

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0021723\
 Data File : P0092644.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Feb 2023 19:26
 Operator : YP/AJ
 Sample : AR1254CCC500
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 AR1254CCC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 19 03:37:00 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0012323.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jan 24 04:40:59 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...	4.445	3.640	153.6E6	66041862	53.047	47.034
2)	SA Decachlor...	10.376	8.675	118.1E6	50112020	57.208	44.390
Target Compounds							
3)	L1 AR-1016-1	5.632	4.744	1559219	433624	17.049	9.435 #
4)	L1 AR-1016-2	5.657	4.744	2079179	433624	15.527	6.612 #
5)	L1 AR-1016-3	5.719	4.921	948797	384032	11.026	10.862
6)	L1 AR-1016-4	5.817	4.963	775811	15442653	11.637	496.436 #
7)	L1 AR-1016-5	6.119	5.177	20132748	12502341	280.204	314.397
8)	L2 AR-1221-1	0.000	3.939f	0	863542	N.D.	45.616 #
9)	L2 AR-1221-2	4.754	3.939	2058824	863542	74.394	61.445
11)	L3 AR-1232-1	4.754f	0.000	2058824	0	29.754	N.D. #
12)	L3 AR-1232-2	5.359	4.744	1008244	433624	28.857	14.145 #
13)	L3 AR-1232-3	5.657	4.921	2079179	384032	33.961	23.853 #
14)	L3 AR-1232-4	5.817	5.004	775811	5030917	25.886	308.013 #
15)	L3 AR-1232-5	5.912	5.177	34200987	12502341	1383.841	698.972 #
16)	L4 AR-1242-1	5.632	4.725	1559219	620703	19.993	15.914
17)	L4 AR-1242-2	5.657	4.744	2079179	433624	18.471	7.984 #
18)	L4 AR-1242-3	5.719	4.921	948797	384032	13.070	13.186
19)	L4 AR-1242-4	5.817	5.004	775811	5030917	14.010	156.405 #
20)	L4 AR-1242-5	6.575	5.530	17069988	39135602	305.793	1081.041 #
21)	L5 AR-1248-1	5.632	4.725	1559219	620703	26.862	21.306
22)	L5 AR-1248-2	5.912	4.963	34200987	15442653	374.257	342.278
23)	L5 AR-1248-3	6.119	5.004	20132748	5030917	205.282	107.868 #
24)	L5 AR-1248-4	6.532	5.177	25362054	12502341	259.037	232.688
25)	L5 AR-1248-5	6.575	5.570	17069988	6307778	181.057	133.238 #
26)	L6 AR-1254-1	6.506	5.530	45808577	39135602	413.750	499.244
27)	L6 AR-1254-2	6.730	5.678	84821629	34887403	521.804	504.220
28)	L6 AR-1254-3	7.104	6.083	89035186	51256231	539.838	480.219
29)	L6 AR-1254-4	7.398	6.313	60429229	28989497	552.443	492.229
30)	L6 AR-1254-5	7.827	6.733	80587106	43324801	572.762	476.015
31)	L7 AR-1260-1	7.274	6.214	41558980	26867878	315.425	355.680
32)	L7 AR-1260-2	7.538	6.403	43873647	21243026	295.871	242.462
33)	L7 AR-1260-3	7.887	6.556	12898232	20445967	113.878	235.854 #
34)	L7 AR-1260-4	8.121	7.032	28004778	2128162	225.909	31.779 #
35)	L7 AR-1260-5	8.473	7.274	8570615	5267157	38.596	37.014
36)	L8 AR-1262-1	7.827	6.733	80587106	43324801	745.831	933.527 #
37)	L8 AR-1262-2	8.473	7.274	8570615	5267157	35.903	35.700
38)	L8 AR-1262-3	8.811	7.622f	7557938	4822858	44.709	77.170 #
39)	L8 AR-1262-4	8.861	7.622	2142018	4822858	21.055	44.020 #
40)	L8 AR-1262-5	0.000	8.121	0	478371	N.D.	9.284 #
41)	L9 AR-1268-1	8.811	7.622f	7557938	4822858	23.892	26.505
42)	L9 AR-1268-2	8.861	7.622	2142018	4822858	7.096	29.144 #

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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
44) L9	AR-1268-4	0.000	8.121	0	478371	N.D.	7.621 #

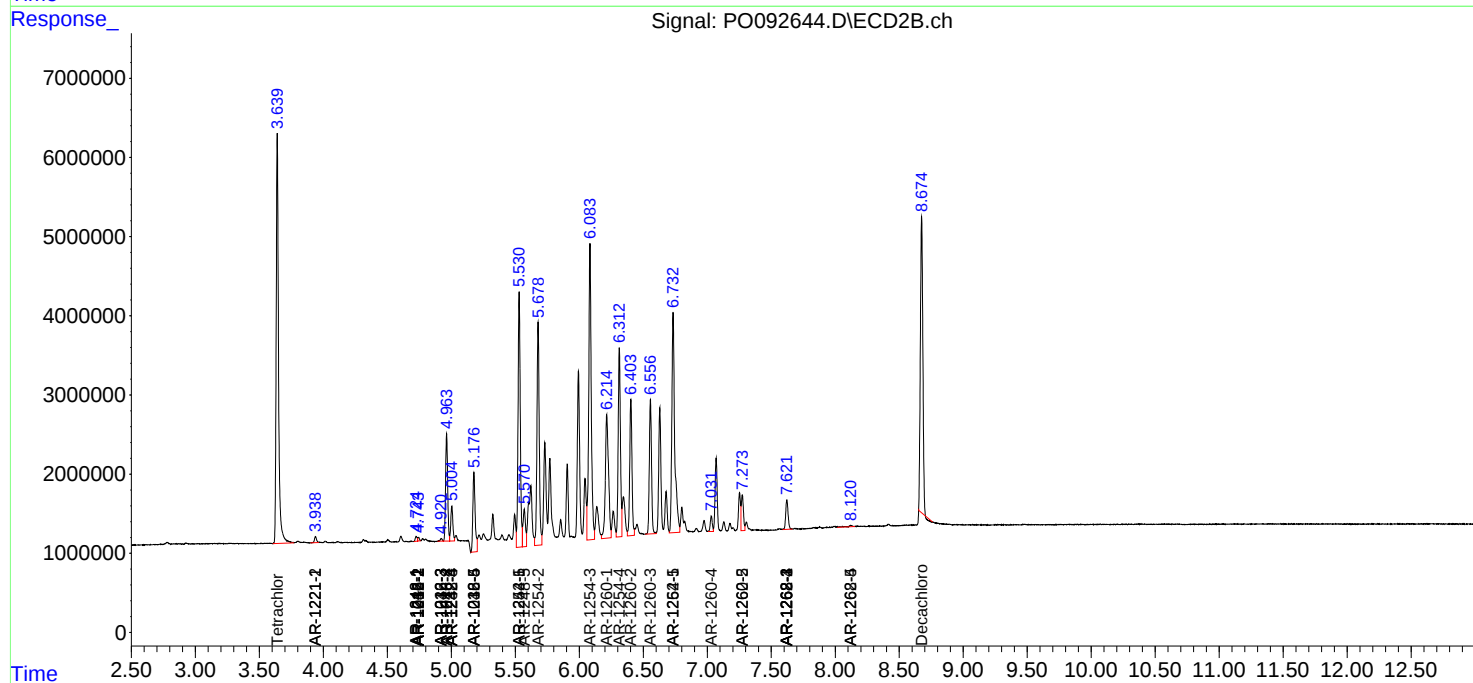
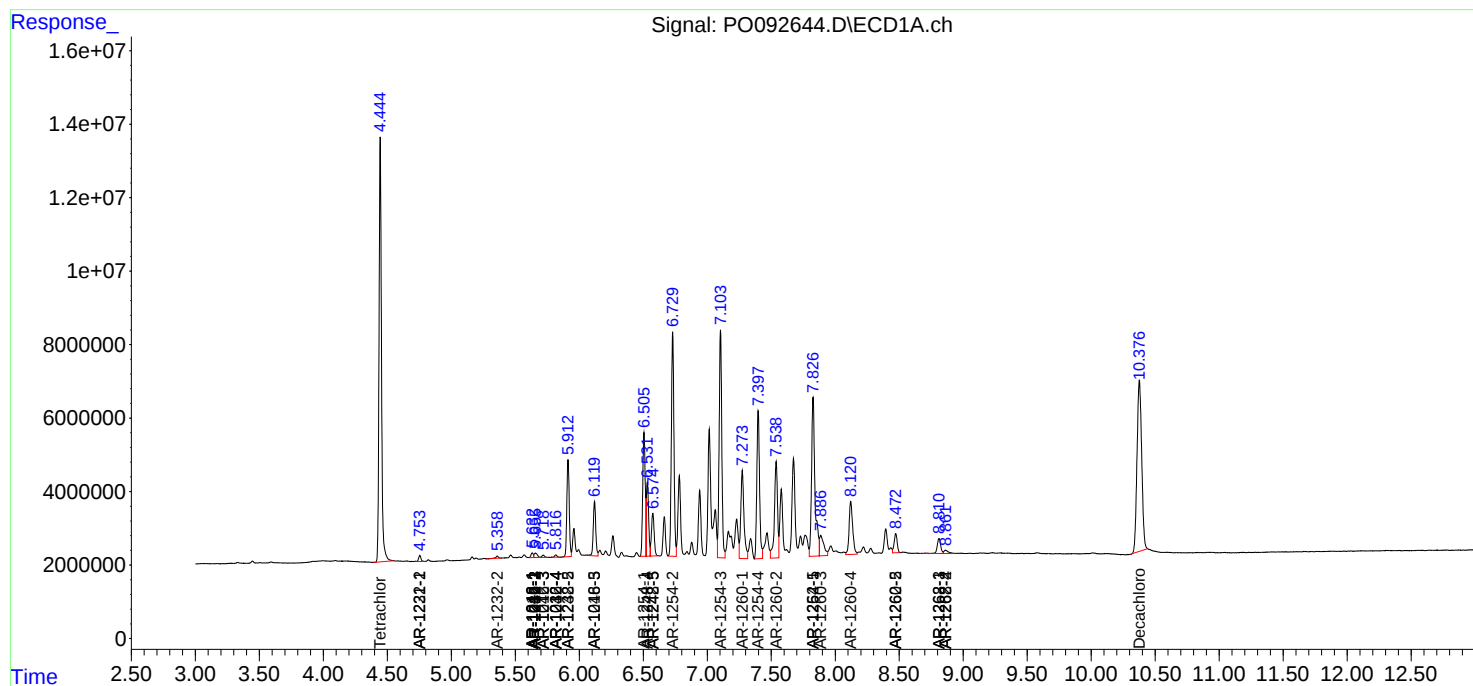
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

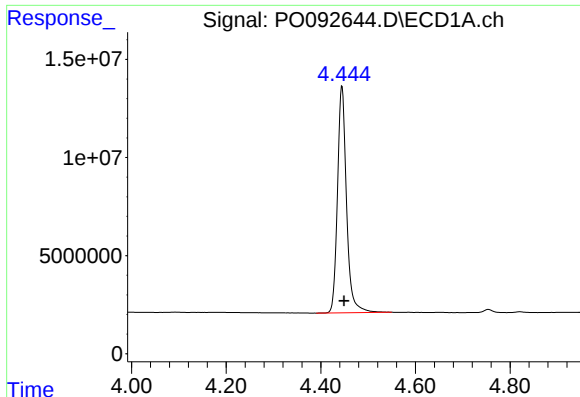
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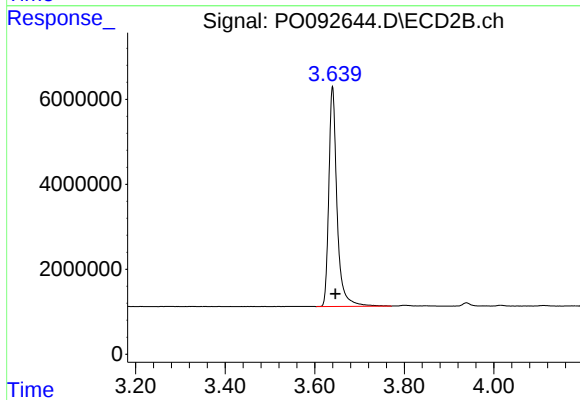




#1 Tetrachloro-m-xylene

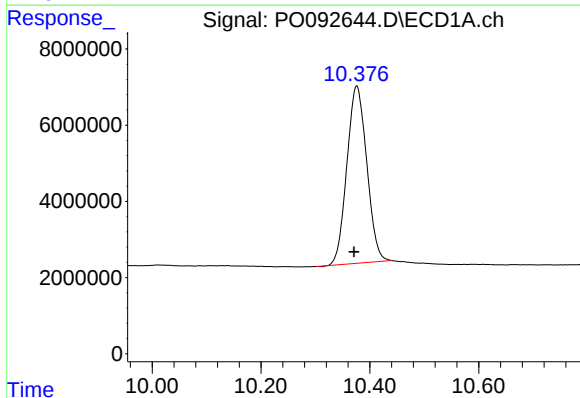
R.T.: 4.445 min
Delta R.T.: -0.004 min
Response: 153566366
Conc: 53.05 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254CCC500



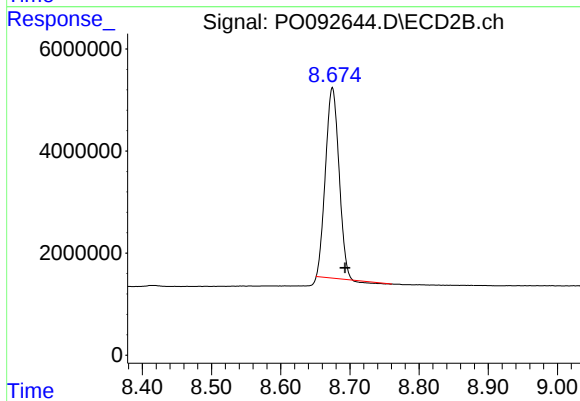
#1 Tetrachloro-m-xylene

R.T.: 3.640 min
Delta R.T.: -0.006 min
Response: 66041862
Conc: 47.03 ng/ml



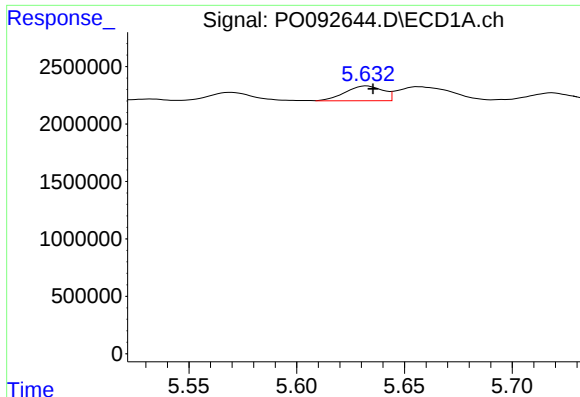
#2 Decachlorobiphenyl

R.T.: 10.376 min
Delta R.T.: 0.005 min
Response: 118072806
Conc: 57.21 ng/ml



#2 Decachlorobiphenyl

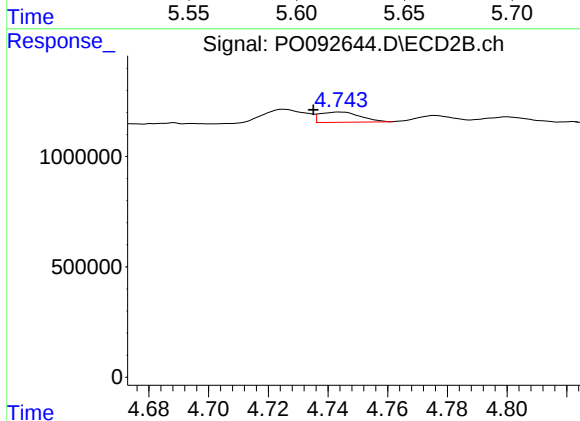
R.T.: 8.675 min
Delta R.T.: -0.018 min
Response: 50112020
Conc: 44.39 ng/ml



#3 AR-1016-1

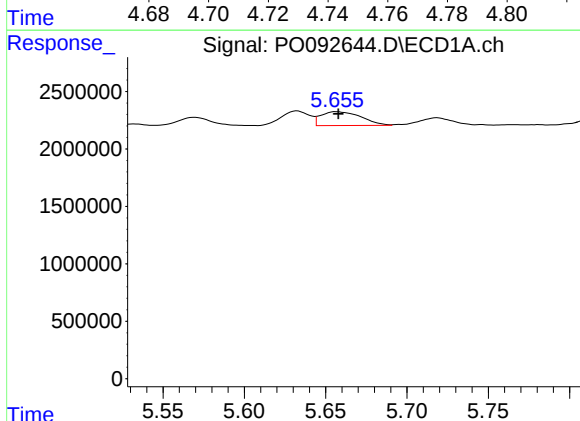
R.T.: 5.632 min
Delta R.T.: -0.003 min
Response: 1559219
Conc: 17.05 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254CCC500



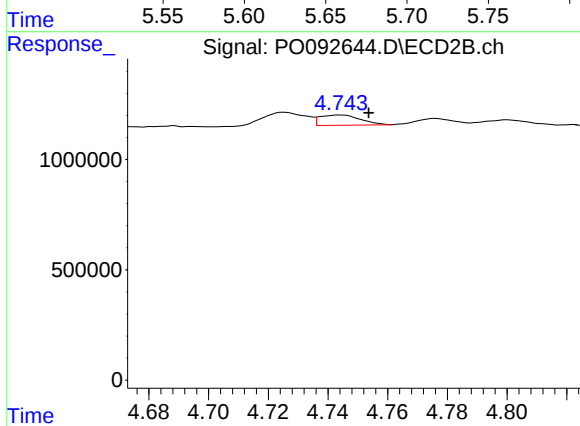
#3 AR-1016-1

R.T.: 4.744 min
Delta R.T.: 0.009 min
Response: 433624
Conc: 9.43 ng/ml



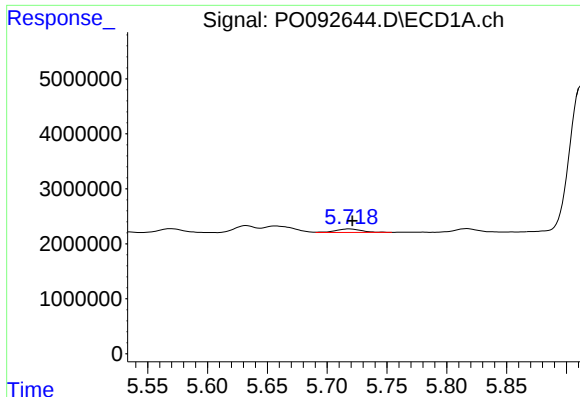
#4 AR-1016-2

R.T.: 5.657 min
Delta R.T.: -0.001 min
Response: 2079179
Conc: 15.53 ng/ml



#4 AR-1016-2

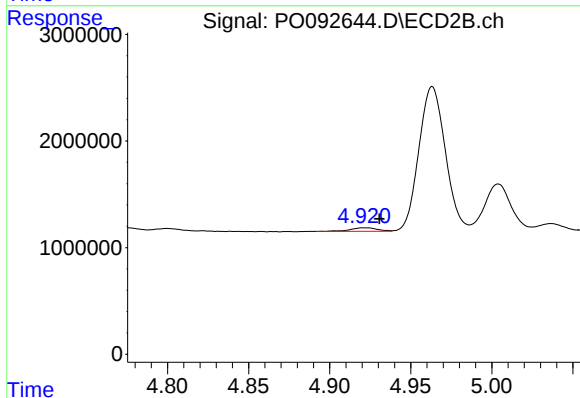
R.T.: 4.744 min
Delta R.T.: -0.010 min
Response: 433624
Conc: 6.61 ng/ml



#5 AR-1016-3

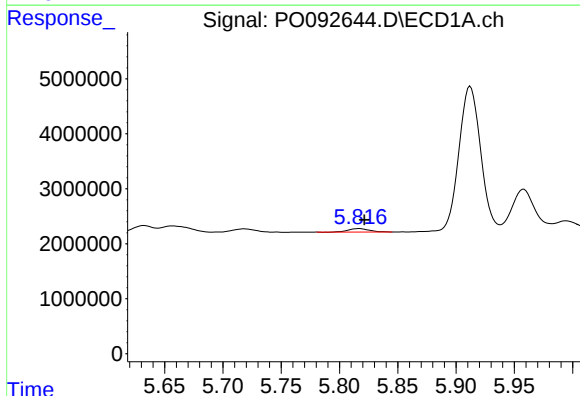
R.T.: 5.719 min
Delta R.T.: -0.002 min
Response: 948797
Conc: 11.03 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254CCC500



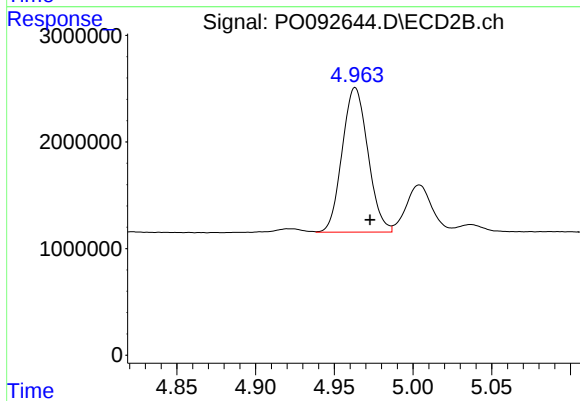
#5 AR-1016-3

R.T.: 4.921 min
Delta R.T.: -0.009 min
Response: 384032
Conc: 10.86 ng/ml



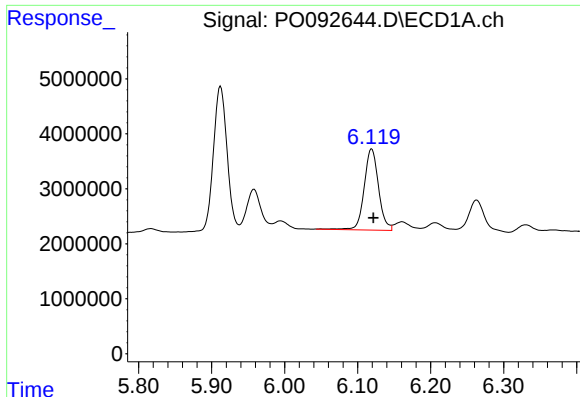
#6 AR-1016-4

R.T.: 5.817 min
Delta R.T.: -0.005 min
Response: 775811
Conc: 11.64 ng/ml



#6 AR-1016-4

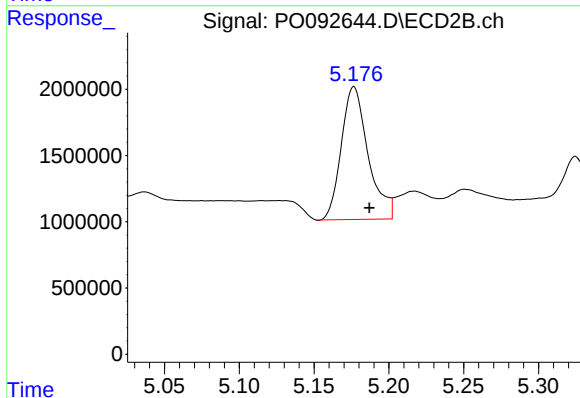
R.T.: 4.963 min
Delta R.T.: -0.009 min
Response: 15442653
Conc: 496.44 ng/ml



#7 AR-1016-5

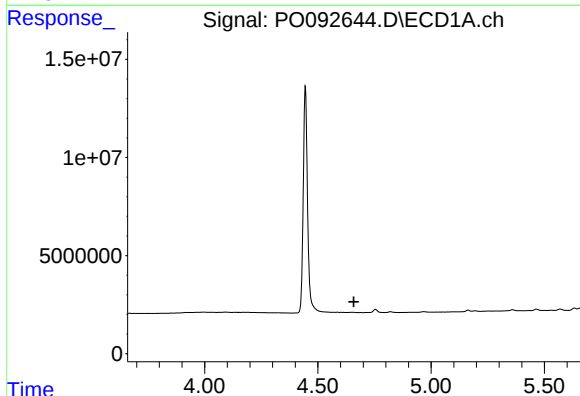
R.T.: 6.119 min
Delta R.T.: -0.002 min
Response: 20132748
Conc: 280.20 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254CCC500



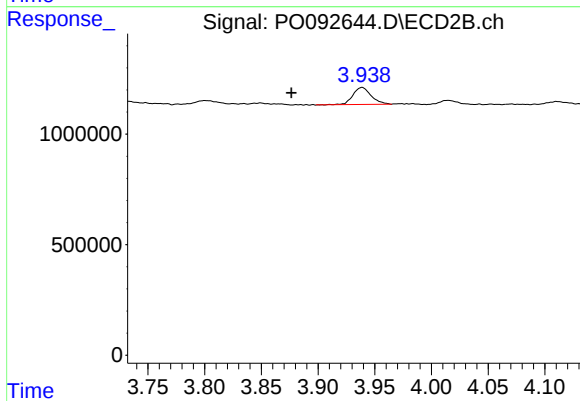
#7 AR-1016-5

R.T.: 5.177 min
Delta R.T.: -0.010 min
Response: 12502341
Conc: 314.40 ng/ml



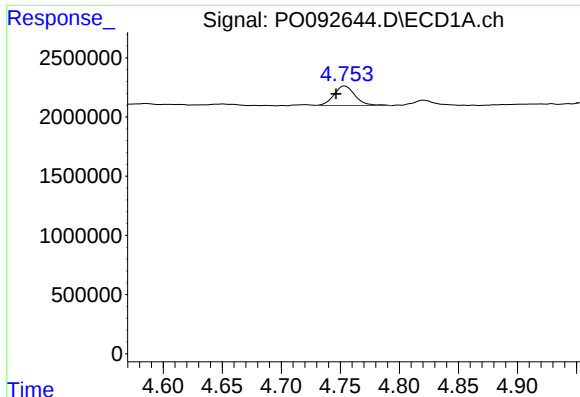
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.659 min
Response: 0
Conc: N.D.



#8 AR-1221-1

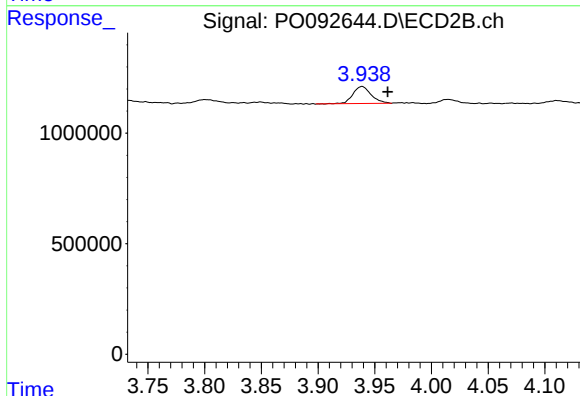
R.T.: 3.939 min
Delta R.T.: 0.062 min
Response: 863542
Conc: 45.62 ng/ml



#9 AR-1221-2

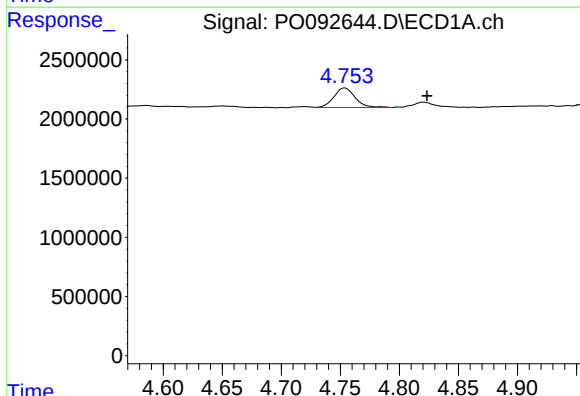
R.T.: 4.754 min
Delta R.T.: 0.007 min
Response: 2058824
Conc: 74.39 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254CCC500



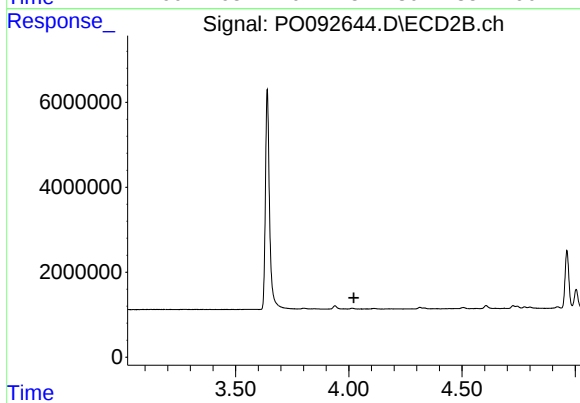
#9 AR-1221-2

R.T.: 3.939 min
Delta R.T.: -0.023 min
Response: 863542
Conc: 61.44 ng/ml



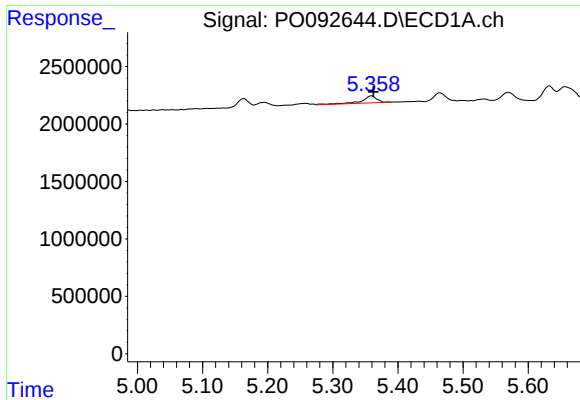
#11 AR-1232-1

R.T.: 4.754 min
Delta R.T.: -0.070 min
Response: 2058824
Conc: 29.75 ng/ml



#11 AR-1232-1

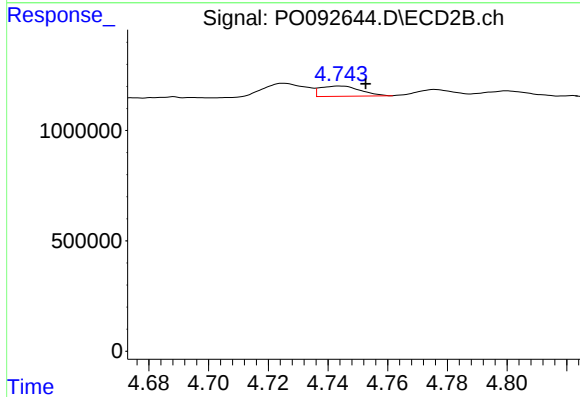
R.T.: 0.000 min
Exp R.T.: 4.022 min
Response: 0
Conc: N.D.



#12 AR-1232-2

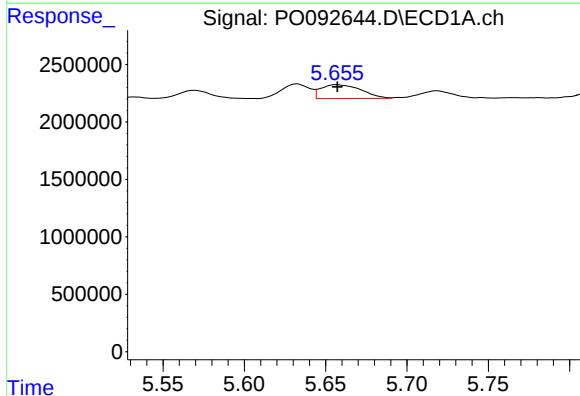
R.T.: 5.359 min
Delta R.T.: -0.003 min
Response: 1008244
Conc: 28.86 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254CCC500



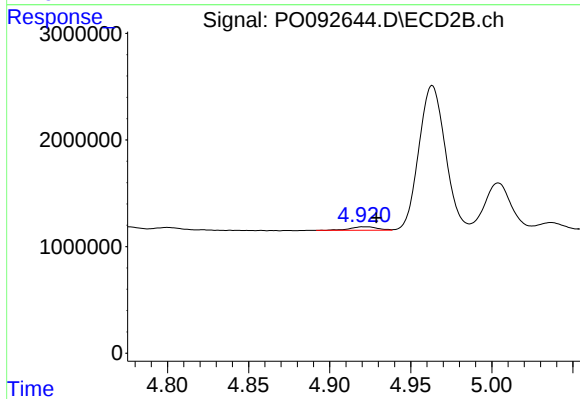
#12 AR-1232-2

R.T.: 4.744 min
Delta R.T.: -0.009 min
Response: 433624
Conc: 14.15 ng/ml



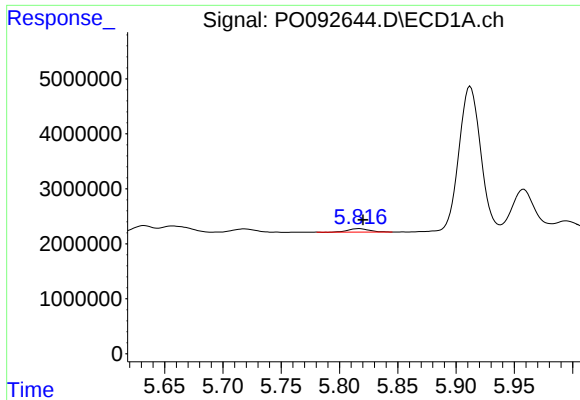
#13 AR-1232-3

R.T.: 5.657 min
Delta R.T.: 0.000 min
Response: 2079179
Conc: 33.96 ng/ml



#13 AR-1232-3

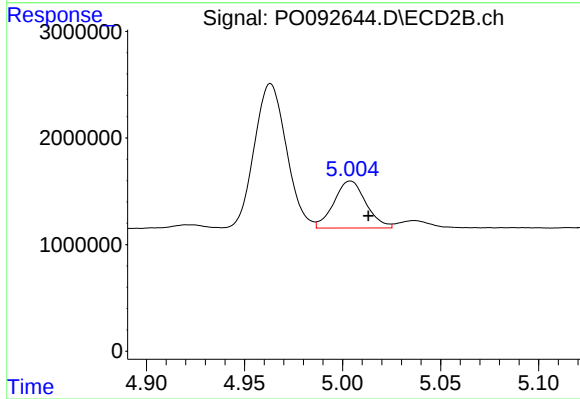
R.T.: 4.921 min
Delta R.T.: -0.008 min
Response: 384032
Conc: 23.85 ng/ml



#14 AR-1232-4

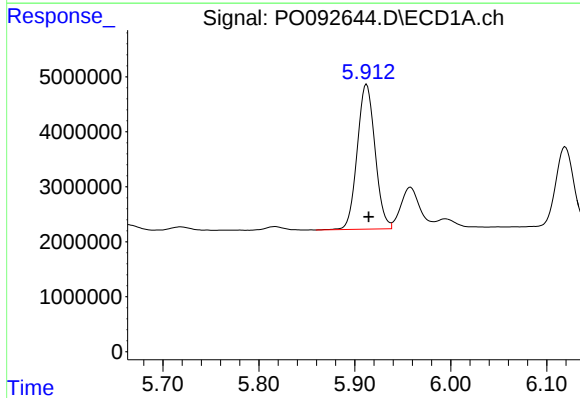
R.T.: 5.817 min
Delta R.T.: -0.004 min
Response: 775811
Conc: 25.89 ng/ml

Instrument :
ECD_O
ClientSampleId :
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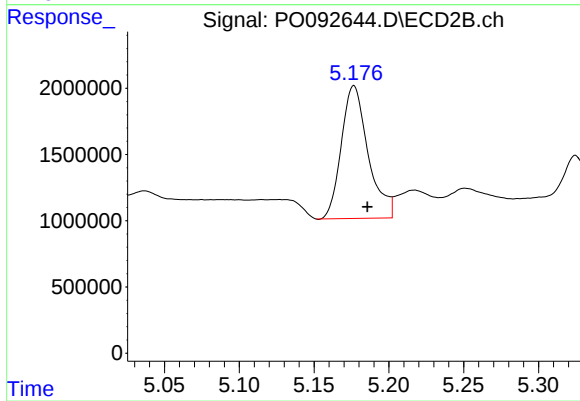
#14 AR-1232-4

R.T.: 5.004 min
Delta R.T.: -0.009 min
Response: 5030917
Conc: 308.01 ng/ml



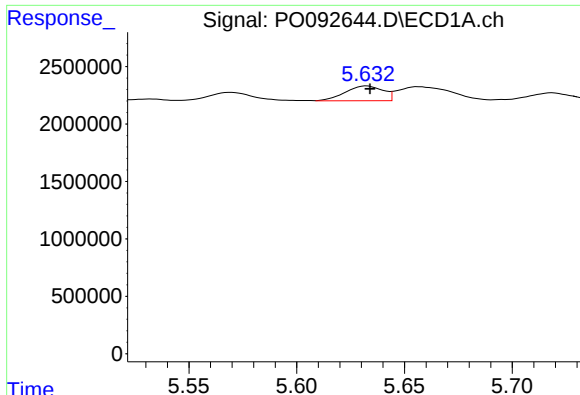
#15 AR-1232-5

R.T.: 5.912 min
Delta R.T.: -0.002 min
Response: 34200987
Conc: 1383.84 ng/ml



#15 AR-1232-5

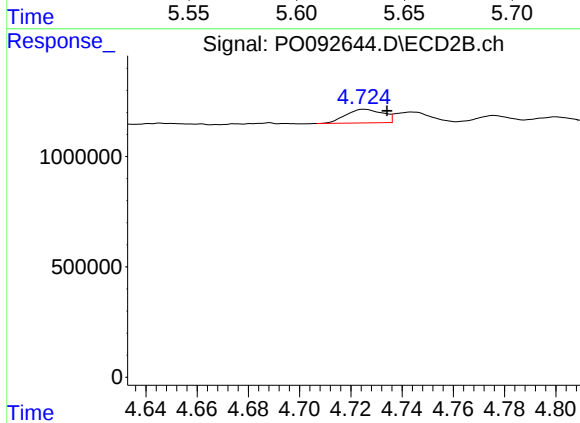
R.T.: 5.177 min
Delta R.T.: -0.009 min
Response: 12502341
Conc: 698.97 ng/ml



#16 AR-1242-1

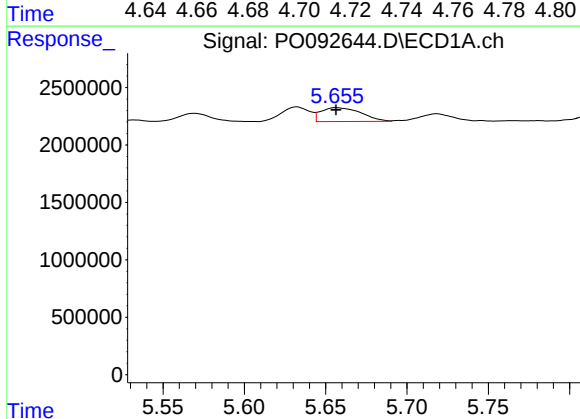
R.T.: 5.632 min
Delta R.T.: -0.002 min
Response: 1559219
Conc: 19.99 ng/ml

Instrument :
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ClientSampleId :
AR1254CCC500



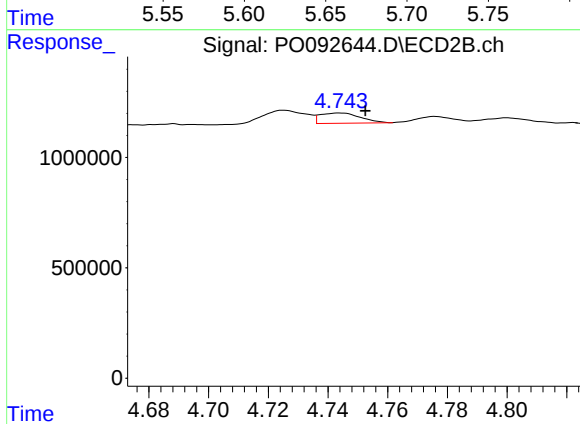
#16 AR-1242-1

R.T.: 4.725 min
Delta R.T.: -0.009 min
Response: 620703
Conc: 15.91 ng/ml



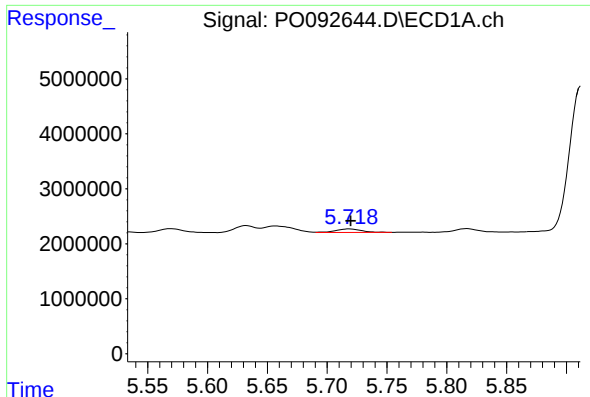
#17 AR-1242-2

R.T.: 5.657 min
Delta R.T.: 0.000 min
Response: 2079179
Conc: 18.47 ng/ml



#17 AR-1242-2

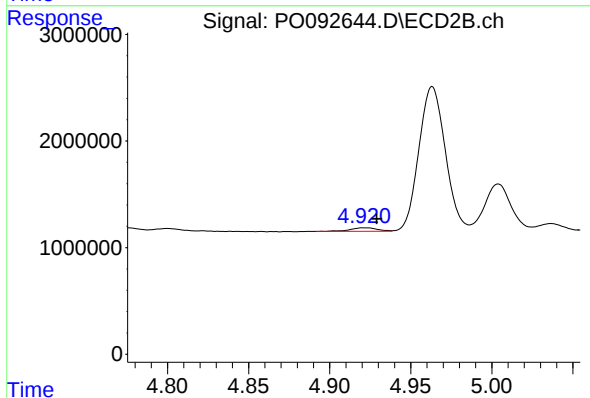
R.T.: 4.744 min
Delta R.T.: -0.008 min
Response: 433624
Conc: 7.98 ng/ml



#18 AR-1242-3

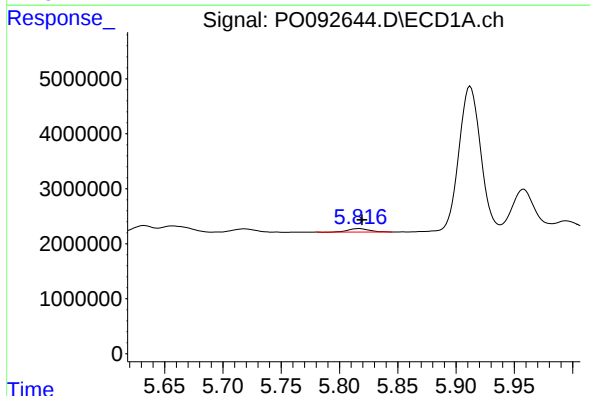
R.T.: 5.719 min
Delta R.T.: -0.001 min
Response: 948797
Conc: 13.07 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254CCC500



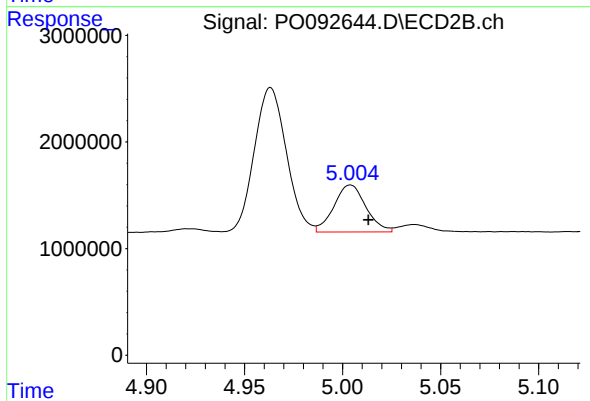
#18 AR-1242-3

R.T.: 4.921 min
Delta R.T.: -0.008 min
Response: 384032
Conc: 13.19 ng/ml



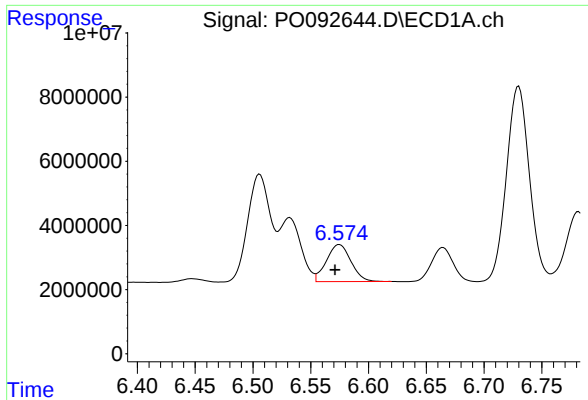
#19 AR-1242-4

R.T.: 5.817 min
Delta R.T.: -0.003 min
Response: 775811
Conc: 14.01 ng/ml



#19 AR-1242-4

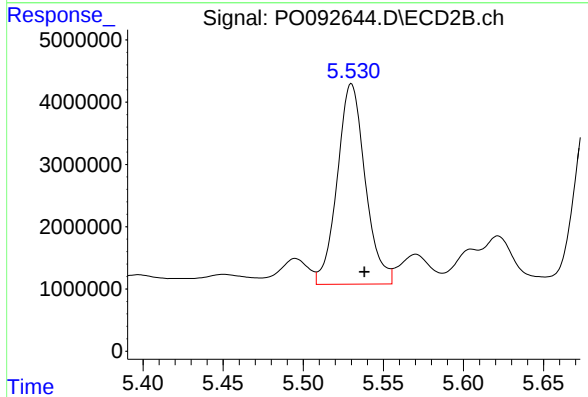
R.T.: 5.004 min
Delta R.T.: -0.009 min
Response: 5030917
Conc: 156.41 ng/ml



#20 AR-1242-5

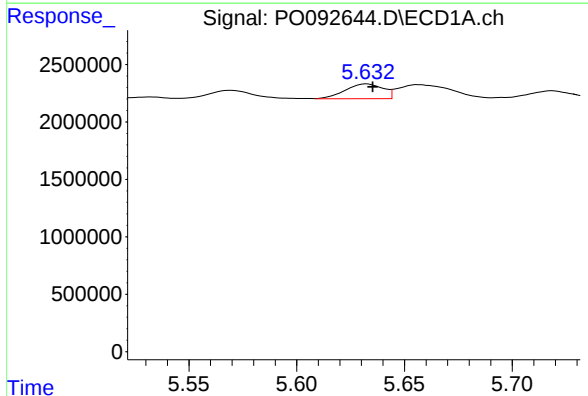
R.T.: 6.575 min
Delta R.T.: 0.004 min
Response: 17069988
Conc: 305.79 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254CCC500



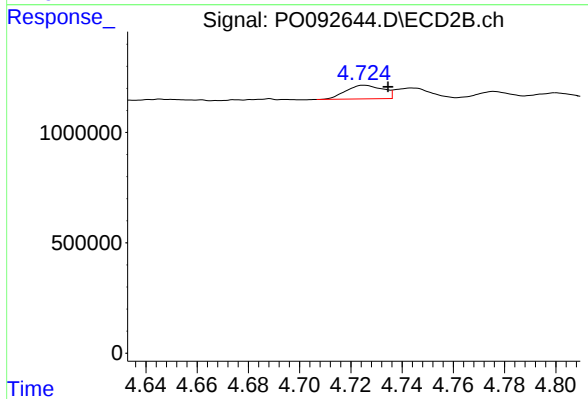
#20 AR-1242-5

R.T.: 5.530 min
Delta R.T.: -0.008 min
Response: 39135602
Conc: 1081.04 ng/ml



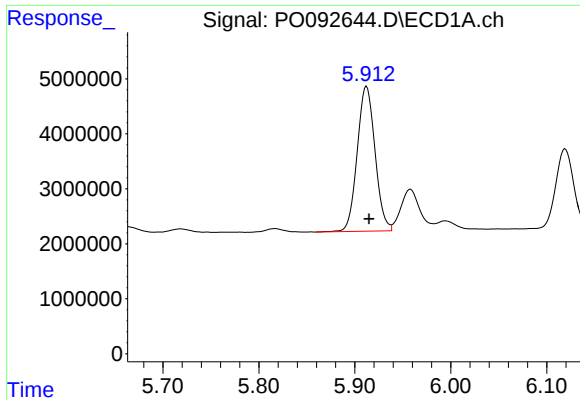
#21 AR-1248-1

R.T.: 5.632 min
Delta R.T.: -0.003 min
Response: 1559219
Conc: 26.86 ng/ml



#21 AR-1248-1

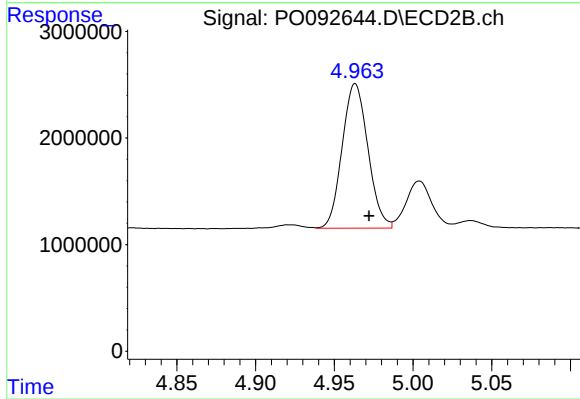
R.T.: 4.725 min
Delta R.T.: -0.009 min
Response: 620703
Conc: 21.31 ng/ml



#22 AR-1248-2

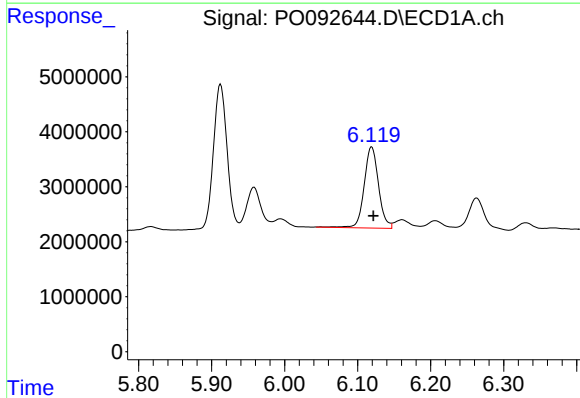
R.T.: 5.912 min
Delta R.T.: -0.003 min
Response: 34200987
Conc: 374.26 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254CCC500



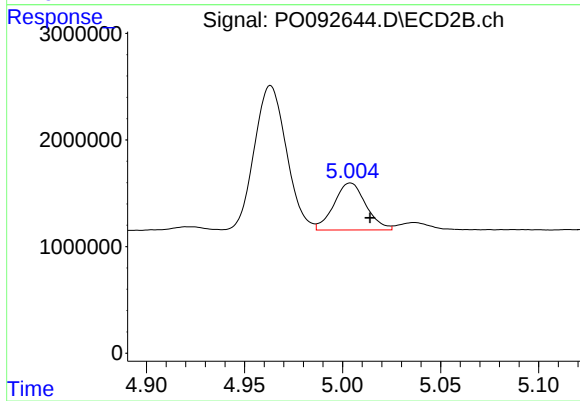
#22 AR-1248-2

R.T.: 4.963 min
Delta R.T.: -0.009 min
Response: 15442653
Conc: 342.28 ng/ml



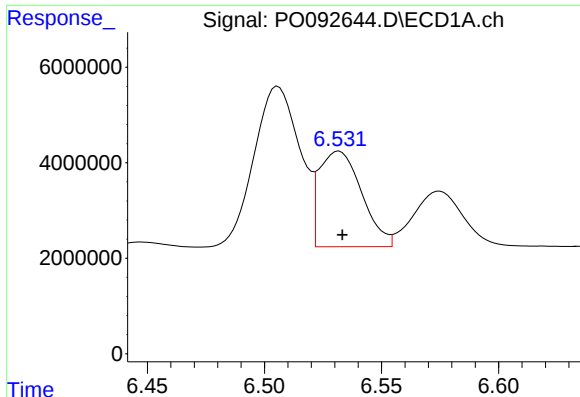
#23 AR-1248-3

R.T.: 6.119 min
Delta R.T.: -0.002 min
Response: 20132748
Conc: 205.28 ng/ml



#23 AR-1248-3

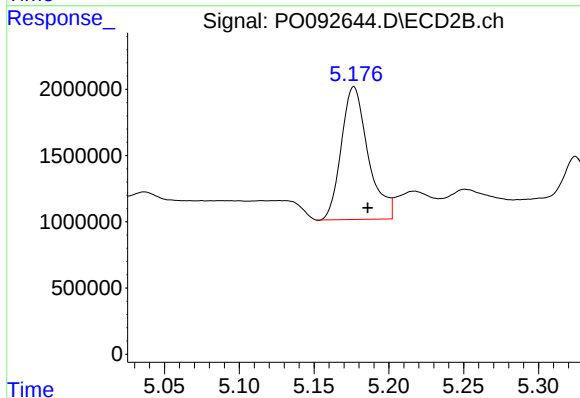
R.T.: 5.004 min
Delta R.T.: -0.010 min
Response: 5030917
Conc: 107.87 ng/ml



#24 AR-1248-4

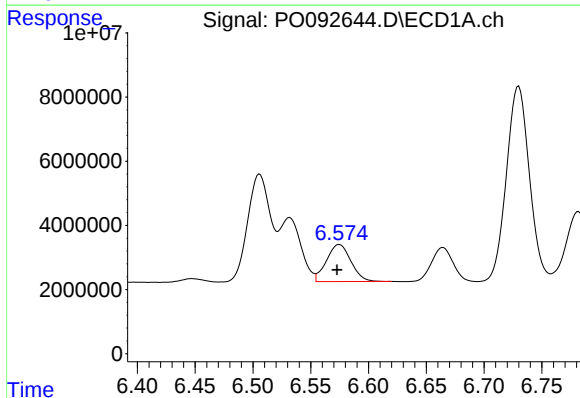
R.T.: 6.532 min
Delta R.T.: -0.001 min
Response: 25362054
Conc: 259.04 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254CCC500



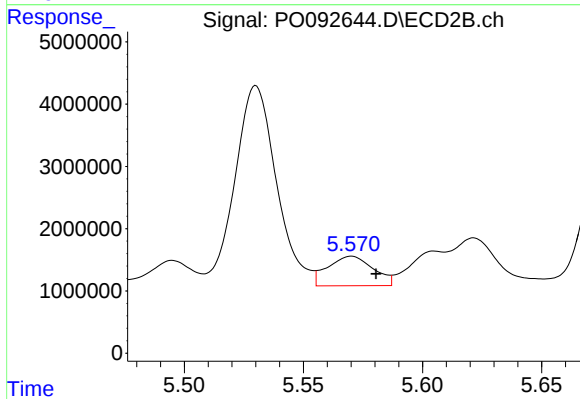
#24 AR-1248-4

R.T.: 5.177 min
Delta R.T.: -0.009 min
Response: 12502341
Conc: 232.69 ng/ml



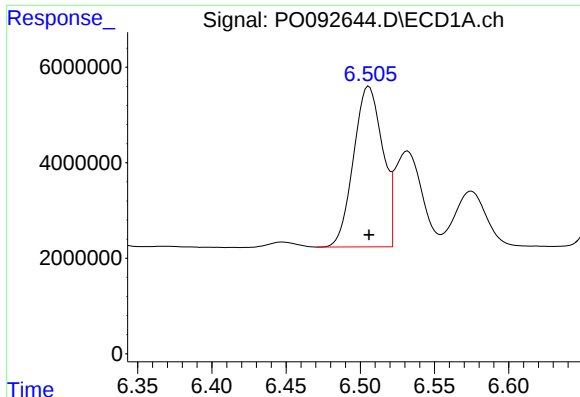
#25 AR-1248-5

R.T.: 6.575 min
Delta R.T.: 0.002 min
Response: 17069988
Conc: 181.06 ng/ml



#25 AR-1248-5

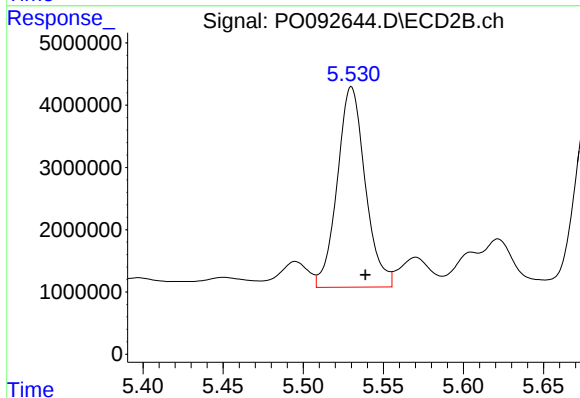
R.T.: 5.570 min
Delta R.T.: -0.010 min
Response: 6307778
Conc: 133.24 ng/ml



#26 AR-1254-1

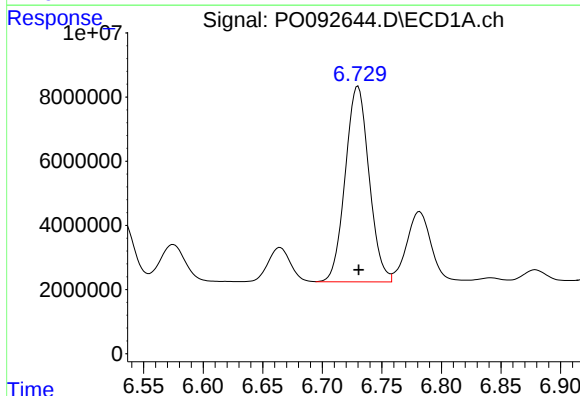
R.T.: 6.506 min
Delta R.T.: 0.000 min
Response: 45808577
Conc: 413.75 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254CCC500



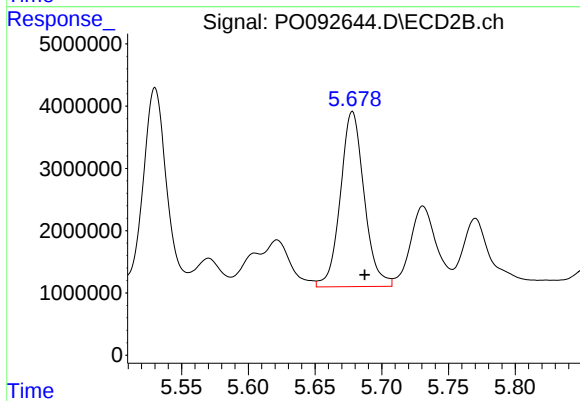
#26 AR-1254-1

R.T.: 5.530 min
Delta R.T.: -0.009 min
Response: 39135602
Conc: 499.24 ng/ml



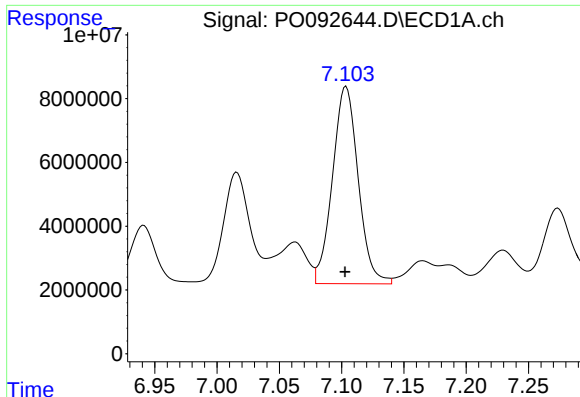
#27 AR-1254-2

R.T.: 6.730 min
Delta R.T.: 0.000 min
Response: 84821629
Conc: 521.80 ng/ml



#27 AR-1254-2

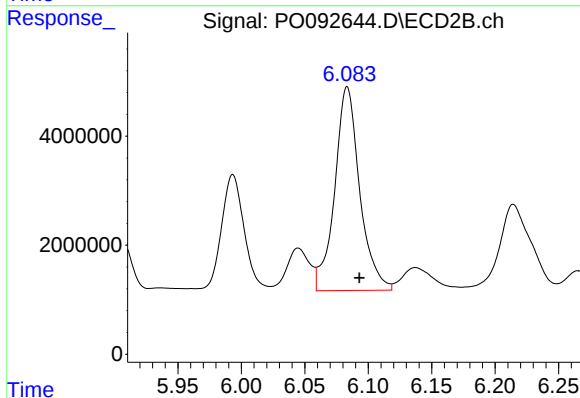
R.T.: 5.678 min
Delta R.T.: -0.009 min
Response: 34887403
Conc: 504.22 ng/ml



#28 AR-1254-3

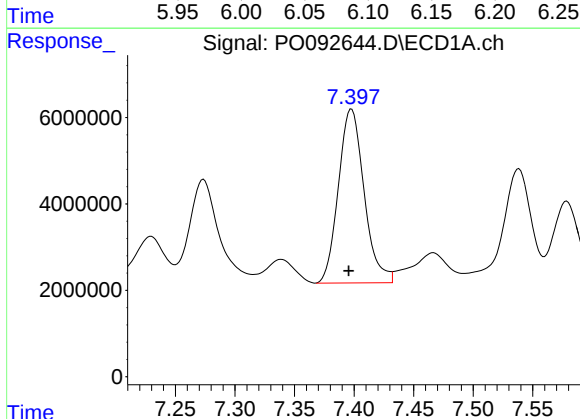
R.T.: 7.104 min
Delta R.T.: 0.000 min
Response: 89035186
Conc: 539.84 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254CCC500



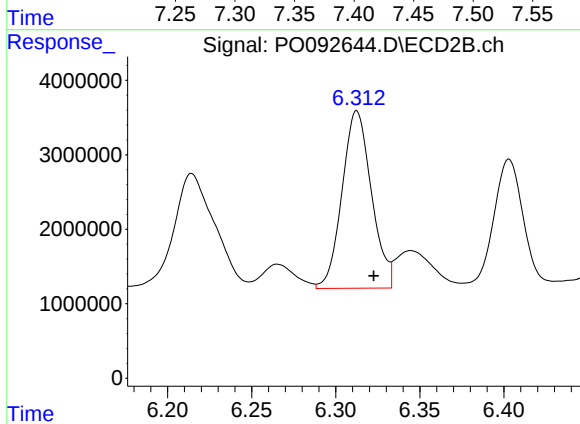
#28 AR-1254-3

R.T.: 6.083 min
Delta R.T.: -0.010 min
Response: 51256231
Conc: 480.22 ng/ml



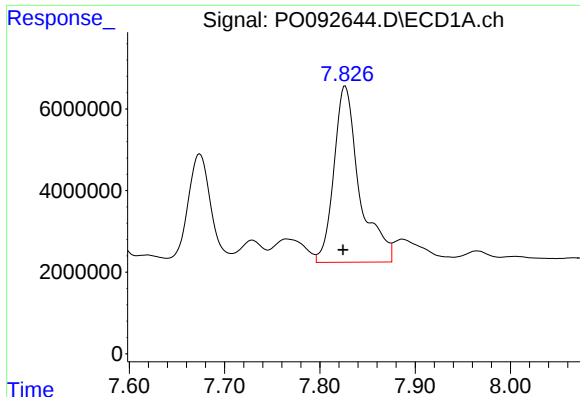
#29 AR-1254-4

R.T.: 7.398 min
Delta R.T.: 0.003 min
Response: 60429229
Conc: 552.44 ng/ml



#29 AR-1254-4

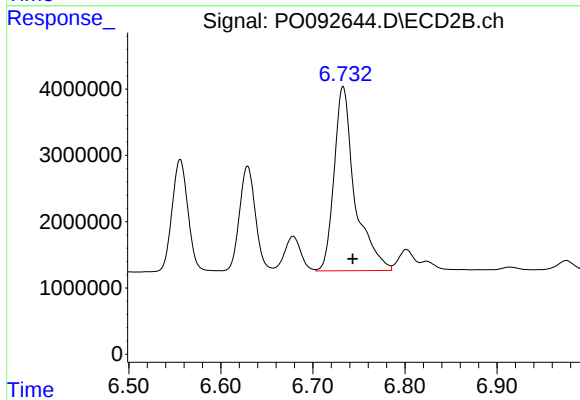
R.T.: 6.313 min
Delta R.T.: -0.010 min
Response: 28989497
Conc: 492.23 ng/ml



#30 AR-1254-5

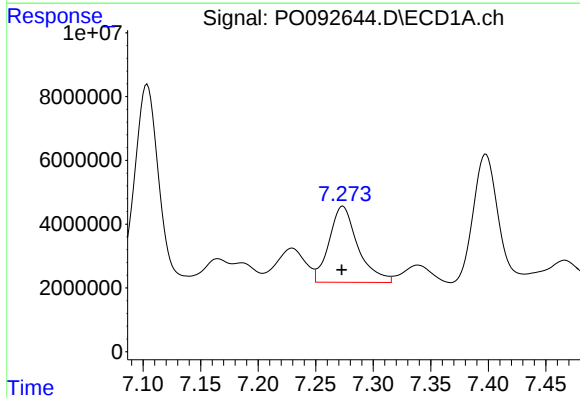
R.T.: 7.827 min
Delta R.T.: 0.002 min
Response: 80587106
Conc: 572.76 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254CCC500



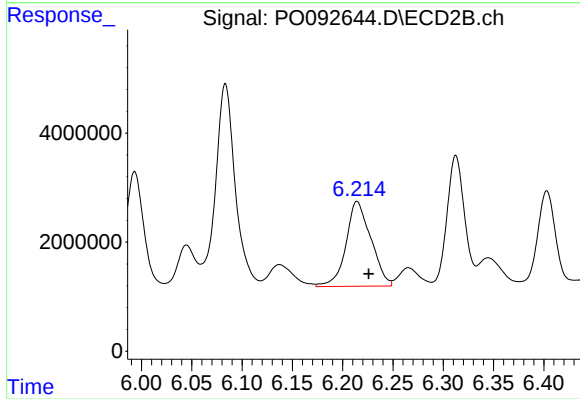
#30 AR-1254-5

R.T.: 6.733 min
Delta R.T.: -0.010 min
Response: 43324801
Conc: 476.02 ng/ml



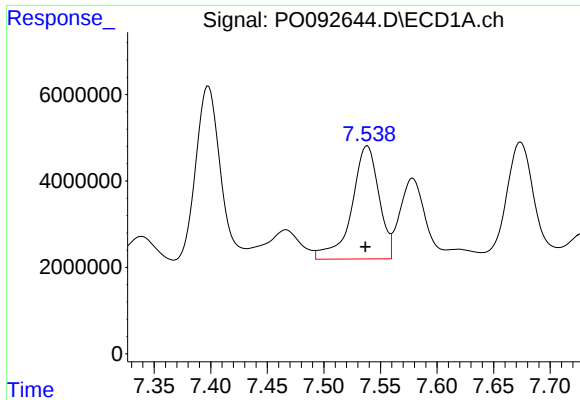
#31 AR-1260-1

R.T.: 7.274 min
Delta R.T.: 0.001 min
Response: 41558980
Conc: 315.42 ng/ml



#31 AR-1260-1

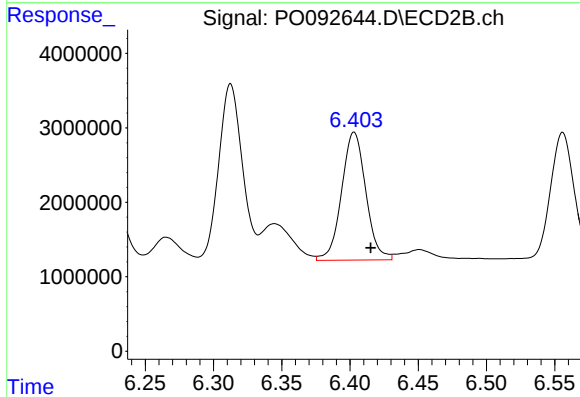
R.T.: 6.214 min
Delta R.T.: -0.012 min
Response: 26867878
Conc: 355.68 ng/ml



#32 AR-1260-2

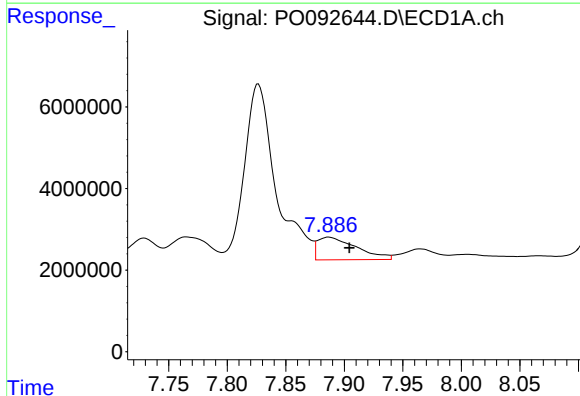
R.T.: 7.538 min
Delta R.T.: 0.002 min
Response: 43873647
Conc: 295.87 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254CCC500



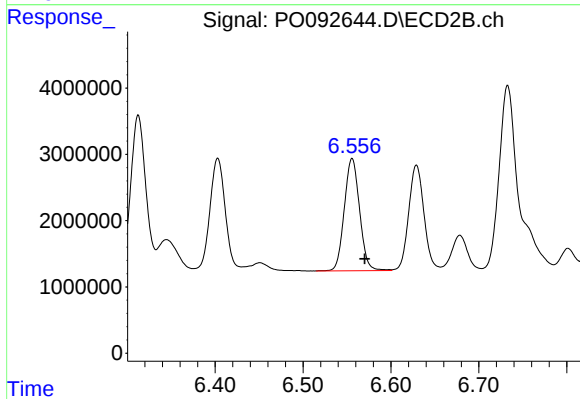
#32 AR-1260-2

R.T.: 6.403 min
Delta R.T.: -0.012 min
Response: 21243026
Conc: 242.46 ng/ml



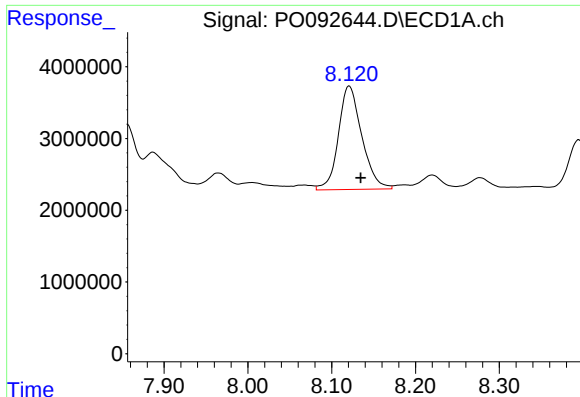
#33 AR-1260-3

R.T.: 7.887 min
Delta R.T.: -0.018 min
Response: 12898232
Conc: 113.88 ng/ml



#33 AR-1260-3

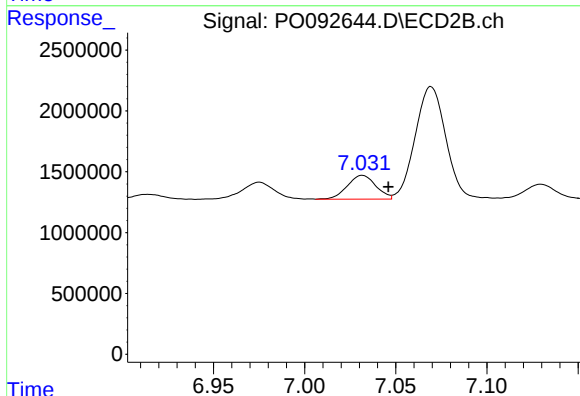
R.T.: 6.556 min
Delta R.T.: -0.014 min
Response: 20445967
Conc: 235.85 ng/ml



#34 AR-1260-4

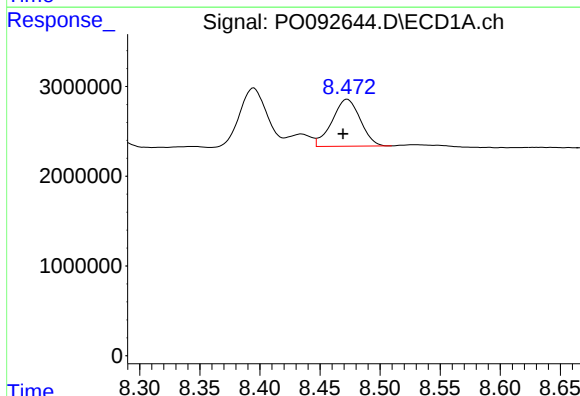
R.T.: 8.121 min
Delta R.T.: -0.013 min
Response: 28004778
Conc: 225.91 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254CCC500



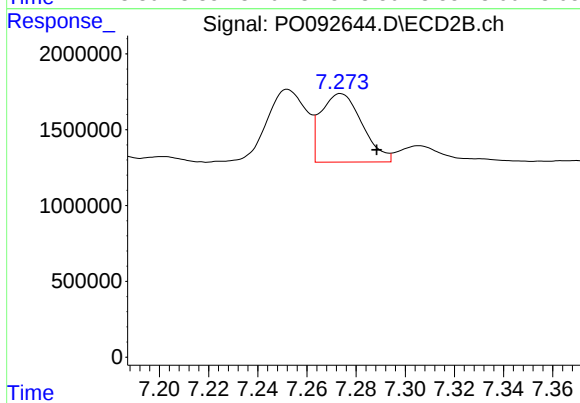
#34 AR-1260-4

R.T.: 7.032 min
Delta R.T.: -0.014 min
Response: 2128162
Conc: 31.78 ng/ml



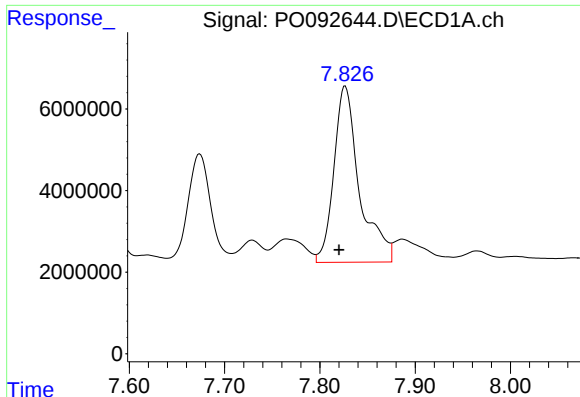
#35 AR-1260-5

R.T.: 8.473 min
Delta R.T.: 0.004 min
Response: 8570615
Conc: 38.60 ng/ml



#35 AR-1260-5

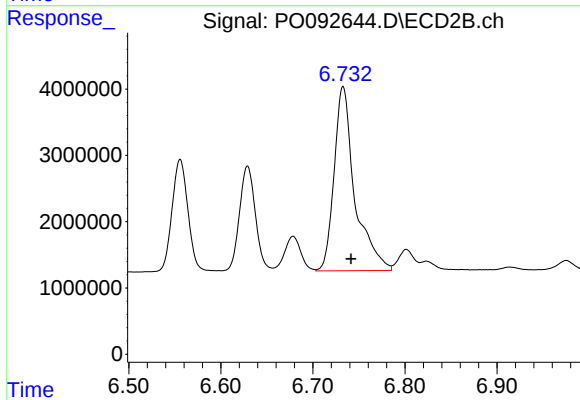
R.T.: 7.274 min
Delta R.T.: -0.015 min
Response: 5267157
Conc: 37.01 ng/ml



#36 AR-1262-1

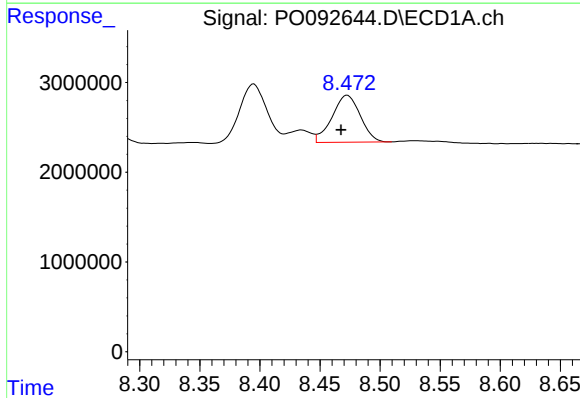
R.T.: 7.827 min
Delta R.T.: 0.007 min
Response: 80587106
Conc: 745.83 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254CCC500



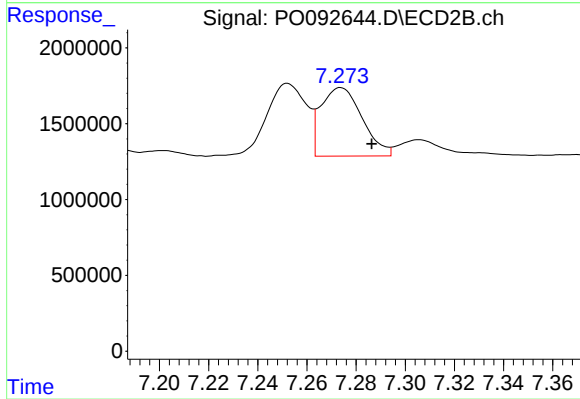
#36 AR-1262-1

R.T.: 6.733 min
Delta R.T.: -0.009 min
Response: 43324801
Conc: 933.53 ng/ml



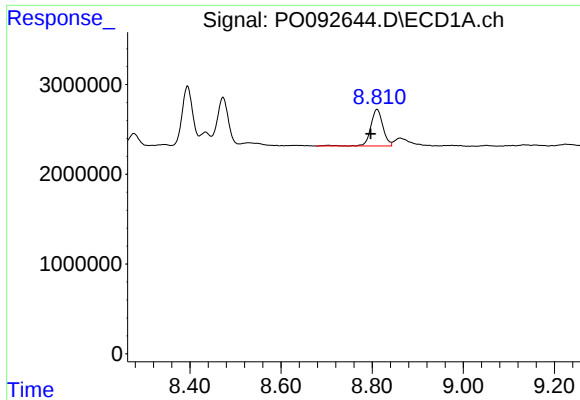
#37 AR-1262-2

R.T.: 8.473 min
Delta R.T.: 0.005 min
Response: 8570615
Conc: 35.90 ng/ml



#37 AR-1262-2

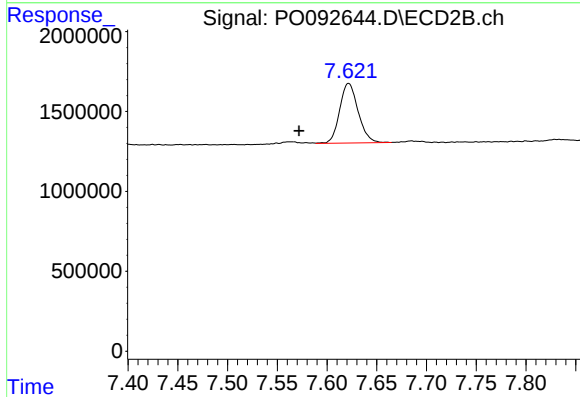
R.T.: 7.274 min
Delta R.T.: -0.013 min
Response: 5267157
Conc: 35.70 ng/ml



#38 AR-1262-3

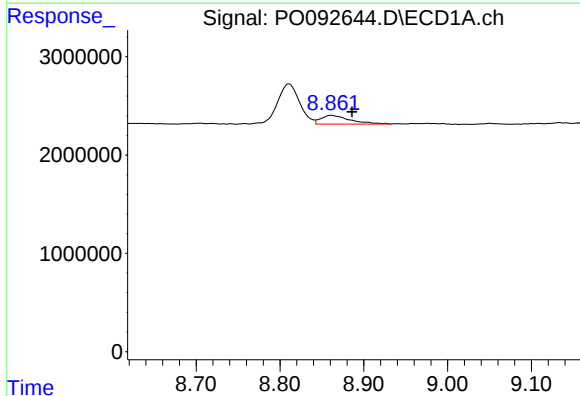
R.T.: 8.811 min
Delta R.T.: 0.014 min
Response: 7557938
Conc: 44.71 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254CCC500



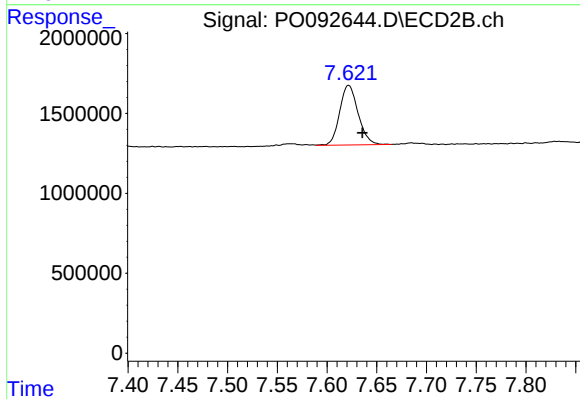
#38 AR-1262-3

R.T.: 7.622 min
Delta R.T.: 0.050 min
Response: 4822858
Conc: 77.17 ng/ml



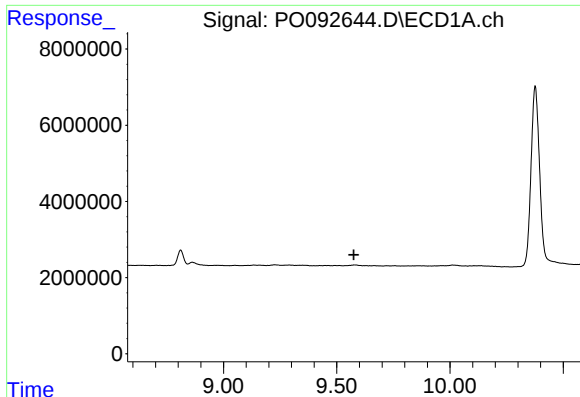
#39 AR-1262-4

R.T.: 8.861 min
Delta R.T.: -0.024 min
Response: 2142018
Conc: 21.05 ng/ml



#39 AR-1262-4

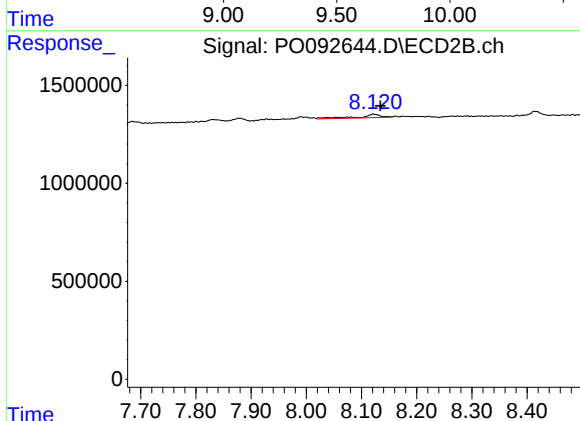
R.T.: 7.622 min
Delta R.T.: -0.014 min
Response: 4822858
Conc: 44.02 ng/ml



#40 AR-1262-5

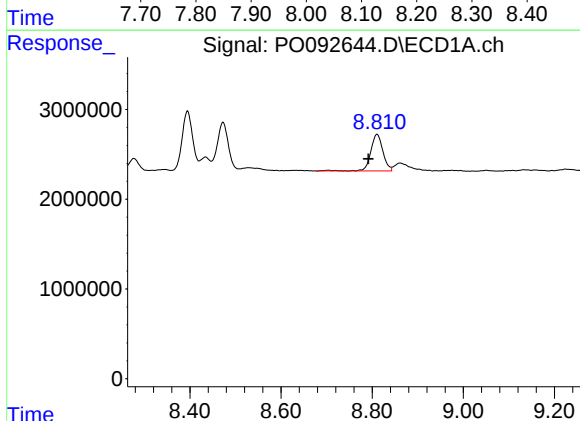
R.T.: 0.000 min
Exp R.T.: 9.575 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
AR1254CCC500



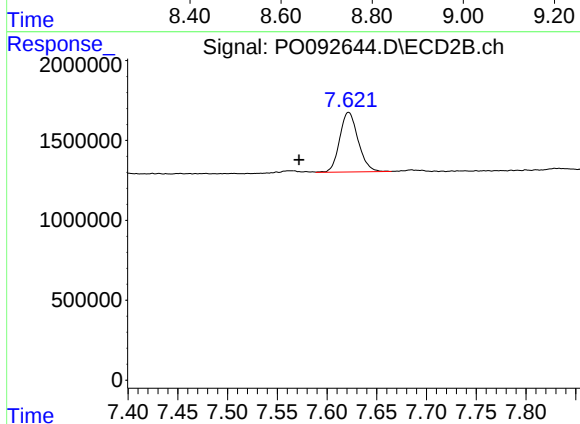
#40 AR-1262-5

R.T.: 8.121 min
Delta R.T.: -0.013 min
Response: 478371
Conc: 9.28 ng/ml



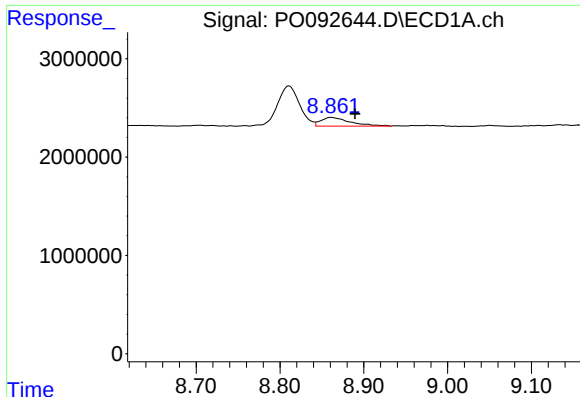
#41 AR-1268-1

R.T.: 8.811 min
Delta R.T.: 0.019 min
Response: 7557938
Conc: 23.89 ng/ml



#41 AR-1268-1

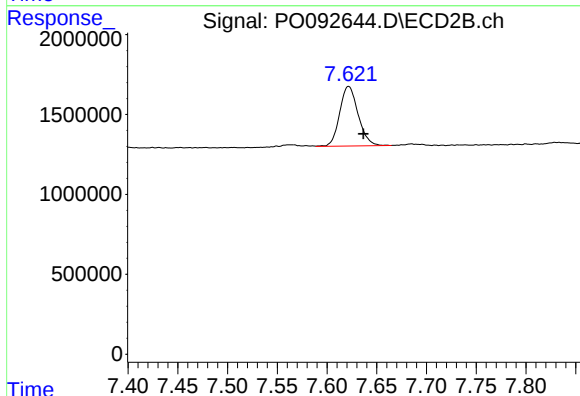
R.T.: 7.622 min
Delta R.T.: 0.050 min
Response: 4822858
Conc: 26.50 ng/ml



#42 AR-1268-2

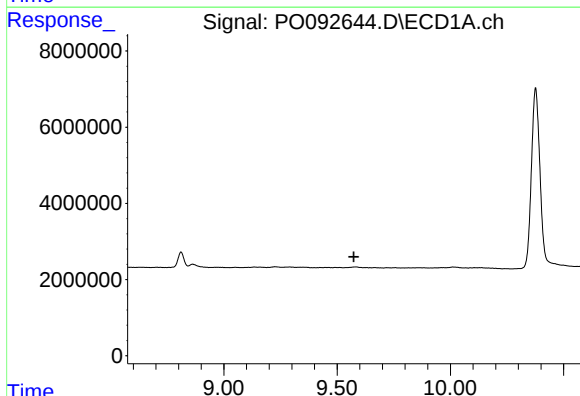
R.T.: 8.861 min
Delta R.T.: -0.028 min
Response: 2142018
Conc: 7.10 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254CCC500



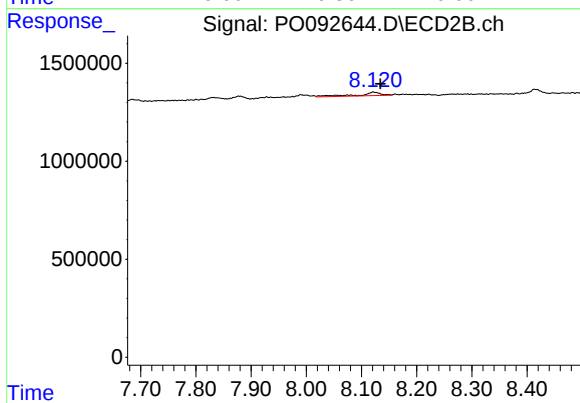
#42 AR-1268-2

R.T.: 7.622 min
Delta R.T.: -0.015 min
Response: 4822858
Conc: 29.14 ng/ml



#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 9.574 min
Response: 0
Conc: N.D.



#44 AR-1268-4

R.T.: 8.121 min
Delta R.T.: -0.013 min
Response: 478371
Conc: 7.62 ng/ml