

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0042023\
 Data File : P0094412.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Apr 2023 10:28
 Operator : YP/AJ
 Sample : 02270-07
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 20 21:32:15 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0041923.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Apr 20 05:15:06 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...	4.416	3.618	70339329	27156880	21.865	21.024
2)	SA Decachlor...	10.252	8.632	68478305	29292724	32.037	29.410
Target Compounds							
3)	L1 AR-1016-1	5.594	4.699	6978485	2584423	76.681	70.213
4)	L1 AR-1016-2	5.616	4.718	17049750	4873288	121.479	85.863 #
5)	L1 AR-1016-3	5.679	4.893	6036631	3569867	66.854	120.742 #
6)	L1 AR-1016-4	5.777	4.936	3764301	3735848	55.131	136.423 #
7)	L1 AR-1016-5	6.075	5.149	22848426	489185	298.977	14.002 #
8)	L2 AR-1221-1	4.623	3.835	6975962	798716	169.851	48.144 #
9)	L2 AR-1221-2	4.722	3.901	2883900	2311698	95.254	187.207 #
10)	L2 AR-1221-3	4.789	3.991	4124057	1315802	43.978	34.535
11)	L3 AR-1232-1	4.789	3.991	4124057	1315802	51.967	39.826
12)	L3 AR-1232-2	5.323	4.718	15603992	4873288	397.087	173.694 #
13)	L3 AR-1232-3	5.616	4.893	17049750	3569867	254.657	252.849
14)	L3 AR-1232-4	5.777	4.978	3764301	1927100	117.388	128.041
15)	L3 AR-1232-5	5.871	5.149	8745715	489185	289.858	30.139 #
16)	L4 AR-1242-1	5.594	4.699	6978485	2584423	88.277	81.187
17)	L4 AR-1242-2	5.616	4.718	17049750	4873288	140.481	102.025 #
18)	L4 AR-1242-3	5.679	4.893	6036631	3569867	77.028	141.053 #
19)	L4 AR-1242-4	5.777	4.978	3764301	1927100	64.559	66.327
20)	L4 AR-1242-5	6.534	5.503	36567863	17330522	611.600	589.421
21)	L5 AR-1248-1	5.594	4.699	6978485	2584423	115.740	104.879
22)	L5 AR-1248-2	5.871	4.936	8745715	3735848	84.745	91.062
23)	L5 AR-1248-3	6.075	4.978	22848426	1927100	207.965	45.320 #
24)	L5 AR-1248-4	6.490	5.149	26750314	489185	273.144	10.099 #
25)	L5 AR-1248-5	6.534	5.543	36567863	3434639	348.413	89.614 #
26)	L6 AR-1254-1	6.452	5.503	53363619	17330522	431.547	247.955 #
27)	L6 AR-1254-2	6.681	5.649	44160133	9405754	243.920	150.215 #
28)	L6 AR-1254-3	7.050	6.054	53970083	38415879	316.365	415.533 #
29)	L6 AR-1254-4	7.339	6.282	-3636503	2925627	N.D.	69.048 #
30)	L6 AR-1254-5	7.782	6.701	609.1E6	258.1E6	5101.980	3443.536 #
31)	L7 AR-1260-1	7.215	6.184	33624595	27521449	251.561	409.981 #
32)	L7 AR-1260-2	7.468	6.376	133.4E6	60780526	952.867	817.655
33)	L7 AR-1260-3	7.837	6.526	53233911	23191230	466.819	324.718 #
34)	L7 AR-1260-4	8.065	6.999	36830104	21584227	307.718	367.059
35)	L7 AR-1260-5	8.393	7.243	100.2E6	55391986	485.771	487.330
36)	L8 AR-1262-1	7.837	6.794	53233911	13315578	331.441	365.057
37)	L8 AR-1262-2	8.393	6.999	100.2E6	21584227	458.422	294.090 #
38)	L8 AR-1262-3	8.720	7.527	74429094	16396590	474.743	305.769 #
39)	L8 AR-1262-4	8.802	7.591	52896234	37417570	574.199	400.455 #
40)	L8 AR-1262-5	9.477	8.088	31201618	14138549	426.723	375.069
41)	L9 AR-1268-1	8.720	7.527	74429094	16396590	234.686	98.634 #

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 Sample : 02270-07
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

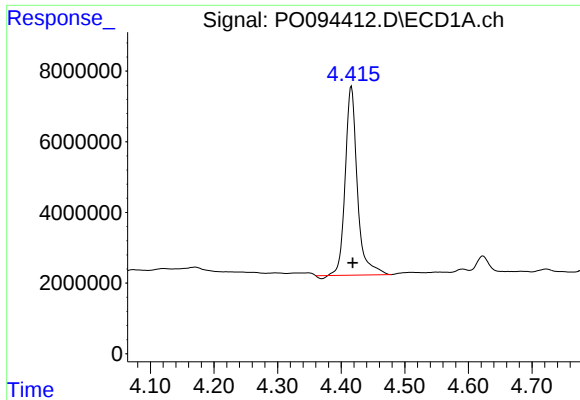
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 20 21:32:15 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0041923.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	8.802	7.591	52896234	37417570	187.503	243.049 #
43) L9	AR-1268-3	9.041	7.798	8852748	5159691	33.586	37.595
44) L9	AR-1268-4	9.477	8.088	31201618	14138549	369.873	311.964
45) L9	AR-1268-5	9.905	8.380	34760825	15797100	43.452	42.349

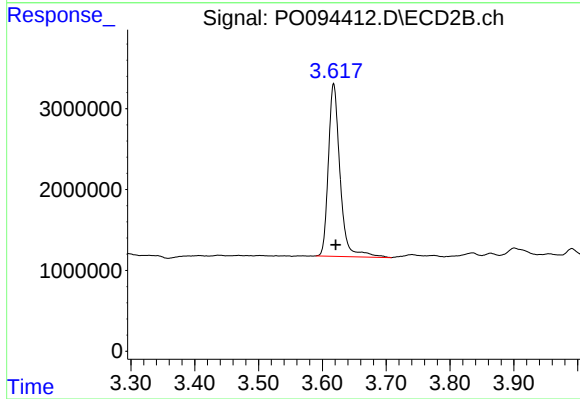
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

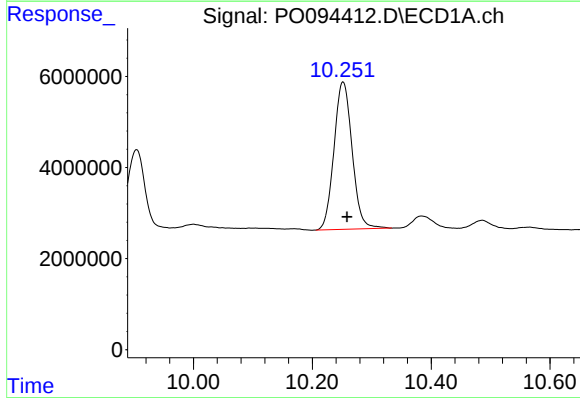
R.T.: 4.416 min
Delta R.T.: -0.002 min
Response: 70339329
Conc: 21.86 ng/ml

Instrument :
ECD_O
ClientSampleId :



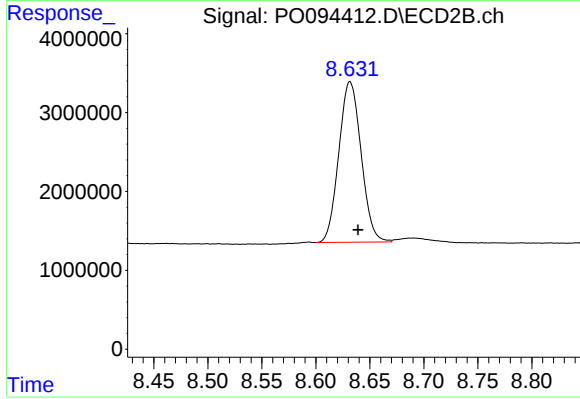
#1 Tetrachloro-m-xylene

R.T.: 3.618 min
Delta R.T.: -0.003 min
Response: 27156880
Conc: 21.02 ng/ml



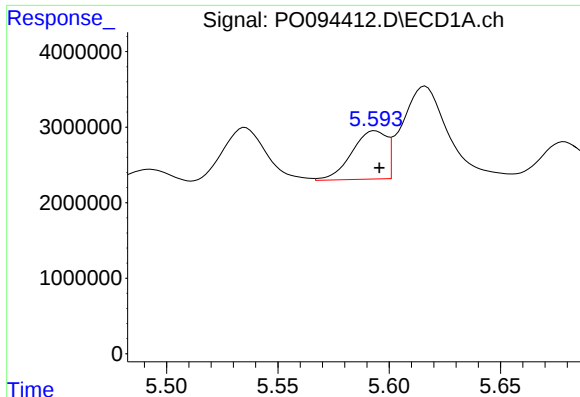
#2 Decachlorobiphenyl

R.T.: 10.252 min
Delta R.T.: -0.007 min
Response: 68478305
Conc: 32.04 ng/ml



#2 Decachlorobiphenyl

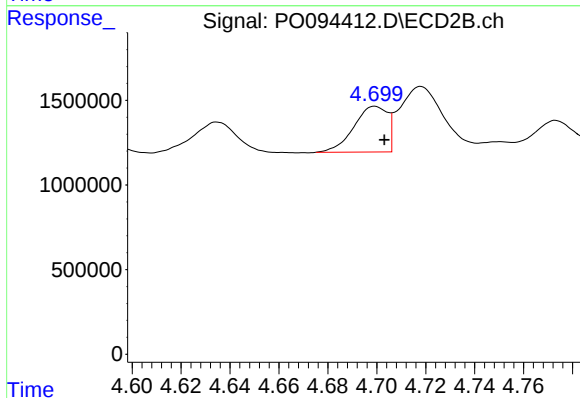
R.T.: 8.632 min
Delta R.T.: -0.008 min
Response: 29292724
Conc: 29.41 ng/ml



#3 AR-1016-1

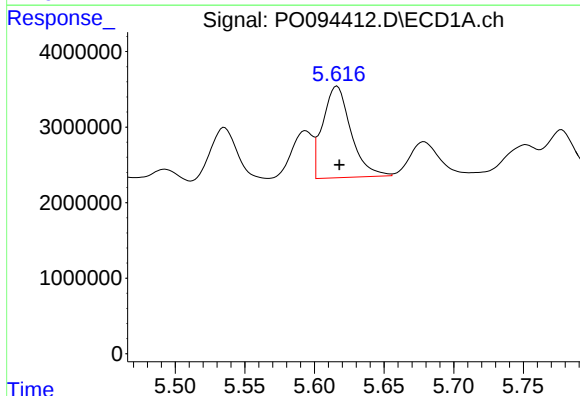
R.T.: 5.594 min
Delta R.T.: -0.002 min
Response: 6978485
Conc: 76.68 ng/ml

Instrument :
ECD_O
ClientSampleId :



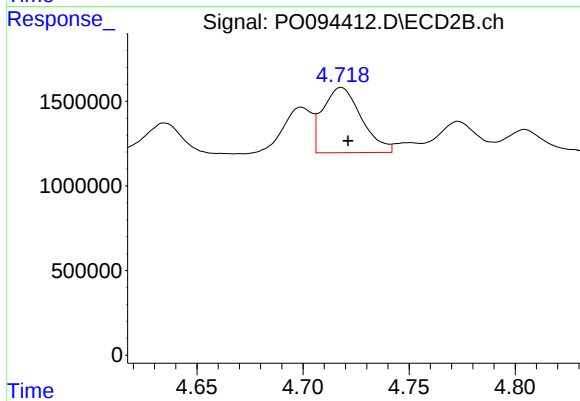
#3 AR-1016-1

R.T.: 4.699 min
Delta R.T.: -0.004 min
Response: 2584423
Conc: 70.21 ng/ml



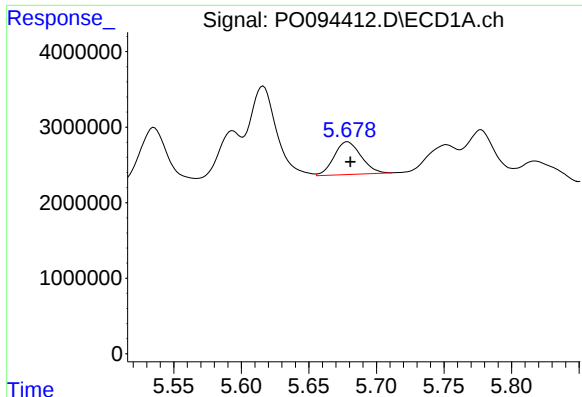
#4 AR-1016-2

R.T.: 5.616 min
Delta R.T.: -0.002 min
Response: 17049750
Conc: 121.48 ng/ml



#4 AR-1016-2

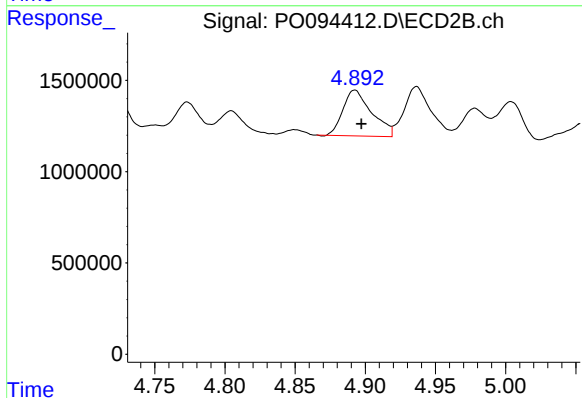
R.T.: 4.718 min
Delta R.T.: -0.003 min
Response: 4873288
Conc: 85.86 ng/ml



#5 AR-1016-3

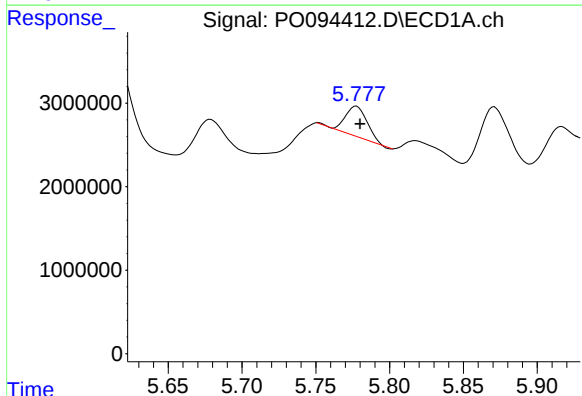
R.T.: 5.679 min
Delta R.T.: -0.002 min
Response: 6036631
Conc: 66.85 ng/ml

Instrument :
ECD_O
ClientSampleId :



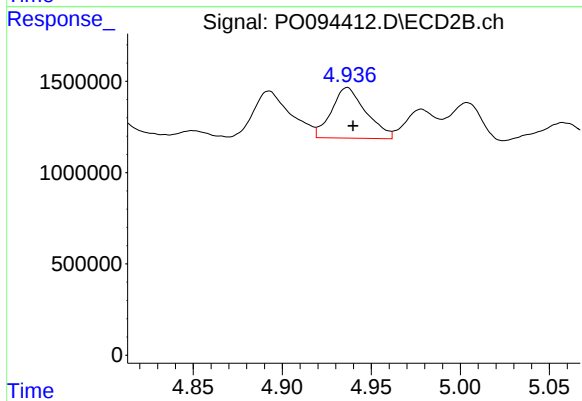
#5 AR-1016-3

R.T.: 4.893 min
Delta R.T.: -0.005 min
Response: 3569867
Conc: 120.74 ng/ml



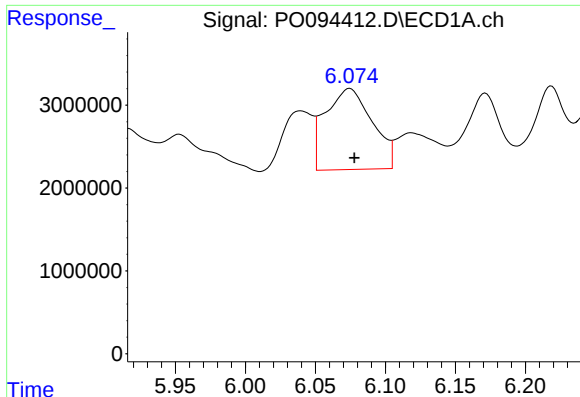
#6 AR-1016-4

R.T.: 5.777 min
Delta R.T.: -0.003 min
Response: 3764301
Conc: 55.13 ng/ml



#6 AR-1016-4

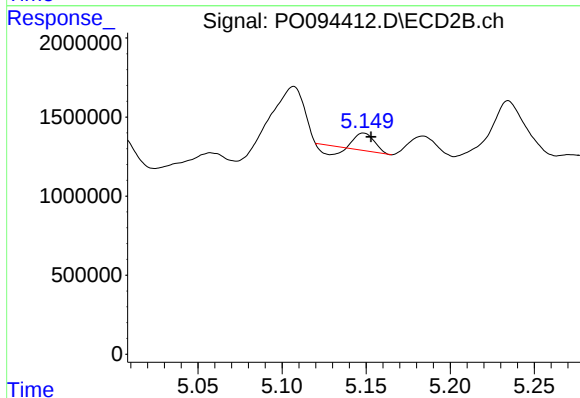
R.T.: 4.936 min
Delta R.T.: -0.003 min
Response: 3735848
Conc: 136.42 ng/ml



#7 AR-1016-5

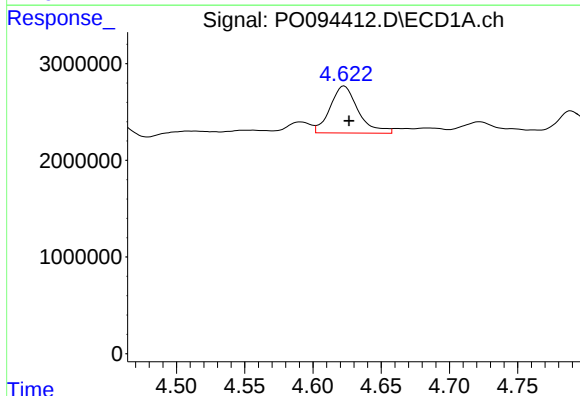
R.T.: 6.075 min
Delta R.T.: -0.003 min
Response: 22848426
Conc: 298.98 ng/ml

Instrument :
ECD_O
ClientSampleId :



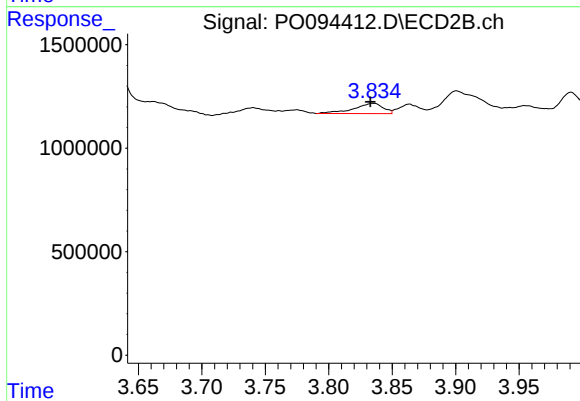
#7 AR-1016-5

R.T.: 5.149 min
Delta R.T.: -0.004 min
Response: 489185
Conc: 14.00 ng/ml



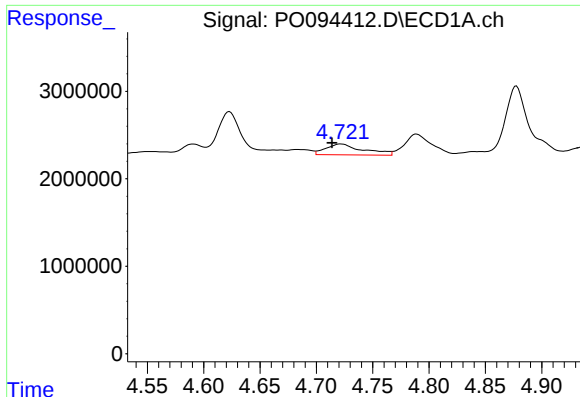
#8 AR-1221-1

R.T.: 4.623 min
Delta R.T.: -0.004 min
Response: 6975962
Conc: 169.85 ng/ml



#8 AR-1221-1

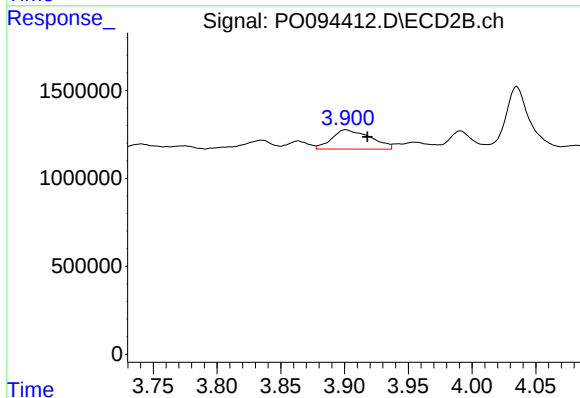
R.T.: 3.835 min
Delta R.T.: 0.002 min
Response: 798716
Conc: 48.14 ng/ml



#9 AR-1221-2

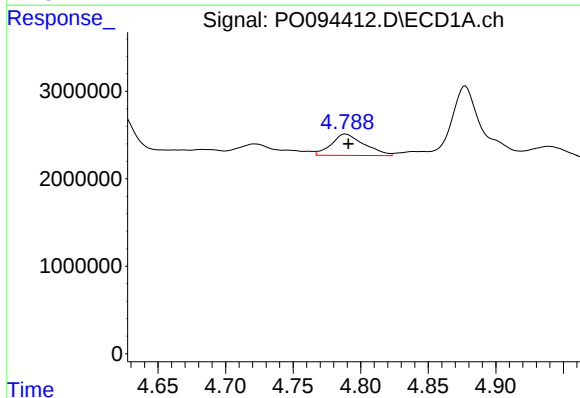
R.T.: 4.722 min
Delta R.T.: 0.008 min
Response: 2883900
Conc: 95.25 ng/ml

Instrument :
ECD_O
ClientSampleId :



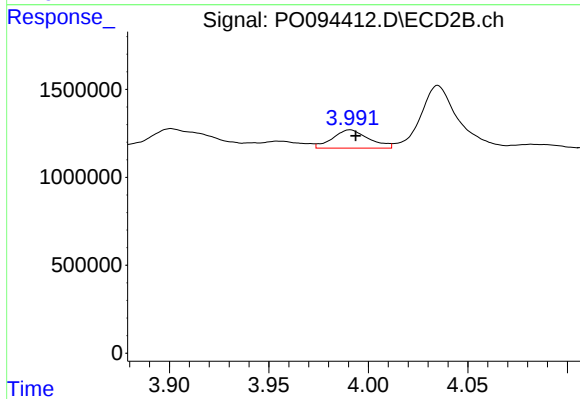
#9 AR-1221-2

R.T.: 3.901 min
Delta R.T.: -0.017 min
Response: 2311698
Conc: 187.21 ng/ml



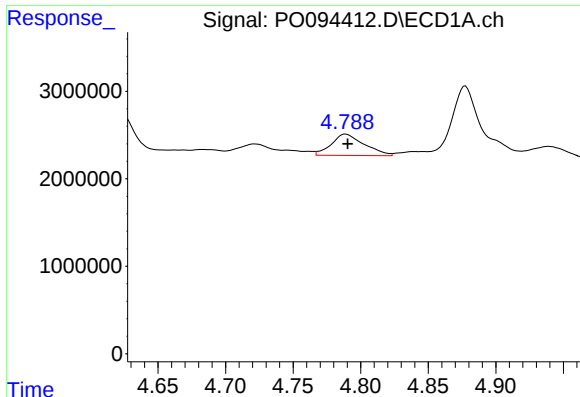
#10 AR-1221-3

R.T.: 4.789 min
Delta R.T.: -0.002 min
Response: 4124057
Conc: 43.98 ng/ml



#10 AR-1221-3

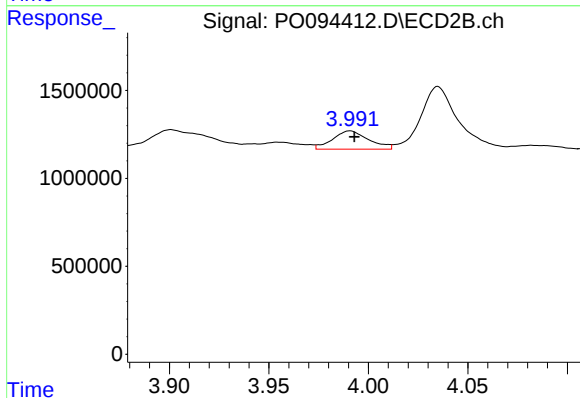
R.T.: 3.991 min
Delta R.T.: -0.003 min
Response: 1315802
Conc: 34.54 ng/ml



#11 AR-1232-1

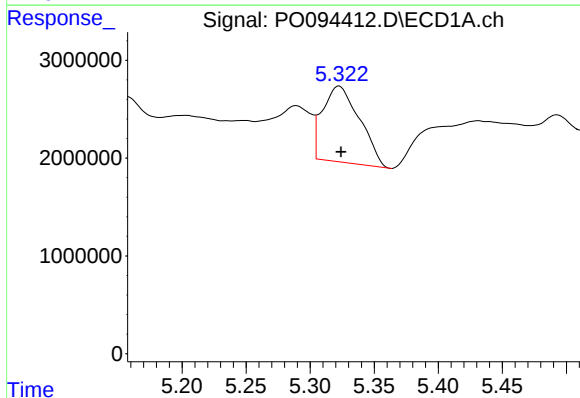
R.T.: 4.789 min
Delta R.T.: -0.001 min
Response: 4124057
Conc: 51.97 ng/ml

Instrument :
ECD_O
ClientSampleId :



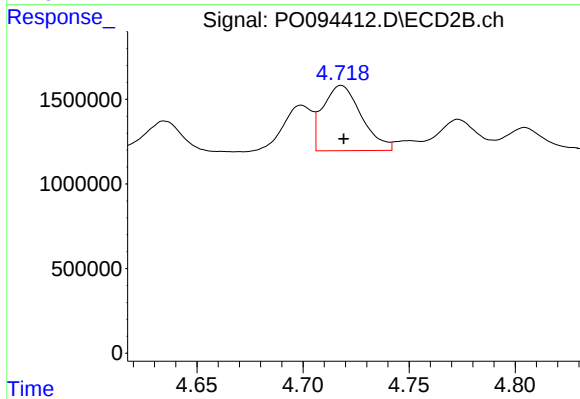
#11 AR-1232-1

R.T.: 3.991 min
Delta R.T.: -0.002 min
Response: 1315802
Conc: 39.83 ng/ml



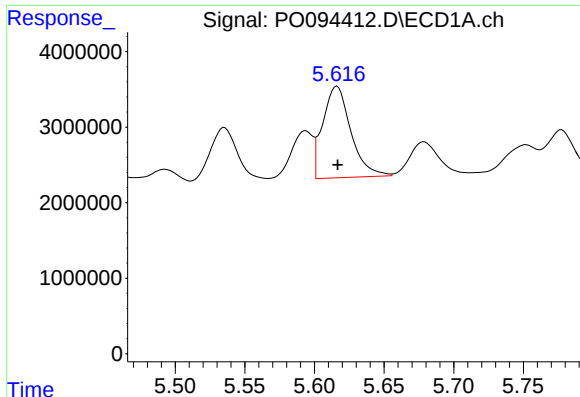
#12 AR-1232-2

R.T.: 5.323 min
Delta R.T.: -0.001 min
Response: 15603992
Conc: 397.09 ng/ml



#12 AR-1232-2

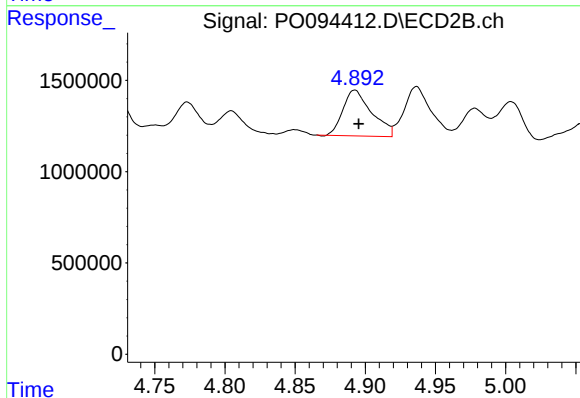
R.T.: 4.718 min
Delta R.T.: -0.001 min
Response: 4873288
Conc: 173.69 ng/ml



#13 AR-1232-3

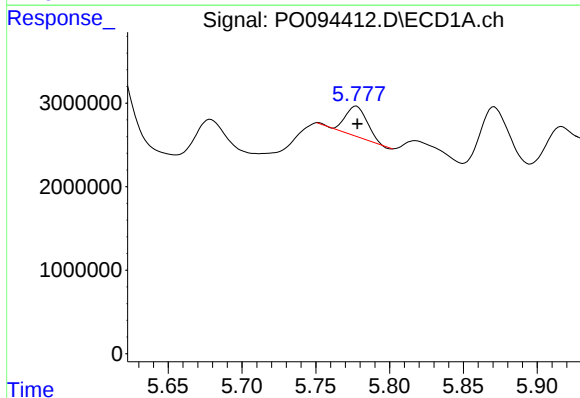
R.T.: 5.616 min
Delta R.T.: 0.000 min
Response: 17049750
Conc: 254.66 ng/ml

Instrument :
ECD_O
ClientSampleId :



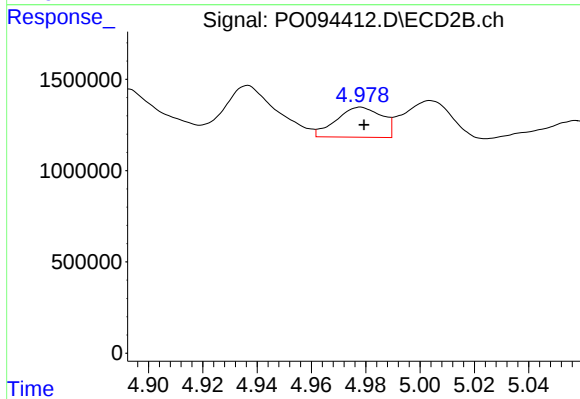
#13 AR-1232-3

R.T.: 4.893 min
Delta R.T.: -0.003 min
Response: 3569867
Conc: 252.85 ng/ml



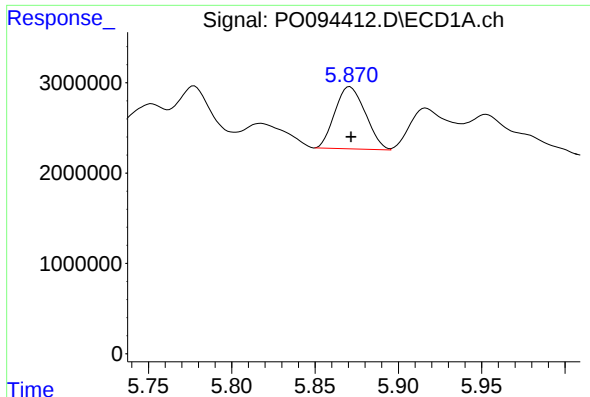
#14 AR-1232-4

R.T.: 5.777 min
Delta R.T.: 0.000 min
Response: 3764301
Conc: 117.39 ng/ml



#14 AR-1232-4

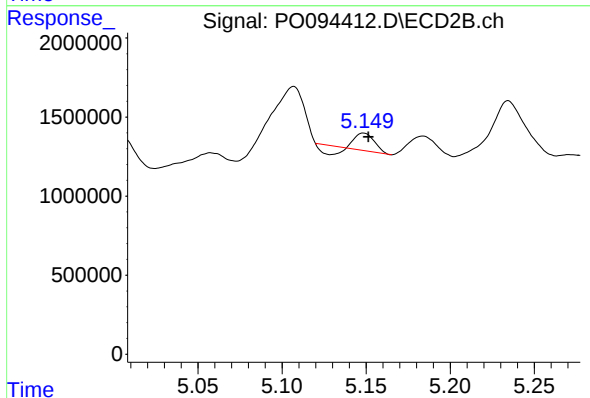
R.T.: 4.978 min
Delta R.T.: -0.001 min
Response: 1927100
Conc: 128.04 ng/ml



#15 AR-1232-5

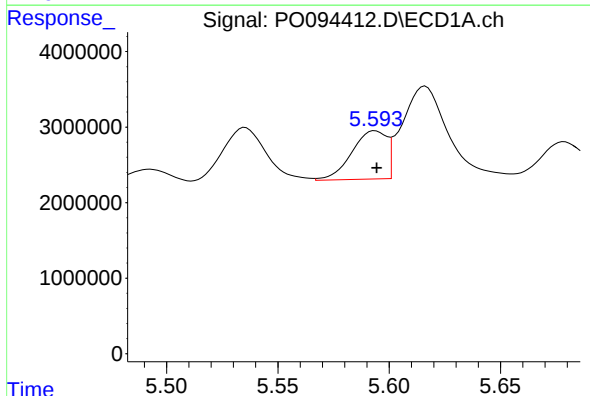
R.T.: 5.871 min
Delta R.T.: 0.000 min
Response: 8745715
Conc: 289.86 ng/ml

Instrument :
ECD_O
ClientSampleId :



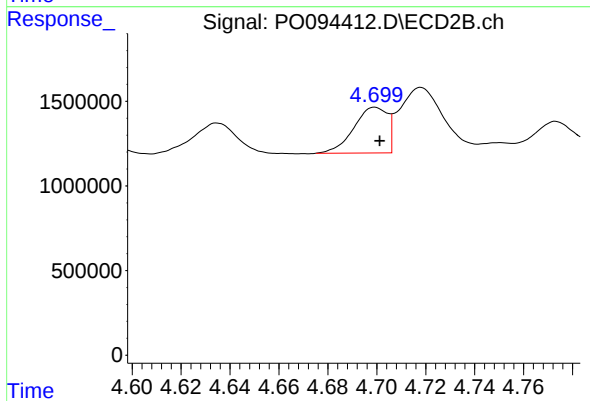
#15 AR-1232-5

R.T.: 5.149 min
Delta R.T.: -0.003 min
Response: 489185
Conc: 30.14 ng/ml



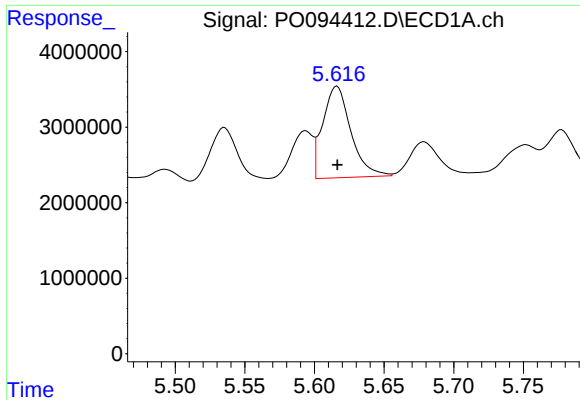
#16 AR-1242-1

R.T.: 5.594 min
Delta R.T.: 0.000 min
Response: 6978485
Conc: 88.28 ng/ml



#16 AR-1242-1

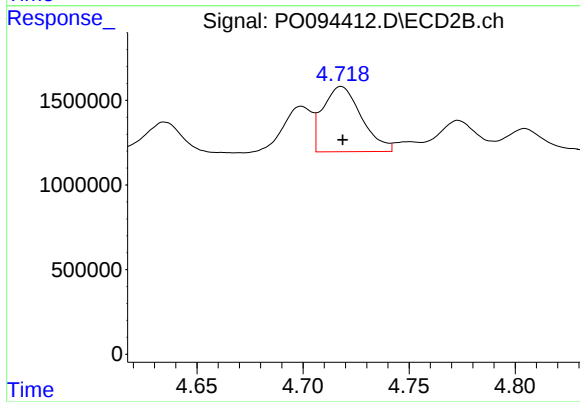
R.T.: 4.699 min
Delta R.T.: -0.002 min
Response: 2584423
Conc: 81.19 ng/ml



#17 AR-1242-2

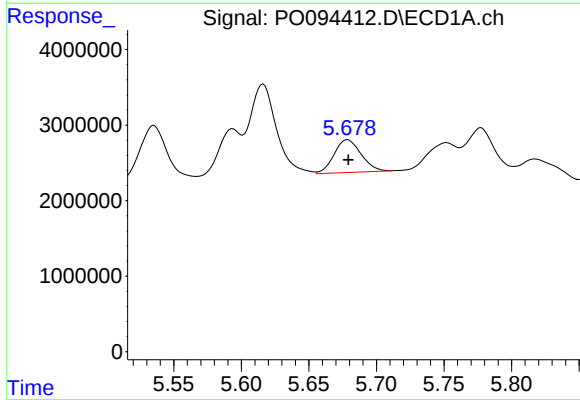
R.T.: 5.616 min
Delta R.T.: 0.000 min
Response: 17049750
Conc: 140.48 ng/ml

Instrument :
ECD_O
ClientSampleId :



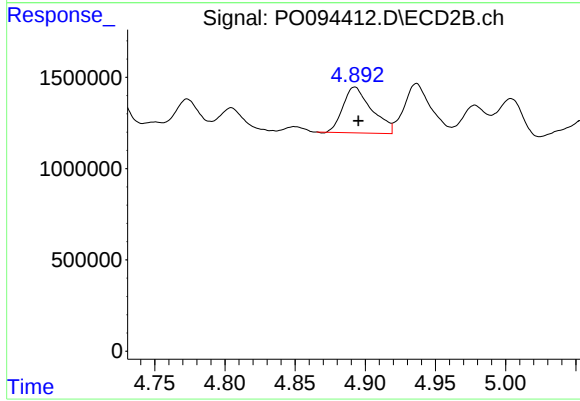
#17 AR-1242-2

R.T.: 4.718 min
Delta R.T.: 0.000 min
Response: 4873288
Conc: 102.03 ng/ml



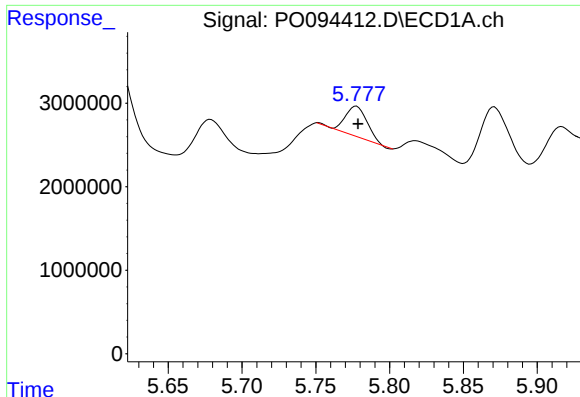
#18 AR-1242-3

R.T.: 5.679 min
Delta R.T.: 0.000 min
Response: 6036631
Conc: 77.03 ng/ml



#18 AR-1242-3

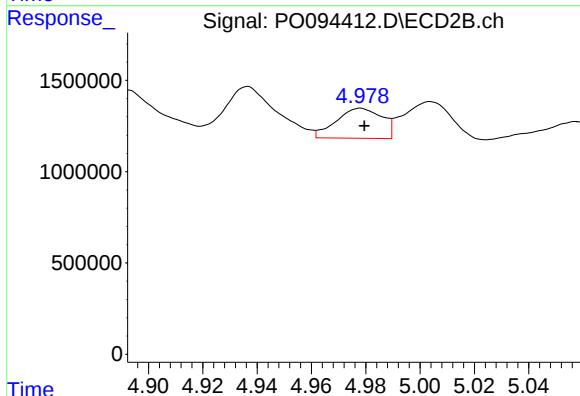
R.T.: 4.893 min
Delta R.T.: -0.003 min
Response: 3569867
Conc: 141.05 ng/ml



#19 AR-1242-4

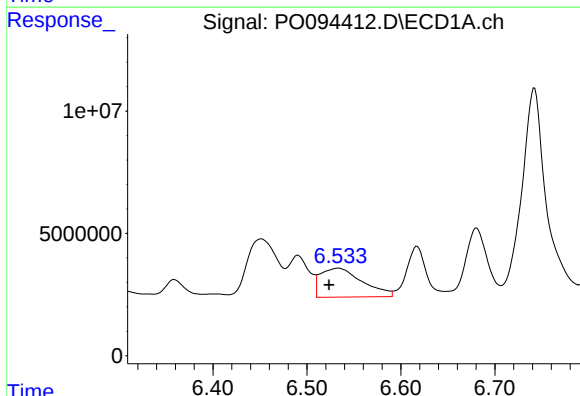
R.T.: 5.777 min
Delta R.T.: -0.001 min
Response: 3764301
Conc: 64.56 ng/ml

Instrument :
ECD_O
ClientSampleId :



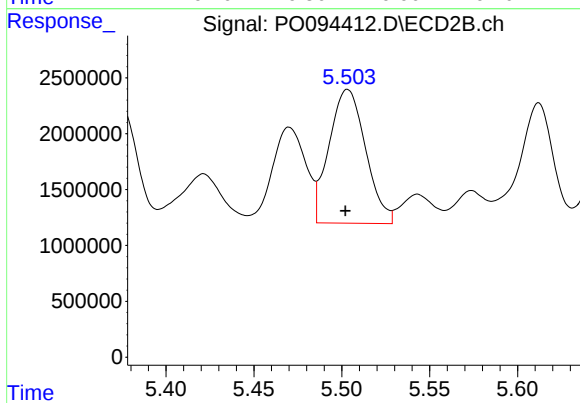
#19 AR-1242-4

R.T.: 4.978 min
Delta R.T.: -0.001 min
Response: 1927100
Conc: 66.33 ng/ml



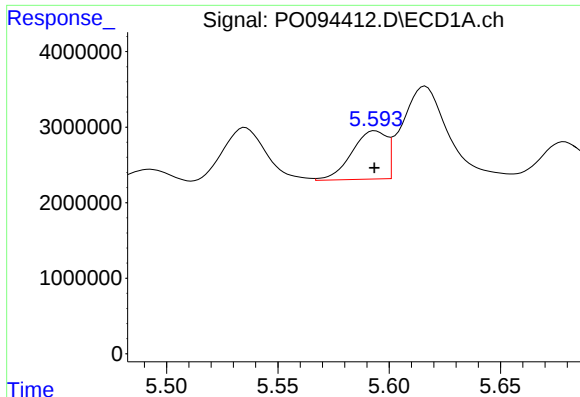
#20 AR-1242-5

R.T.: 6.534 min
Delta R.T.: 0.010 min
Response: 36567863
Conc: 611.60 ng/ml



#20 AR-1242-5

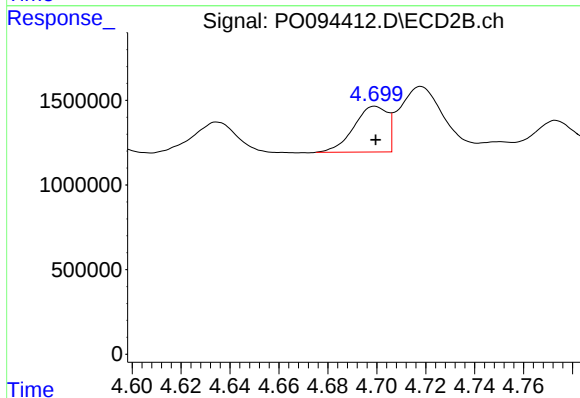
R.T.: 5.503 min
Delta R.T.: 0.001 min
Response: 17330522
Conc: 589.42 ng/ml



#21 AR-1248-1

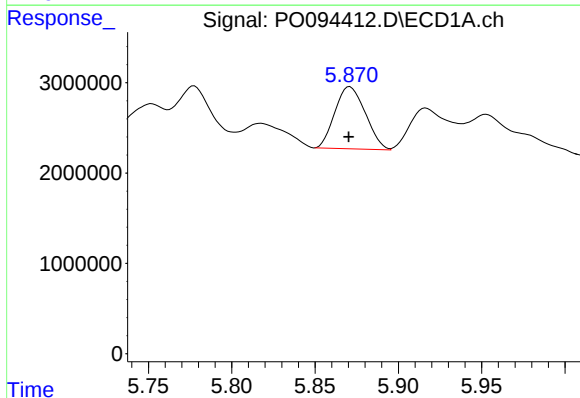
R.T.: 5.594 min
Delta R.T.: 0.000 min
Response: 6978485
Conc: 115.74 ng/ml

Instrument :
ECD_O
ClientSampleId :



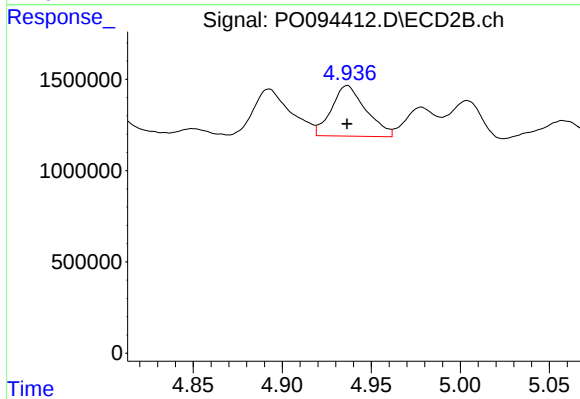
#21 AR-1248-1

R.T.: 4.699 min
Delta R.T.: 0.000 min
Response: 2584423
Conc: 104.88 ng/ml



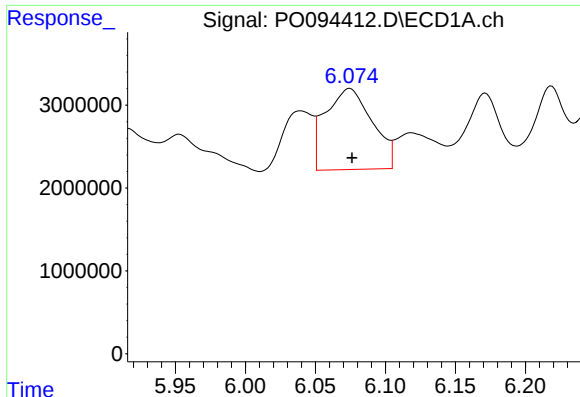
#22 AR-1248-2

R.T.: 5.871 min
Delta R.T.: 0.000 min
Response: 8745715
Conc: 84.74 ng/ml



#22 AR-1248-2

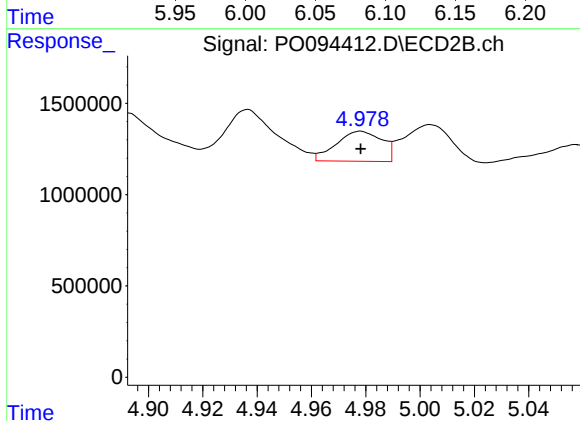
R.T.: 4.936 min
Delta R.T.: 0.000 min
Response: 3735848
Conc: 91.06 ng/ml



#23 AR-1248-3

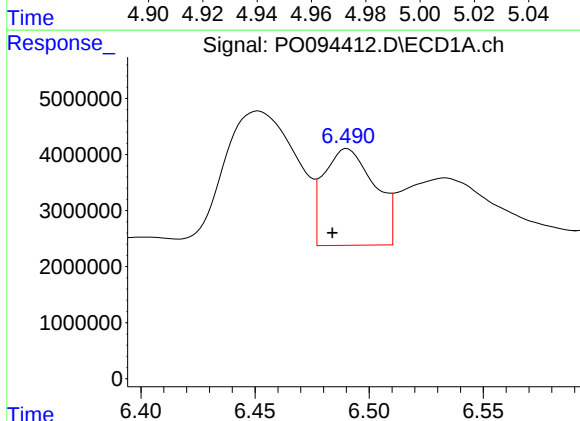
R.T.: 6.075 min
Delta R.T.: -0.002 min
Response: 22848426
Conc: 207.96 ng/ml

Instrument :
ECD_O
ClientSampleId :



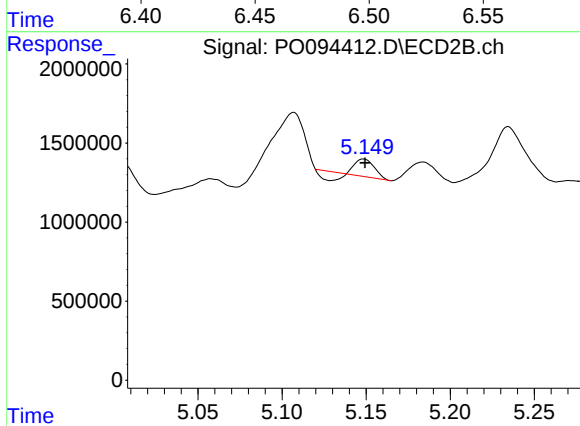
#23 AR-1248-3

R.T.: 4.978 min
Delta R.T.: 0.000 min
Response: 1927100
Conc: 45.32 ng/ml



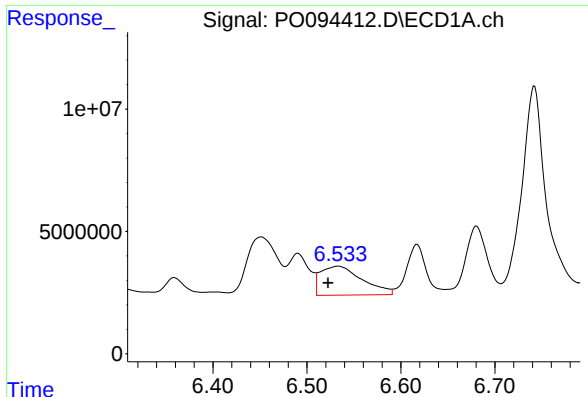
#24 AR-1248-4

R.T.: 6.490 min
Delta R.T.: 0.007 min
Response: 26750314
Conc: 273.14 ng/ml



#24 AR-1248-4

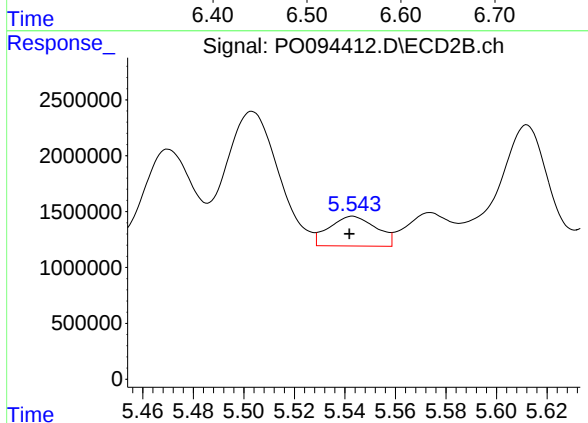
R.T.: 5.149 min
Delta R.T.: 0.000 min
Response: 489185
Conc: 10.10 ng/ml



#25 AR-1248-5

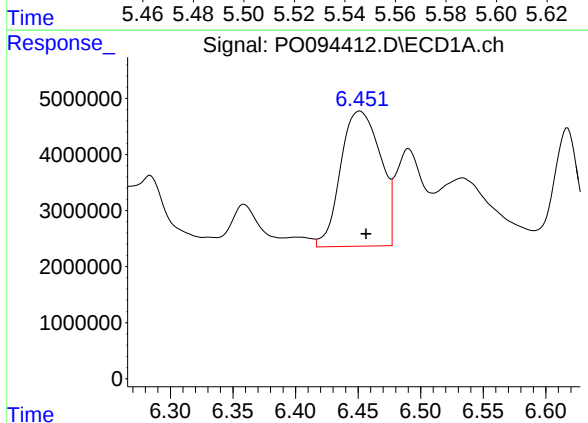
R.T.: 6.534 min
Delta R.T.: 0.011 min
Response: 36567863
Conc: 348.41 ng/ml

Instrument :
ECD_O
ClientSampleId :



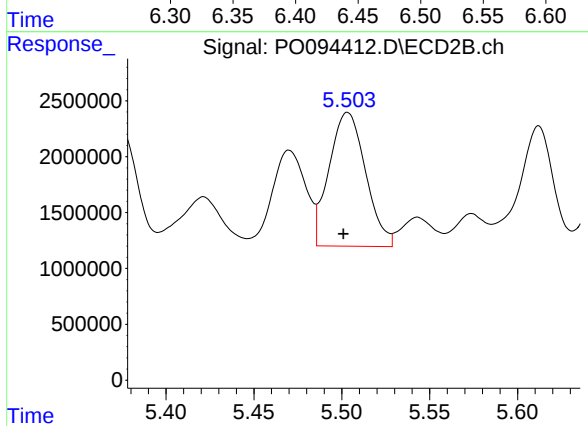
#25 AR-1248-5

R.T.: 5.543 min
Delta R.T.: 0.001 min
Response: 3434639
Conc: 89.61 ng/ml



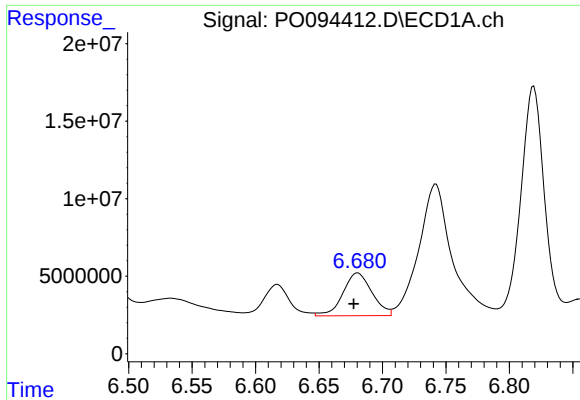
#26 AR-1254-1

R.T.: 6.452 min
Delta R.T.: -0.005 min
Response: 53363619
Conc: 431.55 ng/ml



#26 AR-1254-1

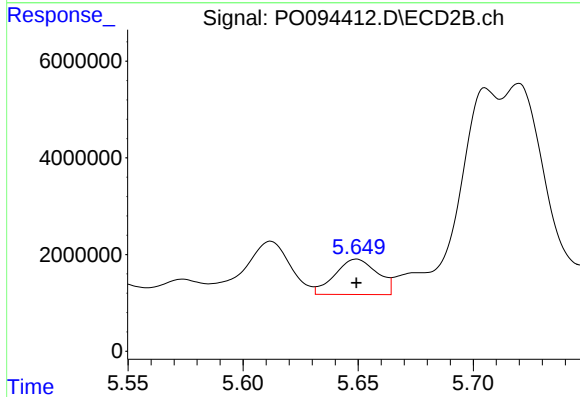
R.T.: 5.503 min
Delta R.T.: 0.002 min
Response: 17330522
Conc: 247.95 ng/ml



#27 AR-1254-2

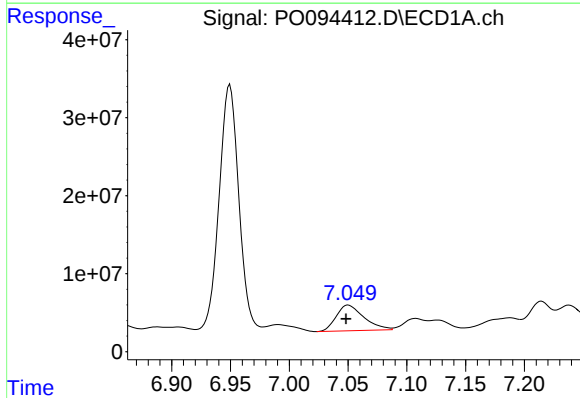
R.T.: 6.681 min
Delta R.T.: 0.003 min
Response: 44160133
Conc: 243.92 ng/ml

Instrument :
ECD_O
ClientSampleId :



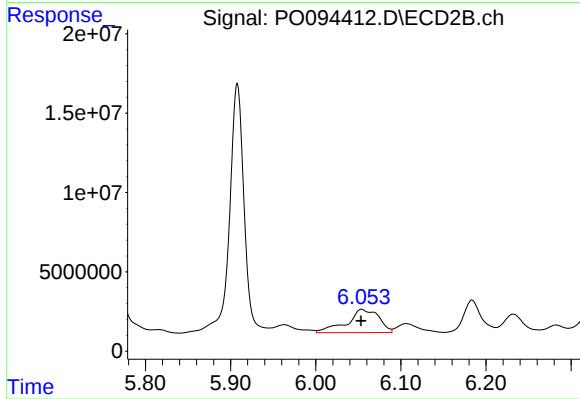
#27 AR-1254-2

R.T.: 5.649 min
Delta R.T.: 0.000 min
Response: 9405754
Conc: 150.22 ng/ml



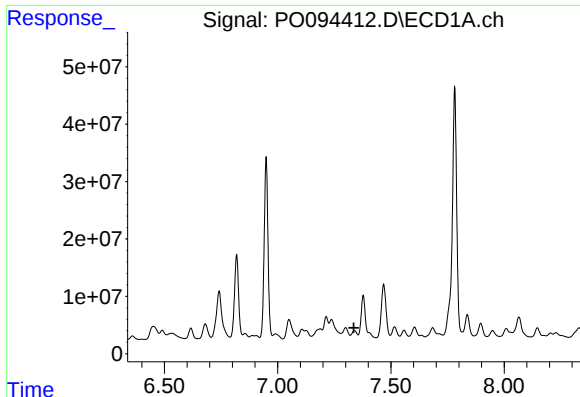
#28 AR-1254-3

R.T.: 7.050 min
Delta R.T.: 0.002 min
Response: 53970083
Conc: 316.37 ng/ml



#28 AR-1254-3

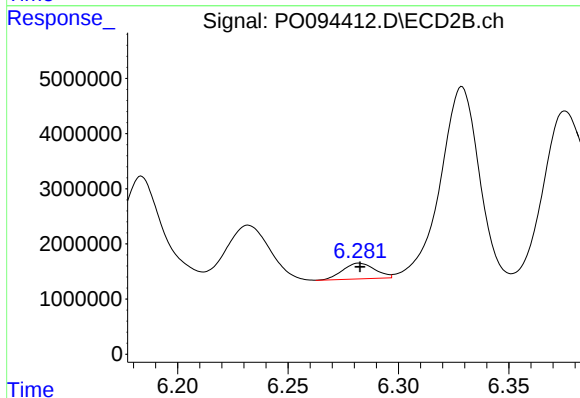
R.T.: 6.054 min
Delta R.T.: 0.000 min
Response: 38415879
Conc: 415.53 ng/ml



#29 AR-1254-4

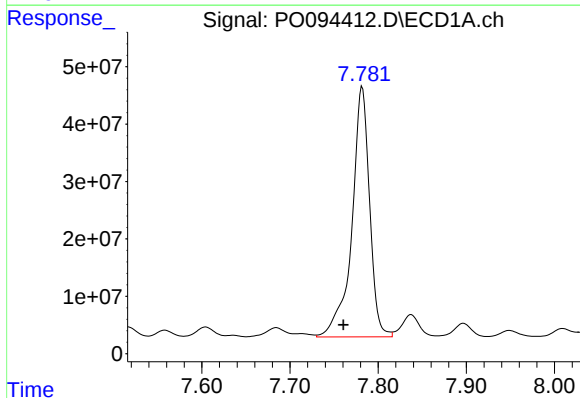
R.T.: 7.339 min
Delta R.T.: 0.002 min
Response: -3636503
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



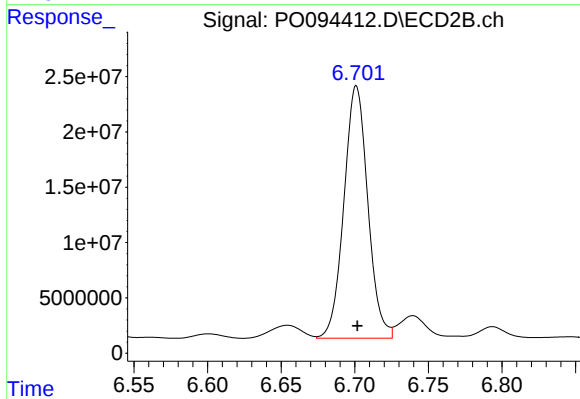
#29 AR-1254-4

R.T.: 6.282 min
Delta R.T.: 0.000 min
Response: 2925627
Conc: 69.05 ng/ml



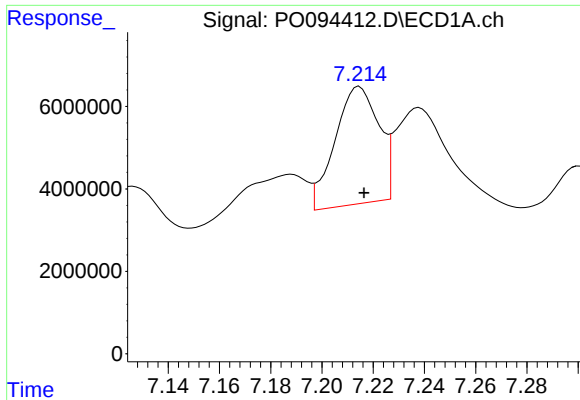
#30 AR-1254-5

R.T.: 7.782 min
Delta R.T.: 0.021 min
Response: 609116596
Conc: 5101.98 ng/ml



#30 AR-1254-5

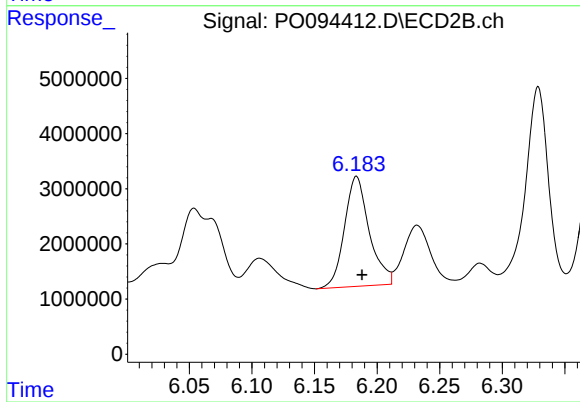
R.T.: 6.701 min
Delta R.T.: 0.000 min
Response: 258091859
Conc: 3443.54 ng/ml



#31 AR-1260-1

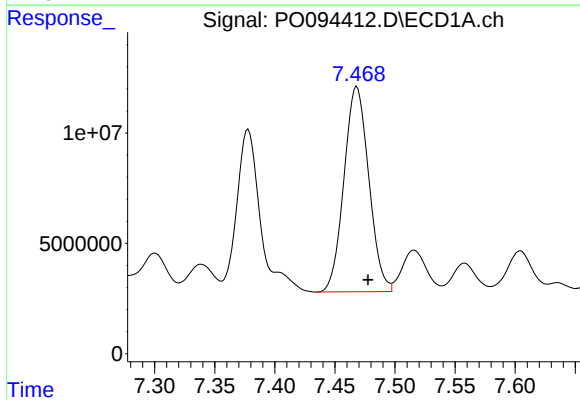
R.T.: 7.215 min
Delta R.T.: -0.002 min
Response: 33624595
Conc: 251.56 ng/ml

Instrument :
ECD_O
ClientSampleId :



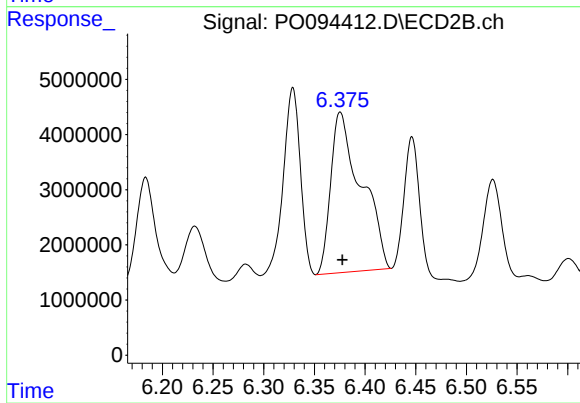
#31 AR-1260-1

R.T.: 6.184 min
Delta R.T.: -0.005 min
Response: 27521449
Conc: 409.98 ng/ml



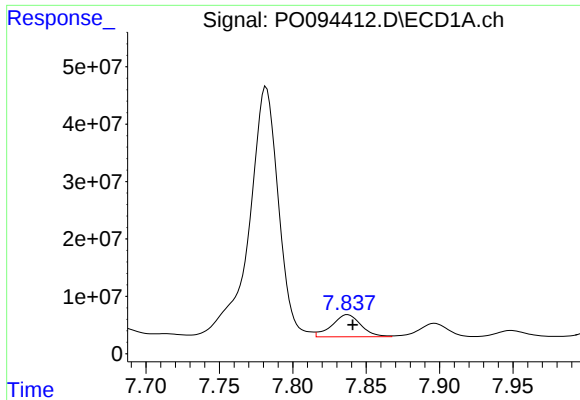
#32 AR-1260-2

R.T.: 7.468 min
Delta R.T.: -0.009 min
Response: 133387863
Conc: 952.87 ng/ml



#32 AR-1260-2

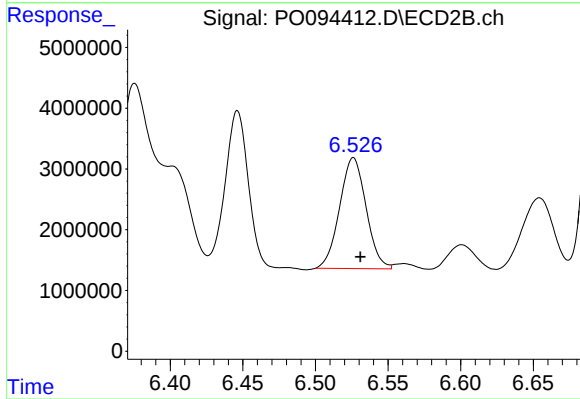
R.T.: 6.376 min
Delta R.T.: -0.002 min
Response: 60780526
Conc: 817.65 ng/ml



#33 AR-1260-3

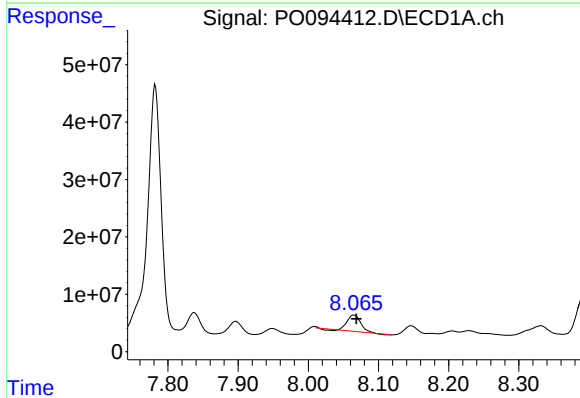
R.T.: 7.837 min
Delta R.T.: -0.003 min
Response: 53233911
Conc: 466.82 ng/ml

Instrument :
ECD_O
ClientSampleId :



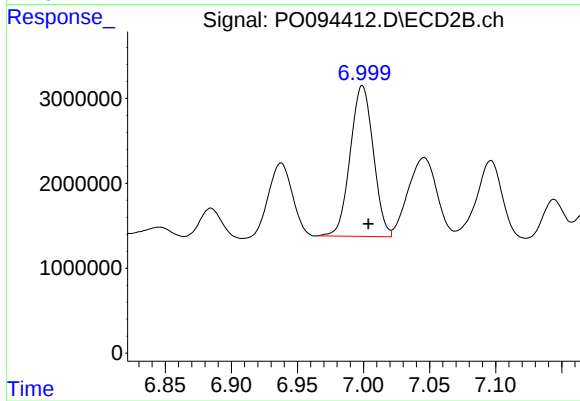
#33 AR-1260-3

R.T.: 6.526 min
Delta R.T.: -0.005 min
Response: 23191230
Conc: 324.72 ng/ml



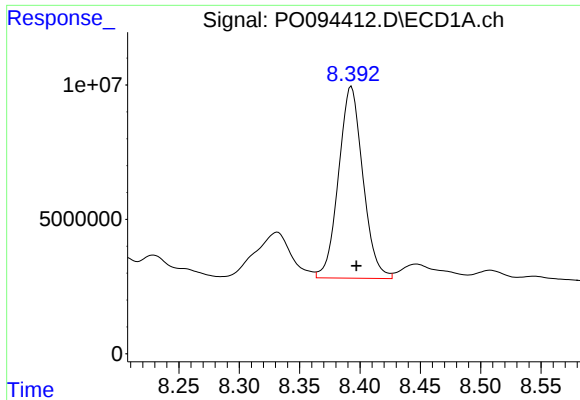
#34 AR-1260-4

R.T.: 8.065 min
Delta R.T.: -0.003 min
Response: 36830104
Conc: 307.72 ng/ml



#34 AR-1260-4

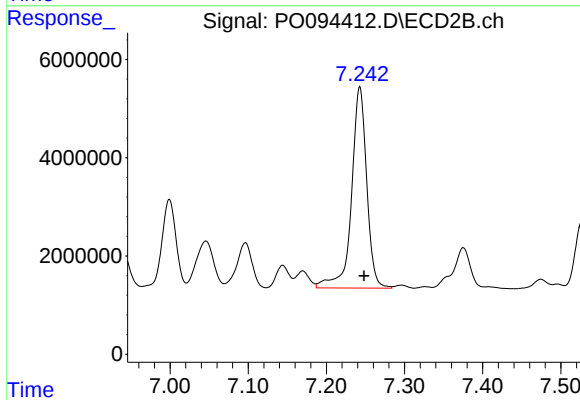
R.T.: 6.999 min
Delta R.T.: -0.005 min
Response: 21584227
Conc: 367.06 ng/ml



#35 AR-1260-5

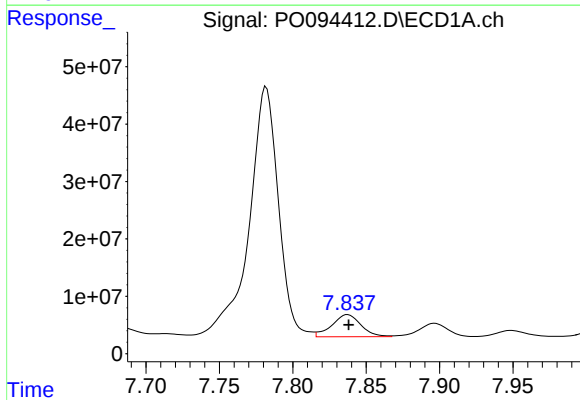
R.T.: 8.393 min
Delta R.T.: -0.004 min
Response: 100174449
Conc: 485.77 ng/ml

Instrument :
ECD_O
ClientSampleId :



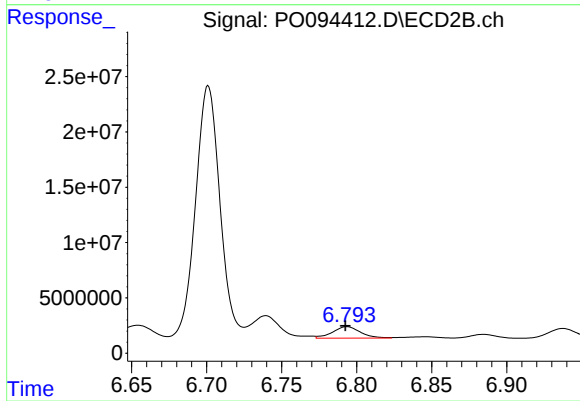
#35 AR-1260-5

R.T.: 7.243 min
Delta R.T.: -0.005 min
Response: 55391986
Conc: 487.33 ng/ml



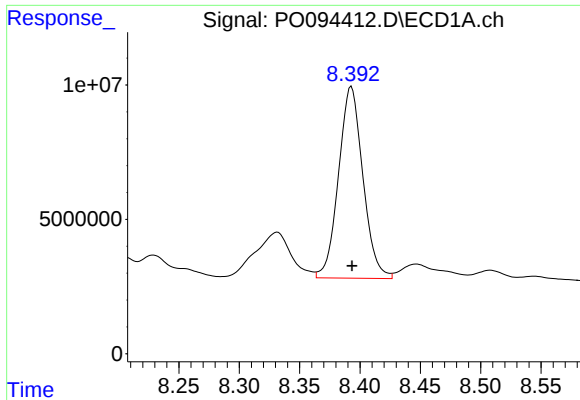
#36 AR-1262-1

R.T.: 7.837 min
Delta R.T.: 0.000 min
Response: 53233911
Conc: 331.44 ng/ml



#36 AR-1262-1

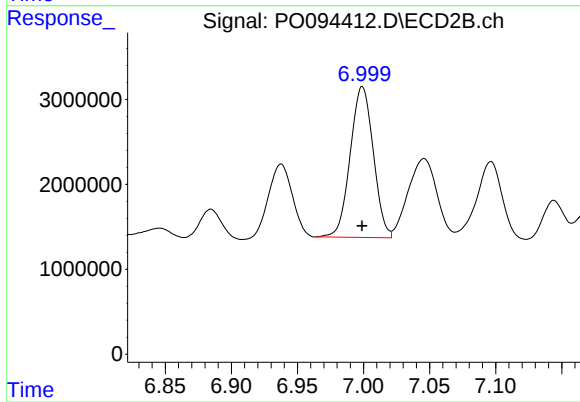
R.T.: 6.794 min
Delta R.T.: 0.000 min
Response: 13315578
Conc: 365.06 ng/ml



#37 AR-1262-2

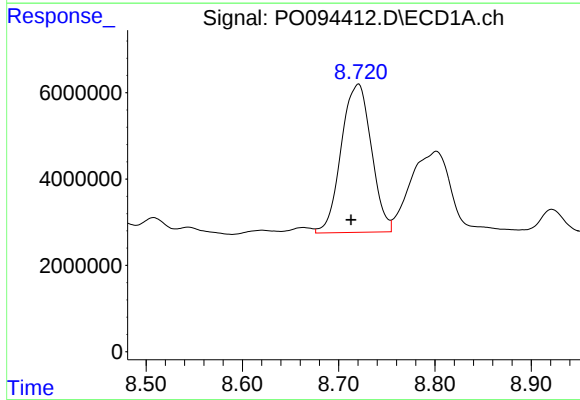
R.T.: 8.393 min
Delta R.T.: 0.000 min
Response: 100174449
Conc: 458.42 ng/ml

Instrument :
ECD_O
ClientSampleId :



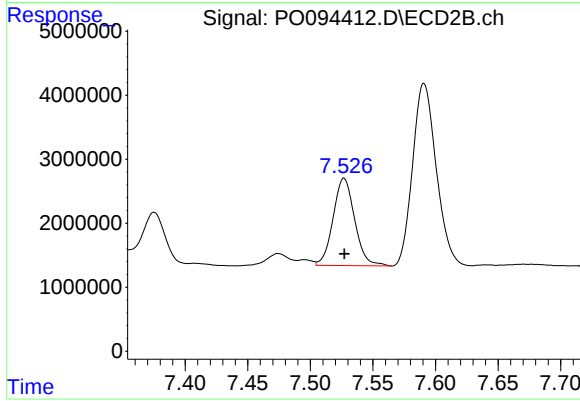
#37 AR-1262-2

R.T.: 6.999 min
Delta R.T.: 0.000 min
Response: 21584227
Conc: 294.09 ng/ml



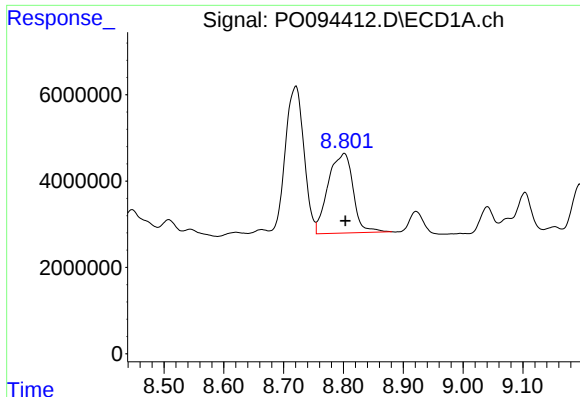
#38 AR-1262-3

R.T.: 8.720 min
Delta R.T.: 0.007 min
Response: 74429094
Conc: 474.74 ng/ml



#38 AR-1262-3

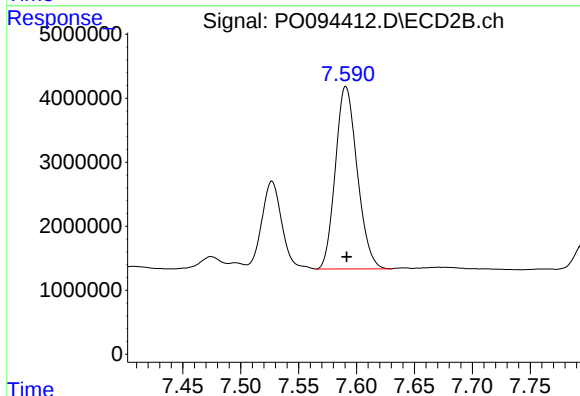
R.T.: 7.527 min
Delta R.T.: 0.000 min
Response: 16396590
Conc: 305.77 ng/ml



#39 AR-1262-4

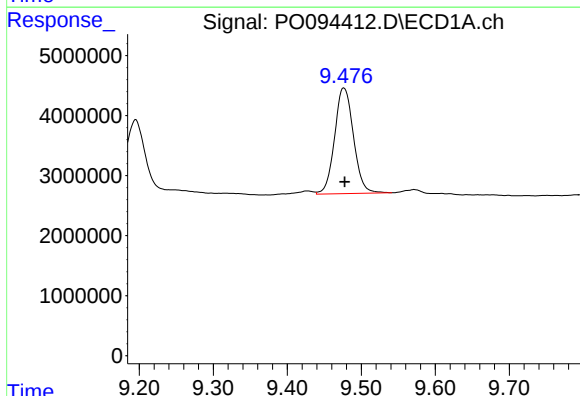
R.T.: 8.802 min
Delta R.T.: -0.002 min
Response: 52896234
Conc: 574.20 ng/ml

Instrument :
ECD_O
ClientSampleId :



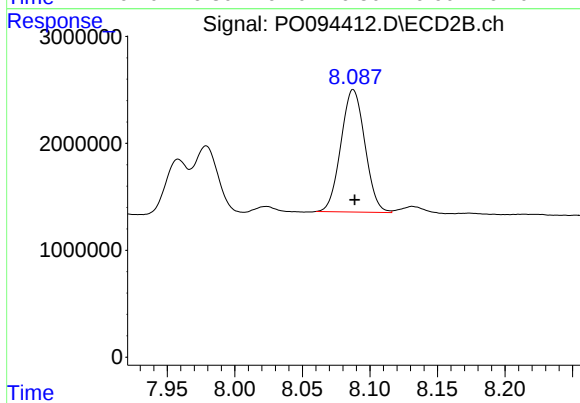
#39 AR-1262-4

R.T.: 7.591 min
Delta R.T.: 0.000 min
Response: 37417570
Conc: 400.46 ng/ml



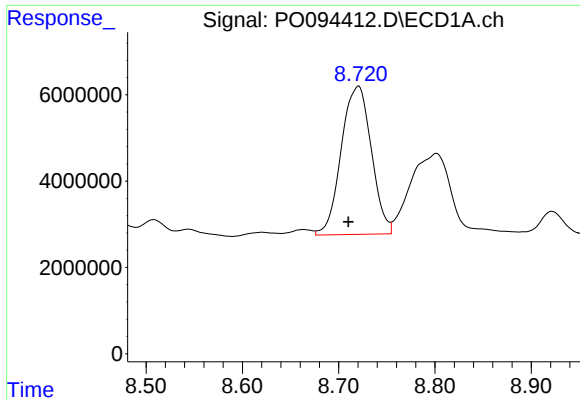
#40 AR-1262-5

R.T.: 9.477 min
Delta R.T.: 0.000 min
Response: 31201618
Conc: 426.72 ng/ml



#40 AR-1262-5

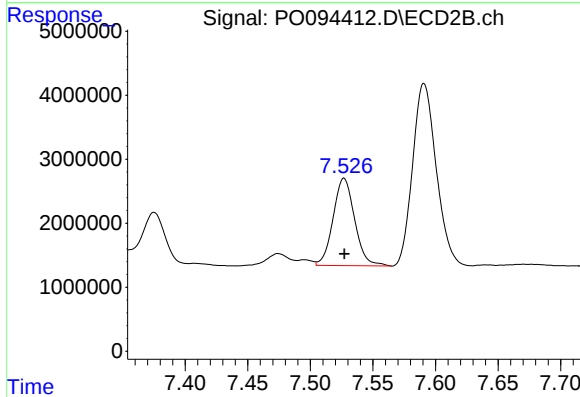
R.T.: 8.088 min
Delta R.T.: -0.001 min
Response: 14138549
Conc: 375.07 ng/ml



#41 AR-1268-1

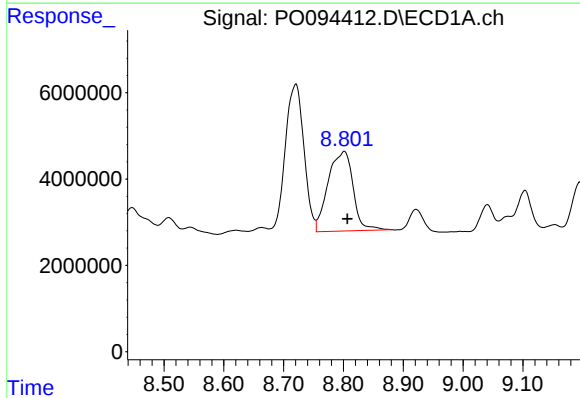
R.T.: 8.720 min
Delta R.T.: 0.010 min
Response: 74429094
Conc: 234.69 ng/ml

Instrument :
ECD_O
ClientSampleId :



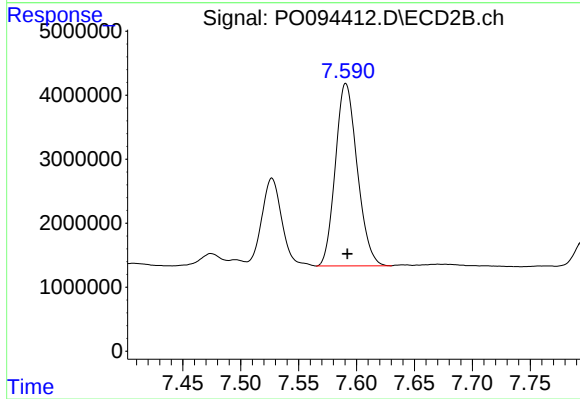
#41 AR-1268-1

R.T.: 7.527 min
Delta R.T.: 0.000 min
Response: 16396590
Conc: 98.63 ng/ml



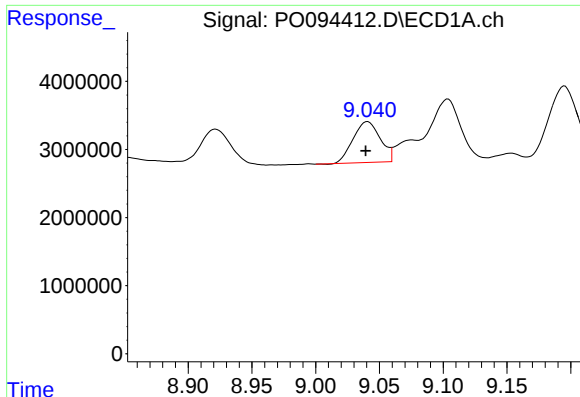
#42 AR-1268-2

R.T.: 8.802 min
Delta R.T.: -0.005 min
Response: 52896234
Conc: 187.50 ng/ml



#42 AR-1268-2

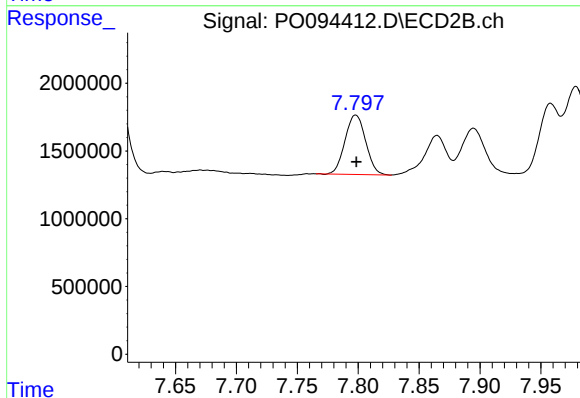
R.T.: 7.591 min
Delta R.T.: -0.001 min
Response: 37417570
Conc: 243.05 ng/ml



#43 AR-1268-3

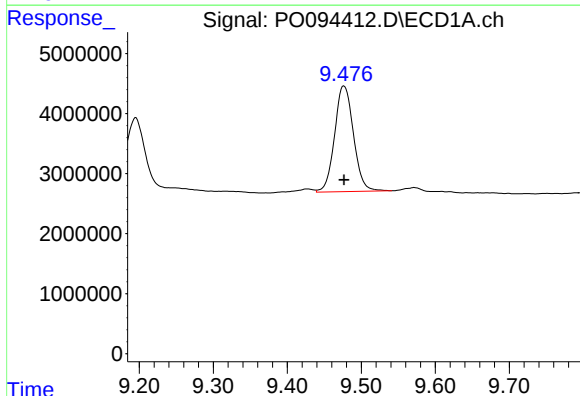
R.T.: 9.041 min
Delta R.T.: 0.002 min
Response: 8852748
Conc: 33.59 ng/ml

Instrument :
ECD_O
ClientSampleId :



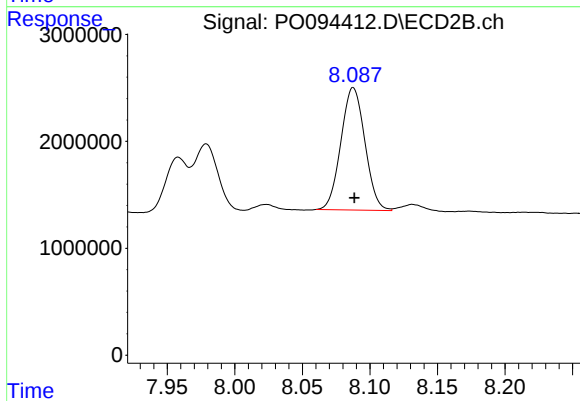
#43 AR-1268-3

R.T.: 7.798 min
Delta R.T.: 0.000 min
Response: 5159691
Conc: 37.59 ng/ml



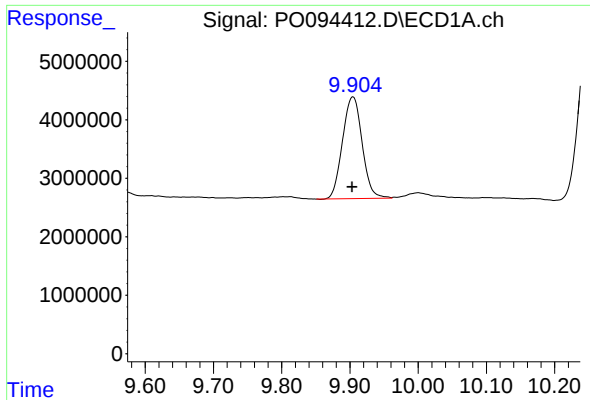
#44 AR-1268-4

R.T.: 9.477 min
Delta R.T.: 0.000 min
Response: 31201618
Conc: 369.87 ng/ml



#44 AR-1268-4

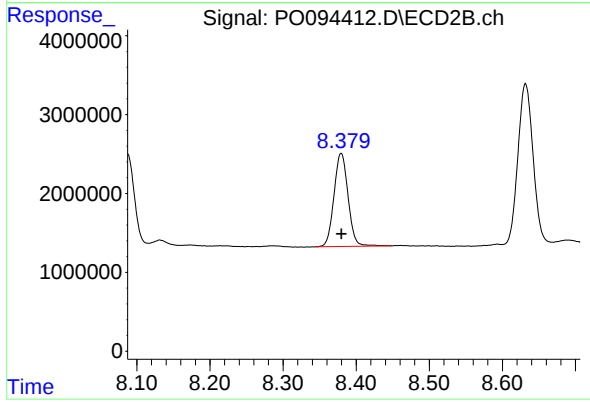
R.T.: 8.088 min
Delta R.T.: 0.000 min
Response: 14138549
Conc: 311.96 ng/ml



#45 AR-1268-5

R.T.: 9.905 min
Delta R.T.: 0.001 min
Response: 34760825
Conc: 43.45 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.380 min
Delta R.T.: 0.000 min
Response: 15797100
Conc: 42.35 ng/ml