

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0011323\
 Data File : P0092024.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Jan 2023 12:59
 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: Jan 14 00:44:57 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0011023.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jan 11 04:41:00 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...	4.447	3.650	130.2E6	61763690	46.695	44.487
2)	SA Decachlor...	10.361	8.706	98021466	48135531	50.070	54.286
Target Compounds							
3)	L1 AR-1016-1	5.633	4.740	40559781	19605169	477.208	449.054
4)	L1 AR-1016-2	5.655	4.759	58950161	28221566	468.681	448.274
5)	L1 AR-1016-3	5.718	4.935	37375658	15695937	469.884	468.138
6)	L1 AR-1016-4	5.818	4.978	28995517	12951511	471.888	436.000
7)	L1 AR-1016-5	6.118	5.192	30323364	18167678	466.141	492.961
8)	L2 AR-1221-1	4.653	3.864	5150604	2415525	145.753	136.482
9)	L2 AR-1221-2	4.746	3.950	6710912	3590748	264.216	274.914
10)	L2 AR-1221-3	4.822	4.027	25123558	12321740	323.738	317.757
11)	L3 AR-1232-1	4.822	4.027	25123558	12321740	374.916	360.980
12)	L3 AR-1232-2	5.360	4.759	34779512	28221566	1071.659	975.146
13)	L3 AR-1232-3	5.655	4.935	58950161	15695937	1028.481	1039.911
14)	L3 AR-1232-4	5.818	5.021	28995517	16289152	1072.867	1081.147
15)	L3 AR-1232-5	5.912	5.192	27646027	18167678	1152.351	1110.954
16)	L4 AR-1242-1	5.633	4.740	40559781	19605169	568.389	525.176
17)	L4 AR-1242-2	5.655	4.759	58950161	28221566	557.908	530.998
18)	L4 AR-1242-3	5.718	4.935	37375658	15695937	554.540	548.564
19)	L4 AR-1242-4	5.818	5.021	28995517	16289152	559.370	529.919
20)	L4 AR-1242-5	6.569	5.547	7485673	18453198	147.849	559.551 #
21)	L5 AR-1248-1	5.633	4.740	40559781	19605169	741.083	687.458
22)	L5 AR-1248-2	5.912	4.978	27646027	12951511	319.614	291.999
23)	L5 AR-1248-3	6.118	5.021	30323364	16289152	329.596	357.545
24)	L5 AR-1248-4	6.529	5.192	9042960	18167678	101.665	348.427 #
25)	L5 AR-1248-5	6.569	5.586	7485673	7101824	86.530	160.573 #
26)	L6 AR-1254-1	6.503	5.547	25293332	18453198	244.471	249.944
27)	L6 AR-1254-2	6.726	5.695	22501305	16560681	148.445	253.435 #
28)	L6 AR-1254-3	7.099	6.118	11593152	23034926	77.528	237.322 #
29)	L6 AR-1254-4	7.390	6.331	9142760	2047038	96.197	42.237 #
30)	L6 AR-1254-5	7.817	6.752	76309368	36865967	615.136	478.754
31)	L7 AR-1260-1	7.267	6.233	58956719	32762131	491.040	503.831
32)	L7 AR-1260-2	7.531	6.423	63422306	36398646	493.711	496.915
33)	L7 AR-1260-3	7.898	6.577	47951419	33991499	459.852	475.265
34)	L7 AR-1260-4	8.129	7.053	51388683	27309300	445.091	506.861
35)	L7 AR-1260-5	8.462	7.296	94917204	58791221	475.170	523.945
36)	L8 AR-1262-1	7.898	6.792	47951419	29598155	372.003	386.352
37)	L8 AR-1262-2	8.462	7.296	94917204	58791221	489.090	507.803
38)	L8 AR-1262-3	8.795	7.583	62499308	13016873	443.099	291.102 #
39)	L8 AR-1262-4	8.876	7.646	21174518	41597271	251.236	500.946 #
40)	L8 AR-1262-5	9.568	8.146	27951720	14721369	389.508	404.026
41)	L9 AR-1268-1	8.795	7.583	62499308	13016873	217.807	85.404 #

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Acq On : 13 Jan 2023 12:59
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

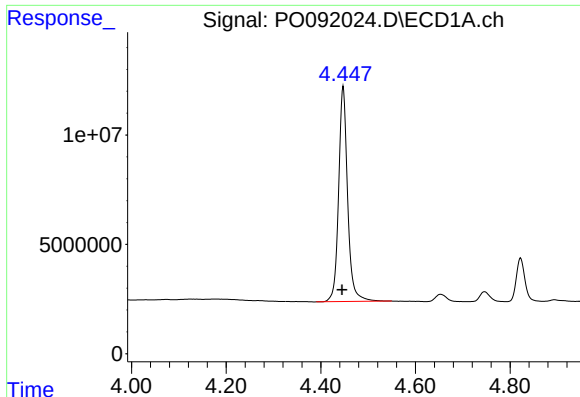
Instrument :
ECD_O
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 14 00:44:57 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0011023.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 11 04:41:00 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
42) L9	AR-1268-2	8.876	7.646	21174518	41597271	72.843	303.950 #
43) L9	AR-1268-3	9.119	7.858	1368282	680860	5.771	5.361
44) L9	AR-1268-4	9.568	8.146	27951720	14721369	310.401	310.822
45) L9	AR-1268-5	10.002	8.443	7979327	4461736	10.850	11.968

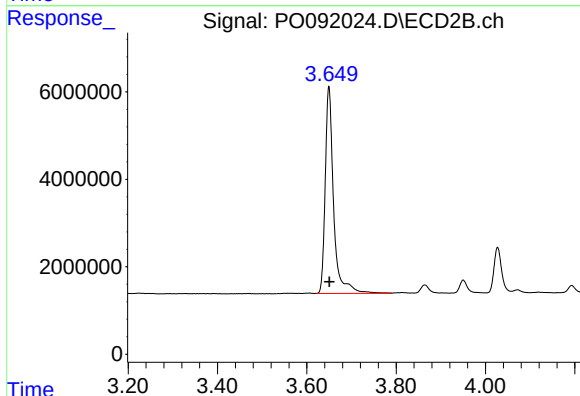
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

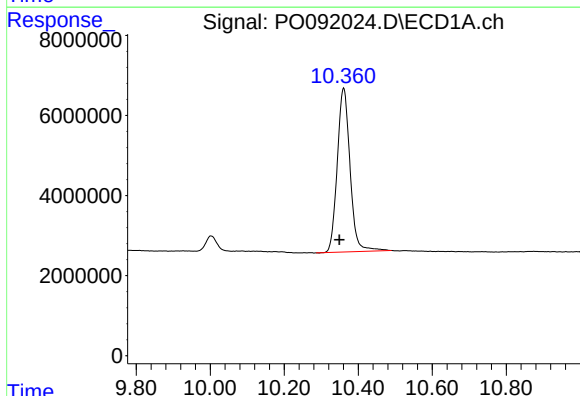
R.T.: 4.447 min
Delta R.T.: 0.002 min
Response: 130241192
Conc: 46.69 ng/ml

Instrument :
ECD_O
ClientSampleId :



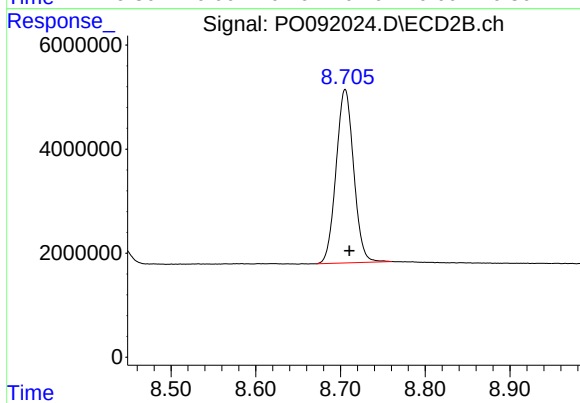
#1 Tetrachloro-m-xylene

R.T.: 3.650 min
Delta R.T.: -0.001 min
Response: 61763690
Conc: 44.49 ng/ml



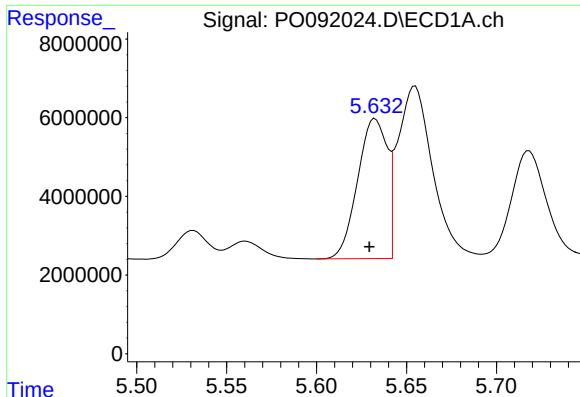
#2 Decachlorobiphenyl

R.T.: 10.361 min
Delta R.T.: 0.011 min
Response: 98021466
Conc: 50.07 ng/ml



#2 Decachlorobiphenyl

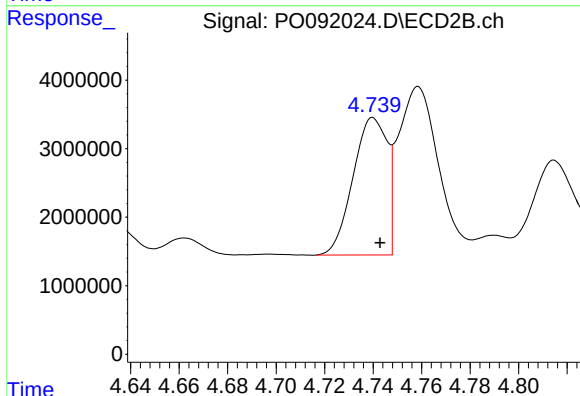
R.T.: 8.706 min
Delta R.T.: -0.005 min
Response: 48135531
Conc: 54.29 ng/ml



#3 AR-1016-1

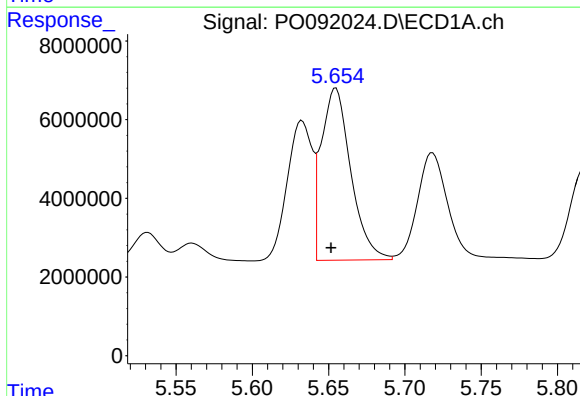
R.T.: 5.633 min
Delta R.T.: 0.003 min
Response: 40559781
Conc: 477.21 ng/ml

Instrument :
ECD_O
ClientSampleId :



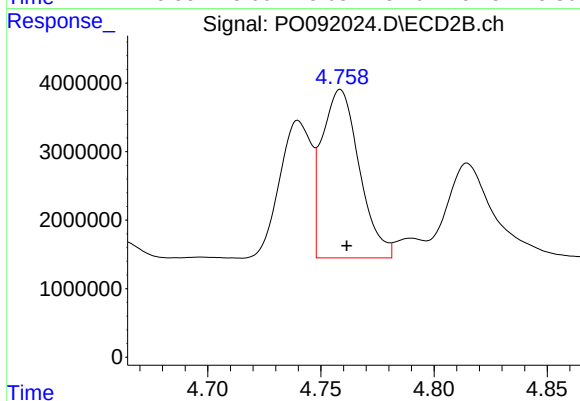
#3 AR-1016-1

R.T.: 4.740 min
Delta R.T.: -0.003 min
Response: 19605169
Conc: 449.05 ng/ml



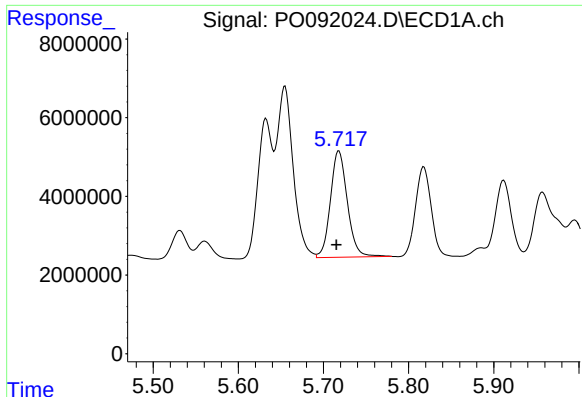
#4 AR-1016-2

R.T.: 5.655 min
Delta R.T.: 0.003 min
Response: 58950161
Conc: 468.68 ng/ml



#4 AR-1016-2

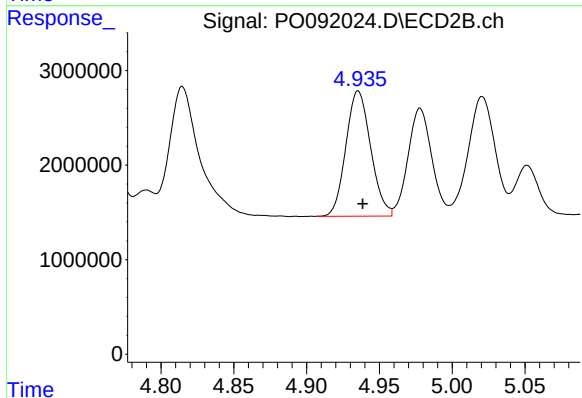
R.T.: 4.759 min
Delta R.T.: -0.003 min
Response: 28221566
Conc: 448.27 ng/ml



#5 AR-1016-3

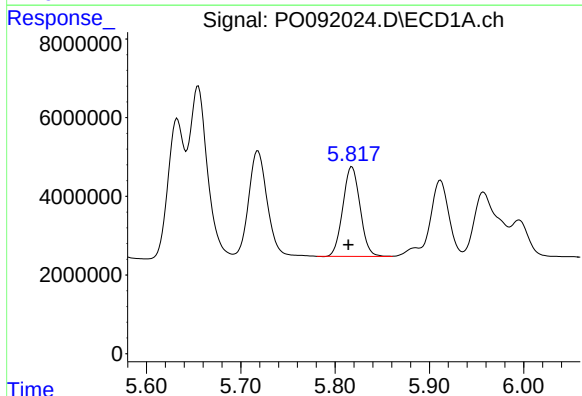
R.T.: 5.718 min
Delta R.T.: 0.003 min
Response: 37375658
Conc: 469.88 ng/ml

Instrument :
ECD_O
ClientSampleId :



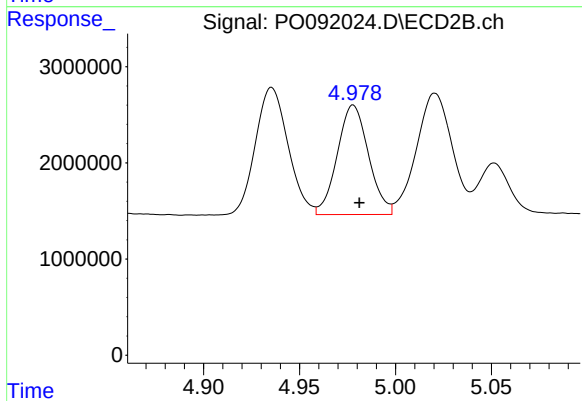
#5 AR-1016-3

R.T.: 4.935 min
Delta R.T.: -0.003 min
Response: 15695937
Conc: 468.14 ng/ml



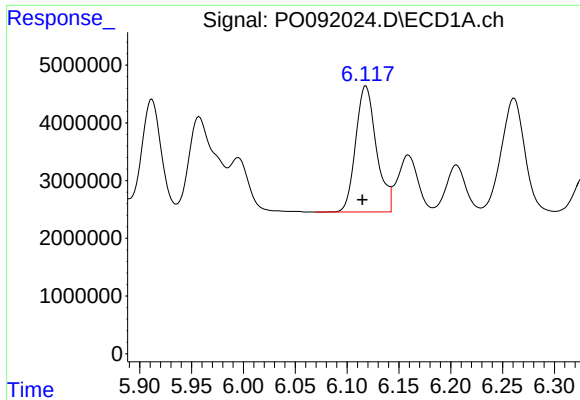
#6 AR-1016-4

R.T.: 5.818 min
Delta R.T.: 0.004 min
Response: 28995517
Conc: 471.89 ng/ml



#6 AR-1016-4

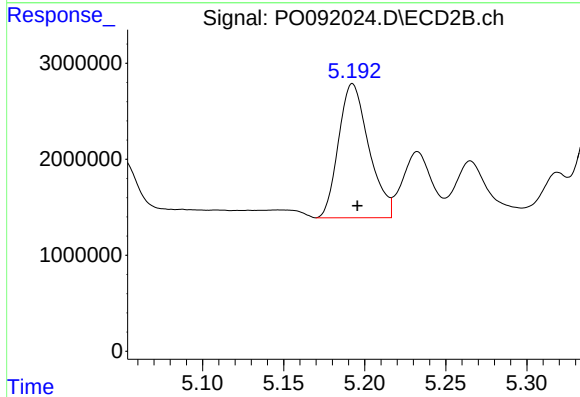
R.T.: 4.978 min
Delta R.T.: -0.003 min
Response: 12951511
Conc: 436.00 ng/ml



#7 AR-1016-5

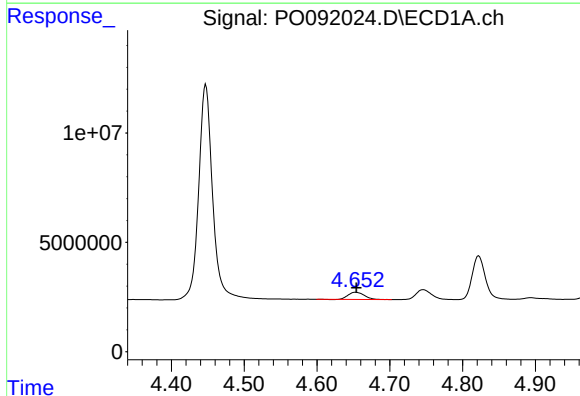
R.T.: 6.118 min
Delta R.T.: 0.003 min
Response: 30323364
Conc: 466.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



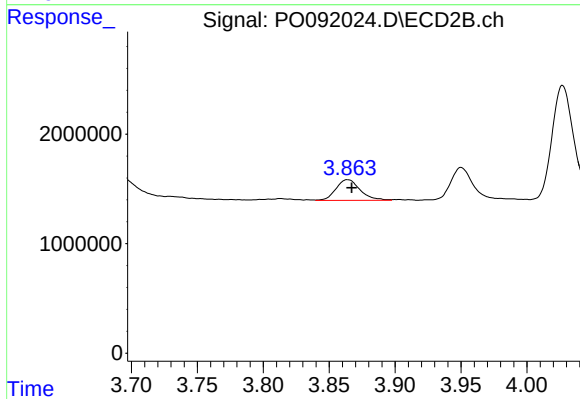
#7 AR-1016-5

R.T.: 5.192 min
Delta R.T.: -0.003 min
Response: 18167678
Conc: 492.96 ng/ml



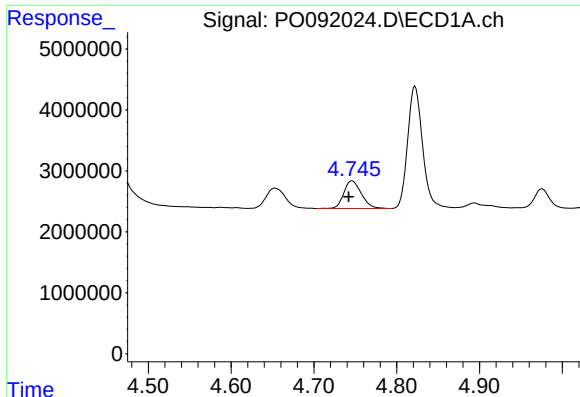
#8 AR-1221-1

R.T.: 4.653 min
Delta R.T.: 0.000 min
Response: 5150604
Conc: 145.75 ng/ml



#8 AR-1221-1

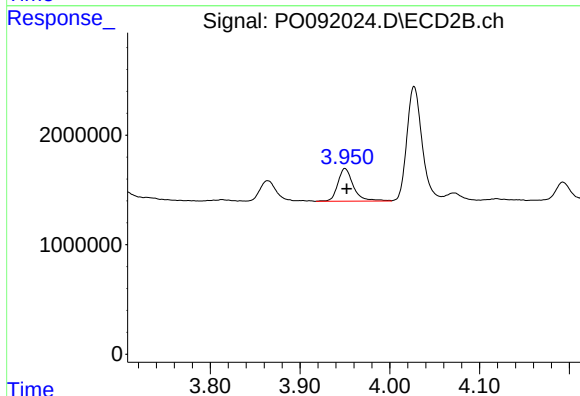
R.T.: 3.864 min
Delta R.T.: -0.003 min
Response: 2415525
Conc: 136.48 ng/ml



#9 AR-1221-2

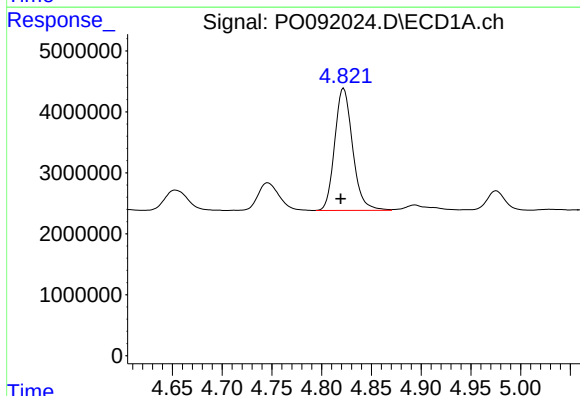
R.T.: 4.746 min
Delta R.T.: 0.004 min
Response: 6710912
Conc: 264.22 ng/ml

Instrument :
ECD_O
ClientSampleId :



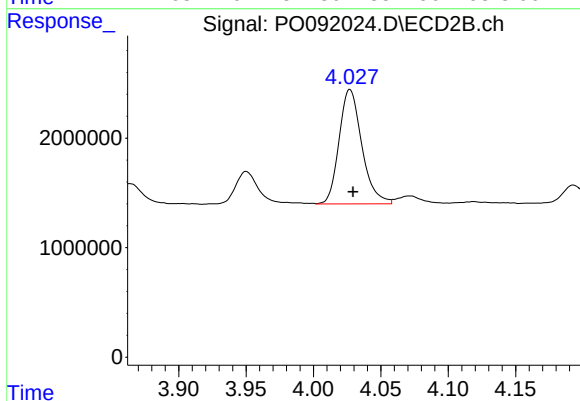
#9 AR-1221-2

R.T.: 3.950 min
Delta R.T.: -0.002 min
Response: 3590748
Conc: 274.91 ng/ml



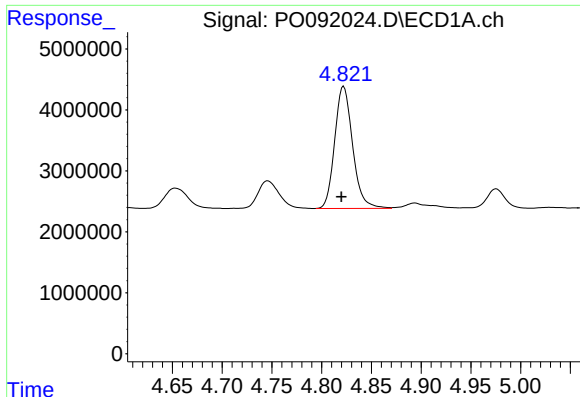
#10 AR-1221-3

R.T.: 4.822 min
Delta R.T.: 0.003 min
Response: 25123558
Conc: 323.74 ng/ml



#10 AR-1221-3

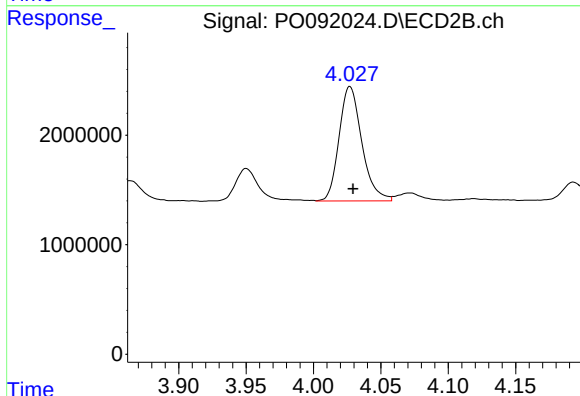
R.T.: 4.027 min
Delta R.T.: -0.002 min
Response: 12321740
Conc: 317.76 ng/ml



#11 AR-1232-1

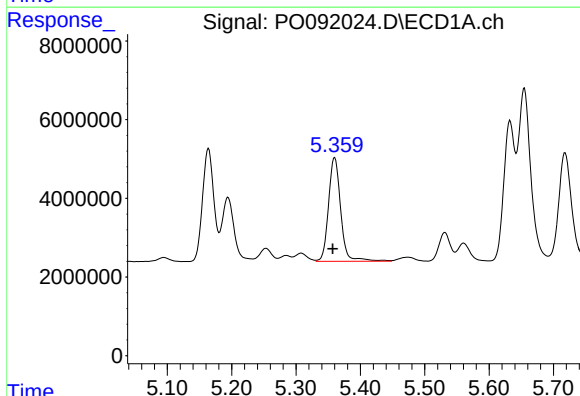
R.T.: 4.822 min
Delta R.T.: 0.002 min
Response: 25123558
Conc: 374.92 ng/ml

Instrument :
ECD_O
ClientSampleId :



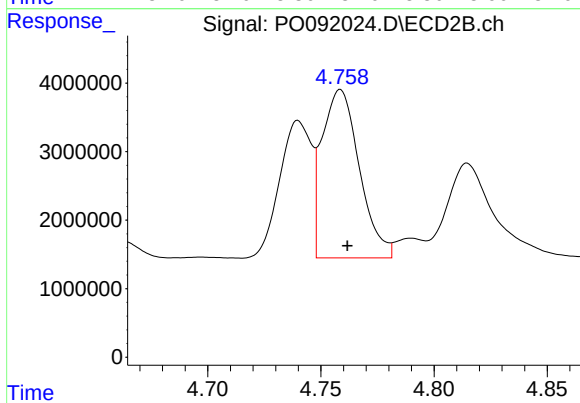
#11 AR-1232-1

R.T.: 4.027 min
Delta R.T.: -0.002 min
Response: 12321740
Conc: 360.98 ng/ml



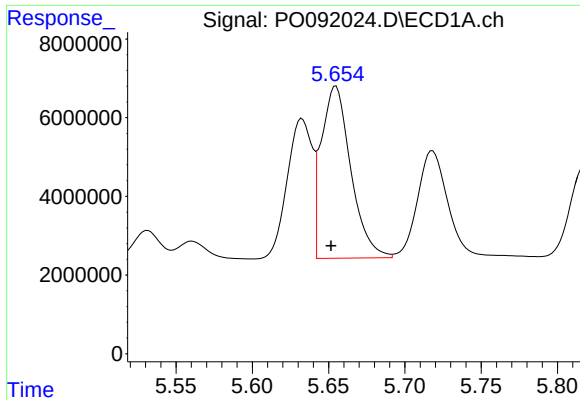
#12 AR-1232-2

R.T.: 5.360 min
Delta R.T.: 0.003 min
Response: 34779512
Conc: 1071.66 ng/ml



#12 AR-1232-2

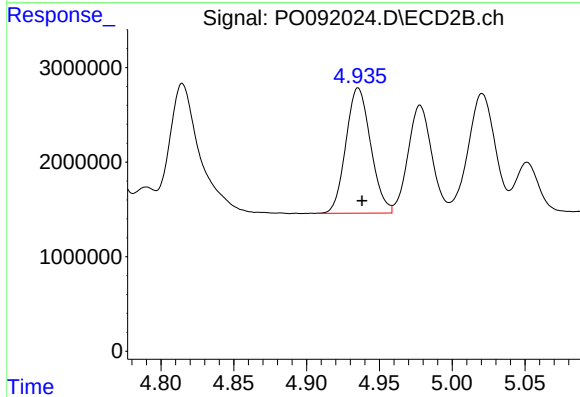
R.T.: 4.759 min
Delta R.T.: -0.003 min
Response: 28221566
Conc: 975.15 ng/ml



#13 AR-1232-3

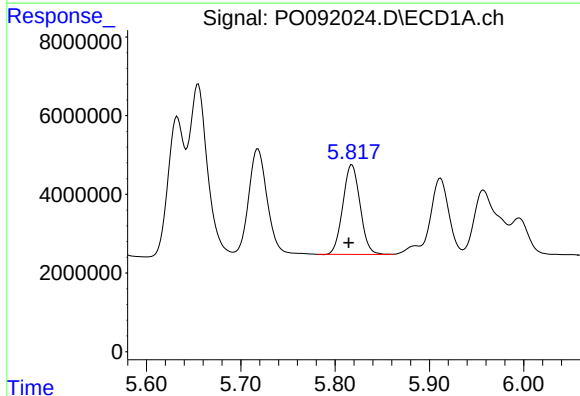
R.T.: 5.655 min
Delta R.T.: 0.003 min
Response: 58950161
Conc: 1028.48 ng/ml

Instrument :
ECD_O
ClientSampleId :



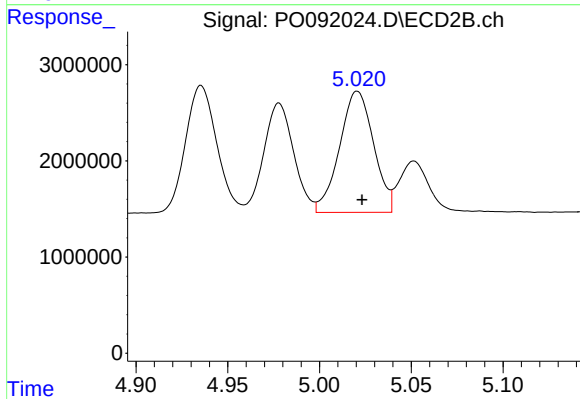
#13 AR-1232-3

R.T.: 4.935 min
Delta R.T.: -0.003 min
Response: 15695937
Conc: 1039.91 ng/ml



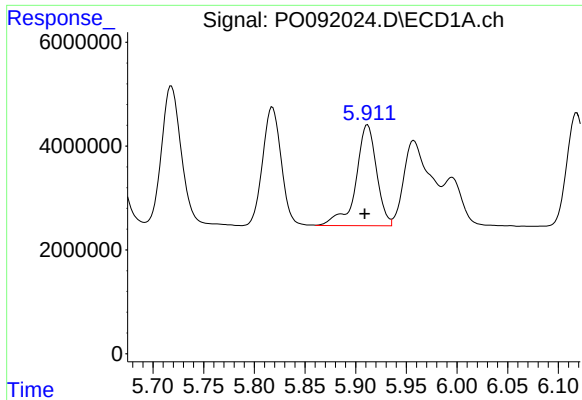
#14 AR-1232-4

R.T.: 5.818 min
Delta R.T.: 0.004 min
Response: 28995517
Conc: 1072.87 ng/ml



#14 AR-1232-4

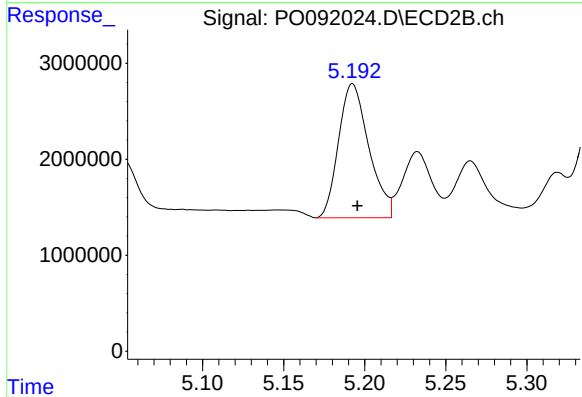
R.T.: 5.021 min
Delta R.T.: -0.003 min
Response: 16289152
Conc: 1081.15 ng/ml



#15 AR-1232-5

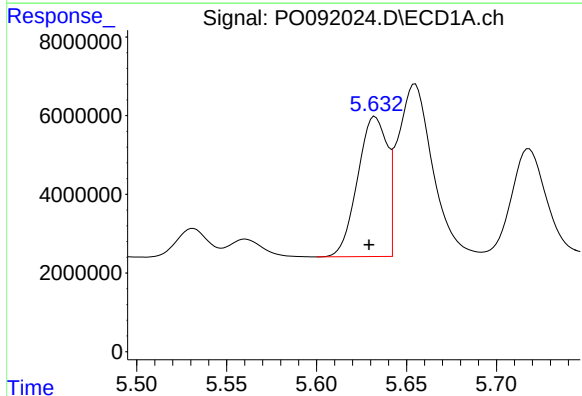
R.T.: 5.912 min
Delta R.T.: 0.003 min
Response: 27646027
Conc: 1152.35 ng/ml

Instrument :
ECD_O
ClientSampleId :



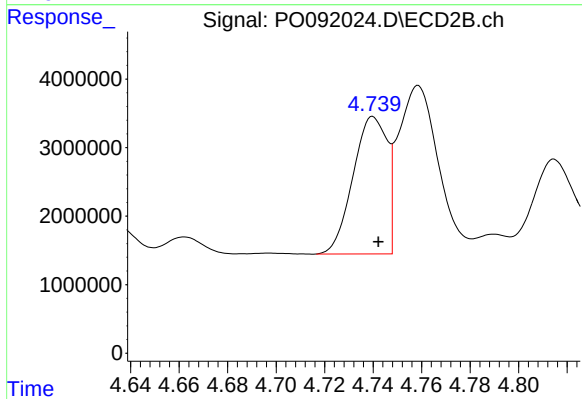
#15 AR-1232-5

R.T.: 5.192 min
Delta R.T.: -0.003 min
Response: 18167678
Conc: 1110.95 ng/ml



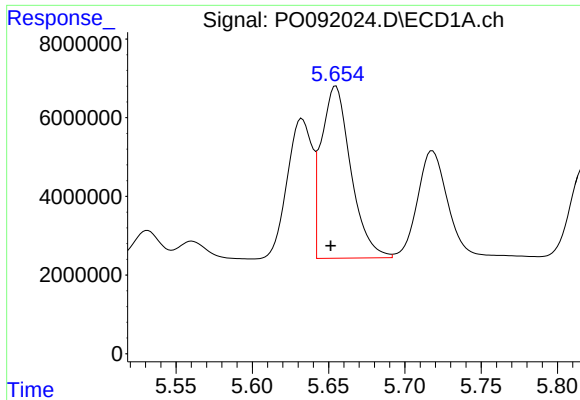
#16 AR-1242-1

R.T.: 5.633 min
Delta R.T.: 0.003 min
Response: 40559781
Conc: 568.39 ng/ml



#16 AR-1242-1

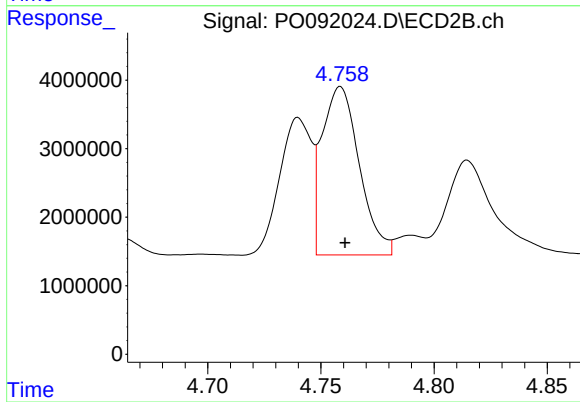
R.T.: 4.740 min
Delta R.T.: -0.002 min
Response: 19605169
Conc: 525.18 ng/ml



#17 AR-1242-2

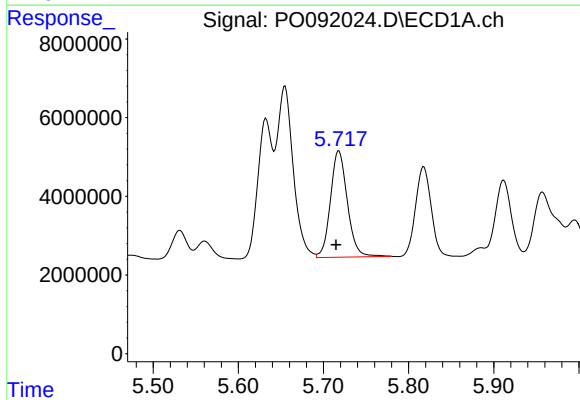
R.T.: 5.655 min
Delta R.T.: 0.003 min
Response: 58950161
Conc: 557.91 ng/ml

Instrument :
ECD_O
ClientSampleId :



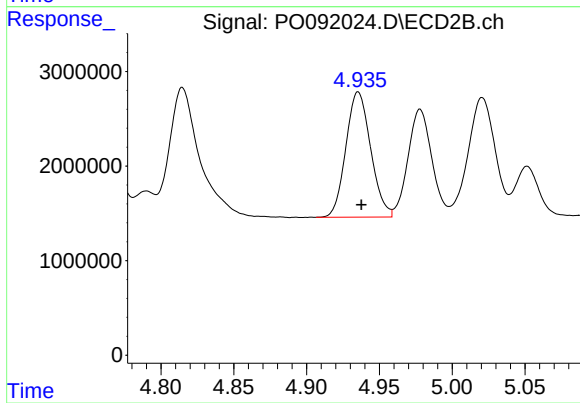
#17 AR-1242-2

R.T.: 4.759 min
Delta R.T.: -0.002 min
Response: 28221566
Conc: 531.00 ng/ml



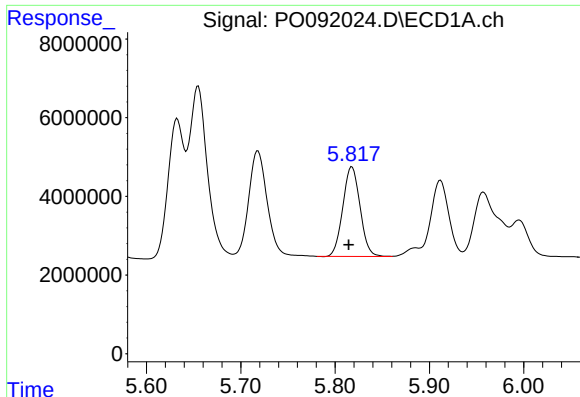
#18 AR-1242-3

R.T.: 5.718 min
Delta R.T.: 0.003 min
Response: 37375658
Conc: 554.54 ng/ml



#18 AR-1242-3

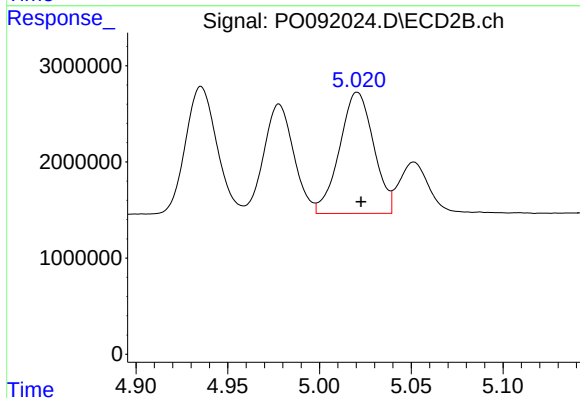
R.T.: 4.935 min
Delta R.T.: -0.002 min
Response: 15695937
Conc: 548.56 ng/ml



#19 AR-1242-4

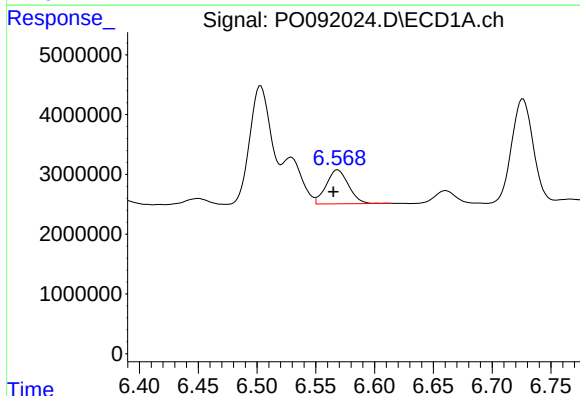
R.T.: 5.818 min
Delta R.T.: 0.004 min
Response: 28995517
Conc: 559.37 ng/ml

Instrument :
ECD_O
ClientSampleId :



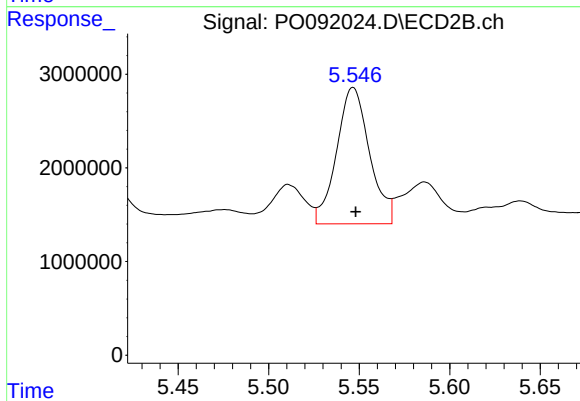
#19 AR-1242-4

R.T.: 5.021 min
Delta R.T.: -0.002 min
Response: 16289152
Conc: 529.92 ng/ml



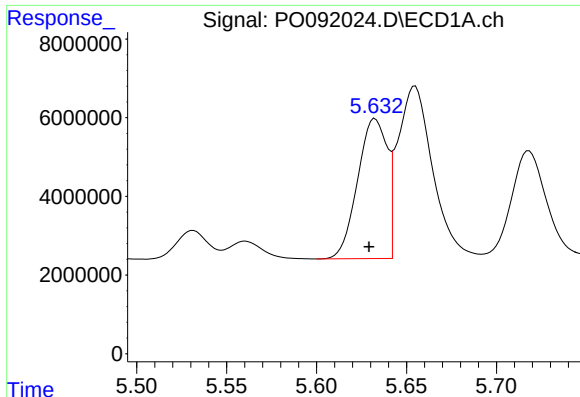
#20 AR-1242-5

R.T.: 6.569 min
Delta R.T.: 0.004 min
Response: 7485673
Conc: 147.85 ng/ml



#20 AR-1242-5

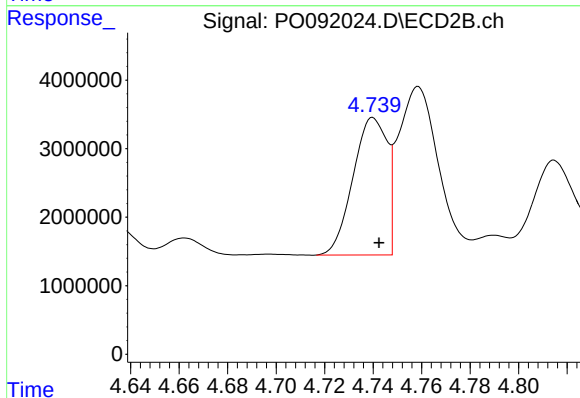
R.T.: 5.547 min
Delta R.T.: -0.001 min
Response: 18453198
Conc: 559.55 ng/ml



#21 AR-1248-1

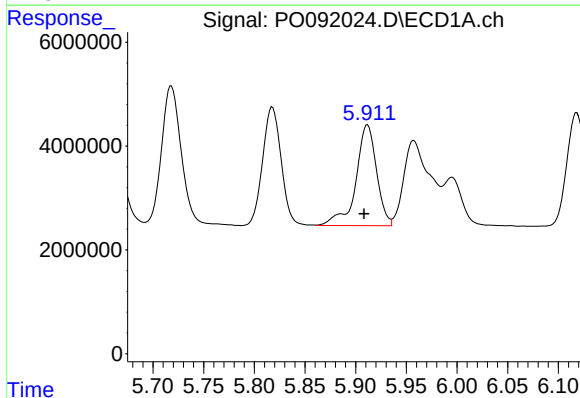
R.T.: 5.633 min
Delta R.T.: 0.004 min
Response: 40559781
Conc: 741.08 ng/ml

Instrument :
ECD_O
ClientSampleId :



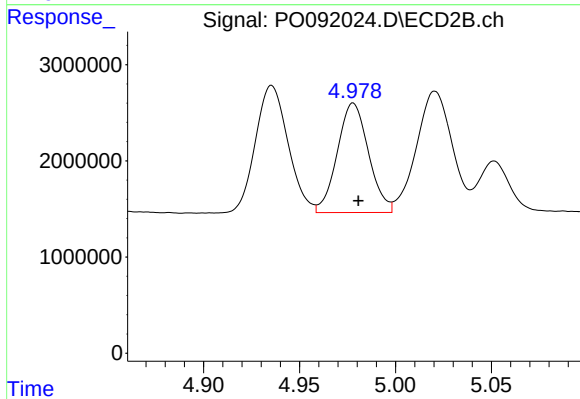
#21 AR-1248-1

R.T.: 4.740 min
Delta R.T.: -0.002 min
Response: 19605169
Conc: 687.46 ng/ml



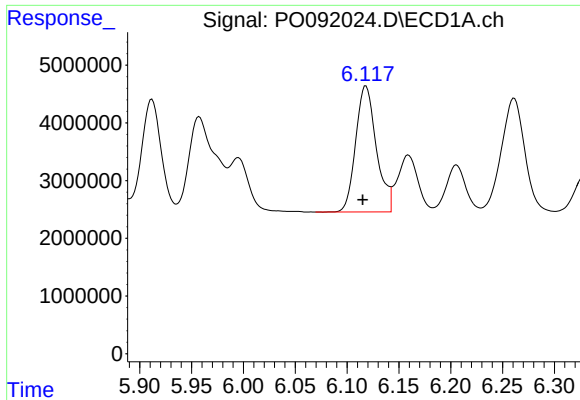
#22 AR-1248-2

R.T.: 5.912 min
Delta R.T.: 0.004 min
Response: 27646027
Conc: 319.61 ng/ml



#22 AR-1248-2

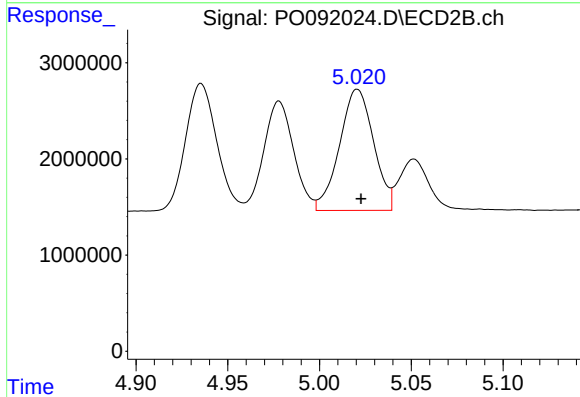
R.T.: 4.978 min
Delta R.T.: -0.003 min
Response: 12951511
Conc: 292.00 ng/ml



#23 AR-1248-3

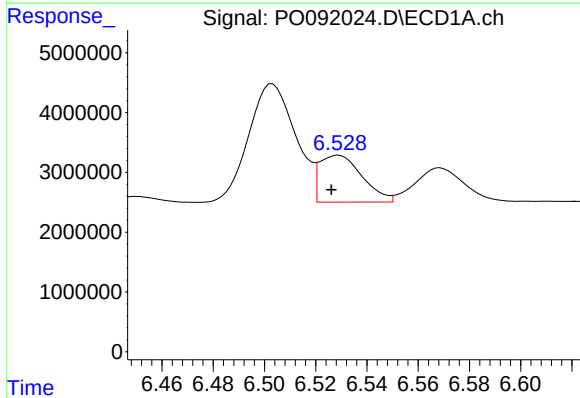
R.T.: 6.118 min
Delta R.T.: 0.003 min
Response: 30323364
Conc: 329.60 ng/ml

Instrument :
ECD_O
ClientSampleId :



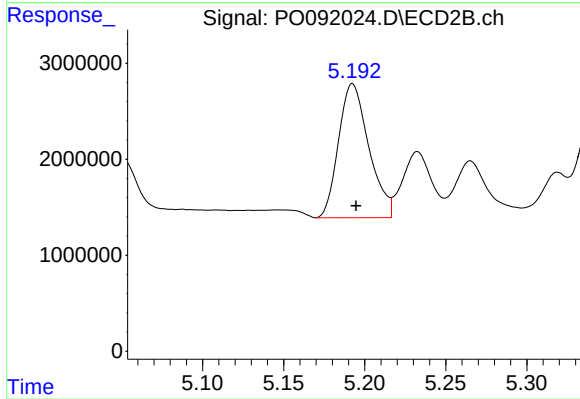
#23 AR-1248-3

R.T.: 5.021 min
Delta R.T.: -0.002 min
Response: 16289152
Conc: 357.54 ng/ml



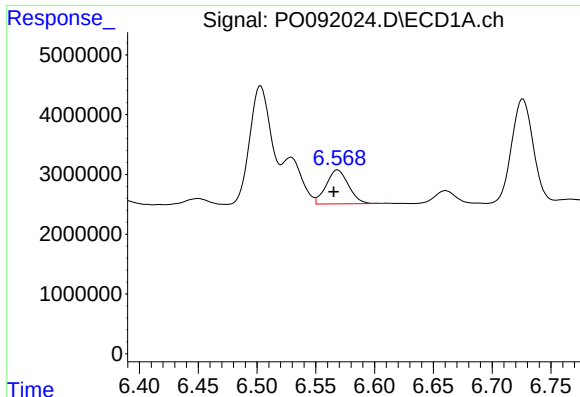
#24 AR-1248-4

R.T.: 6.529 min
Delta R.T.: 0.003 min
Response: 9042960
Conc: 101.66 ng/ml



#24 AR-1248-4

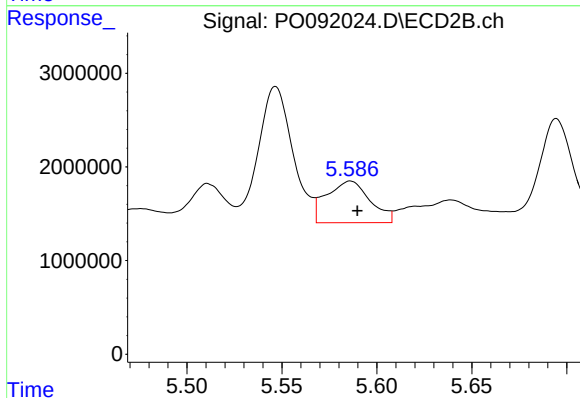
R.T.: 5.192 min
Delta R.T.: -0.002 min
Response: 18167678
Conc: 348.43 ng/ml



#25 AR-1248-5

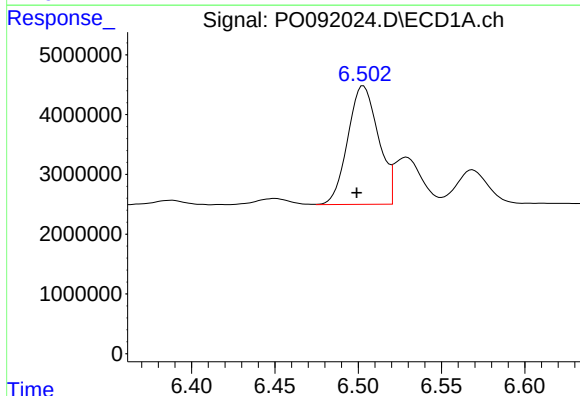
R.T.: 6.569 min
Delta R.T.: 0.003 min
Response: 7485673
Conc: 86.53 ng/ml

Instrument :
ECD_O
ClientSampleId :



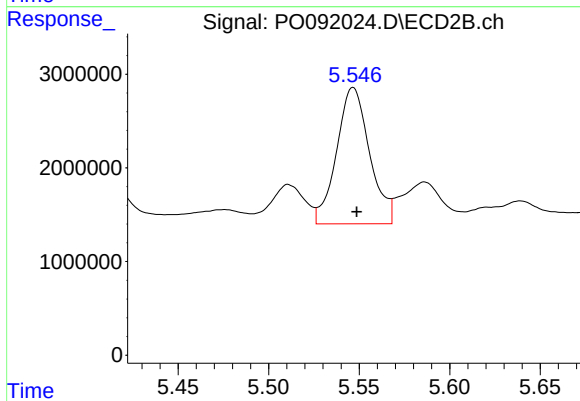
#25 AR-1248-5

R.T.: 5.586 min
Delta R.T.: -0.004 min
Response: 7101824
Conc: 160.57 ng/ml



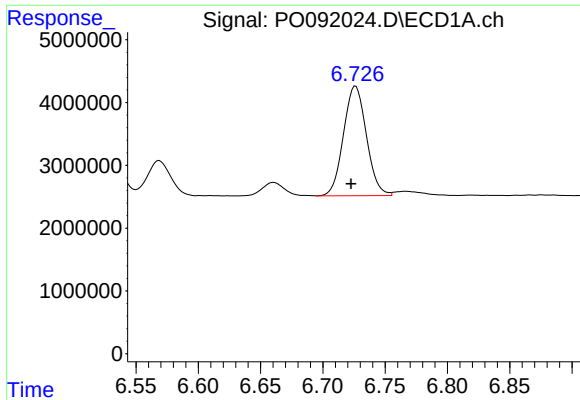
#26 AR-1254-1

R.T.: 6.503 min
Delta R.T.: 0.004 min
Response: 25293332
Conc: 244.47 ng/ml



#26 AR-1254-1

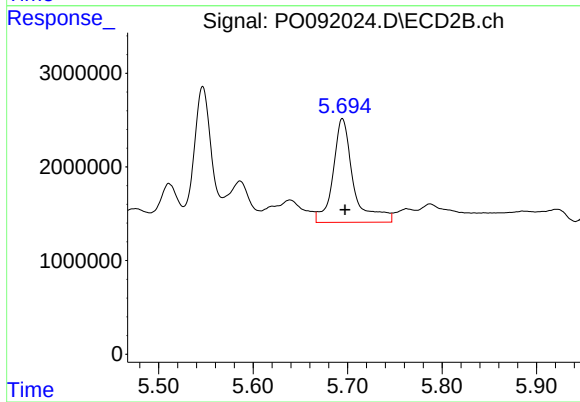
R.T.: 5.547 min
Delta R.T.: -0.002 min
Response: 18453198
Conc: 249.94 ng/ml



#27 AR-1254-2

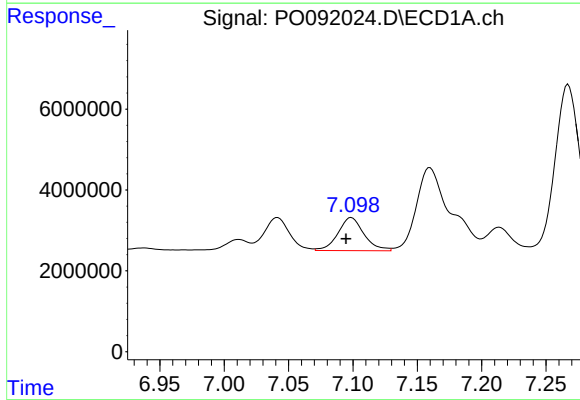
R.T.: 6.726 min
Delta R.T.: 0.004 min
Response: 22501305
Conc: 148.44 ng/ml

Instrument :
ECD_O
ClientSampleId :



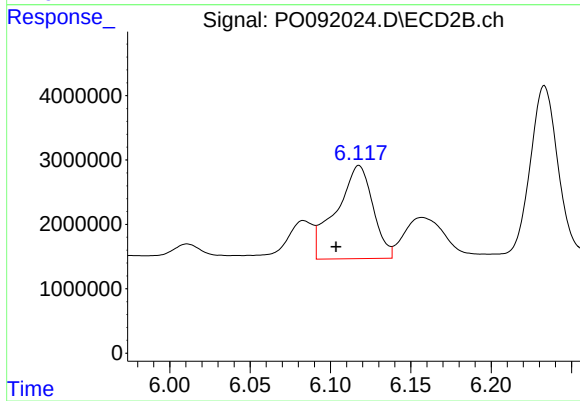
#27 AR-1254-2

R.T.: 5.695 min
Delta R.T.: -0.003 min
Response: 16560681
Conc: 253.43 ng/ml



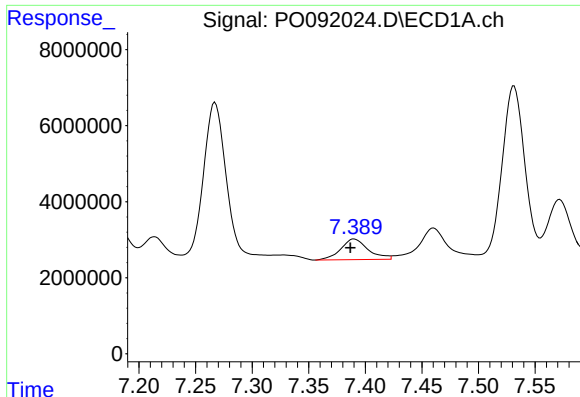
#28 AR-1254-3

R.T.: 7.099 min
Delta R.T.: 0.004 min
Response: 11593152
Conc: 77.53 ng/ml



#28 AR-1254-3

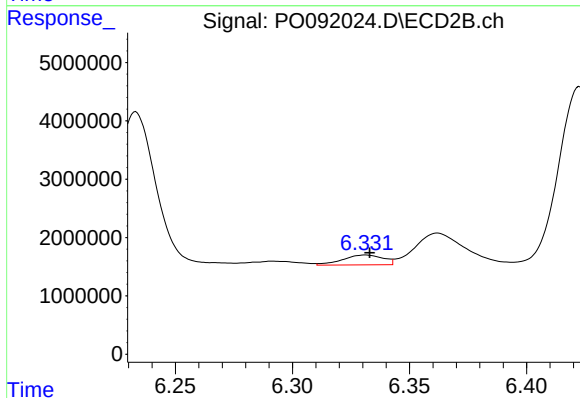
R.T.: 6.118 min
Delta R.T.: 0.014 min
Response: 23034926
Conc: 237.32 ng/ml



#29 AR-1254-4

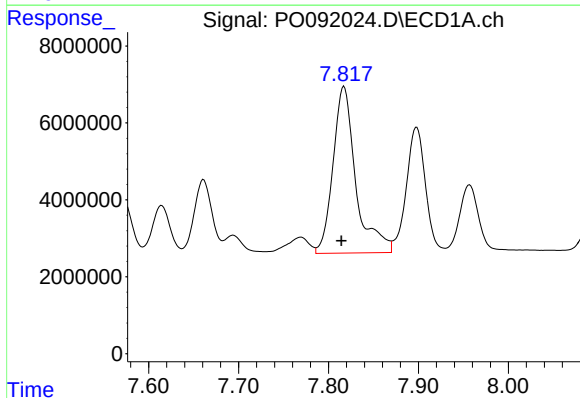
R.T.: 7.390 min
Delta R.T.: 0.003 min
Response: 9142760
Conc: 96.20 ng/ml

Instrument :
ECD_O
ClientSampleId :



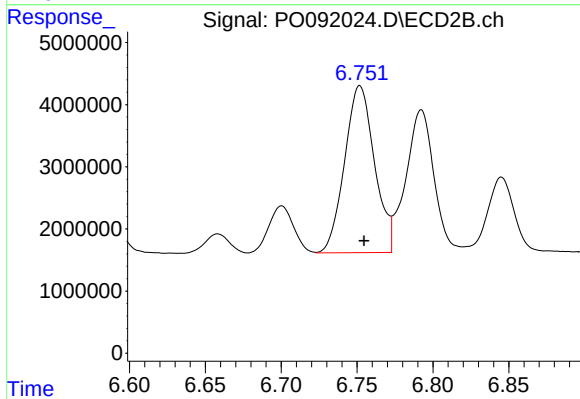
#29 AR-1254-4

R.T.: 6.331 min
Delta R.T.: -0.002 min
Response: 2047038
Conc: 42.24 ng/ml



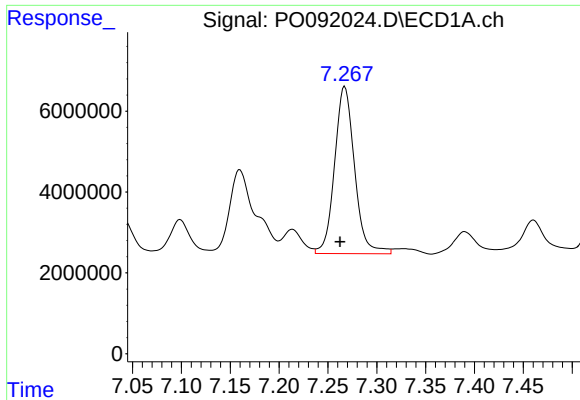
#30 AR-1254-5

R.T.: 7.817 min
Delta R.T.: 0.003 min
Response: 76309368
Conc: 615.14 ng/ml



#30 AR-1254-5

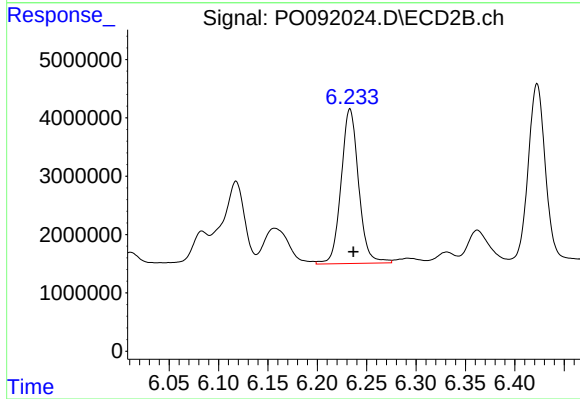
R.T.: 6.752 min
Delta R.T.: -0.003 min
Response: 36865967
Conc: 478.75 ng/ml



#31 AR-1260-1

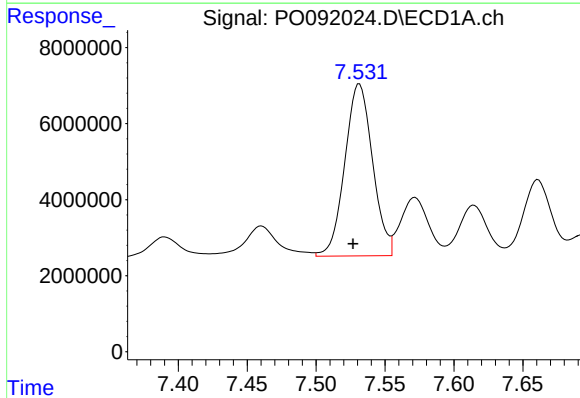
R.T.: 7.267 min
Delta R.T.: 0.005 min
Response: 58956719
Conc: 491.04 ng/ml

Instrument :
ECD_O
ClientSampleId :



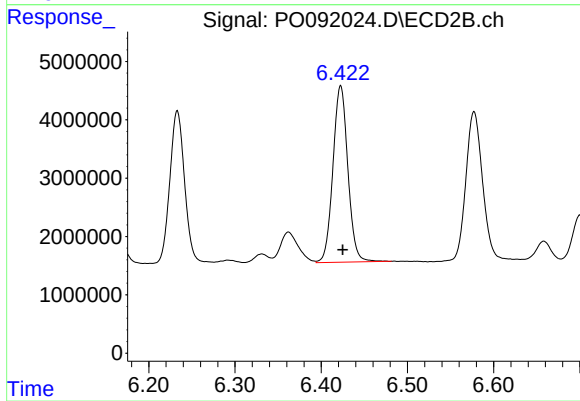
#31 AR-1260-1

R.T.: 6.233 min
Delta R.T.: -0.003 min
Response: 32762131
Conc: 503.83 ng/ml



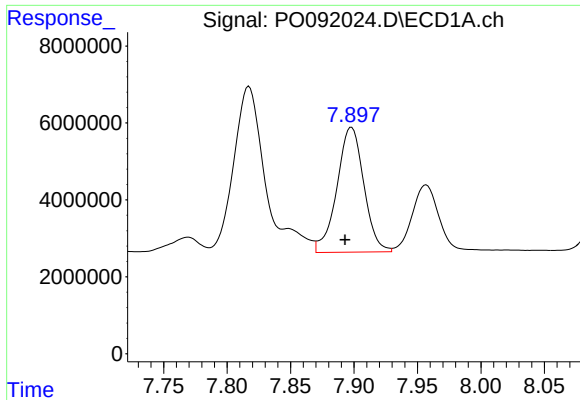
#32 AR-1260-2

R.T.: 7.531 min
Delta R.T.: 0.005 min
Response: 63422306
Conc: 493.71 ng/ml



#32 AR-1260-2

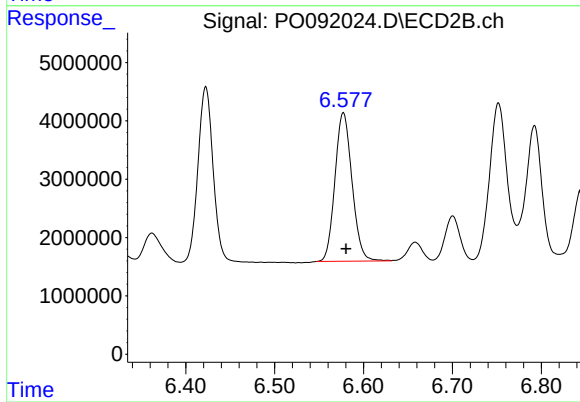
R.T.: 6.423 min
Delta R.T.: -0.003 min
Response: 36398646
Conc: 496.91 ng/ml



#33 AR-1260-3

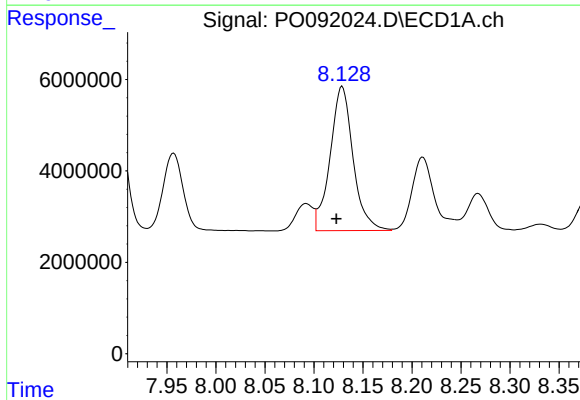
R.T.: 7.898 min
Delta R.T.: 0.005 min
Response: 47951419
Conc: 459.85 ng/ml

Instrument :
ECD_O
ClientSampleId :



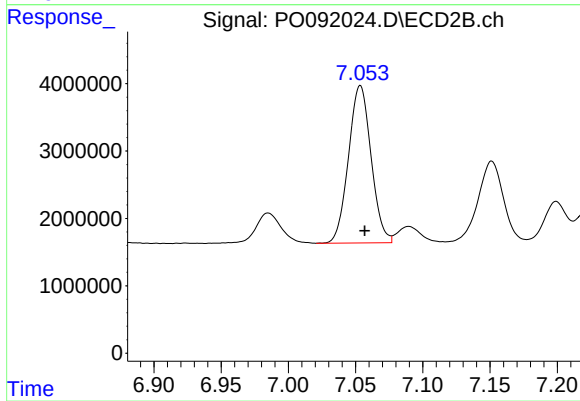
#33 AR-1260-3

R.T.: 6.577 min
Delta R.T.: -0.003 min
Response: 33991499
Conc: 475.26 ng/ml



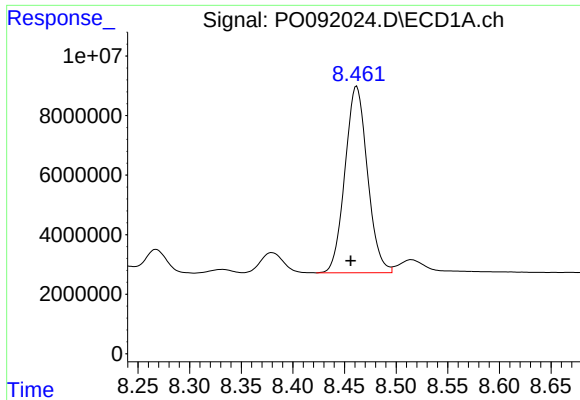
#34 AR-1260-4

R.T.: 8.129 min
Delta R.T.: 0.006 min
Response: 51388683
Conc: 445.09 ng/ml



#34 AR-1260-4

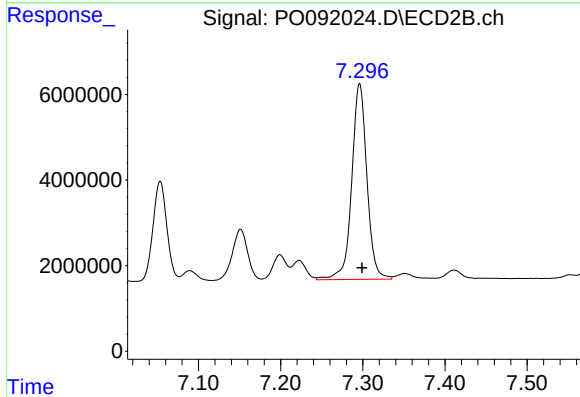
R.T.: 7.053 min
Delta R.T.: -0.003 min
Response: 27309300
Conc: 506.86 ng/ml



#35 AR-1260-5

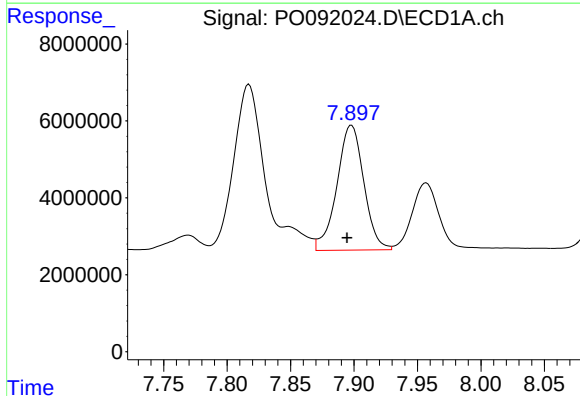
R.T.: 8.462 min
Delta R.T.: 0.006 min
Response: 94917204
Conc: 475.17 ng/ml

Instrument :
ECD_O
ClientSampleId :



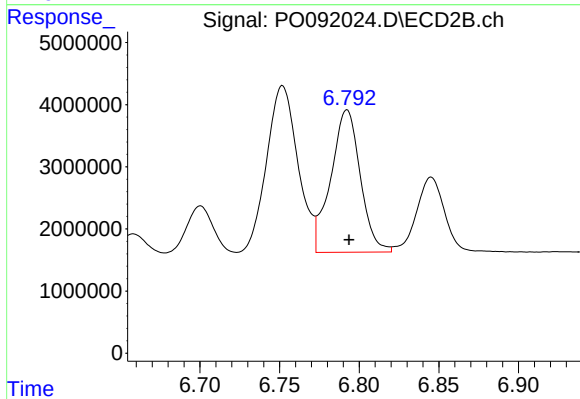
#35 AR-1260-5

R.T.: 7.296 min
Delta R.T.: -0.003 min
Response: 58791221
Conc: 523.95 ng/ml



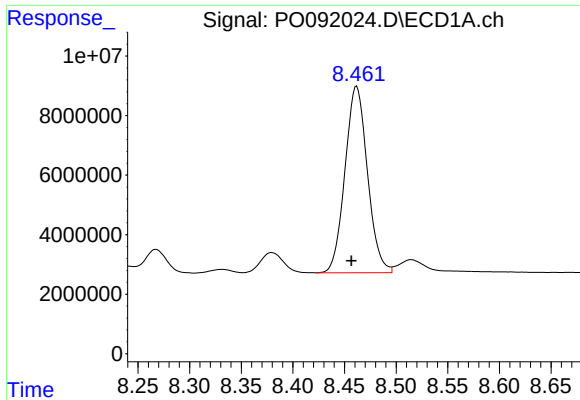
#36 AR-1262-1

R.T.: 7.898 min
Delta R.T.: 0.003 min
Response: 47951419
Conc: 372.00 ng/ml



#36 AR-1262-1

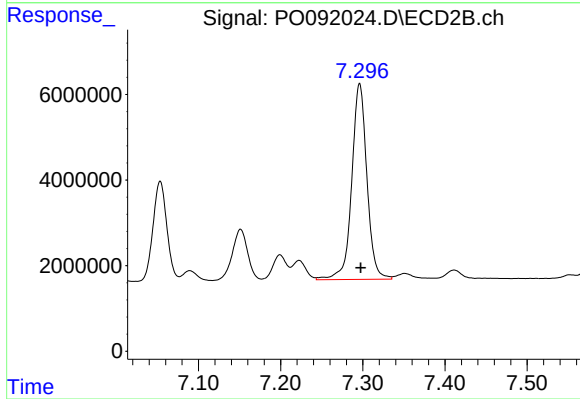
R.T.: 6.792 min
Delta R.T.: -0.001 min
Response: 29598155
Conc: 386.35 ng/ml



#37 AR-1262-2

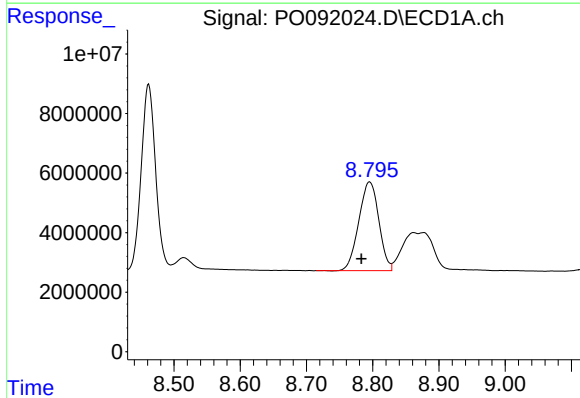
R.T.: 8.462 min
Delta R.T.: 0.005 min
Response: 94917204
Conc: 489.09 ng/ml

Instrument :
ECD_O
ClientSampleId :



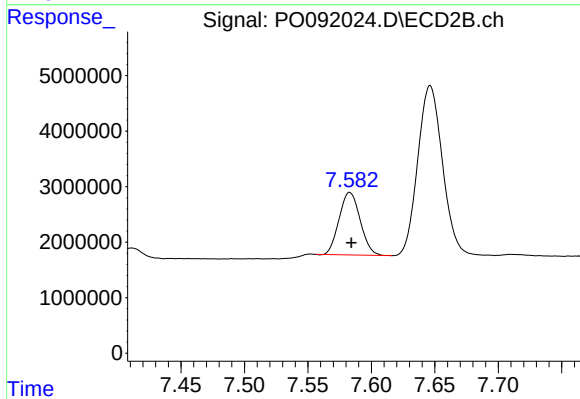
#37 AR-1262-2

R.T.: 7.296 min
Delta R.T.: -0.001 min
Response: 58791221
Conc: 507.80 ng/ml



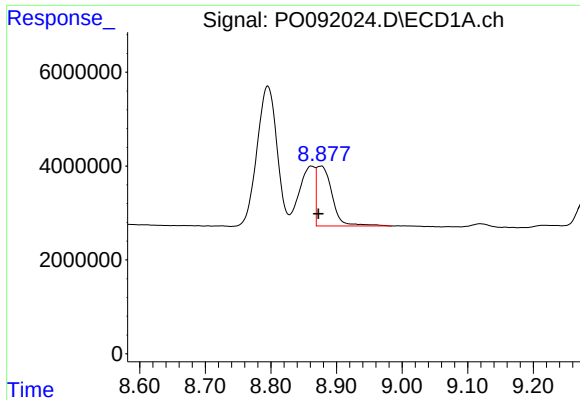
#38 AR-1262-3

R.T.: 8.795 min
Delta R.T.: 0.012 min
Response: 62499308
Conc: 443.10 ng/ml



#38 AR-1262-3

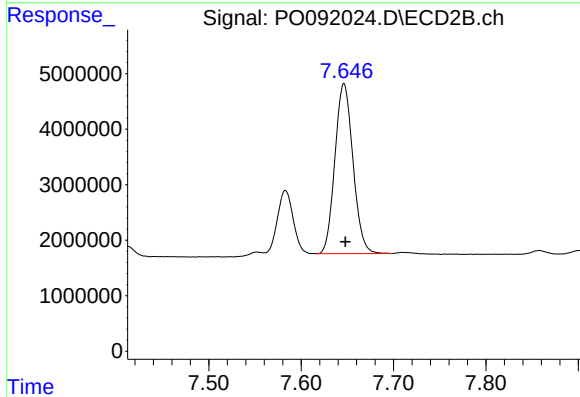
R.T.: 7.583 min
Delta R.T.: -0.001 min
Response: 13016873
Conc: 291.10 ng/ml



#39 AR-1262-4

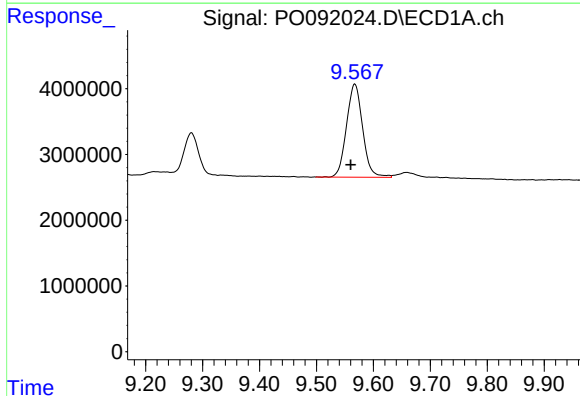
R.T.: 8.876 min
Delta R.T.: 0.004 min
Response: 21174518
Conc: 251.24 ng/ml

Instrument :
ECD_O
ClientSampleId :



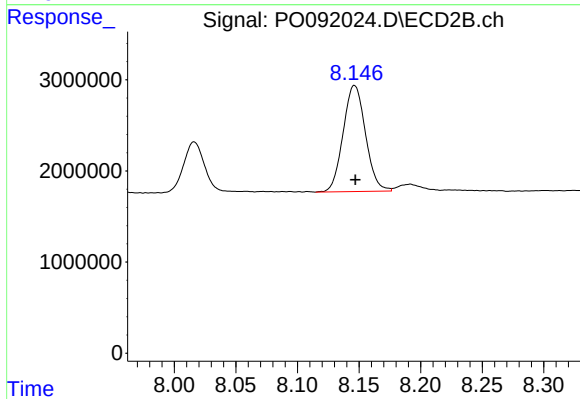
#39 AR-1262-4

R.T.: 7.646 min
Delta R.T.: -0.002 min
Response: 41597271
Conc: 500.95 ng/ml



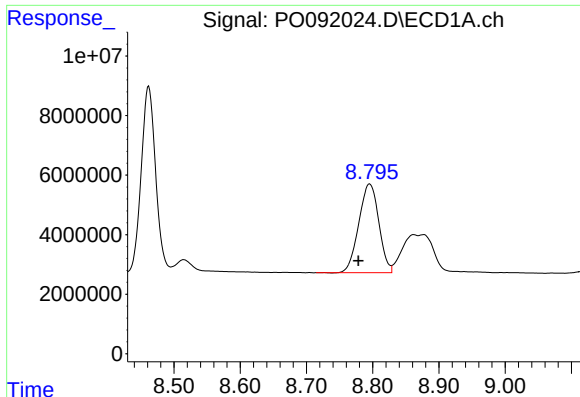
#40 AR-1262-5

R.T.: 9.568 min
Delta R.T.: 0.007 min
Response: 27951720
Conc: 389.51 ng/ml



#40 AR-1262-5

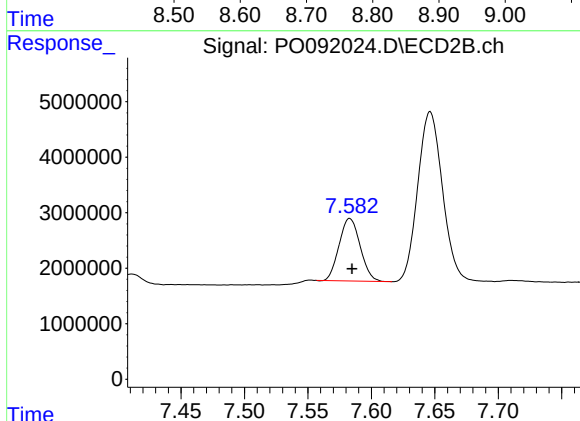
R.T.: 8.146 min
Delta R.T.: 0.000 min
Response: 14721369
Conc: 404.03 ng/ml



#41 AR-1268-1

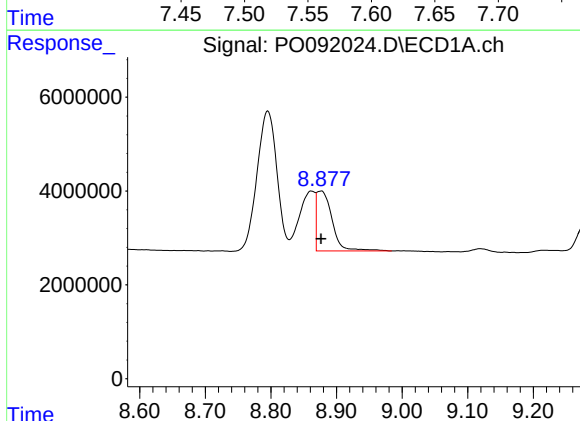
R.T.: 8.795 min
Delta R.T.: 0.017 min
Response: 62499308
Conc: 217.81 ng/ml

Instrument :
ECD_O
ClientSampleId :



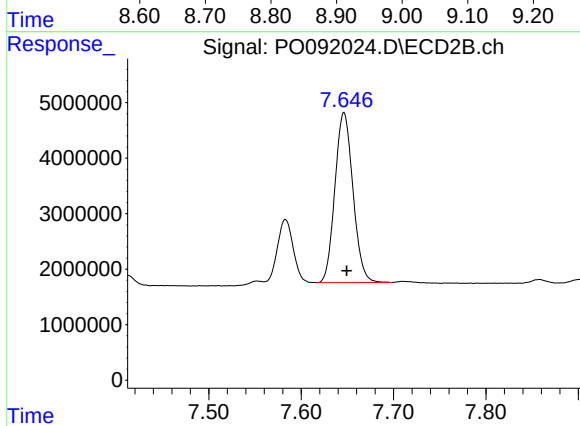
#41 AR-1268-1

R.T.: 7.583 min
Delta R.T.: -0.002 min
Response: 13016873
Conc: 85.40 ng/ml



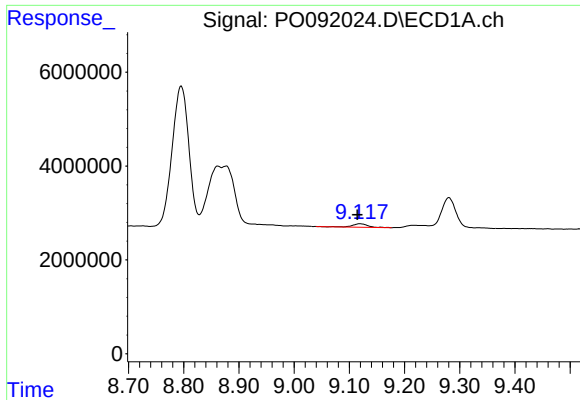
#42 AR-1268-2

R.T.: 8.876 min
Delta R.T.: 0.000 min
Response: 21174518
Conc: 72.84 ng/ml



#42 AR-1268-2

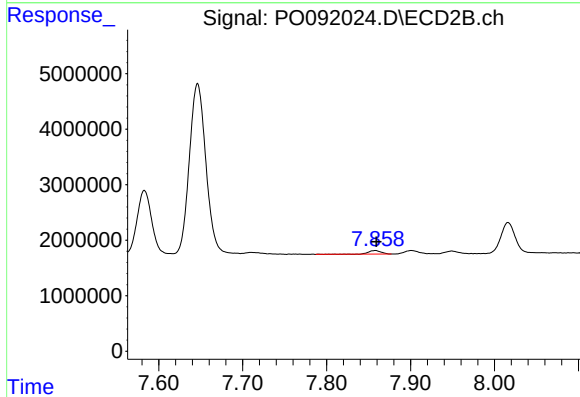
R.T.: 7.646 min
Delta R.T.: -0.003 min
Response: 41597271
Conc: 303.95 ng/ml



#43 AR-1268-3

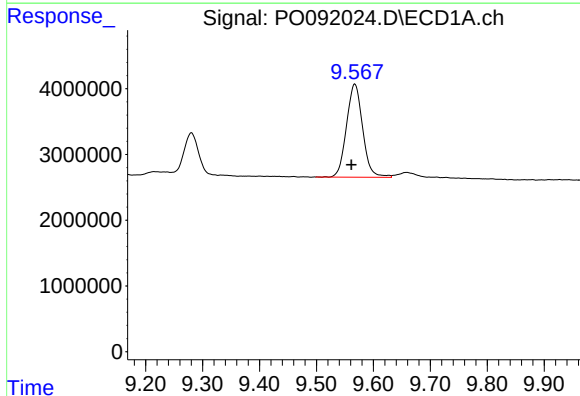
R.T.: 9.119 min
Delta R.T.: 0.004 min
Response: 1368282
Conc: 5.77 ng/ml

Instrument :
ECD_O
ClientSampleId :



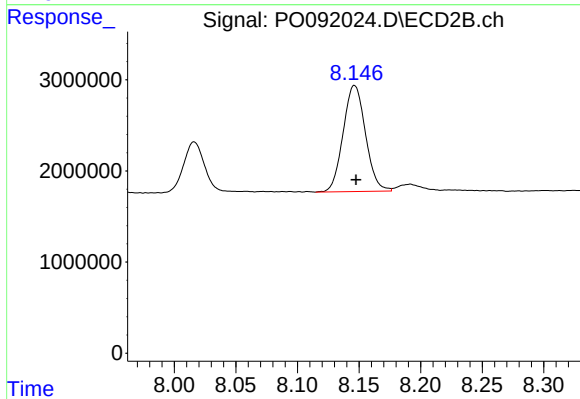
#43 AR-1268-3

R.T.: 7.858 min
Delta R.T.: -0.001 min
Response: 680860
Conc: 5.36 ng/ml



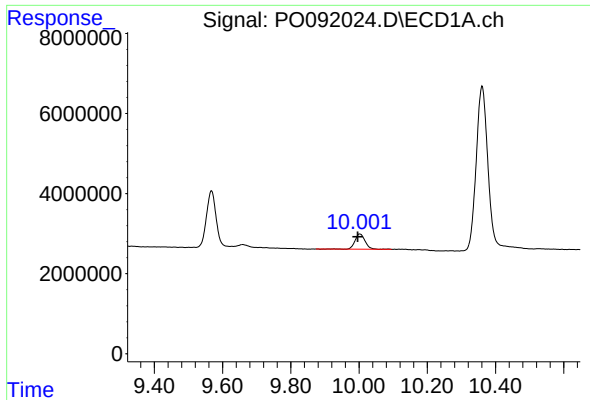
#44 AR-1268-4

R.T.: 9.568 min
Delta R.T.: 0.006 min
Response: 27951720
Conc: 310.40 ng/ml



#44 AR-1268-4

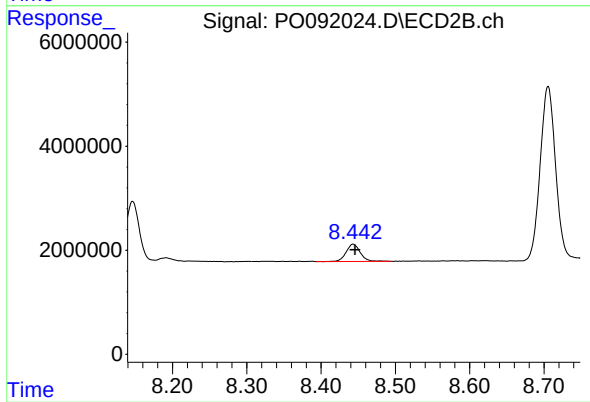
R.T.: 8.146 min
Delta R.T.: -0.001 min
Response: 14721369
Conc: 310.82 ng/ml



#45 AR-1268-5

R.T.: 10.002 min
Delta R.T.: 0.006 min
Response: 7979327
Conc: 10.85 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.443 min
Delta R.T.: -0.003 min
Response: 4461736
Conc: 11.97 ng/ml