

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0080122\
 Data File : P0088477.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Aug 2022 15:02
 Operator : YP/AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 01 17:43:06 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0071422.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jul 26 11:20:17 2022
 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...	4.442	3.602	137.8E6	49588467	54.012	52.559
2)	SA Decachlor...	10.285	8.595	90825242	53677745	42.767	51.365
Target Compounds							
3)	L1 AR-1016-1	5.617	4.677	44070594	19383868	502.496	538.736
4)	L1 AR-1016-2	5.640	4.696	62286062	27200327	496.447	532.350
5)	L1 AR-1016-3	5.703	4.871	39139632	15077437	504.581	543.109
6)	L1 AR-1016-4	5.802	4.913	31419511	12487754	509.456	536.838
7)	L1 AR-1016-5	6.098	5.126	29951818	16575837	482.599	560.086
8)	L2 AR-1221-1	4.646	3.812	4923743	1772684	162.724	169.447
9)	L2 AR-1221-2	4.737	3.898	6829460	2590920	308.108	326.693
10)	L2 AR-1221-3	4.814	3.973	25349835	9586312	367.852	374.175
11)	L3 AR-1232-1	4.814	3.973	25349835	9586312	487.820	495.526
12)	L3 AR-1232-2	5.153	4.696	35150943	27200327	1371.107	1379.228
13)	L3 AR-1232-3	5.640	4.871	62286062	15077437	1295.243	1480.703
14)	L3 AR-1232-4	5.802	4.955	31419511	15479127	1351.027	1593.477
15)	L3 AR-1232-5	5.892	5.126	28273380	16575837	1455.202	1524.077
16)	L4 AR-1242-1	5.617	4.677	44070594	19383868	645.541	666.268
17)	L4 AR-1242-2	5.640	4.696	62286062	27200327	643.015	671.585
18)	L4 AR-1242-3	5.703	4.871	39139632	15077437	645.094	682.379
19)	L4 AR-1242-4	5.802	4.955	31419511	15479127	652.308	662.026
20)	L4 AR-1242-5	6.543	5.477	4407951	12699567	83.700	473.849 #
21)	L5 AR-1248-1	5.617	4.677	44070594	19383868	824.854	846.225
22)	L5 AR-1248-2	5.892	4.913	28273380	12487754	363.879	370.200
23)	L5 AR-1248-3	6.098	4.955	29951818	15479127	357.806	445.400
24)	L5 AR-1248-4	6.503	5.126	4355652	16575837	47.392	395.936 #
25)	L5 AR-1248-5	6.543	5.518	4407951	1710344	49.012	47.471
26)	L6 AR-1254-1	6.478	5.477	22887021	12699567	241.391	220.268
27)	L6 AR-1254-2	6.696	5.625	24154619	12042605	168.256	234.862 #
28)	L6 AR-1254-3	7.066	6.042	13165680	21088089	89.882	259.867 #
29)	L6 AR-1254-4	7.353	6.257	8174402	2263338	75.530	45.381 #
30)	L6 AR-1254-5	7.773	6.673	69949739	41395774	581.203	548.104
31)	L7 AR-1260-1	7.231	6.157	52253965	30059346	449.083	554.620
32)	L7 AR-1260-2	7.489	6.346	59302954	35858782	438.912	552.249 #
33)	L7 AR-1260-3	7.850	6.499	40240321	33673386	439.542	541.354
34)	L7 AR-1260-4	8.078	6.971	46612929	26119440	431.509	552.205 #
35)	L7 AR-1260-5	8.405	7.213	86443009	61928073	421.259	541.247 #
36)	L8 AR-1262-1	7.850	6.765	40240321	14301724	292.941	471.857 #
37)	L8 AR-1262-2	8.405	7.213	86443009	61928073	367.319	460.896 #
38)	L8 AR-1262-3	8.741	7.497	57402626	12670677	346.341	232.338 #
39)	L8 AR-1262-4	8.798	7.560	33874797	45134427	405.781	446.151
40)	L8 AR-1262-5	9.498	8.056	24672322	15325826	276.843	312.045
41)	L9 AR-1268-1	8.741	7.497	57402626	12670677	227.997	76.887 #

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 Sample : AR1660CCC500
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 ALS Vial : 3 Sample Multiplier: 1

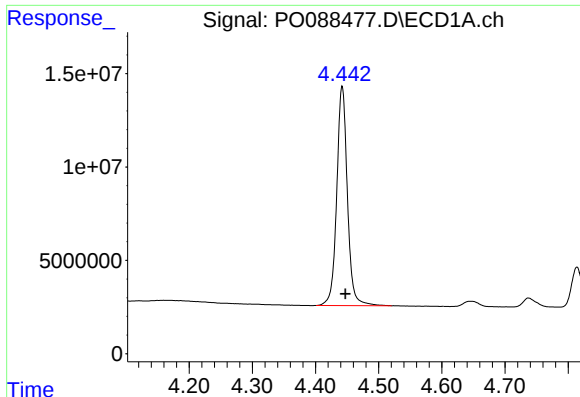
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 01 17:43:06 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0071422.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	8.798	7.560	33874797	45134427	146.132	301.105 #
43) L9	AR-1268-3	9.059	7.767	1361036	1069216	6.779	8.466
44) L9	AR-1268-4	9.498	8.056	24672322	15325826	268.502	290.850
45) L9	AR-1268-5	9.930	8.344	7855300	5172442	11.907	13.451

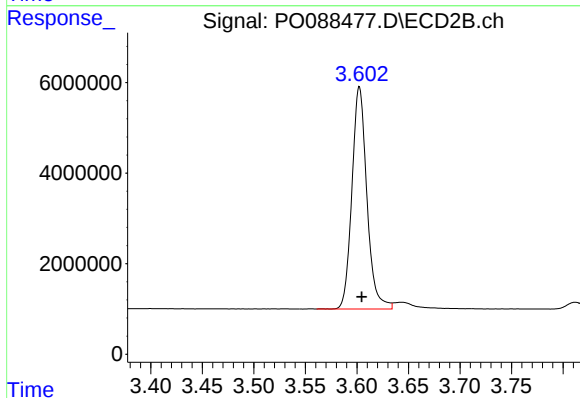
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

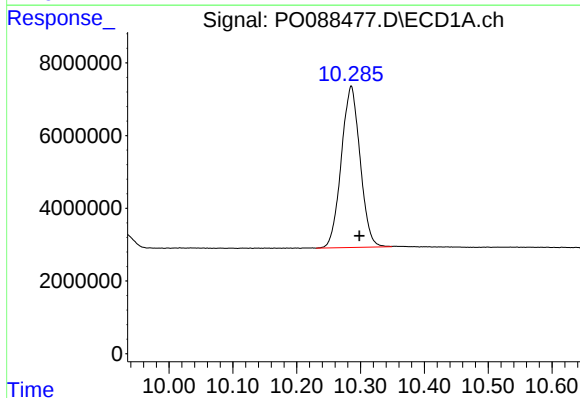
R.T.: 4.442 min
Delta R.T.: -0.005 min
Response: 137794150
Conc: 54.01 ng/ml

Instrument :
ECD_O
ClientSampleId :



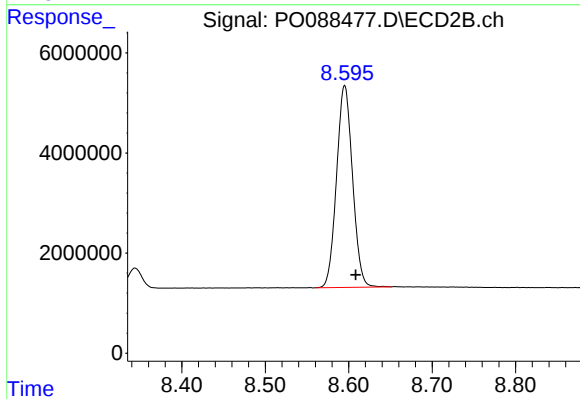
#1 Tetrachloro-m-xylene

R.T.: 3.602 min
Delta R.T.: -0.002 min
Response: 49588467
Conc: 52.56 ng/ml



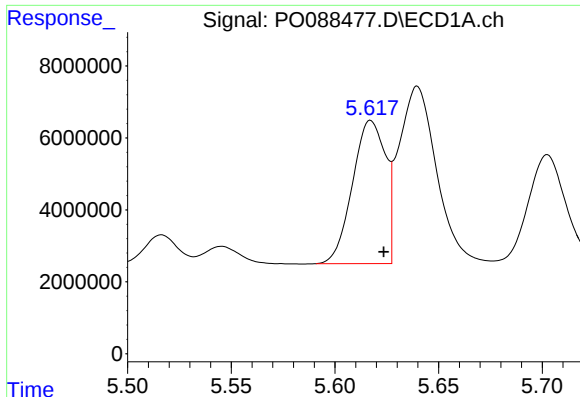
#2 Decachlorobiphenyl

R.T.: 10.285 min
Delta R.T.: -0.013 min
Response: 90825242
Conc: 42.77 ng/ml



#2 Decachlorobiphenyl

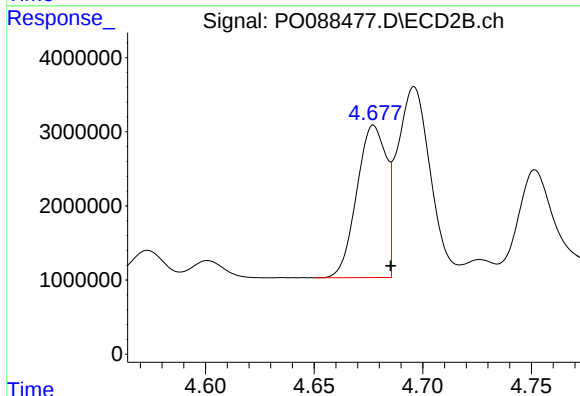
R.T.: 8.595 min
Delta R.T.: -0.013 min
Response: 53677745
Conc: 51.36 ng/ml



#3 AR-1016-1

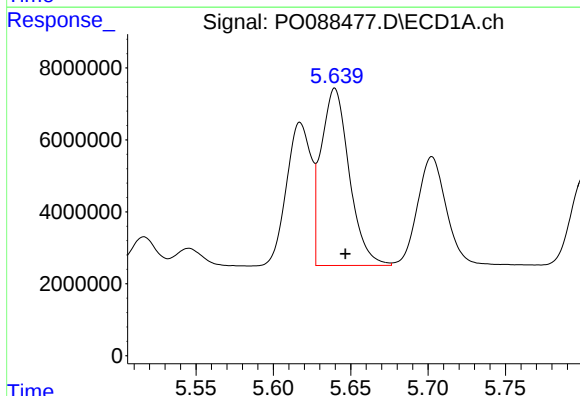
R.T.: 5.617 min
Delta R.T.: -0.006 min
Response: 44070594
Conc: 502.50 ng/ml

Instrument :
ECD_O
ClientSampleId :



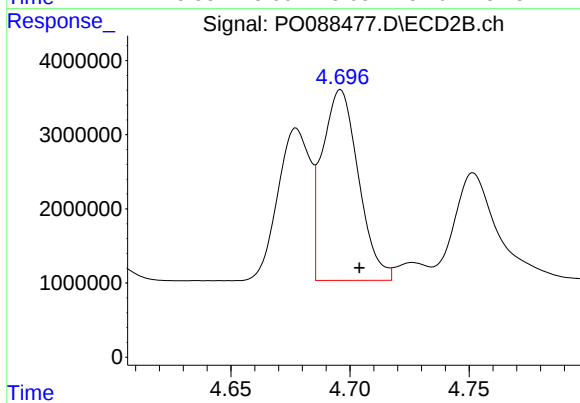
#3 AR-1016-1

R.T.: 4.677 min
Delta R.T.: -0.008 min
Response: 19383868
Conc: 538.74 ng/ml



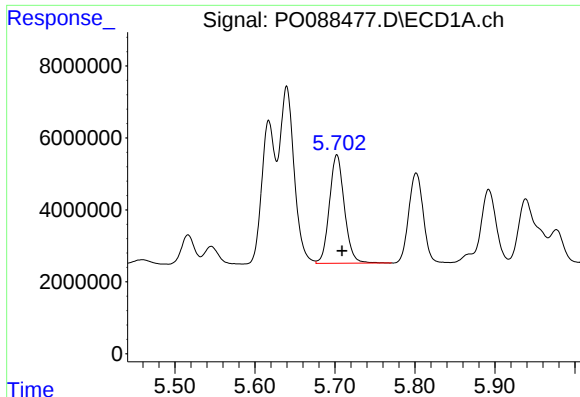
#4 AR-1016-2

R.T.: 5.640 min
Delta R.T.: -0.007 min
Response: 62286062
Conc: 496.45 ng/ml



#4 AR-1016-2

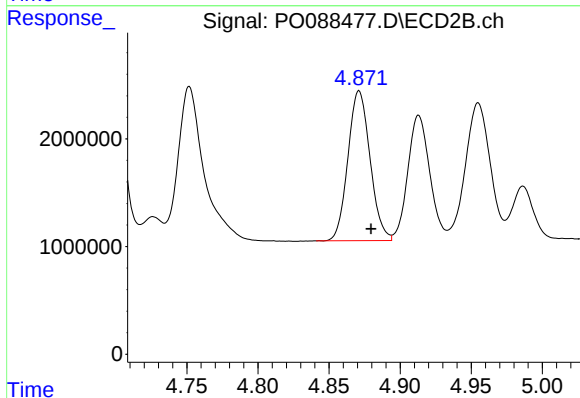
R.T.: 4.696 min
Delta R.T.: -0.008 min
Response: 27200327
Conc: 532.35 ng/ml



#5 AR-1016-3

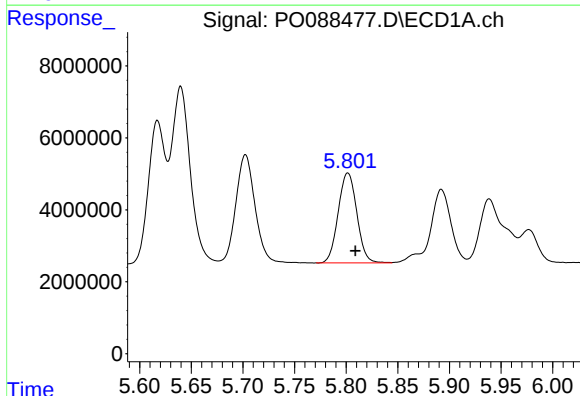
R.T.: 5.703 min
Delta R.T.: -0.006 min
Response: 39139632
Conc: 504.58 ng/ml

Instrument :
ECD_O
ClientSampleId :



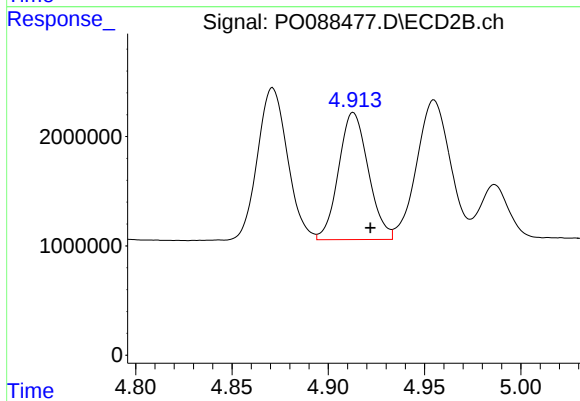
#5 AR-1016-3

R.T.: 4.871 min
Delta R.T.: -0.008 min
Response: 15077437
Conc: 543.11 ng/ml



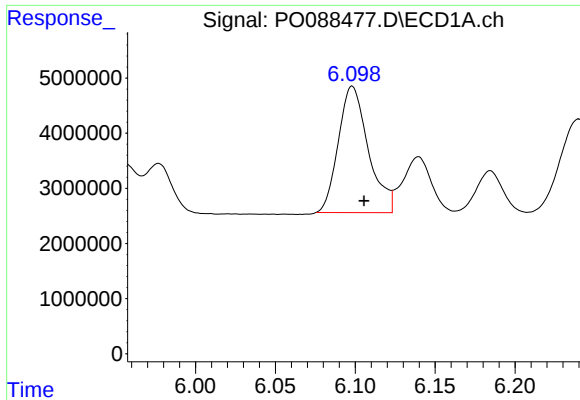
#6 AR-1016-4

R.T.: 5.802 min
Delta R.T.: -0.007 min
Response: 31419511
Conc: 509.46 ng/ml



#6 AR-1016-4

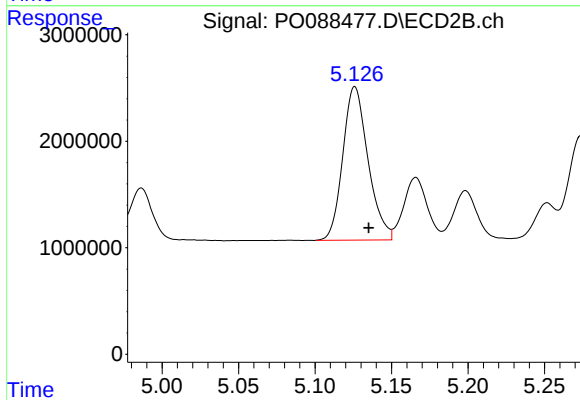
R.T.: 4.913 min
Delta R.T.: -0.009 min
Response: 12487754
Conc: 536.84 ng/ml



#7 AR-1016-5

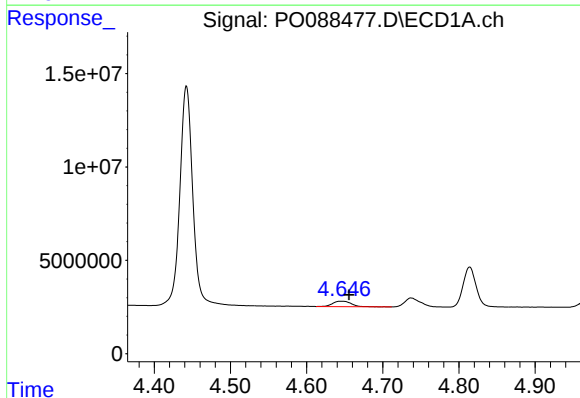
R.T.: 6.098 min
Delta R.T.: -0.007 min
Response: 29951818
Conc: 482.60 ng/ml

Instrument :
ECD_O
ClientSampleId :



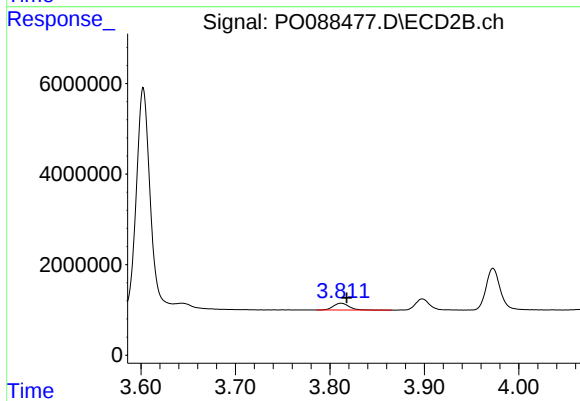
#7 AR-1016-5

R.T.: 5.126 min
Delta R.T.: -0.009 min
Response: 16575837
Conc: 560.09 ng/ml



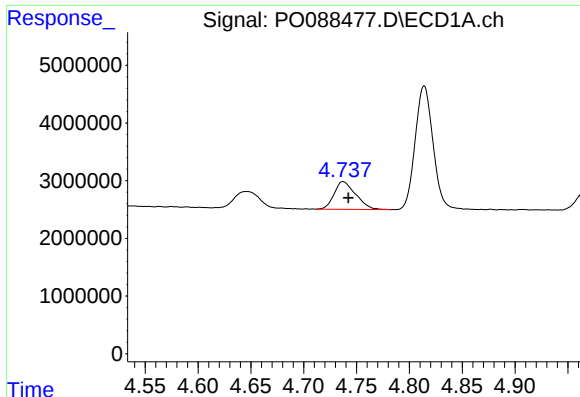
#8 AR-1221-1

R.T.: 4.646 min
Delta R.T.: -0.010 min
Response: 4923743
Conc: 162.72 ng/ml



#8 AR-1221-1

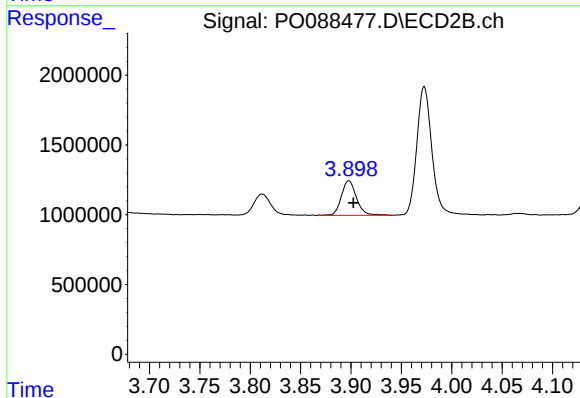
R.T.: 3.812 min
Delta R.T.: -0.006 min
Response: 1772684
Conc: 169.45 ng/ml



#9 AR-1221-2

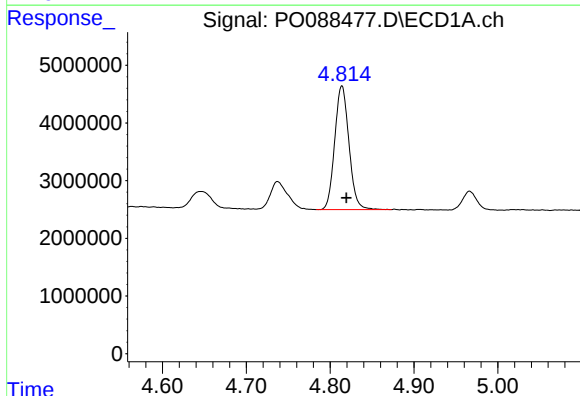
R.T.: 4.737 min
Delta R.T.: -0.005 min
Response: 6829460
Conc: 308.11 ng/ml

Instrument :
ECD_O
ClientSampleId :



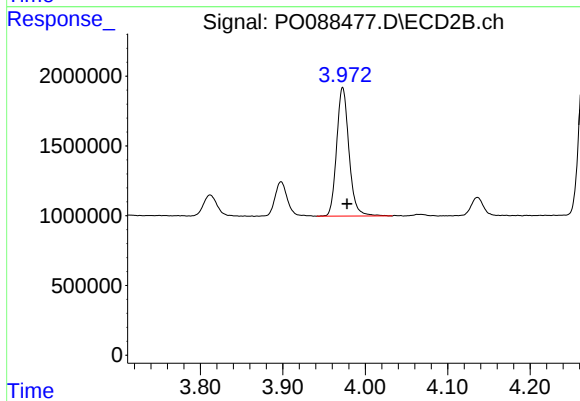
#9 AR-1221-2

R.T.: 3.898 min
Delta R.T.: -0.005 min
Response: 2590920
Conc: 326.69 ng/ml



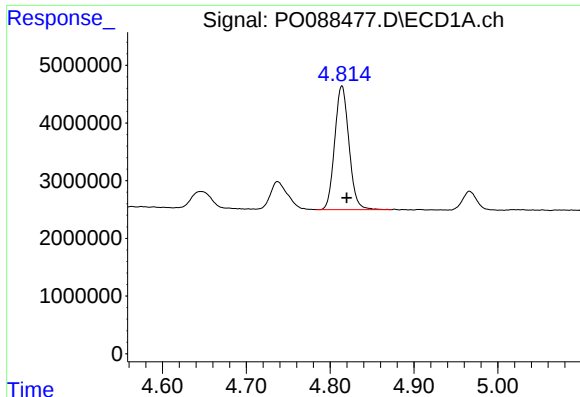
#10 AR-1221-3

R.T.: 4.814 min
Delta R.T.: -0.006 min
Response: 25349835
Conc: 367.85 ng/ml



#10 AR-1221-3

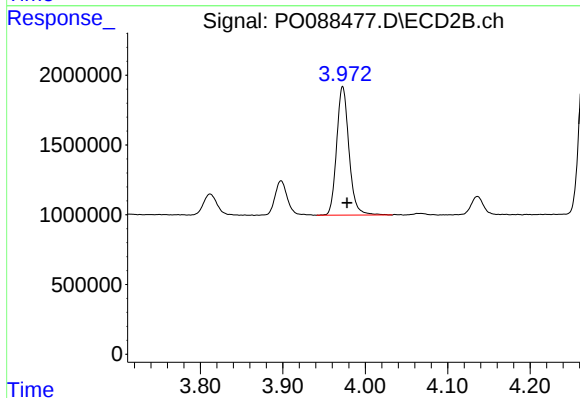
R.T.: 3.973 min
Delta R.T.: -0.005 min
Response: 9586312
Conc: 374.18 ng/ml



#11 AR-1232-1

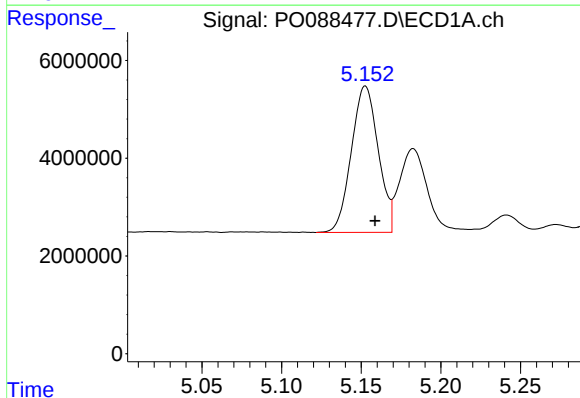
R.T.: 4.814 min
Delta R.T.: -0.006 min
Response: 25349835
Conc: 487.82 ng/ml

Instrument :
ECD_O
ClientSampleId :



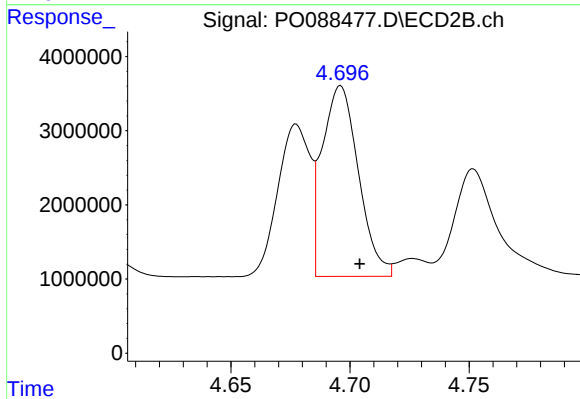
#11 AR-1232-1

R.T.: 3.973 min
Delta R.T.: -0.005 min
Response: 9586312
Conc: 495.53 ng/ml



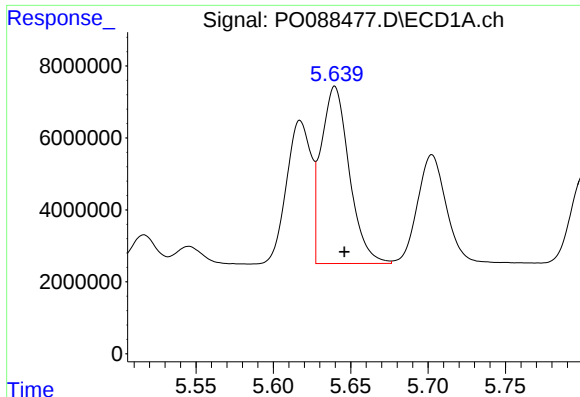
#12 AR-1232-2

R.T.: 5.153 min
Delta R.T.: -0.006 min
Response: 35150943
Conc: 1371.11 ng/ml



#12 AR-1232-2

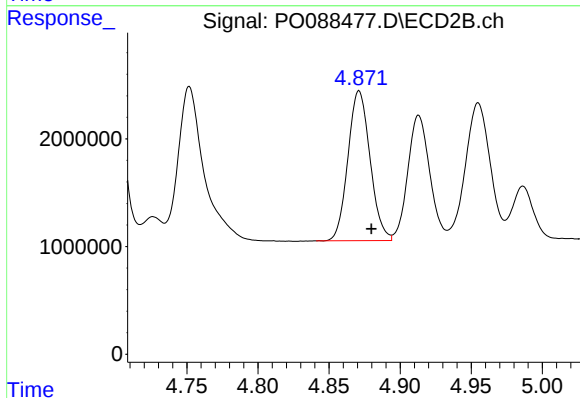
R.T.: 4.696 min
Delta R.T.: -0.008 min
Response: 27200327
Conc: 1379.23 ng/ml



#13 AR-1232-3

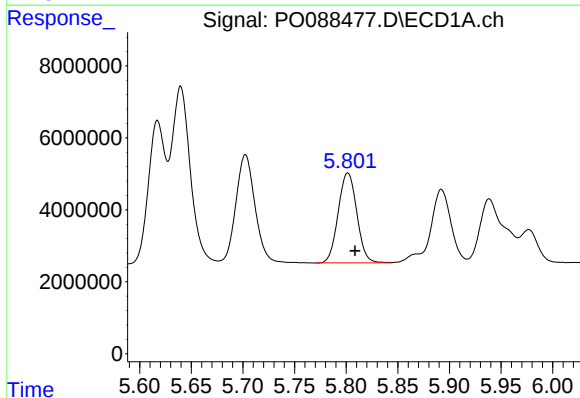
R.T.: 5.640 min
Delta R.T.: -0.006 min
Response: 62286062
Conc: 1295.24 ng/ml

Instrument :
ECD_O
ClientSampleId :



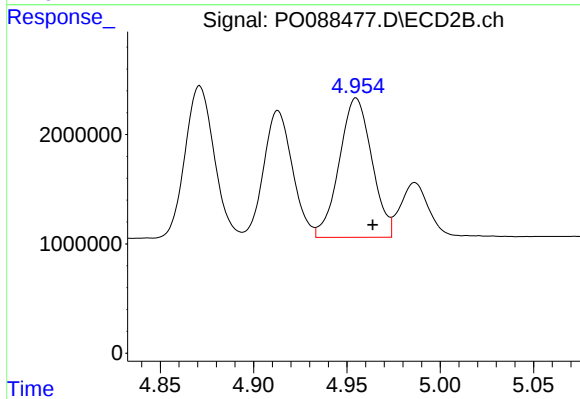
#13 AR-1232-3

R.T.: 4.871 min
Delta R.T.: -0.009 min
Response: 15077437
Conc: 1480.70 ng/ml



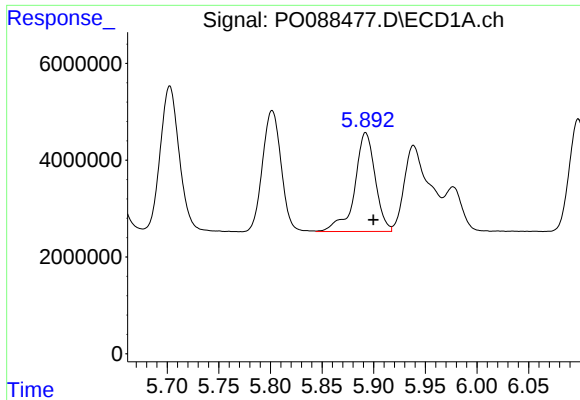
#14 AR-1232-4

R.T.: 5.802 min
Delta R.T.: -0.007 min
Response: 31419511
Conc: 1351.03 ng/ml



#14 AR-1232-4

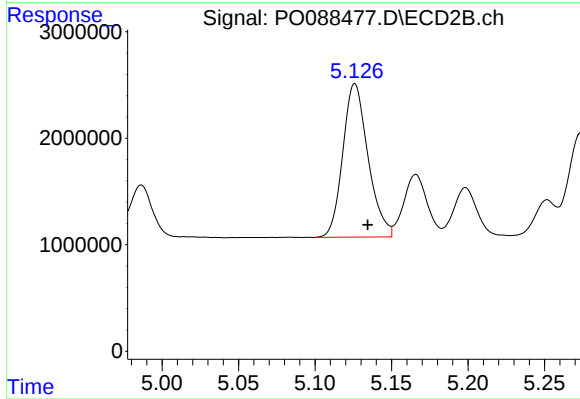
R.T.: 4.955 min
Delta R.T.: -0.009 min
Response: 15479127
Conc: 1593.48 ng/ml



#15 AR-1232-5

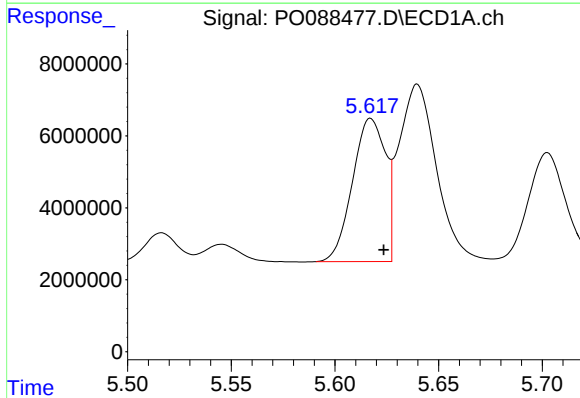
R.T.: 5.892 min
Delta R.T.: -0.007 min
Response: 28273380
Conc: 1455.20 ng/ml

Instrument :
ECD_O
ClientSampleId :



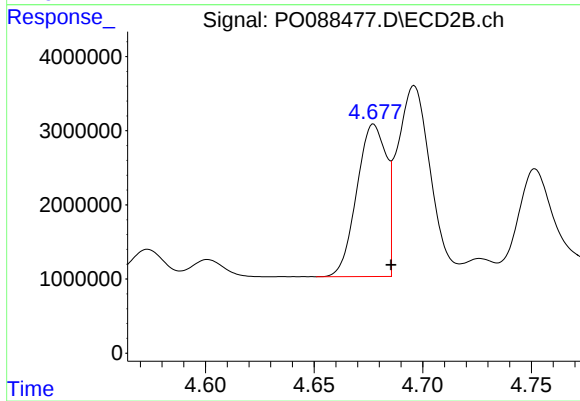
#15 AR-1232-5

R.T.: 5.126 min
Delta R.T.: -0.008 min
Response: 16575837
Conc: 1524.08 ng/ml



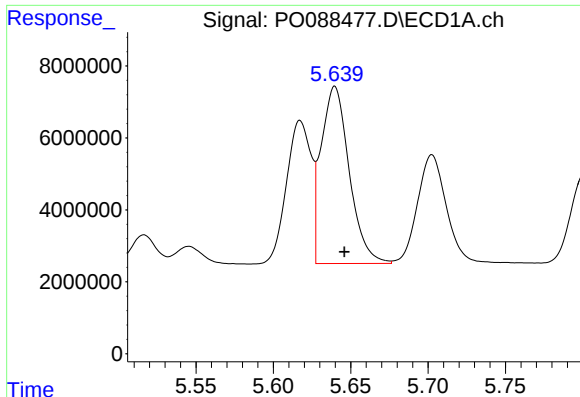
#16 AR-1242-1

R.T.: 5.617 min
Delta R.T.: -0.006 min
Response: 44070594
Conc: 645.54 ng/ml



#16 AR-1242-1

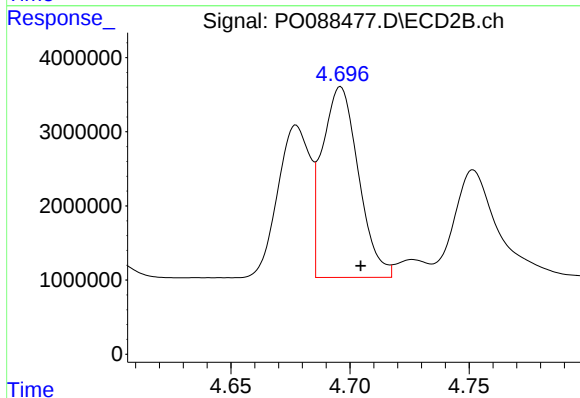
R.T.: 4.677 min
Delta R.T.: -0.008 min
Response: 19383868
Conc: 666.27 ng/ml



#17 AR-1242-2

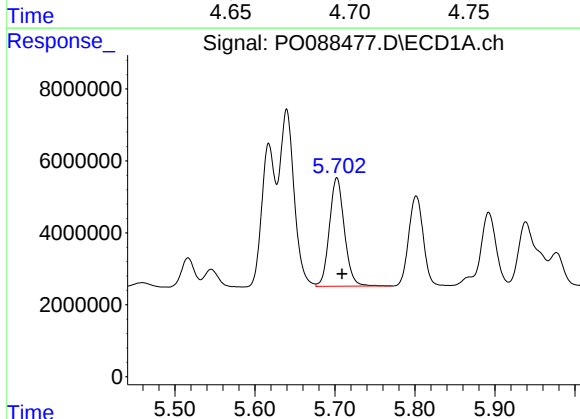
R.T.: 5.640 min
Delta R.T.: -0.006 min
Response: 62286062
Conc: 643.01 ng/ml

Instrument :
ECD_O
ClientSampleId :



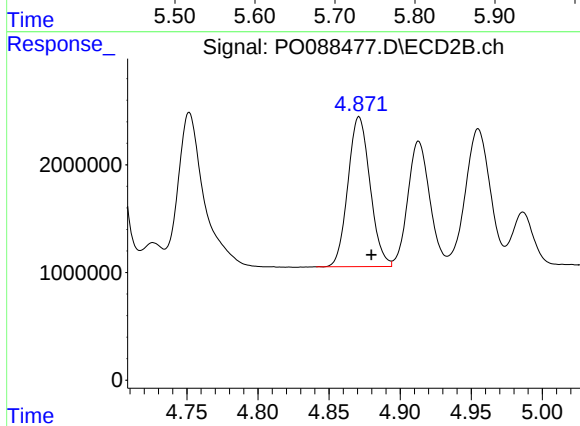
#17 AR-1242-2

R.T.: 4.696 min
Delta R.T.: -0.008 min
Response: 27200327
Conc: 671.59 ng/ml



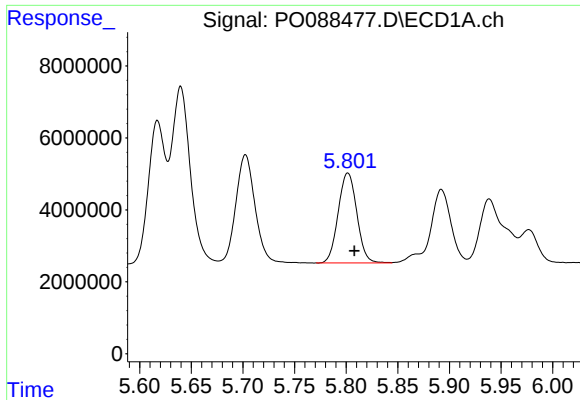
#18 AR-1242-3

R.T.: 5.703 min
Delta R.T.: -0.007 min
Response: 39139632
Conc: 645.09 ng/ml



#18 AR-1242-3

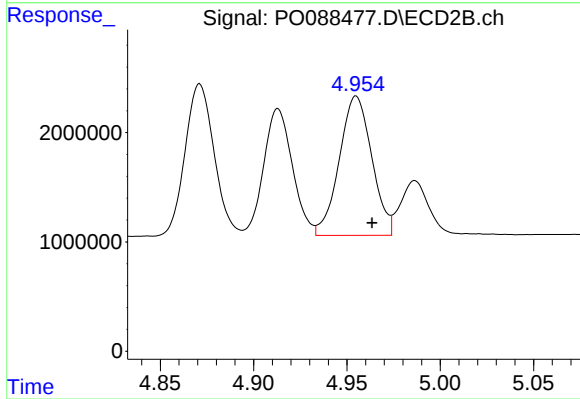
R.T.: 4.871 min
Delta R.T.: -0.009 min
Response: 15077437
Conc: 682.38 ng/ml



#19 AR-1242-4

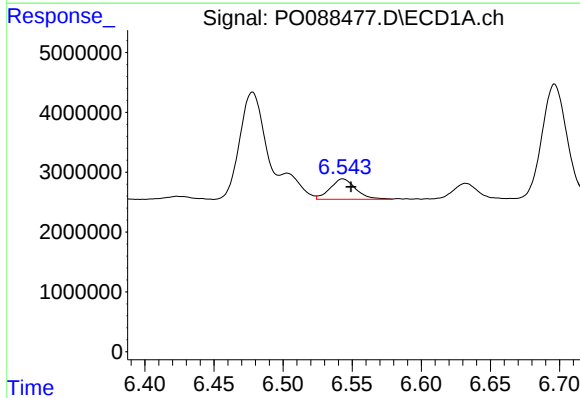
R.T.: 5.802 min
Delta R.T.: -0.006 min
Response: 31419511
Conc: 652.31 ng/ml

Instrument :
ECD_O
ClientSampleId :



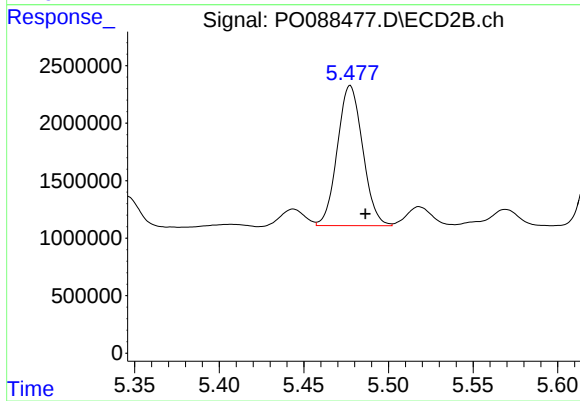
#19 AR-1242-4

R.T.: 4.955 min
Delta R.T.: -0.009 min
Response: 15479127
Conc: 662.03 ng/ml



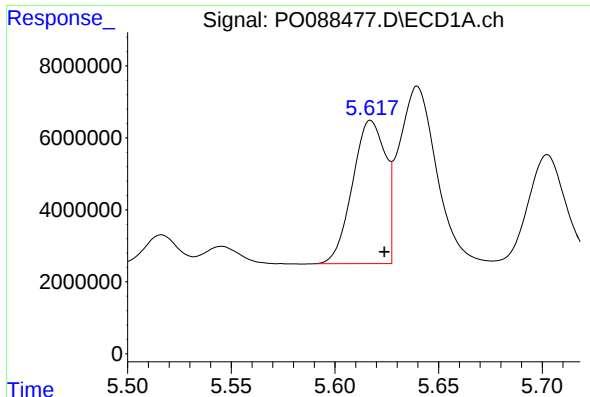
#20 AR-1242-5

R.T.: 6.543 min
Delta R.T.: -0.006 min
Response: 4407951
Conc: 83.70 ng/ml



#20 AR-1242-5

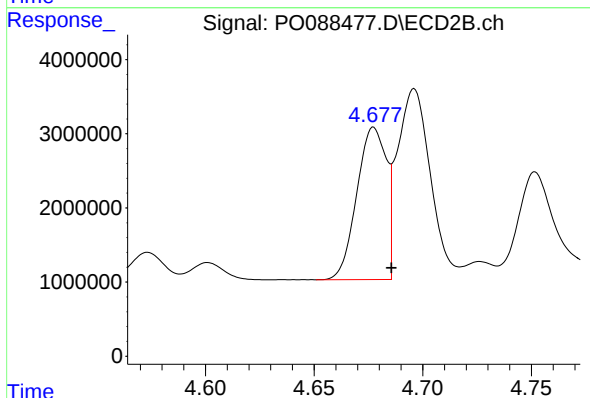
R.T.: 5.477 min
Delta R.T.: -0.009 min
Response: 12699567
Conc: 473.85 ng/ml



#21 AR-1248-1

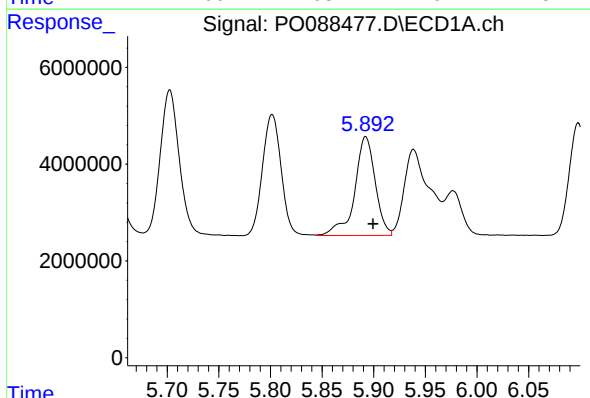
R.T.: 5.617 min
Delta R.T.: -0.007 min
Response: 44070594
Conc: 824.85 ng/ml

Instrument :
ECD_O
ClientSampleId :



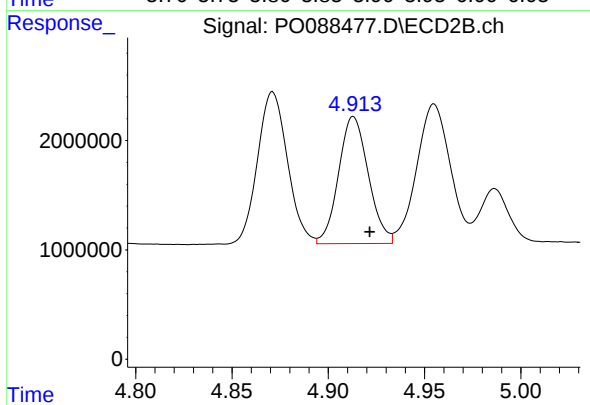
#21 AR-1248-1

R.T.: 4.677 min
Delta R.T.: -0.008 min
Response: 19383868
Conc: 846.23 ng/ml



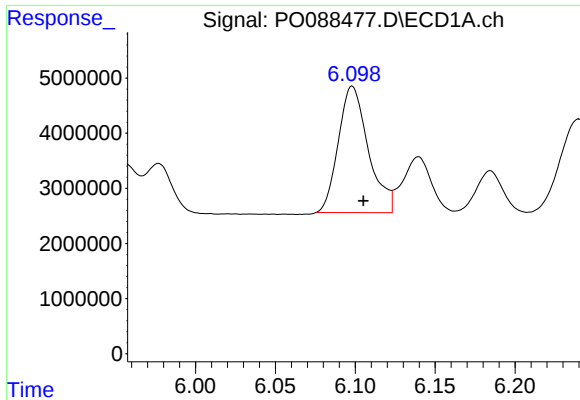
#22 AR-1248-2

R.T.: 5.892 min
Delta R.T.: -0.007 min
Response: 28273380
Conc: 363.88 ng/ml



#22 AR-1248-2

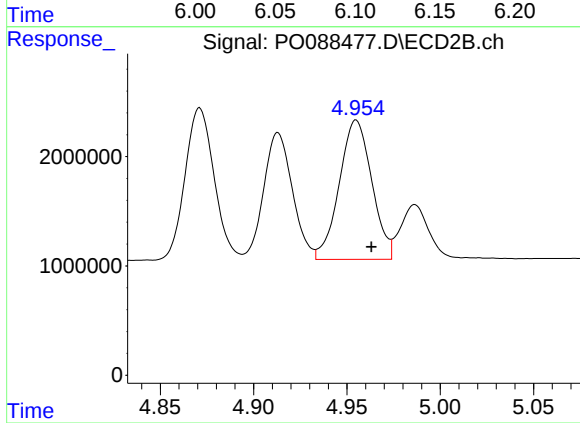
R.T.: 4.913 min
Delta R.T.: -0.008 min
Response: 12487754
Conc: 370.20 ng/ml



#23 AR-1248-3

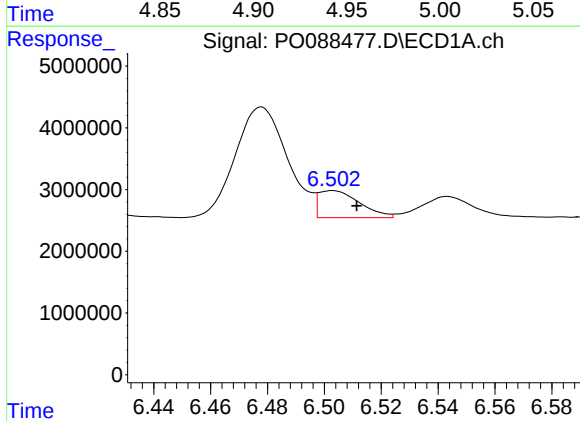
R.T.: 6.098 min
Delta R.T.: -0.007 min
Response: 29951818
Conc: 357.81 ng/ml

Instrument :
ECD_O
ClientSampleId :



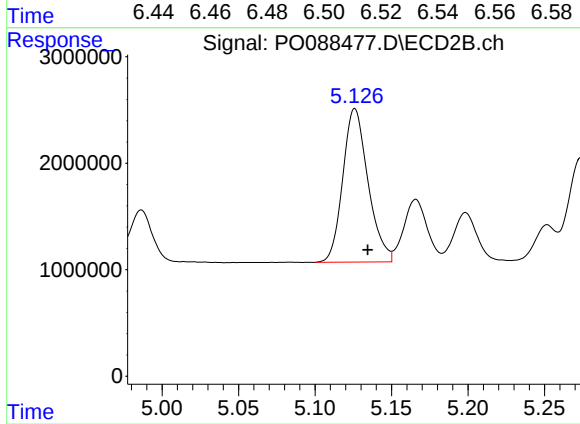
#23 AR-1248-3

R.T.: 4.955 min
Delta R.T.: -0.008 min
Response: 15479127
Conc: 445.40 ng/ml



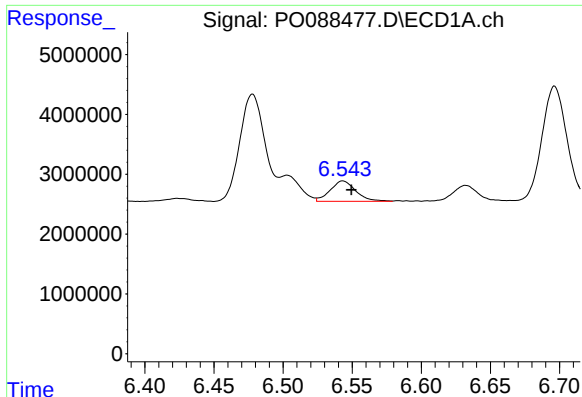
#24 AR-1248-4

R.T.: 6.503 min
Delta R.T.: -0.008 min
Response: 4355652
Conc: 47.39 ng/ml



#24 AR-1248-4

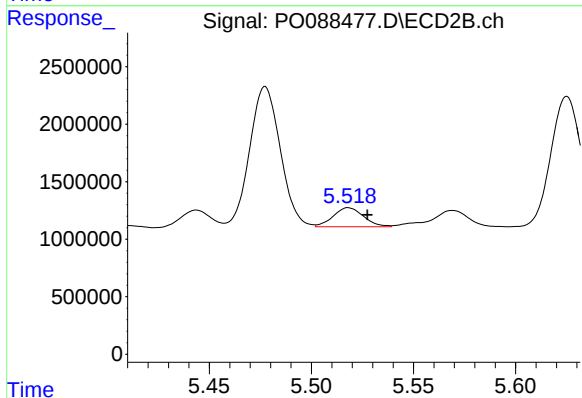
R.T.: 5.126 min
Delta R.T.: -0.008 min
Response: 16575837
Conc: 395.94 ng/ml



#25 AR-1248-5

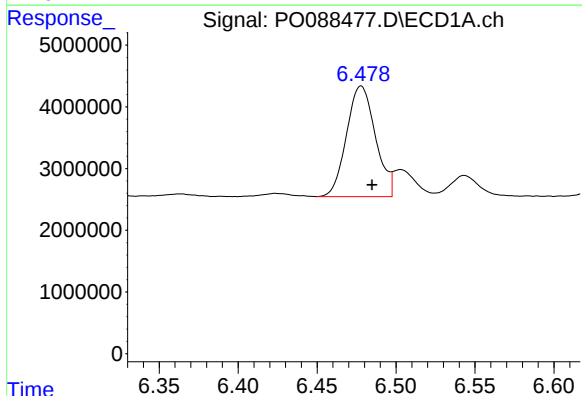
R.T.: 6.543 min
Delta R.T.: -0.006 min
Response: 4407951
Conc: 49.01 ng/ml

Instrument :
ECD_O
ClientSampleId :



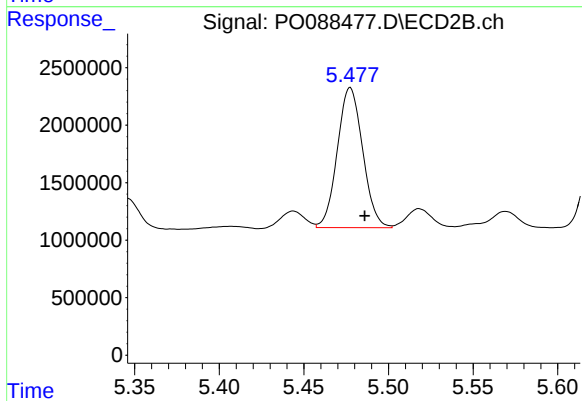
#25 AR-1248-5

R.T.: 5.518 min
Delta R.T.: -0.009 min
Response: 1710344
Conc: 47.47 ng/ml



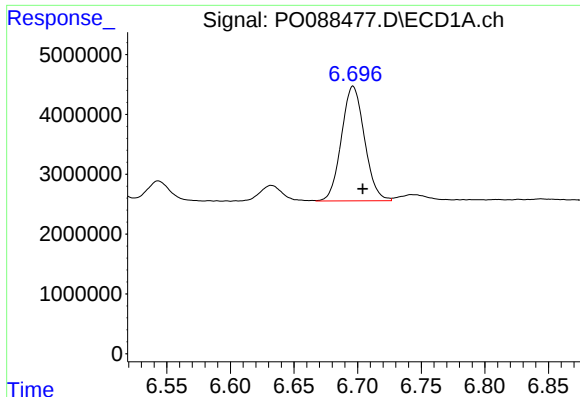
#26 AR-1254-1

R.T.: 6.478 min
Delta R.T.: -0.007 min
Response: 22887021
Conc: 241.39 ng/ml



#26 AR-1254-1

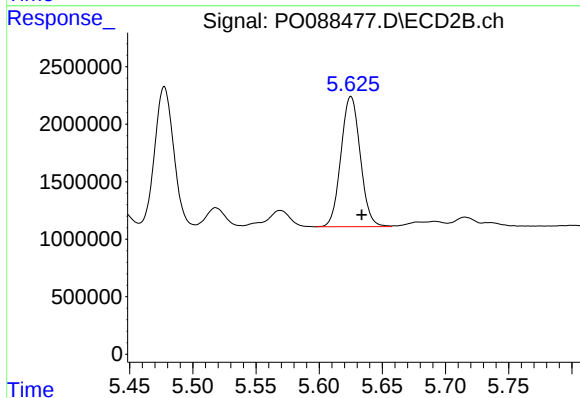
R.T.: 5.477 min
Delta R.T.: -0.008 min
Response: 12699567
Conc: 220.27 ng/ml



#27 AR-1254-2

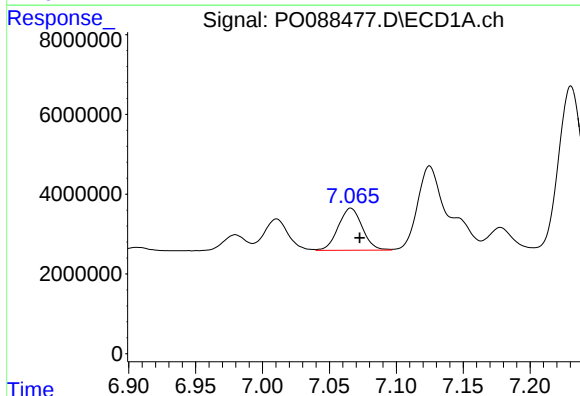
R.T.: 6.696 min
Delta R.T.: -0.008 min
Response: 24154619
Conc: 168.26 ng/ml

Instrument :
ECD_O
ClientSampleId :



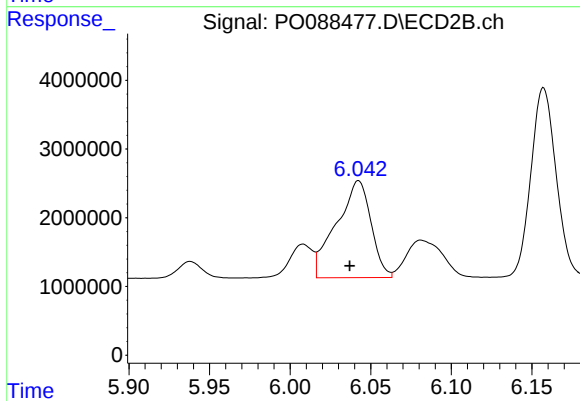
#27 AR-1254-2

R.T.: 5.625 min
Delta R.T.: -0.009 min
Response: 12042605
Conc: 234.86 ng/ml



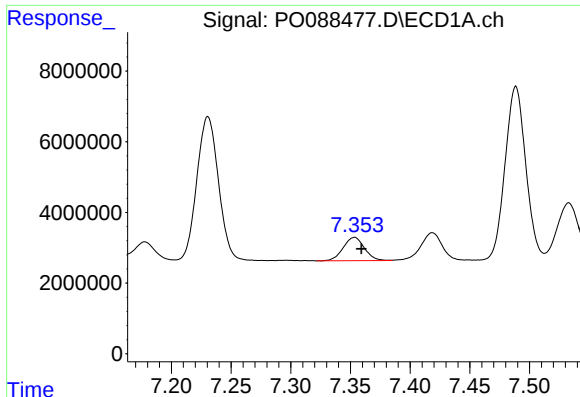
#28 AR-1254-3

R.T.: 7.066 min
Delta R.T.: -0.007 min
Response: 13165680
Conc: 89.88 ng/ml



#28 AR-1254-3

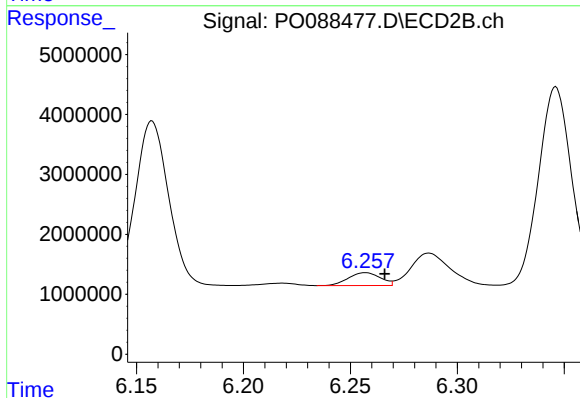
R.T.: 6.042 min
Delta R.T.: 0.005 min
Response: 21088089
Conc: 259.87 ng/ml



#29 AR-1254-4

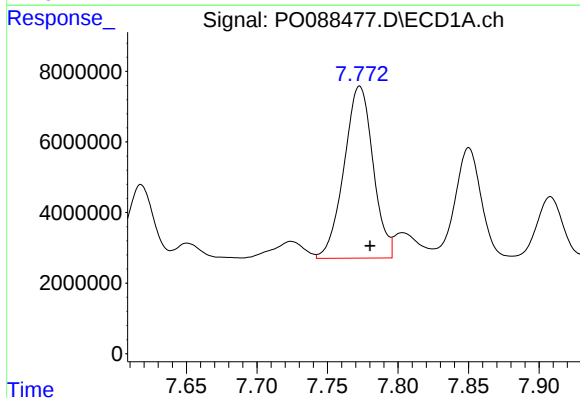
R.T.: 7.353 min
Delta R.T.: -0.006 min
Response: 8174402
Conc: 75.53 ng/ml

Instrument :
ECD_O
ClientSampleId :



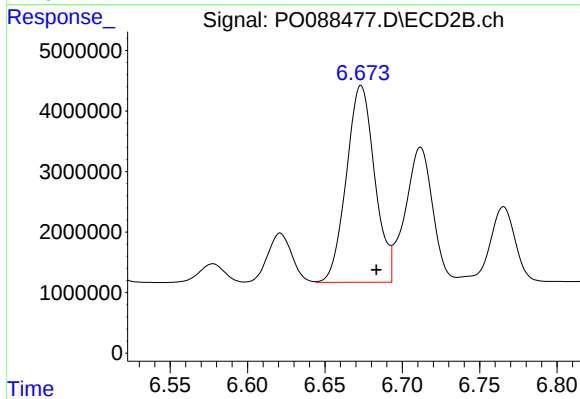
#29 AR-1254-4

R.T.: 6.257 min
Delta R.T.: -0.009 min
Response: 2263338
Conc: 45.38 ng/ml



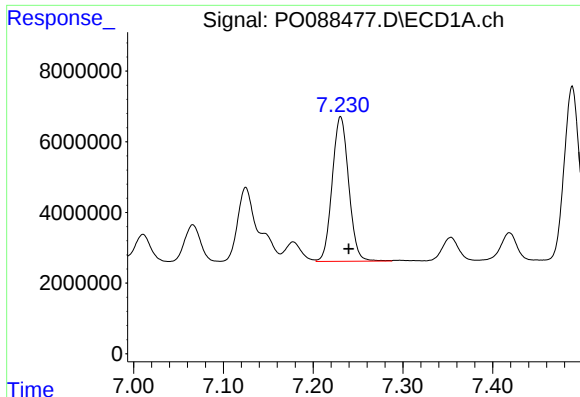
#30 AR-1254-5

R.T.: 7.773 min
Delta R.T.: -0.007 min
Response: 69949739
Conc: 581.20 ng/ml



#30 AR-1254-5

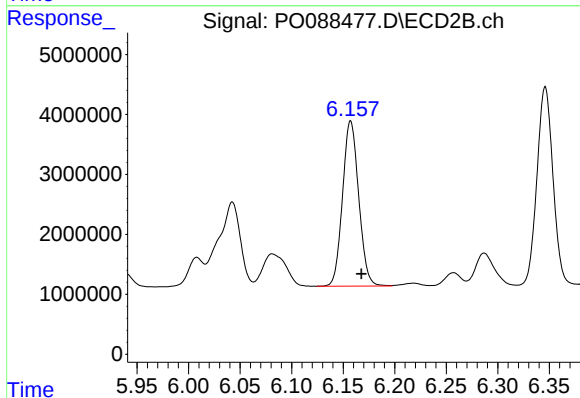
R.T.: 6.673 min
Delta R.T.: -0.010 min
Response: 41395774
Conc: 548.10 ng/ml



#31 AR-1260-1

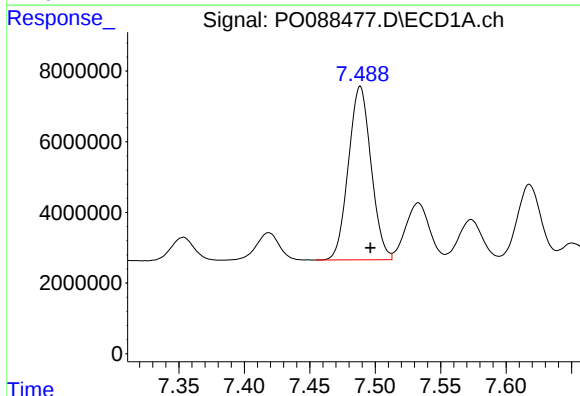
R.T.: 7.231 min
Delta R.T.: -0.009 min
Response: 52253965
Conc: 449.08 ng/ml

Instrument :
ECD_O
ClientSampleId :



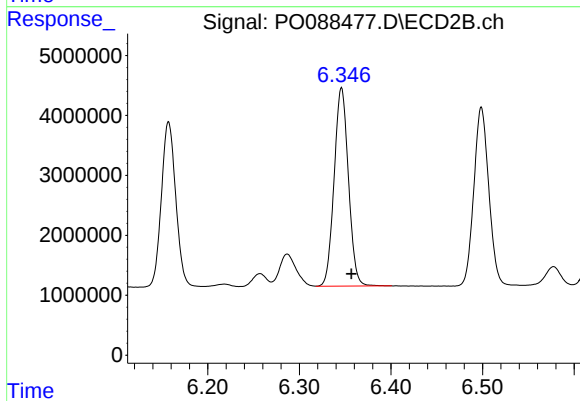
#31 AR-1260-1

R.T.: 6.157 min
Delta R.T.: -0.010 min
Response: 30059346
Conc: 554.62 ng/ml



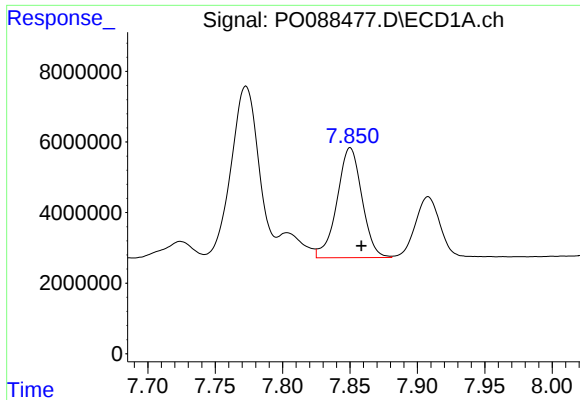
#32 AR-1260-2

R.T.: 7.489 min
Delta R.T.: -0.008 min
Response: 59302954
Conc: 438.91 ng/ml



#32 AR-1260-2

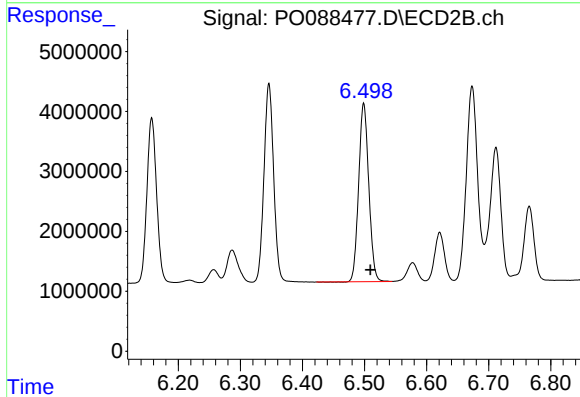
R.T.: 6.346 min
Delta R.T.: -0.011 min
Response: 35858782
Conc: 552.25 ng/ml



#33 AR-1260-3

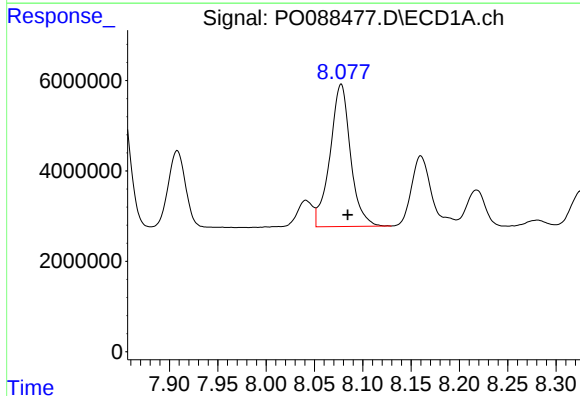
R.T.: 7.850 min
Delta R.T.: -0.008 min
Response: 40240321
Conc: 439.54 ng/ml

Instrument :
ECD_O
ClientSampleId :



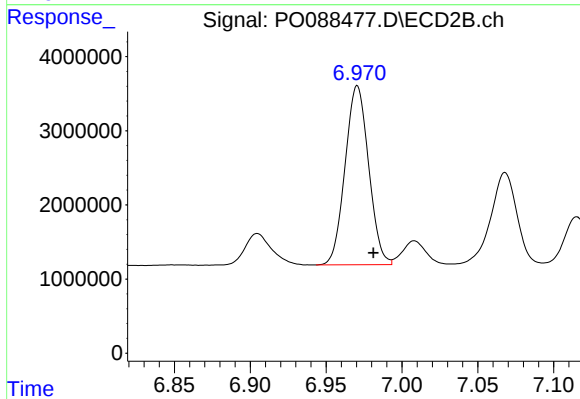
#33 AR-1260-3

R.T.: 6.499 min
Delta R.T.: -0.011 min
Response: 33673386
Conc: 541.35 ng/ml



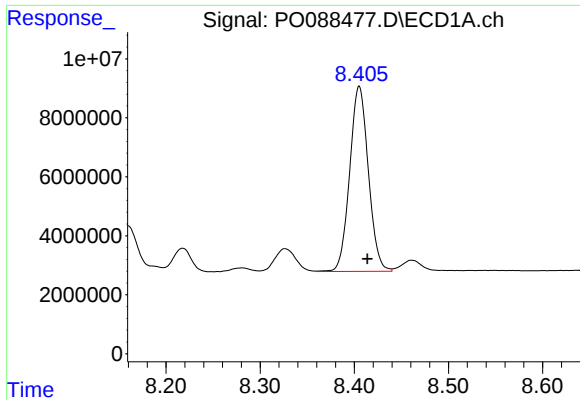
#34 AR-1260-4

R.T.: 8.078 min
Delta R.T.: -0.007 min
Response: 46612929
Conc: 431.51 ng/ml



#34 AR-1260-4

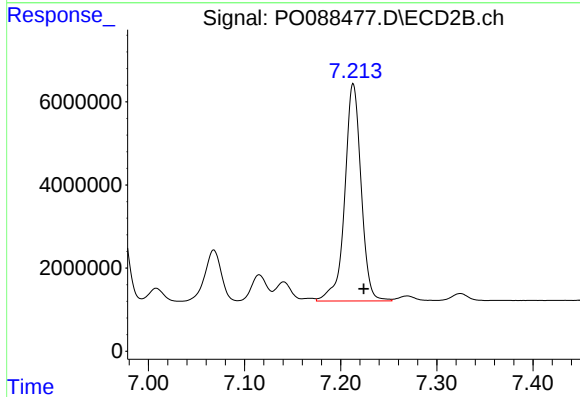
R.T.: 6.971 min
Delta R.T.: -0.011 min
Response: 26119440
Conc: 552.21 ng/ml



#35 AR-1260-5

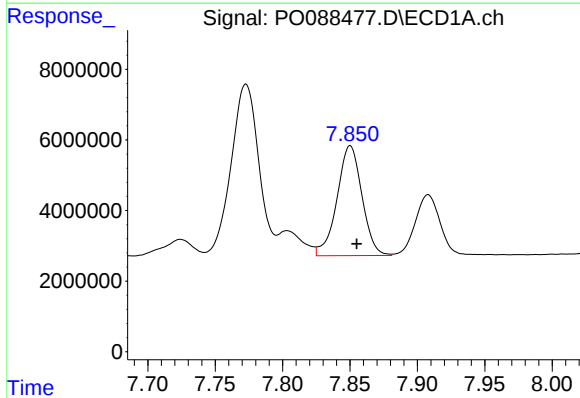
R.T.: 8.405 min
Delta R.T.: -0.009 min
Response: 86443009
Conc: 421.26 ng/ml

Instrument :
ECD_O
ClientSampleId :



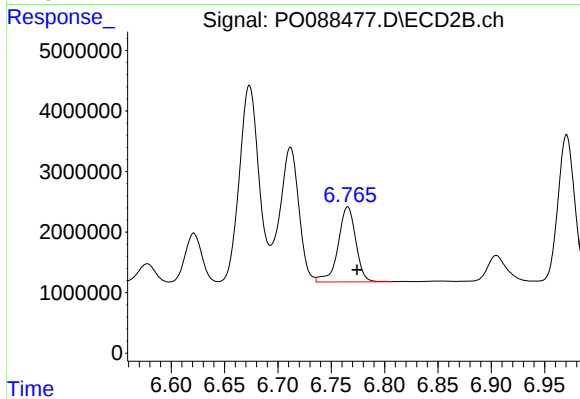
#35 AR-1260-5

R.T.: 7.213 min
Delta R.T.: -0.011 min
Response: 61928073
Conc: 541.25 ng/ml



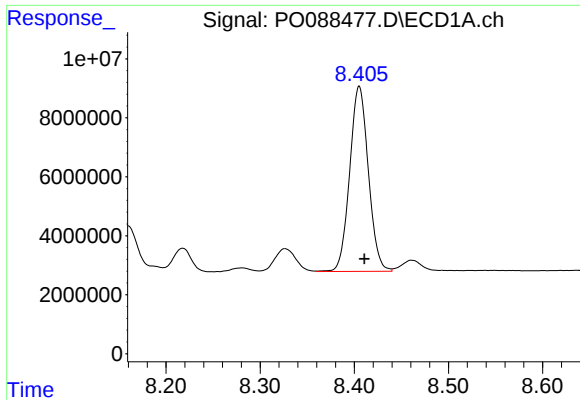
#36 AR-1262-1

R.T.: 7.850 min
Delta R.T.: -0.005 min
Response: 40240321
Conc: 292.94 ng/ml



#36 AR-1262-1

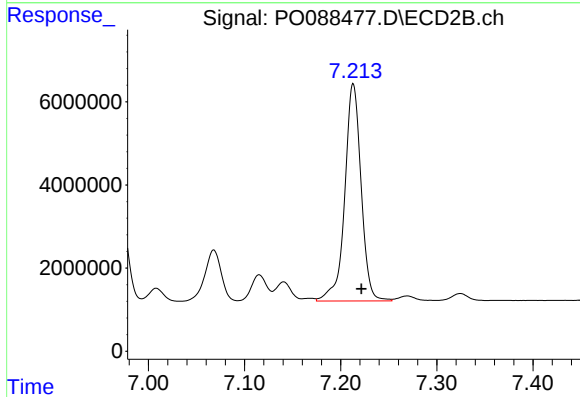
R.T.: 6.765 min
Delta R.T.: -0.009 min
Response: 14301724
Conc: 471.86 ng/ml



#37 AR-1262-2

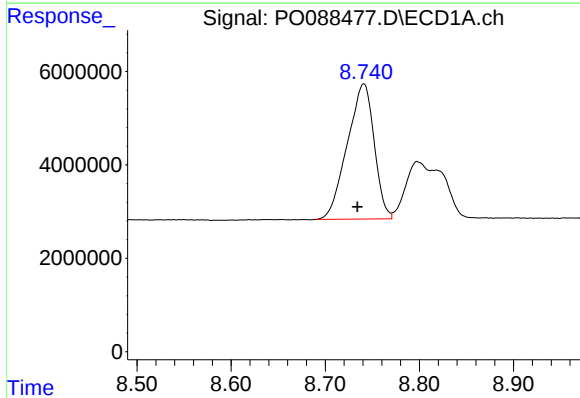
R.T.: 8.405 min
Delta R.T.: -0.005 min
Response: 86443009
Conc: 367.32 ng/ml

Instrument :
ECD_O
ClientSampleId :



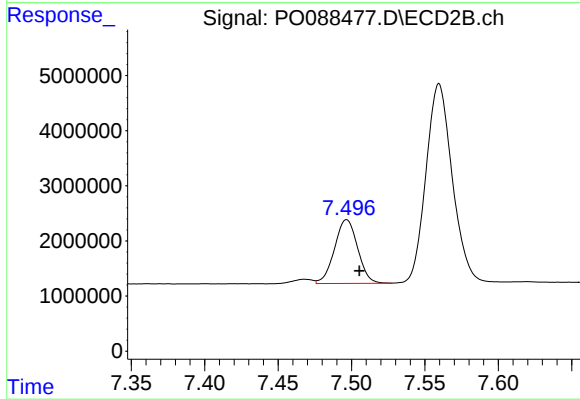
#37 AR-1262-2

R.T.: 7.213 min
Delta R.T.: -0.008 min
Response: 61928073
Conc: 460.90 ng/ml



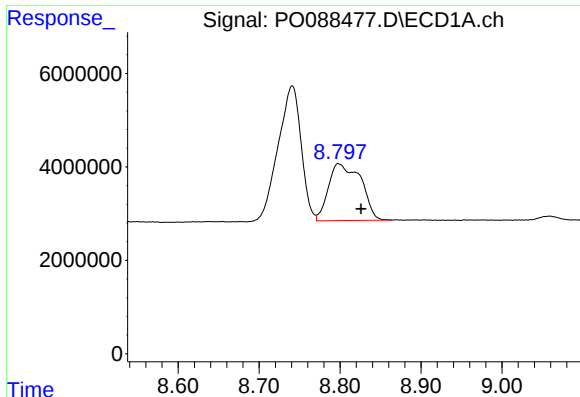
#38 AR-1262-3

R.T.: 8.741 min
Delta R.T.: 0.007 min
Response: 57402626
Conc: 346.34 ng/ml



#38 AR-1262-3

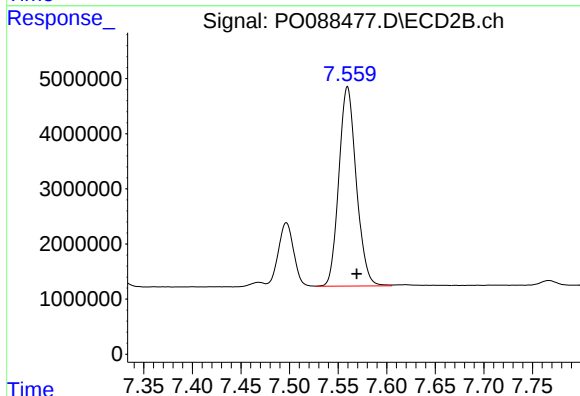
R.T.: 7.497 min
Delta R.T.: -0.009 min
Response: 12670677
Conc: 232.34 ng/ml



#39 AR-1262-4

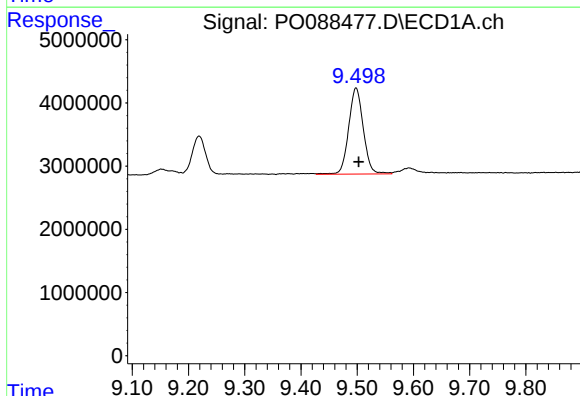
R.T.: 8.798 min
Delta R.T.: -0.028 min
Response: 33874797
Conc: 405.78 ng/ml

Instrument :
ECD_O
ClientSampleId :



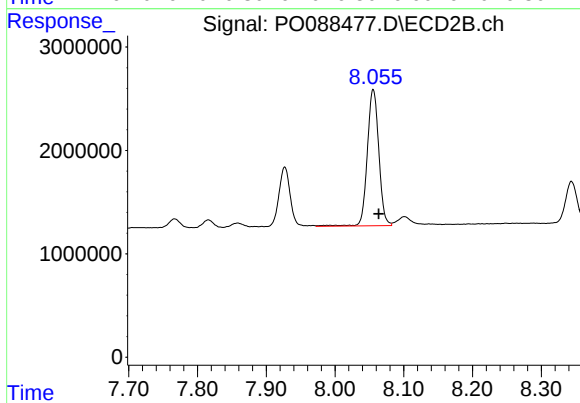
#39 AR-1262-4

R.T.: 7.560 min
Delta R.T.: -0.009 min
Response: 45134427
Conc: 446.15 ng/ml



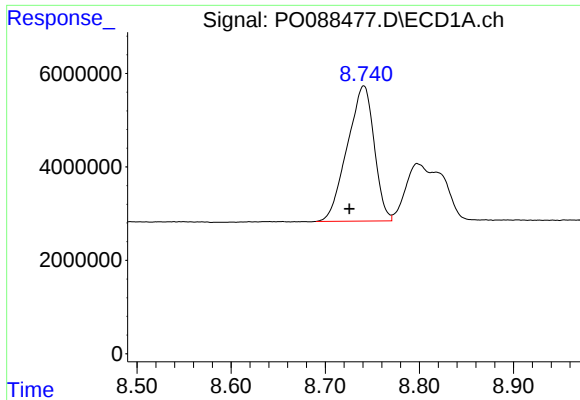
#40 AR-1262-5

R.T.: 9.498 min
Delta R.T.: -0.005 min
Response: 24672322
Conc: 276.84 ng/ml



#40 AR-1262-5

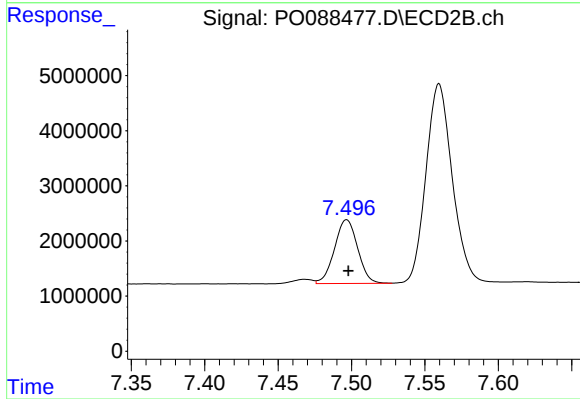
R.T.: 8.056 min
Delta R.T.: -0.008 min
Response: 15325826
Conc: 312.05 ng/ml



#41 AR-1268-1

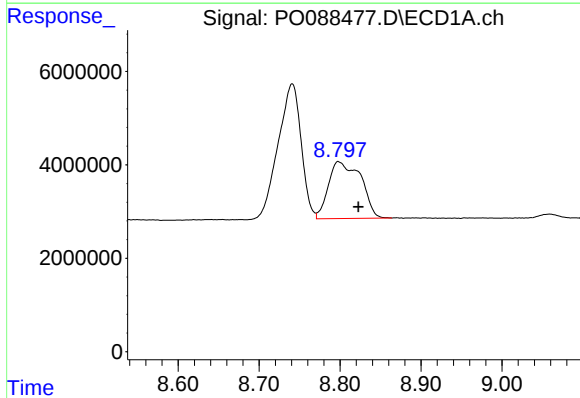
R.T.: 8.741 min
Delta R.T.: 0.015 min
Response: 57402626
Conc: 228.00 ng/ml

Instrument :
ECD_O
ClientSampleId :



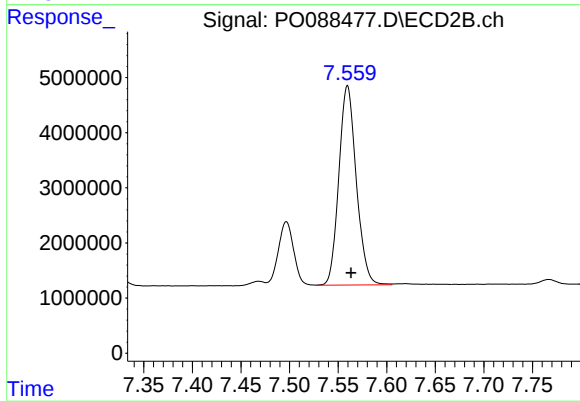
#41 AR-1268-1

R.T.: 7.497 min
Delta R.T.: -0.001 min
Response: 12670677
Conc: 76.89 ng/ml



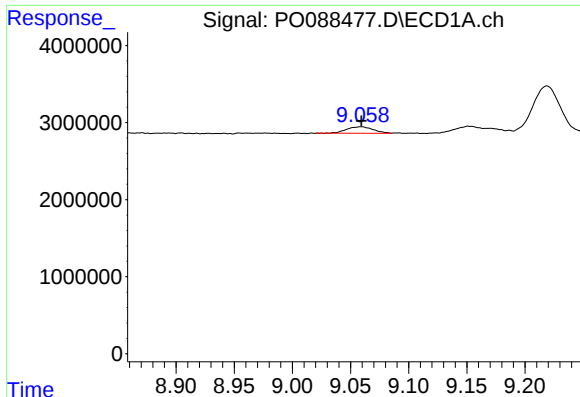
#42 AR-1268-2

R.T.: 8.798 min
Delta R.T.: -0.025 min
Response: 33874797
Conc: 146.13 ng/ml



#42 AR-1268-2

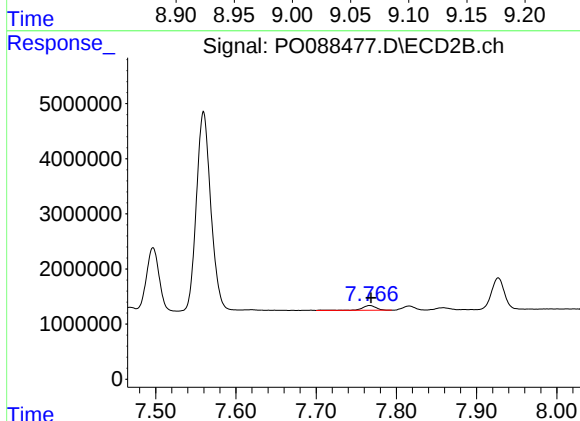
R.T.: 7.560 min
Delta R.T.: -0.004 min
Response: 45134427
Conc: 301.10 ng/ml



#43 AR-1268-3

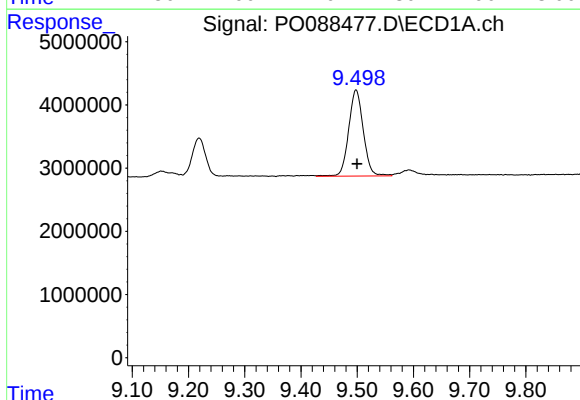
R.T.: 9.059 min
Delta R.T.: 0.000 min
Response: 1361036
Conc: 6.78 ng/ml

Instrument :
ECD_O
ClientSampleId :



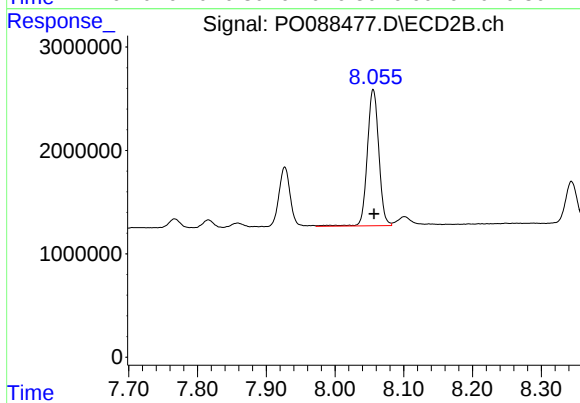
#43 AR-1268-3

R.T.: 7.767 min
Delta R.T.: -0.002 min
Response: 1069216
Conc: 8.47 ng/ml



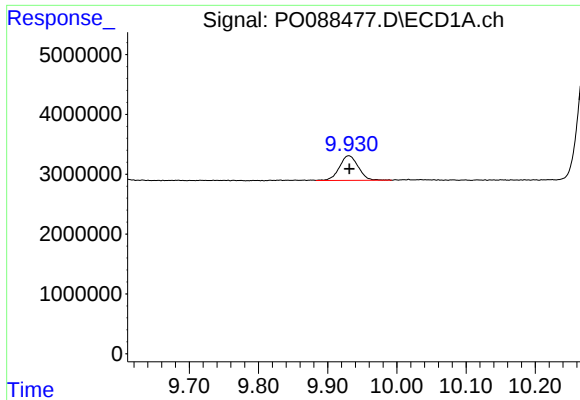
#44 AR-1268-4

R.T.: 9.498 min
Delta R.T.: -0.002 min
Response: 24672322
Conc: 268.50 ng/ml



#44 AR-1268-4

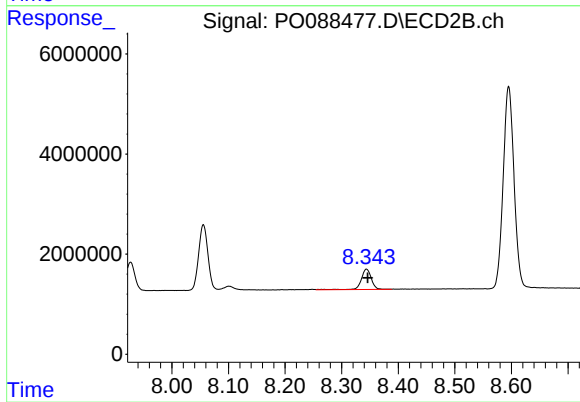
R.T.: 8.056 min
Delta R.T.: -0.001 min
Response: 15325826
Conc: 290.85 ng/ml



#45 AR-1268-5

R.T.: 9.930 min
Delta R.T.: 0.000 min
Response: 7855300
Conc: 11.91 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.344 min
Delta R.T.: -0.002 min
Response: 5172442
Conc: 13.45 ng/ml