

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0091418\
 Data File : P0049031.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 15 Sep 2018 2:04
 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 15 02:20:33 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0091118.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Sep 12 08:13:07 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...	4.395	3.524	7721862	10283505	47.133	56.369
2)	SA Decachlor...	10.109	8.459	10576165	12326867	47.471	66.428 #
Target Compounds							
3)	L1 AR-1016-1	5.104	4.187	1901590	2632804	419.501	518.576
4)	L1 AR-1016-2	5.299	4.593	2280708	4365166	480.677	563.815
5)	L1 AR-1016-3	5.567	4.612	3056171	5869732	422.772	568.224 #
6)	L1 AR-1016-4	5.651	4.667	2529731	4075184	402.357	548.134 #
7)	L1 AR-1016-5	6.045	5.037	2519807	3840510	474.040	553.589
8)	L2 AR-1221-1	4.602	3.736	238457	369472	133.349	181.946 #
9)	L2 AR-1221-2	4.695	3.819	299084	520740	218.455	336.896 #
10)	L2 AR-1221-3	4.769	3.894	1218293	1691883	269.379	354.957 #
11)	L3 AR-1232-1	5.495	4.375	383135	2842948	1058.191	1434.729 #
12)	L3 AR-1232-2	5.750	4.490	2385392	922289	1242.366	1362.114
13)	L3 AR-1232-3	5.923	4.868	1165175	3359689	2160.394	1790.417
14)	L3 AR-1232-4	6.253	5.184	1213975	3767538	2521.874	1796.657 #
15)	L3 AR-1232-5	7.116	5.805	915823	773159	2964.860	3036.078
16)	L4 AR-1242-1	5.135	4.207	1089865	1424509	652.050	754.564
17)	L4 AR-1242-2	5.885	4.785	2121982	3670158	652.040	882.438 #
18)	L4 AR-1242-3	6.085	4.899	1184487	1450655	754.892	991.199 #
19)	L4 AR-1242-4	6.130	5.255	1011683	1307939	841.645	1038.820
20)	L4 AR-1242-5	6.186	5.621	3162917	704866	728.263	208.242 #
21)	L5 AR-1248-1	5.840	4.827	1919867	2663335	345.137	397.097
22)	L5 AR-1248-2	6.421	5.385	2640194	4376158	433.903	344.245
23)	L5 AR-1248-3	6.448	5.425	1169277	1314095	145.678	146.388
24)	L5 AR-1248-4	6.488	5.600	1334629	444276	174.046	54.743 #
25)	L5 AR-1248-5	6.639	5.946	2725717	5964625	520.098	951.041 #
26)	L6 AR-1254-1	6.639	5.531	2725717	3305362	174.988	249.290 #
27)	L6 AR-1254-2	6.922	5.841	695706	1276990	68.564	109.415 #
28)	L6 AR-1254-3	7.006	6.157	1505698	755781	84.031	51.174 #
29)	L6 AR-1254-4	7.292	6.477	981015	1057884	70.951	94.663 #
30)	L6 AR-1254-5	7.555	6.570	2871728	11009244	284.475	525.923 #
31)	L7 AR-1260-1	7.170	6.059	5382206	8444030	430.462	622.449 #
32)	L7 AR-1260-2	7.427	6.245	6364349	9769156	458.704	575.992 #
33)	L7 AR-1260-3	7.711	6.398	7481279	9041825	498.373	562.663
34)	L7 AR-1260-4	8.011	6.866	5238329	7416576	523.503	557.438
35)	L7 AR-1260-5	8.328	7.106	10695880	17421374	525.803	566.688
36)	L8 AR-1262-1	7.064	5.946	3652677	5964625	555.280	796.133 #
37)	L8 AR-1262-2	7.843	6.661	2283244	3914416	444.459	519.237
38)	L8 AR-1262-3	8.091	6.963	2411562	4021636	474.231	489.424
39)	L8 AR-1262-4	8.708	7.388	3870604	3734237	358.141	302.163
40)	L8 AR-1262-5	9.373	7.942	2900529	4310014	354.826	424.190
41)	L9 AR-1268-1	7.785	6.608	4197520	7801620	820.817	1028.334 #

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 Acq On : 15 Sep 2018 2:04
 Operator : SM/SJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

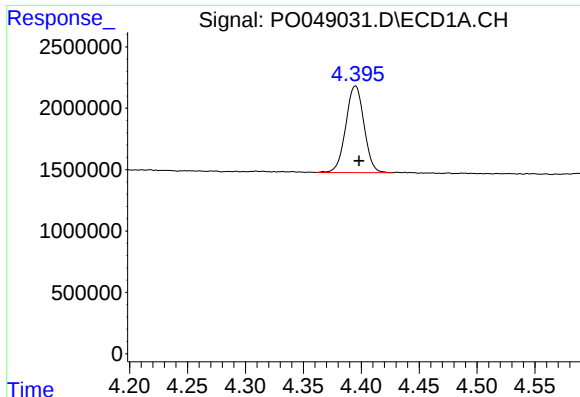
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 15 02:20:33 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0091118.M
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Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.011	7.450	5238329	12412644	856.163	373.242 #
43) L9	AR-1268-3	8.652	7.657	6600062	324072	251.778	11.872 #
44) L9	AR-1268-4	8.951	7.748	187123	208014	8.676	26.854 #
45) L9	AR-1268-5	9.777	8.218	783110	1131878	10.591	15.961 #

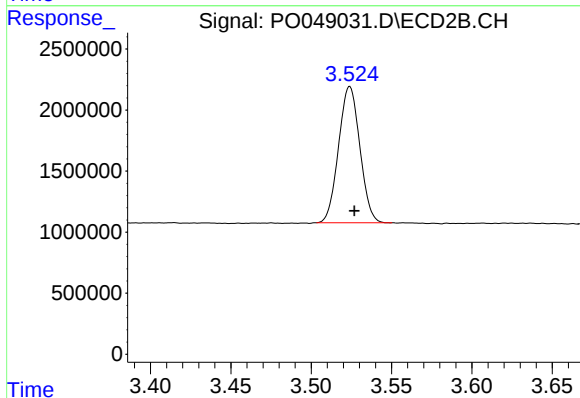
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

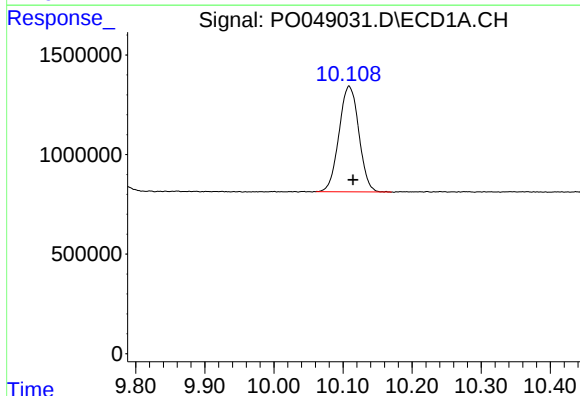
R.T.: 4.395 min
Delta R.T.: -0.003 min
Response: 7721862
Conc: 47.13 ng/ml

Instrument :
ECD_O
ClientSampleId :



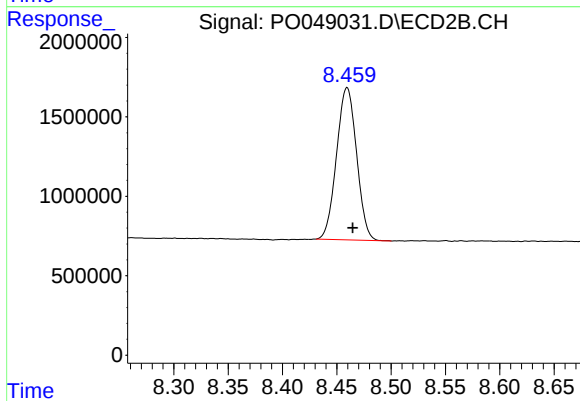
#1 Tetrachloro-m-xylene

R.T.: 3.524 min
Delta R.T.: -0.003 min
Response: 10283505
Conc: 56.37 ng/ml



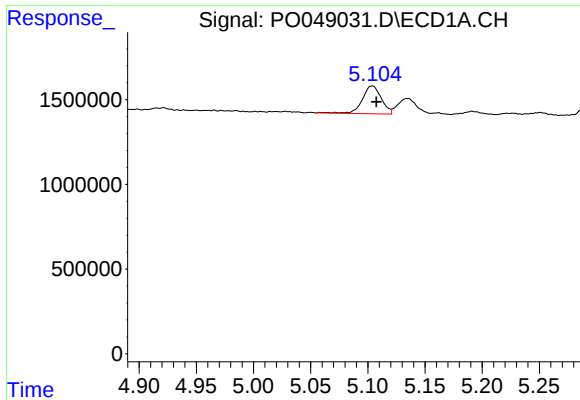
#2 Decachlorobiphenyl

R.T.: 10.109 min
Delta R.T.: -0.006 min
Response: 10576165
Conc: 47.47 ng/ml



#2 Decachlorobiphenyl

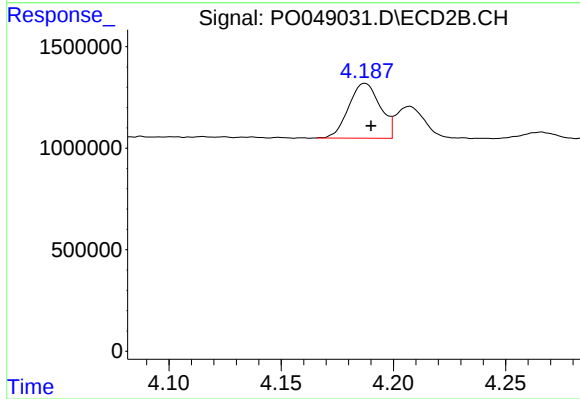
R.T.: 8.459 min
Delta R.T.: -0.005 min
Response: 12326867
Conc: 66.43 ng/ml



#3 AR-1016-1

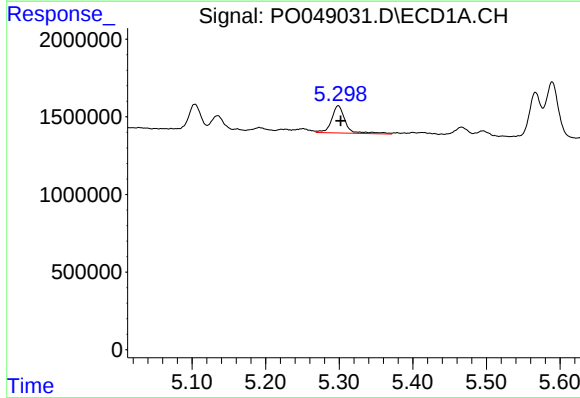
R.T.: 5.104 min
Delta R.T.: -0.004 min
Response: 1901590
Conc: 419.50 ng/ml

Instrument :
ECD_O
ClientSampleId :



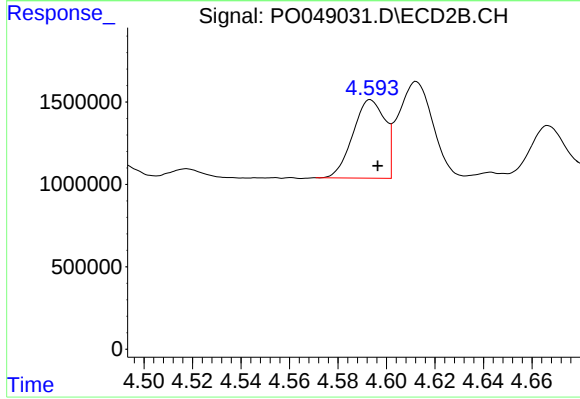
#3 AR-1016-1

R.T.: 4.187 min
Delta R.T.: -0.003 min
Response: 2632804
Conc: 518.58 ng/ml



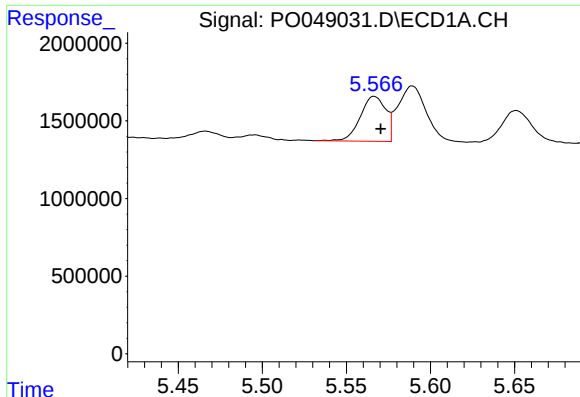
#4 AR-1016-2

R.T.: 5.299 min
Delta R.T.: -0.003 min
Response: 2280708
Conc: 480.68 ng/ml



#4 AR-1016-2

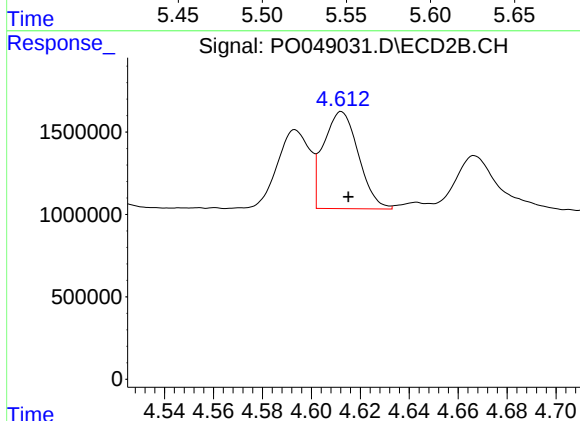
R.T.: 4.593 min
Delta R.T.: -0.003 min
Response: 4365166
Conc: 563.82 ng/ml



#5 AR-1016-3

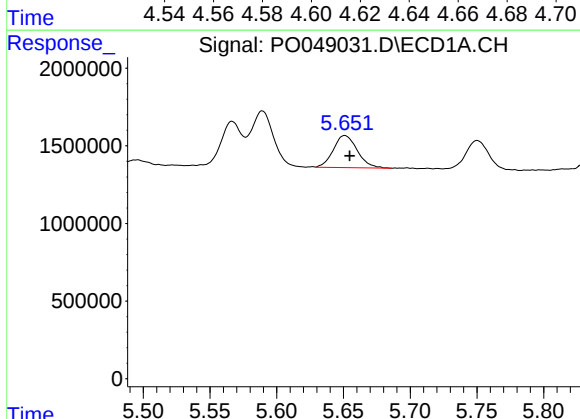
R.T.: 5.567 min
Delta R.T.: -0.004 min
Response: 3056171
Conc: 422.77 ng/ml

Instrument :
ECD_O
ClientSampleId :



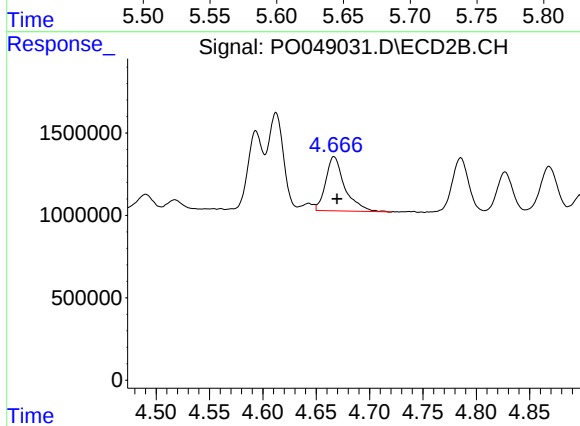
#5 AR-1016-3

R.T.: 4.612 min
Delta R.T.: -0.003 min
Response: 5869732
Conc: 568.22 ng/ml



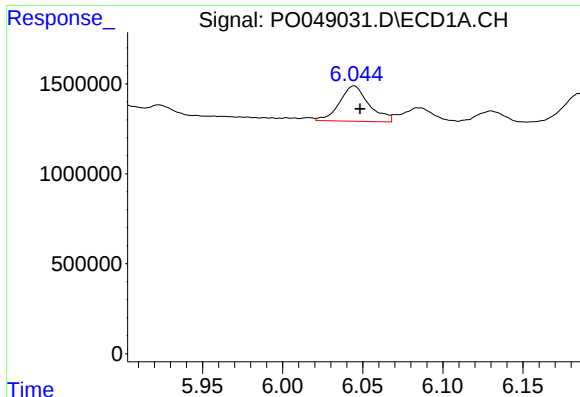
#6 AR-1016-4

R.T.: 5.651 min
Delta R.T.: -0.004 min
Response: 2529731
Conc: 402.36 ng/ml



#6 AR-1016-4

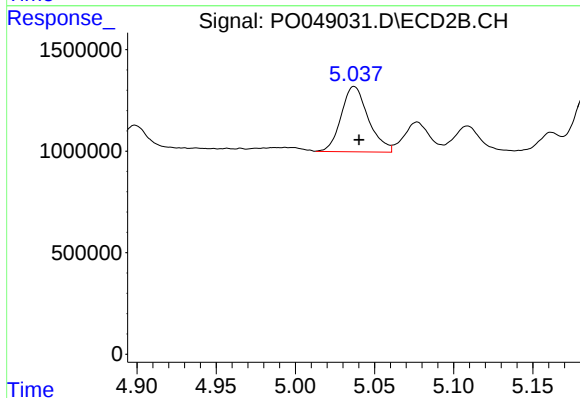
R.T.: 4.667 min
Delta R.T.: -0.003 min
Response: 4075184
Conc: 548.13 ng/ml



#7 AR-1016-5

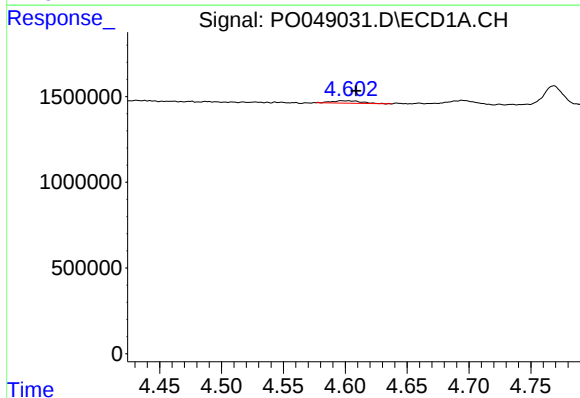
R.T.: 6.045 min
Delta R.T.: -0.004 min
Response: 2519807
Conc: 474.04 ng/ml

Instrument :
ECD_O
ClientSampleId :



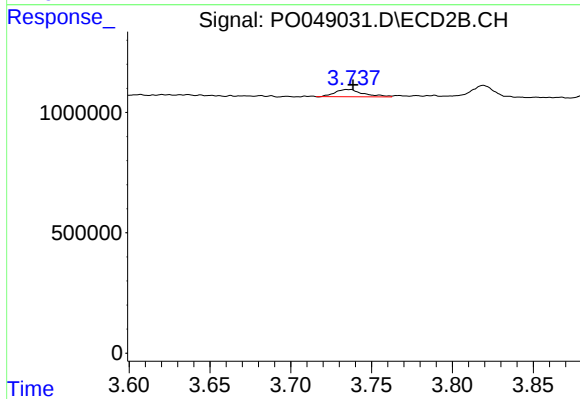
#7 AR-1016-5

R.T.: 5.037 min
Delta R.T.: -0.003 min
Response: 3840510
Conc: 553.59 ng/ml



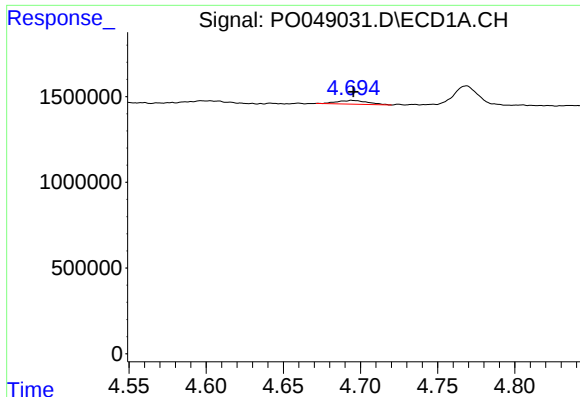
#8 AR-1221-1

R.T.: 4.602 min
Delta R.T.: -0.006 min
Response: 238457
Conc: 133.35 ng/ml



#8 AR-1221-1

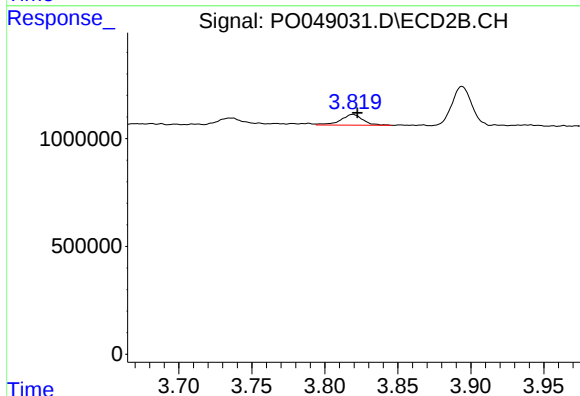
R.T.: 3.736 min
Delta R.T.: -0.003 min
Response: 369472
Conc: 181.95 ng/ml



#9 AR-1221-2

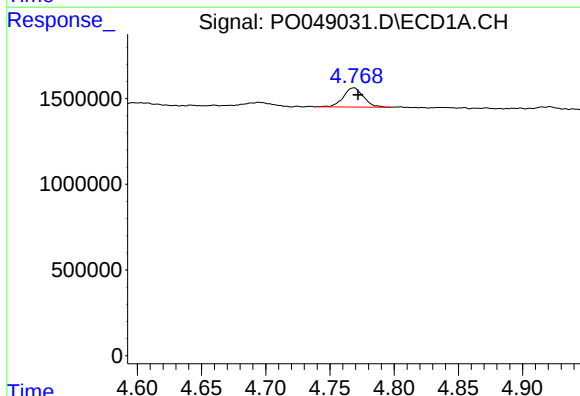
R.T.: 4.695 min
Delta R.T.: 0.000 min
Response: 299084
Conc: 218.46 ng/ml

Instrument :
ECD_O
ClientSampleId :



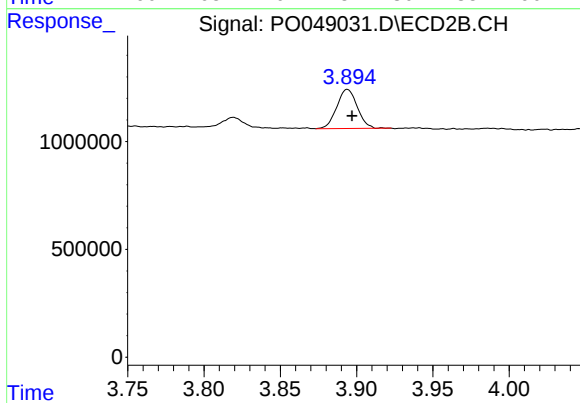
#9 AR-1221-2

R.T.: 3.819 min
Delta R.T.: -0.003 min
Response: 520740
Conc: 336.90 ng/ml



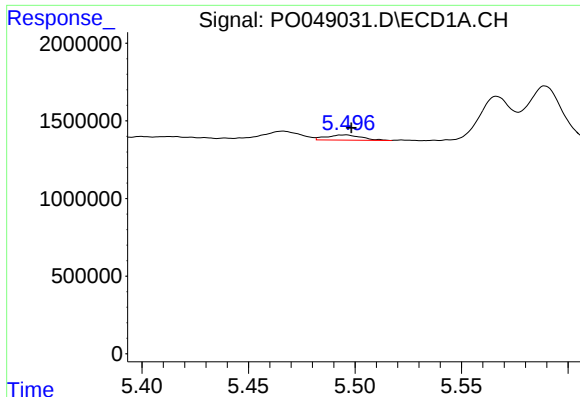
#10 AR-1221-3

R.T.: 4.769 min
Delta R.T.: -0.004 min
Response: 1218293
Conc: 269.38 ng/ml



#10 AR-1221-3

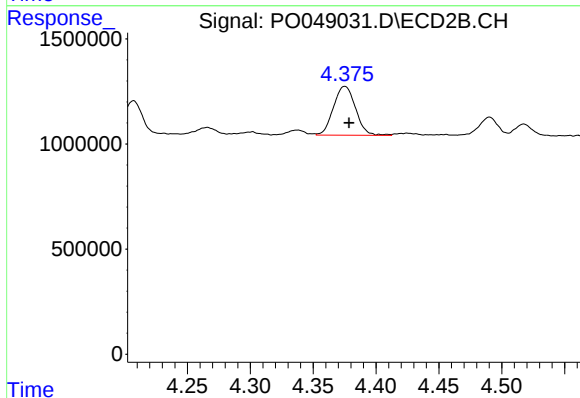
R.T.: 3.894 min
Delta R.T.: -0.003 min
Response: 1691883
Conc: 354.96 ng/ml



#11 AR-1232-1

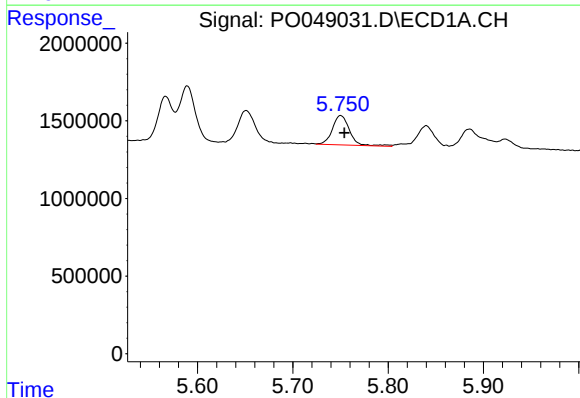
R.T.: 5.495 min
Delta R.T.: -0.003 min
Response: 383135
Conc: 1058.19 ng/ml

Instrument :
ECD_O
ClientSampleId :



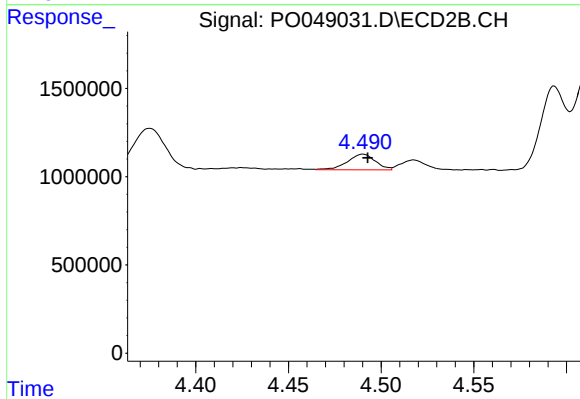
#11 AR-1232-1

R.T.: 4.375 min
Delta R.T.: -0.003 min
Response: 2842948
Conc: 1434.73 ng/ml



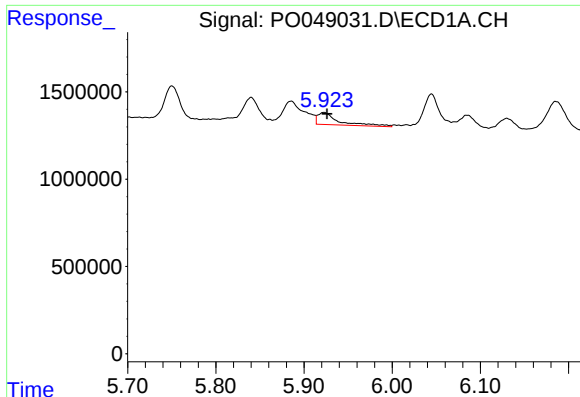
#12 AR-1232-2

R.T.: 5.750 min
Delta R.T.: -0.004 min
Response: 2385392
Conc: 1242.37 ng/ml



#12 AR-1232-2

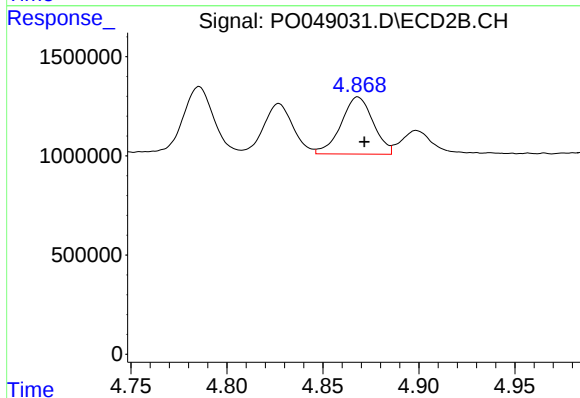
R.T.: 4.490 min
Delta R.T.: -0.002 min
Response: 922289
Conc: 1362.11 ng/ml



#13 AR-1232-3

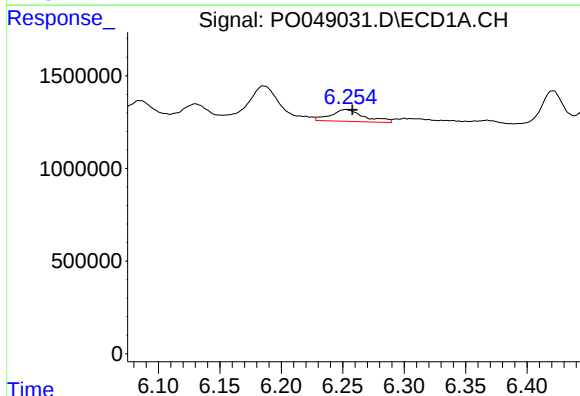
R.T.: 5.923 min
Delta R.T.: -0.004 min
Response: 1165175
Conc: 2160.39 ng/ml

Instrument :
ECD_O
ClientSampleId :



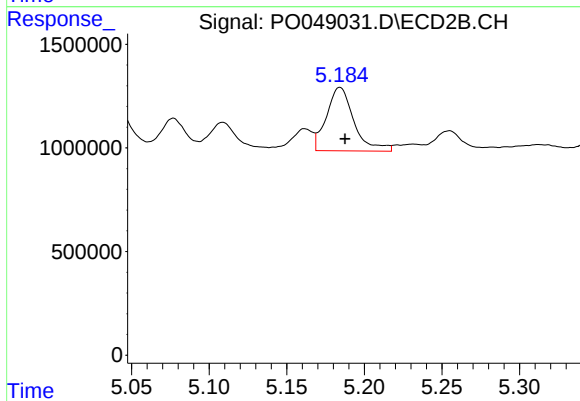
#13 AR-1232-3

R.T.: 4.868 min
Delta R.T.: -0.003 min
Response: 3359689
Conc: 1790.42 ng/ml



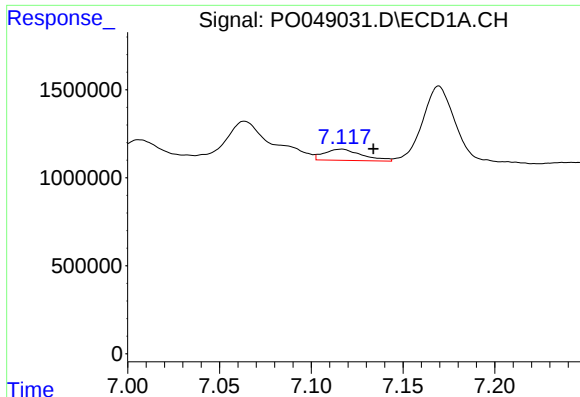
#14 AR-1232-4

R.T.: 6.253 min
Delta R.T.: -0.004 min
Response: 1213975
Conc: 2521.87 ng/ml



#14 AR-1232-4

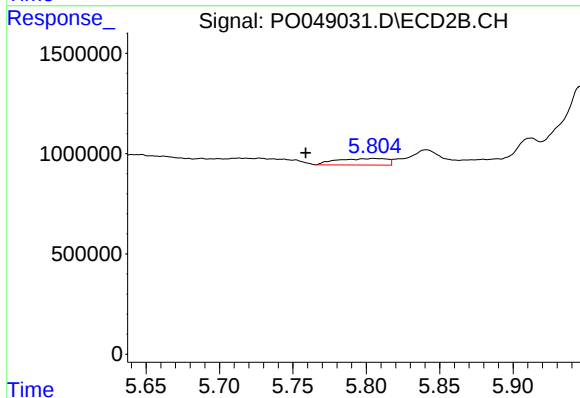
R.T.: 5.184 min
Delta R.T.: -0.003 min
Response: 3767538
Conc: 1796.66 ng/ml



#15 AR-1232-5

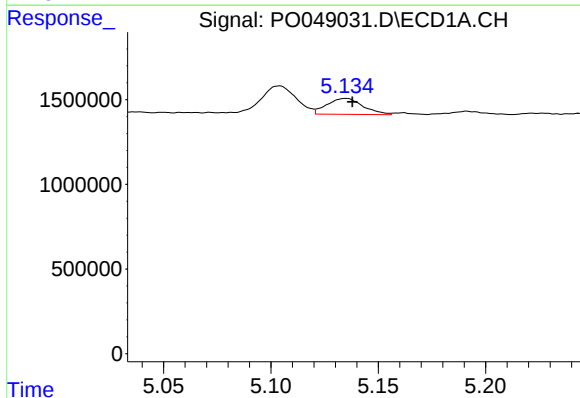
R.T.: 7.116 min
Delta R.T.: -0.017 min
Response: 915823
Conc: 2964.86 ng/ml

Instrument :
ECD_O
ClientSampleId :



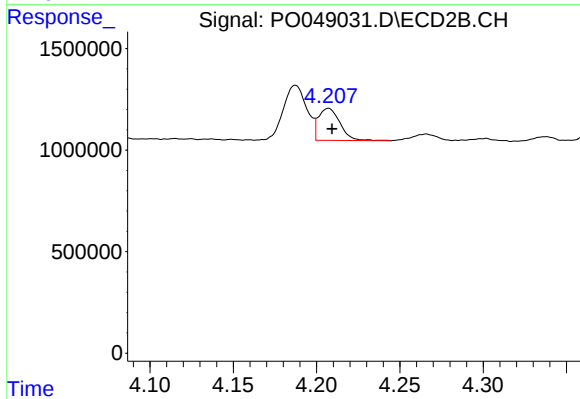
#15 AR-1232-5

R.T.: 5.805 min
Delta R.T.: 0.046 min
Response: 773159
Conc: 3036.08 ng/ml



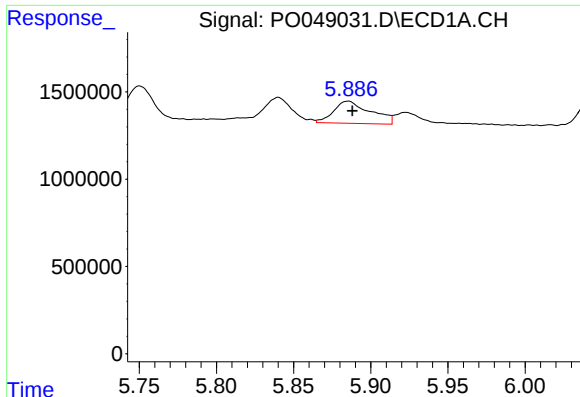
#16 AR-1242-1

R.T.: 5.135 min
Delta R.T.: -0.003 min
Response: 1089865
Conc: 652.05 ng/ml



#16 AR-1242-1

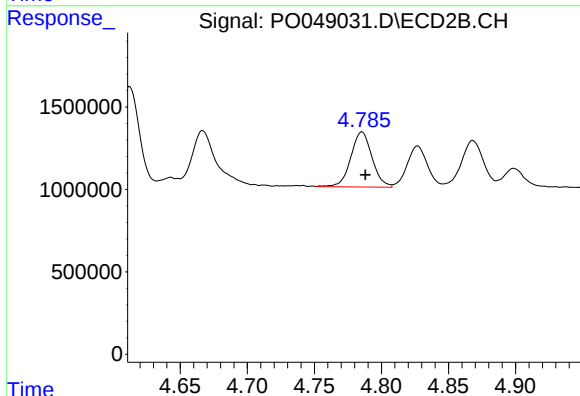
R.T.: 4.207 min
Delta R.T.: -0.002 min
Response: 1424509
Conc: 754.56 ng/ml



#17 AR-1242-2

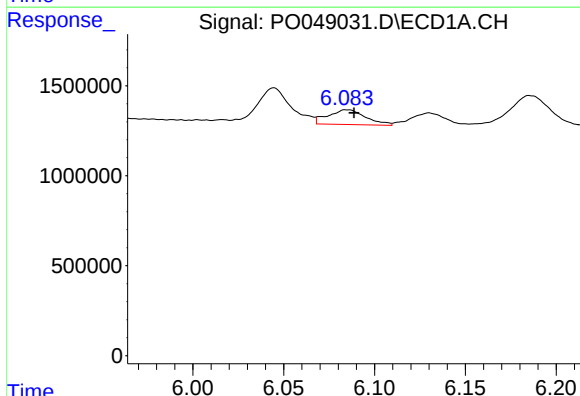
R.T.: 5.885 min
Delta R.T.: -0.003 min
Response: 2121982
Conc: 652.04 ng/ml

Instrument :
ECD_O
ClientSampleId :



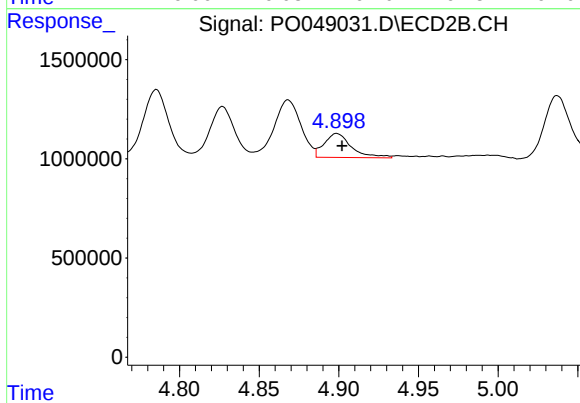
#17 AR-1242-2

R.T.: 4.785 min
Delta R.T.: -0.003 min
Response: 3670158
Conc: 882.44 ng/ml



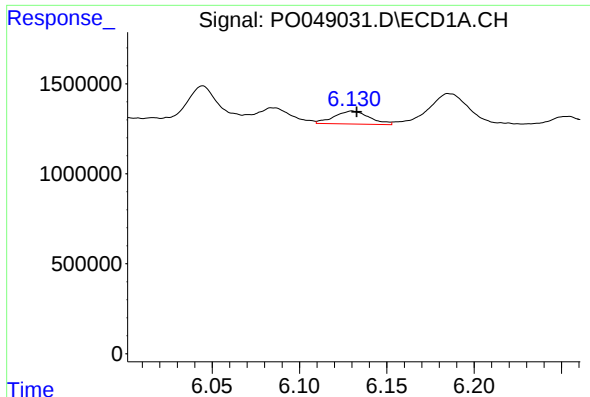
#18 AR-1242-3

R.T.: 6.085 min
Delta R.T.: -0.004 min
Response: 1184487
Conc: 754.89 ng/ml



#18 AR-1242-3

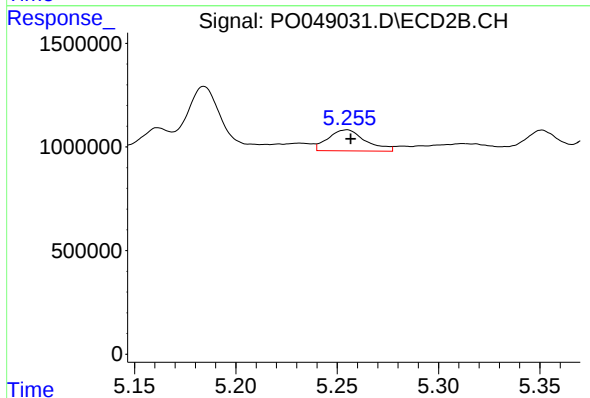
R.T.: 4.899 min
Delta R.T.: -0.003 min
Response: 1450655
Conc: 991.20 ng/ml



#19 AR-1242-4

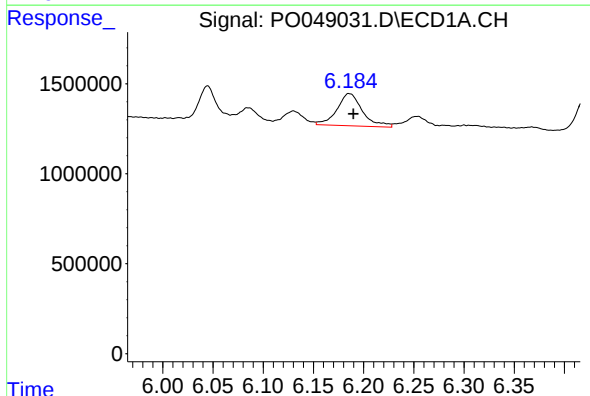
R.T.: 6.130 min
Delta R.T.: -0.003 min
Response: 1011683
Conc: 841.65 ng/ml

Instrument :
ECD_O
ClientSampleId :



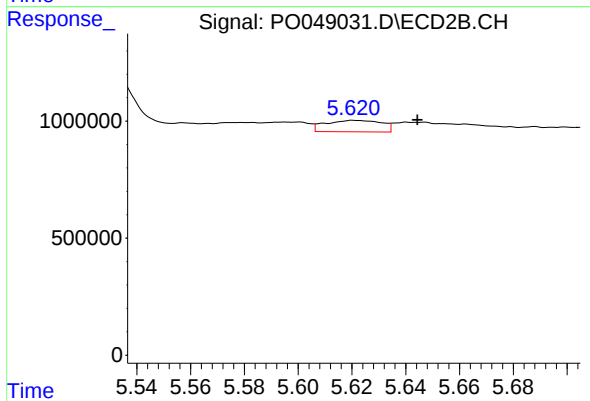
#19 AR-1242-4

R.T.: 5.255 min
Delta R.T.: -0.002 min
Response: 1307939
Conc: 1038.82 ng/ml



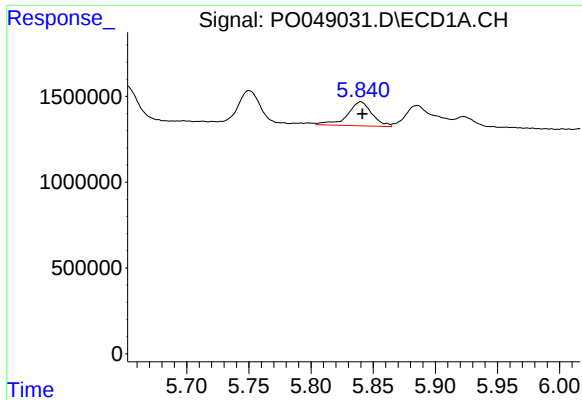
#20 AR-1242-5

R.T.: 6.186 min
Delta R.T.: -0.004 min
Response: 3162917
Conc: 728.26 ng/ml



#20 AR-1242-5

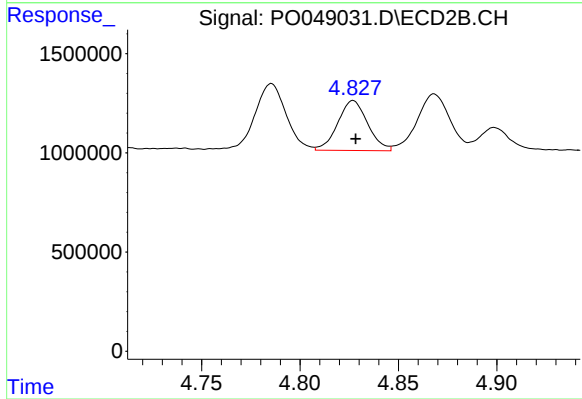
R.T.: 5.621 min
Delta R.T.: -0.023 min
Response: 704866
Conc: 208.24 ng/ml



#21 AR-1248-1

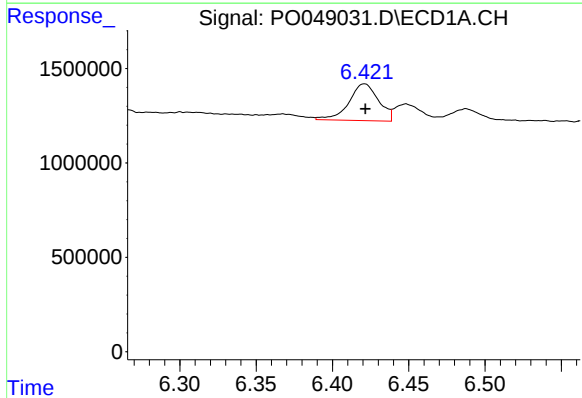
R.T.: 5.840 min
Delta R.T.: -0.001 min
Response: 1919867
Conc: 345.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



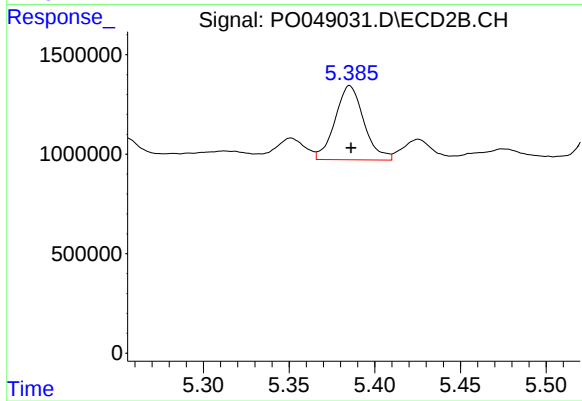
#21 AR-1248-1

R.T.: 4.827 min
Delta R.T.: -0.001 min
Response: 2663335
Conc: 397.10 ng/ml



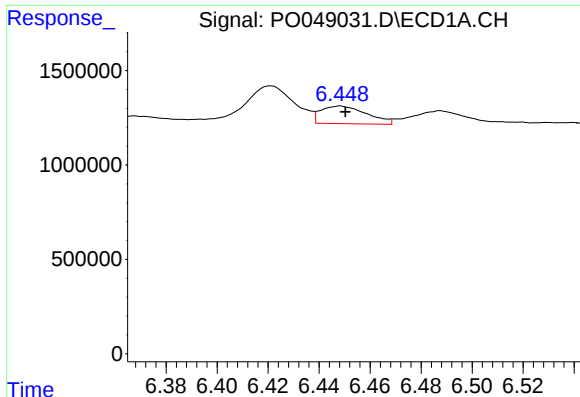
#22 AR-1248-2

R.T.: 6.421 min
Delta R.T.: 0.000 min
Response: 2640194
Conc: 433.90 ng/ml



#22 AR-1248-2

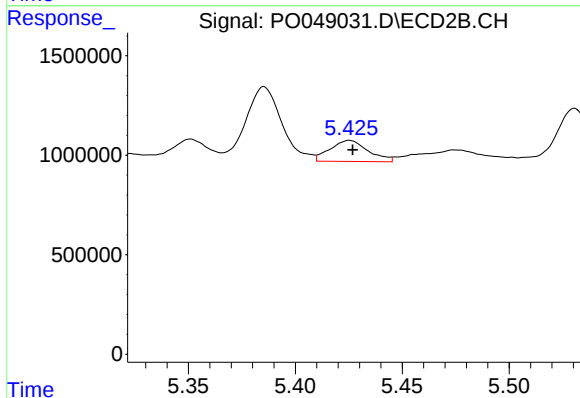
R.T.: 5.385 min
Delta R.T.: 0.000 min
Response: 4376158
Conc: 344.25 ng/ml



#23 AR-1248-3

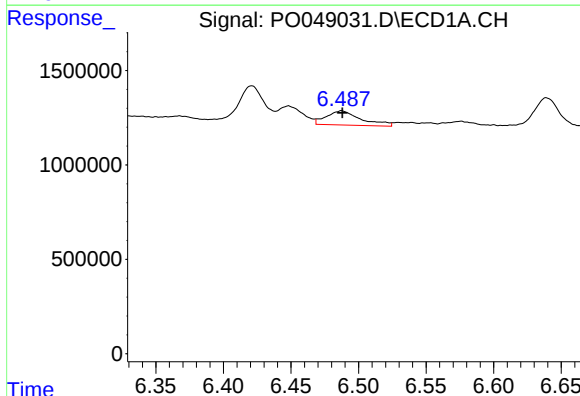
R.T.: 6.448 min
Delta R.T.: -0.002 min
Response: 1169277
Conc: 145.68 ng/ml

Instrument :
ECD_O
ClientSampleId :



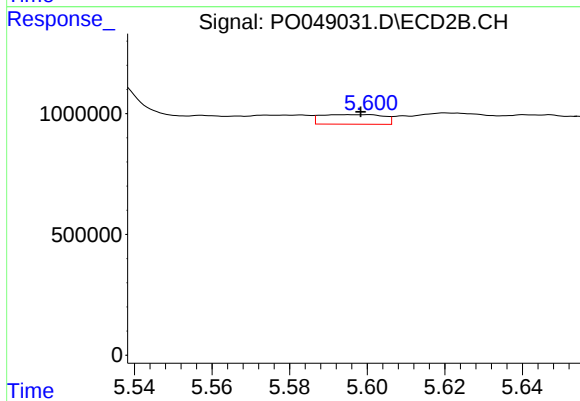
#23 AR-1248-3

R.T.: 5.425 min
Delta R.T.: -0.001 min
Response: 1314095
Conc: 146.39 ng/ml



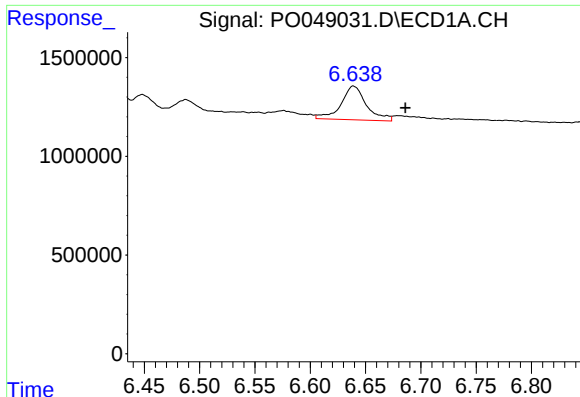
#24 AR-1248-4

R.T.: 6.488 min
Delta R.T.: 0.000 min
Response: 1334629
Conc: 174.05 ng/ml



#24 AR-1248-4

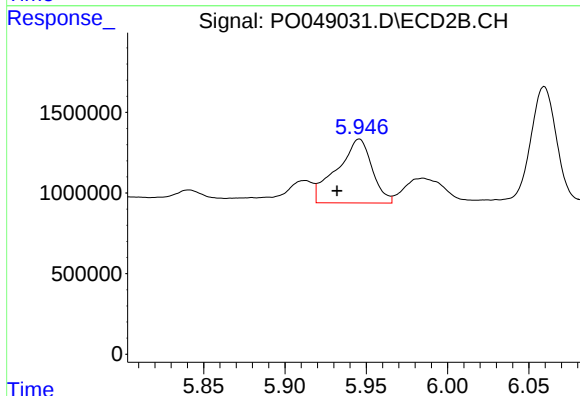
R.T.: 5.600 min
Delta R.T.: 0.001 min
Response: 444276
Conc: 54.74 ng/ml



#25 AR-1248-5

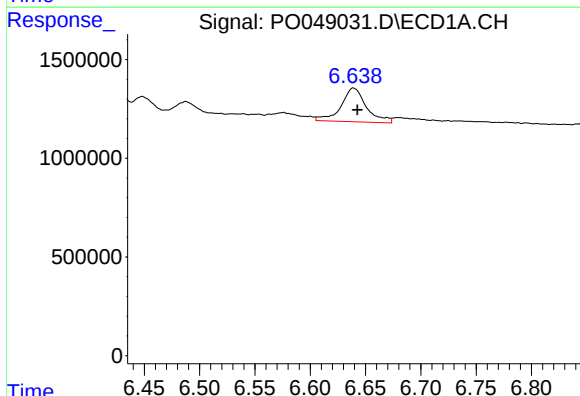
R.T.: 6.639 min
Delta R.T.: -0.047 min
Response: 2725717
Conc: 520.10 ng/ml

Instrument :
ECD_O
ClientSampleId :



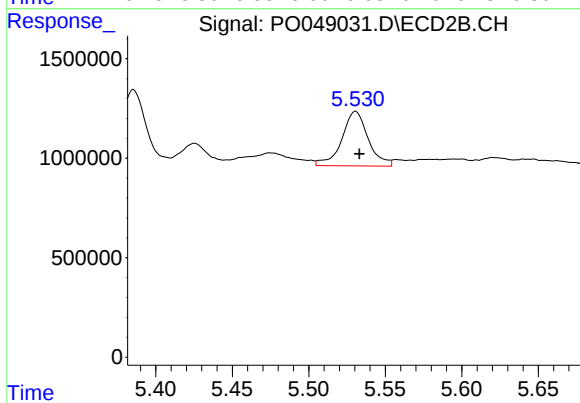
#25 AR-1248-5

R.T.: 5.946 min
Delta R.T.: 0.014 min
Response: 5964625
Conc: 951.04 ng/ml



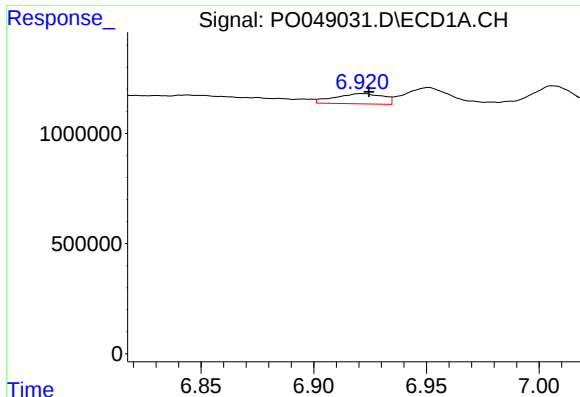
#26 AR-1254-1

R.T.: 6.639 min
Delta R.T.: -0.004 min
Response: 2725717
Conc: 174.99 ng/ml



#26 AR-1254-1

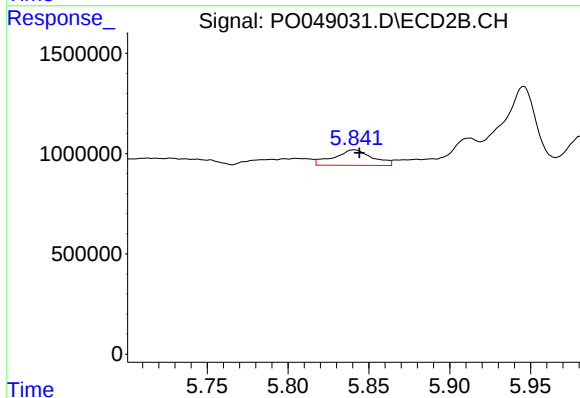
R.T.: 5.531 min
Delta R.T.: -0.002 min
Response: 3305362
Conc: 249.29 ng/ml



#27 AR-1254-2

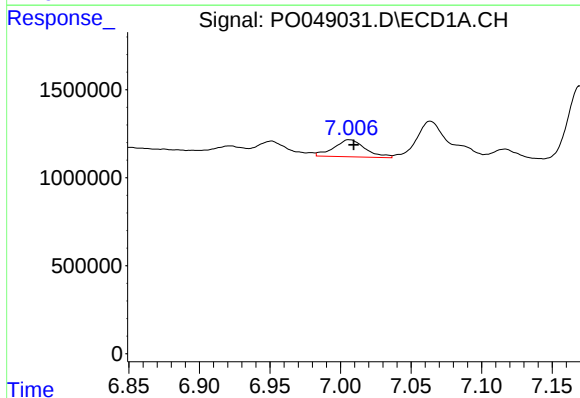
R.T.: 6.922 min
Delta R.T.: -0.003 min
Response: 695706
Conc: 68.56 ng/ml

Instrument :
ECD_O
ClientSampleId :



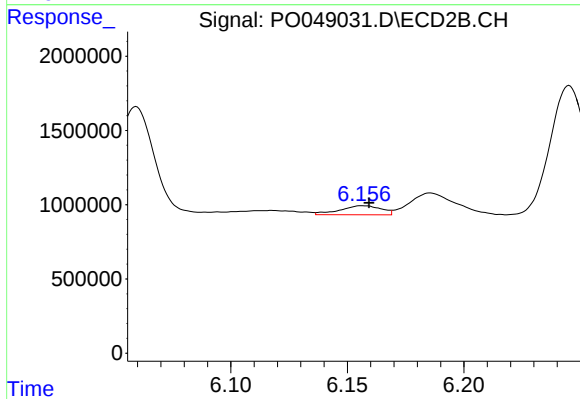
#27 AR-1254-2

R.T.: 5.841 min
Delta R.T.: -0.003 min
Response: 1276990
Conc: 109.42 ng/ml



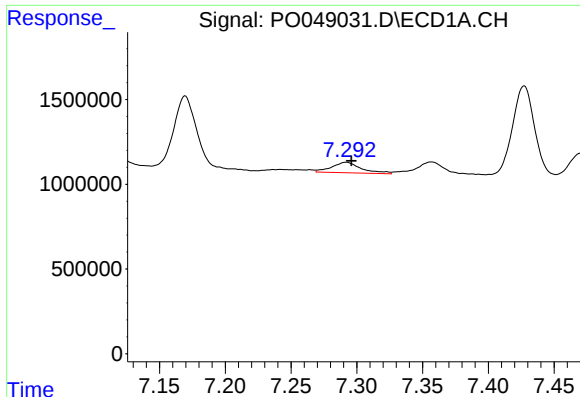
#28 AR-1254-3

R.T.: 7.006 min
Delta R.T.: -0.003 min
Response: 1505698
Conc: 84.03 ng/ml



#28 AR-1254-3

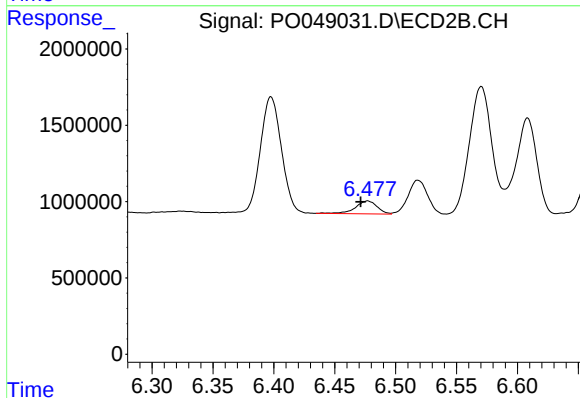
R.T.: 6.157 min
Delta R.T.: -0.002 min
Response: 755781
Conc: 51.17 ng/ml



#29 AR-1254-4

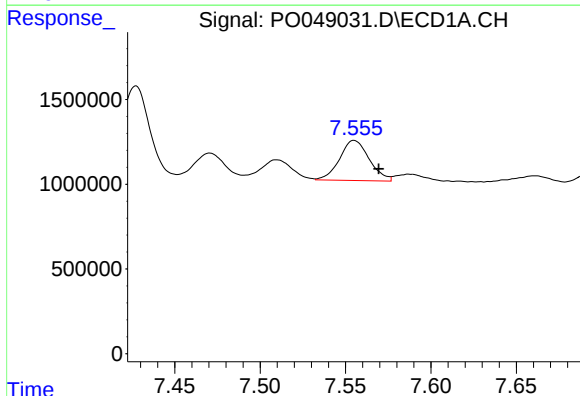
R.T.: 7.292 min
Delta R.T.: -0.004 min
Response: 981015
Conc: 70.95 ng/ml

Instrument :
ECD_O
ClientSampleId :



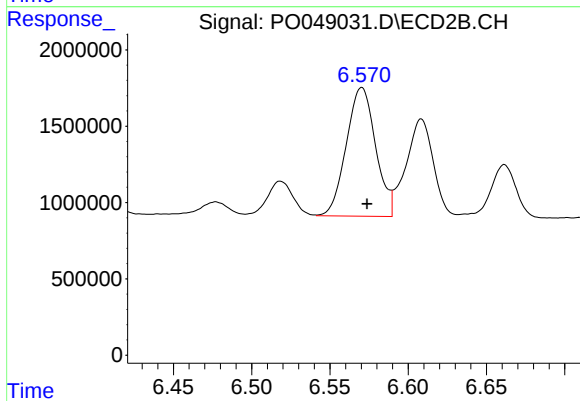
#29 AR-1254-4

R.T.: 6.477 min
Delta R.T.: 0.006 min
Response: 1057884
Conc: 94.66 ng/ml



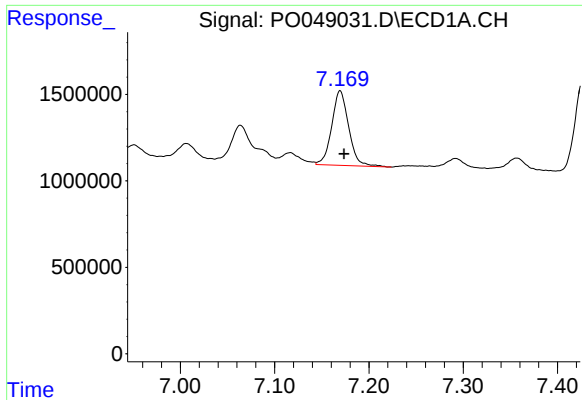
#30 AR-1254-5

R.T.: 7.555 min
Delta R.T.: -0.014 min
Response: 2871728
Conc: 284.47 ng/ml



#30 AR-1254-5

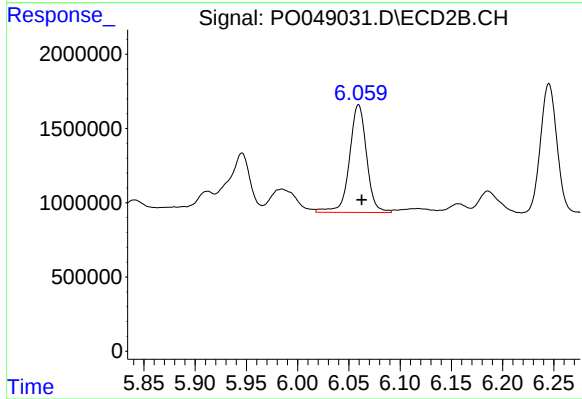
R.T.: 6.570 min
Delta R.T.: -0.003 min
Response: 11009244
Conc: 525.92 ng/ml



#31 AR-1260-1

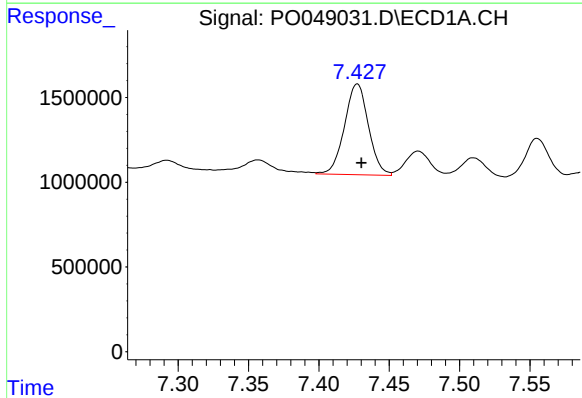
R.T.: 7.170 min
Delta R.T.: -0.004 min
Response: 5382206
Conc: 430.46 ng/ml

Instrument :
ECD_O
ClientSampleId :



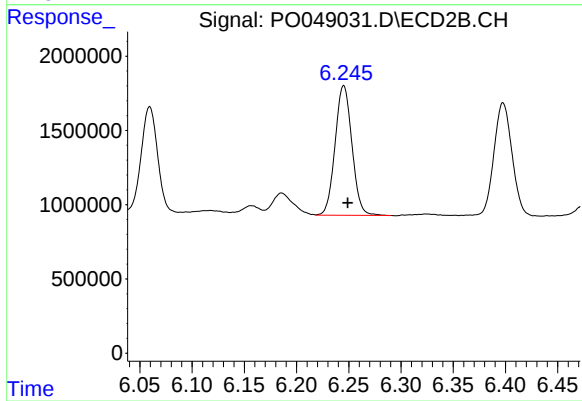
#31 AR-1260-1

R.T.: 6.059 min
Delta R.T.: -0.003 min
Response: 8444030
Conc: 622.45 ng/ml



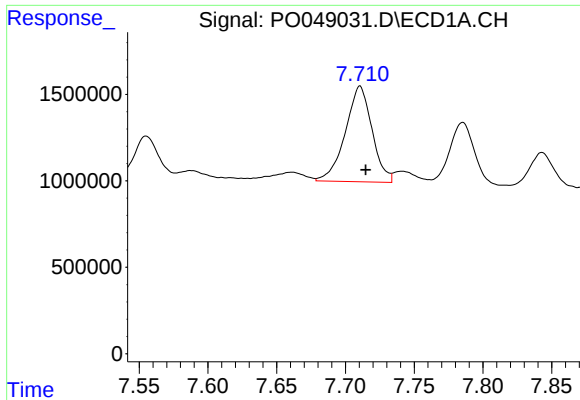
#32 AR-1260-2

R.T.: 7.427 min
Delta R.T.: -0.003 min
Response: 6364349
Conc: 458.70 ng/ml



#32 AR-1260-2

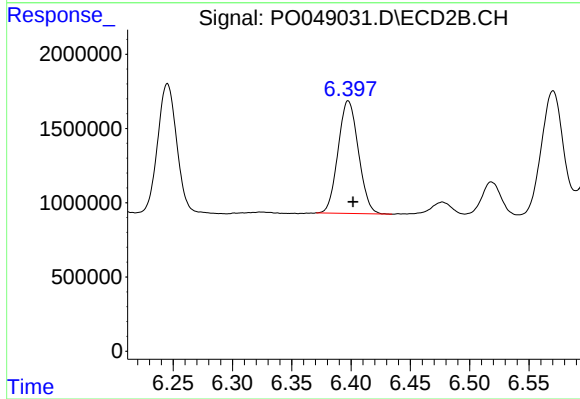
R.T.: 6.245 min
Delta R.T.: -0.004 min
Response: 9769156
Conc: 575.99 ng/ml



#33 AR-1260-3

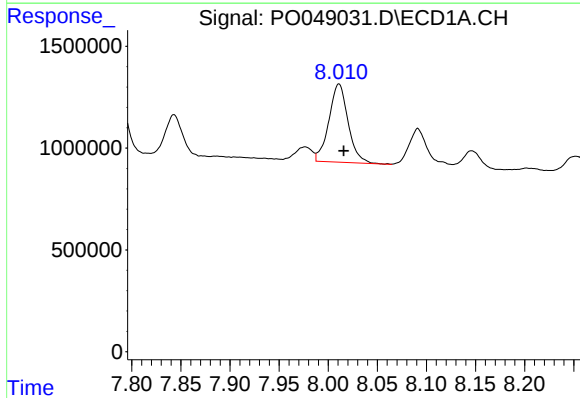
R.T.: 7.711 min
Delta R.T.: -0.004 min
Response: 7481279
Conc: 498.37 ng/ml

Instrument :
ECD_O
ClientSampleId :



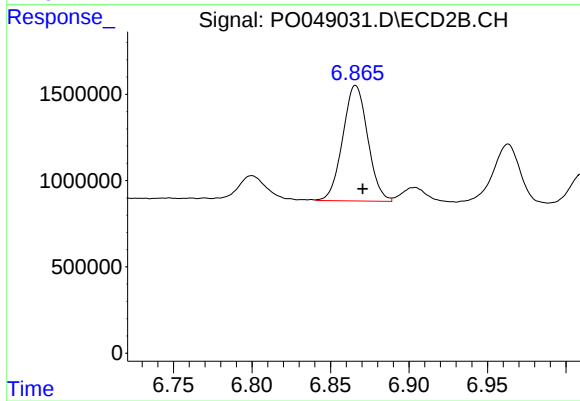
#33 AR-1260-3

R.T.: 6.398 min
Delta R.T.: -0.004 min
Response: 9041825
Conc: 562.66 ng/ml



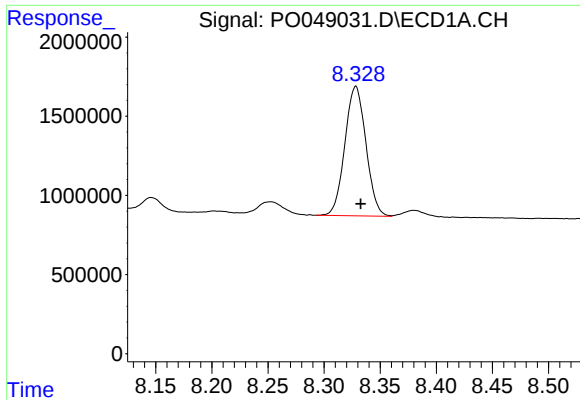
#34 AR-1260-4

R.T.: 8.011 min
Delta R.T.: -0.005 min
Response: 5238329
Conc: 523.50 ng/ml



#34 AR-1260-4

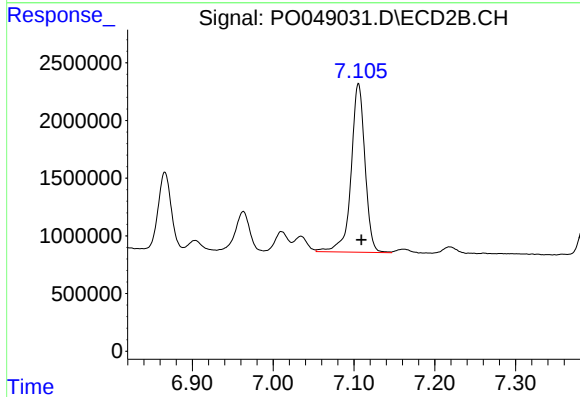
R.T.: 6.866 min
Delta R.T.: -0.005 min
Response: 7416576
Conc: 557.44 ng/ml



#35 AR-1260-5

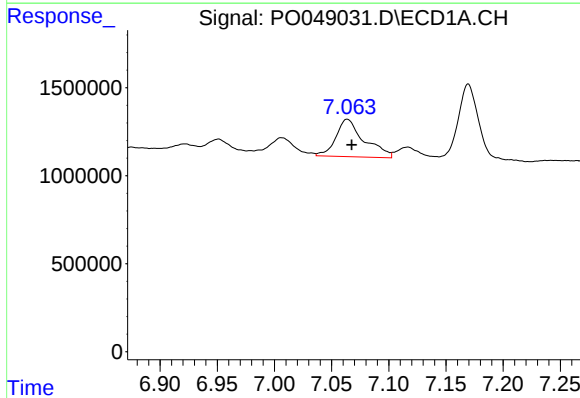
R.T.: 8.328 min
Delta R.T.: -0.004 min
Response: 10695880
Conc: 525.80 ng/ml

Instrument :
ECD_O
ClientSampleId :



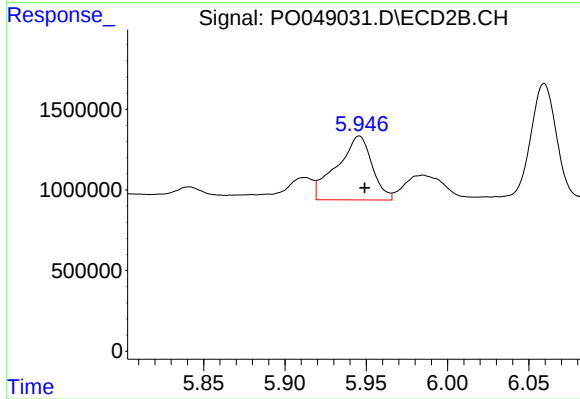
#35 AR-1260-5

R.T.: 7.106 min
Delta R.T.: -0.004 min
Response: 17421374
Conc: 566.69 ng/ml



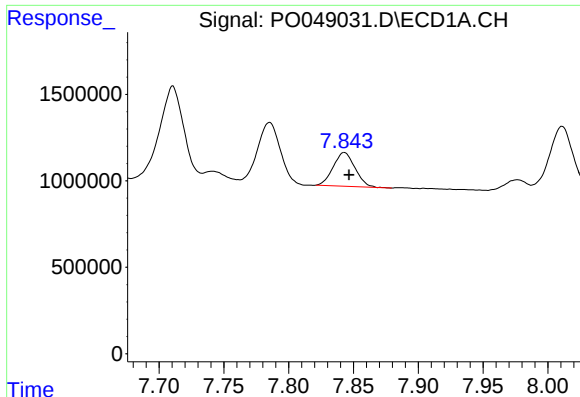
#36 AR-1262-1

R.T.: 7.064 min
Delta R.T.: -0.004 min
Response: 3652677
Conc: 555.28 ng/ml



#36 AR-1262-1

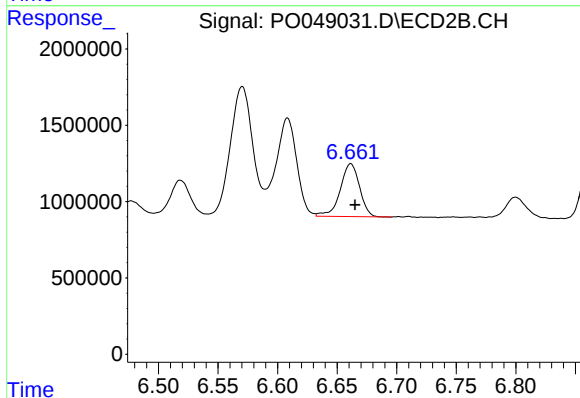
R.T.: 5.946 min
Delta R.T.: -0.003 min
Response: 5964625
Conc: 796.13 ng/ml



#37 AR-1262-2

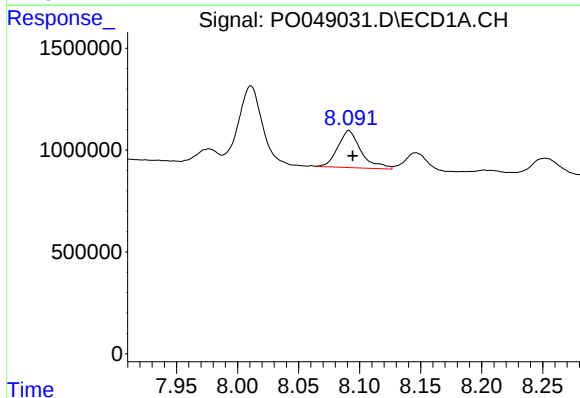
R.T.: 7.843 min
Delta R.T.: -0.004 min
Response: 2283244
Conc: 444.46 ng/ml

Instrument :
ECD_O
ClientSampleId :



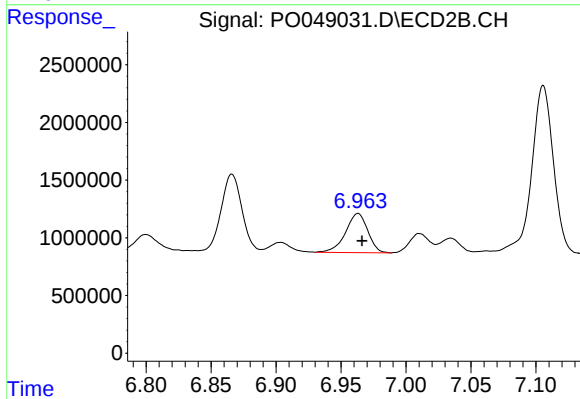
#37 AR-1262-2

R.T.: 6.661 min
Delta R.T.: -0.004 min
Response: 3914416
Conc: 519.24 ng/ml



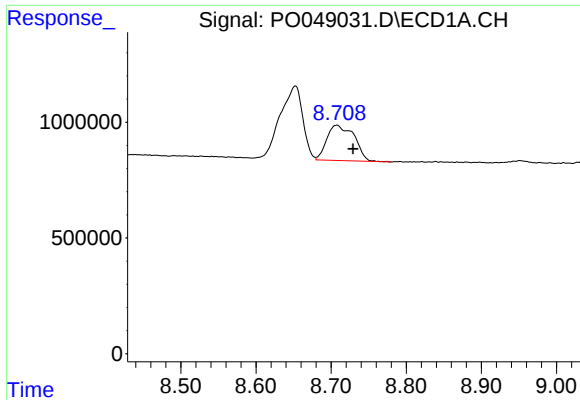
#38 AR-1262-3

R.T.: 8.091 min
Delta R.T.: -0.003 min
Response: 2411562
Conc: 474.23 ng/ml



#38 AR-1262-3

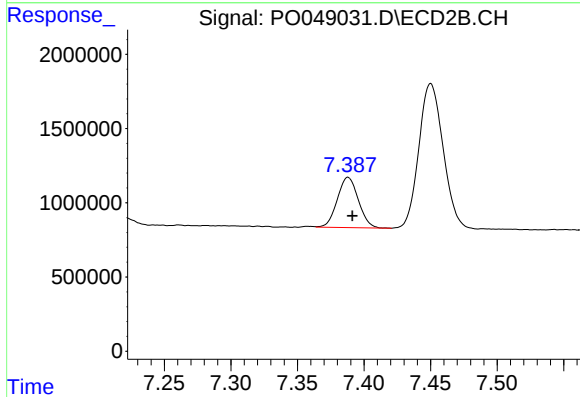
R.T.: 6.963 min
Delta R.T.: -0.003 min
Response: 4021636
Conc: 489.42 ng/ml



#39 AR-1262-4

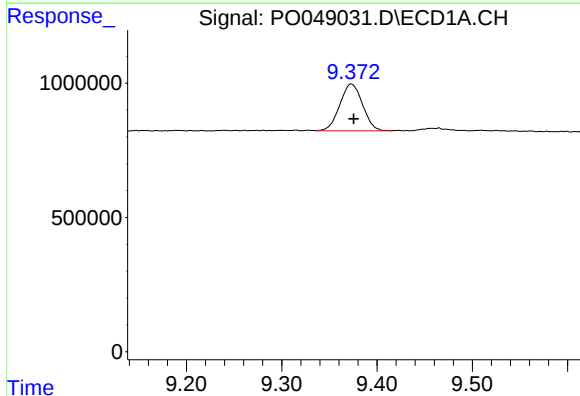
R.T.: 8.708 min
Delta R.T.: -0.022 min
Response: 3870604
Conc: 358.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



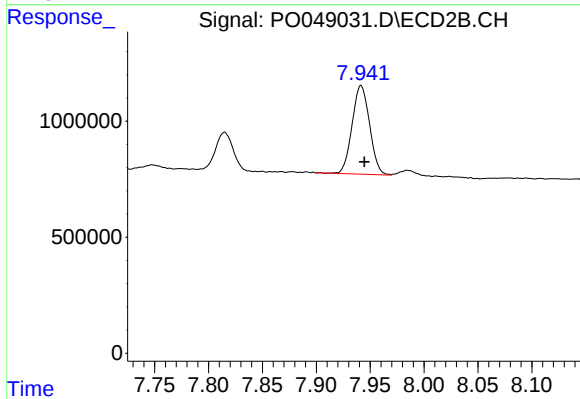
#39 AR-1262-4

R.T.: 7.388 min
Delta R.T.: -0.003 min
Response: 3734237
Conc: 302.16 ng/ml



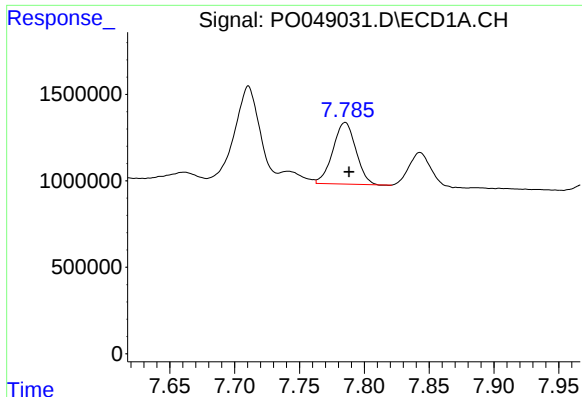
#40 AR-1262-5

R.T.: 9.373 min
Delta R.T.: -0.003 min
Response: 2900529
Conc: 354.83 ng/ml



#40 AR-1262-5

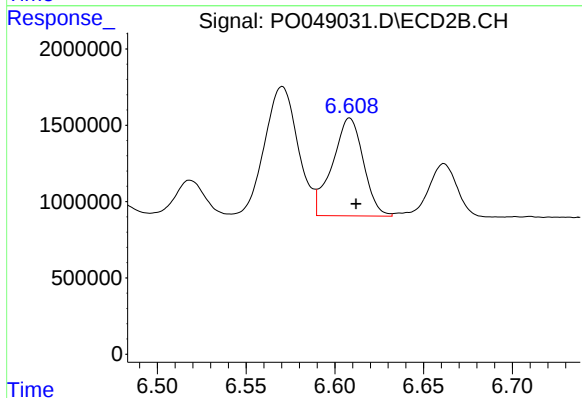
R.T.: 7.942 min
Delta R.T.: -0.003 min
Response: 4310014
Conc: 424.19 ng/ml



#41 AR-1268-1

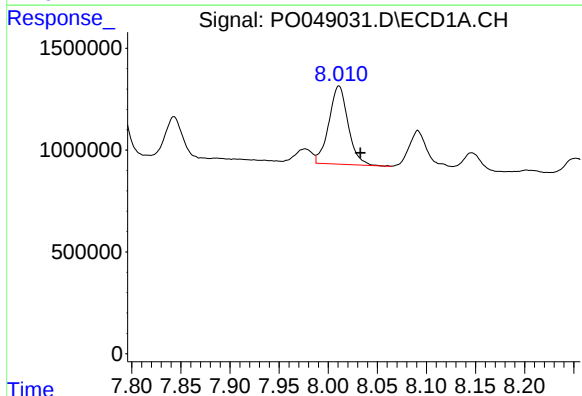
R.T.: 7.785 min
Delta R.T.: -0.003 min
Response: 4197520
Conc: 820.82 ng/ml

Instrument :
ECD_O
ClientSampleId :



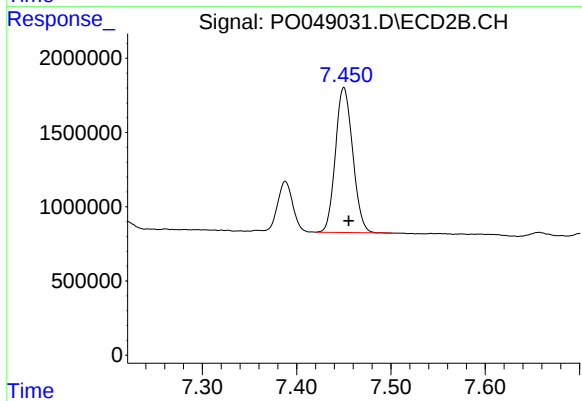
#41 AR-1268-1

R.T.: 6.608 min
Delta R.T.: -0.003 min
Response: 7801620
Conc: 1028.33 ng/ml



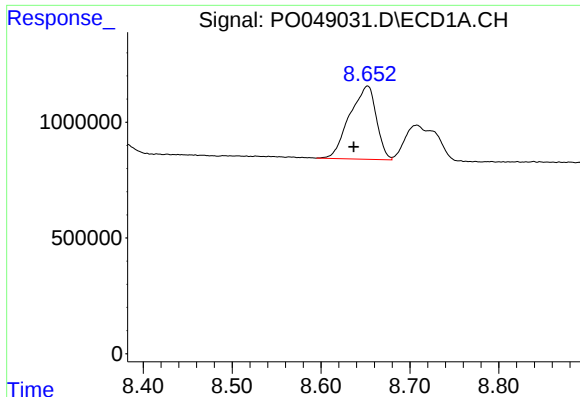
#42 AR-1268-2

R.T.: 8.011 min
Delta R.T.: -0.022 min
Response: 5238329
Conc: 856.16 ng/ml



#42 AR-1268-2

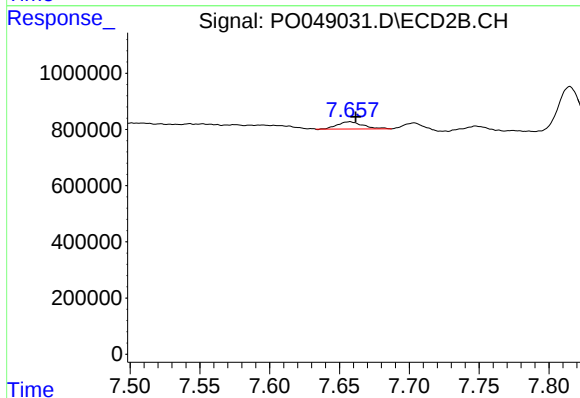
R.T.: 7.450 min
Delta R.T.: -0.005 min
Response: 12412644
Conc: 373.24 ng/ml



#43 AR-1268-3

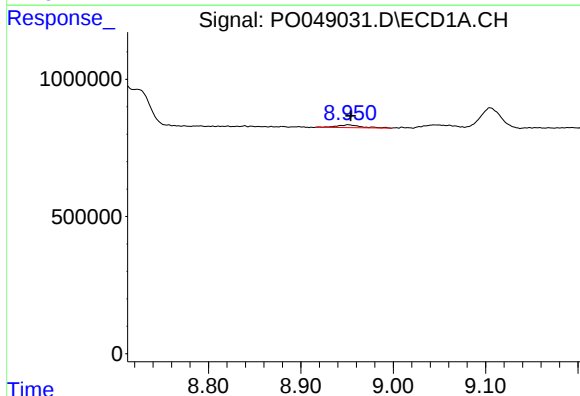
R.T.: 8.652 min
Delta R.T.: 0.015 min
Response: 6600062
Conc: 251.78 ng/ml

Instrument :
ECD_O
ClientSampleId :



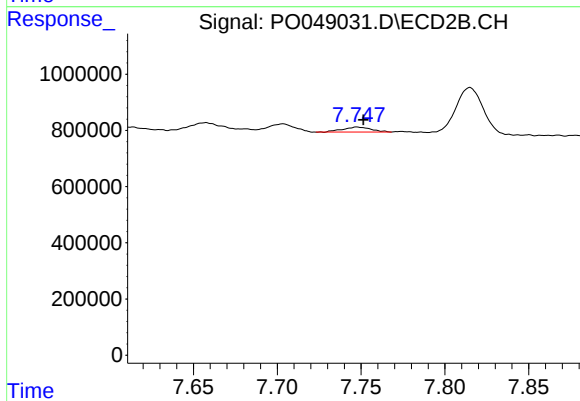
#43 AR-1268-3

R.T.: 7.657 min
Delta R.T.: -0.004 min
Response: 324072
Conc: 11.87 ng/ml



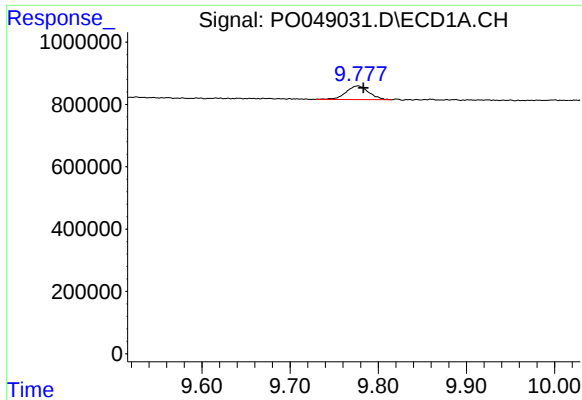
#44 AR-1268-4

R.T.: 8.951 min
Delta R.T.: -0.003 min
Response: 187123
Conc: 8.68 ng/ml



#44 AR-1268-4

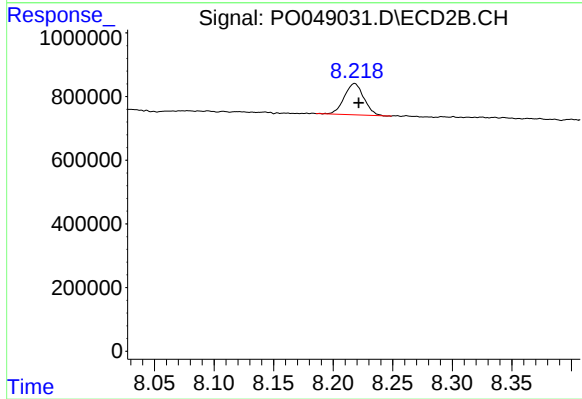
R.T.: 7.748 min
Delta R.T.: -0.004 min
Response: 208014
Conc: 26.85 ng/ml



#45 AR-1268-5

R.T.: 9.777 min
Delta R.T.: -0.006 min
Response: 783110
Conc: 10.59 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.218 min
Delta R.T.: -0.003 min
Response: 1131878
Conc: 15.96 ng/ml