

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0090618\
 Data File : P0048789.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 06 Sep 2018 15:52
 Operator : SM/SJ
 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: Sep 07 00:41:26 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0090418.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Sep 06 03:44:31 2018
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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...	4.454	3.529	7310006	7586505	60.585	48.536
2)	SA Decachlor...	10.202	8.469	7015914	7490402	50.283	50.661
Target Compounds							
3)	L1 AR-1016-1	5.165	4.193	1836648	2132614	565.646	492.102
4)	L1 AR-1016-2	5.360	4.599	1917575	3222136	557.560	500.395
5)	L1 AR-1016-3	5.628	4.618	2804286	4278402	555.393	506.696
6)	L1 AR-1016-4	5.713	4.673	2449734	3057804	532.244	520.513
7)	L1 AR-1016-5	6.106	5.043	2005693	2610053	516.780	504.863
8)	L2 AR-1221-1	4.660	3.739	234835	263308	151.242	122.997
9)	L2 AR-1221-2	4.752	3.824	328504	399853	274.692	246.680
10)	L2 AR-1221-3	4.829	3.899	1347488	1491657	357.166	302.898
11)	L3 AR-1232-1	5.650	4.381	3844379	2261019	1385.817	1172.748
12)	L3 AR-1232-2	5.812	4.496	2050744	726500	1381.309	1093.502
13)	L3 AR-1232-3	5.984	4.874	646569	2376807	1504.347	1364.793
14)	L3 AR-1232-4	6.315	5.190	543444	2341777	1371.799	1266.372
15)	L3 AR-1232-5	7.178	5.762	491688	69396	2091.772	276.975 #
16)	L4 AR-1242-1	5.196	4.213	1041773	1198460	699.033	610.638
17)	L4 AR-1242-2	5.946	4.792	1739441	2573886	605.546	636.225
18)	L4 AR-1242-3	6.147	4.905	862032	869865	602.335	607.548
19)	L4 AR-1242-4	6.191	5.260	665806	733154	603.289	605.746
20)	L4 AR-1242-5	6.247	5.629	2254339	330919	593.048	107.023 #
21)	L5 AR-1248-1	5.901	4.833	1615077	1907863	323.414	359.302
22)	L5 AR-1248-2	6.482	5.391	1852303	2690321	353.936	280.150
23)	L5 AR-1248-3	6.509	5.431	729712	699465	107.199	102.777
24)	L5 AR-1248-4	6.549	5.602	602034	195082	91.439	32.111 #
25)	L5 AR-1248-5	6.700	5.953	1573060	3914832	345.962	841.143 #
26)	L6 AR-1254-1	6.700	5.537	1573060	1974462	138.846	194.583 #
27)	L6 AR-1254-2	6.982	5.848	299879	532402	40.830	60.353 #
28)	L6 AR-1254-3	7.069	6.163	859640	441990	67.501	40.100 #
29)	L6 AR-1254-4	7.353	6.484	571664	799490	58.964	98.430 #
30)	L6 AR-1254-5	7.616	6.578	2270495	7585861	293.772	500.520 #
31)	L7 AR-1260-1	7.231	6.066	3774387	5477195	458.121	526.136
32)	L7 AR-1260-2	7.487	6.252	4679636	6633841	476.224	529.749
33)	L7 AR-1260-3	7.771	6.405	5670665	6396531	475.245	539.140
34)	L7 AR-1260-4	8.071	6.873	4032777	4998917	469.858	528.368
35)	L7 AR-1260-5	8.392	7.113	7709799	11415700	464.397	525.709
36)	L8 AR-1262-1	7.124	5.953	2485388	3914832	509.021	711.200 #
37)	L8 AR-1262-2	7.903	6.669	1846907	2804481	425.066	517.887
38)	L8 AR-1262-3	8.153	6.971	1950095	2812900	401.404	471.552
39)	L8 AR-1262-4	8.777	7.396	3113768	2382680	591.535	268.419 #
40)	L8 AR-1262-5	9.454	7.949	2317428	2747386	345.081	363.230
41)	L9 AR-1268-1	7.845	6.617	3445358	5354020	806.666	981.076

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 Operator : SM/SJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

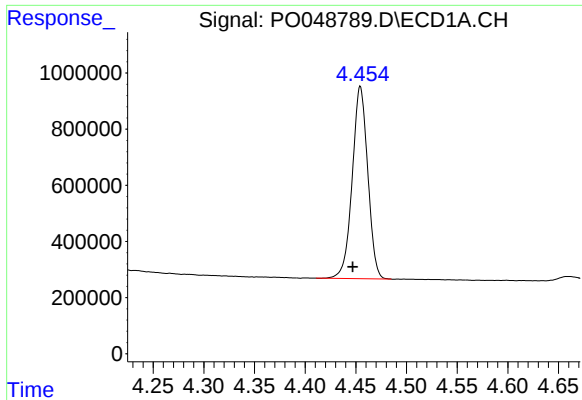
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 07 00:41:26 2018
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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	8.071	7.458	4032777	8063166	739.261	339.147 #
43) L9	AR-1268-3	8.722	7.666	5222845	186406	236.249	9.523 #
44) L9	AR-1268-4	9.022	7.756	235786	171419	13.845	30.518 #
45) L9	AR-1268-5	9.865	8.226	604769	722577	11.665	13.252

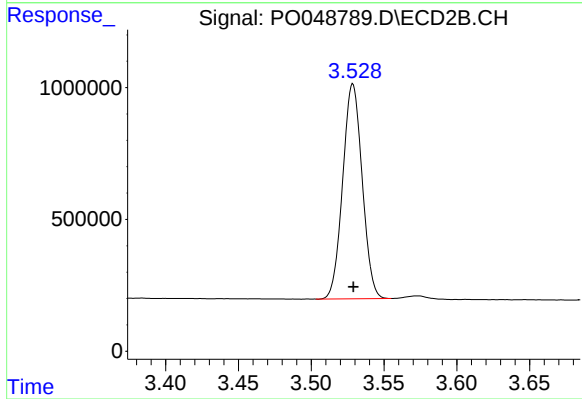
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

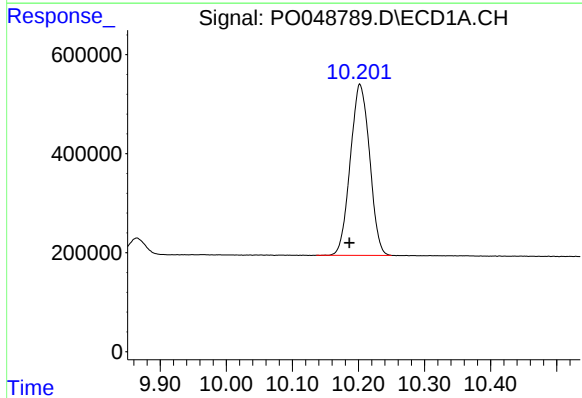
R.T.: 4.454 min
Delta R.T.: 0.007 min
Response: 7310006
Conc: 60.58 ng/ml

Instrument :
ECD_O
ClientSampleId :



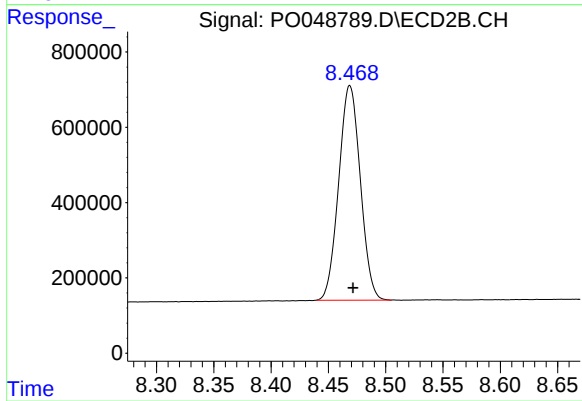
#1 Tetrachloro-m-xylene

R.T.: 3.529 min
Delta R.T.: 0.000 min
Response: 7586505
Conc: 48.54 ng/ml



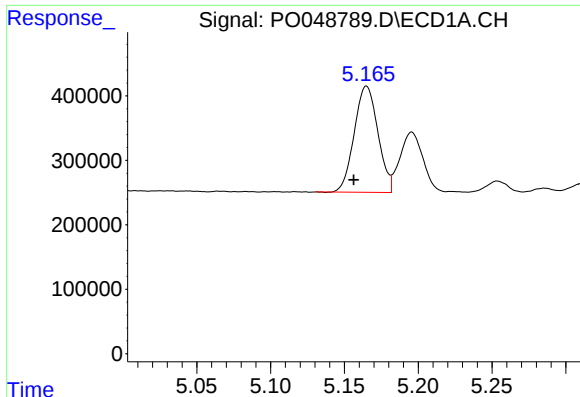
#2 Decachlorobiphenyl

R.T.: 10.202 min
Delta R.T.: 0.016 min
Response: 7015914
Conc: 50.28 ng/ml



#2 Decachlorobiphenyl

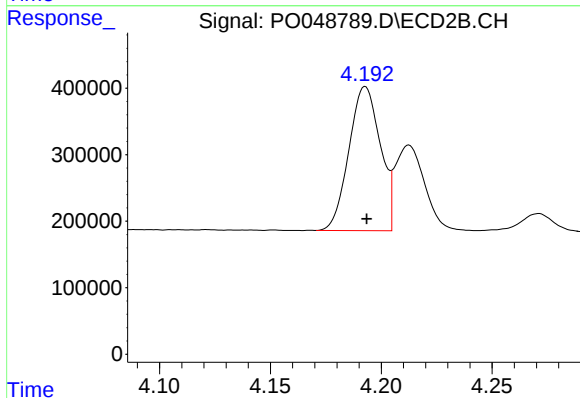
R.T.: 8.469 min
Delta R.T.: -0.003 min
Response: 7490402
Conc: 50.66 ng/ml



#3 AR-1016-1

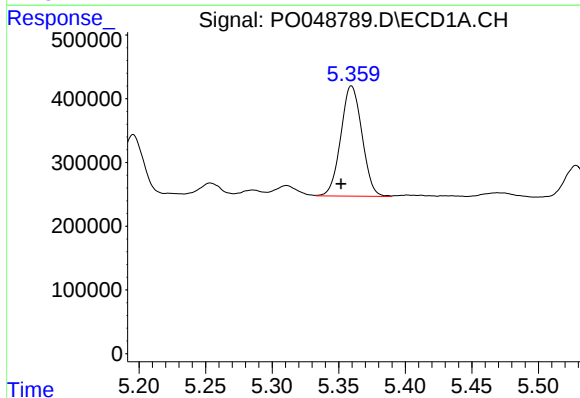
R.T.: 5.165 min
Delta R.T.: 0.009 min
Response: 1836648
Conc: 565.65 ng/ml

Instrument :
ECD_O
ClientSampleId :



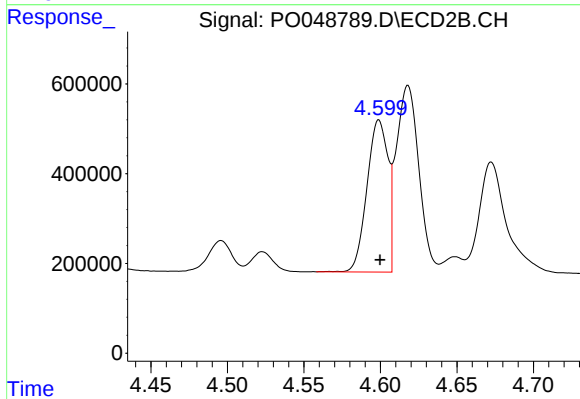
#3 AR-1016-1

R.T.: 4.193 min
Delta R.T.: 0.000 min
Response: 2132614
Conc: 492.10 ng/ml



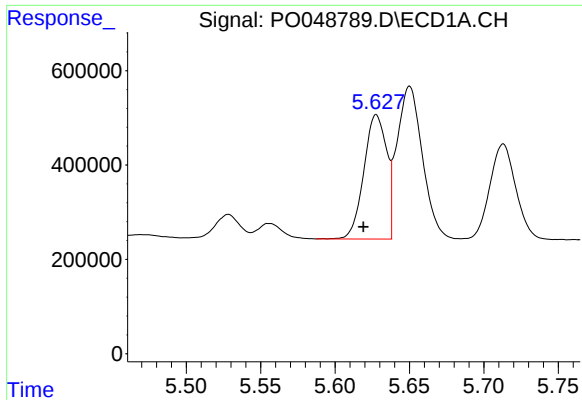
#4 AR-1016-2

R.T.: 5.360 min
Delta R.T.: 0.008 min
Response: 1917575
Conc: 557.56 ng/ml



#4 AR-1016-2

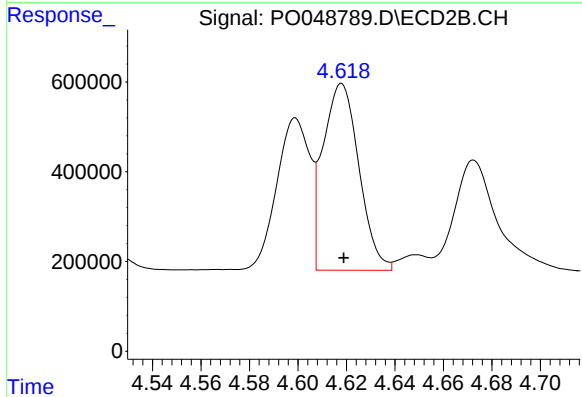
R.T.: 4.599 min
Delta R.T.: 0.000 min
Response: 3222136
Conc: 500.40 ng/ml



#5 AR-1016-3

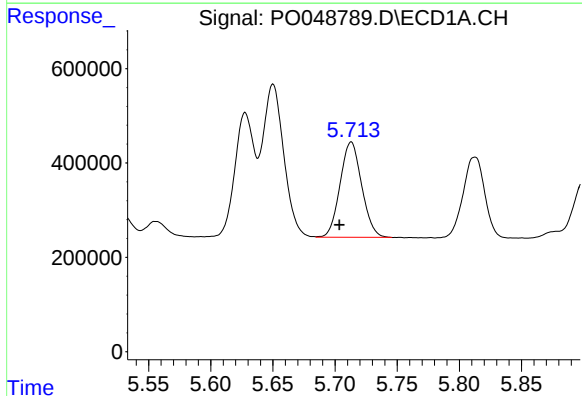
R.T.: 5.628 min
Delta R.T.: 0.009 min
Response: 2804286
Conc: 555.39 ng/ml

Instrument :
ECD_O
ClientSampleId :



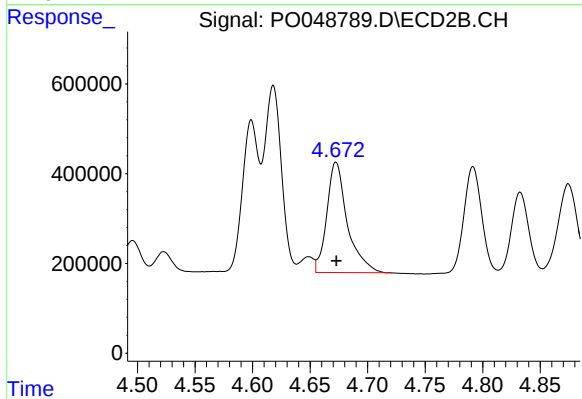
#5 AR-1016-3

R.T.: 4.618 min
Delta R.T.: 0.000 min
Response: 4278402
Conc: 506.70 ng/ml



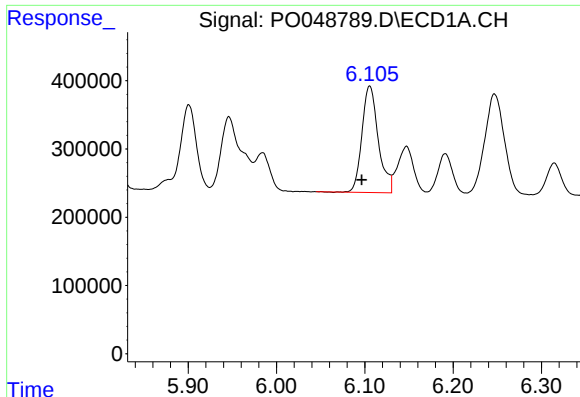
#6 AR-1016-4

R.T.: 5.713 min
Delta R.T.: 0.009 min
Response: 2449734
Conc: 532.24 ng/ml



#6 AR-1016-4

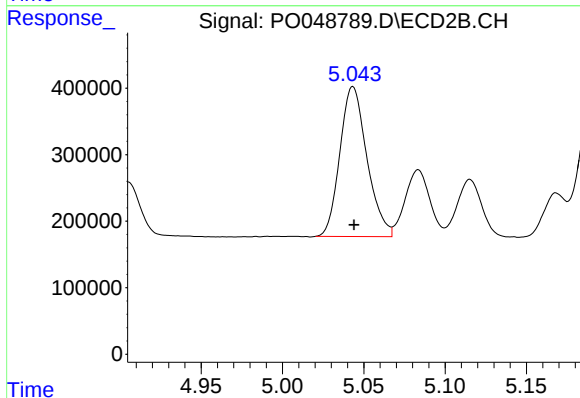
R.T.: 4.673 min
Delta R.T.: 0.000 min
Response: 3057804
Conc: 520.51 ng/ml



#7 AR-1016-5

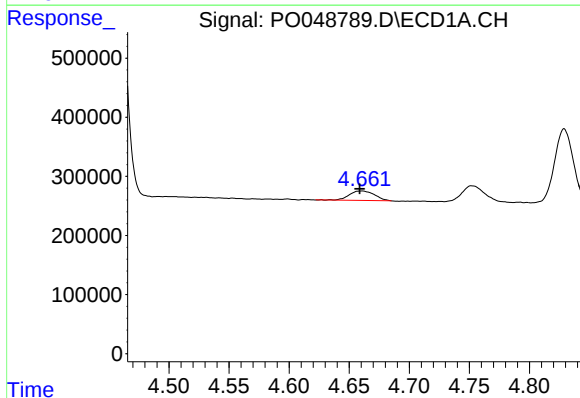
R.T.: 6.106 min
Delta R.T.: 0.009 min
Response: 2005693
Conc: 516.78 ng/ml

Instrument :
ECD_O
ClientSampleId :



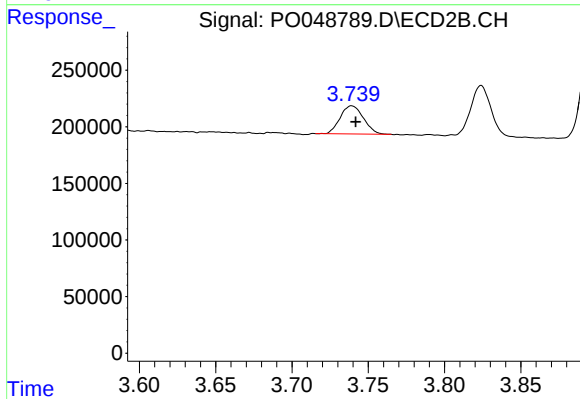
#7 AR-1016-5

R.T.: 5.043 min
Delta R.T.: 0.000 min
Response: 2610053
Conc: 504.86 ng/ml



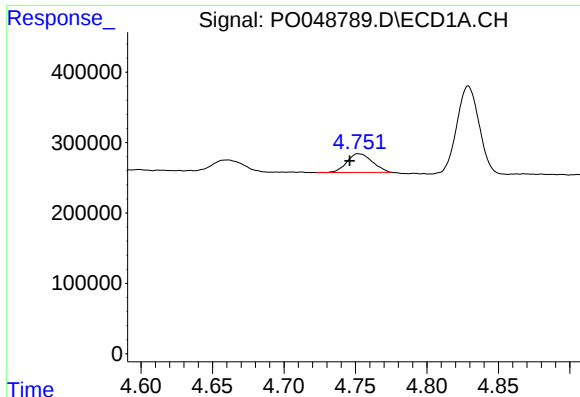
#8 AR-1221-1

R.T.: 4.660 min
Delta R.T.: 0.002 min
Response: 234835
Conc: 151.24 ng/ml



#8 AR-1221-1

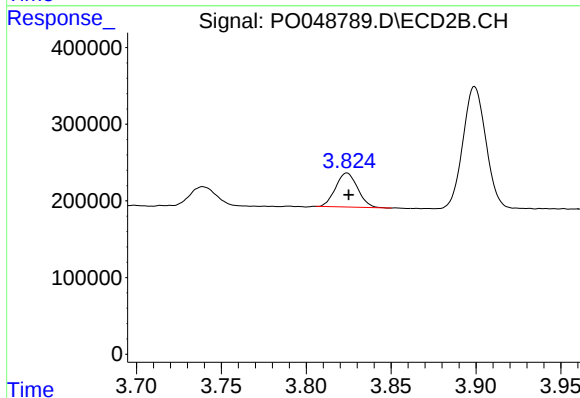
R.T.: 3.739 min
Delta R.T.: -0.002 min
Response: 263308
Conc: 123.00 ng/ml



#9 AR-1221-2

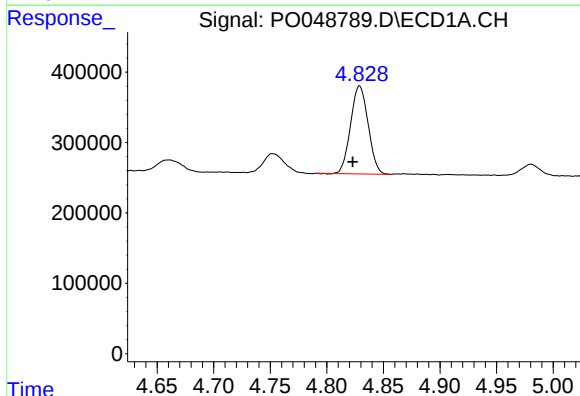
R.T.: 4.752 min
Delta R.T.: 0.006 min
Response: 328504
Conc: 274.69 ng/ml

Instrument :
ECD_O
ClientSampleId :



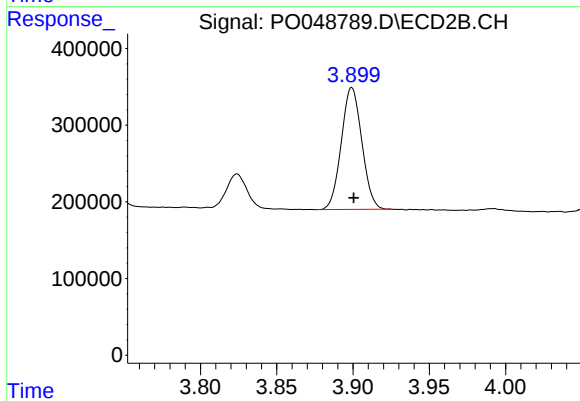
#9 AR-1221-2

R.T.: 3.824 min
Delta R.T.: -0.001 min
Response: 399853
Conc: 246.68 ng/ml



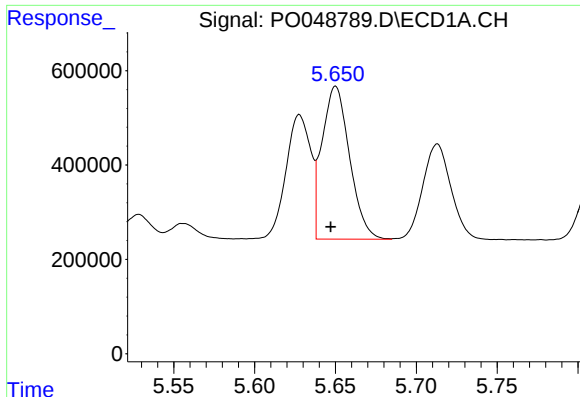
#10 AR-1221-3

R.T.: 4.829 min
Delta R.T.: 0.006 min
Response: 1347488
Conc: 357.17 ng/ml



#10 AR-1221-3

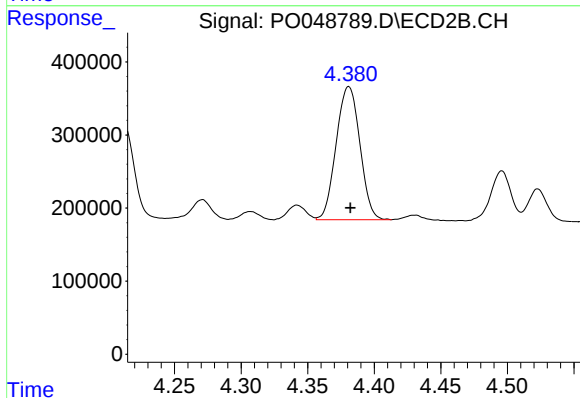
R.T.: 3.899 min
Delta R.T.: -0.001 min
Response: 1491657
Conc: 302.90 ng/ml



#11 AR-1232-1

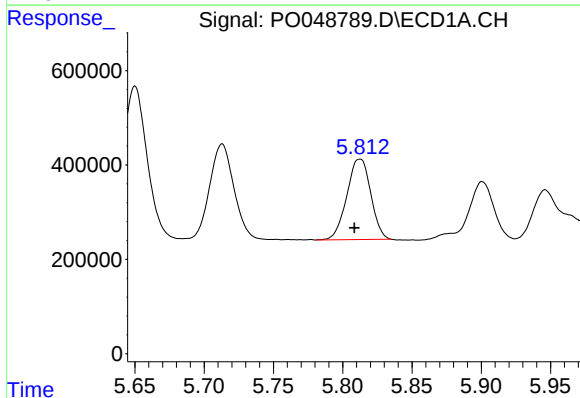
R.T.: 5.650 min
Delta R.T.: 0.003 min
Response: 3844379
Conc: 1385.82 ng/ml

Instrument :
ECD_O
ClientSampleId :



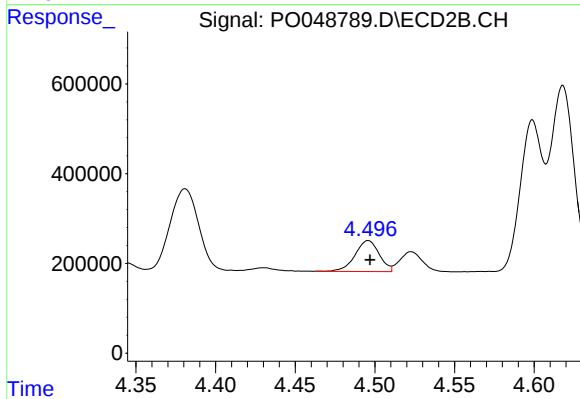
#11 AR-1232-1

R.T.: 4.381 min
Delta R.T.: -0.001 min
Response: 2261019
Conc: 1172.75 ng/ml



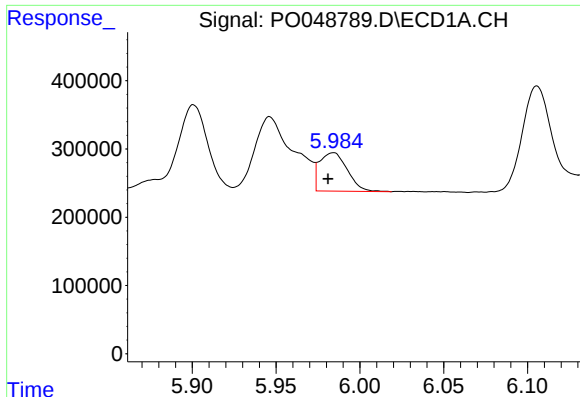
#12 AR-1232-2

R.T.: 5.812 min
Delta R.T.: 0.004 min
Response: 2050744
Conc: 1381.31 ng/ml



#12 AR-1232-2

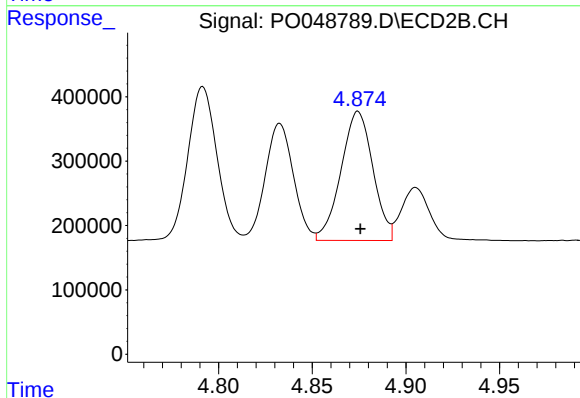
R.T.: 4.496 min
Delta R.T.: -0.001 min
Response: 726500
Conc: 1093.50 ng/ml



#13 AR-1232-3

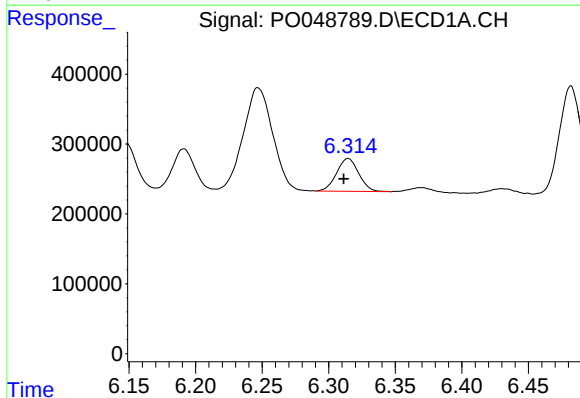
R.T.: 5.984 min
Delta R.T.: 0.003 min
Response: 646569
Conc: 1504.35 ng/ml

Instrument :
ECD_O
ClientSampleId :



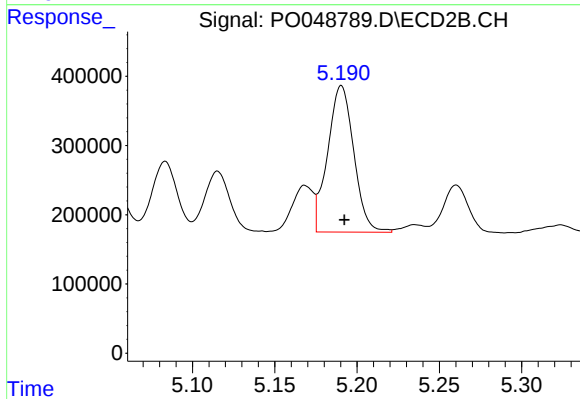
#13 AR-1232-3

R.T.: 4.874 min
Delta R.T.: -0.001 min
Response: 2376807
Conc: 1364.79 ng/ml



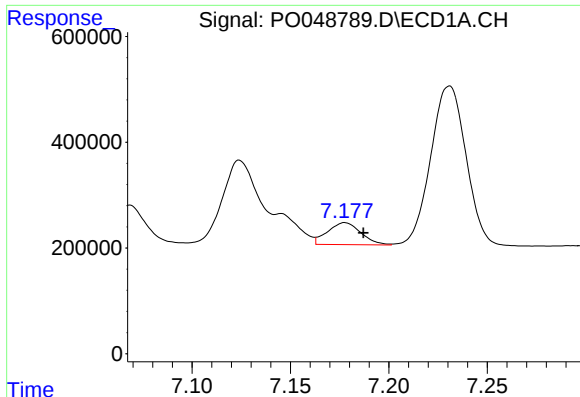
#14 AR-1232-4

R.T.: 6.315 min
Delta R.T.: 0.003 min
Response: 543444
Conc: 1371.80 ng/ml



#14 AR-1232-4

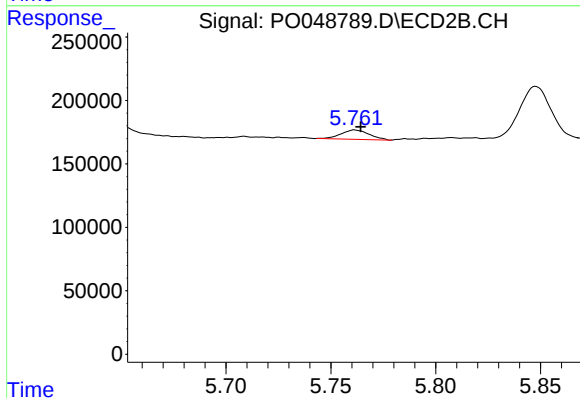
R.T.: 5.190 min
Delta R.T.: -0.002 min
Response: 2341777
Conc: 1266.37 ng/ml



#15 AR-1232-5

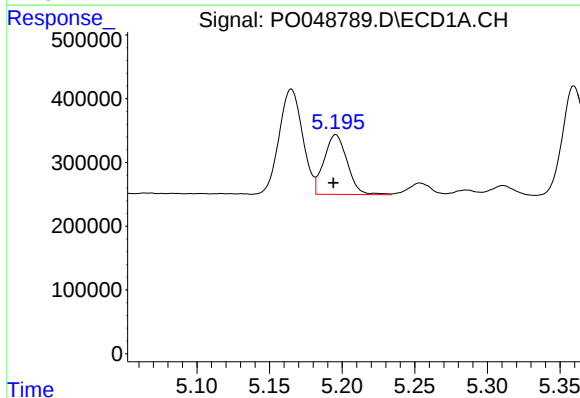
R.T.: 7.178 min
Delta R.T.: -0.009 min
Response: 491688
Conc: 2091.77 ng/ml

Instrument :
ECD_O
ClientSampleId :



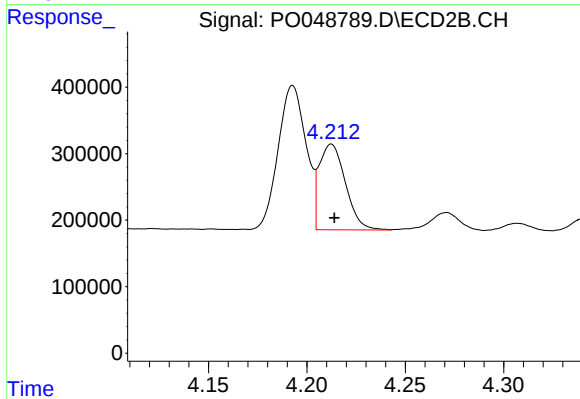
#15 AR-1232-5

R.T.: 5.762 min
Delta R.T.: -0.003 min
Response: 69396
Conc: 276.97 ng/ml



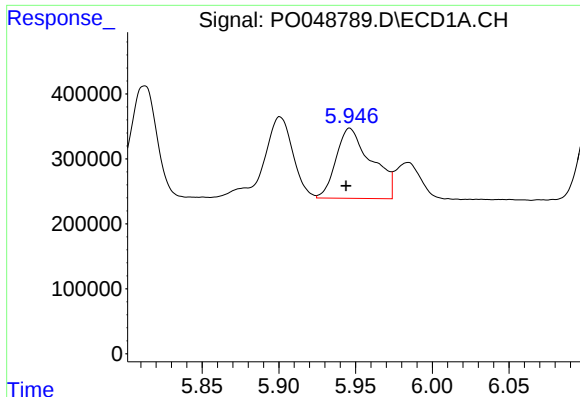
#16 AR-1242-1

R.T.: 5.196 min
Delta R.T.: 0.002 min
Response: 1041773
Conc: 699.03 ng/ml



#16 AR-1242-1

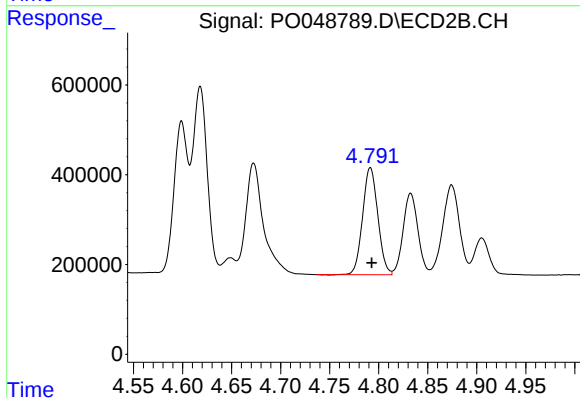
R.T.: 4.213 min
Delta R.T.: -0.002 min
Response: 1198460
Conc: 610.64 ng/ml



#17 AR-1242-2

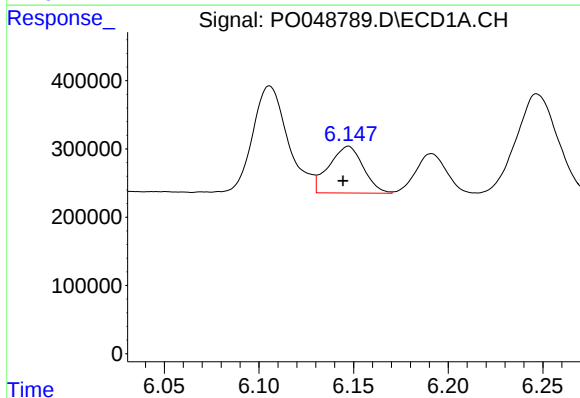
R.T.: 5.946 min
Delta R.T.: 0.002 min
Response: 1739441
Conc: 605.55 ng/ml

Instrument :
ECD_O
ClientSampleId :



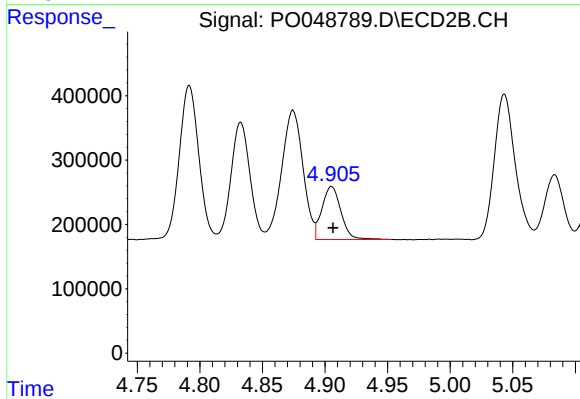
#17 AR-1242-2

R.T.: 4.792 min
Delta R.T.: -0.001 min
Response: 2573886
Conc: 636.22 ng/ml



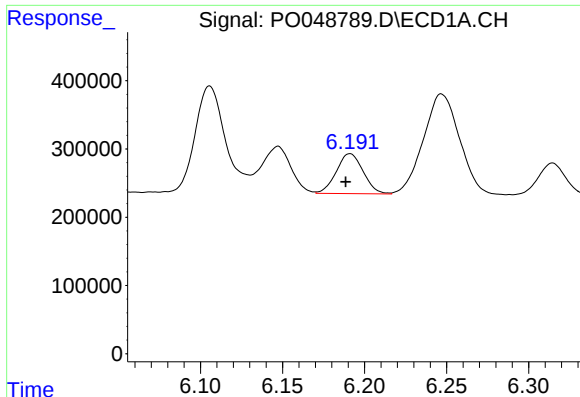
#18 AR-1242-3

R.T.: 6.147 min
Delta R.T.: 0.003 min
Response: 862032
Conc: 602.33 ng/ml



#18 AR-1242-3

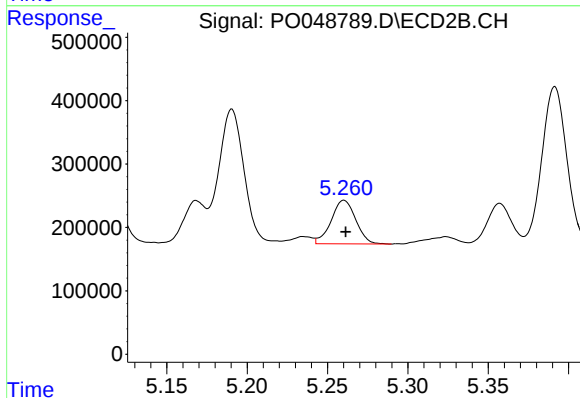
R.T.: 4.905 min
Delta R.T.: -0.001 min
Response: 869865
Conc: 607.55 ng/ml



#19 AR-1242-4

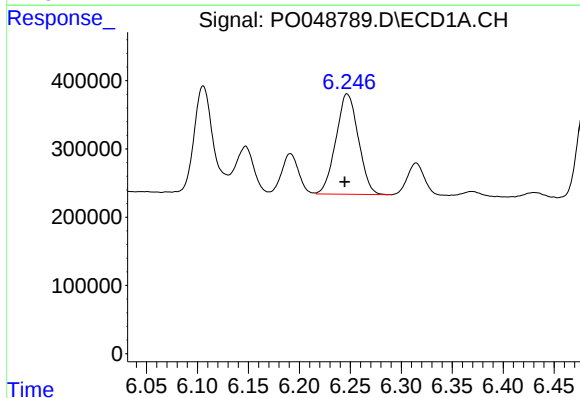
R.T.: 6.191 min
Delta R.T.: 0.003 min
Response: 665806
Conc: 603.29 ng/ml

Instrument :
ECD_O
ClientSampleId :



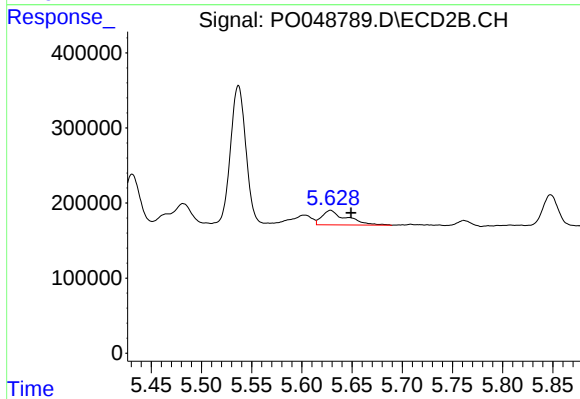
#19 AR-1242-4

R.T.: 5.260 min
Delta R.T.: -0.001 min
Response: 733154
Conc: 605.75 ng/ml



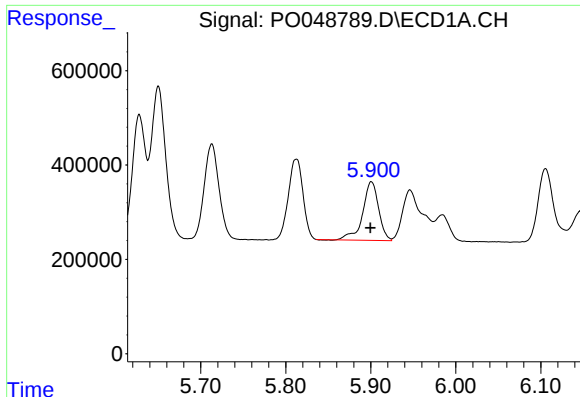
#20 AR-1242-5

R.T.: 6.247 min
Delta R.T.: 0.003 min
Response: 2254339
Conc: 593.05 ng/ml



#20 AR-1242-5

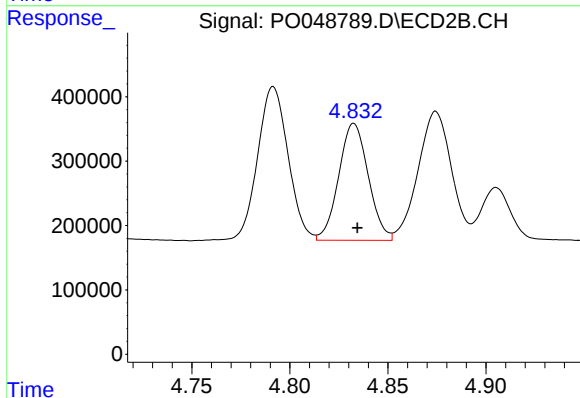
R.T.: 5.629 min
Delta R.T.: -0.020 min
Response: 330919
Conc: 107.02 ng/ml



#21 AR-1248-1

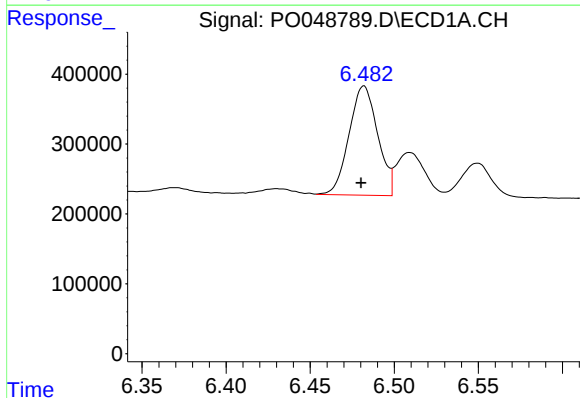
R.T.: 5.901 min
Delta R.T.: 0.001 min
Response: 1615077
Conc: 323.41 ng/ml

Instrument :
ECD_O
ClientSampleId :



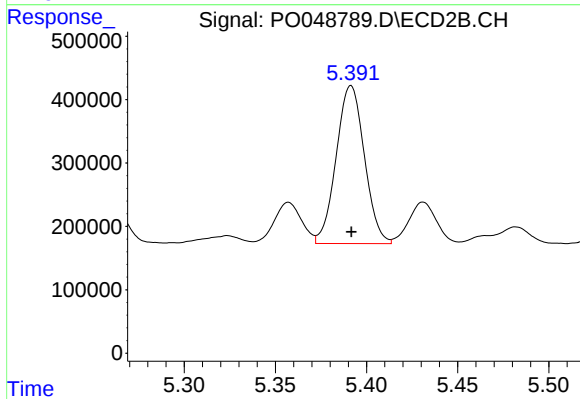
#21 AR-1248-1

R.T.: 4.833 min
Delta R.T.: -0.002 min
Response: 1907863
Conc: 359.30 ng/ml



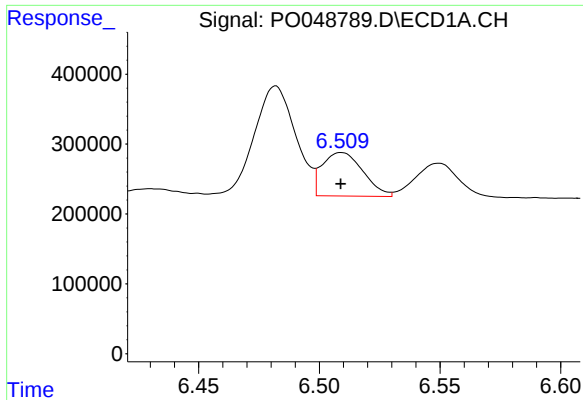
#22 AR-1248-2

R.T.: 6.482 min
Delta R.T.: 0.002 min
Response: 1852303
Conc: 353.94 ng/ml



#22 AR-1248-2

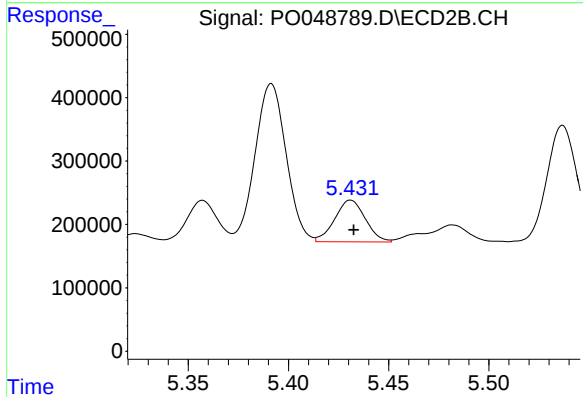
R.T.: 5.391 min
Delta R.T.: 0.000 min
Response: 2690321
Conc: 280.15 ng/ml



#23 AR-1248-3

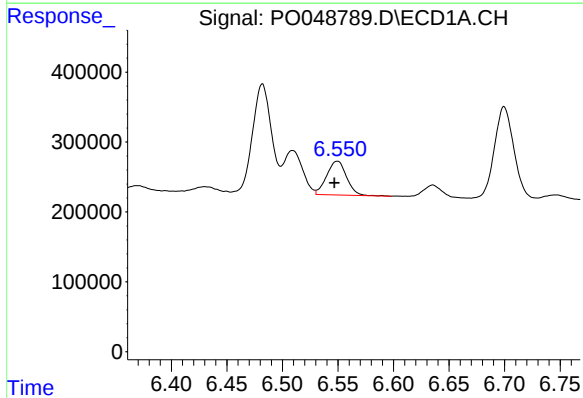
R.T.: 6.509 min
Delta R.T.: 0.000 min
Response: 729712
Conc: 107.20 ng/ml

Instrument :
ECD_O
ClientSampleId :



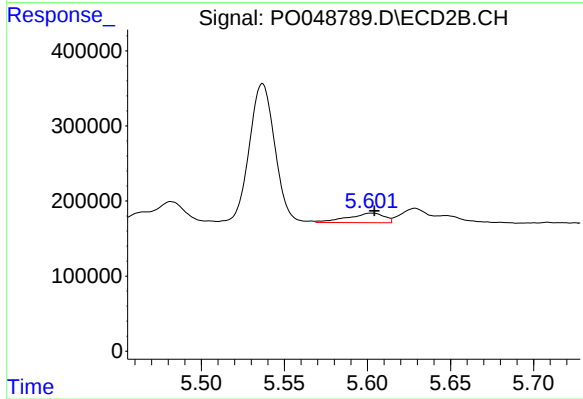
#23 AR-1248-3

R.T.: 5.431 min
Delta R.T.: -0.002 min
Response: 699465
Conc: 102.78 ng/ml



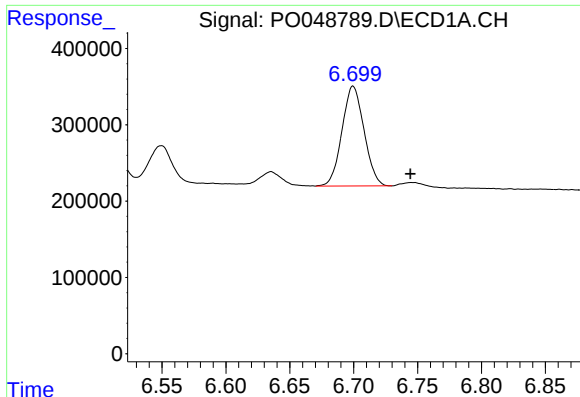
#24 AR-1248-4

R.T.: 6.549 min
Delta R.T.: 0.003 min
Response: 602034
Conc: 91.44 ng/ml



#24 AR-1248-4

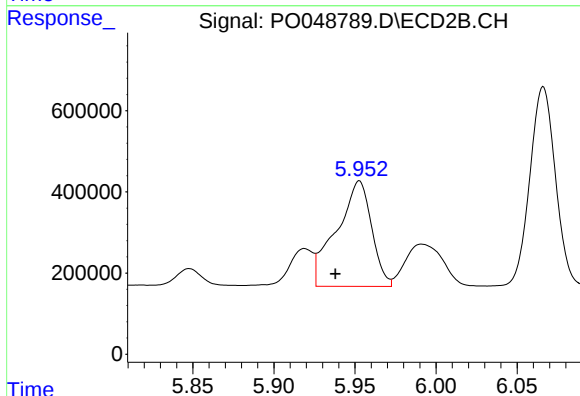
R.T.: 5.602 min
Delta R.T.: -0.002 min
Response: 195082
Conc: 32.11 ng/ml



#25 AR-1248-5

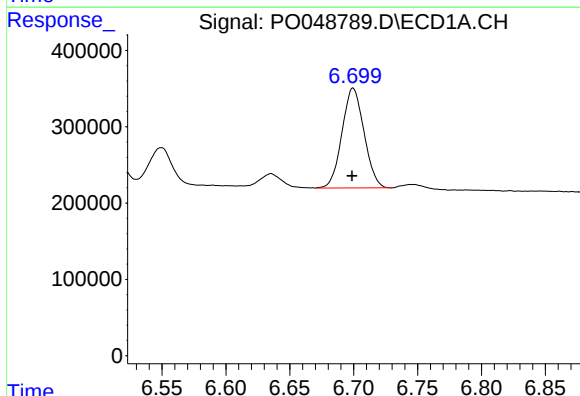
R.T.: 6.700 min
Delta R.T.: -0.045 min
Response: 1573060
Conc: 345.96 ng/ml

Instrument :
ECD_O
ClientSampleId :



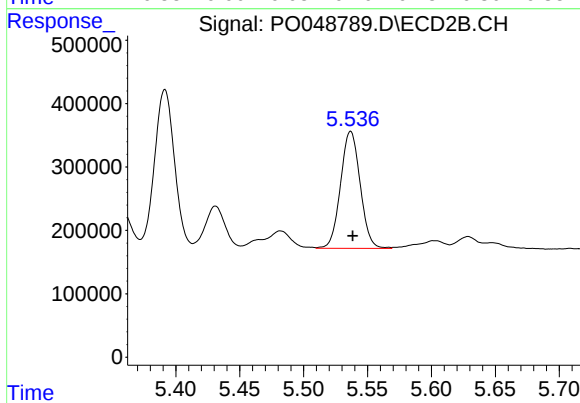
#25 AR-1248-5

R.T.: 5.953 min
Delta R.T.: 0.015 min
Response: 3914832
Conc: 841.14 ng/ml



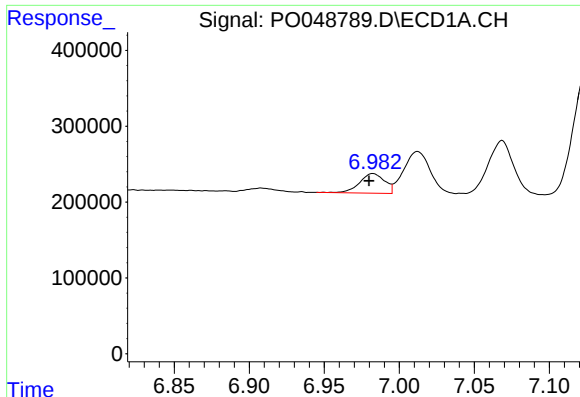
#26 AR-1254-1

R.T.: 6.700 min
Delta R.T.: 0.000 min
Response: 1573060
Conc: 138.85 ng/ml



#26 AR-1254-1

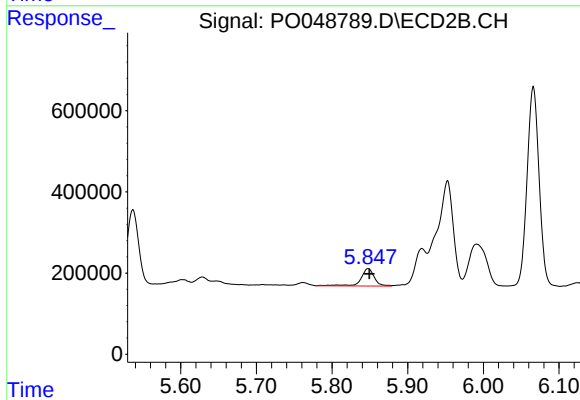
R.T.: 5.537 min
Delta R.T.: -0.002 min
Response: 1974462
Conc: 194.58 ng/ml



#27 AR-1254-2

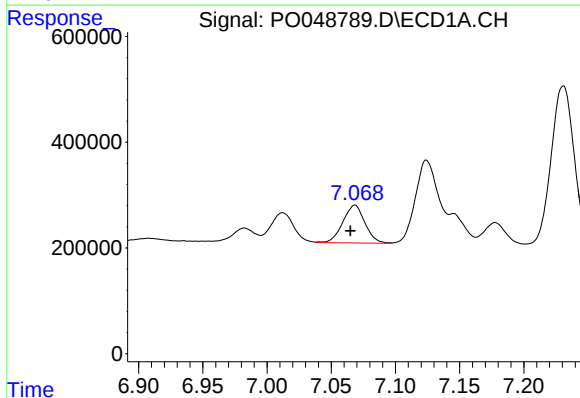
R.T.: 6.982 min
Delta R.T.: 0.003 min
Response: 299879
Conc: 40.83 ng/ml

Instrument :
ECD_O
ClientSampleId :



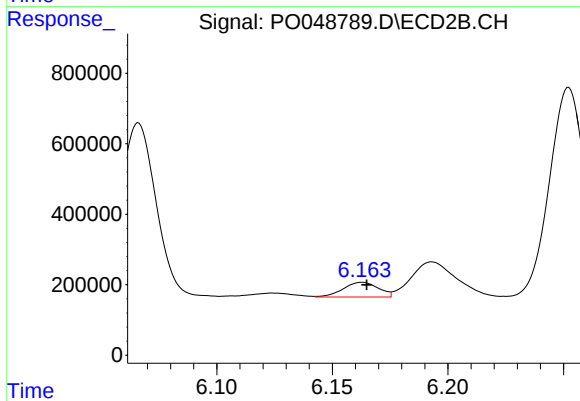
#27 AR-1254-2

R.T.: 5.848 min
Delta R.T.: -0.002 min
Response: 532402
Conc: 60.35 ng/ml



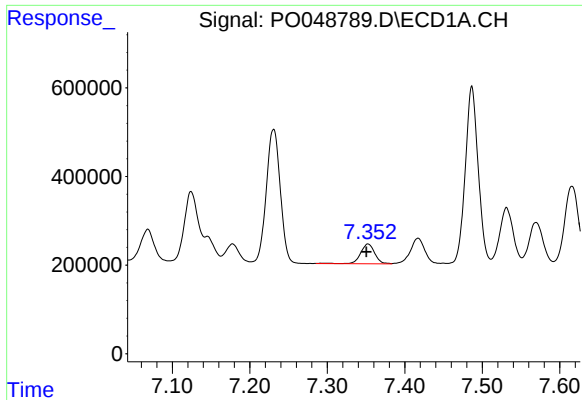
#28 AR-1254-3

R.T.: 7.069 min
Delta R.T.: 0.004 min
Response: 859640
Conc: 67.50 ng/ml



#28 AR-1254-3

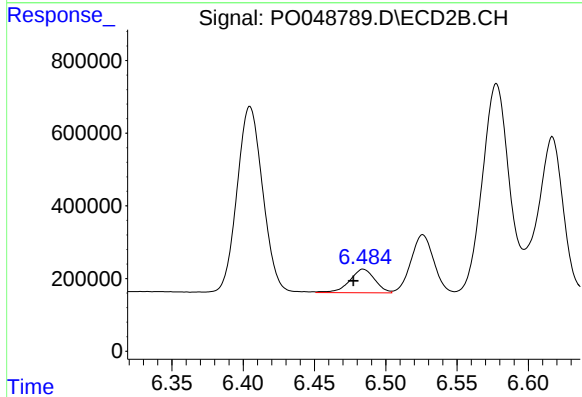
R.T.: 6.163 min
Delta R.T.: -0.002 min
Response: 441990
Conc: 40.10 ng/ml



#29 AR-1254-4

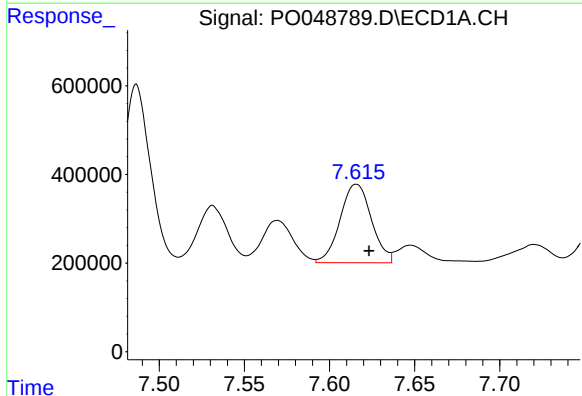
R.T.: 7.353 min
Delta R.T.: 0.002 min
Response: 571664
Conc: 58.96 ng/ml

Instrument :
ECD_O
ClientSampleId :



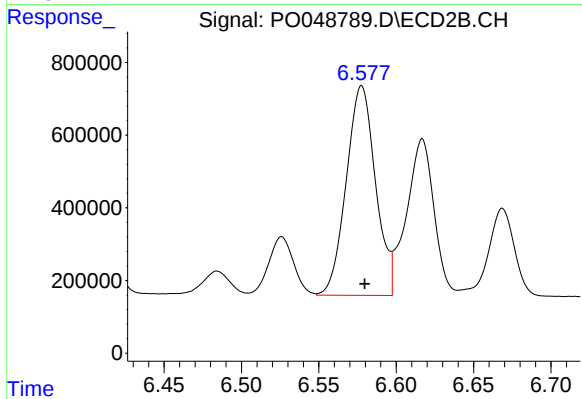
#29 AR-1254-4

R.T.: 6.484 min
Delta R.T.: 0.007 min
Response: 799490
Conc: 98.43 ng/ml



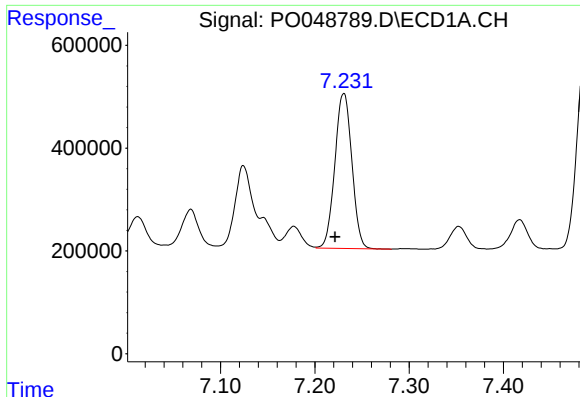
#30 AR-1254-5

R.T.: 7.616 min
Delta R.T.: -0.007 min
Response: 2270495
Conc: 293.77 ng/ml



#30 AR-1254-5

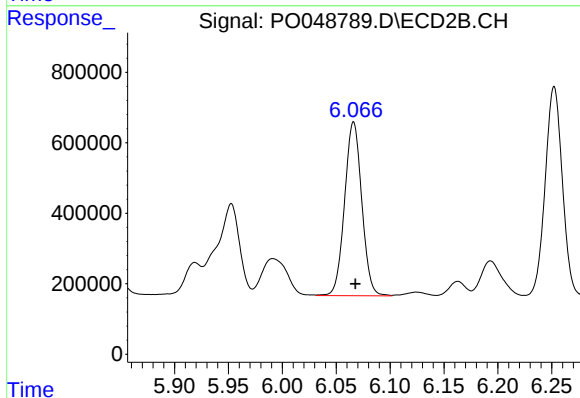
R.T.: 6.578 min
Delta R.T.: -0.002 min
Response: 7585861
Conc: 500.52 ng/ml



#31 AR-1260-1

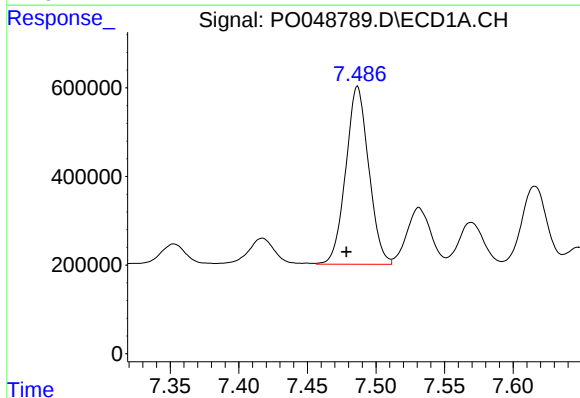
R.T.: 7.231 min
Delta R.T.: 0.009 min
Response: 3774387
Conc: 458.12 ng/ml

Instrument :
ECD_O
ClientSampleId :



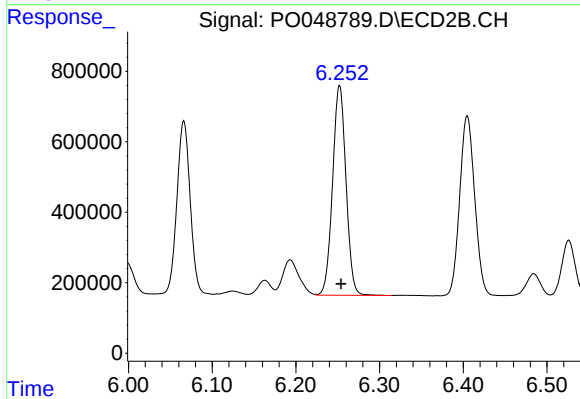
#31 AR-1260-1

R.T.: 6.066 min
Delta R.T.: -0.002 min
Response: 5477195
Conc: 526.14 ng/ml



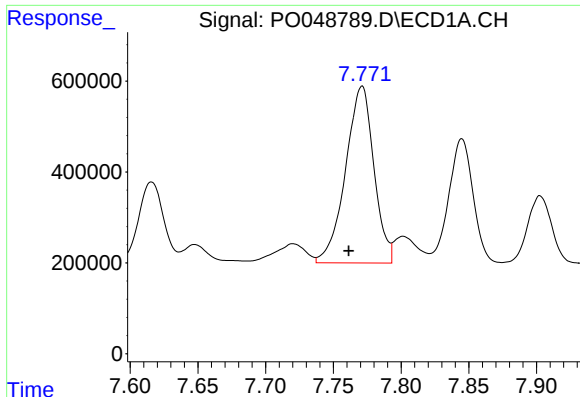
#32 AR-1260-2

R.T.: 7.487 min
Delta R.T.: 0.008 min
Response: 4679636
Conc: 476.22 ng/ml



#32 AR-1260-2

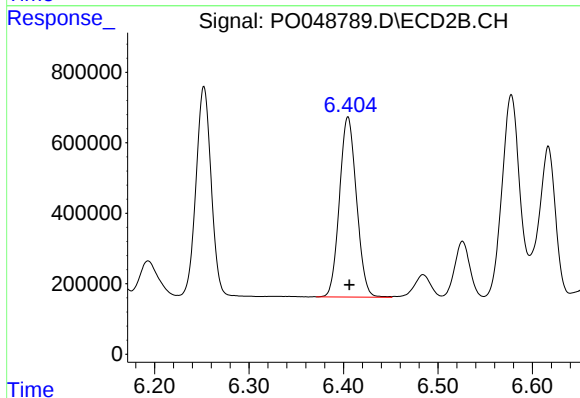
R.T.: 6.252 min
Delta R.T.: -0.002 min
Response: 6633841
Conc: 529.75 ng/ml



#33 AR-1260-3

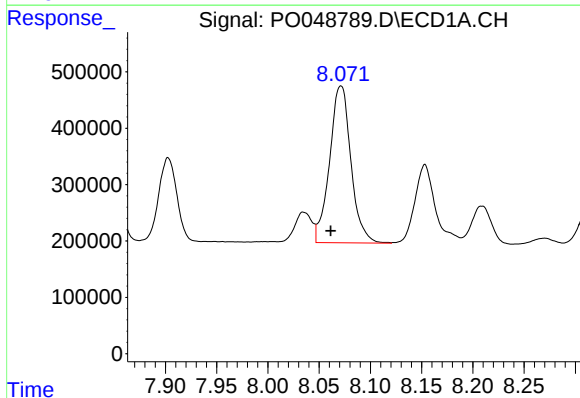
R.T.: 7.771 min
Delta R.T.: 0.010 min
Response: 5670665
Conc: 475.24 ng/ml

Instrument :
ECD_O
ClientSampleId :



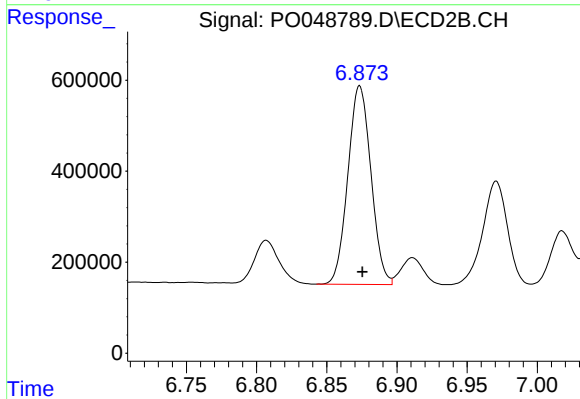
#33 AR-1260-3

R.T.: 6.405 min
Delta R.T.: -0.002 min
Response: 6396531
Conc: 539.14 ng/ml



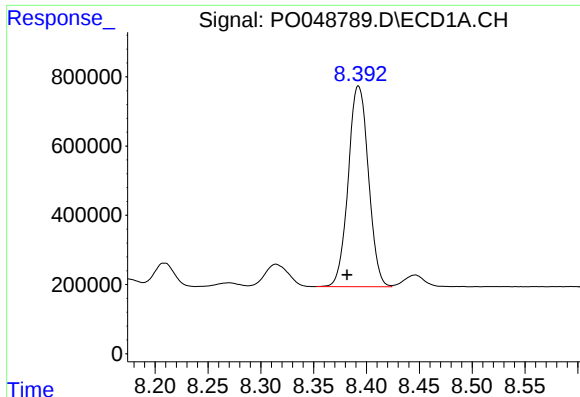
#34 AR-1260-4

R.T.: 8.071 min
Delta R.T.: 0.010 min
Response: 4032777
Conc: 469.86 ng/ml



#34 AR-1260-4

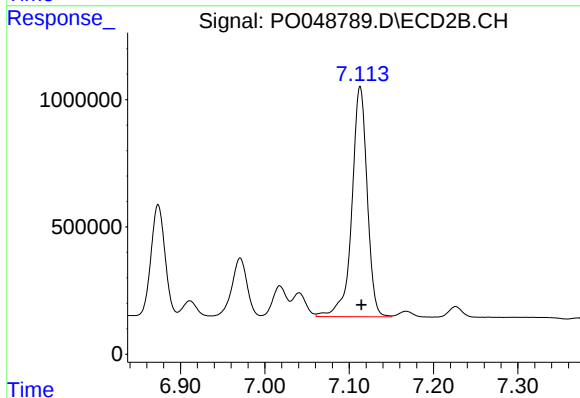
R.T.: 6.873 min
Delta R.T.: -0.002 min
Response: 4998917
Conc: 528.37 ng/ml



#35 AR-1260-5

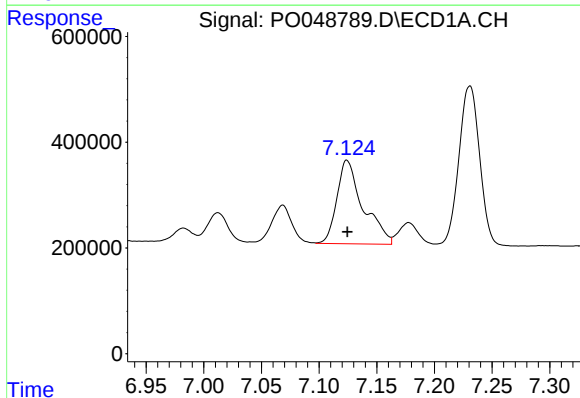
R.T.: 8.392 min
Delta R.T.: 0.011 min
Response: 7709799
Conc: 464.40 ng/ml

Instrument :
ECD_O
ClientSampleId :



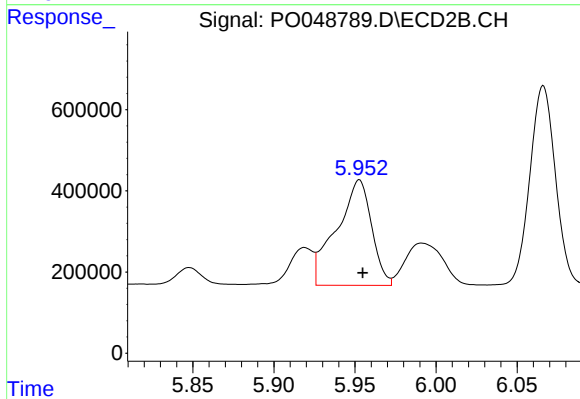
#35 AR-1260-5

R.T.: 7.113 min
Delta R.T.: -0.002 min
Response: 11415700
Conc: 525.71 ng/ml



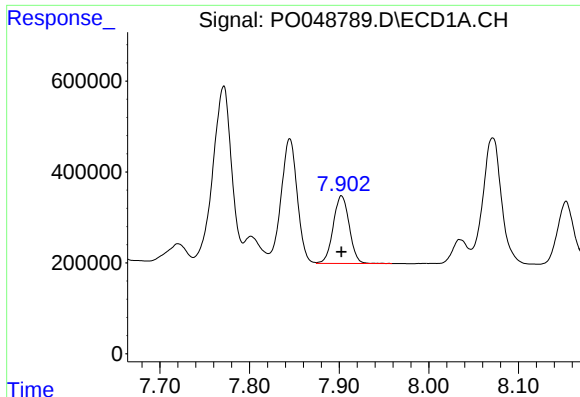
#36 AR-1262-1

R.T.: 7.124 min
Delta R.T.: 0.000 min
Response: 2485388
Conc: 509.02 ng/ml



#36 AR-1262-1

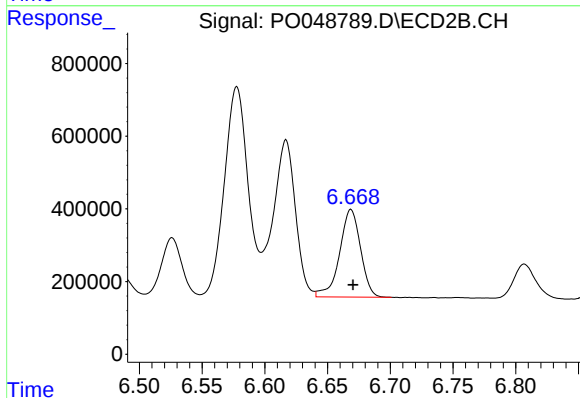
R.T.: 5.953 min
Delta R.T.: -0.002 min
Response: 3914832
Conc: 711.20 ng/ml



#37 AR-1262-2

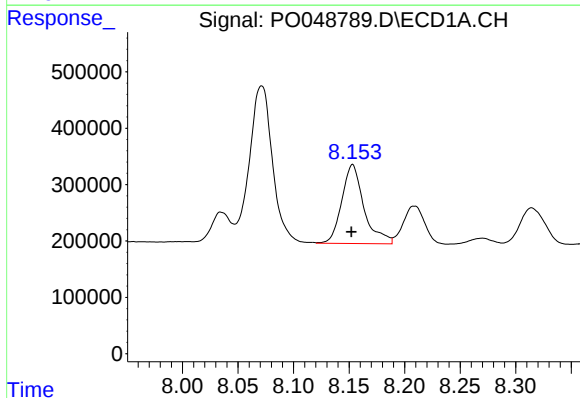
R.T.: 7.903 min
Delta R.T.: 0.000 min
Response: 1846907
Conc: 425.07 ng/ml

Instrument :
ECD_O
ClientSampleId :



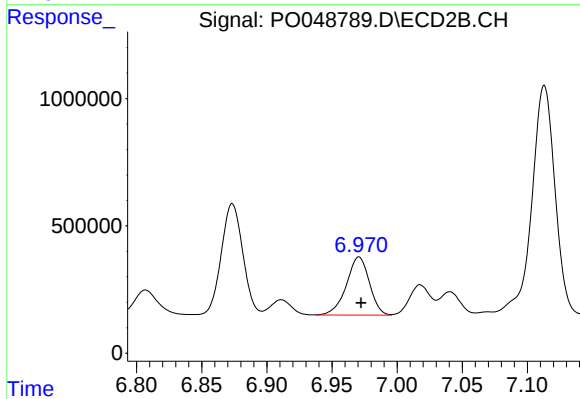
#37 AR-1262-2

R.T.: 6.669 min
Delta R.T.: -0.002 min
Response: 2804481
Conc: 517.89 ng/ml



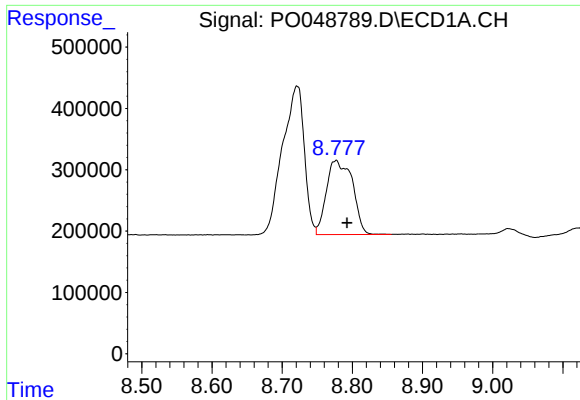
#38 AR-1262-3

R.T.: 8.153 min
Delta R.T.: 0.001 min
Response: 1950095
Conc: 401.40 ng/ml



#38 AR-1262-3

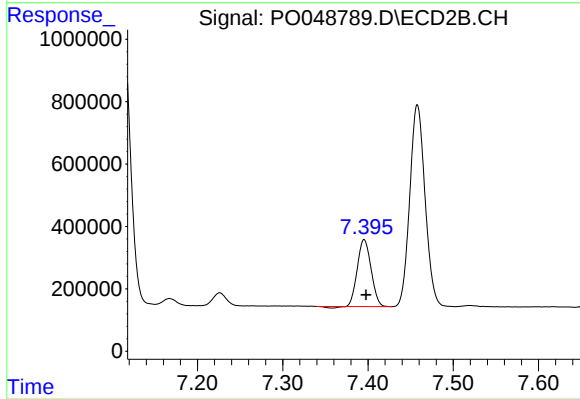
R.T.: 6.971 min
Delta R.T.: -0.002 min
Response: 2812900
Conc: 471.55 ng/ml



#39 AR-1262-4

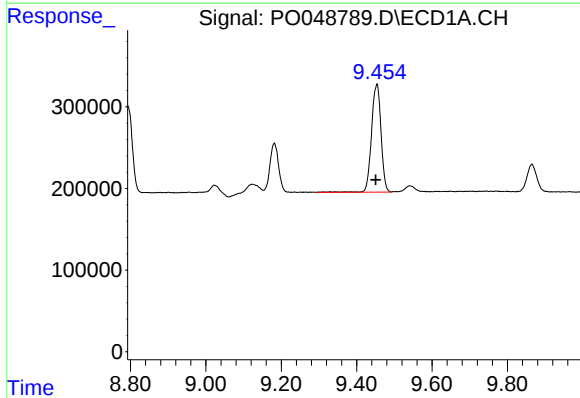
R.T.: 8.777 min
Delta R.T.: -0.015 min
Response: 3113768
Conc: 591.53 ng/ml

Instrument :
ECD_O
ClientSampleId :



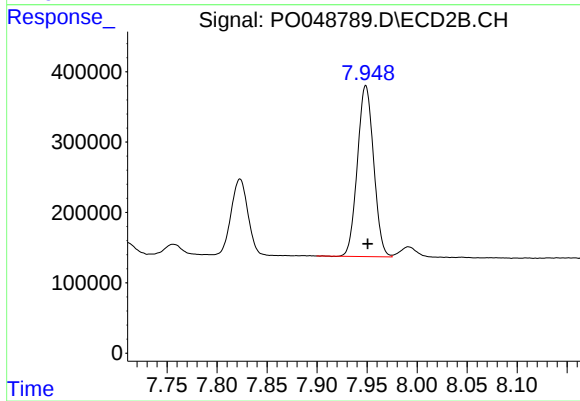
#39 AR-1262-4

R.T.: 7.396 min
Delta R.T.: -0.002 min
Response: 2382680
Conc: 268.42 ng/ml



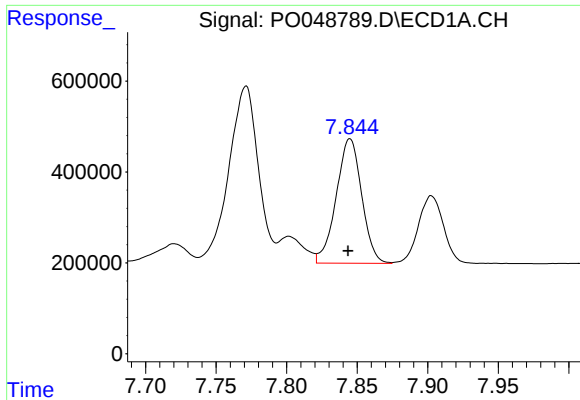
#40 AR-1262-5

R.T.: 9.454 min
Delta R.T.: 0.004 min
Response: 2317428
Conc: 345.08 ng/ml



#40 AR-1262-5

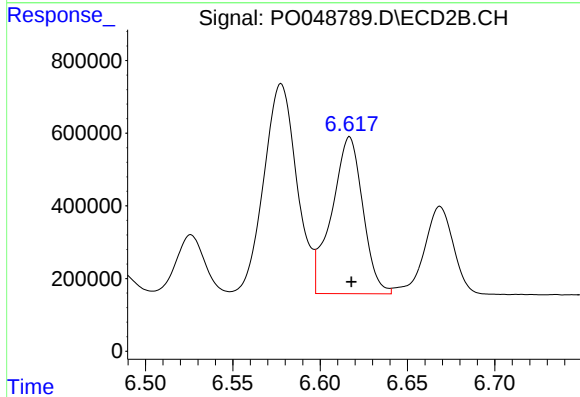
R.T.: 7.949 min
Delta R.T.: -0.002 min
Response: 2747386
Conc: 363.23 ng/ml



#41 AR-1268-1

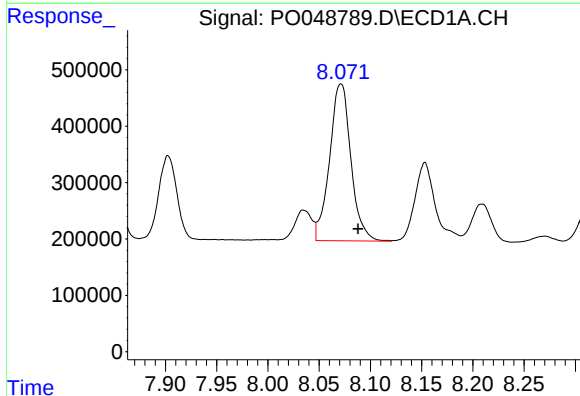
R.T.: 7.845 min
Delta R.T.: 0.002 min
Response: 3445358
Conc: 806.67 ng/ml

Instrument :
ECD_O
ClientSampleId :



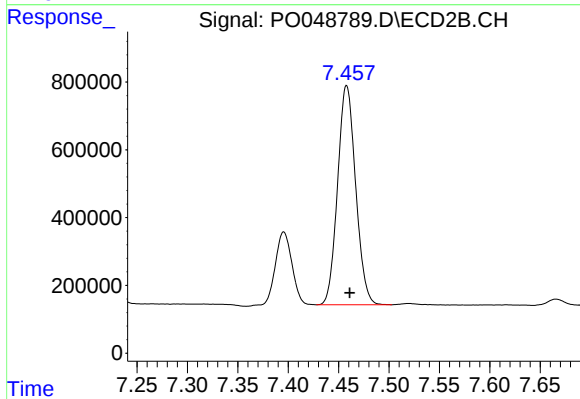
#41 AR-1268-1

R.T.: 6.617 min
Delta R.T.: 0.000 min
Response: 5354020
Conc: 981.08 ng/ml



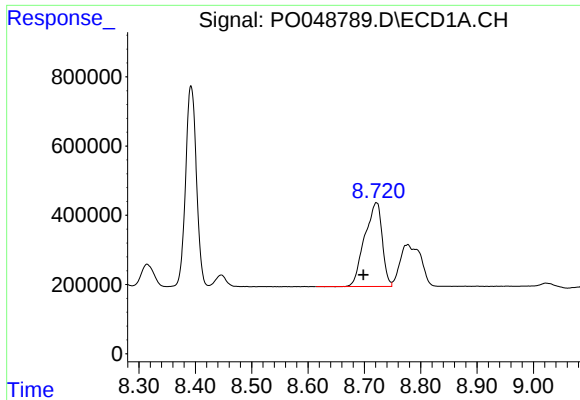
#42 AR-1268-2

R.T.: 8.071 min
Delta R.T.: -0.017 min
Response: 4032777
Conc: 739.26 ng/ml



#42 AR-1268-2

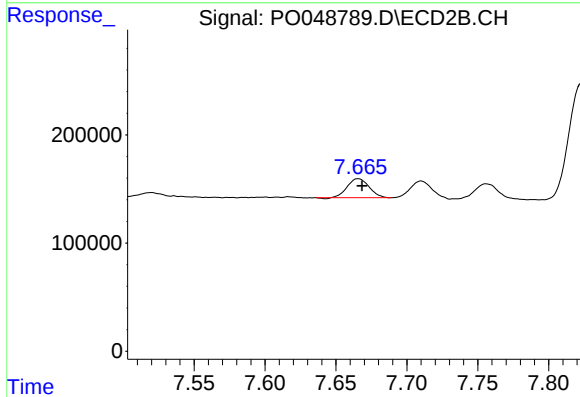
R.T.: 7.458 min
Delta R.T.: -0.003 min
Response: 8063166
Conc: 339.15 ng/ml



#43 AR-1268-3

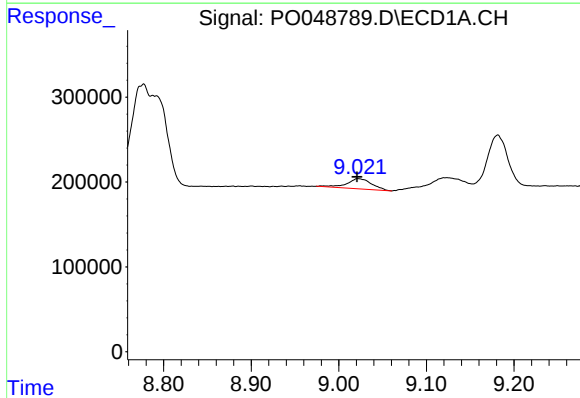
R.T.: 8.722 min
Delta R.T.: 0.023 min
Response: 5222845
Conc: 236.25 ng/ml

Instrument :
ECD_O
ClientSampleId :



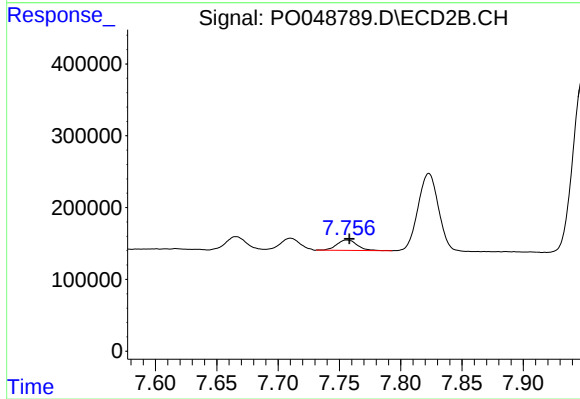
#43 AR-1268-3

R.T.: 7.666 min
Delta R.T.: -0.003 min
Response: 186406
Conc: 9.52 ng/ml



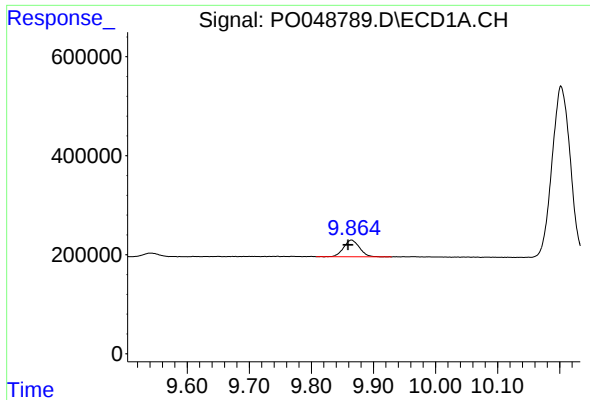
#44 AR-1268-4

R.T.: 9.022 min
Delta R.T.: 0.001 min
Response: 235786
Conc: 13.84 ng/ml



#44 AR-1268-4

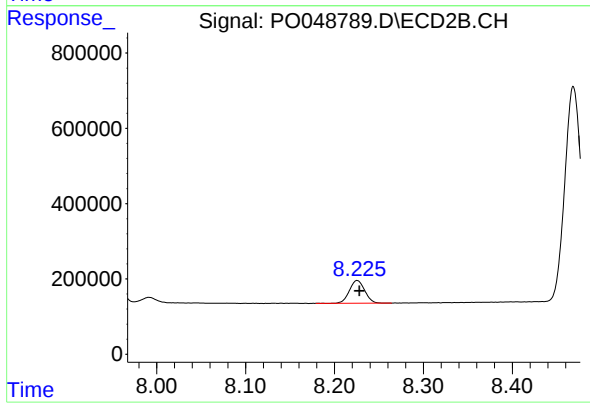
R.T.: 7.756 min
Delta R.T.: -0.002 min
Response: 171419
Conc: 30.52 ng/ml



#45 AR-1268-5

R.T.: 9.865 min
Delta R.T.: 0.005 min
Response: 604769
Conc: 11.67 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.226 min
Delta R.T.: -0.003 min
Response: 722577
Conc: 13.25 ng/ml