

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0092018\
 Data File : P0049193.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 20 Sep 2018 19:43
 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 21 03:22:42 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0091918.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Sep 20 02:02:28 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...	4.393	3.523	11678239	12595871	62.895	60.952
2)	SA Decachlor...	10.104	8.457	12163862	9421598	44.251	46.023
Target Compounds							
3)	L1 AR-1016-1	5.103	4.186	2907755	3386046	616.666	591.659
4)	L1 AR-1016-2	5.297	4.592	2955825	5010197	611.021	575.865
5)	L1 AR-1016-3	5.564	4.611	4711754	6778746	630.192	587.401
6)	L1 AR-1016-4	5.649	4.666	4052711	4647478	623.425	578.721
7)	L1 AR-1016-5	6.042	5.036	3356531	3894304	623.751	562.595
8)	L2 AR-1221-1	4.600	3.734	333867	452505	167.924	186.232
9)	L2 AR-1221-2	4.691	3.819	510360	670672	353.829	372.465
10)	L2 AR-1221-3	4.767	3.893	2129123	2397960	422.162	429.260
11)	L3 AR-1232-1	5.493	4.374	591497	3524532	1515.029	1505.501
12)	L3 AR-1232-2	5.748	4.489	3524801	1177069	1751.316	1373.826
13)	L3 AR-1232-3	5.921	4.867	1110870	3530454	2080.322	1623.535
14)	L3 AR-1232-4	6.251	5.183	949440	3437190	1973.388	1448.793 #
15)	L3 AR-1232-5	7.114	0.000	812794	0	2510.801	N.D. #
16)	L4 AR-1242-1	5.133	4.206	1598934	1904285	790.072	729.886
17)	L4 AR-1242-2	5.883	4.784	3043768	3780699	819.979	700.151
18)	L4 AR-1242-3	6.083	4.898	1402620	1240487	787.785	691.650
19)	L4 AR-1242-4	6.128	5.253	1035300	1089330	758.188	686.355
20)	L4 AR-1242-5	6.184	5.619	3792567	129104	798.569	30.946 #
21)	L5 AR-1248-1	5.838	4.826	2930835	2867144	484.833	411.014
22)	L5 AR-1248-2	6.419	5.384	3147739	3793321	490.074	291.888 #
23)	L5 AR-1248-3	6.446	5.424	1247996	1014876	148.252	109.697 #
24)	L5 AR-1248-4	6.485	5.595	1010105	122959	127.905	15.150 #
25)	L5 AR-1248-5	6.683	5.944	158379	5079181	30.481	828.430 #
26)	L6 AR-1254-1	6.637	5.529	2726771	2627755	184.267	214.173
27)	L6 AR-1254-2	6.919	5.839	446396	561268	48.665	52.448
28)	L6 AR-1254-3	7.005	6.155	1294479	540136	79.227	39.265 #
29)	L6 AR-1254-4	7.290	6.475	949407	906010	73.992	88.475
30)	L6 AR-1254-5	7.553	6.568	3125501	8999845	338.098	464.150 #
31)	L7 AR-1260-1	7.167	6.058	6151137	6915843	549.917	480.974
32)	L7 AR-1260-2	7.425	6.244	7443515	8317322	554.756	469.138
33)	L7 AR-1260-3	7.708	6.396	8299953	7684215	539.434	466.831
34)	L7 AR-1260-4	8.009	6.864	5686821	5885915	519.679	441.751
35)	L7 AR-1260-5	8.326	7.104	12173011	13698199	507.795	437.297
36)	L8 AR-1262-1	7.061	5.944	4108789	5079181	629.119	711.595
37)	L8 AR-1262-2	7.841	6.660	2785887	3468719	518.326	472.777
38)	L8 AR-1262-3	8.090	6.961	2795829	3379381	486.547	434.994
39)	L8 AR-1262-4	8.721	7.386	1934649	3015457	140.976	247.519 #
40)	L8 AR-1262-5	9.368	7.939	3440734	3266126	330.291	321.053
41)	L9 AR-1268-1	7.783	6.607	5471813	6719966	947.694	917.815

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0092018\
Data File : P0049193.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 Sep 2018 19:43
Operator : SM/SJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

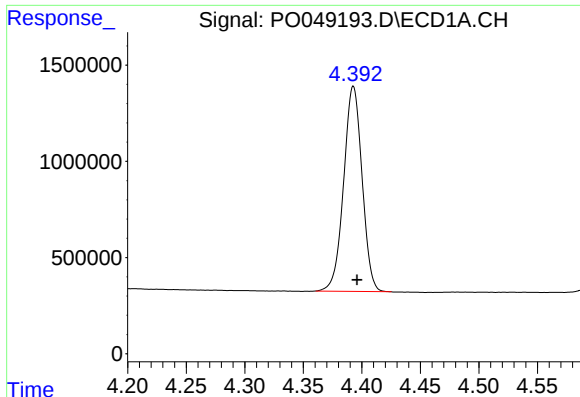
Instrument :
ECD_O
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 21 03:22:42 2018
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0091918.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Sep 20 02:02:28 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
42)	L9 AR-1268-2	8.009	7.448	5686821	9383719	745.271	282.632 #
43)	L9 AR-1268-3	8.649	7.657	7458992	194511	220.166	7.100 #
44)	L9 AR-1268-4	8.948	7.813	178997	1456153	6.253	187.343 #
45)	L9 AR-1268-5	9.776	8.216	963589	911400	10.080	12.293

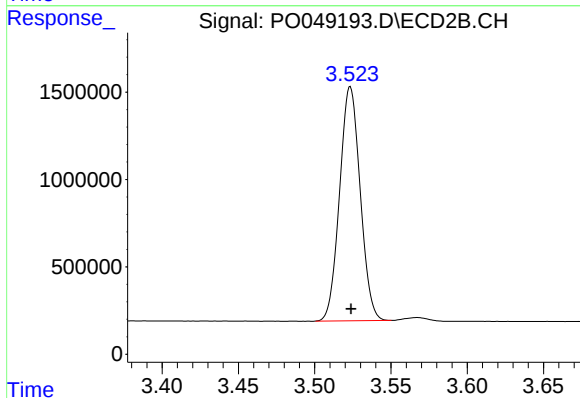
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

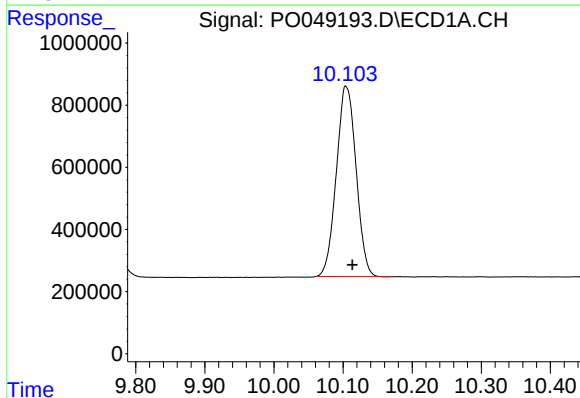
R.T.: 4.393 min
Delta R.T.: -0.003 min
Response: 11678239
Conc: 62.90 ng/ml

Instrument :
ECD_O
ClientSampleId :



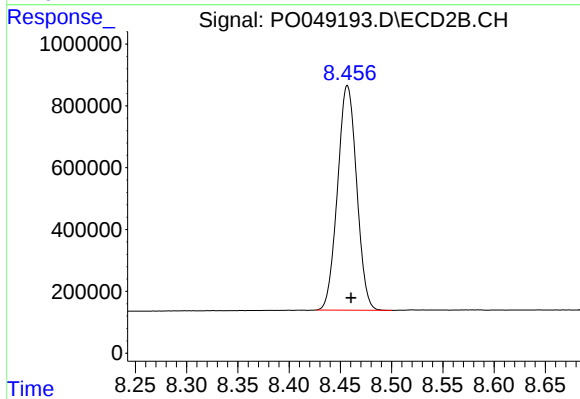
#1 Tetrachloro-m-xylene

R.T.: 3.523 min
Delta R.T.: 0.000 min
Response: 12595871
Conc: 60.95 ng/ml



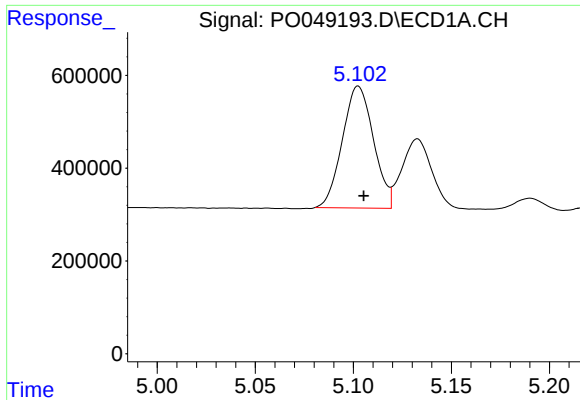
#2 Decachlorobiphenyl

R.T.: 10.104 min
Delta R.T.: -0.009 min
Response: 12163862
Conc: 44.25 ng/ml



#2 Decachlorobiphenyl

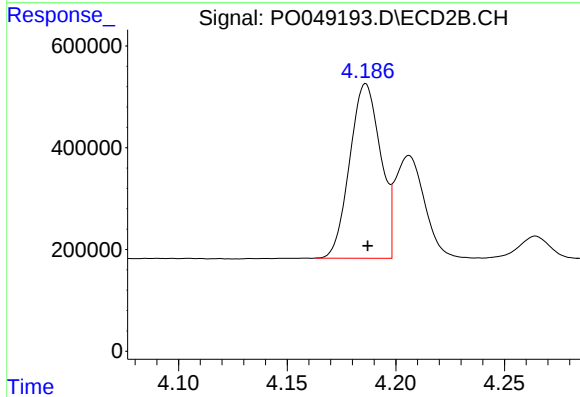
R.T.: 8.457 min
Delta R.T.: -0.004 min
Response: 9421598
Conc: 46.02 ng/ml



#3 AR-1016-1

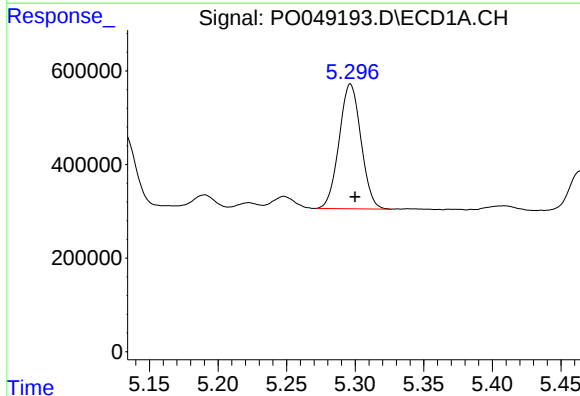
R.T.: 5.103 min
Delta R.T.: -0.003 min
Response: 2907755
Conc: 616.67 ng/ml

Instrument :
ECD_O
ClientSampleId :



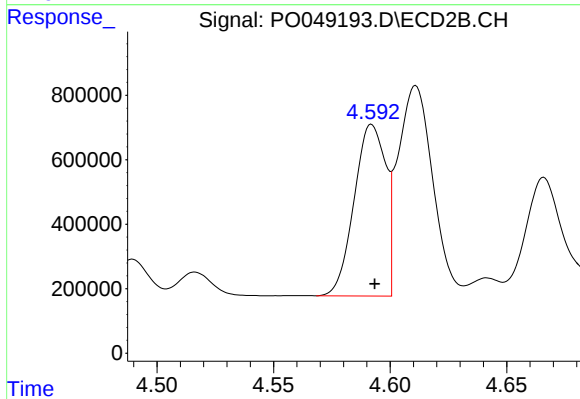
#3 AR-1016-1

R.T.: 4.186 min
Delta R.T.: 0.000 min
Response: 3386046
Conc: 591.66 ng/ml



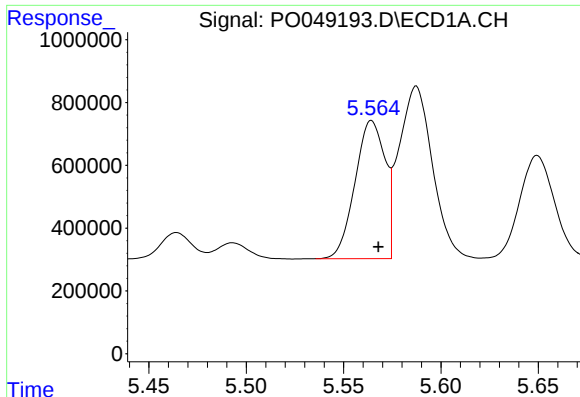
#4 AR-1016-2

R.T.: 5.297 min
Delta R.T.: -0.003 min
Response: 2955825
Conc: 611.02 ng/ml



#4 AR-1016-2

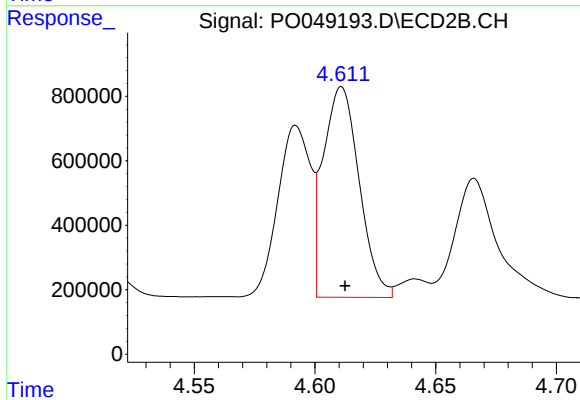
R.T.: 4.592 min
Delta R.T.: -0.001 min
Response: 5010197
Conc: 575.86 ng/ml



#5 AR-1016-3

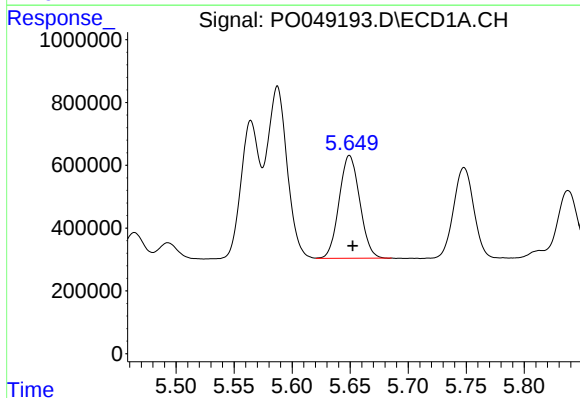
R.T.: 5.564 min
Delta R.T.: -0.004 min
Response: 4711754
Conc: 630.19 ng/ml

Instrument :
ECD_O
ClientSampleId :



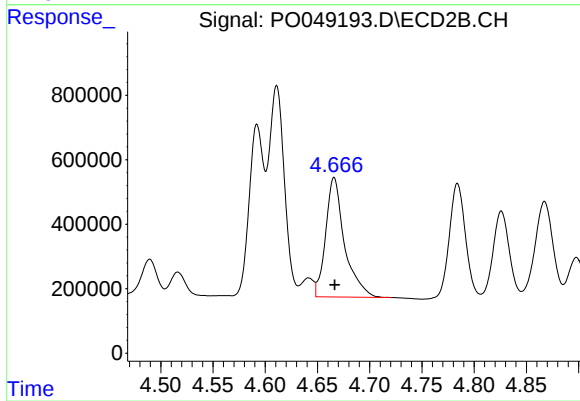
#5 AR-1016-3

R.T.: 4.611 min
Delta R.T.: -0.001 min
Response: 6778746
Conc: 587.40 ng/ml



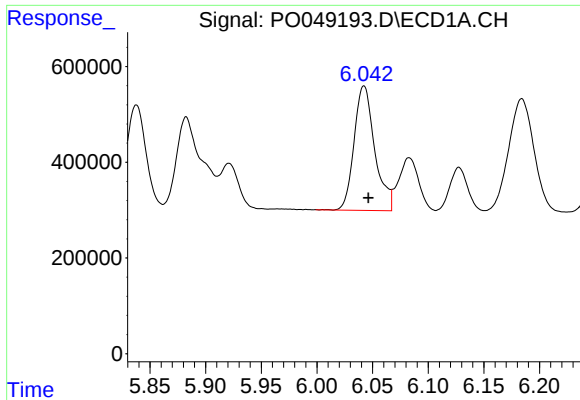
#6 AR-1016-4

R.T.: 5.649 min
Delta R.T.: -0.003 min
Response: 4052711
Conc: 623.42 ng/ml



#6 AR-1016-4

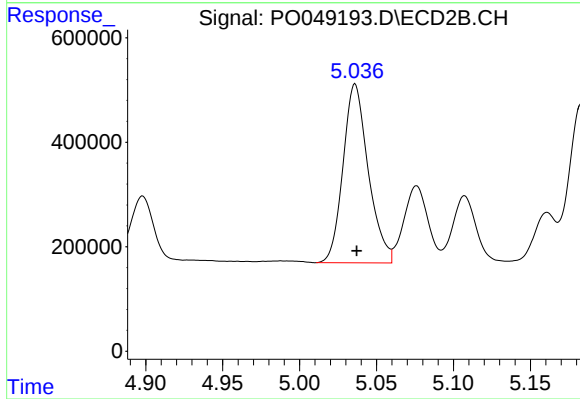
R.T.: 4.666 min
Delta R.T.: 0.000 min
Response: 4647478
Conc: 578.72 ng/ml



#7 AR-1016-5

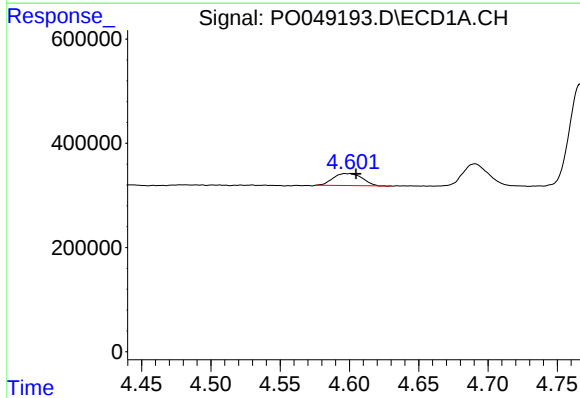
R.T.: 6.042 min
Delta R.T.: -0.004 min
Response: 3356531
Conc: 623.75 ng/ml

Instrument :
ECD_O
ClientSampleId :



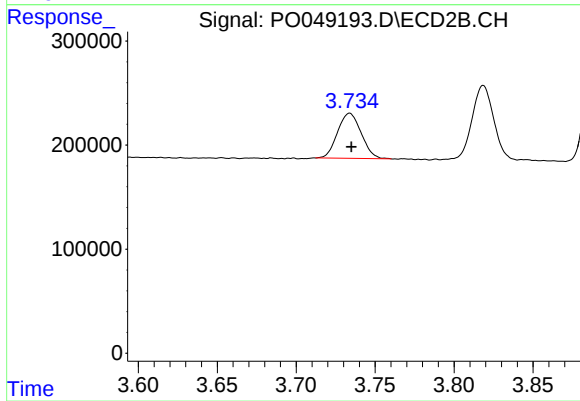
#7 AR-1016-5

R.T.: 5.036 min
Delta R.T.: 0.000 min
Response: 3894304
Conc: 562.60 ng/ml



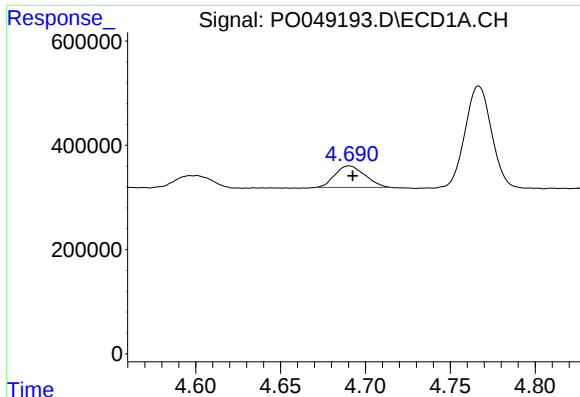
#8 AR-1221-1

R.T.: 4.600 min
Delta R.T.: -0.005 min
Response: 333867
Conc: 167.92 ng/ml



#8 AR-1221-1

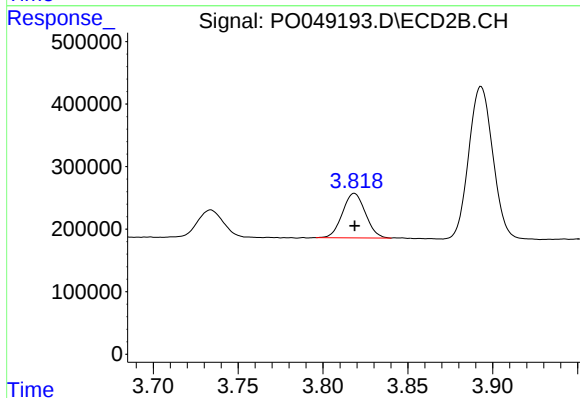
R.T.: 3.734 min
Delta R.T.: -0.001 min
Response: 452505
Conc: 186.23 ng/ml



#9 AR-1221-2

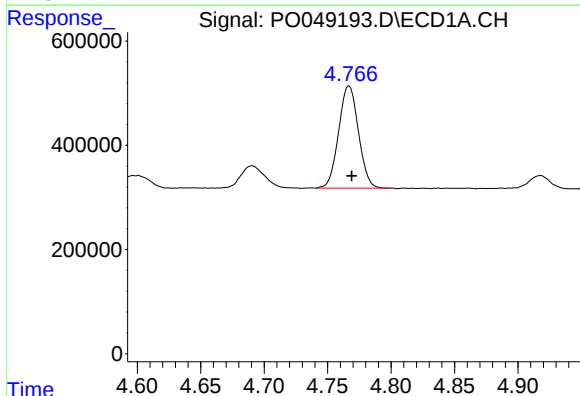
R.T.: 4.691 min
Delta R.T.: -0.002 min
Response: 510360
Conc: 353.83 ng/ml

Instrument :
ECD_O
ClientSampleId :



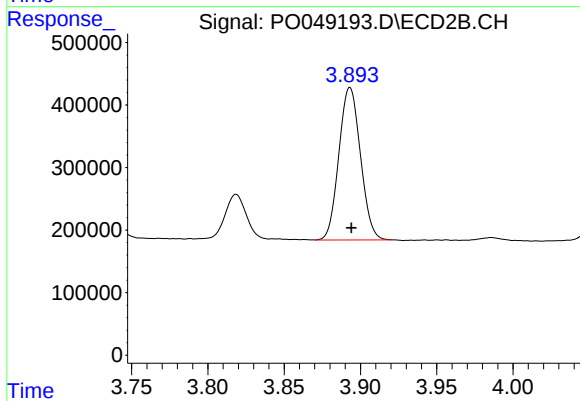
#9 AR-1221-2

R.T.: 3.819 min
Delta R.T.: 0.000 min
Response: 670672
Conc: 372.47 ng/ml



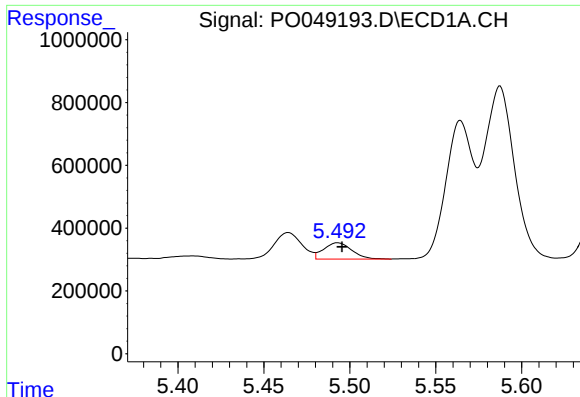
#10 AR-1221-3

R.T.: 4.767 min
Delta R.T.: -0.002 min
Response: 2129123
Conc: 422.16 ng/ml



#10 AR-1221-3

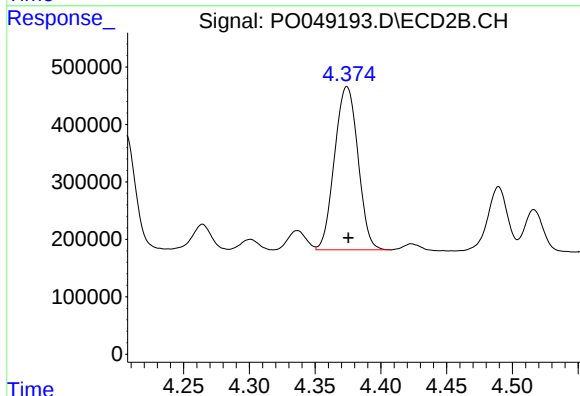
R.T.: 3.893 min
Delta R.T.: 0.000 min
Response: 2397960
Conc: 429.26 ng/ml



#11 AR-1232-1

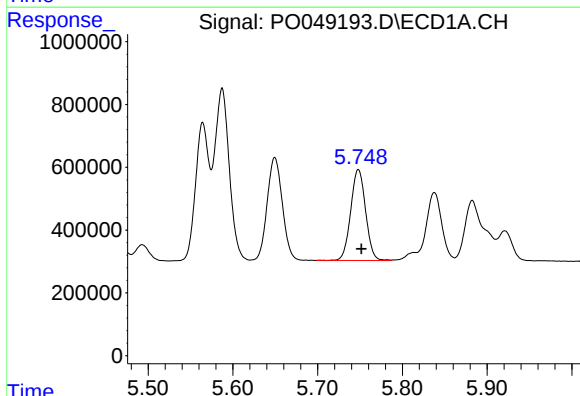
R.T.: 5.493 min
Delta R.T.: -0.003 min
Response: 591497
Conc: 1515.03 ng/ml

Instrument :
ECD_O
ClientSampleId :



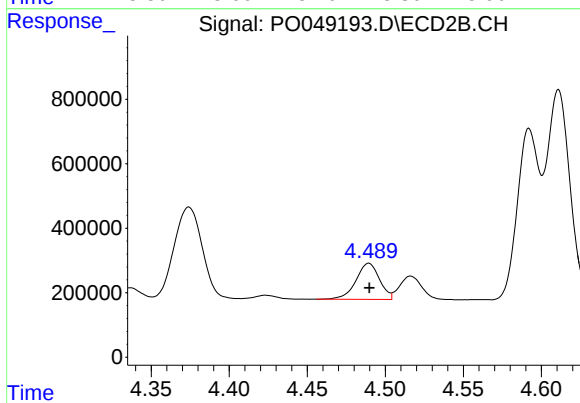
#11 AR-1232-1

R.T.: 4.374 min
Delta R.T.: -0.001 min
Response: 3524532
Conc: 1505.50 ng/ml



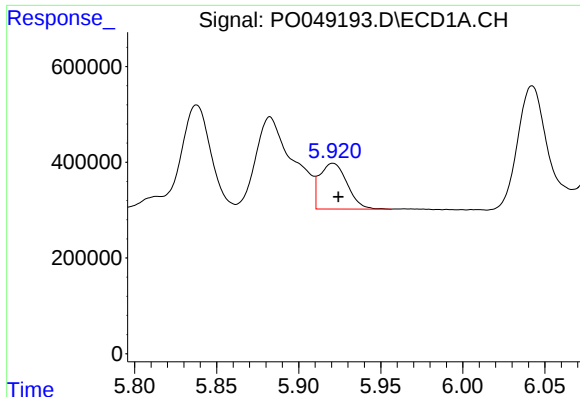
#12 AR-1232-2

R.T.: 5.748 min
Delta R.T.: -0.003 min
Response: 3524801
Conc: 1751.32 ng/ml



#12 AR-1232-2

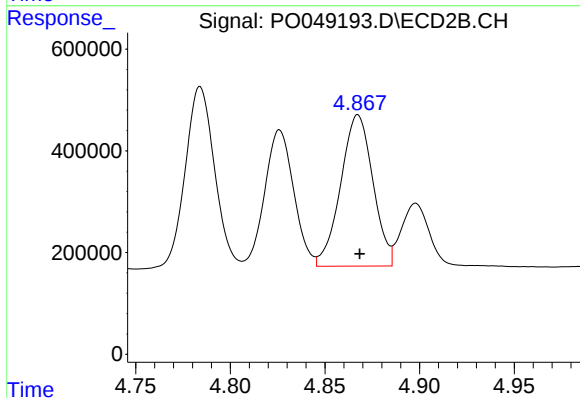
R.T.: 4.489 min
Delta R.T.: 0.000 min
Response: 1177069
Conc: 1373.83 ng/ml



#13 AR-1232-3

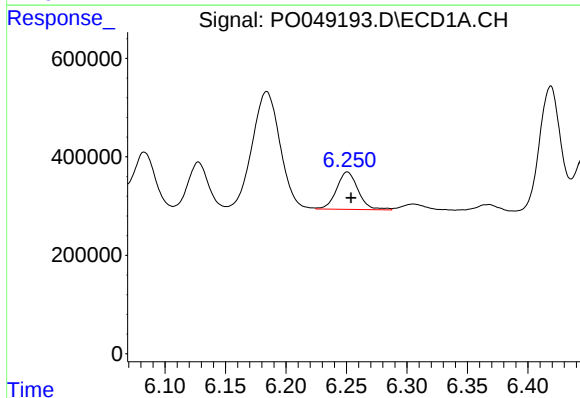
R.T.: 5.921 min
Delta R.T.: -0.003 min
Response: 1110870
Conc: 2080.32 ng/ml

Instrument :
ECD_O
ClientSampleId :



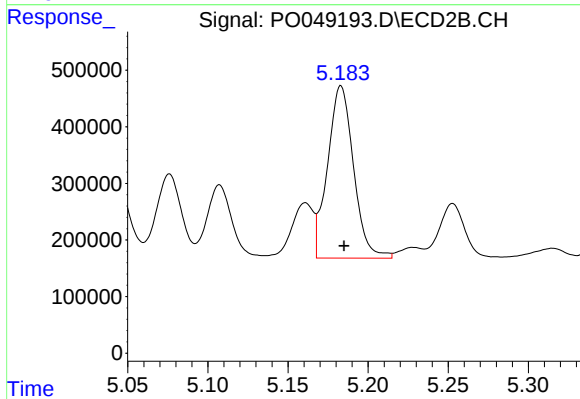
#13 AR-1232-3

R.T.: 4.867 min
Delta R.T.: 0.000 min
Response: 3530454
Conc: 1623.54 ng/ml



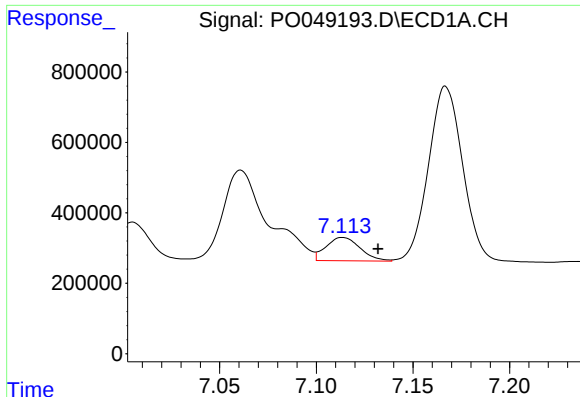
#14 AR-1232-4

R.T.: 6.251 min
Delta R.T.: -0.003 min
Response: 949440
Conc: 1973.39 ng/ml



#14 AR-1232-4

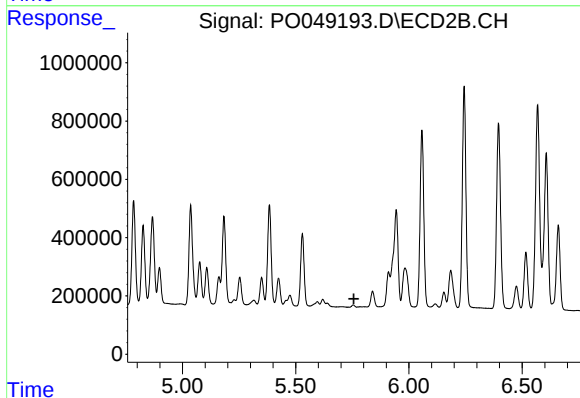
R.T.: 5.183 min
Delta R.T.: -0.002 min
Response: 3437190
Conc: 1448.79 ng/ml



#15 AR-1232-5

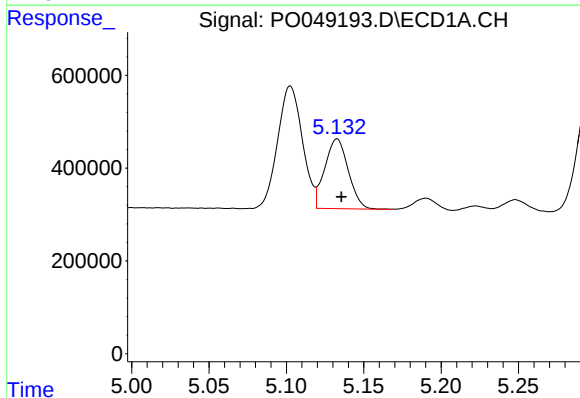
R.T.: 7.114 min
Delta R.T.: -0.018 min
Response: 812794
Conc: 2510.80 ng/ml

Instrument :
ECD_O
ClientSampleId :



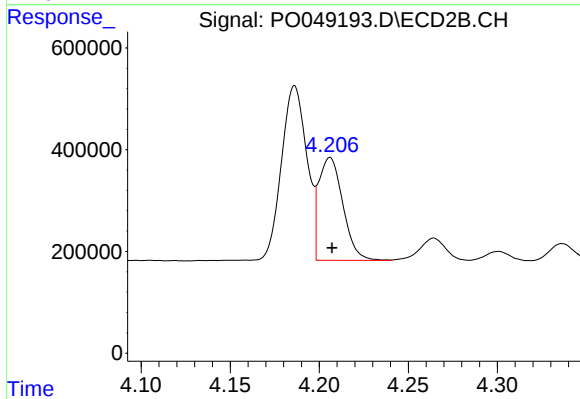
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T. : 5.757 min
Response: 0
Conc: N.D.



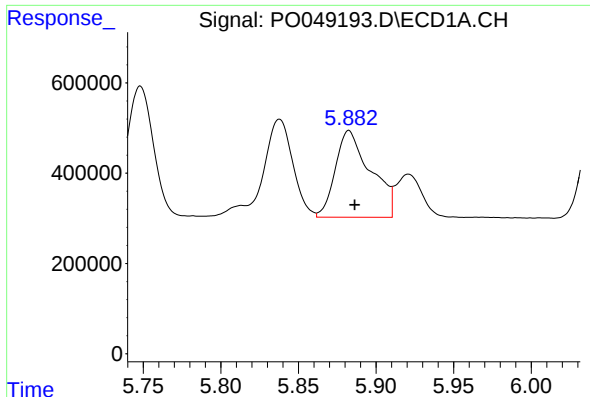
#16 AR-1242-1

R.T.: 5.133 min
Delta R.T.: -0.003 min
Response: 1598934
Conc: 790.07 ng/ml



#16 AR-1242-1

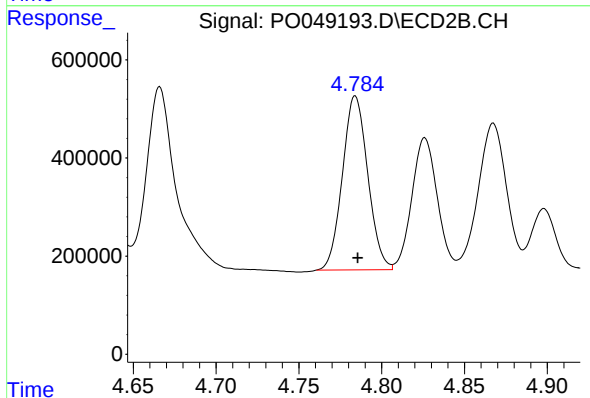
R.T.: 4.206 min
Delta R.T.: -0.001 min
Response: 1904285
Conc: 729.89 ng/ml



#17 AR-1242-2

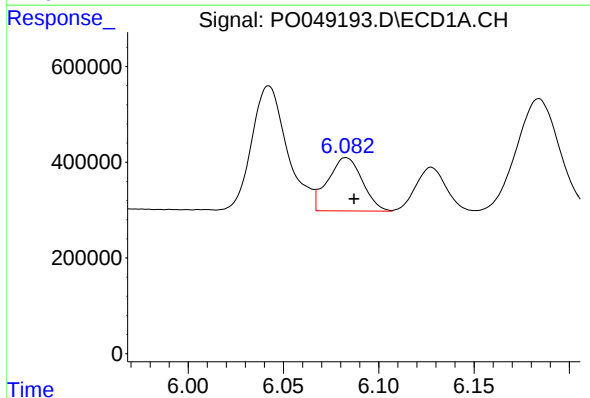
R.T.: 5.883 min
Delta R.T.: -0.004 min
Response: 3043768
Conc: 819.98 ng/ml

Instrument :
ECD_O
ClientSampleId :



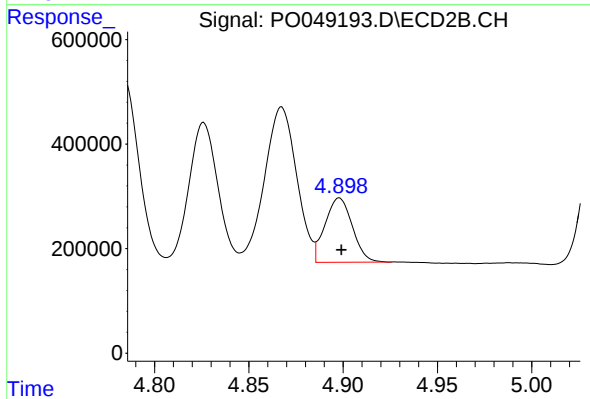
#17 AR-1242-2

R.T.: 4.784 min
Delta R.T.: -0.002 min
Response: 3780699
Conc: 700.15 ng/ml



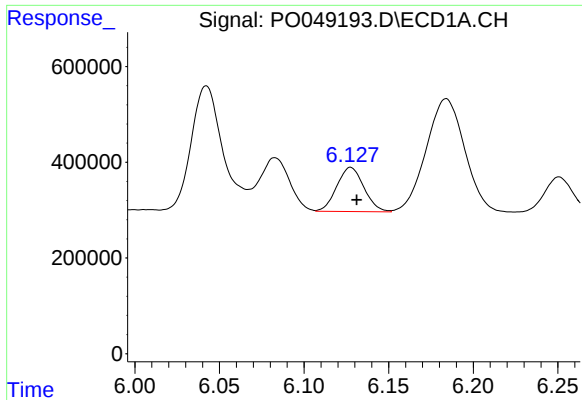
#18 AR-1242-3

R.T.: 6.083 min
Delta R.T.: -0.004 min
Response: 1402620
Conc: 787.79 ng/ml



#18 AR-1242-3

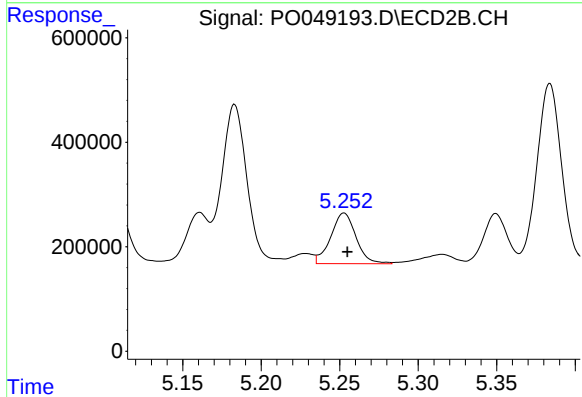
R.T.: 4.898 min
Delta R.T.: -0.001 min
Response: 1240487
Conc: 691.65 ng/ml



#19 AR-1242-4

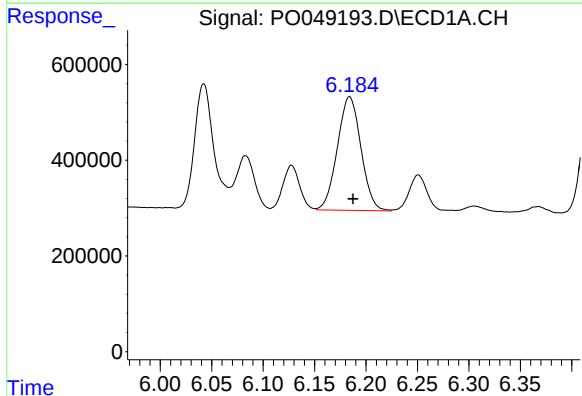
R.T.: 6.128 min
Delta R.T.: -0.004 min
Response: 1035300
Conc: 758.19 ng/ml

Instrument :
ECD_O
ClientSampleId :



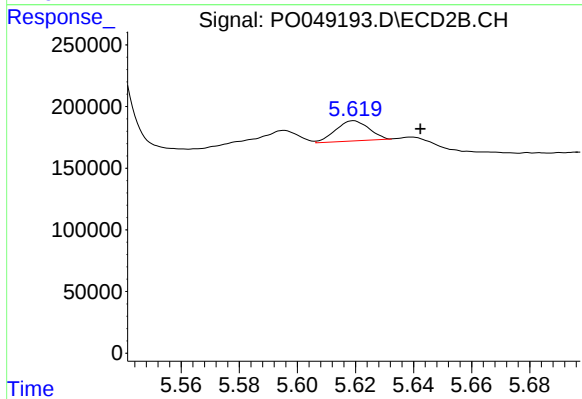
#19 AR-1242-4

R.T.: 5.253 min
Delta R.T.: -0.002 min
Response: 1089330
Conc: 686.36 ng/ml



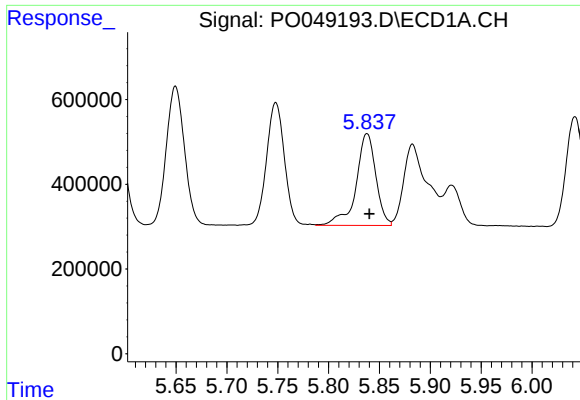
#20 AR-1242-5

R.T.: 6.184 min
Delta R.T.: -0.003 min
Response: 3792567
Conc: 798.57 ng/ml



#20 AR-1242-5

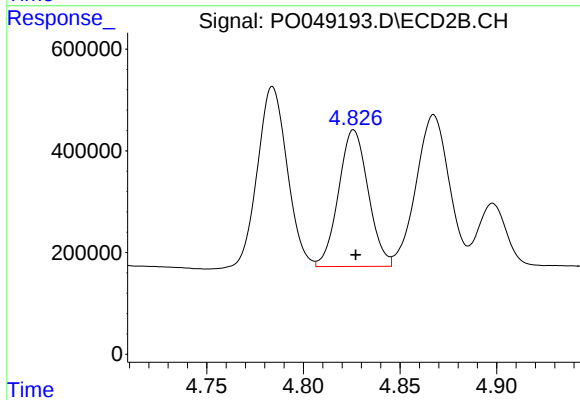
R.T.: 5.619 min
Delta R.T.: -0.023 min
Response: 129104
Conc: 30.95 ng/ml



#21 AR-1248-1

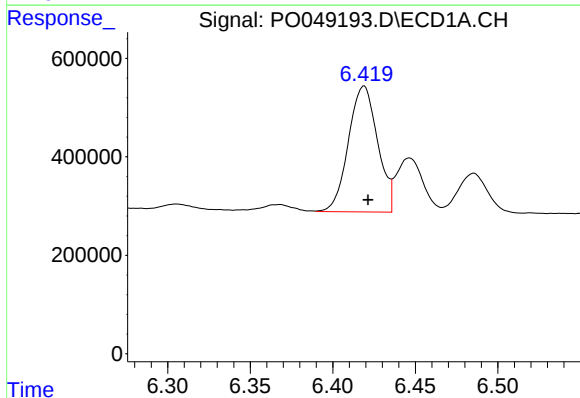
R.T.: 5.838 min
Delta R.T.: -0.002 min
Response: 2930835
Conc: 484.83 ng/ml

Instrument :
ECD_O
ClientSampleId :



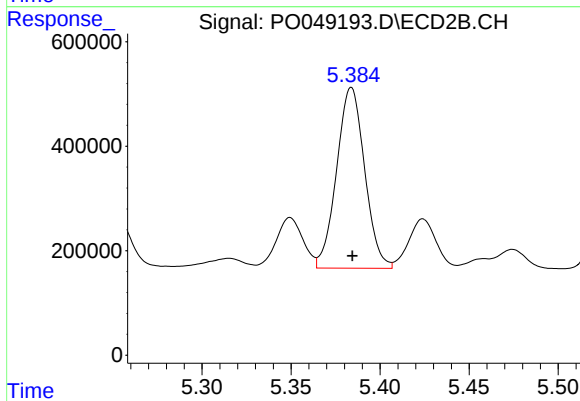
#21 AR-1248-1

R.T.: 4.826 min
Delta R.T.: 0.000 min
Response: 2867144
Conc: 411.01 ng/ml



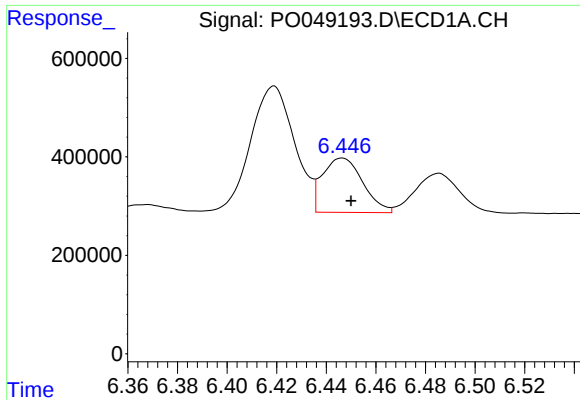
#22 AR-1248-2

R.T.: 6.419 min
Delta R.T.: -0.003 min
Response: 3147739
Conc: 490.07 ng/ml



#22 AR-1248-2

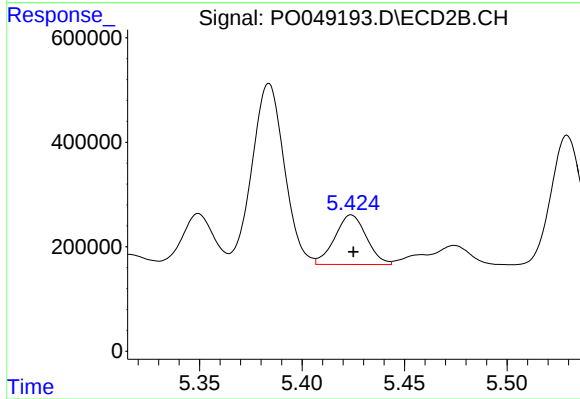
R.T.: 5.384 min
Delta R.T.: 0.000 min
Response: 3793321
Conc: 291.89 ng/ml



#23 AR-1248-3

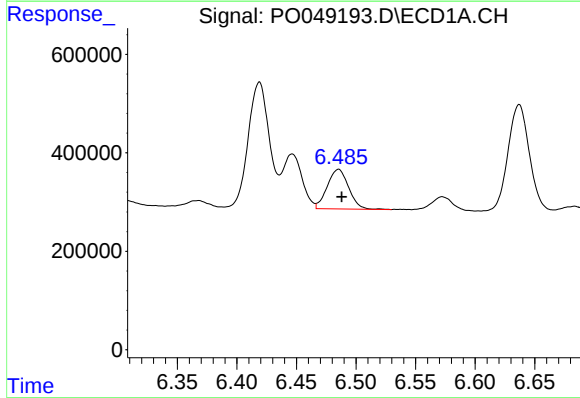
R.T.: 6.446 min
Delta R.T.: -0.004 min
Response: 1247996
Conc: 148.25 ng/ml

Instrument :
ECD_O
ClientSampleId :



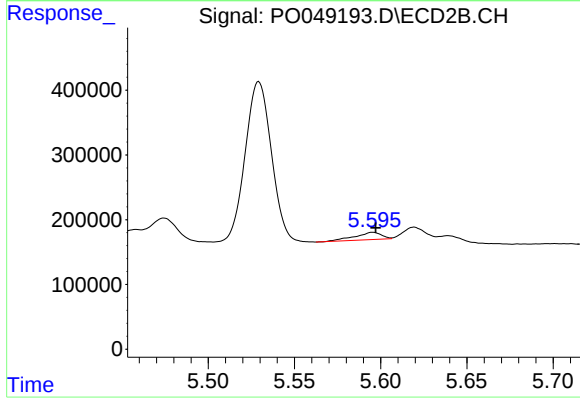
#23 AR-1248-3

R.T.: 5.424 min
Delta R.T.: -0.001 min
Response: 1014876
Conc: 109.70 ng/ml



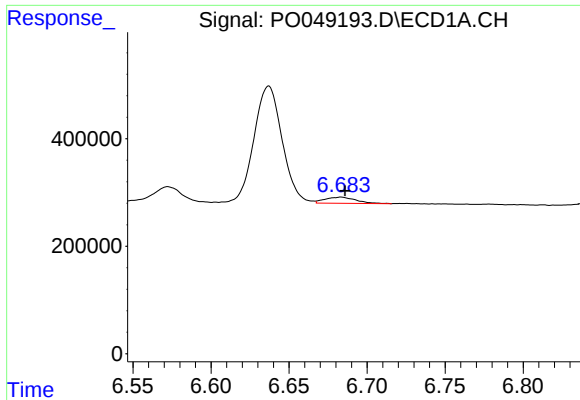
#24 AR-1248-4

R.T.: 6.485 min
Delta R.T.: -0.003 min
Response: 1010105
Conc: 127.91 ng/ml



#24 AR-1248-4

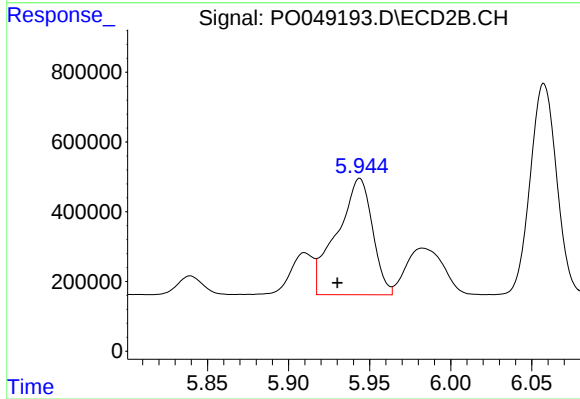
R.T.: 5.595 min
Delta R.T.: -0.002 min
Response: 122959
Conc: 15.15 ng/ml



#25 AR-1248-5

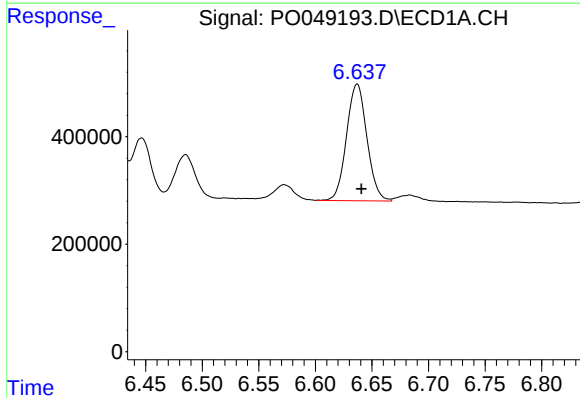
R.T.: 6.683 min
Delta R.T.: -0.002 min
Response: 158379
Conc: 30.48 ng/ml

Instrument :
ECD_O
ClientSampleId :



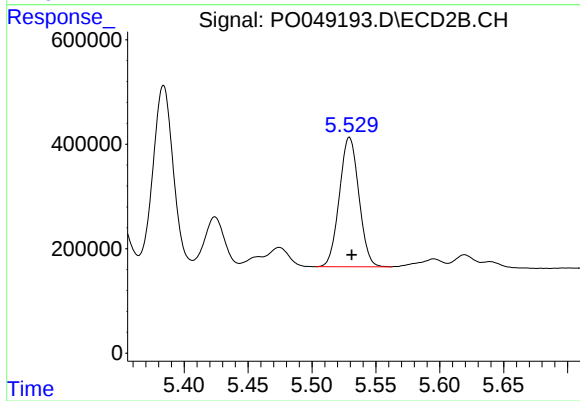
#25 AR-1248-5

R.T.: 5.944 min
Delta R.T.: 0.014 min
Response: 5079181
Conc: 828.43 ng/ml



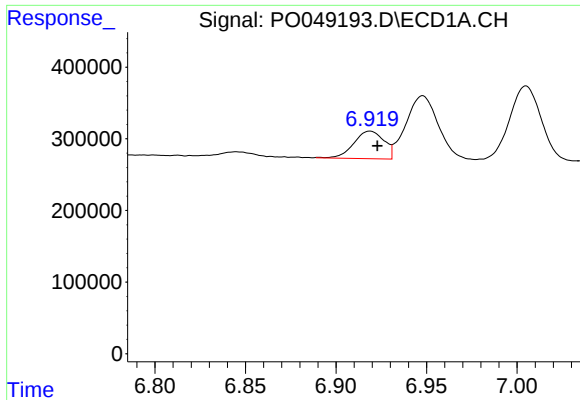
#26 AR-1254-1

R.T.: 6.637 min
Delta R.T.: -0.004 min
Response: 2726771
Conc: 184.27 ng/ml



#26 AR-1254-1

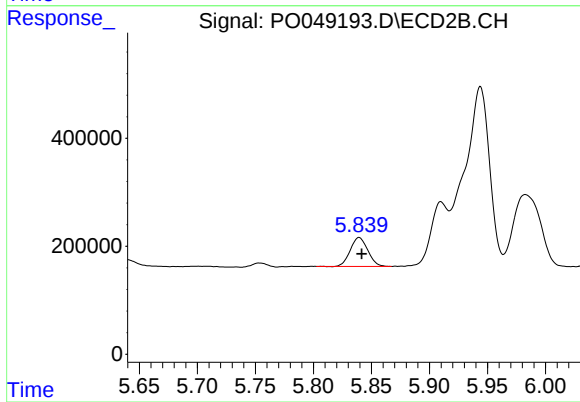
R.T.: 5.529 min
Delta R.T.: -0.002 min
Response: 2627755
Conc: 214.17 ng/ml



#27 AR-1254-2

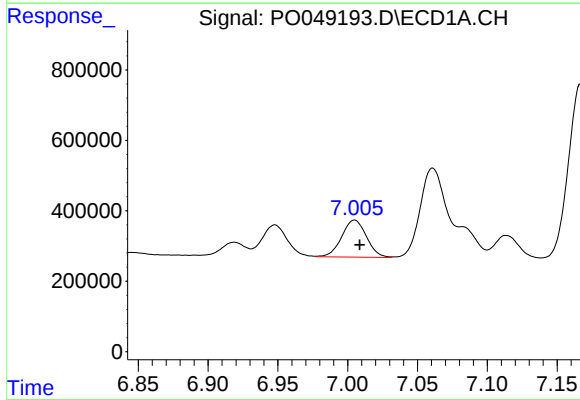
R.T.: 6.919 min
Delta R.T.: -0.004 min
Response: 446396
Conc: 48.66 ng/ml

Instrument :
ECD_O
ClientSampleId :



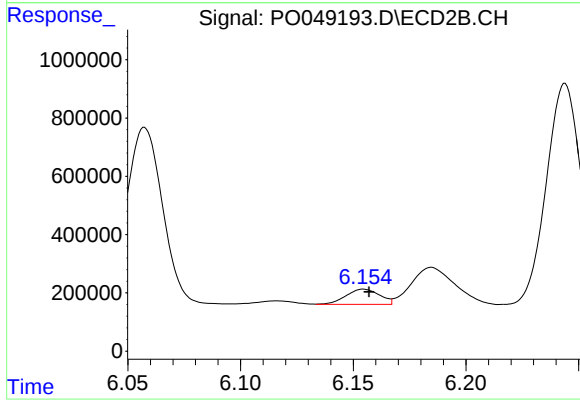
#27 AR-1254-2

R.T.: 5.839 min
Delta R.T.: -0.002 min
Response: 561268
Conc: 52.45 ng/ml



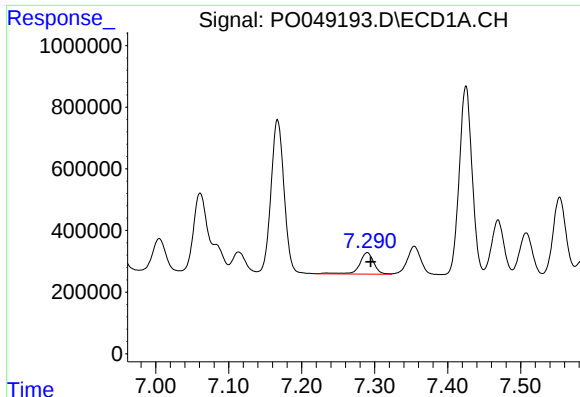
#28 AR-1254-3

R.T.: 7.005 min
Delta R.T.: -0.004 min
Response: 1294479
Conc: 79.23 ng/ml



#28 AR-1254-3

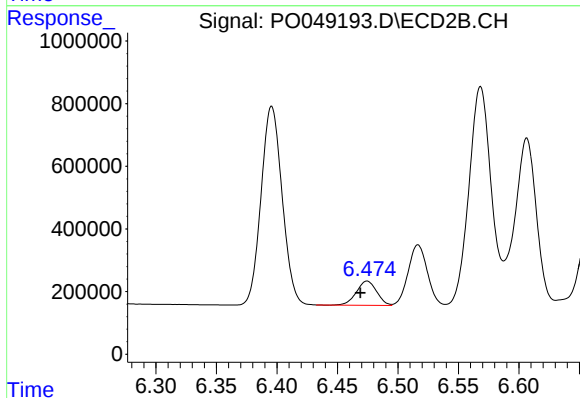
R.T.: 6.155 min
Delta R.T.: -0.002 min
Response: 540136
Conc: 39.27 ng/ml



#29 AR-1254-4

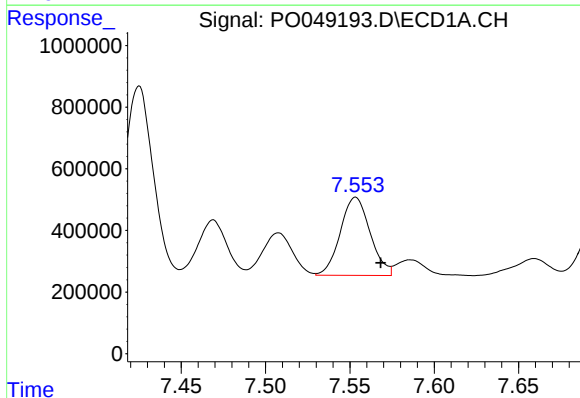
R.T.: 7.290 min
Delta R.T.: -0.005 min
Response: 949407
Conc: 73.99 ng/ml

Instrument :
ECD_O
ClientSampleId :



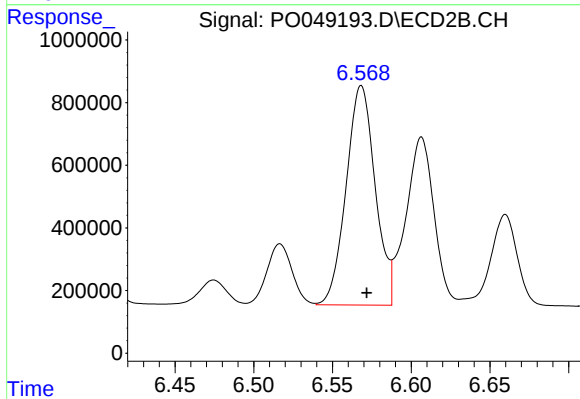
#29 AR-1254-4

R.T.: 6.475 min
Delta R.T.: 0.006 min
Response: 906010
Conc: 88.48 ng/ml



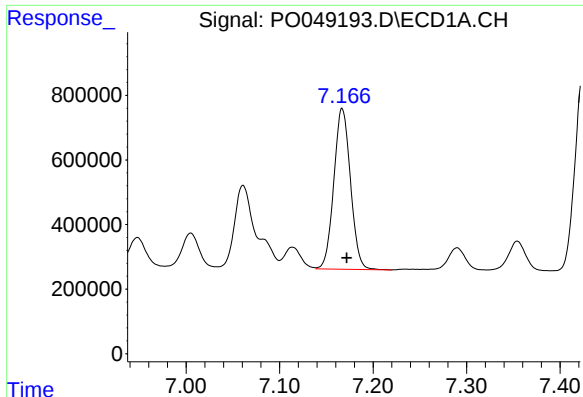
#30 AR-1254-5

R.T.: 7.553 min
Delta R.T.: -0.015 min
Response: 3125501
Conc: 338.10 ng/ml



#30 AR-1254-5

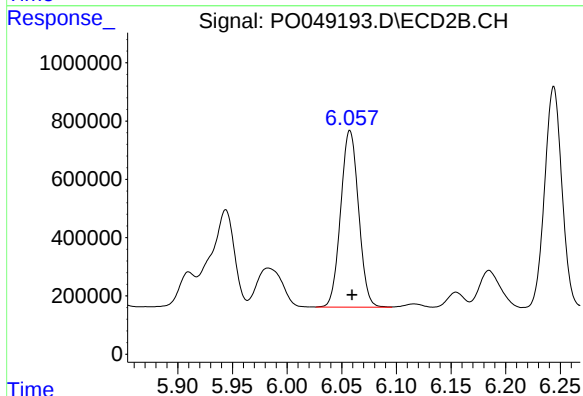
R.T.: 6.568 min
Delta R.T.: -0.003 min
Response: 8999845
Conc: 464.15 ng/ml



#31 AR-1260-1

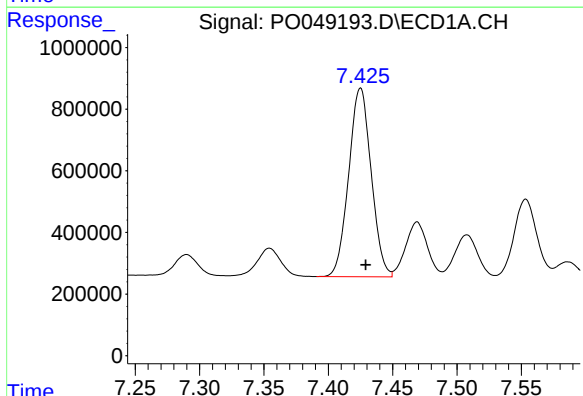
R.T.: 7.167 min
Delta R.T.: -0.005 min
Response: 6151137
Conc: 549.92 ng/ml

Instrument :
ECD_O
ClientSampleId :



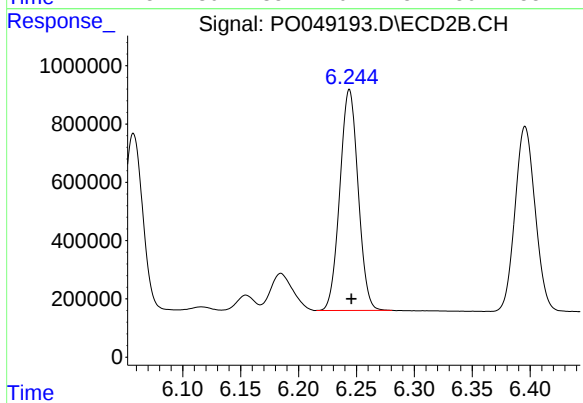
#31 AR-1260-1

R.T.: 6.058 min
Delta R.T.: -0.002 min
Response: 6915843
Conc: 480.97 ng/ml



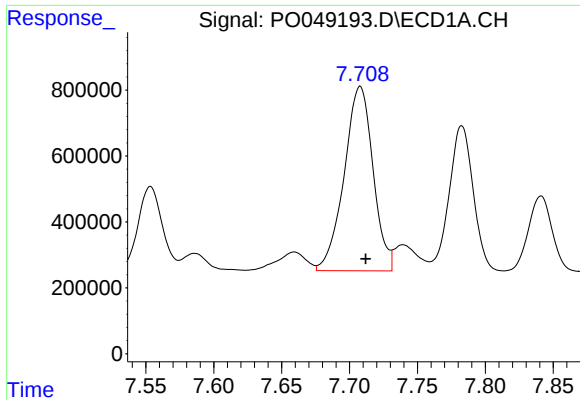
#32 AR-1260-2

R.T.: 7.425 min
Delta R.T.: -0.004 min
Response: 7443515
Conc: 554.76 ng/ml



#32 AR-1260-2

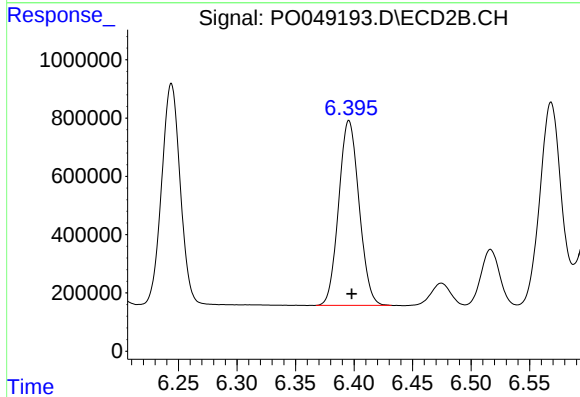
R.T.: 6.244 min
Delta R.T.: -0.002 min
Response: 8317322
Conc: 469.14 ng/ml



#33 AR-1260-3

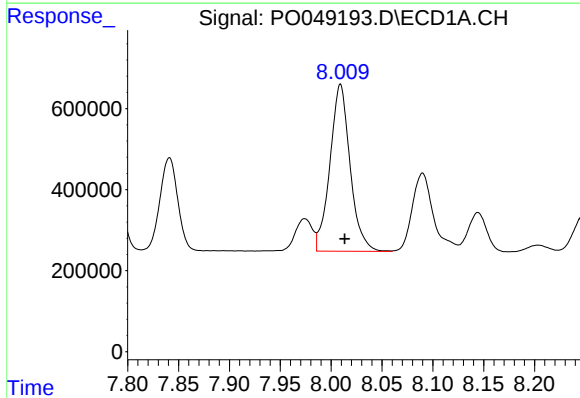
R.T.: 7.708 min
Delta R.T.: -0.004 min
Response: 8299953
Conc: 539.43 ng/ml

Instrument :
ECD_O
ClientSampleId :



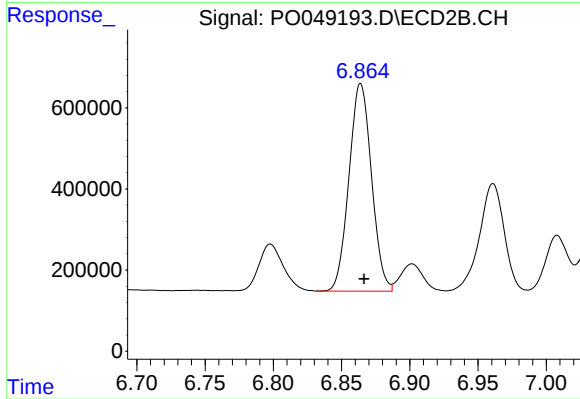
#33 AR-1260-3

R.T.: 6.396 min
Delta R.T.: -0.002 min
Response: 7684215
Conc: 466.83 ng/ml



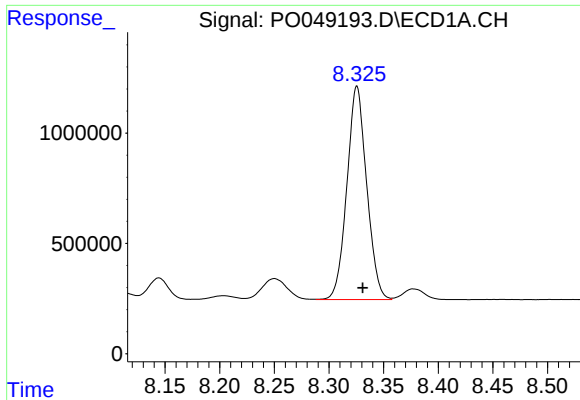
#34 AR-1260-4

R.T.: 8.009 min
Delta R.T.: -0.004 min
Response: 5686821
Conc: 519.68 ng/ml



#34 AR-1260-4

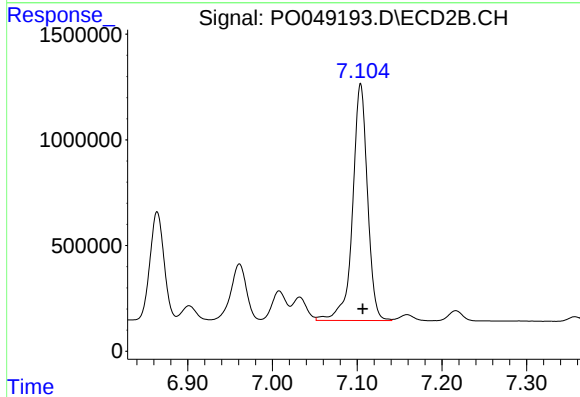
R.T.: 6.864 min
Delta R.T.: -0.002 min
Response: 5885915
Conc: 441.75 ng/ml



#35 AR-1260-5

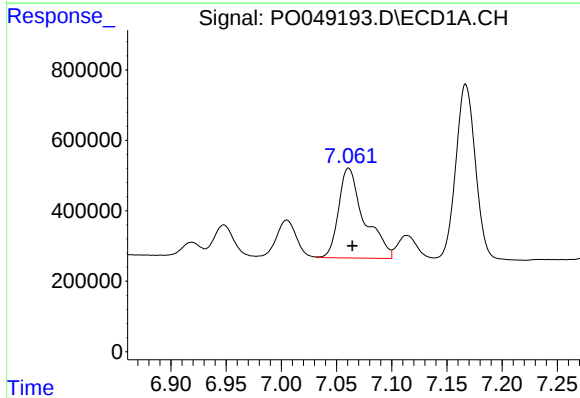
R.T.: 8.326 min
Delta R.T.: -0.005 min
Response: 12173011
Conc: 507.79 ng/ml

Instrument :
ECD_O
ClientSampleId :



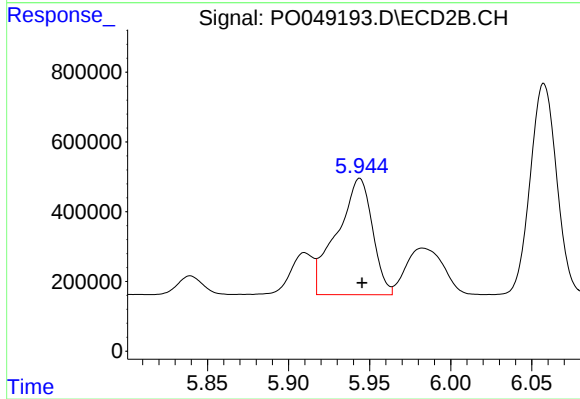
#35 AR-1260-5

R.T.: 7.104 min
Delta R.T.: -0.003 min
Response: 13698199
Conc: 437.30 ng/ml



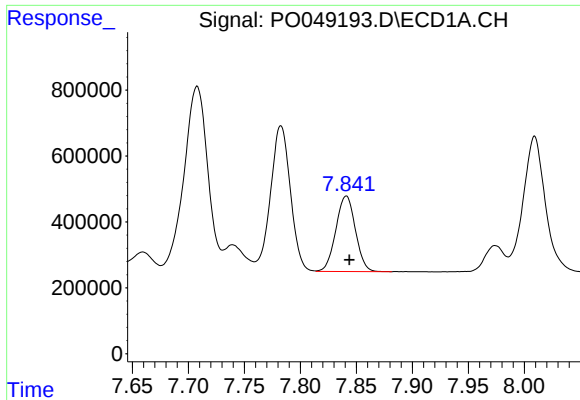
#36 AR-1262-1

R.T.: 7.061 min
Delta R.T.: -0.003 min
Response: 4108789
Conc: 629.12 ng/ml



#36 AR-1262-1

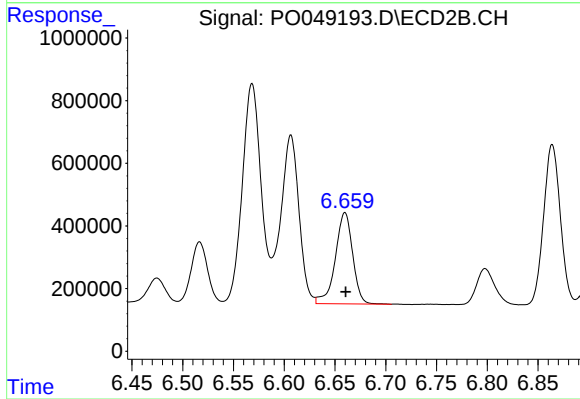
R.T.: 5.944 min
Delta R.T.: -0.002 min
Response: 5079181
Conc: 711.60 ng/ml



#37 AR-1262-2

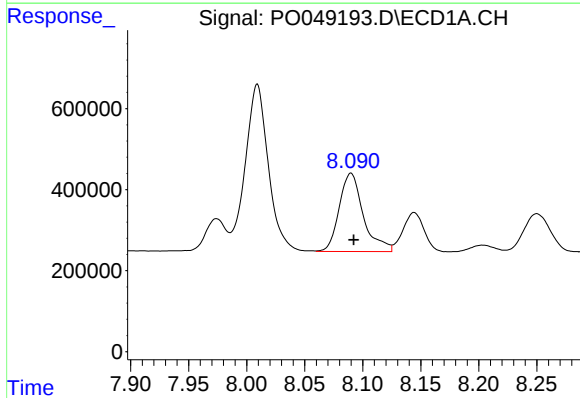
R.T.: 7.841 min
Delta R.T.: -0.003 min
Response: 2785887
Conc: 518.33 ng/ml

Instrument :
ECD_O
ClientSampleId :



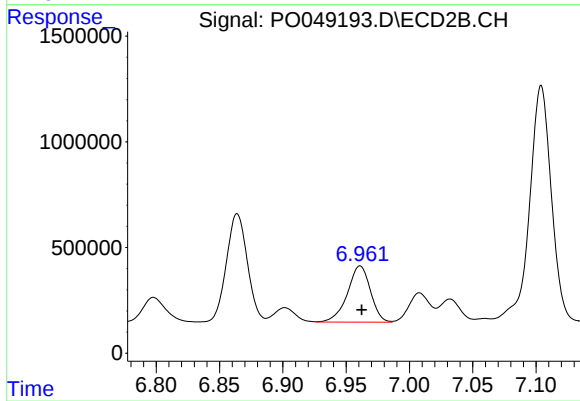
#37 AR-1262-2

R.T.: 6.660 min
Delta R.T.: 0.000 min
Response: 3468719
Conc: 472.78 ng/ml



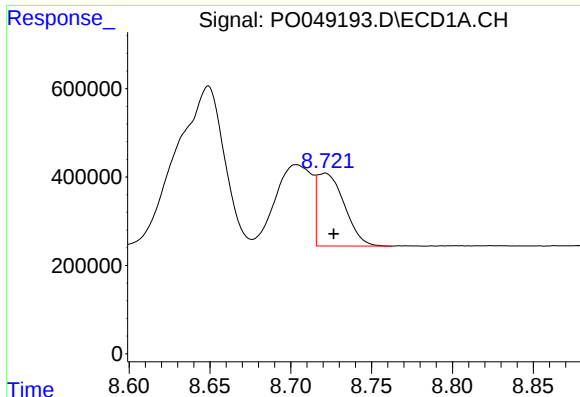
#38 AR-1262-3

R.T.: 8.090 min
Delta R.T.: -0.002 min
Response: 2795829
Conc: 486.55 ng/ml



#38 AR-1262-3

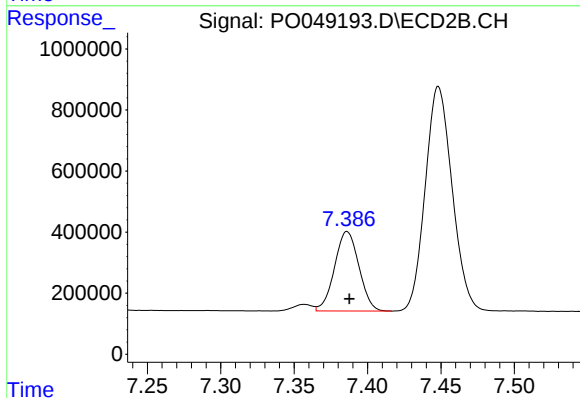
R.T.: 6.961 min
Delta R.T.: -0.001 min
Response: 3379381
Conc: 434.99 ng/ml



#39 AR-1262-4

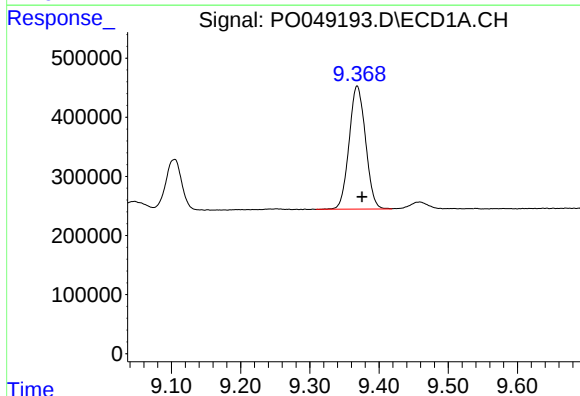
R.T.: 8.721 min
Delta R.T.: -0.005 min
Response: 1934649
Conc: 140.98 ng/ml

Instrument :
ECD_O
ClientSampleId :



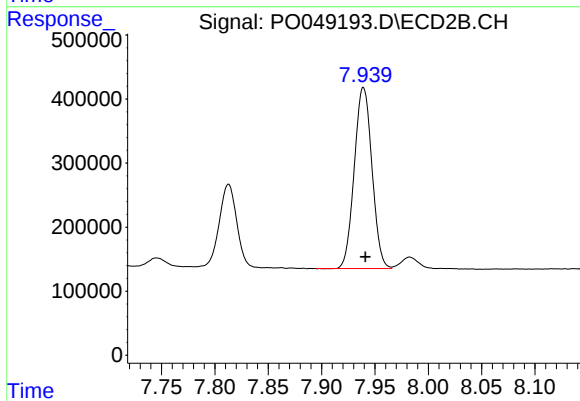
#39 AR-1262-4

R.T.: 7.386 min
Delta R.T.: -0.002 min
Response: 3015457
Conc: 247.52 ng/ml



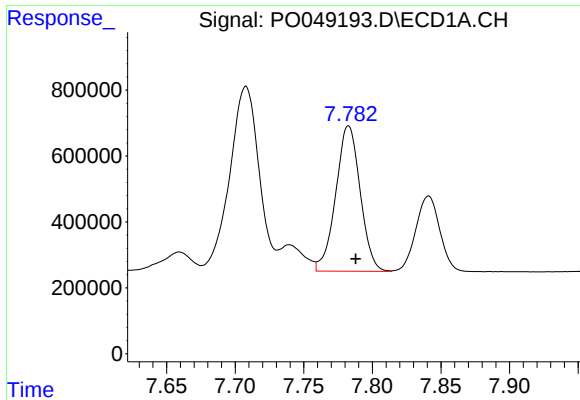
#40 AR-1262-5

R.T.: 9.368 min
Delta R.T.: -0.007 min
Response: 3440734
Conc: 330.29 ng/ml



#40 AR-1262-5

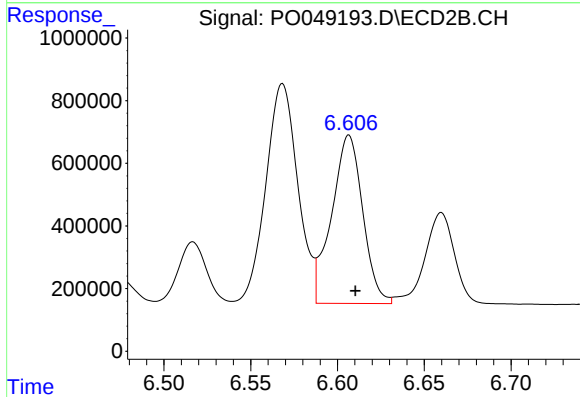
R.T.: 7.939 min
Delta R.T.: -0.002 min
Response: 3266126
Conc: 321.05 ng/ml



#41 AR-1268-1

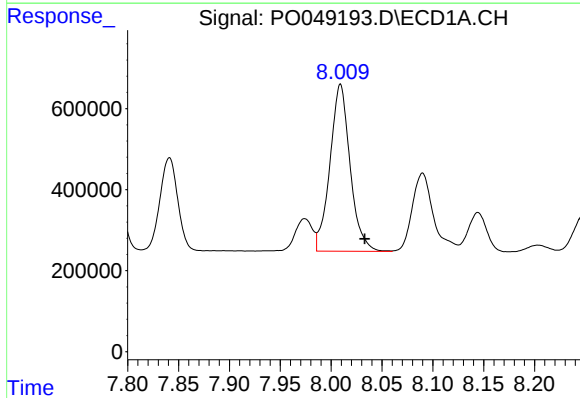
R.T.: 7.783 min
Delta R.T.: -0.005 min
Response: 5471813
Conc: 947.69 ng/ml

Instrument :
ECD_O
ClientSampleId :



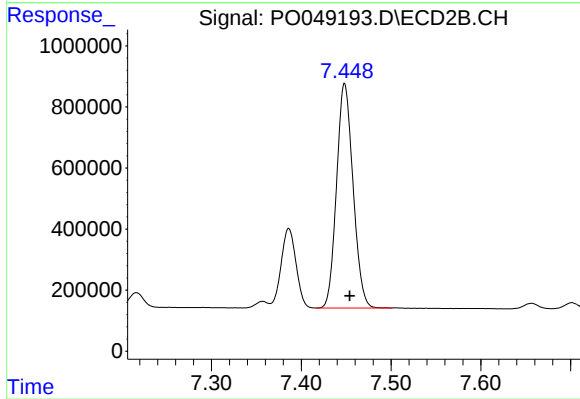
#41 AR-1268-1

R.T.: 6.607 min
Delta R.T.: -0.004 min
Response: 6719966
Conc: 917.81 ng/ml



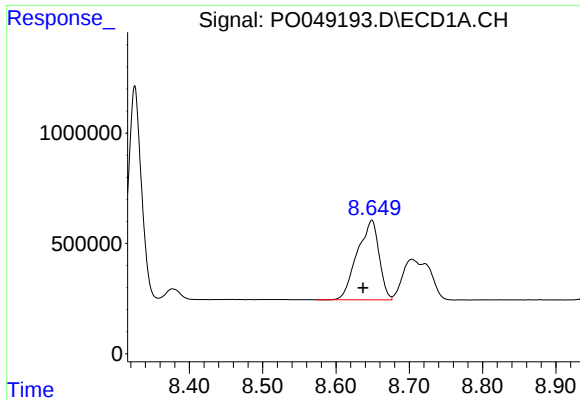
#42 AR-1268-2

R.T.: 8.009 min
Delta R.T.: -0.024 min
Response: 5686821
Conc: 745.27 ng/ml



#42 AR-1268-2

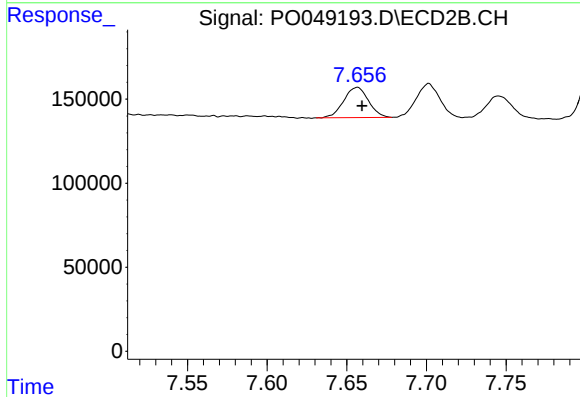
R.T.: 7.448 min
Delta R.T.: -0.006 min
Response: 9383719
Conc: 282.63 ng/ml



#43 AR-1268-3

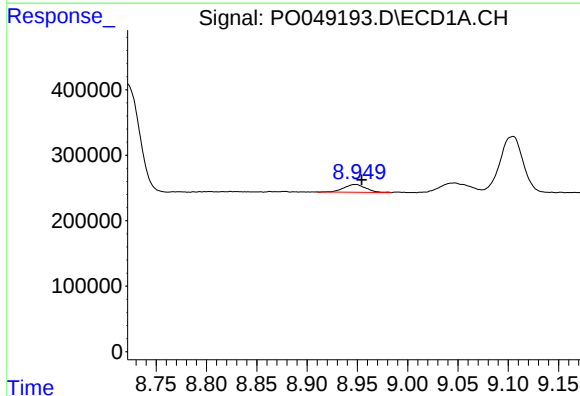
R.T.: 8.649 min
Delta R.T.: 0.012 min
Response: 7458992
Conc: 220.17 ng/ml

Instrument :
ECD_O
ClientSampleId :



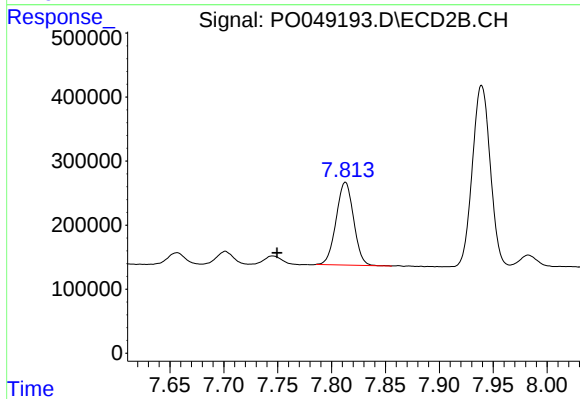
#43 AR-1268-3

R.T.: 7.657 min
Delta R.T.: -0.003 min
Response: 194511
Conc: 7.10 ng/ml



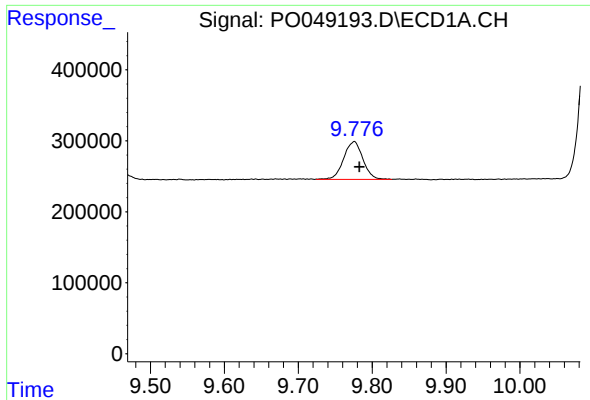
#44 AR-1268-4

R.T.: 8.948 min
Delta R.T.: -0.006 min
Response: 178997
Conc: 6.25 ng/ml



#44 AR-1268-4

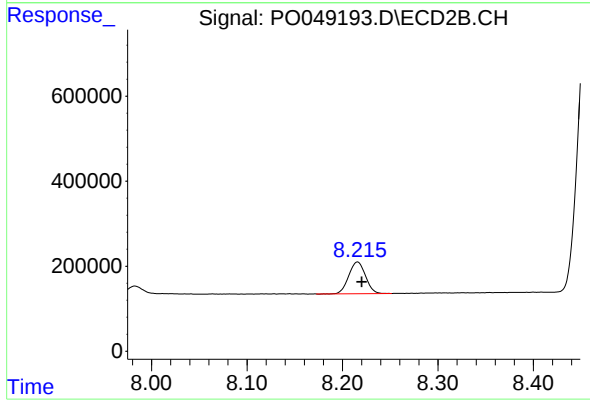
R.T.: 7.813 min
Delta R.T.: 0.064 min
Response: 1456153
Conc: 187.34 ng/ml



#45 AR-1268-5

R.T.: 9.776 min
Delta R.T.: -0.007 min
Response: 963589
Conc: 10.08 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.216 min
Delta R.T.: -0.005 min
Response: 911400
Conc: 12.29 ng/ml