AR-1254-1

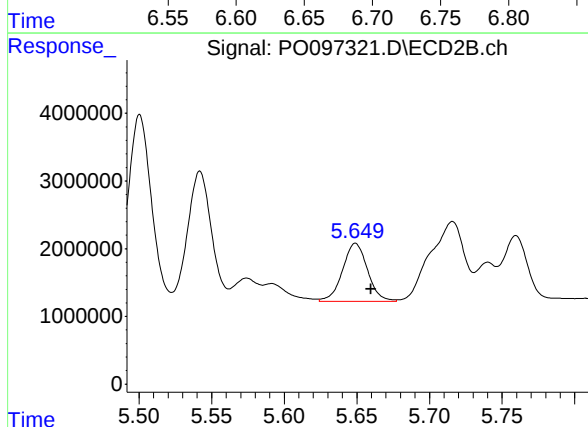
R.T.: 5.500 min
Delta R.T.: -0.011 min
Response: 31349606
Conc: 424.81 ng/ml



#27 AR-1254-2

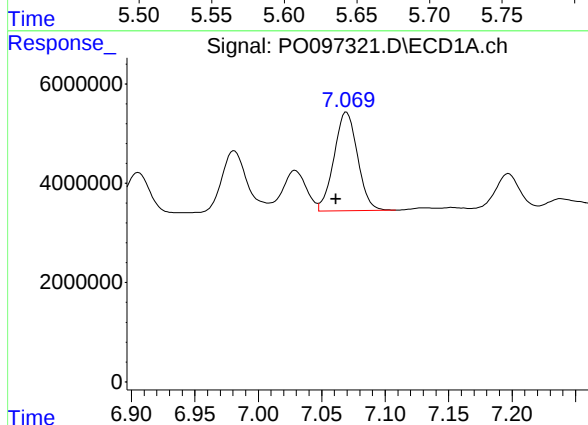
R.T.: 6.695 min
Delta R.T.: 0.009 min
Response: 46928623
Conc: 291.07 ng/ml

Instrument :
ECD_O
ClientSampleId :



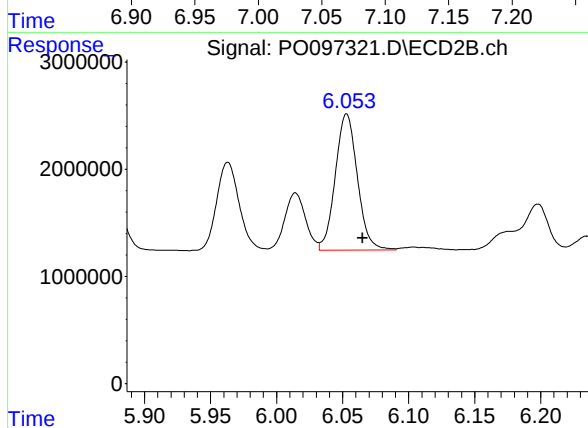
#27 AR-1254-2

R.T.: 5.649 min
Delta R.T.: -0.011 min
Response: 10266724
Conc: 155.84 ng/ml



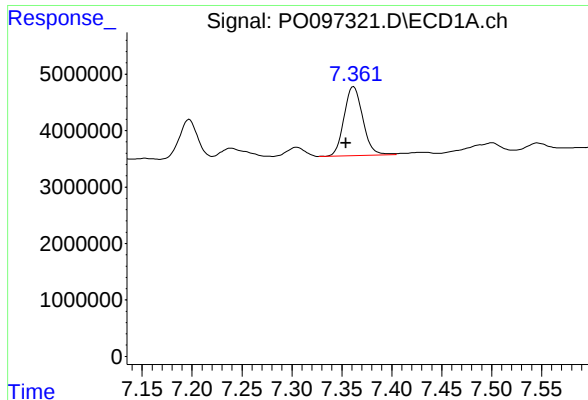
#28 AR-1254-3

R.T.: 7.070 min
Delta R.T.: 0.008 min
Response: 25642939
Conc: 163.65 ng/ml



#28 AR-1254-3

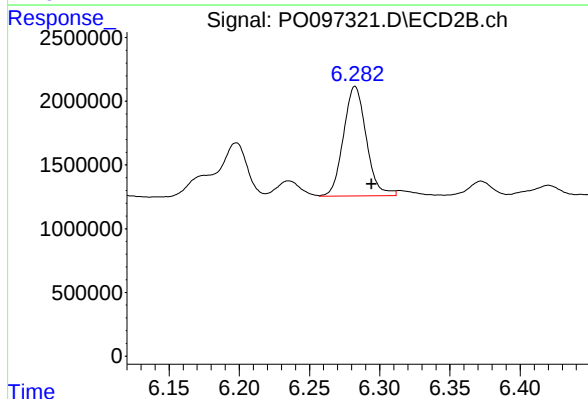
R.T.: 6.053 min
Delta R.T.: -0.012 min
Response: 14870922
Conc: 147.15 ng/ml



#29 AR-1254-4

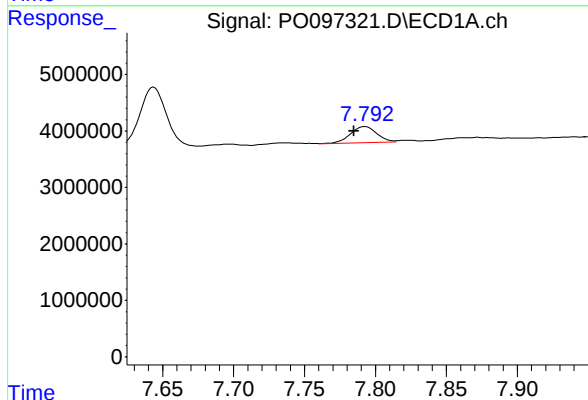
R.T.: 7.362 min
Delta R.T.: 0.008 min
Response: 15871938
Conc: 157.43 ng/ml

Instrument :
ECD_O
ClientSampleId :



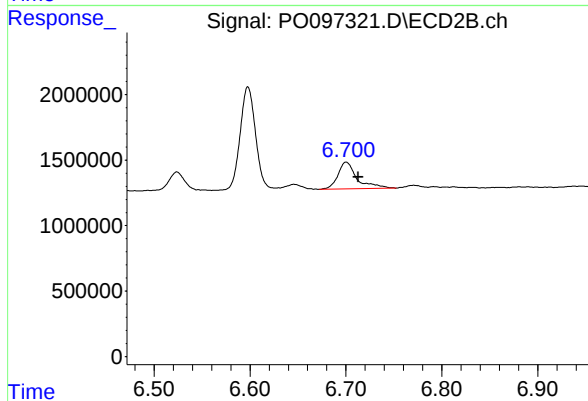
#29 AR-1254-4

R.T.: 6.282 min
Delta R.T.: -0.012 min
Response: 9722880
Conc: 168.00 ng/ml



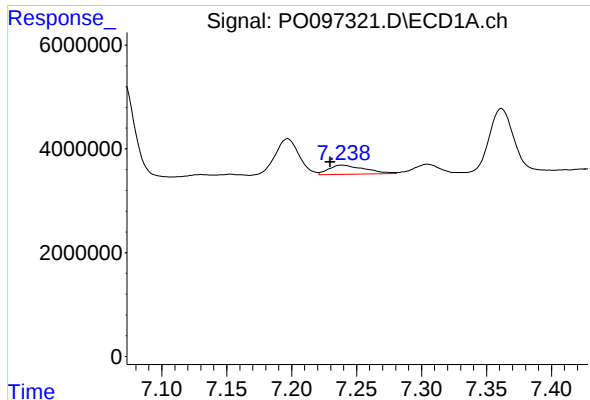
#30 AR-1254-5

R.T.: 7.793 min
Delta R.T.: 0.008 min
Response: 3645759
Conc: 32.49 ng/ml



#30 AR-1254-5

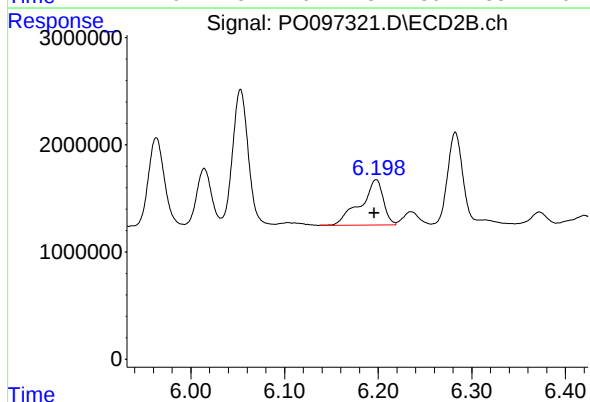
R.T.: 6.700 min
Delta R.T.: -0.013 min
Response: 2867437
Conc: 32.62 ng/ml



#31 AR-1260-1

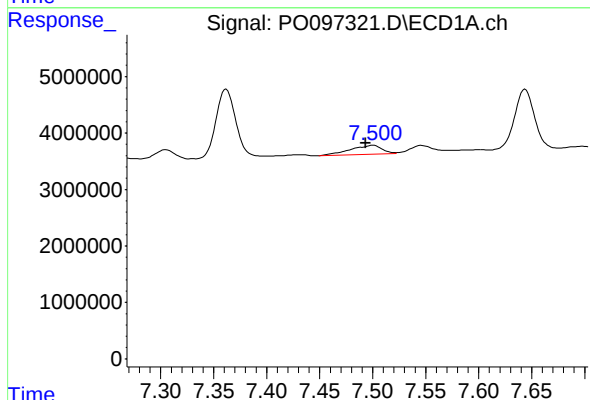
R.T.: 7.239 min
Delta R.T.: 0.009 min
Response: 3424777
Conc: 27.25 ng/ml

Instrument :
ECD_O
ClientSampleId :



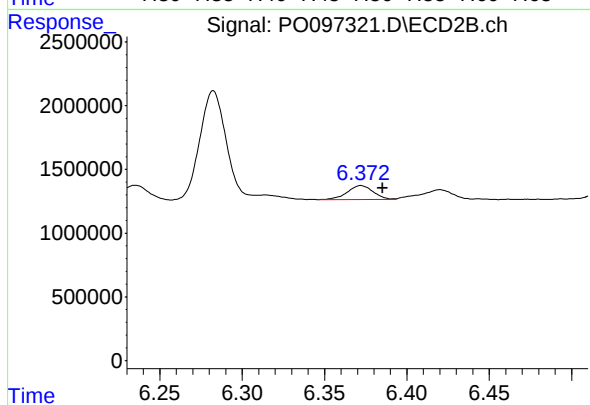
#31 AR-1260-1

R.T.: 6.198 min
Delta R.T.: 0.002 min
Response: 7154246
Conc: 101.67 ng/ml



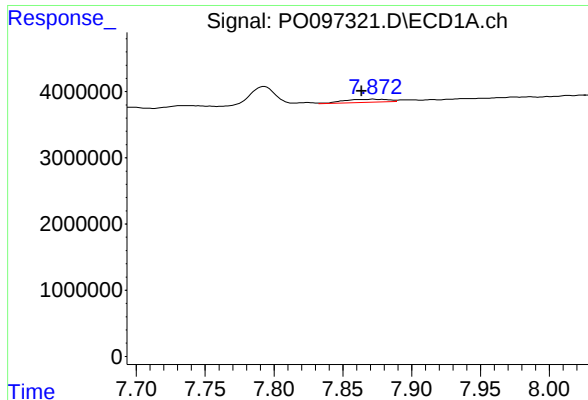
#32 AR-1260-2

R.T.: 7.501 min
Delta R.T.: 0.008 min
Response: 3324117
Conc: 24.67 ng/ml



#32 AR-1260-2

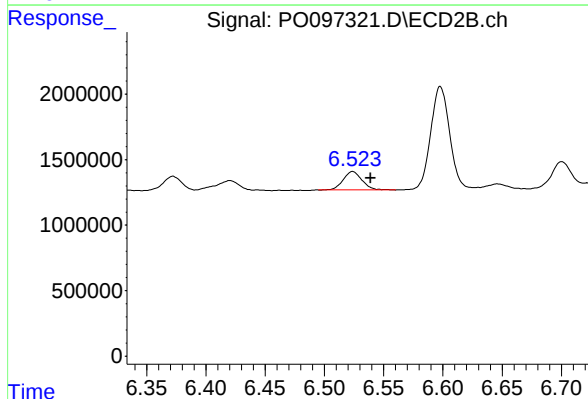
R.T.: 6.372 min
Delta R.T.: -0.013 min
Response: 1214715
Conc: 14.55 ng/ml



#33 AR-1260-3

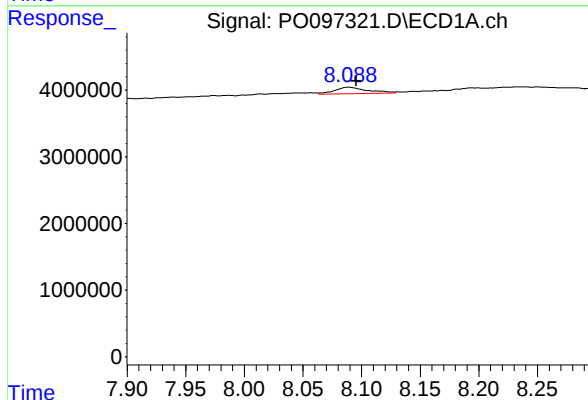
R.T.: 7.872 min
Delta R.T.: 0.009 min
Response: 966016
Conc: 9.31 ng/ml

Instrument :
ECD_O
ClientSampleId :



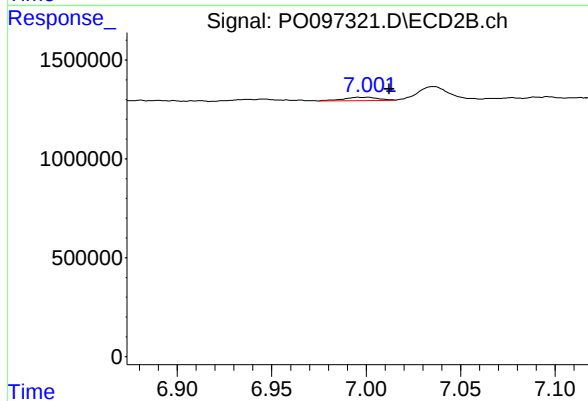
#33 AR-1260-3

R.T.: 6.524 min
Delta R.T.: -0.015 min
Response: 1569708
Conc: 20.33 ng/ml



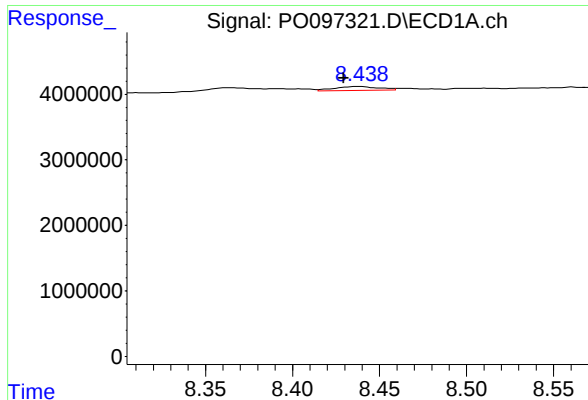
#34 AR-1260-4

R.T.: 8.089 min
Delta R.T.: -0.006 min
Response: 1887587
Conc: 16.88 ng/ml



#34 AR-1260-4

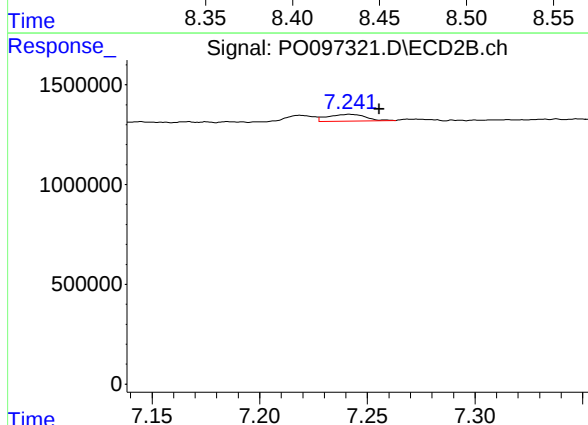
R.T.: 7.001 min
Delta R.T.: -0.012 min
Response: 225912
Conc: 3.53 ng/ml



#35 AR-1260-5

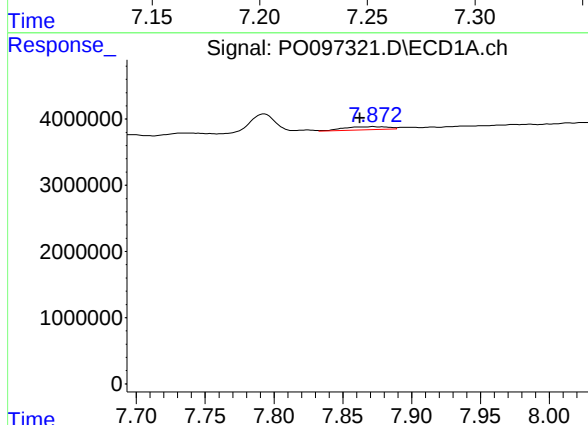
R.T.: 8.439 min
Delta R.T.: 0.009 min
Response: 1107164
Conc: 5.27 ng/ml

Instrument :
ECD_O
ClientSampleId :



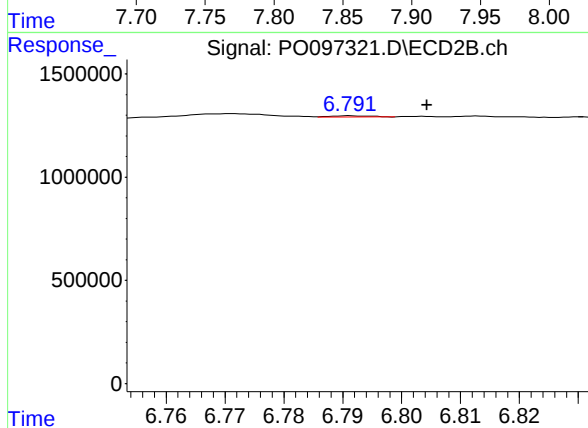
#35 AR-1260-5

R.T.: 7.242 min
Delta R.T.: -0.014 min
Response: 411896
Conc: 2.97 ng/ml



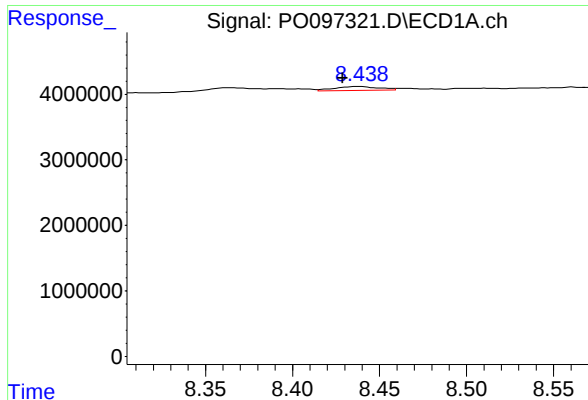
#36 AR-1262-1

R.T.: 7.872 min
Delta R.T.: 0.010 min
Response: 966016
Conc: 6.50 ng/ml



#36 AR-1262-1

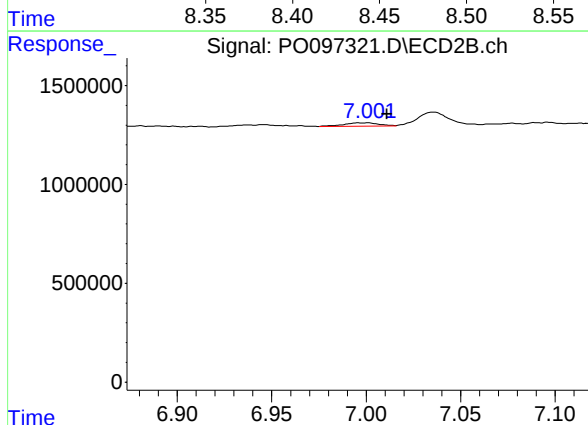
R.T.: 6.791 min
Delta R.T.: -0.013 min
Response: 30722
Conc: 0.78 ng/ml



#37 AR-1262-2

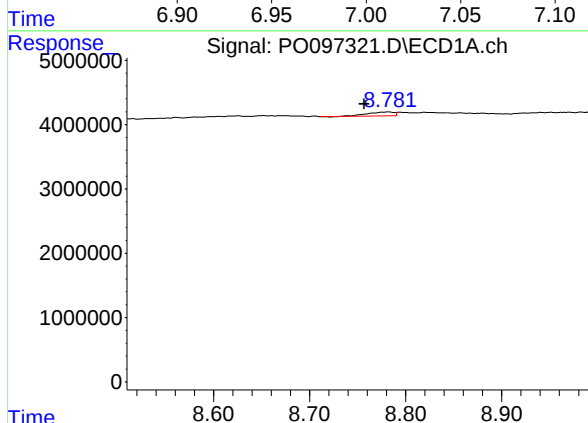
R.T.: 8.439 min
Delta R.T.: 0.010 min
Response: 1107164
Conc: 4.78 ng/ml

Instrument :
ECD_O
ClientSampleId :



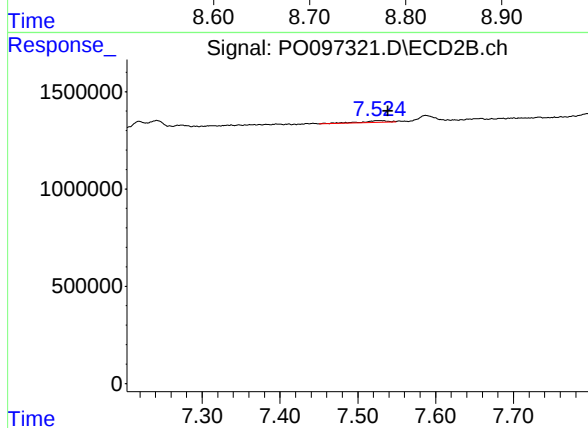
#37 AR-1262-2

R.T.: 7.001 min
Delta R.T.: -0.010 min
Response: 225912
Conc: 2.79 ng/ml



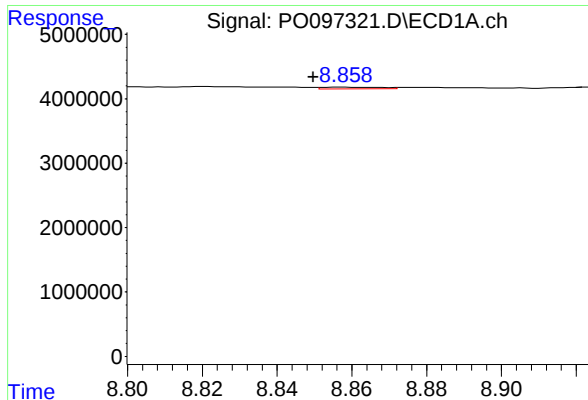
#38 AR-1262-3

R.T.: 8.782 min
Delta R.T.: 0.025 min
Response: 1098449
Conc: 6.59 ng/ml



#38 AR-1262-3

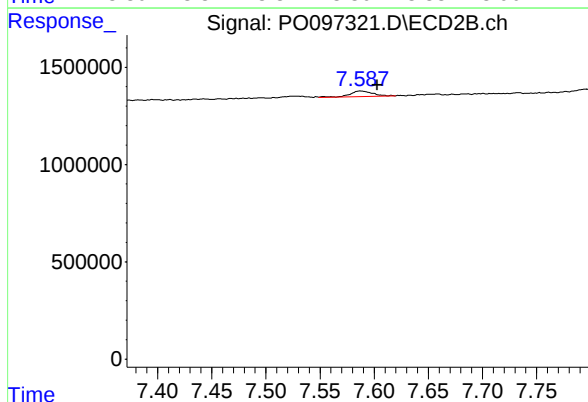
R.T.: 7.525 min
Delta R.T.: -0.013 min
Response: 216312
Conc: 3.37 ng/ml



#39 AR-1262-4

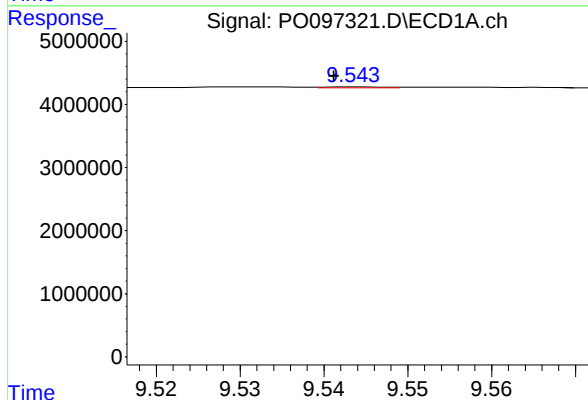
R.T.: 8.858 min
Delta R.T.: 0.008 min
Response: 309730
Conc: 4.25 ng/ml

Instrument :
ECD_O
ClientSampleId :



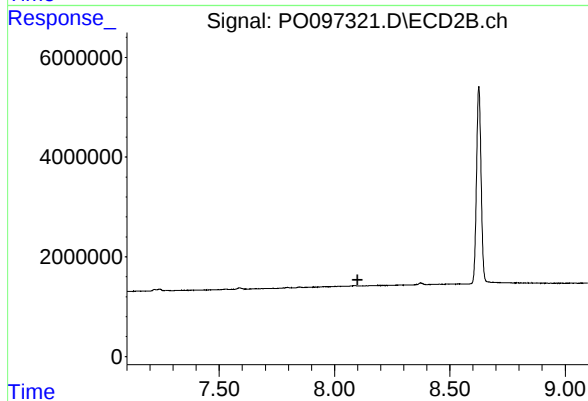
#39 AR-1262-4

R.T.: 7.587 min
Delta R.T.: -0.016 min
Response: 424016
Conc: 3.73 ng/ml



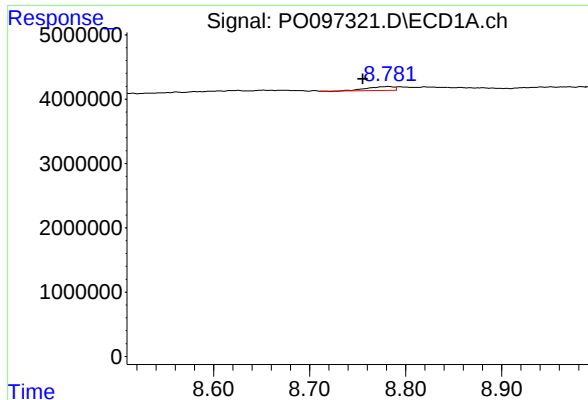
#40 AR-1262-5

R.T.: 9.544 min
Delta R.T.: 0.003 min
Response: 70630
Conc: 0.85 ng/ml



#40 AR-1262-5

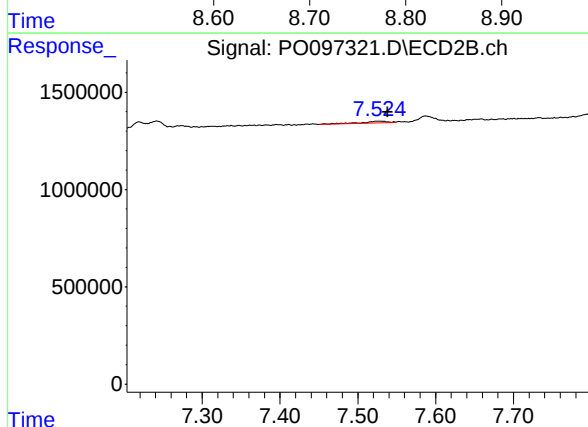
R.T.: 0.000 min
Exp R.T. : 8.099 min
Response: 0
Conc: N.D.



#41 AR-1268-1

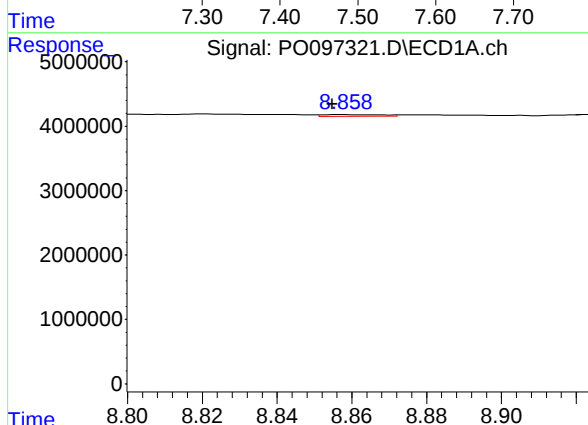
R.T.: 8.782 min
Delta R.T.: 0.026 min
Response: 1098449
Conc: 3.57 ng/ml

Instrument :
ECD_O
ClientSampleId :



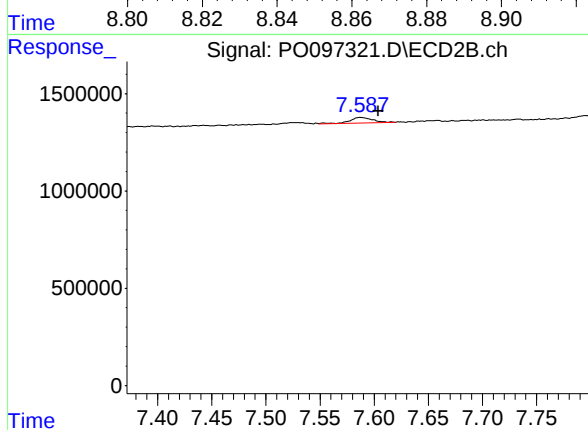
#41 AR-1268-1

R.T.: 7.525 min
Delta R.T.: -0.013 min
Response: 216312
Conc: 1.17 ng/ml



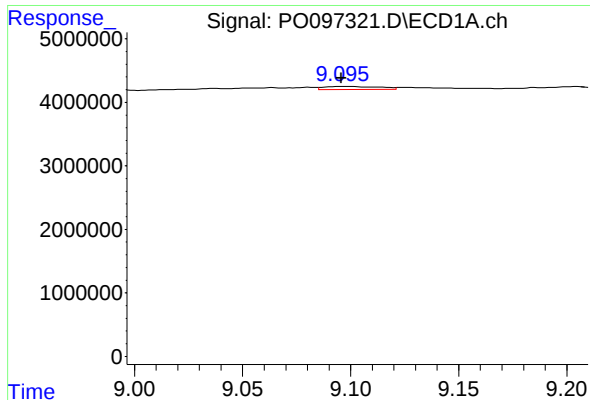
#42 AR-1268-2

R.T.: 8.858 min
Delta R.T.: 0.003 min
Response: 309730
Conc: 1.13 ng/ml



#42 AR-1268-2

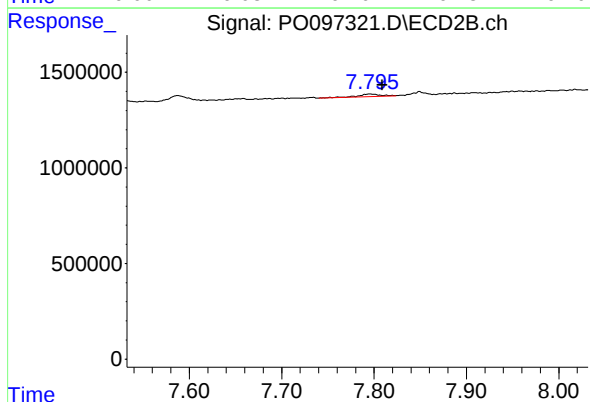
R.T.: 7.587 min
Delta R.T.: -0.016 min
Response: 424016
Conc: 2.53 ng/ml



#43 AR-1268-3

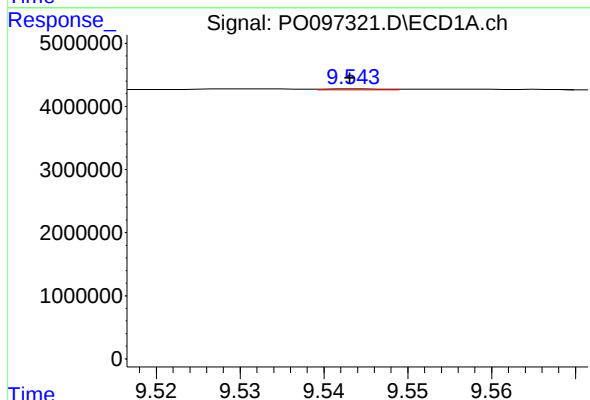
R.T.: 9.097 min
Delta R.T.: 0.001 min
Response: 914379
Conc: 3.58 ng/ml

Instrument :
ECD_O
ClientSampleId :



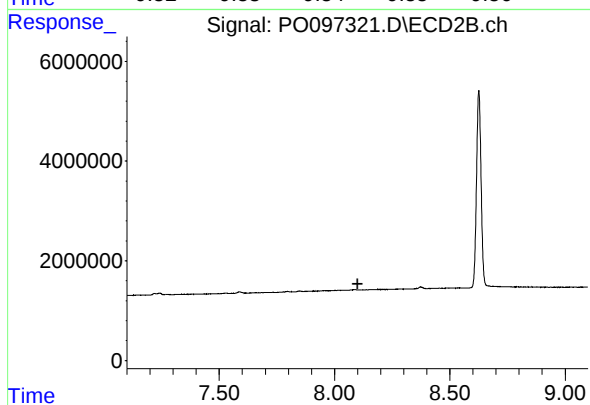
#43 AR-1268-3

R.T.: 7.795 min
Delta R.T.: -0.014 min
Response: 220677
Conc: 1.53 ng/ml



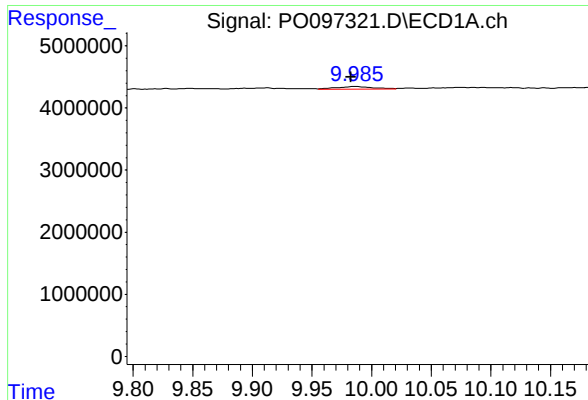
#44 AR-1268-4

R.T.: 9.544 min
Delta R.T.: 0.000 min
Response: 70630
Conc: 0.76 ng/ml



#44 AR-1268-4

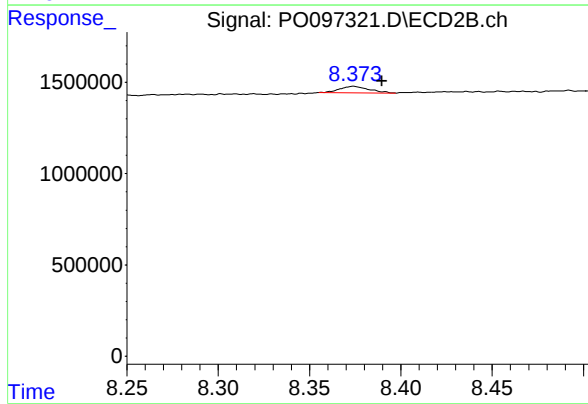
R.T.: 0.000 min
Exp R.T. : 8.100 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.986 min
Delta R.T.: 0.003 min
Response: 855411
Conc: 1.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.374 min
Delta R.T.: -0.016 min
Response: 390727
Conc: 0.94 ng/ml