

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0082923\
 Data File : P0097495.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Aug 2023 17:44
 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: Aug 29 18:29:30 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0082823.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Aug 29 10:29:21 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...	4.448	3.630	166.0E6	35593083	49.742	52.759
2)	SA Decachlor...	10.303	8.677	91187514	31012973	49.684	54.026
Target Compounds							
3)	L1 AR-1016-1	5.625	4.722	41003657	10330410	455.554	474.554
4)	L1 AR-1016-2	5.647	4.741	61107267	14374541	440.391	476.379
5)	L1 AR-1016-3	5.711	4.918	39759156	7625038	438.514	472.040
6)	L1 AR-1016-4	5.809	4.961	30795930	6310378	444.163	439.771
7)	L1 AR-1016-5	6.108	5.176	31224575	8607518	439.602	470.659
8)	L2 AR-1221-1	4.654	3.845	5794565	1208604	143.978	147.639
9)	L2 AR-1221-2	4.746	3.931	8136424	1553697	270.679	268.076
10)	L2 AR-1221-3	4.822	4.008	26177768	5501977	293.864	299.215
11)	L3 AR-1232-1	4.822	4.008	26177768	5501977	354.927	365.188
12)	L3 AR-1232-2	5.355	4.741	34199796	14374541	892.446	1029.678
13)	L3 AR-1232-3	5.647	4.918	61107267	7625038	944.819	1085.643
14)	L3 AR-1232-4	5.809	5.003	30795930	8096108	966.785	1145.043
15)	L3 AR-1232-5	5.902	5.176	28316910	8607518	962.366	1093.552
16)	L4 AR-1242-1	5.625	4.722	41003657	10330410	506.276	535.527
17)	L4 AR-1242-2	5.647	4.741	61107267	14374541	489.300	528.095
18)	L4 AR-1242-3	5.711	4.918	39759156	7625038	483.574	531.336
19)	L4 AR-1242-4	5.809	5.003	30795930	8096108	490.579	511.169
20)	L4 AR-1242-5	6.554	5.529	30994322	9484576	492.789	537.424
21)	L5 AR-1248-1	5.625	4.722	41003657	10330410	695.233	751.754
22)	L5 AR-1248-2	5.902	4.961	28316910	6310378	286.306	284.585
23)	L5 AR-1248-3	6.108	5.003	31224575	8096108	301.377	352.118
24)	L5 AR-1248-4	6.515	5.176	26558641	8607518	290.325	317.189
25)	L5 AR-1248-5	6.554	5.571	30994322	7724769	305.309	341.687
26)	L6 AR-1254-1	6.487	5.529	19792293	9484576	180.025	245.744 #
27)	L6 AR-1254-2	6.712	5.679	24118561	2458193	148.003	72.171 #
28)	L6 AR-1254-3	7.078	6.085	11762420	3032036	72.226	57.144
29)	L6 AR-1254-4	7.366	6.314	8905486	2106978	91.367	77.268
30)	L6 AR-1254-5	7.791	6.735	2179028	803453	19.297	18.223
31)	L7 AR-1260-1	7.245	6.201	822878	579155	6.447	15.506 #
32)	L7 AR-1260-2	7.503	6.405	1156446	312357	8.487	7.382
33)	L7 AR-1260-3	7.861	6.559	200402	840315	1.896	20.075 #
34)	L7 AR-1260-4	8.082	7.031	1171422	31790	10.355	0.983 #
35)	L7 AR-1260-5	8.430	7.273	129058	43447	0.687	0.658
36)	L8 AR-1262-1	7.861	6.840	200402	33503	1.332	1.669 #
37)	L8 AR-1262-2	8.430	7.031	129058	31790	0.589	0.728
38)	L8 AR-1262-3	8.741	7.565	55577	54731	0.358	1.756 #
39)	L8 AR-1262-4	8.840	7.624	103763	80681	0.832	1.434 #
40)	L8 AR-1262-5	9.519	8.121	24529	52680	0.357	2.239 #
41)	L9 AR-1268-1	8.741	7.557	55577	95704	0.196	1.000 #

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Integration File signal 1: autoint1.e
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 Quant Time: Aug 29 18:29:30 2023
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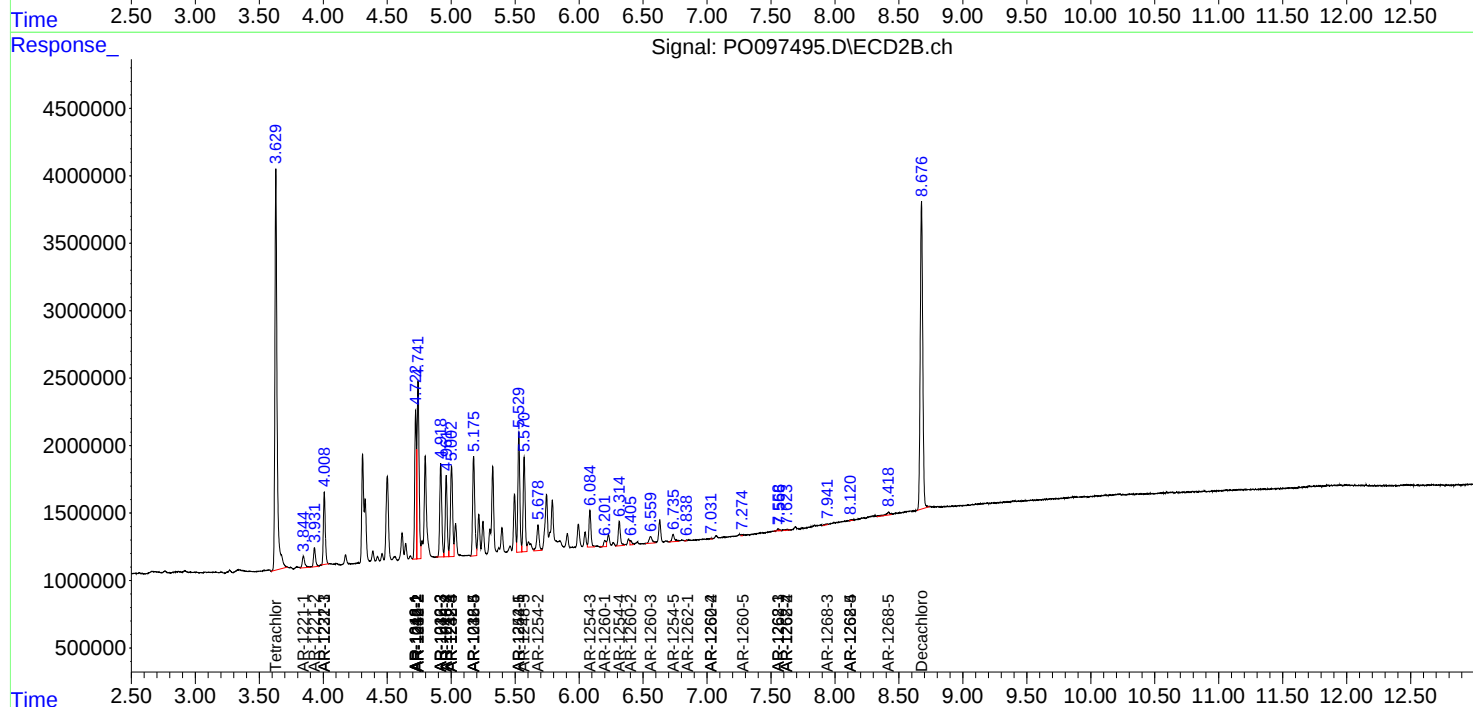
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

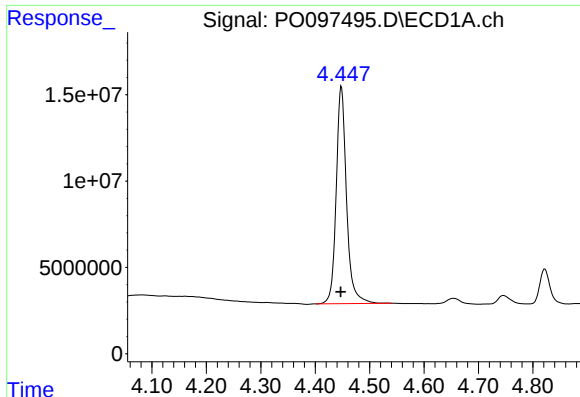
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.840	7.624	103763	80681	0.408	0.973 #
43) L9	AR-1268-3	9.080	7.941	267574	86282	1.186	4.355 #
44) L9	AR-1268-4	9.519	8.121	24529	52680	0.319	2.038 #
45) L9	AR-1268-5	9.948	8.420	469427	475068	0.680	2.084 #

(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

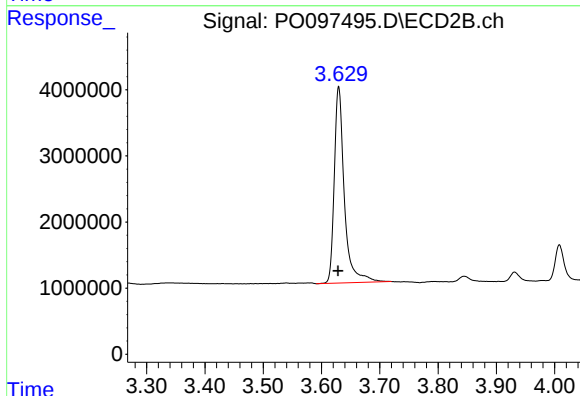




#1 Tetrachloro-m-xylene

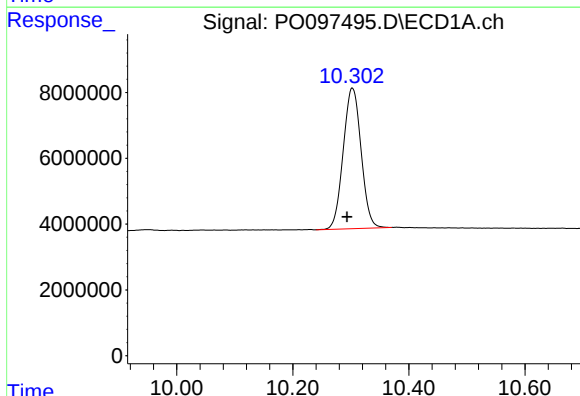
R.T.: 4.448 min
Delta R.T.: 0.001 min
Response: 166019138
Conc: 49.74 ng/ml

Instrument :
ECD_O
ClientSampleId :



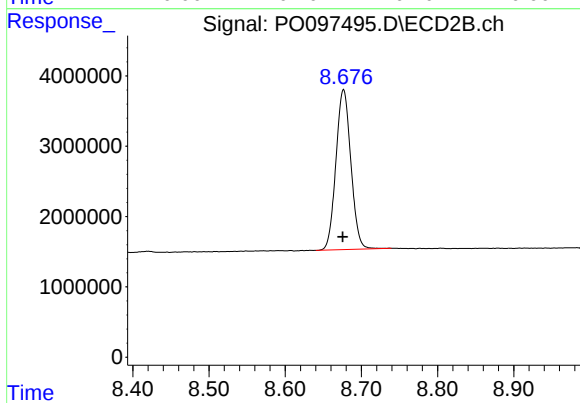
#1 Tetrachloro-m-xylene

R.T.: 3.630 min
Delta R.T.: 0.001 min
Response: 35593083
Conc: 52.76 ng/ml



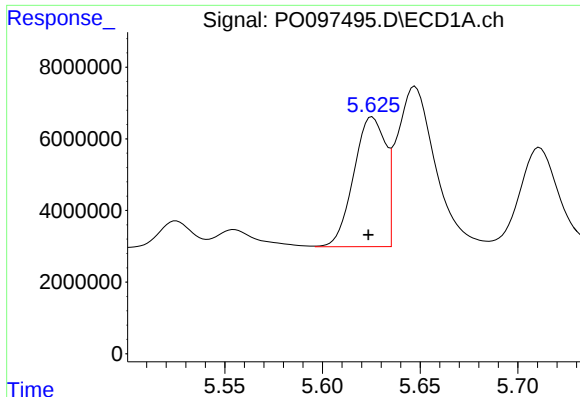
#2 Decachlorobiphenyl

R.T.: 10.303 min
Delta R.T.: 0.009 min
Response: 91187514
Conc: 49.68 ng/ml



#2 Decachlorobiphenyl

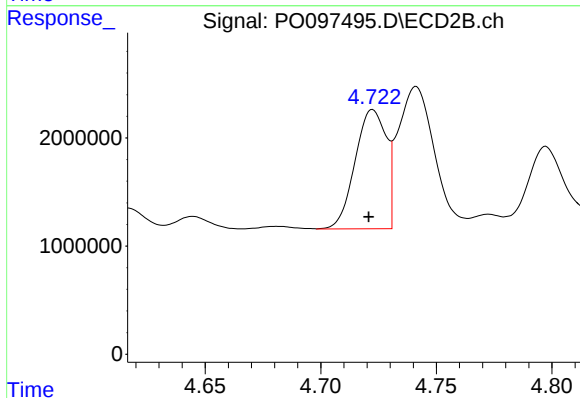
R.T.: 8.677 min
Delta R.T.: 0.000 min
Response: 31012973
Conc: 54.03 ng/ml



#3 AR-1016-1

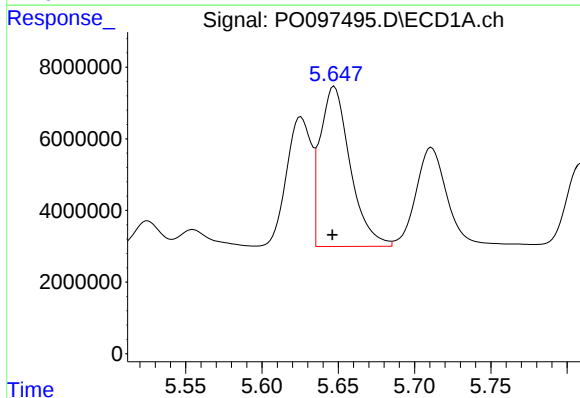
R.T.: 5.625 min
Delta R.T.: 0.002 min
Response: 41003657
Conc: 455.55 ng/ml

Instrument :
ECD_O
ClientSampleId :



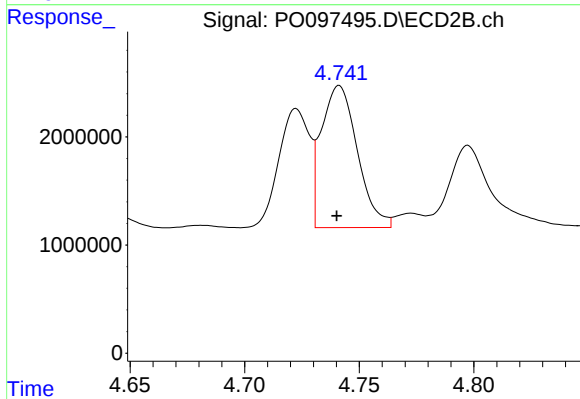
#3 AR-1016-1

R.T.: 4.722 min
Delta R.T.: 0.002 min
Response: 10330410
Conc: 474.55 ng/ml



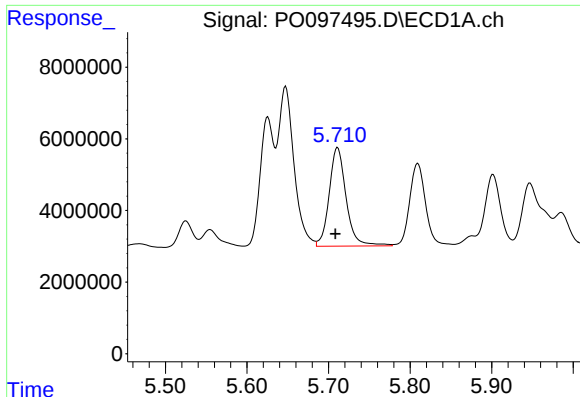
#4 AR-1016-2

R.T.: 5.647 min
Delta R.T.: 0.001 min
Response: 61107267
Conc: 440.39 ng/ml



#4 AR-1016-2

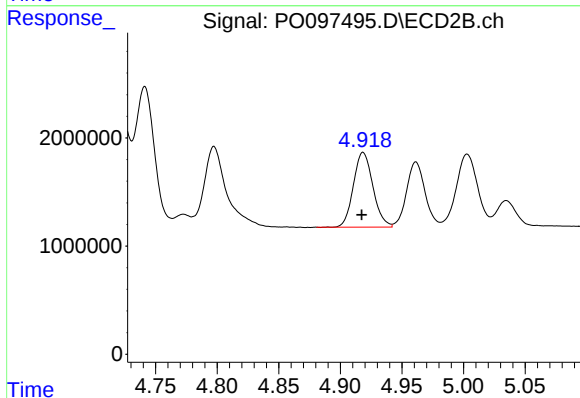
R.T.: 4.741 min
Delta R.T.: 0.001 min
Response: 14374541
Conc: 476.38 ng/ml



#5 AR-1016-3

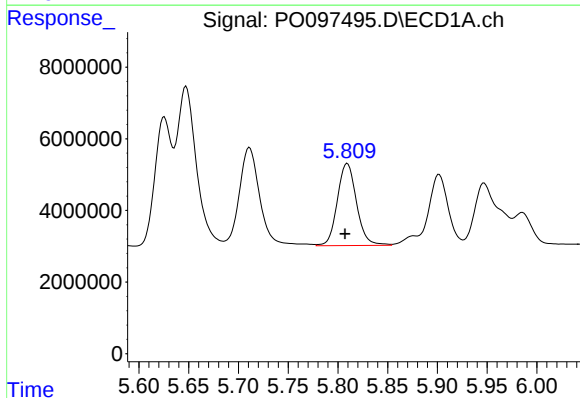
R.T.: 5.711 min
Delta R.T.: 0.003 min
Response: 39759156
Conc: 438.51 ng/ml

Instrument :
ECD_O
ClientSampleId :



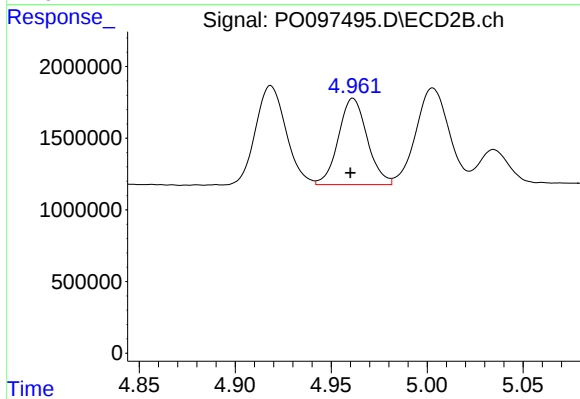
#5 AR-1016-3

R.T.: 4.918 min
Delta R.T.: 0.001 min
Response: 7625038
Conc: 472.04 ng/ml



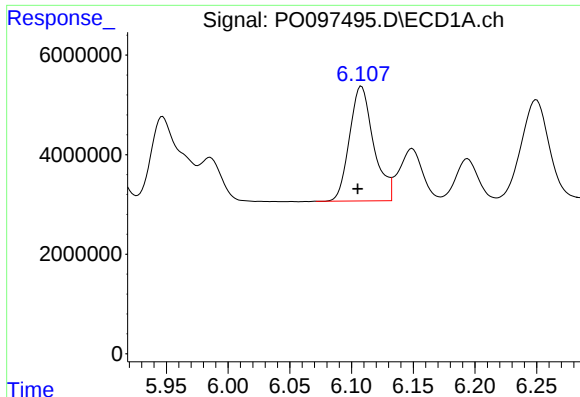
#6 AR-1016-4

R.T.: 5.809 min
Delta R.T.: 0.002 min
Response: 30795930
Conc: 444.16 ng/ml



#6 AR-1016-4

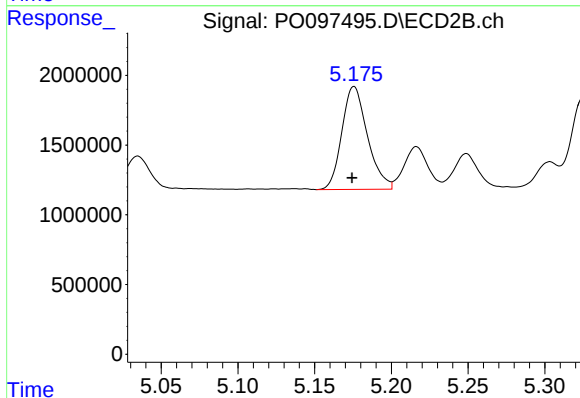
R.T.: 4.961 min
Delta R.T.: 0.001 min
Response: 6310378
Conc: 439.77 ng/ml



#7 AR-1016-5

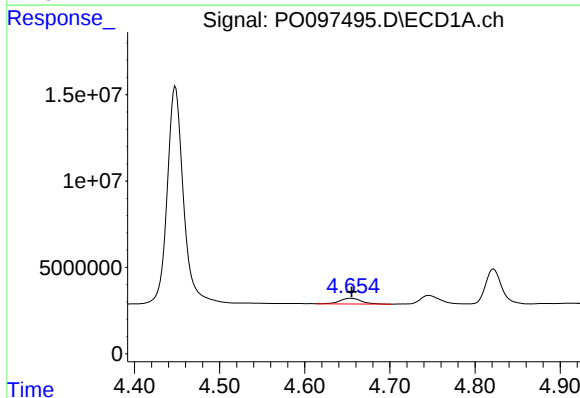
R.T.: 6.108 min
Delta R.T.: 0.003 min
Response: 31224575
Conc: 439.60 ng/ml

Instrument :
ECD_O
ClientSampleId :



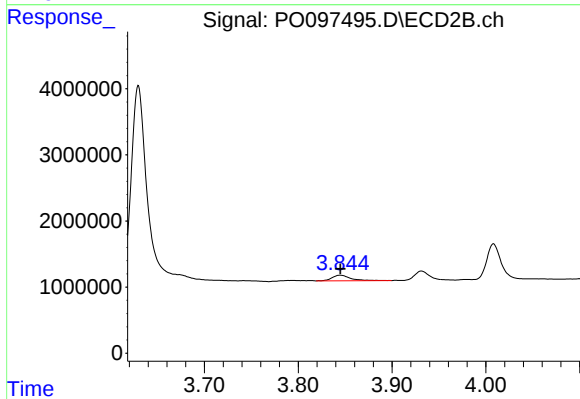
#7 AR-1016-5

R.T.: 5.176 min
Delta R.T.: 0.001 min
Response: 8607518
Conc: 470.66 ng/ml



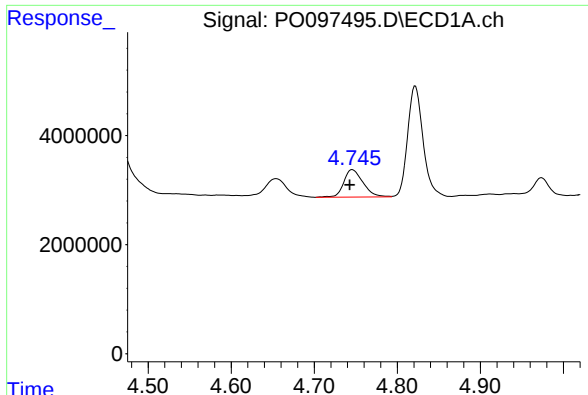
#8 AR-1221-1

R.T.: 4.654 min
Delta R.T.: -0.001 min
Response: 5794565
Conc: 143.98 ng/ml



#8 AR-1221-1

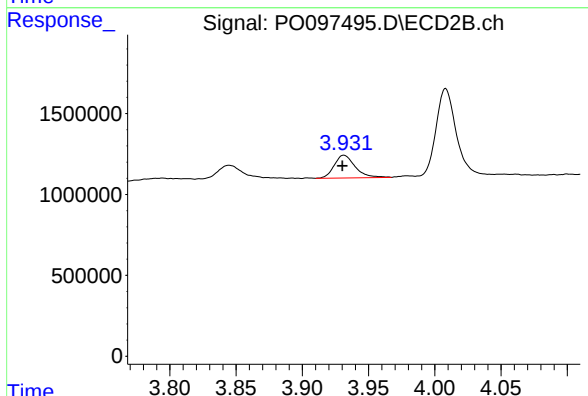
R.T.: 3.845 min
Delta R.T.: 0.000 min
Response: 1208604
Conc: 147.64 ng/ml



#9 AR-1221-2

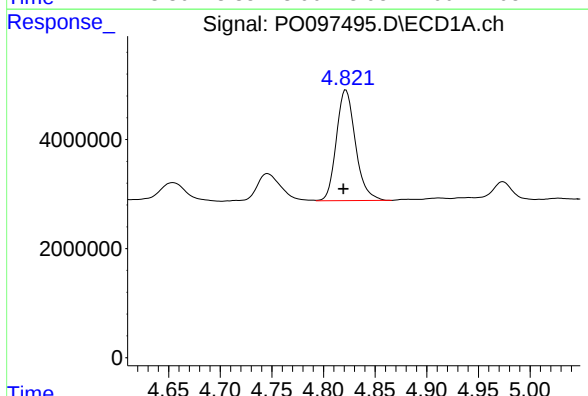
R.T.: 4.746 min
Delta R.T.: 0.003 min
Response: 8136424
Conc: 270.68 ng/ml

Instrument :
ECD_O
ClientSampleId :



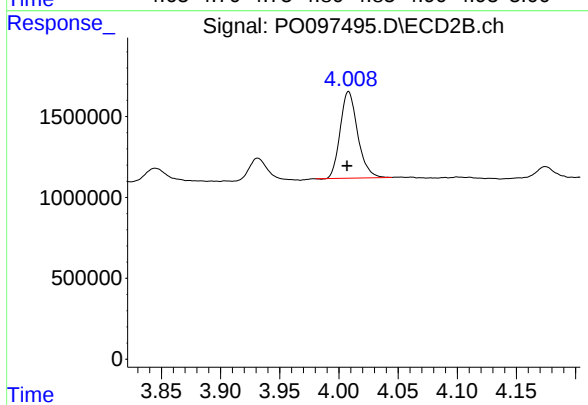
#9 AR-1221-2

R.T.: 3.931 min
Delta R.T.: 0.001 min
Response: 1553697
Conc: 268.08 ng/ml



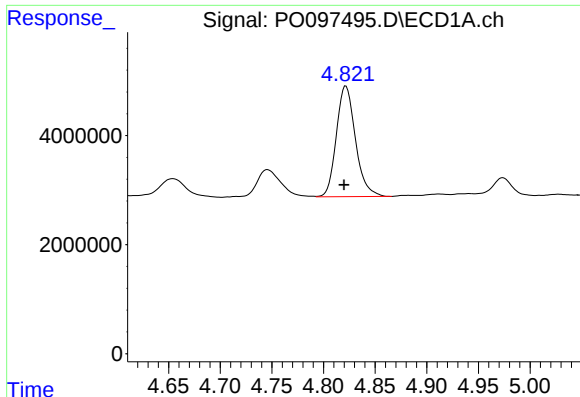
#10 AR-1221-3

R.T.: 4.822 min
Delta R.T.: 0.003 min
Response: 26177768
Conc: 293.86 ng/ml



#10 AR-1221-3

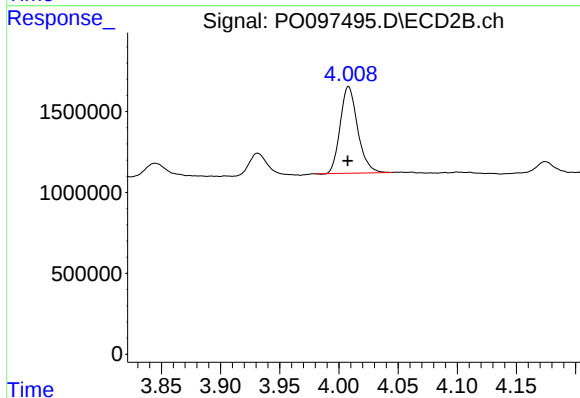
R.T.: 4.008 min
Delta R.T.: 0.001 min
Response: 5501977
Conc: 299.21 ng/ml



#11 AR-1232-1

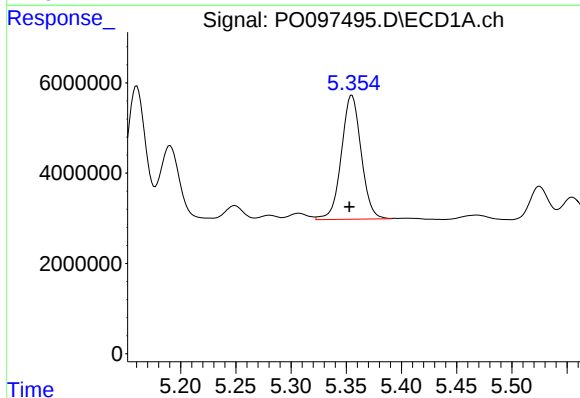
R.T.: 4.822 min
Delta R.T.: 0.002 min
Response: 26177768
Conc: 354.93 ng/ml

Instrument :
ECD_O
ClientSampleId :



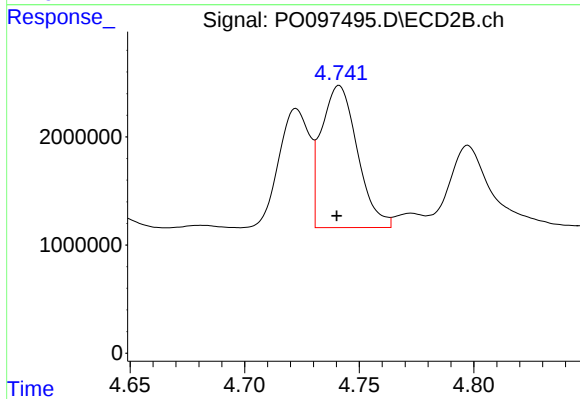
#11 AR-1232-1

R.T.: 4.008 min
Delta R.T.: 0.000 min
Response: 5501977
Conc: 365.19 ng/ml



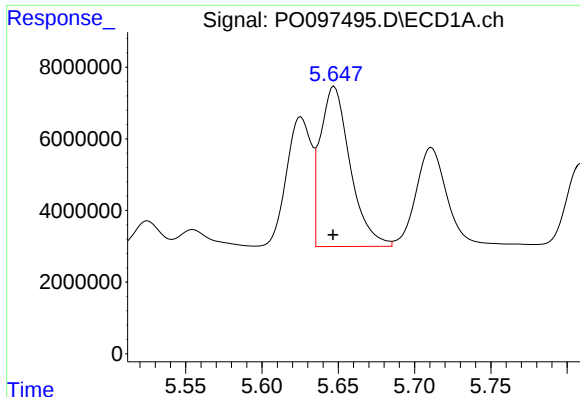
#12 AR-1232-2

R.T.: 5.355 min
Delta R.T.: 0.002 min
Response: 34199796
Conc: 892.45 ng/ml



#12 AR-1232-2

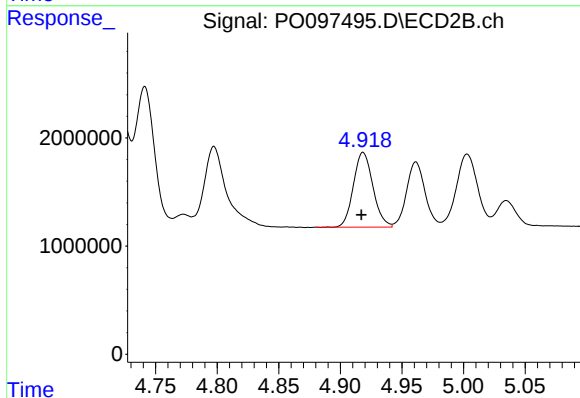
R.T.: 4.741 min
Delta R.T.: 0.001 min
Response: 14374541
Conc: 1029.68 ng/ml



#13 AR-1232-3

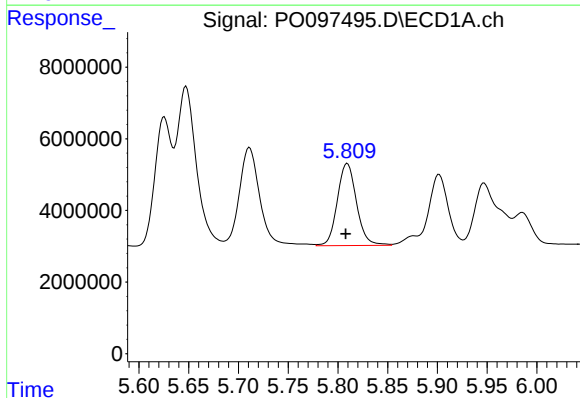
R.T.: 5.647 min
Delta R.T.: 0.000 min
Response: 61107267
Conc: 944.82 ng/ml

Instrument :
ECD_O
ClientSampleId :



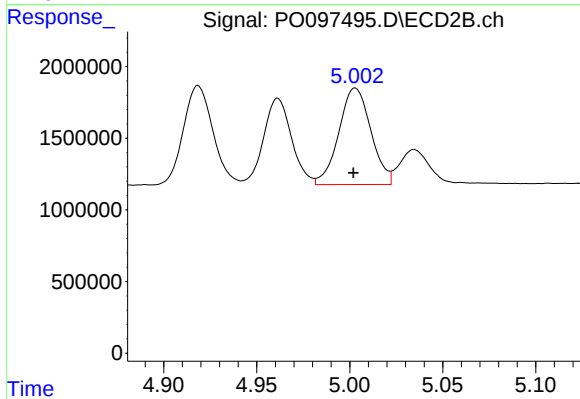
#13 AR-1232-3

R.T.: 4.918 min
Delta R.T.: 0.002 min
Response: 7625038
Conc: 1085.64 ng/ml



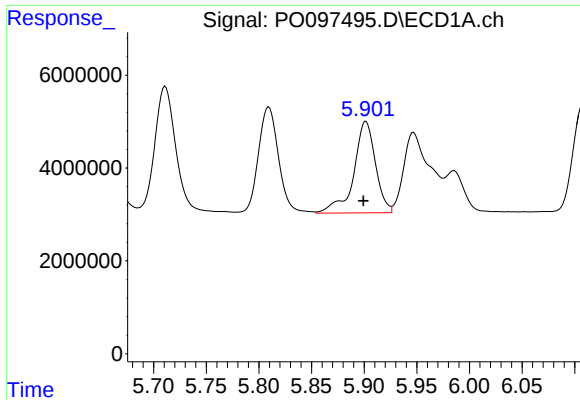
#14 AR-1232-4

R.T.: 5.809 min
Delta R.T.: 0.001 min
Response: 30795930
Conc: 966.79 ng/ml



#14 AR-1232-4

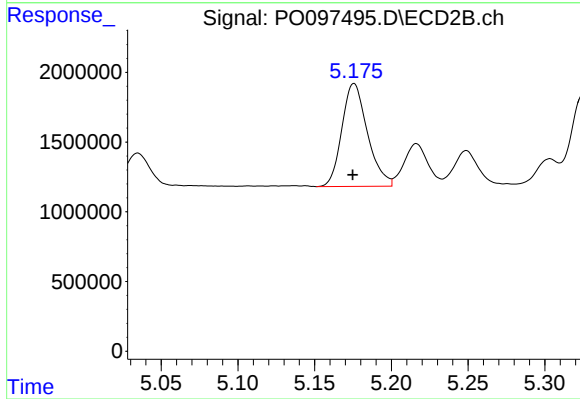
R.T.: 5.003 min
Delta R.T.: 0.000 min
Response: 8096108
Conc: 1145.04 ng/ml



#15 AR-1232-5

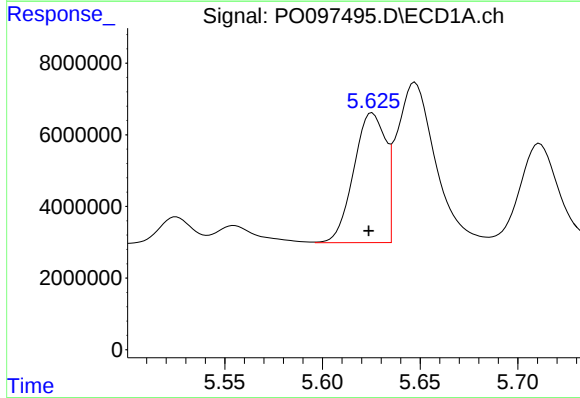
R.T.: 5.902 min
Delta R.T.: 0.002 min
Response: 28316910
Conc: 962.37 ng/ml

Instrument :
ECD_O
ClientSampleId :



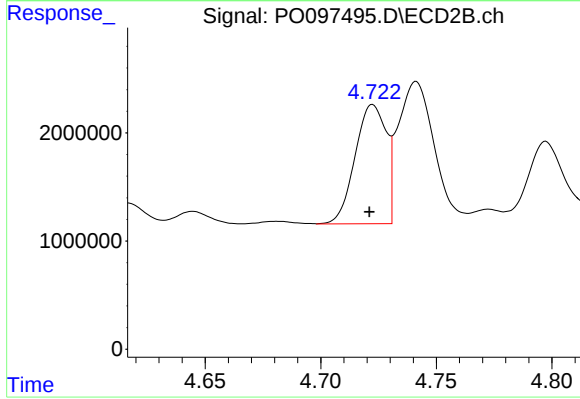
#15 AR-1232-5

R.T.: 5.176 min
Delta R.T.: 0.000 min
Response: 8607518
Conc: 1093.55 ng/ml



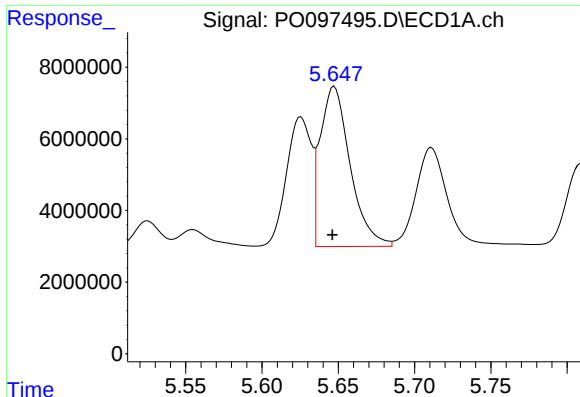
#16 AR-1242-1

R.T.: 5.625 min
Delta R.T.: 0.002 min
Response: 41003657
Conc: 506.28 ng/ml



#16 AR-1242-1

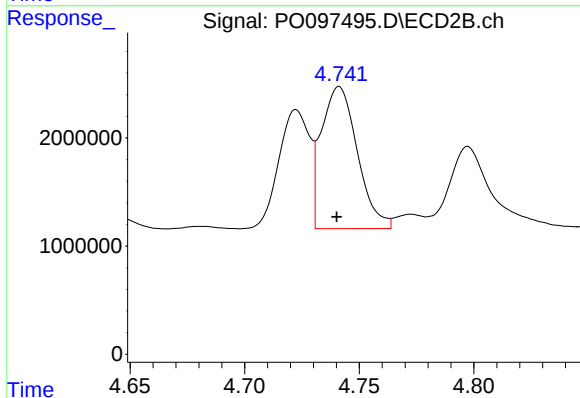
R.T.: 4.722 min
Delta R.T.: 0.001 min
Response: 10330410
Conc: 535.53 ng/ml



#17 AR-1242-2

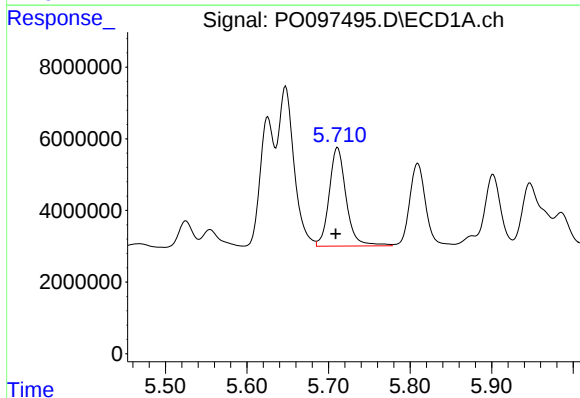
R.T.: 5.647 min
Delta R.T.: 0.001 min
Response: 61107267
Conc: 489.30 ng/ml

Instrument :
ECD_O
ClientSampleId :



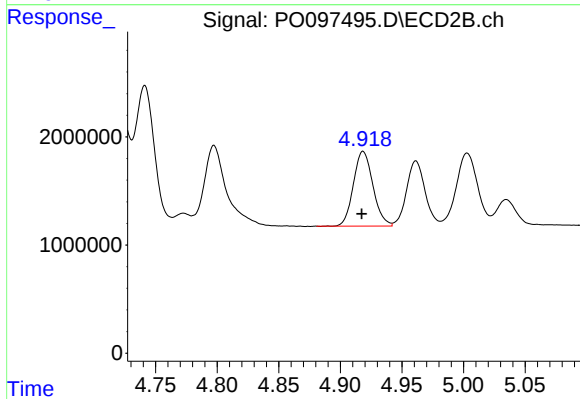
#17 AR-1242-2

R.T.: 4.741 min
Delta R.T.: 0.001 min
Response: 14374541
Conc: 528.09 ng/ml



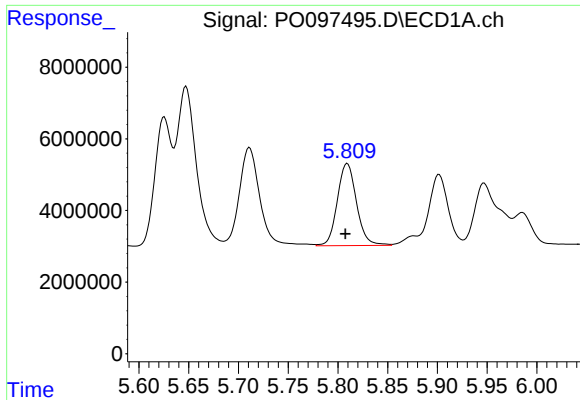
#18 AR-1242-3

R.T.: 5.711 min
Delta R.T.: 0.002 min
Response: 39759156
Conc: 483.57 ng/ml



#18 AR-1242-3

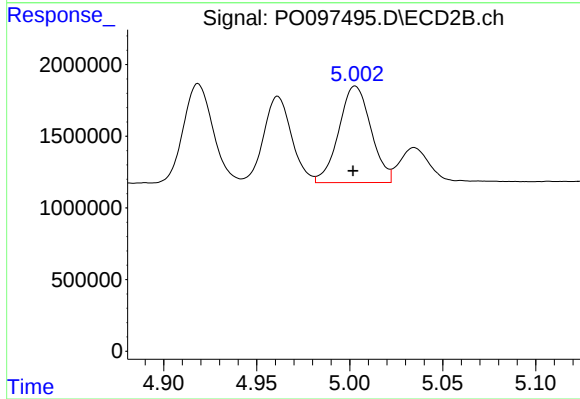
R.T.: 4.918 min
Delta R.T.: 0.001 min
Response: 7625038
Conc: 531.34 ng/ml



#19 AR-1242-4

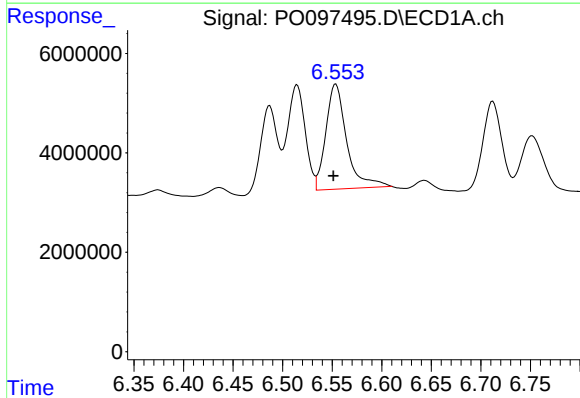
R.T.: 5.809 min
Delta R.T.: 0.002 min
Response: 30795930
Conc: 490.58 ng/ml

Instrument :
ECD_O
ClientSampleId :



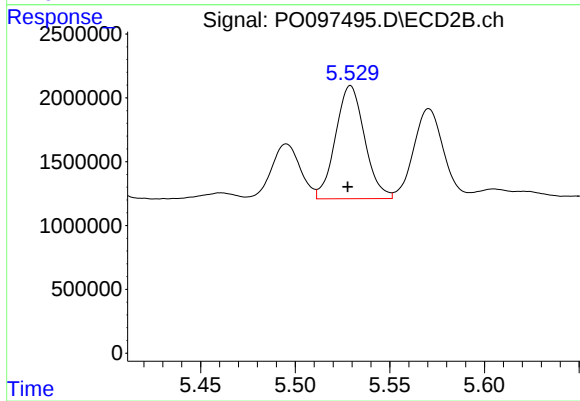
#19 AR-1242-4

R.T.: 5.003 min
Delta R.T.: 0.001 min
Response: 8096108
Conc: 511.17 ng/ml



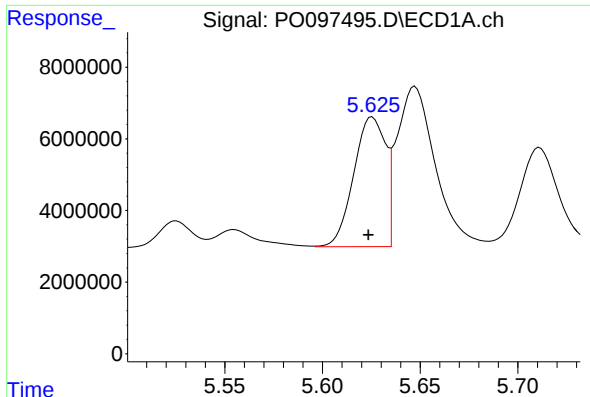
#20 AR-1242-5

R.T.: 6.554 min
Delta R.T.: 0.002 min
Response: 30994322
Conc: 492.79 ng/ml



#20 AR-1242-5

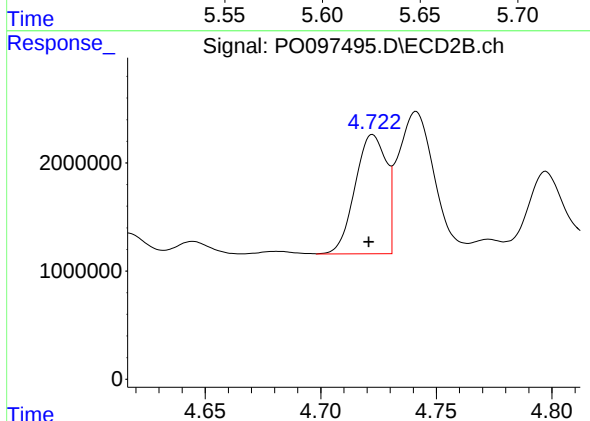
R.T.: 5.529 min
Delta R.T.: 0.002 min
Response: 9484576
Conc: 537.42 ng/ml



#21 AR-1248-1

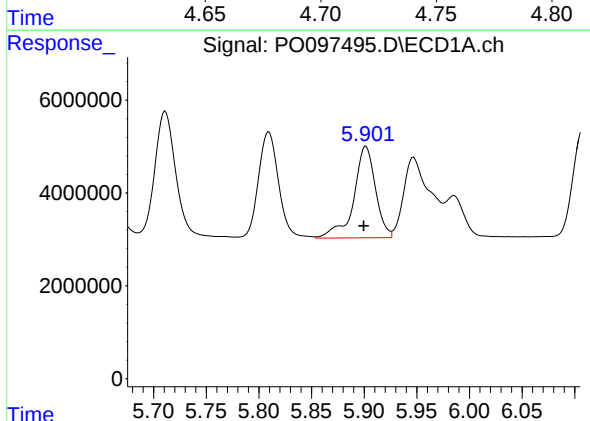
R.T.: 5.625 min
Delta R.T.: 0.002 min
Response: 41003657
Conc: 695.23 ng/ml

Instrument :
ECD_O
ClientSampleId :



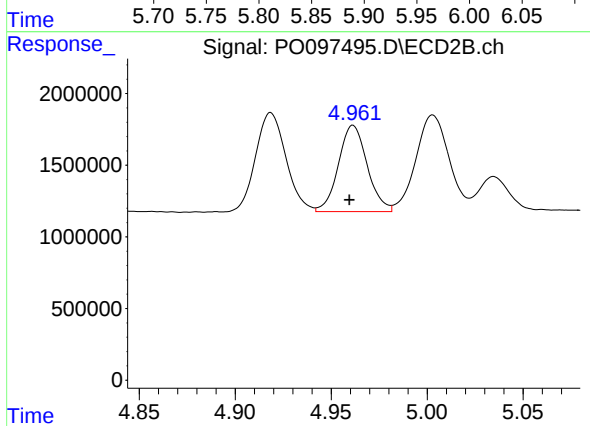
#21 AR-1248-1

R.T.: 4.722 min
Delta R.T.: 0.002 min
Response: 10330410
Conc: 751.75 ng/ml



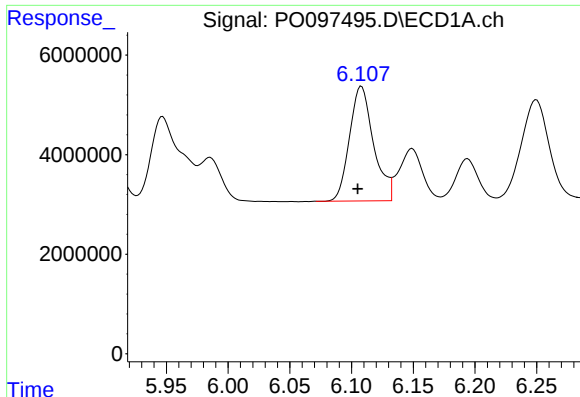
#22 AR-1248-2

R.T.: 5.902 min
Delta R.T.: 0.002 min
Response: 28316910
Conc: 286.31 ng/ml



#22 AR-1248-2

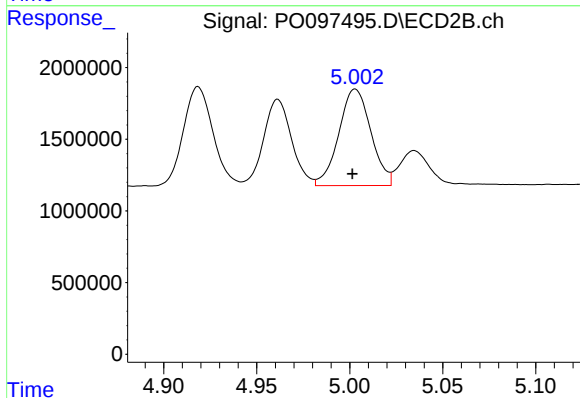
R.T.: 4.961 min
Delta R.T.: 0.002 min
Response: 6310378
Conc: 284.58 ng/ml



#23 AR-1248-3

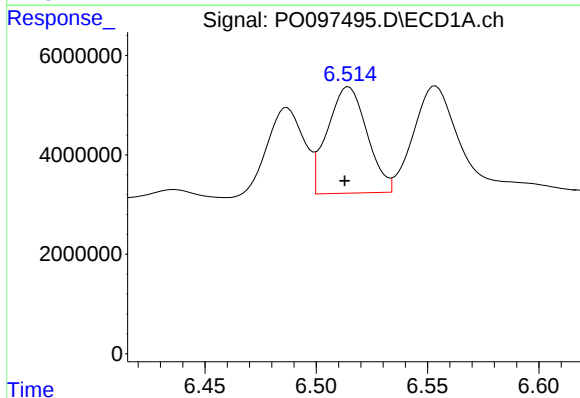
R.T.: 6.108 min
Delta R.T.: 0.003 min
Response: 31224575
Conc: 301.38 ng/ml

Instrument :
ECD_O
ClientSampleId :



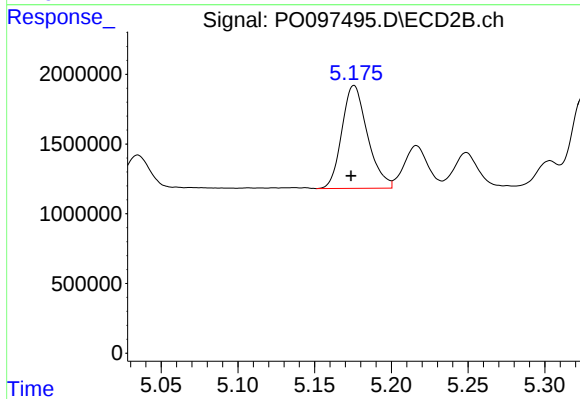
#23 AR-1248-3

R.T.: 5.003 min
Delta R.T.: 0.002 min
Response: 8096108
Conc: 352.12 ng/ml



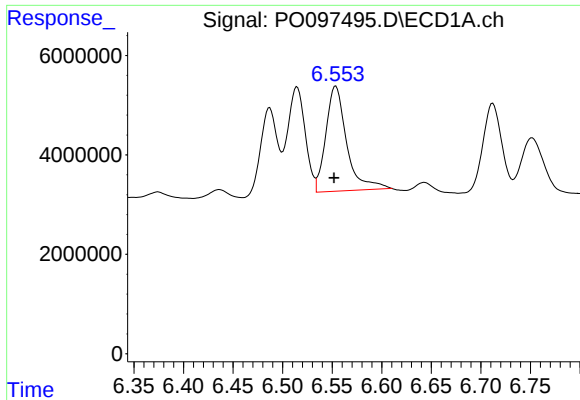
#24 AR-1248-4

R.T.: 6.515 min
Delta R.T.: 0.002 min
Response: 26558641
Conc: 290.33 ng/ml



#24 AR-1248-4

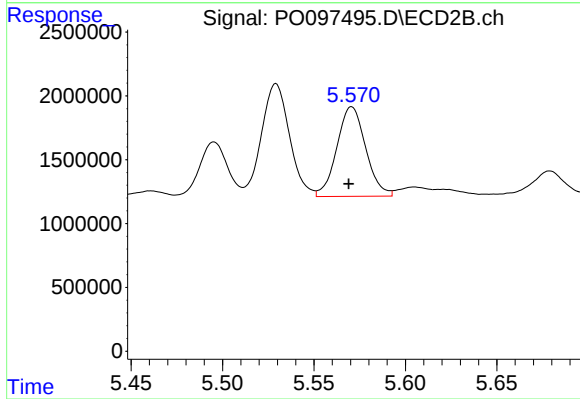
R.T.: 5.176 min
Delta R.T.: 0.002 min
Response: 8607518
Conc: 317.19 ng/ml



#25 AR-1248-5

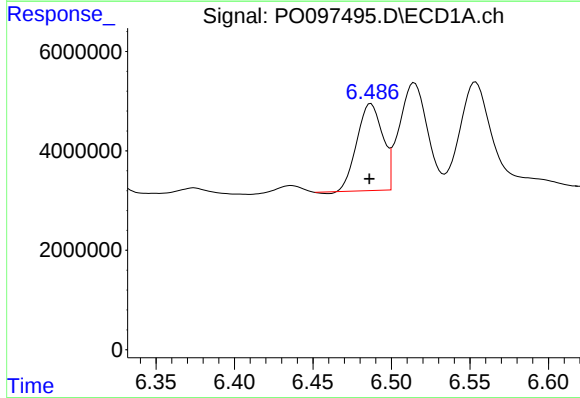
R.T.: 6.554 min
Delta R.T.: 0.002 min
Response: 30994322
Conc: 305.31 ng/ml

Instrument :
ECD_O
ClientSampleId :



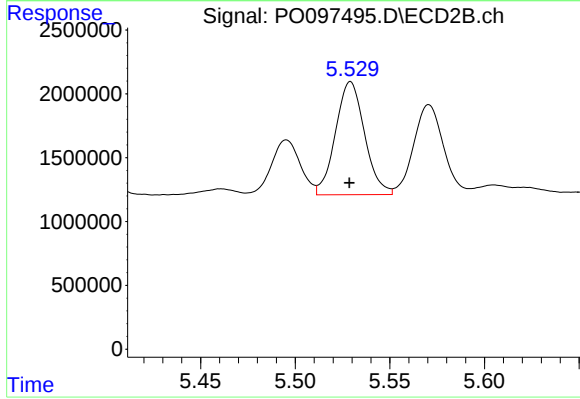
#25 AR-1248-5

R.T.: 5.571 min
Delta R.T.: 0.002 min
Response: 7724769
Conc: 341.69 ng/ml



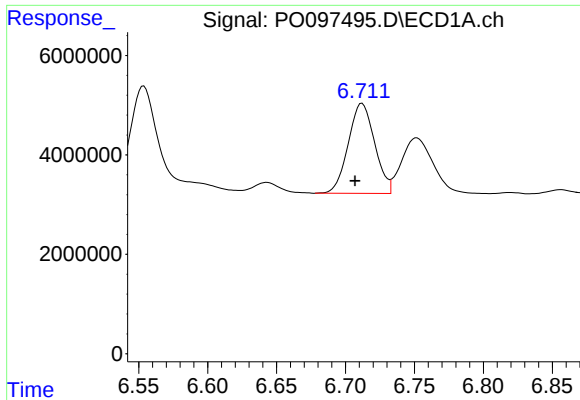
#26 AR-1254-1

R.T.: 6.487 min
Delta R.T.: 0.000 min
Response: 19792293
Conc: 180.03 ng/ml



#26 AR-1254-1

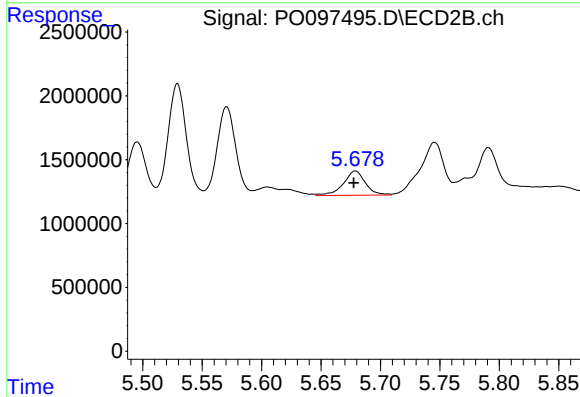
R.T.: 5.529 min
Delta R.T.: 0.000 min
Response: 9484576
Conc: 245.74 ng/ml



#27 AR-1254-2

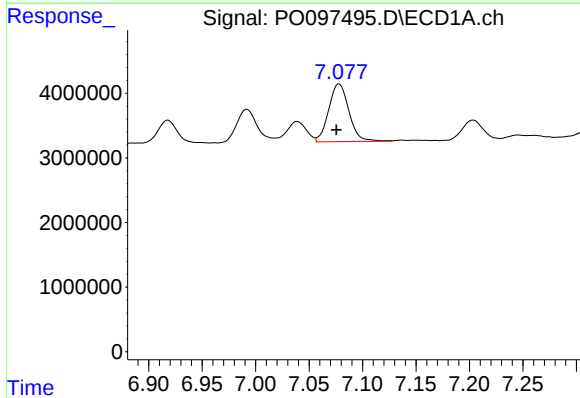
R.T.: 6.712 min
Delta R.T.: 0.005 min
Response: 24118561
Conc: 148.00 ng/ml

Instrument :
ECD_O
ClientSampleId :



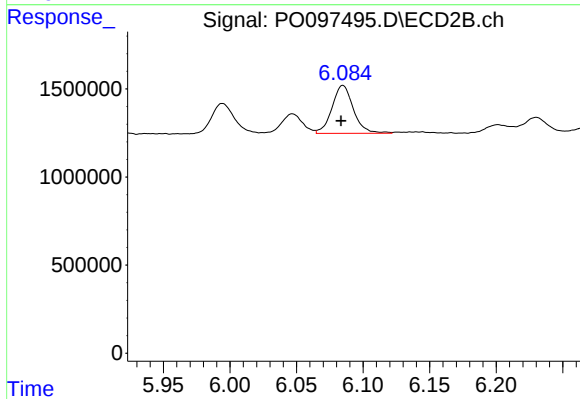
#27 AR-1254-2

R.T.: 5.679 min
Delta R.T.: 0.001 min
Response: 2458193
Conc: 72.17 ng/ml



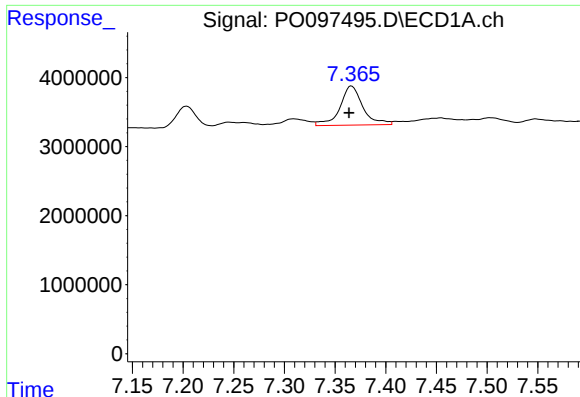
#28 AR-1254-3

R.T.: 7.078 min
Delta R.T.: 0.003 min
Response: 11762420
Conc: 72.23 ng/ml



#28 AR-1254-3

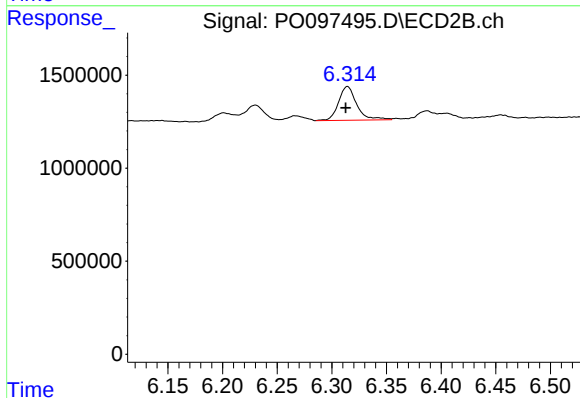
R.T.: 6.085 min
Delta R.T.: 0.001 min
Response: 3032036
Conc: 57.14 ng/ml



#29 AR-1254-4

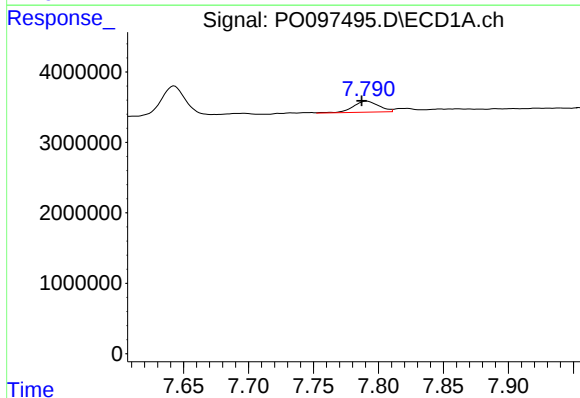
R.T.: 7.366 min
Delta R.T.: 0.002 min
Response: 8905486
Conc: 91.37 ng/ml

Instrument :
ECD_O
ClientSampleId :



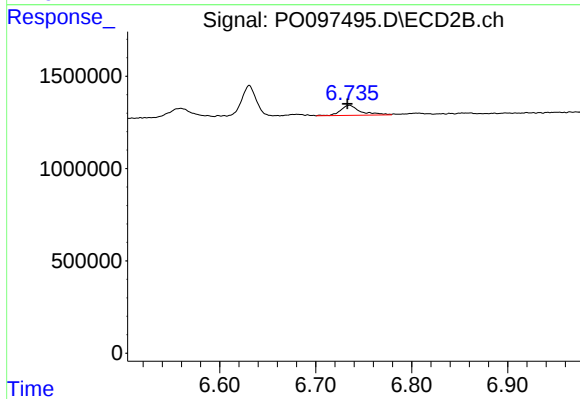
#29 AR-1254-4

R.T.: 6.314 min
Delta R.T.: 0.002 min
Response: 2106978
Conc: 77.27 ng/ml



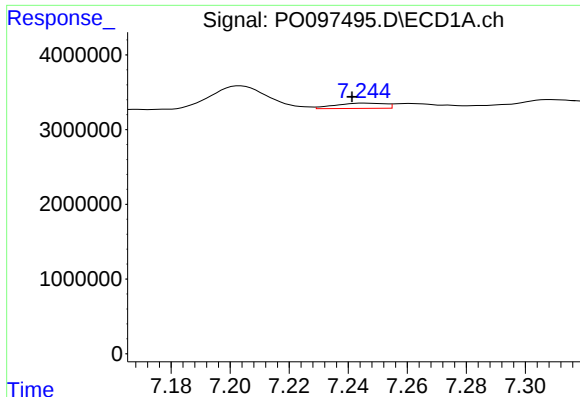
#30 AR-1254-5

R.T.: 7.791 min
Delta R.T.: 0.004 min
Response: 2179028
Conc: 19.30 ng/ml



#30 AR-1254-5

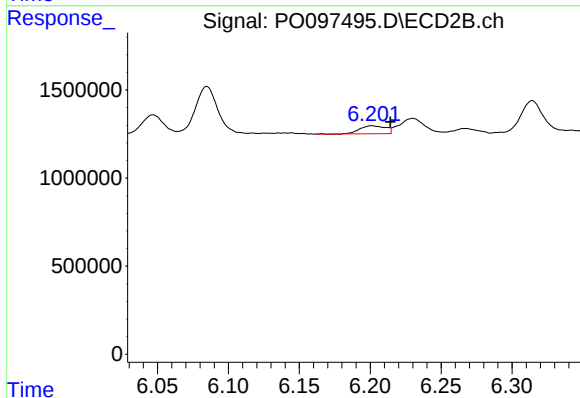
R.T.: 6.735 min
Delta R.T.: 0.002 min
Response: 803453
Conc: 18.22 ng/ml



#31 AR-1260-1

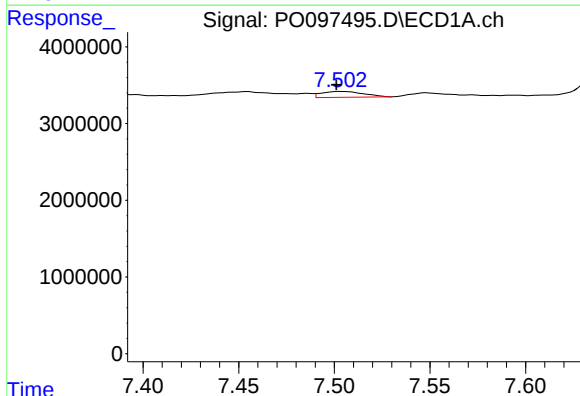
R.T.: 7.245 min
Delta R.T.: 0.004 min
Response: 822878
Conc: 6.45 ng/ml

Instrument :
ECD_O
ClientSampleId :



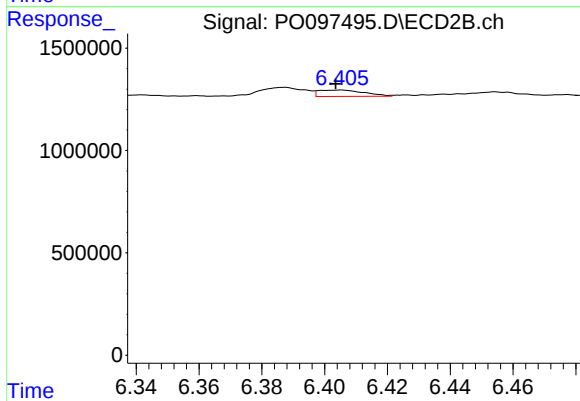
#31 AR-1260-1

R.T.: 6.201 min
Delta R.T.: -0.013 min
Response: 579155
Conc: 15.51 ng/ml



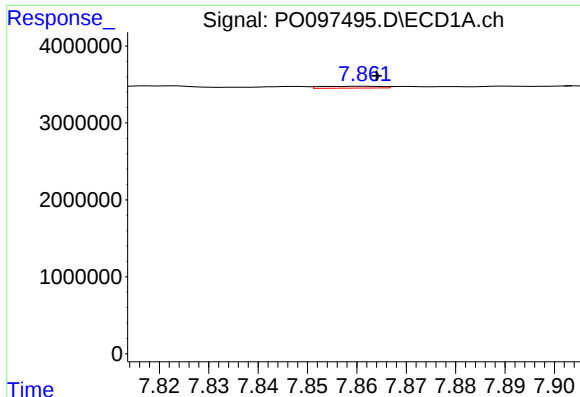
#32 AR-1260-2

R.T.: 7.503 min
Delta R.T.: 0.002 min
Response: 1156446
Conc: 8.49 ng/ml



#32 AR-1260-2

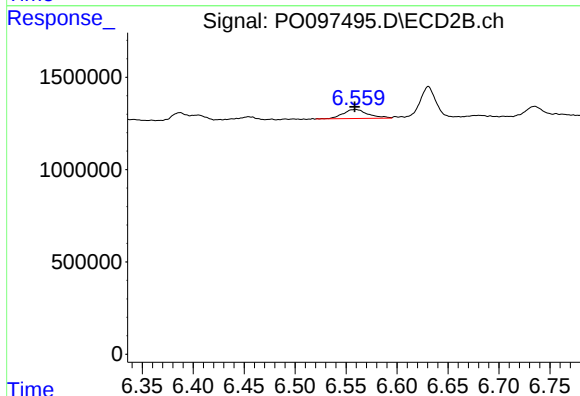
R.T.: 6.405 min
Delta R.T.: 0.001 min
Response: 312357
Conc: 7.38 ng/ml



#33 AR-1260-3

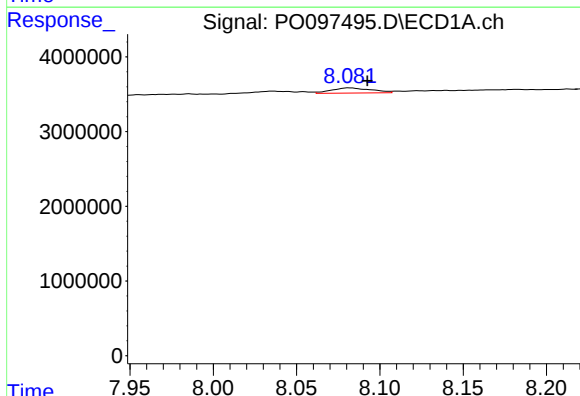
R.T.: 7.861 min
Delta R.T.: -0.003 min
Response: 200402
Conc: 1.90 ng/ml

Instrument :
ECD_O
ClientSampleId :



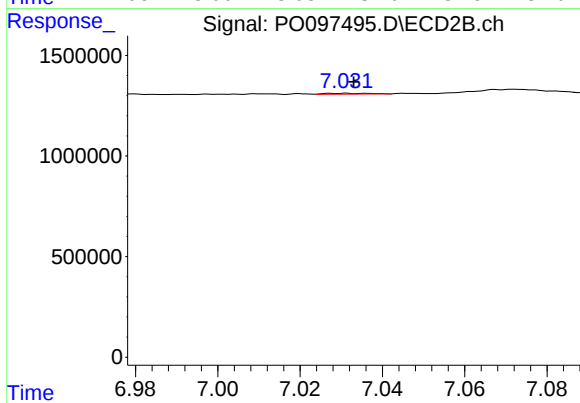
#33 AR-1260-3

R.T.: 6.559 min
Delta R.T.: 0.000 min
Response: 840315
Conc: 20.08 ng/ml



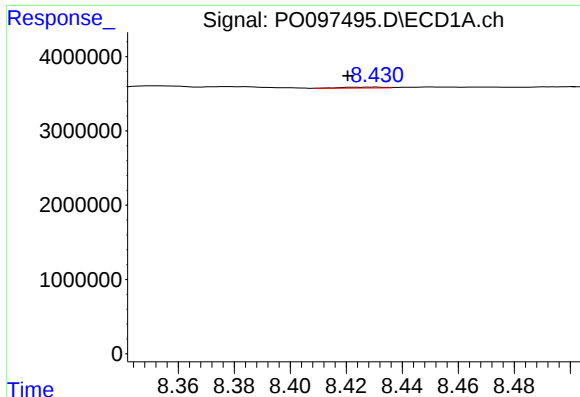
#34 AR-1260-4

R.T.: 8.082 min
Delta R.T.: -0.011 min
Response: 1171422
Conc: 10.36 ng/ml



#34 AR-1260-4

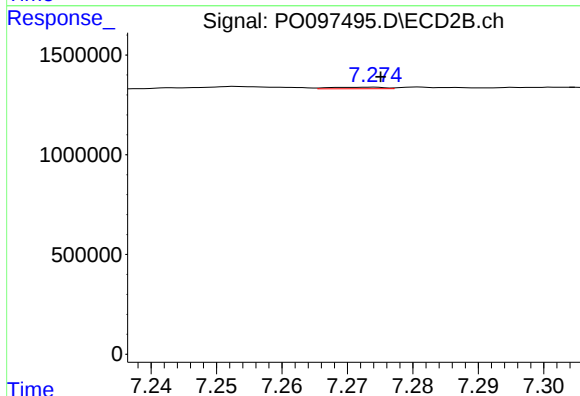
R.T.: 7.031 min
Delta R.T.: -0.002 min
Response: 31790
Conc: 0.98 ng/ml



#35 AR-1260-5

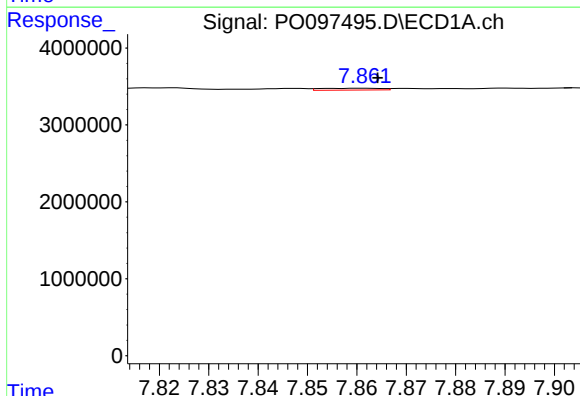
R.T.: 8.430 min
Delta R.T.: 0.010 min
Response: 129058
Conc: 0.69 ng/ml

Instrument :
ECD_O
ClientSampleId :



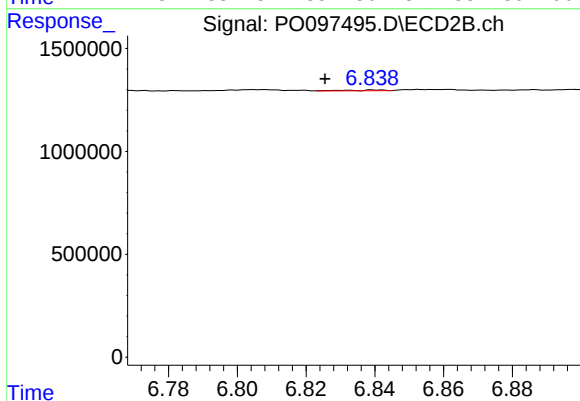
#35 AR-1260-5

R.T.: 7.273 min
Delta R.T.: -0.002 min
Response: 43447
Conc: 0.66 ng/ml



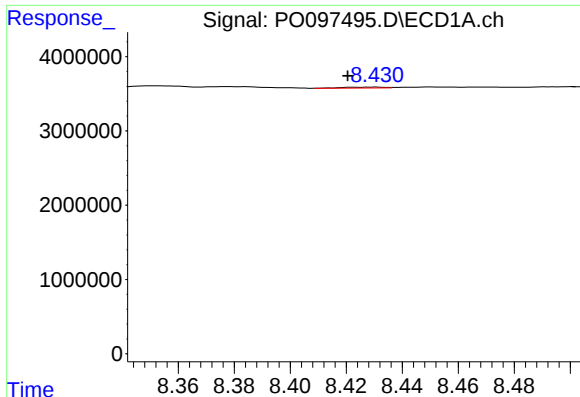
#36 AR-1262-1

R.T.: 7.861 min
Delta R.T.: -0.003 min
Response: 200402
Conc: 1.33 ng/ml



#36 AR-1262-1

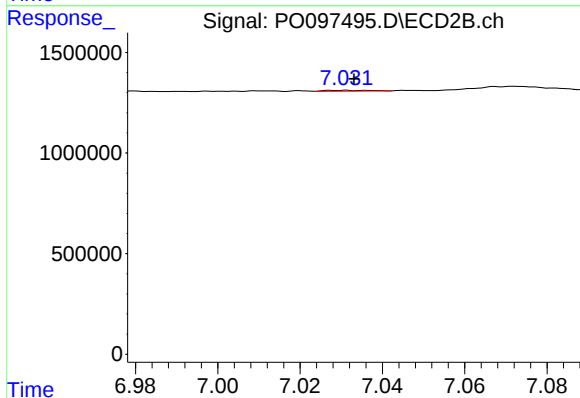
R.T.: 6.840 min
Delta R.T.: 0.015 min
Response: 33503
Conc: 1.67 ng/ml



#37 AR-1262-2

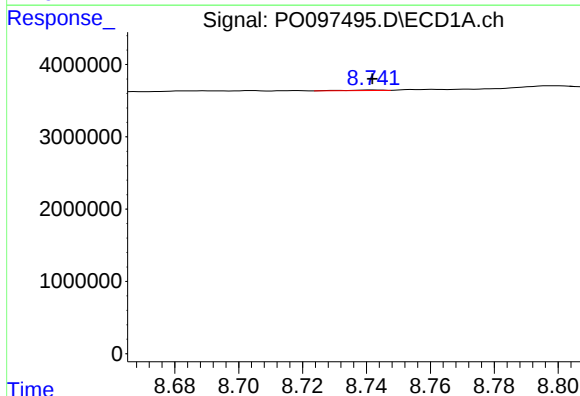
R.T.: 8.430 min
Delta R.T.: 0.010 min
Response: 129058
Conc: 0.59 ng/ml

Instrument :
ECD_O
ClientSampleId :



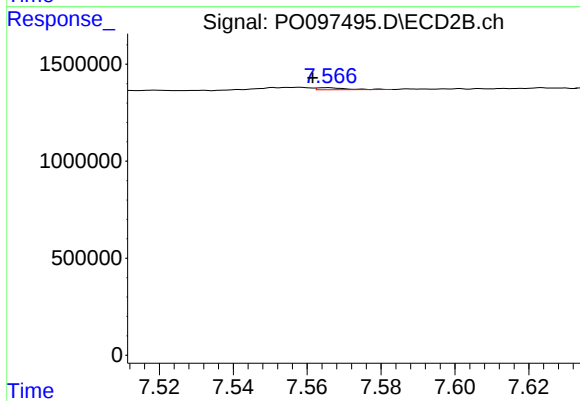
#37 AR-1262-2

R.T.: 7.031 min
Delta R.T.: -0.002 min
Response: 31790
Conc: 0.73 ng/ml



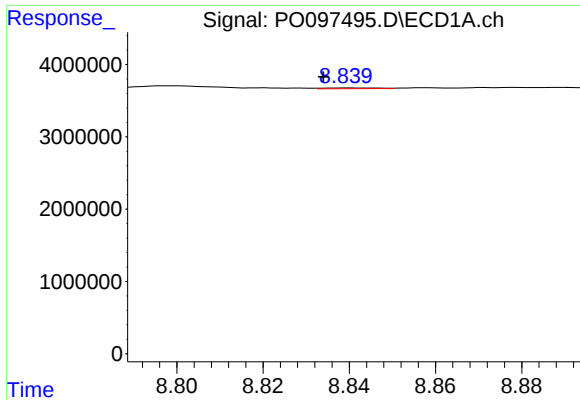
#38 AR-1262-3

R.T.: 8.741 min
Delta R.T.: 0.000 min
Response: 55577
Conc: 0.36 ng/ml



#38 AR-1262-3

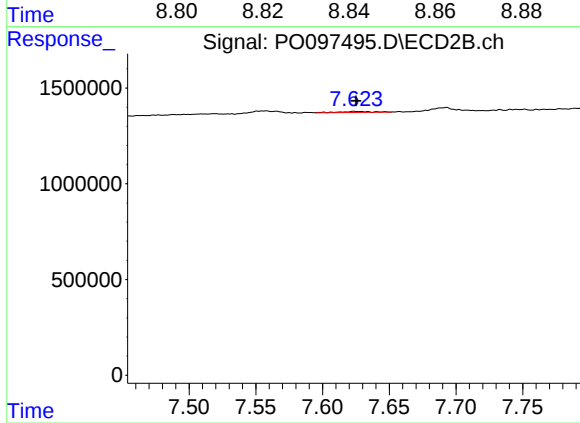
R.T.: 7.565 min
Delta R.T.: 0.004 min
Response: 54731
Conc: 1.76 ng/ml



#39 AR-1262-4

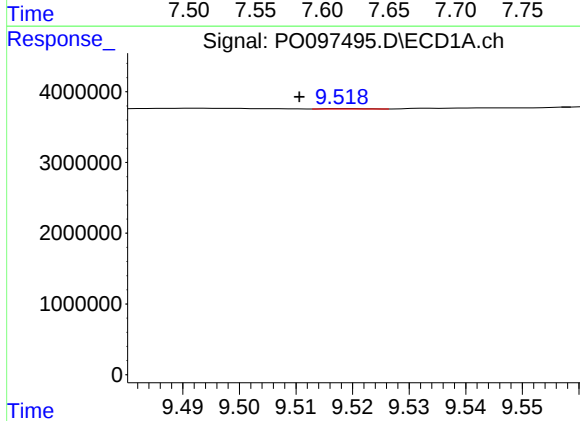
R.T.: 8.840 min
Delta R.T.: 0.006 min
Response: 103763
Conc: 0.83 ng/ml

Instrument :
ECD_O
ClientSampleId :



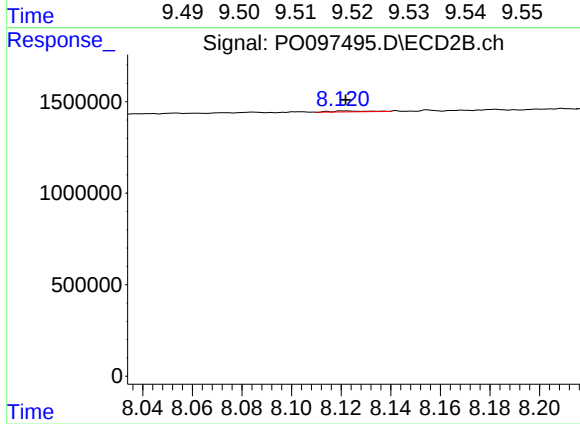
#39 AR-1262-4

R.T.: 7.624 min
Delta R.T.: -0.001 min
Response: 80681
Conc: 1.43 ng/ml



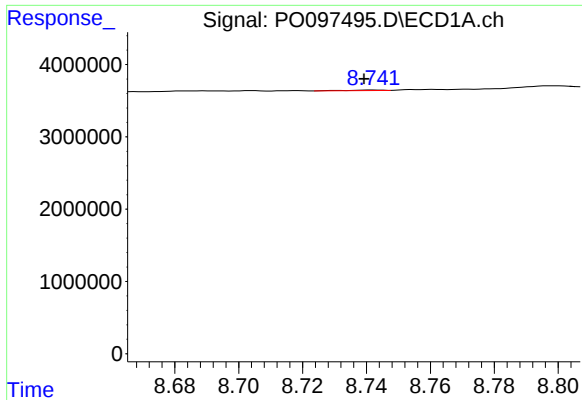
#40 AR-1262-5

R.T.: 9.519 min
Delta R.T.: 0.008 min
Response: 24529
Conc: 0.36 ng/ml



#40 AR-1262-5

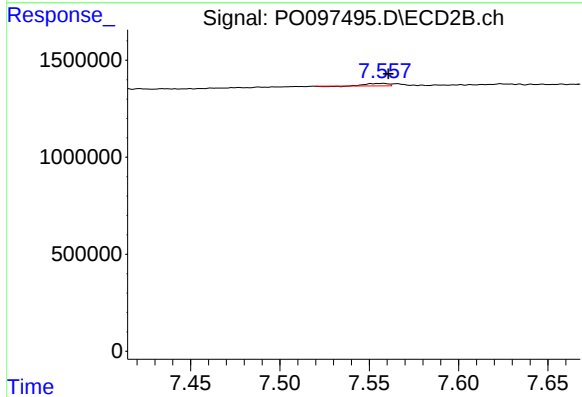
R.T.: 8.121 min
Delta R.T.: 0.000 min
Response: 52680
Conc: 2.24 ng/ml



#41 AR-1268-1

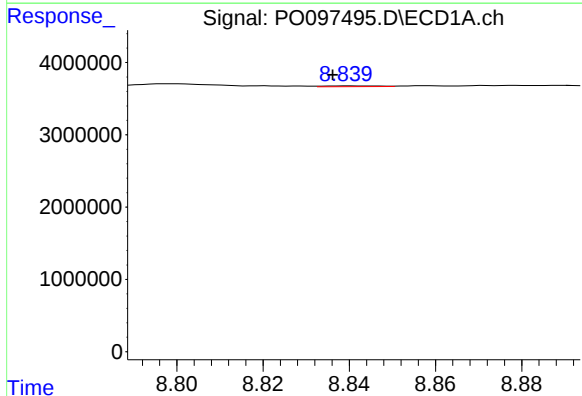
R.T.: 8.741 min
Delta R.T.: 0.002 min
Response: 55577
Conc: 0.20 ng/ml

Instrument :
ECD_O
ClientSampleId :



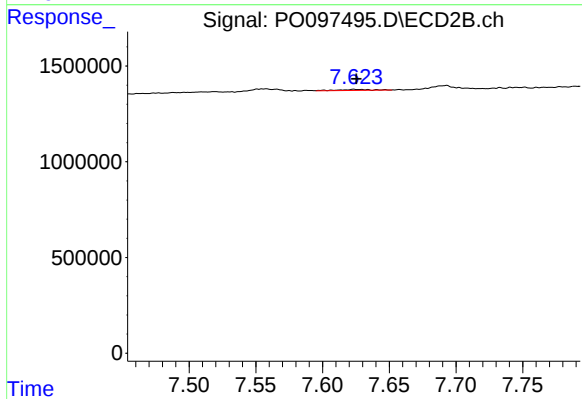
#41 AR-1268-1

R.T.: 7.557 min
Delta R.T.: -0.004 min
Response: 95704
Conc: 1.00 ng/ml



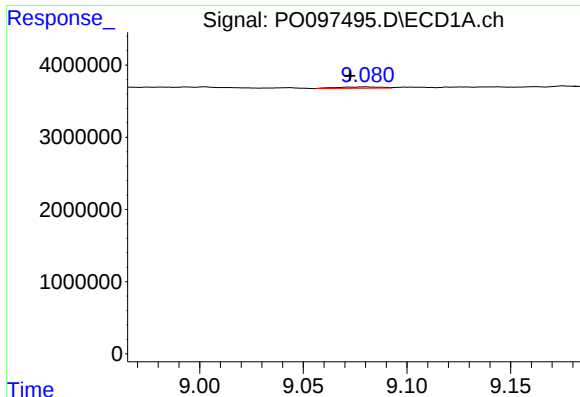
#42 AR-1268-2

R.T.: 8.840 min
Delta R.T.: 0.004 min
Response: 103763
Conc: 0.41 ng/ml



#42 AR-1268-2

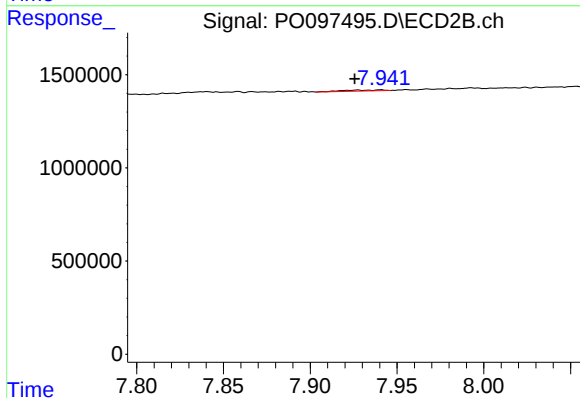
R.T.: 7.624 min
Delta R.T.: -0.001 min
Response: 80681
Conc: 0.97 ng/ml



#43 AR-1268-3

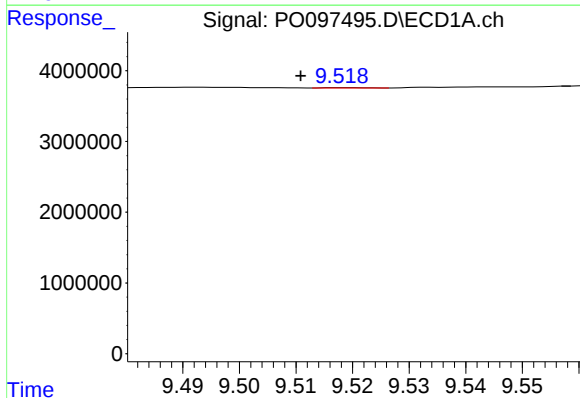
R.T.: 9.080 min
Delta R.T.: 0.008 min
Response: 267574
Conc: 1.19 ng/ml

Instrument :
ECD_O
ClientSampleId :



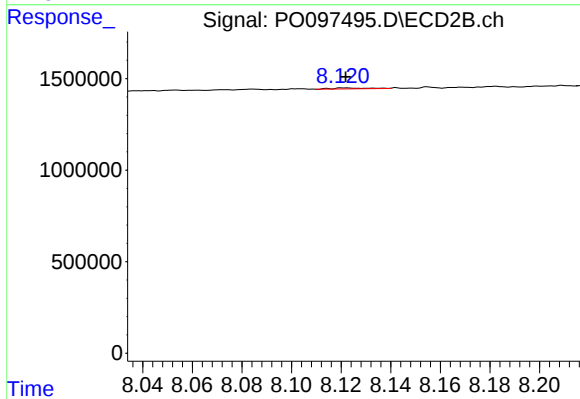
#43 AR-1268-3

R.T.: 7.941 min
Delta R.T.: 0.015 min
Response: 86282
Conc: 4.35 ng/ml



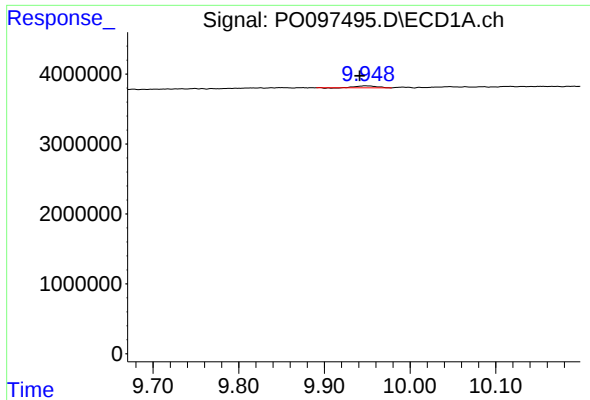
#44 AR-1268-4

R.T.: 9.519 min
Delta R.T.: 0.008 min
Response: 24529
Conc: 0.32 ng/ml



#44 AR-1268-4

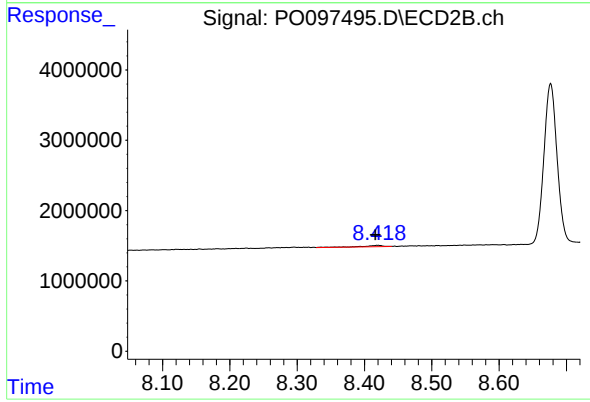
R.T.: 8.121 min
Delta R.T.: 0.000 min
Response: 52680
Conc: 2.04 ng/ml



#45 AR-1268-5

R.T.: 9.948 min
Delta R.T.: 0.007 min
Response: 469427
Conc: 0.68 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.420 min
Delta R.T.: 0.003 min
Response: 475068
Conc: 2.08 ng/ml