

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0072022\
 Data File : P0088221.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Jul 2022 04:19
 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: Jul 21 04:38:28 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0071422.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Jul 15 03:57:23 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...	4.444	3.603	145.1E6	53331689	56.881	56.526
2)	SA Decachlor...	10.287	8.599	98868553	52058100	46.555	49.815
Target Compounds							
3)	L1 AR-1016-1	5.619	4.680	47064223	21401093	536.629	594.801
4)	L1 AR-1016-2	5.642	4.698	66298704	30190941	528.430	590.880
5)	L1 AR-1016-3	5.705	4.874	42237361	16721452	544.516	602.329
6)	L1 AR-1016-4	5.804	4.916	34171829	13719040	554.083	589.770
7)	L1 AR-1016-5	6.101	5.129	34239554	17218016	551.686	581.785
8)	L2 AR-1221-1	4.647	3.813	5103379	1957072	168.661	187.072
9)	L2 AR-1221-2	4.739	3.899	7173348	2819814	323.623	355.554
10)	L2 AR-1221-3	4.816	3.974	26030532	10566959	377.730	412.452
11)	L3 AR-1232-1	4.816	3.974	26030532	10566959	500.919	546.216
12)	L3 AR-1232-2	5.155	4.698	35633522	30190941	1389.931	1530.871
13)	L3 AR-1232-3	5.642	4.874	66298704	16721452	1378.686	1642.156
14)	L3 AR-1232-4	5.804	4.958	34171829	17043099	1469.375	1754.477
15)	L3 AR-1232-5	5.895	5.129	31258415	17218016	1608.838	1583.123
16)	L4 AR-1242-1	5.619	4.680	47064223	21401093	689.392	735.605
17)	L4 AR-1242-2	5.642	4.698	66298704	30190941	684.440	745.424
18)	L4 AR-1242-3	5.705	4.874	42237361	16721452	696.150	756.784
19)	L4 AR-1242-4	5.804	4.958	34171829	17043099	709.449	728.915
20)	L4 AR-1242-5	6.545	5.480	6891901	13185345	130.867	491.974 #
21)	L5 AR-1248-1	5.619	4.680	47064223	21401093	880.885	934.290
22)	L5 AR-1248-2	5.895	4.916	31258415	13719040	402.296	406.702
23)	L5 AR-1248-3	6.101	4.958	34239554	17043099	409.028	490.402
24)	L5 AR-1248-4	6.505	5.129	5886780	17218016	64.051	411.275 #
25)	L5 AR-1248-5	6.545	5.521	6891901	1883976	76.631	52.290 #
26)	L6 AR-1254-1	6.480	5.480	26502900	13185345	279.527	228.694
27)	L6 AR-1254-2	6.699	5.628	27171345	12219928	189.270	238.320 #
28)	L6 AR-1254-3	7.068	6.046	13452784	21721752	91.843	267.675 #
29)	L6 AR-1254-4	7.355	6.260	9025012	2426364	83.389	48.650 #
30)	L6 AR-1254-5	7.775	6.677	69476960	42246939	577.275	559.374
31)	L7 AR-1260-1	7.233	6.161	54198619	30649809	465.796	565.514
32)	L7 AR-1260-2	7.491	6.349	62159152	36684658	460.051	564.968
33)	L7 AR-1260-3	7.853	6.502	39716357	34858829	433.819	560.412 #
34)	L7 AR-1260-4	8.079	6.974	46445375	26414222	429.958	558.437 #
35)	L7 AR-1260-5	8.407	7.216	89466088	61746013	435.991	539.656
36)	L8 AR-1262-1	7.853	6.769	39716357	14744381	289.127	486.461 #
37)	L8 AR-1262-2	8.407	7.216	89466088	61746013	380.165	459.541
38)	L8 AR-1262-3	8.743	7.500	60556996	12733463	365.372	233.489 #
39)	L8 AR-1262-4	8.821	7.563	13931355	45383784	166.882	448.616 #
40)	L8 AR-1262-5	9.501	8.058	25959248	14871267	291.283	302.790
41)	L9 AR-1268-1	8.743	7.500	60556996	12733463	214.117	80.366 #

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 ALS Vial : 3 Sample Multiplier: 1

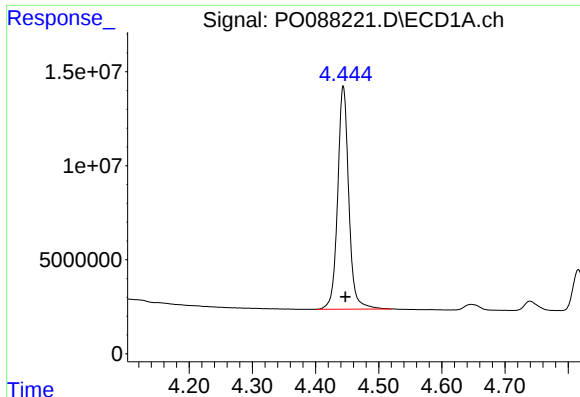
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
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 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	8.821	7.563	13931355	45383784	53.582	315.513 #
43) L9	AR-1268-3	9.059	7.771	1730935	1006549	7.730	8.081
44) L9	AR-1268-4	9.501	8.058	25959248	14871267	264.767	277.200
45) L9	AR-1268-5	9.934	8.347	9405978	4714628	12.947	12.193

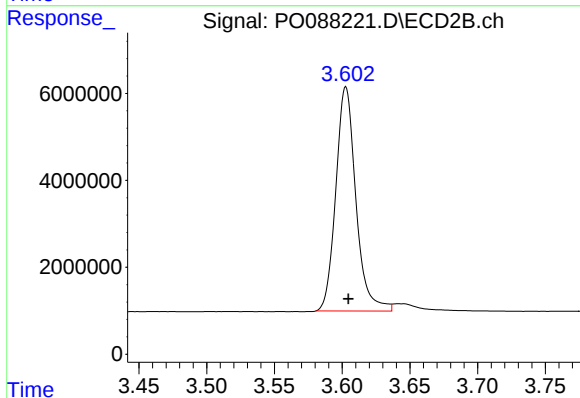
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

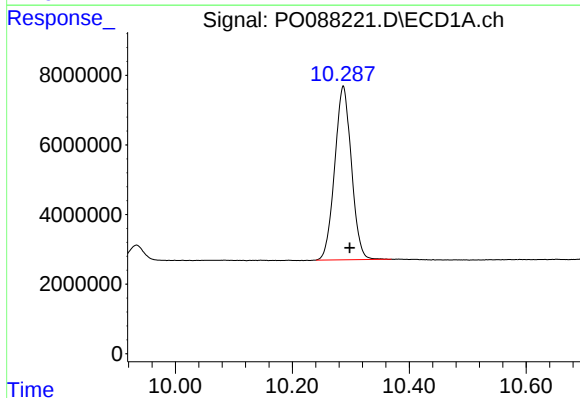
R.T.: 4.444 min
Delta R.T.: -0.003 min
Response: 145114245
Conc: 56.88 ng/ml

Instrument :
ECD_O
ClientSampleId :



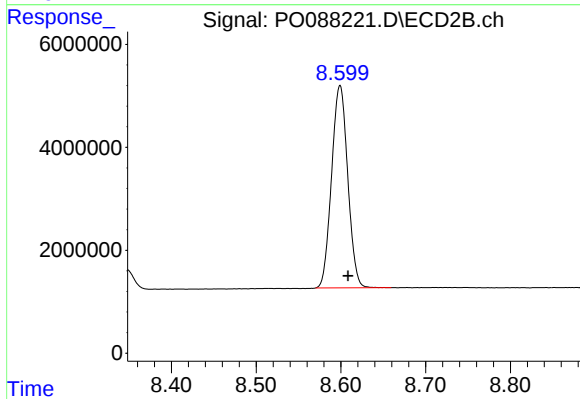
#1 Tetrachloro-m-xylene

R.T.: 3.603 min
Delta R.T.: -0.002 min
Response: 53331689
Conc: 56.53 ng/ml



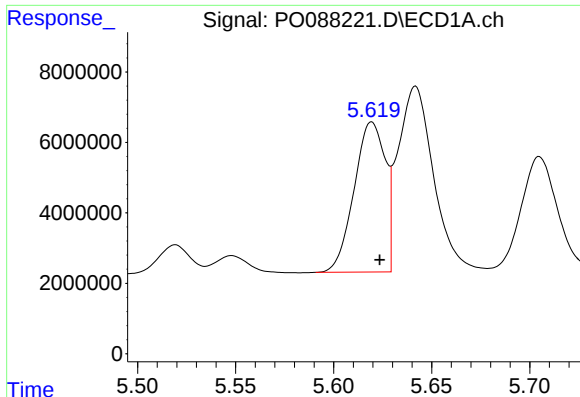
#2 Decachlorobiphenyl

R.T.: 10.287 min
Delta R.T.: -0.011 min
Response: 98868553
Conc: 46.55 ng/ml



#2 Decachlorobiphenyl

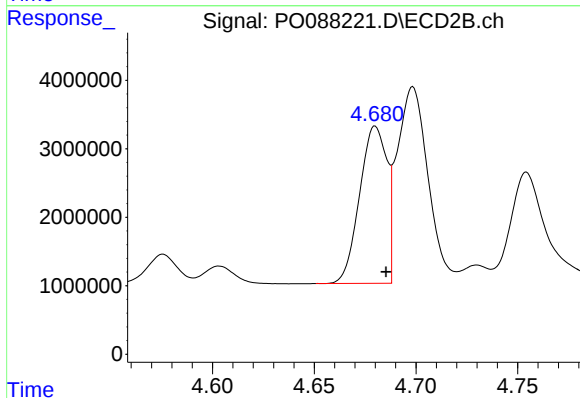
R.T.: 8.599 min
Delta R.T.: -0.010 min
Response: 52058100
Conc: 49.82 ng/ml



#3 AR-1016-1

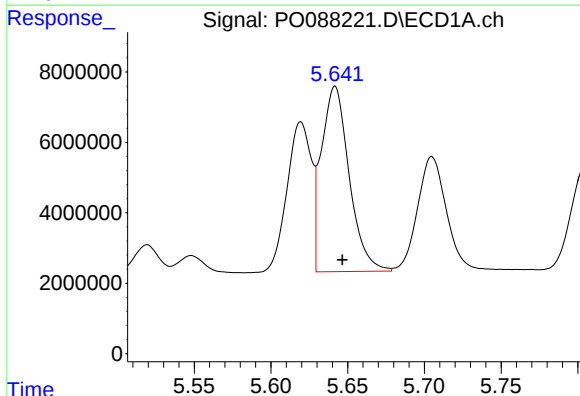
R.T.: 5.619 min
Delta R.T.: -0.004 min
Response: 47064223
Conc: 536.63 ng/ml

Instrument :
ECD_O
ClientSampleId :



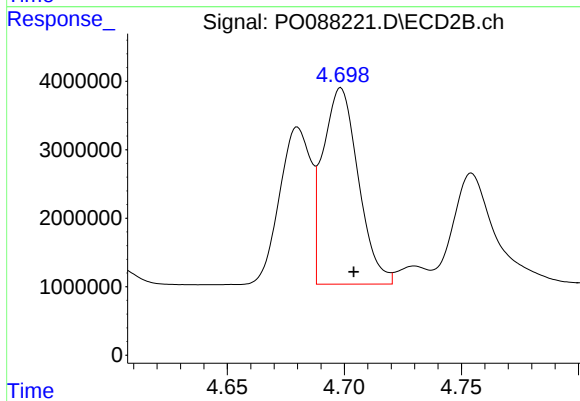
#3 AR-1016-1

R.T.: 4.680 min
Delta R.T.: -0.005 min
Response: 21401093
Conc: 594.80 ng/ml



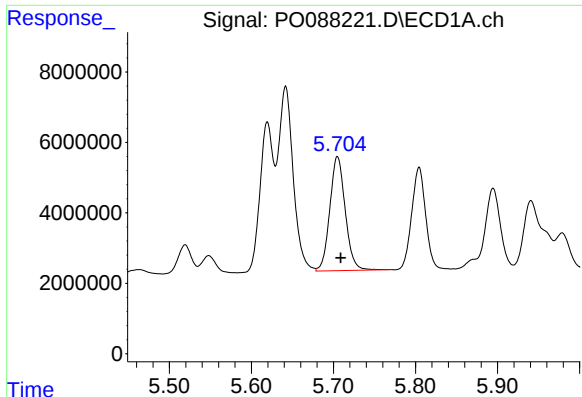
#4 AR-1016-2

R.T.: 5.642 min
Delta R.T.: -0.005 min
Response: 66298704
Conc: 528.43 ng/ml



#4 AR-1016-2

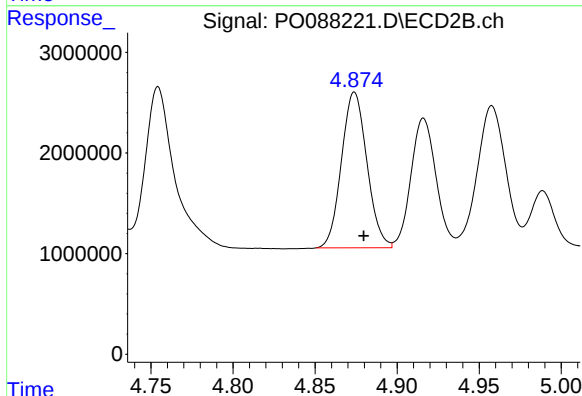
R.T.: 4.698 min
Delta R.T.: -0.005 min
Response: 30190941
Conc: 590.88 ng/ml



#5 AR-1016-3

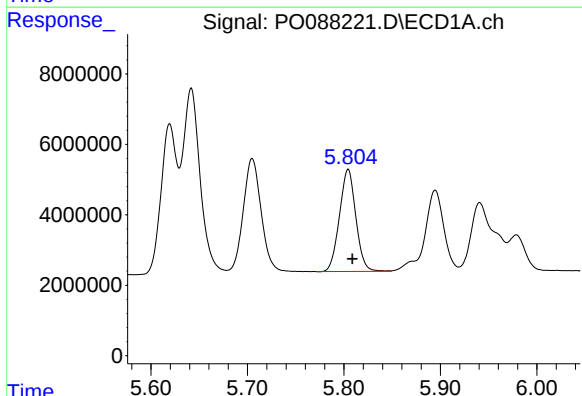
R.T.: 5.705 min
Delta R.T.: -0.004 min
Response: 42237361
Conc: 544.52 ng/ml

Instrument :
ECD_O
ClientSampleId :



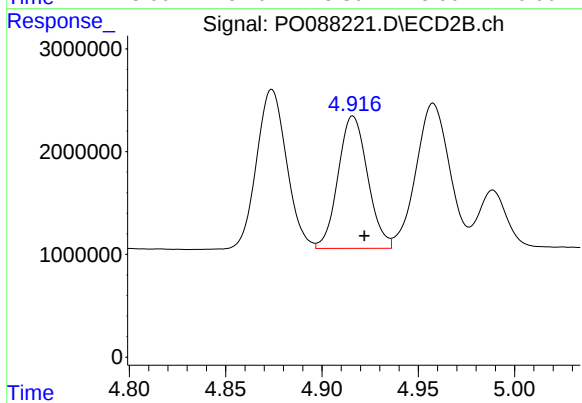
#5 AR-1016-3

R.T.: 4.874 min
Delta R.T.: -0.006 min
Response: 16721452
Conc: 602.33 ng/ml



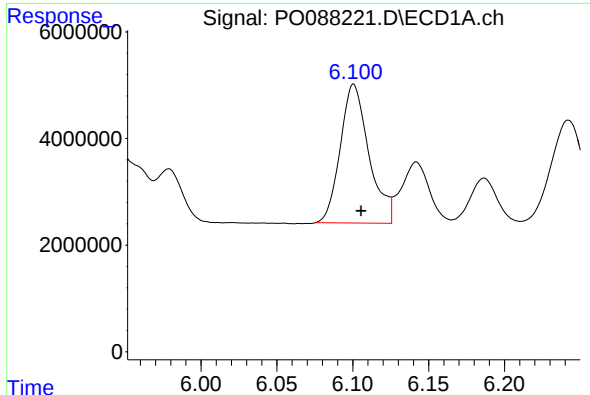
#6 AR-1016-4

R.T.: 5.804 min
Delta R.T.: -0.004 min
Response: 34171829
Conc: 554.08 ng/ml



#6 AR-1016-4

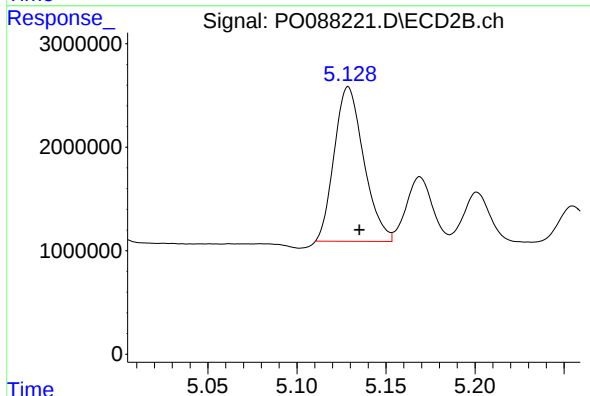
R.T.: 4.916 min
Delta R.T.: -0.006 min
Response: 13719040
Conc: 589.77 ng/ml



#7 AR-1016-5

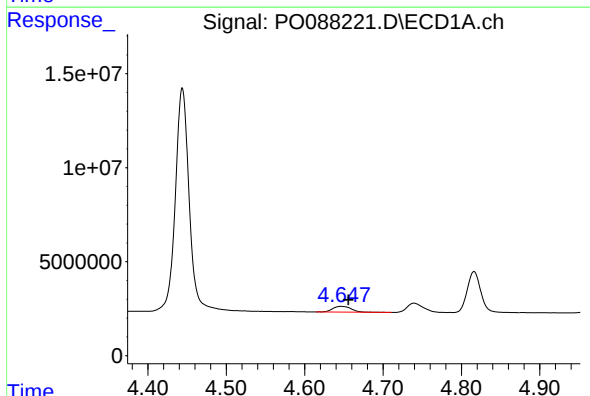
R.T.: 6.101 min
Delta R.T.: -0.005 min
Response: 34239554
Conc: 551.69 ng/ml

Instrument :
ECD_O
ClientSampleId :



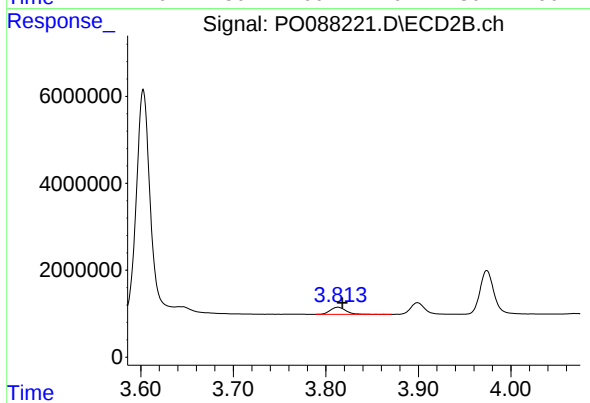
#7 AR-1016-5

R.T.: 5.129 min
Delta R.T.: -0.006 min
Response: 17218016
Conc: 581.79 ng/ml



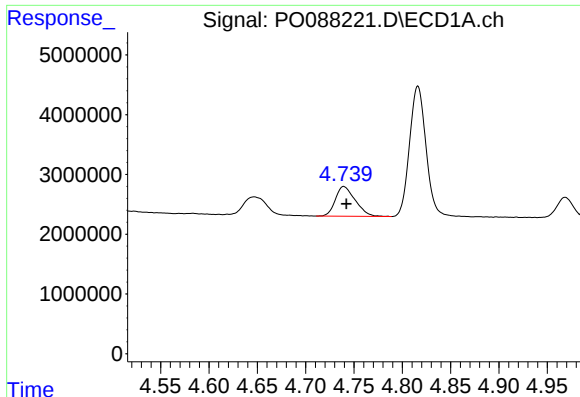
#8 AR-1221-1

R.T.: 4.647 min
Delta R.T.: -0.009 min
Response: 5103379
Conc: 168.66 ng/ml



#8 AR-1221-1

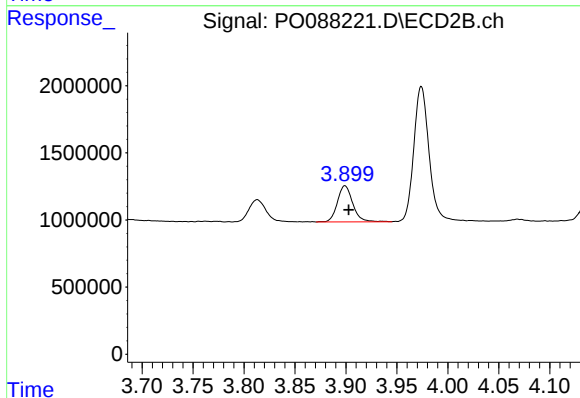
R.T.: 3.813 min
Delta R.T.: -0.005 min
Response: 1957072
Conc: 187.07 ng/ml



#9 AR-1221-2

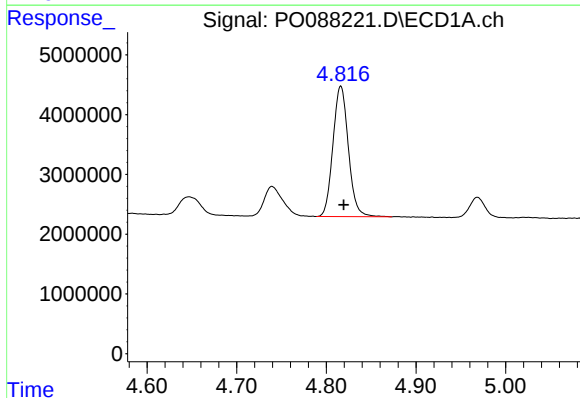
R.T.: 4.739 min
Delta R.T.: -0.003 min
Response: 7173348
Conc: 323.62 ng/ml

Instrument :
ECD_O
ClientSampleId :



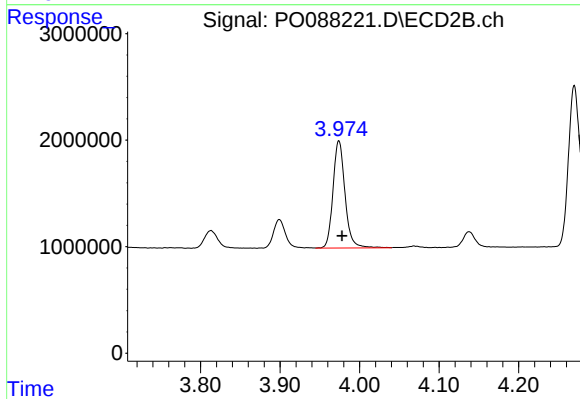
#9 AR-1221-2

R.T.: 3.899 min
Delta R.T.: -0.003 min
Response: 2819814
Conc: 355.55 ng/ml



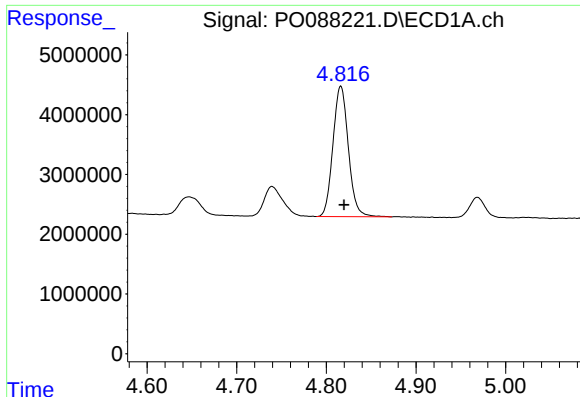
#10 AR-1221-3

R.T.: 4.816 min
Delta R.T.: -0.003 min
Response: 26030532
Conc: 377.73 ng/ml



#10 AR-1221-3

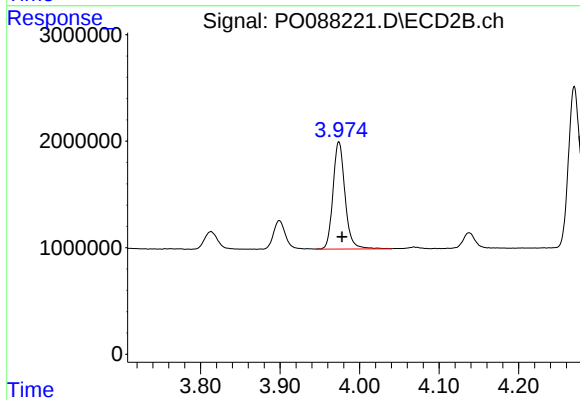
R.T.: 3.974 min
Delta R.T.: -0.004 min
Response: 10566959
Conc: 412.45 ng/ml



#11 AR-1232-1

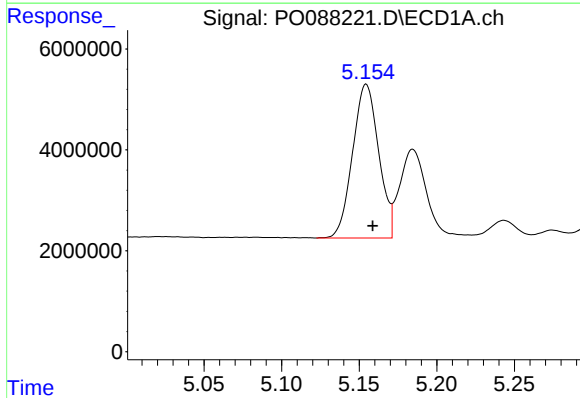
R.T.: 4.816 min
Delta R.T.: -0.004 min
Response: 26030532
Conc: 500.92 ng/ml

Instrument :
ECD_O
ClientSampleId :



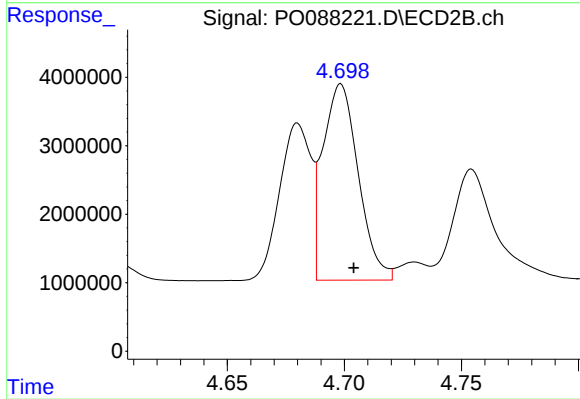
#11 AR-1232-1

R.T.: 3.974 min
Delta R.T.: -0.004 min
Response: 10566959
Conc: 546.22 ng/ml



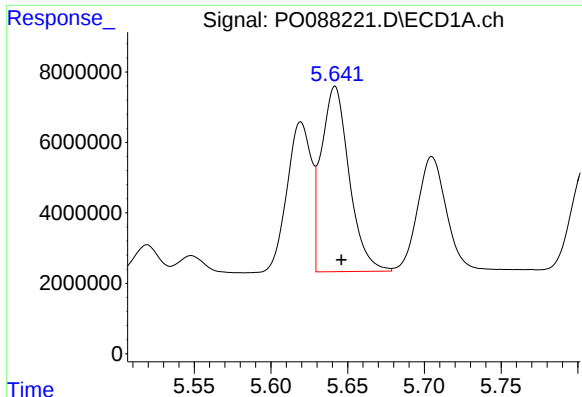
#12 AR-1232-2

R.T.: 5.155 min
Delta R.T.: -0.004 min
Response: 35633522
Conc: 1389.93 ng/ml



#12 AR-1232-2

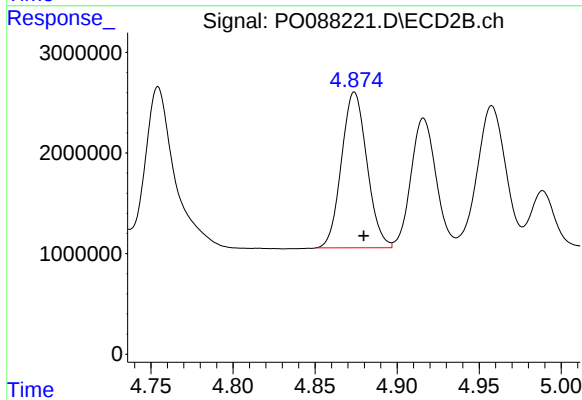
R.T.: 4.698 min
Delta R.T.: -0.006 min
Response: 30190941
Conc: 1530.87 ng/ml



#13 AR-1232-3

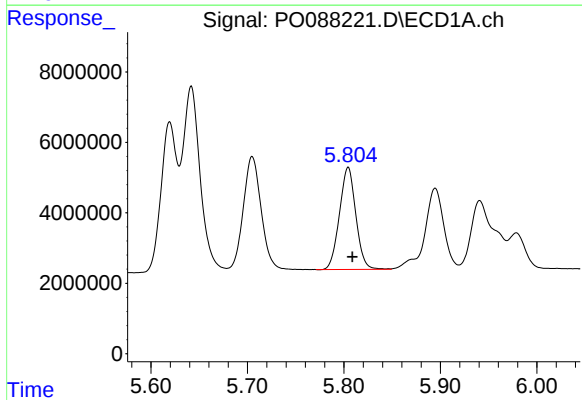
R.T.: 5.642 min
Delta R.T.: -0.004 min
Response: 66298704
Conc: 1378.69 ng/ml

Instrument :
ECD_O
ClientSampleId :



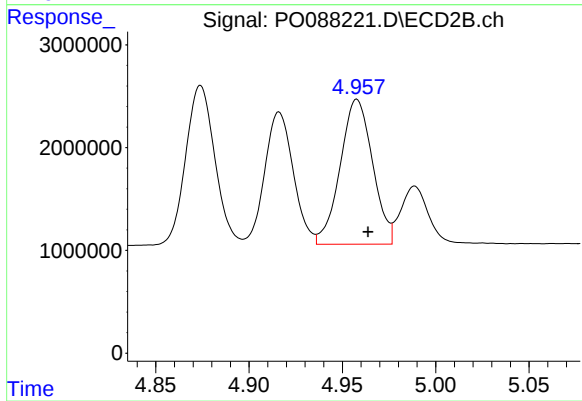
#13 AR-1232-3

R.T.: 4.874 min
Delta R.T.: -0.006 min
Response: 16721452
Conc: 1642.16 ng/ml



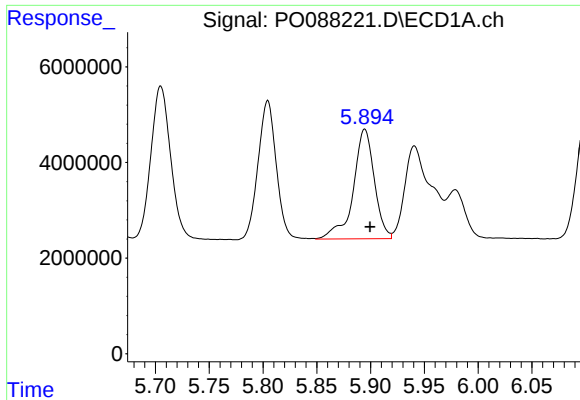
#14 AR-1232-4

R.T.: 5.804 min
Delta R.T.: -0.004 min
Response: 34171829
Conc: 1469.38 ng/ml



#14 AR-1232-4

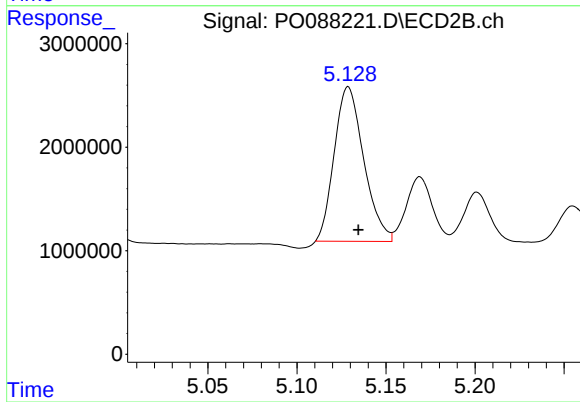
R.T.: 4.958 min
Delta R.T.: -0.006 min
Response: 17043099
Conc: 1754.48 ng/ml



#15 AR-1232-5

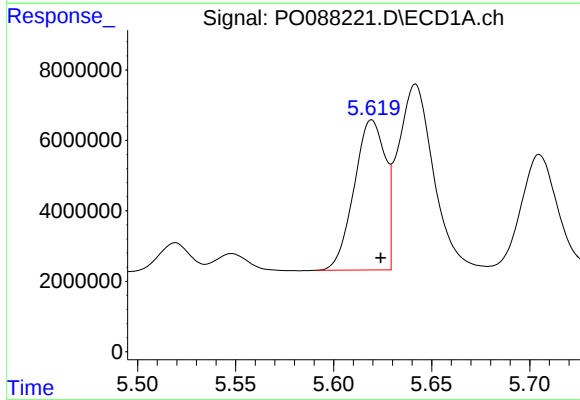
R.T.: 5.895 min
Delta R.T.: -0.005 min
Response: 31258415
Conc: 1608.84 ng/ml

Instrument :
ECD_O
ClientSampleId :



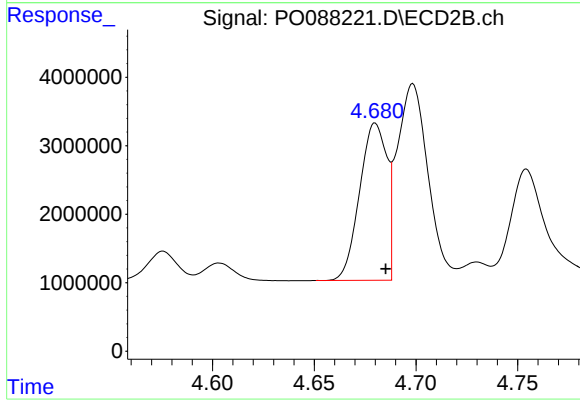
#15 AR-1232-5

R.T.: 5.129 min
Delta R.T.: -0.006 min
Response: 17218016
Conc: 1583.12 ng/ml



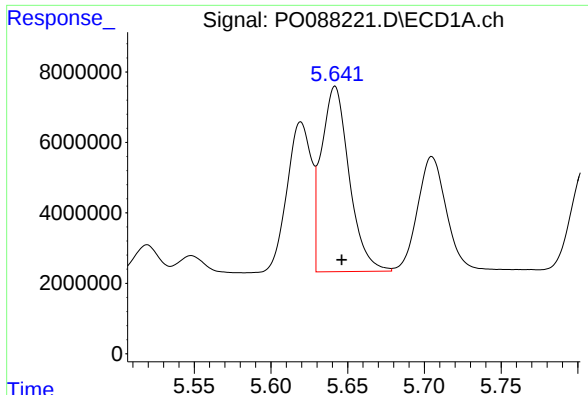
#16 AR-1242-1

R.T.: 5.619 min
Delta R.T.: -0.005 min
Response: 47064223
Conc: 689.39 ng/ml



#16 AR-1242-1

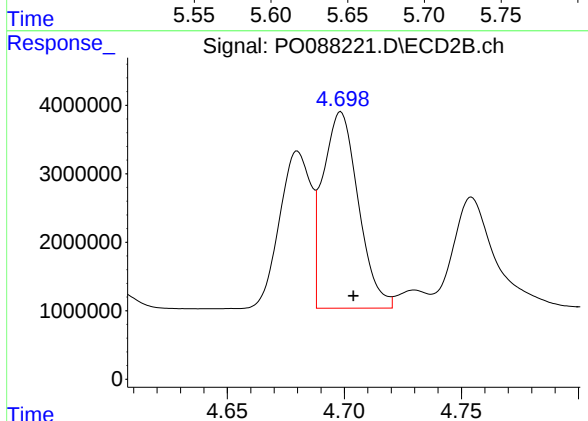
R.T.: 4.680 min
Delta R.T.: -0.005 min
Response: 21401093
Conc: 735.61 ng/ml



#17 AR-1242-2

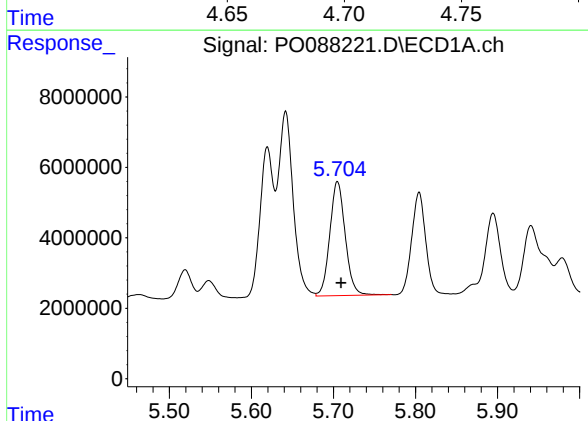
R.T.: 5.642 min
Delta R.T.: -0.005 min
Response: 66298704
Conc: 684.44 ng/ml

Instrument :
ECD_O
ClientSampleId :



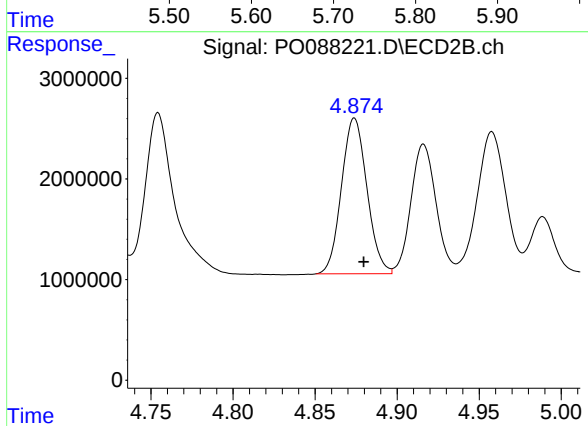
#17 AR-1242-2

R.T.: 4.698 min
Delta R.T.: -0.005 min
Response: 30190941
Conc: 745.42 ng/ml



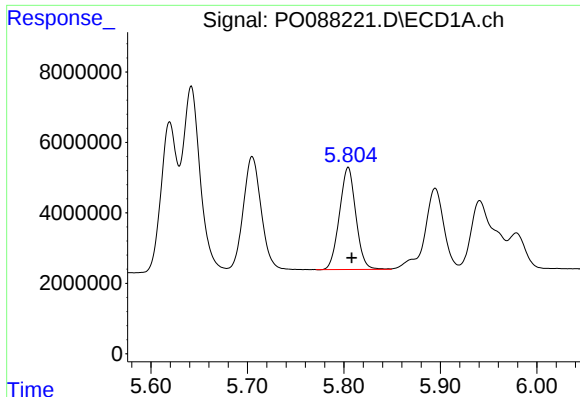
#18 AR-1242-3

R.T.: 5.705 min
Delta R.T.: -0.004 min
Response: 42237361
Conc: 696.15 ng/ml



#18 AR-1242-3

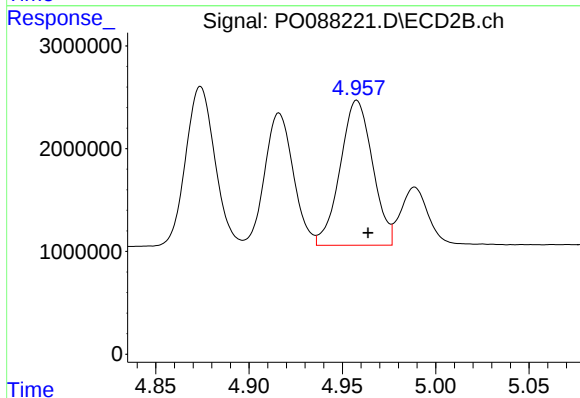
R.T.: 4.874 min
Delta R.T.: -0.006 min
Response: 16721452
Conc: 756.78 ng/ml



#19 AR-1242-4

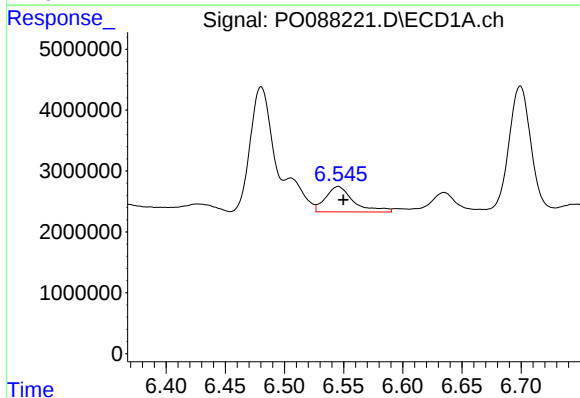
R.T.: 5.804 min
Delta R.T.: -0.004 min
Response: 34171829
Conc: 709.45 ng/ml

Instrument :
ECD_O
ClientSampleId :



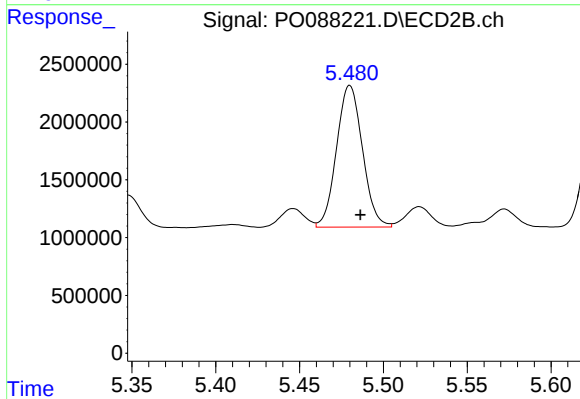
#19 AR-1242-4

R.T.: 4.958 min
Delta R.T.: -0.006 min
Response: 17043099
Conc: 728.92 ng/ml



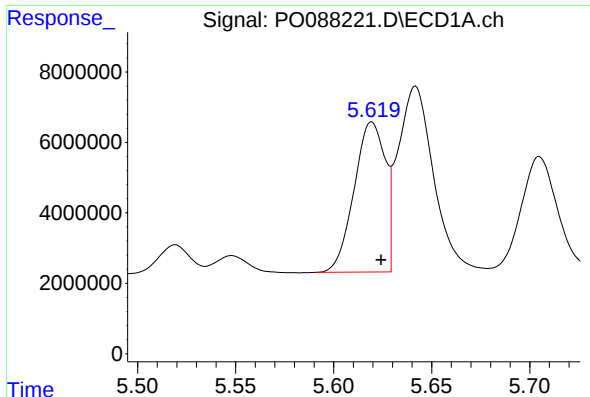
#20 AR-1242-5

R.T.: 6.545 min
Delta R.T.: -0.004 min
Response: 6891901
Conc: 130.87 ng/ml



#20 AR-1242-5

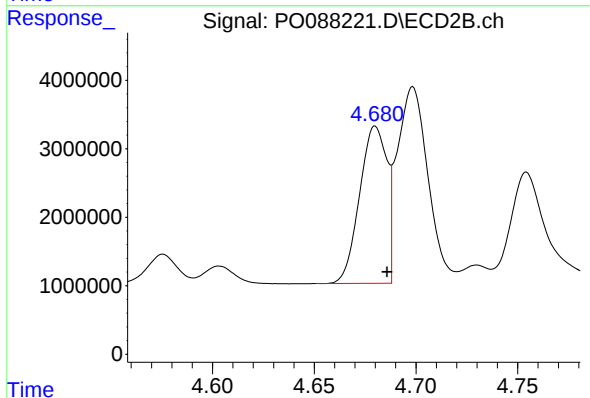
R.T.: 5.480 min
Delta R.T.: -0.006 min
Response: 13185345
Conc: 491.97 ng/ml



#21 AR-1248-1

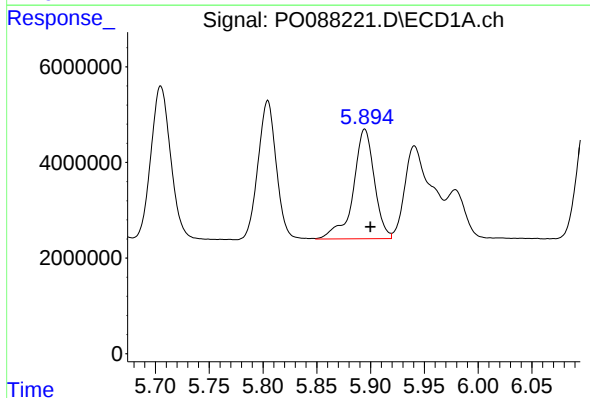
R.T.: 5.619 min
Delta R.T.: -0.005 min
Response: 47064223
Conc: 880.88 ng/ml

Instrument :
ECD_O
ClientSampleId :



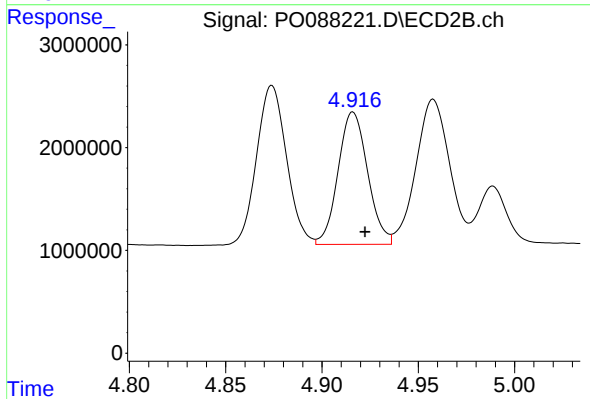
#21 AR-1248-1

R.T.: 4.680 min
Delta R.T.: -0.006 min
Response: 21401093
Conc: 934.29 ng/ml



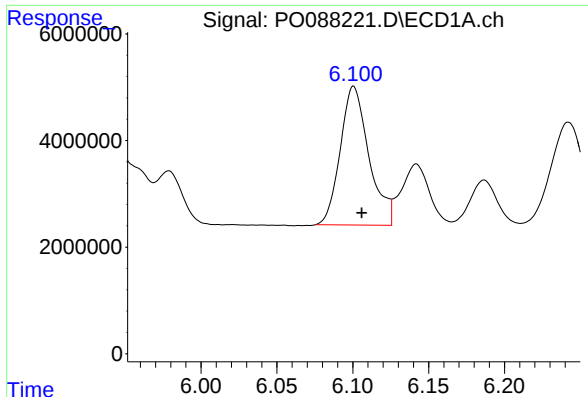
#22 AR-1248-2

R.T.: 5.895 min
Delta R.T.: -0.005 min
Response: 31258415
Conc: 402.30 ng/ml



#22 AR-1248-2

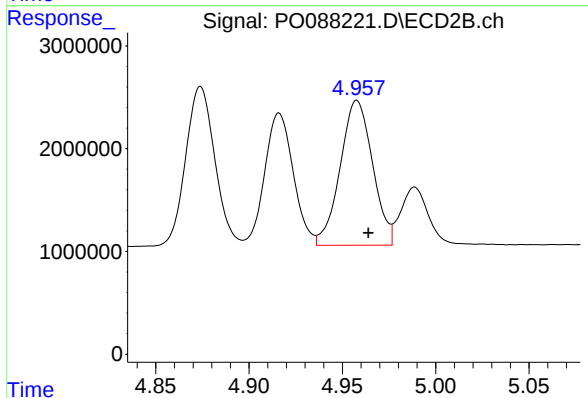
R.T.: 4.916 min
Delta R.T.: -0.006 min
Response: 13719040
Conc: 406.70 ng/ml



#23 AR-1248-3

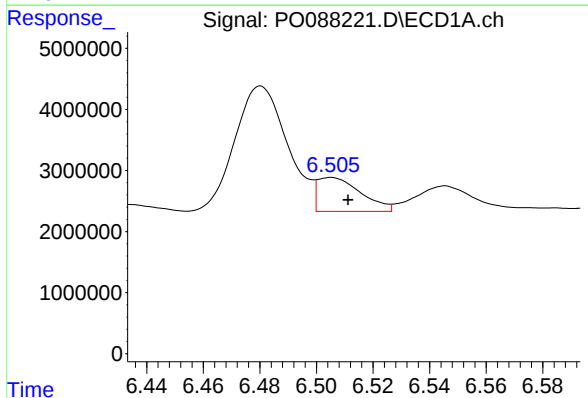
R.T.: 6.101 min
Delta R.T.: -0.005 min
Response: 34239554
Conc: 409.03 ng/ml

Instrument :
ECD_O
ClientSampleId :



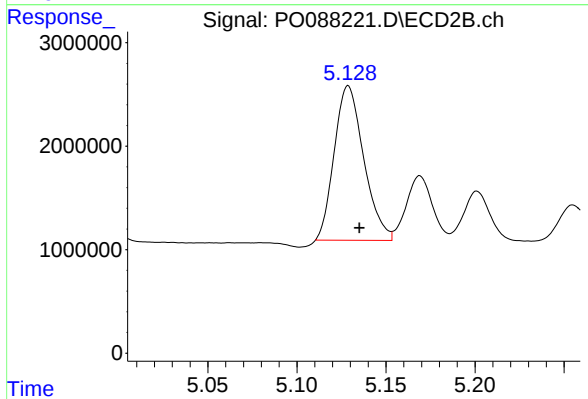
#23 AR-1248-3

R.T.: 4.958 min
Delta R.T.: -0.006 min
Response: 17043099
Conc: 490.40 ng/ml



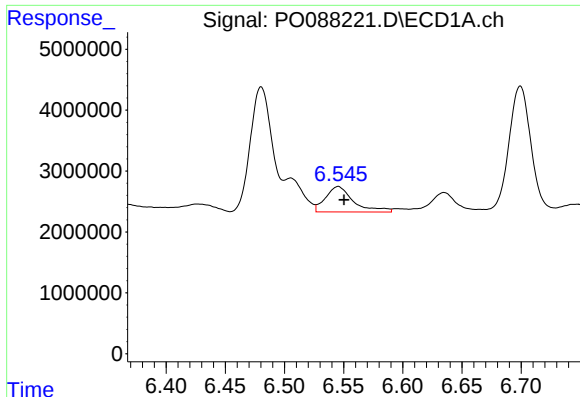
#24 AR-1248-4

R.T.: 6.505 min
Delta R.T.: -0.006 min
Response: 5886780
Conc: 64.05 ng/ml



#24 AR-1248-4

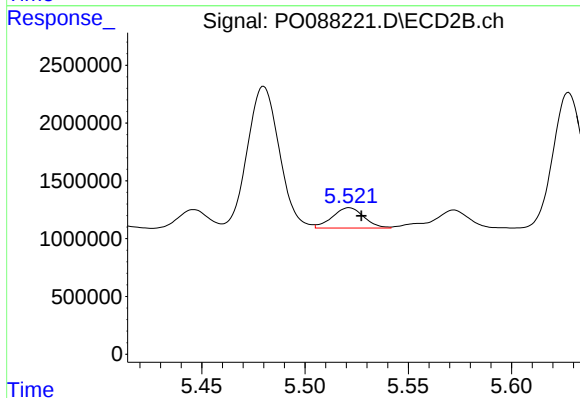
R.T.: 5.129 min
Delta R.T.: -0.006 min
Response: 17218016
Conc: 411.28 ng/ml



#25 AR-1248-5

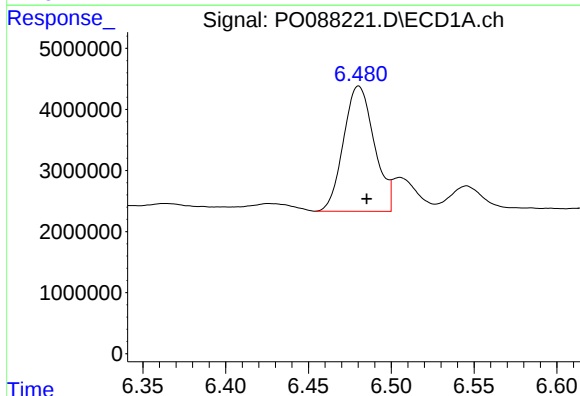
R.T.: 6.545 min
Delta R.T.: -0.005 min
Response: 6891901
Conc: 76.63 ng/ml

Instrument :
ECD_O
ClientSampleId :



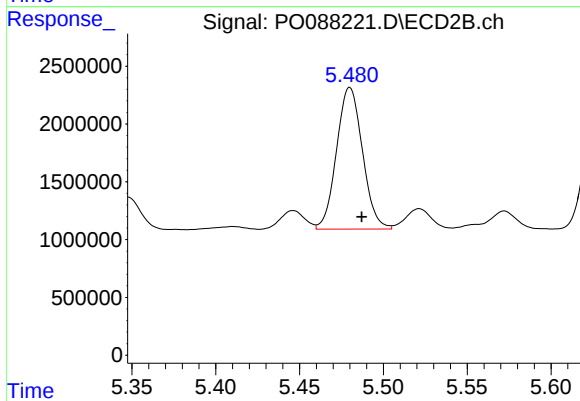
#25 AR-1248-5

R.T.: 5.521 min
Delta R.T.: -0.006 min
Response: 1883976
Conc: 52.29 ng/ml



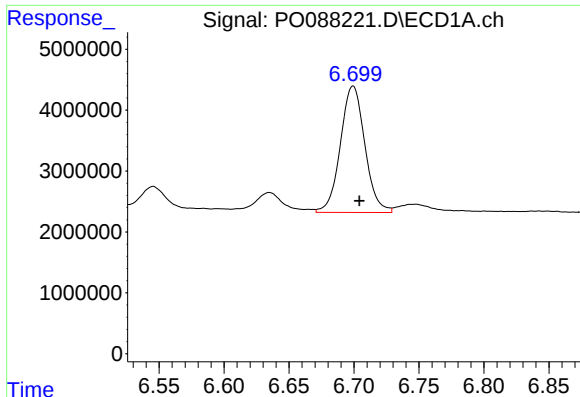
#26 AR-1254-1

R.T.: 6.480 min
Delta R.T.: -0.005 min
Response: 26502900
Conc: 279.53 ng/ml



#26 AR-1254-1

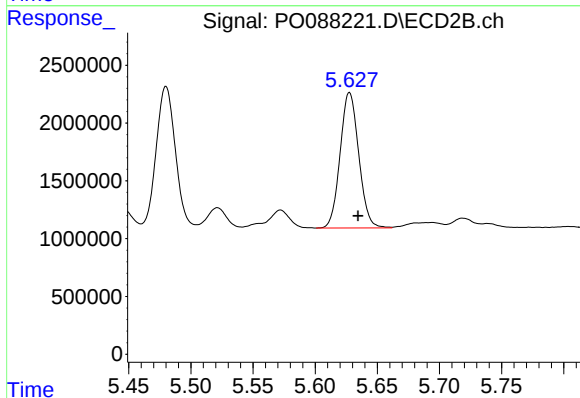
R.T.: 5.480 min
Delta R.T.: -0.007 min
Response: 13185345
Conc: 228.69 ng/ml



#27 AR-1254-2

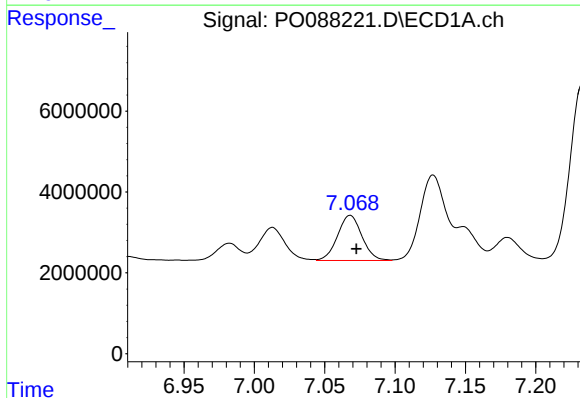
R.T.: 6.699 min
Delta R.T.: -0.005 min
Response: 27171345
Conc: 189.27 ng/ml

Instrument :
ECD_O
ClientSampleId :



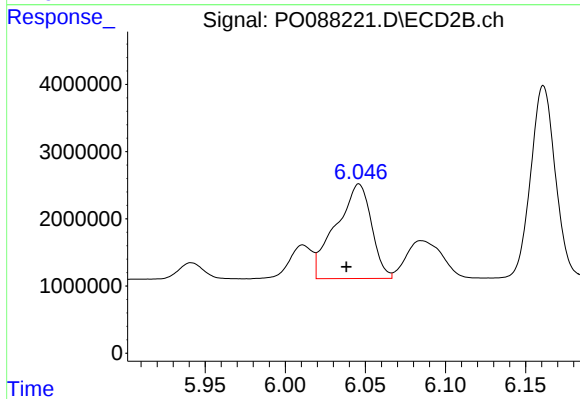
#27 AR-1254-2

R.T.: 5.628 min
Delta R.T.: -0.007 min
Response: 12219928
Conc: 238.32 ng/ml



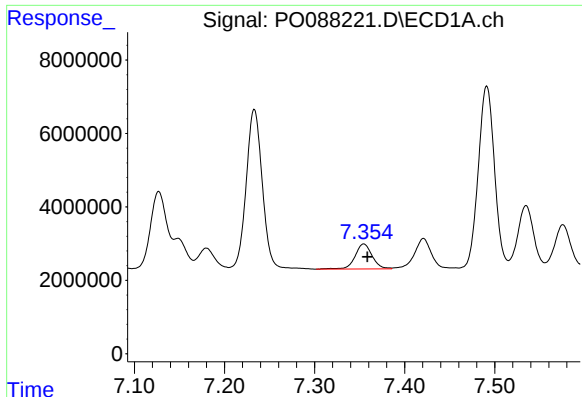
#28 AR-1254-3

R.T.: 7.068 min
Delta R.T.: -0.004 min
Response: 13452784
Conc: 91.84 ng/ml



#28 AR-1254-3

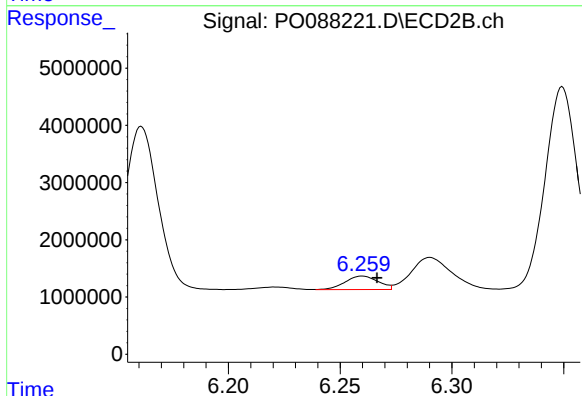
R.T.: 6.046 min
Delta R.T.: 0.008 min
Response: 21721752
Conc: 267.68 ng/ml



#29 AR-1254-4

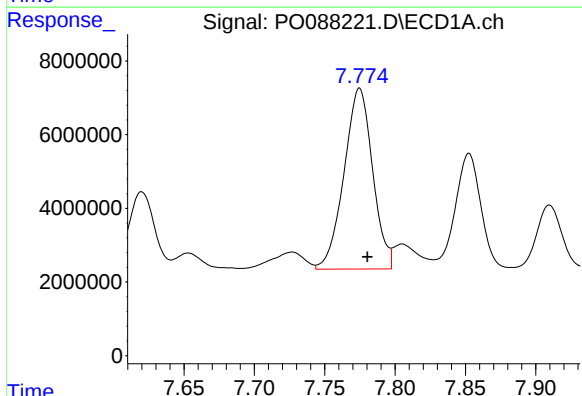
R.T.: 7.355 min
Delta R.T.: -0.004 min
Response: 9025012
Conc: 83.39 ng/ml

Instrument :
ECD_O
ClientSampleId :



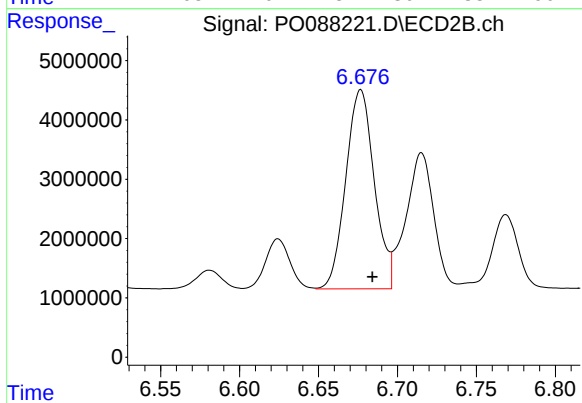
#29 AR-1254-4

R.T.: 6.260 min
Delta R.T.: -0.007 min
Response: 2426364
Conc: 48.65 ng/ml



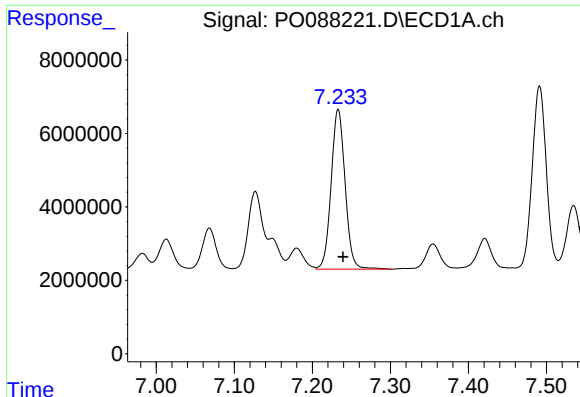
#30 AR-1254-5

R.T.: 7.775 min
Delta R.T.: -0.006 min
Response: 69476960
Conc: 577.27 ng/ml



#30 AR-1254-5

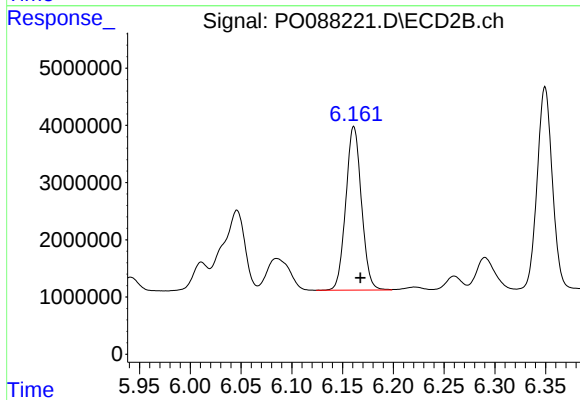
R.T.: 6.677 min
Delta R.T.: -0.007 min
Response: 42246939
Conc: 559.37 ng/ml



#31 AR-1260-1

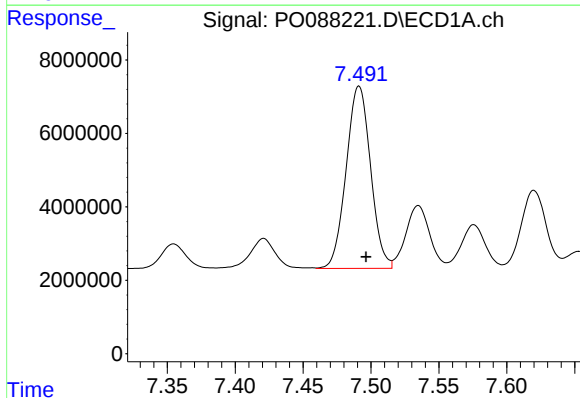
R.T.: 7.233 min
Delta R.T.: -0.006 min
Response: 54198619
Conc: 465.80 ng/ml

Instrument :
ECD_O
ClientSampleId :



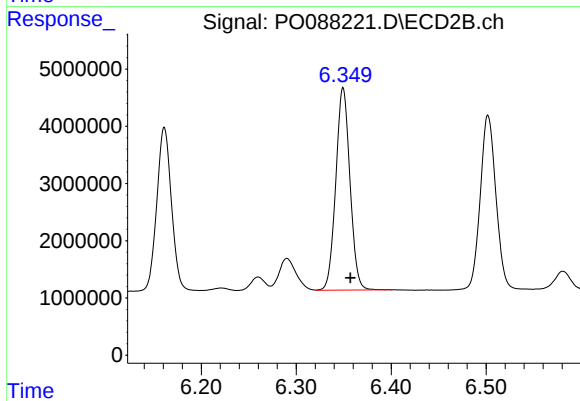
#31 AR-1260-1

R.T.: 6.161 min
Delta R.T.: -0.007 min
Response: 30649809
Conc: 565.51 ng/ml



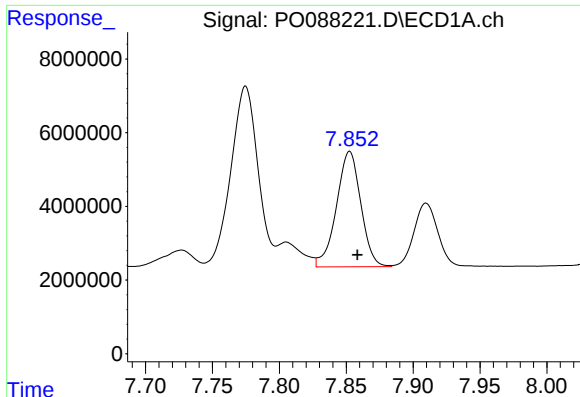
#32 AR-1260-2

R.T.: 7.491 min
Delta R.T.: -0.005 min
Response: 62159152
Conc: 460.05 ng/ml



#32 AR-1260-2

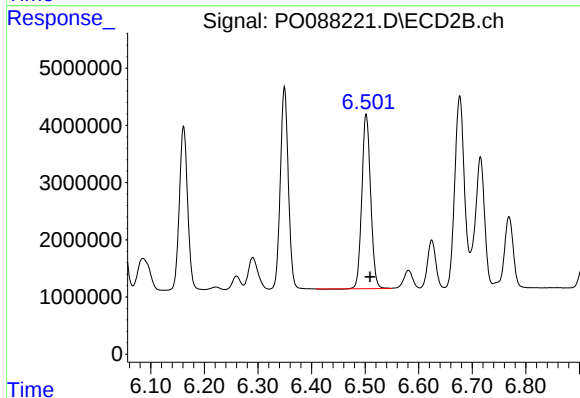
R.T.: 6.349 min
Delta R.T.: -0.008 min
Response: 36684658
Conc: 564.97 ng/ml



#33 AR-1260-3

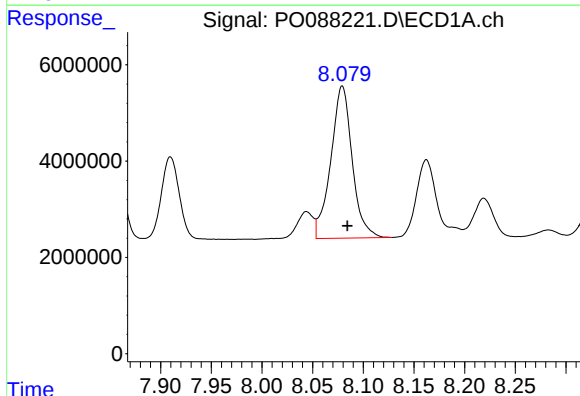
R.T.: 7.853 min
Delta R.T.: -0.006 min
Response: 39716357
Conc: 433.82 ng/ml

Instrument :
ECD_O
ClientSampleId :



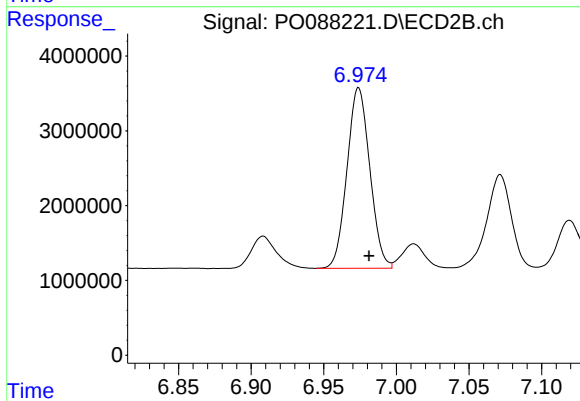
#33 AR-1260-3

R.T.: 6.502 min
Delta R.T.: -0.007 min
Response: 34858829
Conc: 560.41 ng/ml



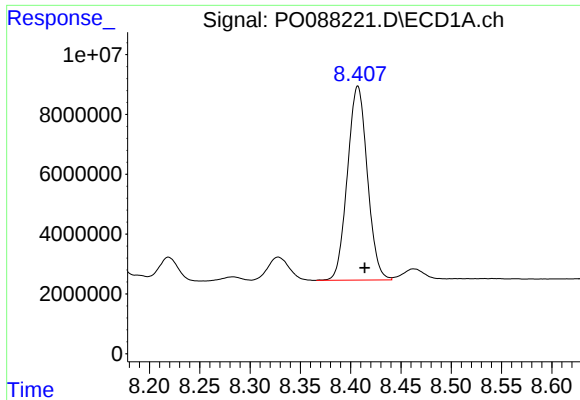
#34 AR-1260-4

R.T.: 8.079 min
Delta R.T.: -0.005 min
Response: 46445375
Conc: 429.96 ng/ml



#34 AR-1260-4

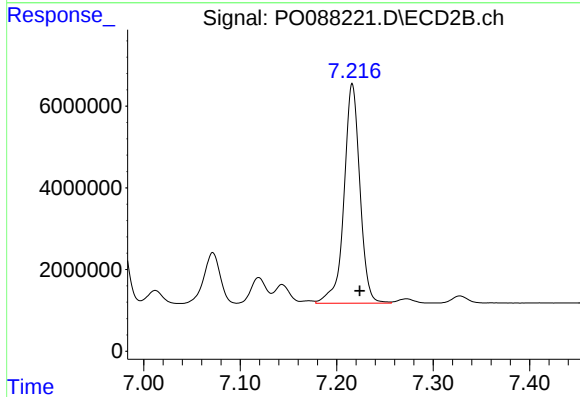
R.T.: 6.974 min
Delta R.T.: -0.007 min
Response: 26414222
Conc: 558.44 ng/ml



#35 AR-1260-5

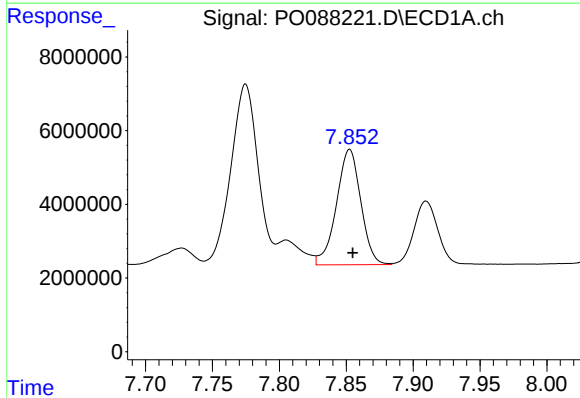
R.T.: 8.407 min
Delta R.T.: -0.007 min
Response: 89466088
Conc: 435.99 ng/ml

Instrument :
ECD_O
ClientSampleId :



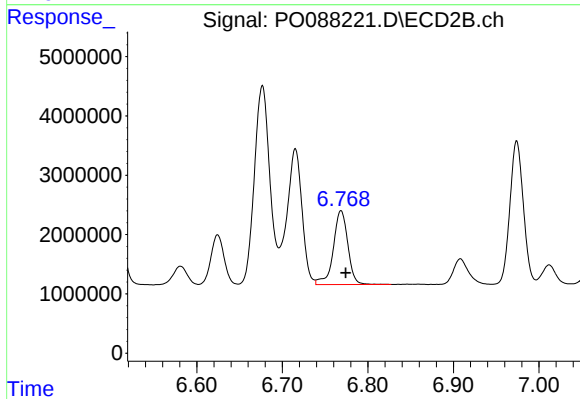
#35 AR-1260-5

R.T.: 7.216 min
Delta R.T.: -0.008 min
Response: 61746013
Conc: 539.66 ng/ml



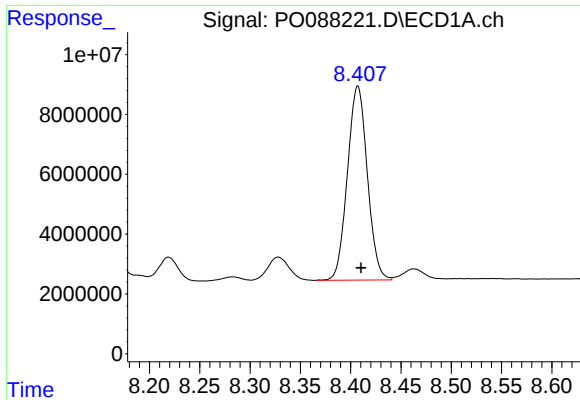
#36 AR-1262-1

R.T.: 7.853 min
Delta R.T.: -0.002 min
Response: 39716357
Conc: 289.13 ng/ml



#36 AR-1262-1

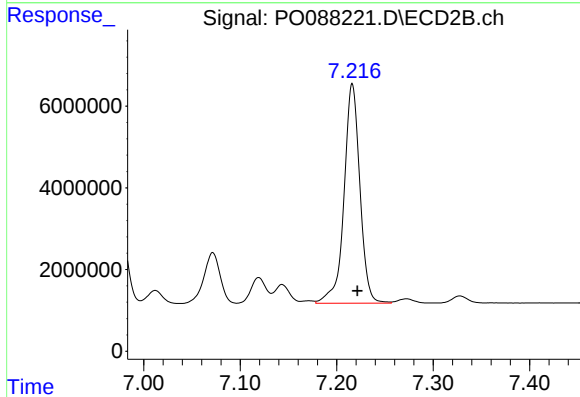
R.T.: 6.769 min
Delta R.T.: -0.006 min
Response: 14744381
Conc: 486.46 ng/ml



#37 AR-1262-2

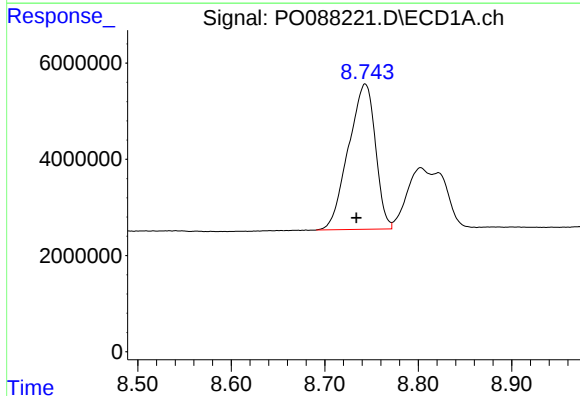
R.T.: 8.407 min
Delta R.T.: -0.003 min
Response: 89466088
Conc: 380.16 ng/ml

Instrument :
ECD_O
ClientSampleId :



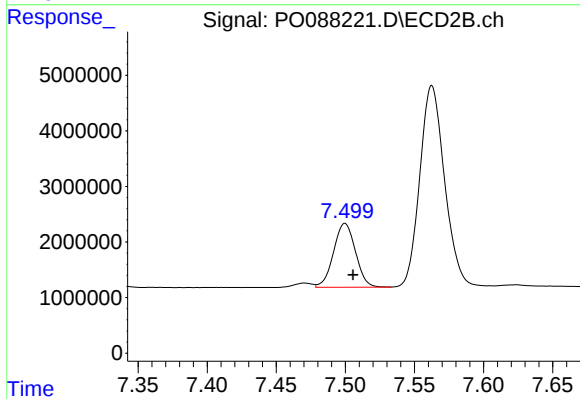
#37 AR-1262-2

R.T.: 7.216 min
Delta R.T.: -0.005 min
Response: 61746013
Conc: 459.54 ng/ml



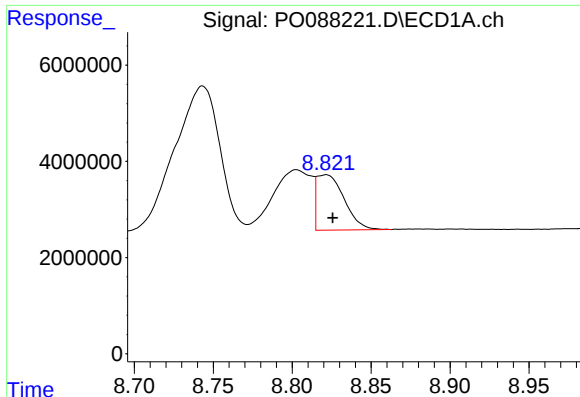
#38 AR-1262-3

R.T.: 8.743 min
Delta R.T.: 0.009 min
Response: 60556996
Conc: 365.37 ng/ml



#38 AR-1262-3

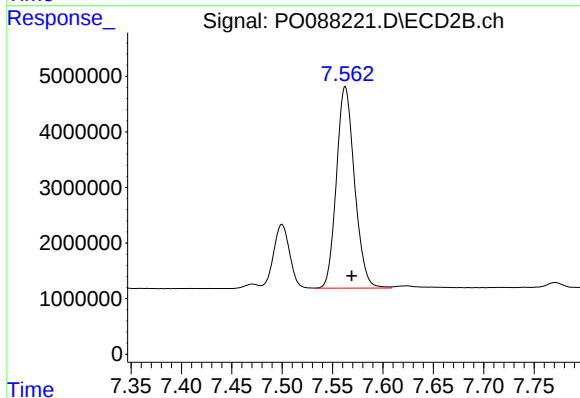
R.T.: 7.500 min
Delta R.T.: -0.006 min
Response: 12733463
Conc: 233.49 ng/ml



#39 AR-1262-4

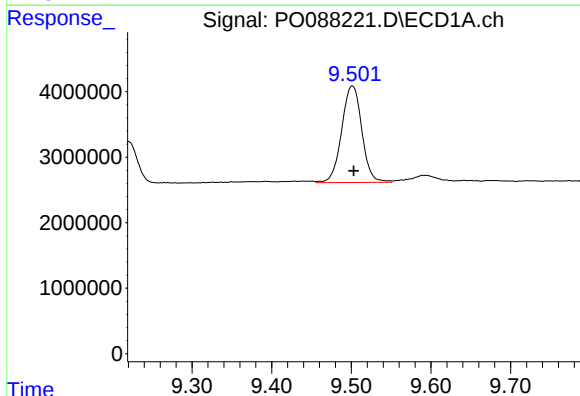
R.T.: 8.821 min
Delta R.T.: -0.004 min
Response: 13931355
Conc: 166.88 ng/ml

Instrument :
ECD_O
ClientSampleId :



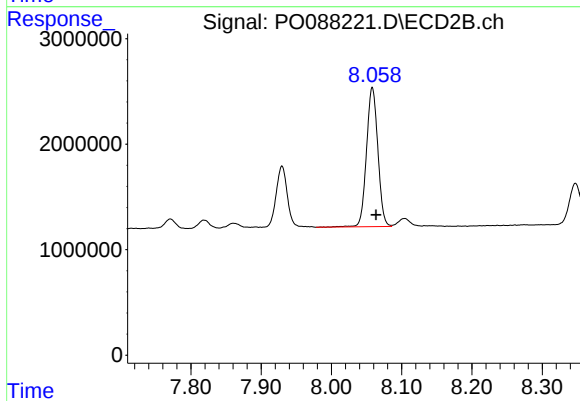
#39 AR-1262-4

R.T.: 7.563 min
Delta R.T.: -0.006 min
Response: 45383784
Conc: 448.62 ng/ml



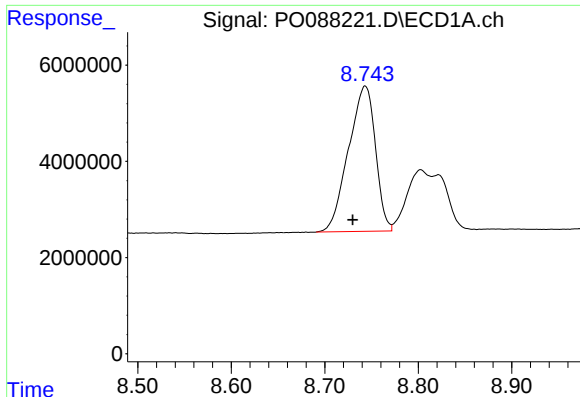
#40 AR-1262-5

R.T.: 9.501 min
Delta R.T.: -0.002 min
Response: 25959248
Conc: 291.28 ng/ml



#40 AR-1262-5

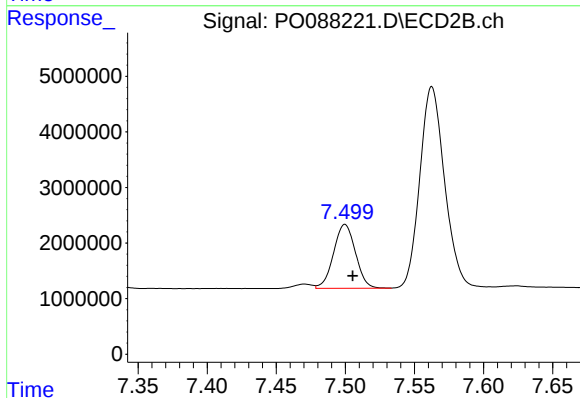
R.T.: 8.058 min
Delta R.T.: -0.005 min
Response: 14871267
Conc: 302.79 ng/ml



#41 AR-1268-1

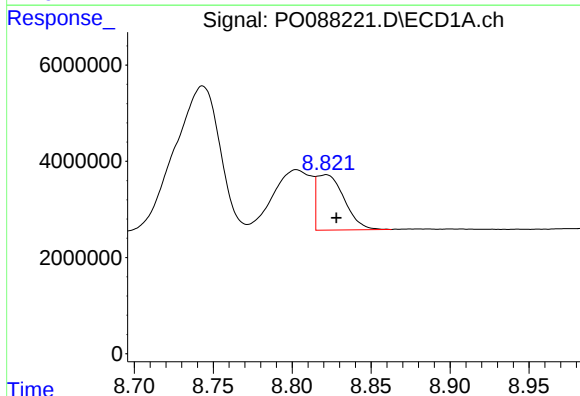
R.T.: 8.743 min
Delta R.T.: 0.013 min
Response: 60556996
Conc: 214.12 ng/ml

Instrument :
ECD_O
ClientSampleId :



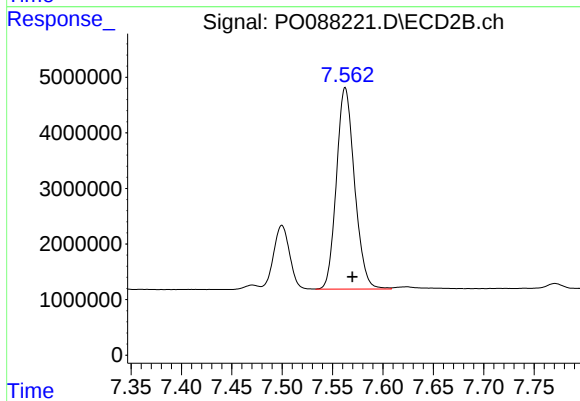
#41 AR-1268-1

R.T.: 7.500 min
Delta R.T.: -0.005 min
Response: 12733463
Conc: 80.37 ng/ml



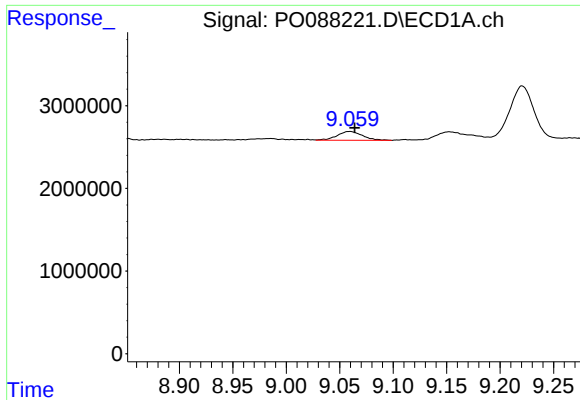
#42 AR-1268-2

R.T.: 8.821 min
Delta R.T.: -0.007 min
Response: 13931355
Conc: 53.58 ng/ml



#42 AR-1268-2

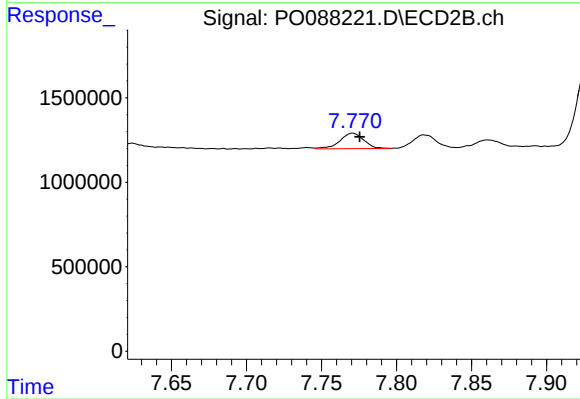
R.T.: 7.563 min
Delta R.T.: -0.007 min
Response: 45383784
Conc: 315.51 ng/ml



#43 AR-1268-3

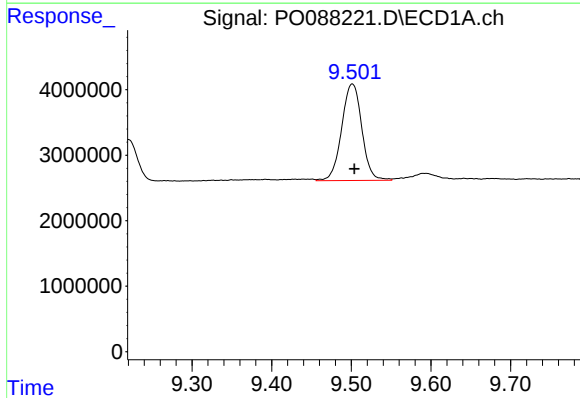
R.T.: 9.059 min
Delta R.T.: -0.005 min
Response: 1730935
Conc: 7.73 ng/ml

Instrument :
ECD_O
ClientSampleId :



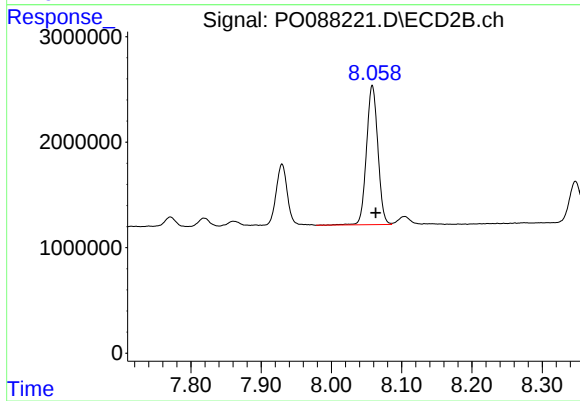
#43 AR-1268-3

R.T.: 7.771 min
Delta R.T.: -0.005 min
Response: 1006549
Conc: 8.08 ng/ml



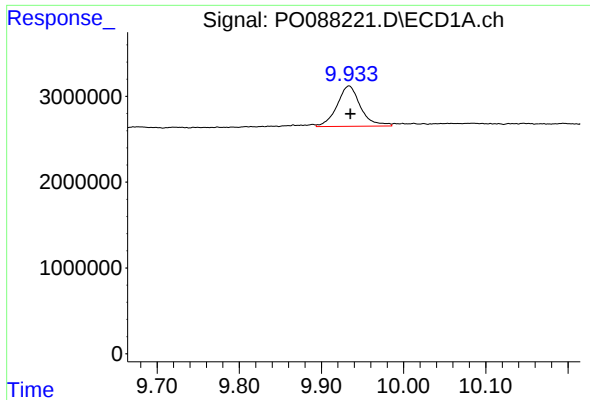
#44 AR-1268-4

R.T.: 9.501 min
Delta R.T.: -0.003 min
Response: 25959248
Conc: 264.77 ng/ml



#44 AR-1268-4

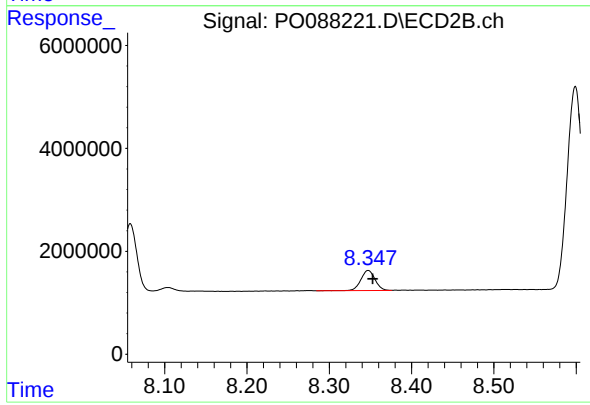
R.T.: 8.058 min
Delta R.T.: -0.005 min
Response: 14871267
Conc: 277.20 ng/ml



#45 AR-1268-5

R.T.: 9.934 min
Delta R.T.: -0.002 min
Response: 9405978
Conc: 12.95 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.347 min
Delta R.T.: -0.005 min
Response: 4714628
Conc: 12.19 ng/ml