

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0041520\
 Data File : P0067832.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 15 Apr 2020 10:32
 Operator : DD\AJ
 Sample : L2230-51
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 15 12:25:38 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0040120.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Apr 03 16:04:09 2020
 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...	4.927	3.940	487350	661932	20.465	19.749
2)	SA Decachlor...	10.903	9.223	941912	1072040	27.668	25.929
Target Compounds							
3)	L1 AR-1016-1	6.248	5.215	47300	84025	45.867	57.319
4)	L1 AR-1016-2	6.271	5.215	87396	84025	61.941	42.892 #
5)	L1 AR-1016-3	6.340	5.401	43694	217797	49.710	208.246 #
6)	L1 AR-1016-4	6.447	5.458	71299	89416	101.108	100.234
7)	L1 AR-1016-5	6.757	5.694	64596	222452	89.836	196.579 #
8)	L2 AR-1221-1	0.000	4.269	0	28222	N.D.	63.511 #
9)	L2 AR-1221-2	0.000	4.303	0	49577	N.D.	157.209 #
10)	L2 AR-1221-3	0.000	4.435	0	166353	N.D.	169.447 #
11)	L3 AR-1232-1	0.000	4.435	0	166353	N.D.	240.372 #
12)	L3 AR-1232-2	5.920	5.215	243823	84025	908.848	115.838 #
13)	L3 AR-1232-3	6.271	5.401	87396	217797	166.730	565.029 #
14)	L3 AR-1232-4	6.447	5.501	71299	99211	277.348	280.443
15)	L3 AR-1232-5	6.539	5.694	140412	222452	749.616	582.129
16)	L4 AR-1242-1	6.248	5.215	47300	84025	68.894	85.639
17)	L4 AR-1242-2	6.271	5.215	87396	84025	93.016	64.486 #
18)	L4 AR-1242-3	6.340	5.401	43694	217797	74.560	304.579 #
19)	L4 AR-1242-4	6.447	5.501	71299	99211	151.600	137.830
20)	L4 AR-1242-5	7.227	6.067	317211	831782	593.782	888.904 #
21)	L5 AR-1248-1	6.248	5.215	47300	84025	88.161	107.557
22)	L5 AR-1248-2	6.539	5.458	140412	89416	199.566	88.862 #
23)	L5 AR-1248-3	6.757	5.501	64596	99211	79.369	96.997
24)	L5 AR-1248-4	7.227	5.694	317211	222452	336.222	178.494 #
25)	L5 AR-1248-5	7.227	6.105	317211	219506	351.988	177.382 #
26)	L6 AR-1254-1	7.160	6.067	882855	831782	714.801	324.391 #
27)	L6 AR-1254-2	7.387	6.223	906628	497504	460.991	218.141 #
28)	L6 AR-1254-3	7.769	6.645	1781015	626745	858.287	171.658 #
29)	L6 AR-1254-4	8.060	6.883	420349	350679	258.072	145.470 #
30)	L6 AR-1254-5	8.486	7.312	635190	1200858	370.216	359.784
31)	L7 AR-1260-1	7.929	6.781	712763	838693	527.413	400.057
32)	L7 AR-1260-2	8.194	6.980	3243741	809002	1921.449	315.064 #
33)	L7 AR-1260-3	8.559	7.134	698904	527046	536.181	219.175 #
34)	L7 AR-1260-4	8.802	7.614	343931	691330	223.797	328.939 #
35)	L7 AR-1260-5	9.111	7.861	582514	1351868	184.655	267.034 #
36)	L8 AR-1262-1	8.559	7.312	698904	1200858	416.892	866.594 #
37)	L8 AR-1262-2	9.111	7.861	582514	1351868	203.004	295.679 #
38)	L8 AR-1262-3	9.416	8.148	1429467	1546327	686.966	786.751
39)	L8 AR-1262-4	9.512	8.212	1450743	1896604	916.821	553.273 #
40)	L8 AR-1262-5	10.167	8.706	578399	717712	490.552	422.223
41)	L9 AR-1268-1	9.416	8.148	1429467	1546327	386.849	287.387 #

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 ALS Vial : 10 Sample Multiplier: 1

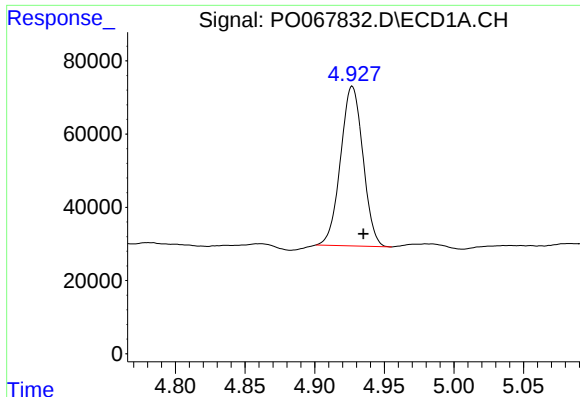
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
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 Signal #1 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	9.512	8.212	1450743	1896604	418.568	384.121
43) L9	AR-1268-3	9.735	8.421	878615	1038303	302.580	247.721
44) L9	AR-1268-4	10.167	8.706	578399	717712	416.647	370.934
45) L9	AR-1268-5	10.573	8.983	2771667	3062664	279.556	237.489

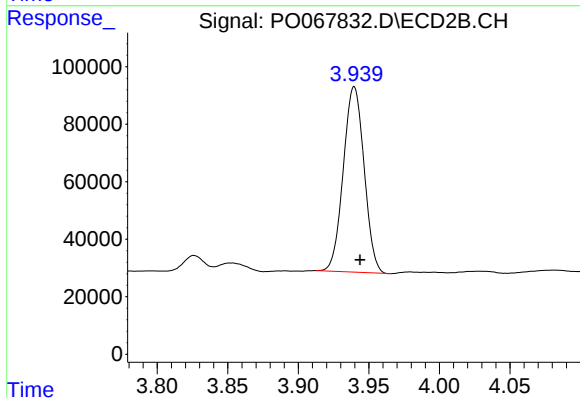
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

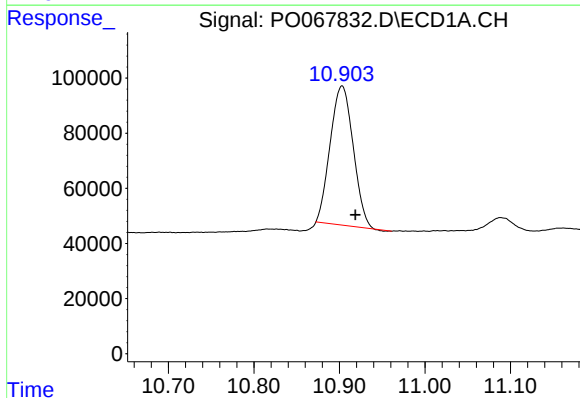
R.T.: 4.927 min
Delta R.T.: -0.008 min
Response: 487350
Conc: 20.46 ng/ml

Instrument :
ECD_O
ClientSampleId :



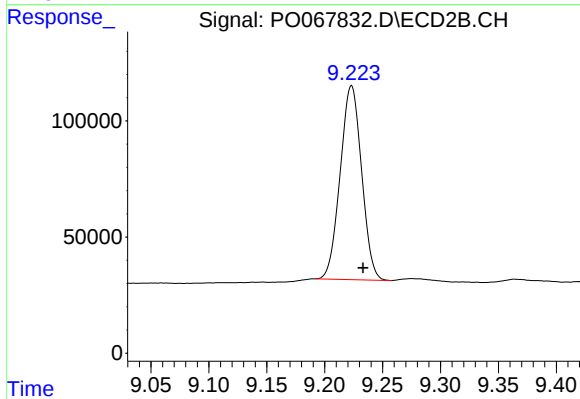
#1 Tetrachloro-m-xylene

R.T.: 3.940 min
Delta R.T.: -0.004 min
Response: 661932
Conc: 19.75 ng/ml



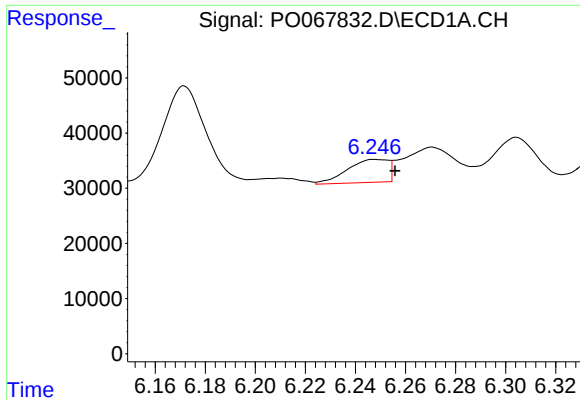
#2 Decachlorobiphenyl

R.T.: 10.903 min
Delta R.T.: -0.016 min
Response: 941912
Conc: 27.67 ng/ml



#2 Decachlorobiphenyl

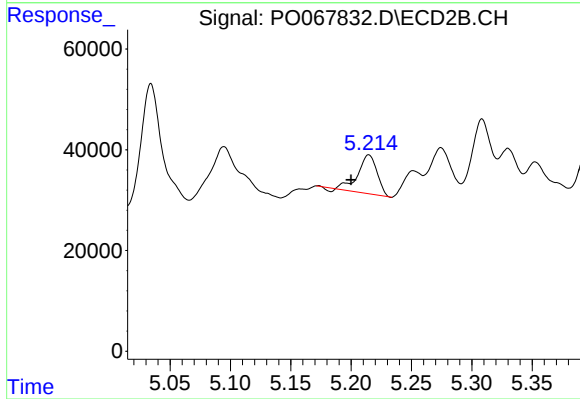
R.T.: 9.223 min
Delta R.T.: -0.010 min
Response: 1072040
Conc: 25.93 ng/ml



#3 AR-1016-1

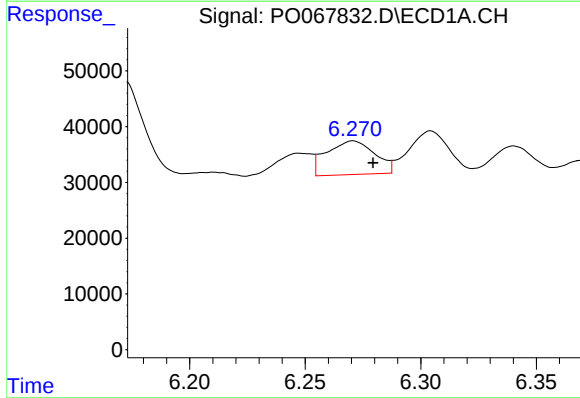
R.T.: 6.248 min
Delta R.T.: -0.008 min
Response: 47300
Conc: 45.87 ng/ml

Instrument :
ECD_O
ClientSampleId :



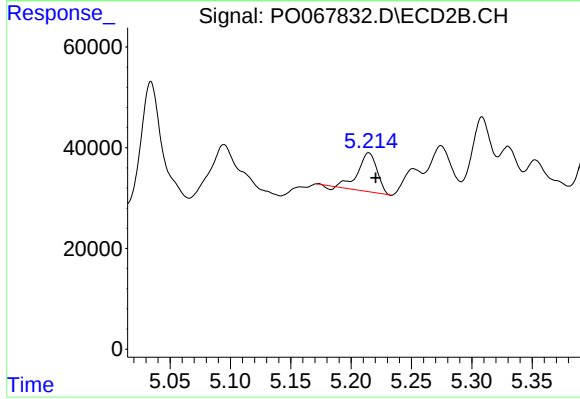
#3 AR-1016-1

R.T.: 5.215 min
Delta R.T.: 0.015 min
Response: 84025
Conc: 57.32 ng/ml



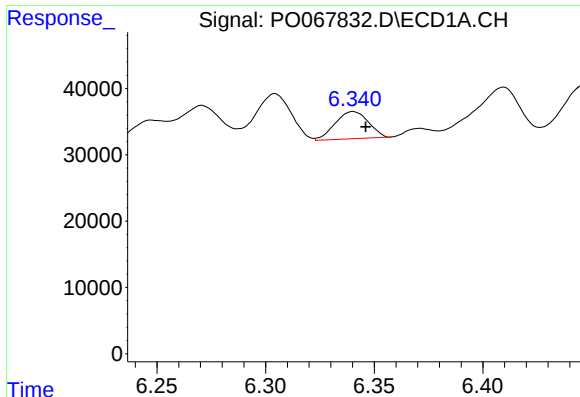
#4 AR-1016-2

R.T.: 6.271 min
Delta R.T.: -0.009 min
Response: 87396
Conc: 61.94 ng/ml



#4 AR-1016-2

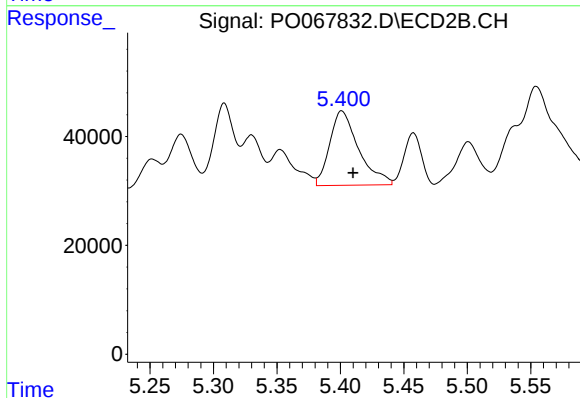
R.T.: 5.215 min
Delta R.T.: -0.006 min
Response: 84025
Conc: 42.89 ng/ml



#5 AR-1016-3

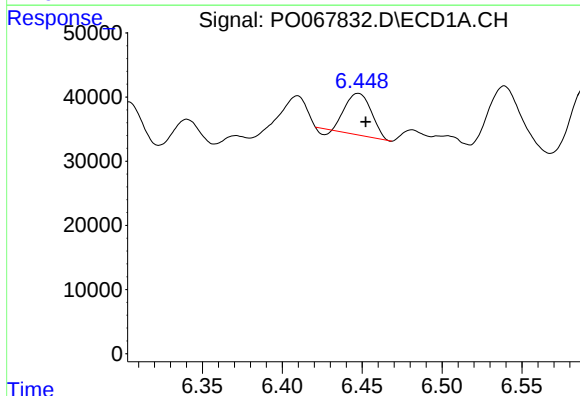
R.T.: 6.340 min
Delta R.T.: -0.006 min
Response: 43694
Conc: 49.71 ng/ml

Instrument :
ECD_O
ClientSampleId :



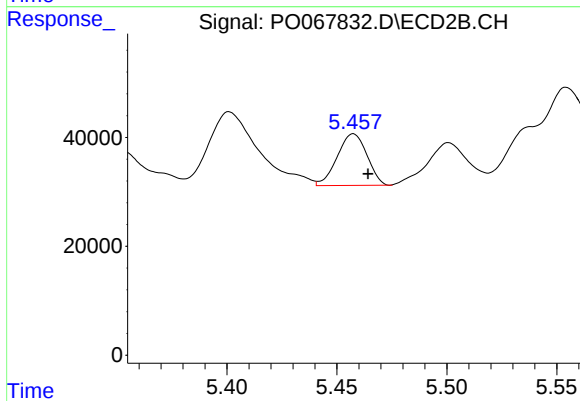
#5 AR-1016-3

R.T.: 5.401 min
Delta R.T.: -0.008 min
Response: 217797
Conc: 208.25 ng/ml



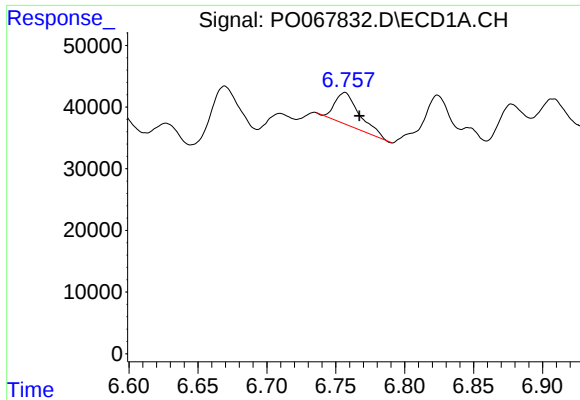
#6 AR-1016-4

R.T.: 6.447 min
Delta R.T.: -0.005 min
Response: 71299
Conc: 101.11 ng/ml



#6 AR-1016-4

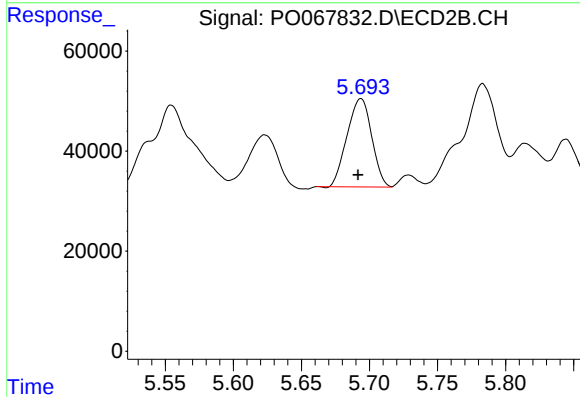
R.T.: 5.458 min
Delta R.T.: -0.007 min
Response: 89416
Conc: 100.23 ng/ml



#7 AR-1016-5

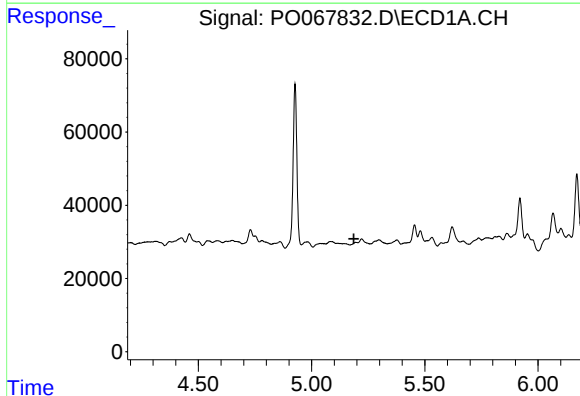
R.T.: 6.757 min
Delta R.T.: -0.011 min
Response: 64596
Conc: 89.84 ng/ml

Instrument :
ECD_O
ClientSampleId :



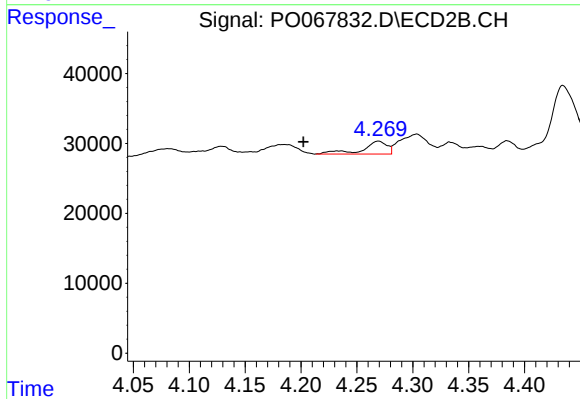
#7 AR-1016-5

R.T.: 5.694 min
Delta R.T.: 0.002 min
Response: 222452
Conc: 196.58 ng/ml



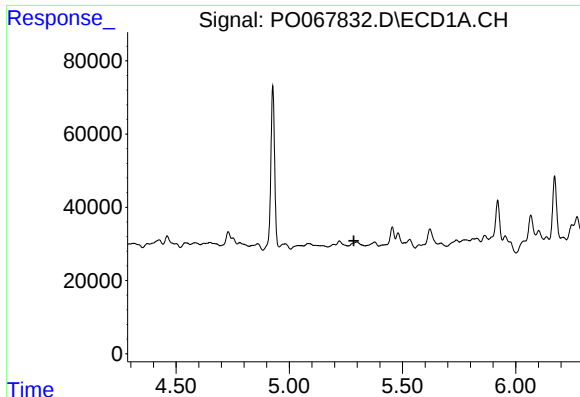
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 5.187 min
Response: 0
Conc: N.D.



#8 AR-1221-1

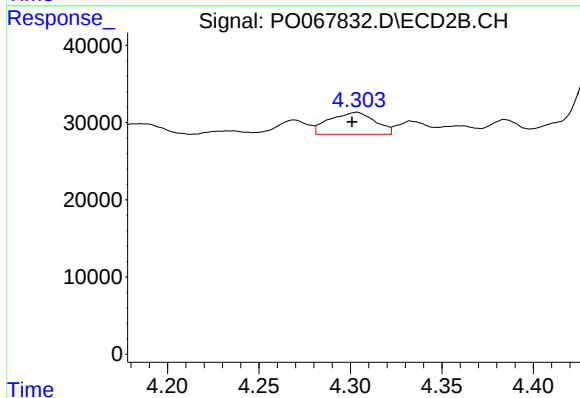
R.T.: 4.269 min
Delta R.T.: 0.067 min
Response: 28222
Conc: 63.51 ng/ml



#9 AR-1221-2

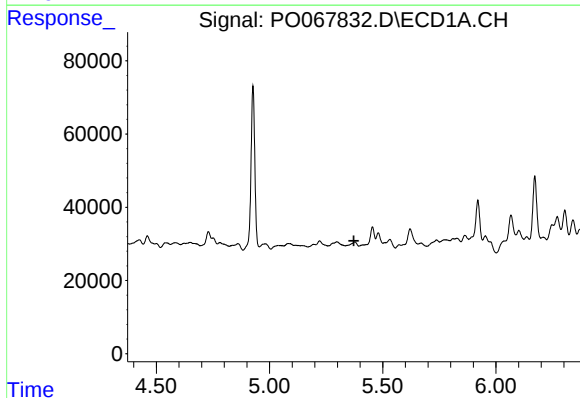
R.T.: 0.000 min
Exp R.T.: 5.285 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



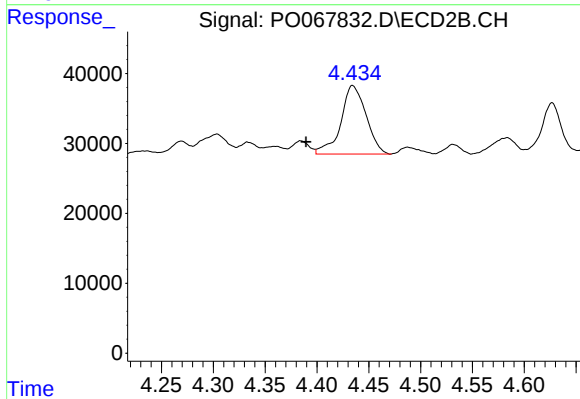
#9 AR-1221-2

R.T.: 4.303 min
Delta R.T.: 0.002 min
Response: 49577
Conc: 157.21 ng/ml



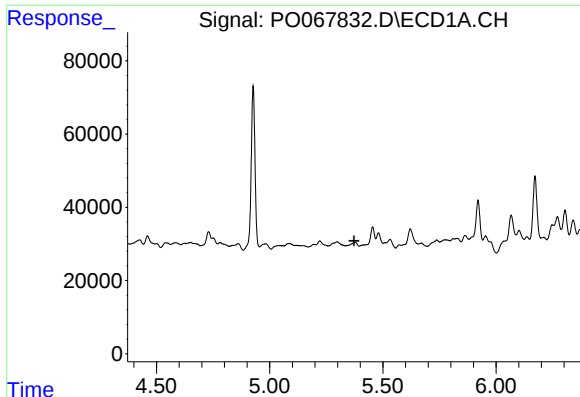
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T.: 5.373 min
Response: 0
Conc: N.D.



#10 AR-1221-3

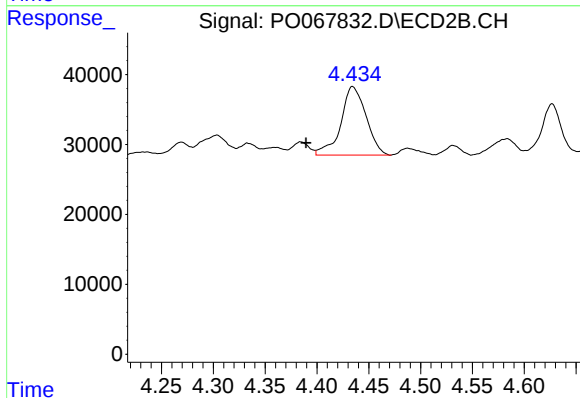
R.T.: 4.435 min
Delta R.T.: 0.045 min
Response: 166353
Conc: 169.45 ng/ml



#11 AR-1232-1

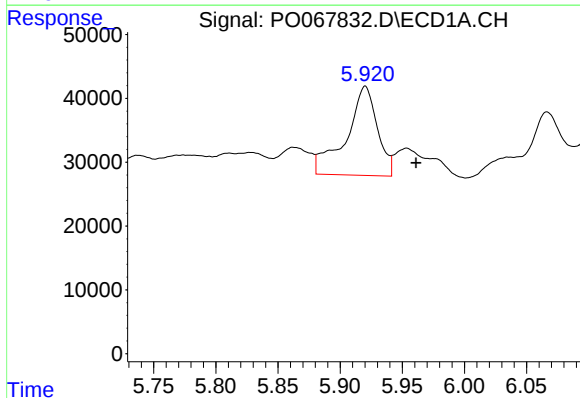
R.T.: 0.000 min
Exp R.T.: 5.372 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



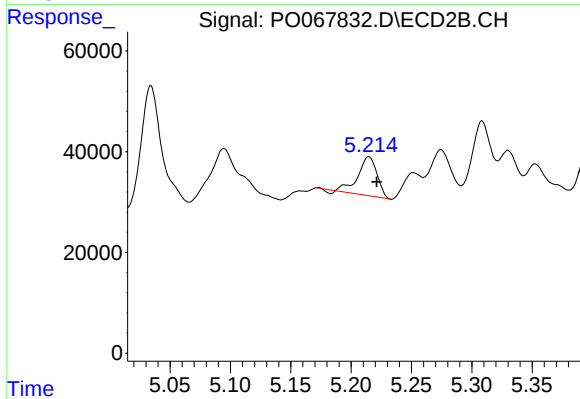
#11 AR-1232-1

R.T.: 4.435 min
Delta R.T.: 0.045 min
Response: 166353
Conc: 240.37 ng/ml



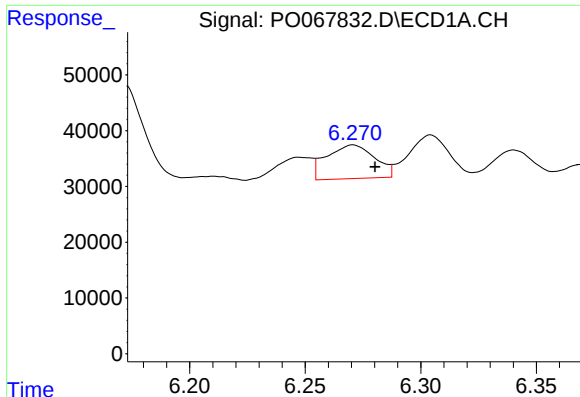
#12 AR-1232-2

R.T.: 5.920 min
Delta R.T.: -0.041 min
Response: 243823
Conc: 908.85 ng/ml



#12 AR-1232-2

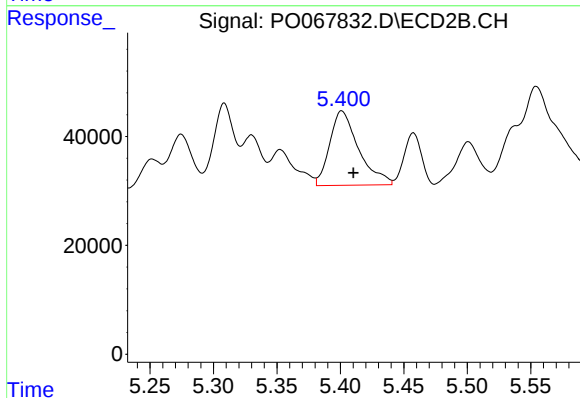
R.T.: 5.215 min
Delta R.T.: -0.006 min
Response: 84025
Conc: 115.84 ng/ml



#13 AR-1232-3

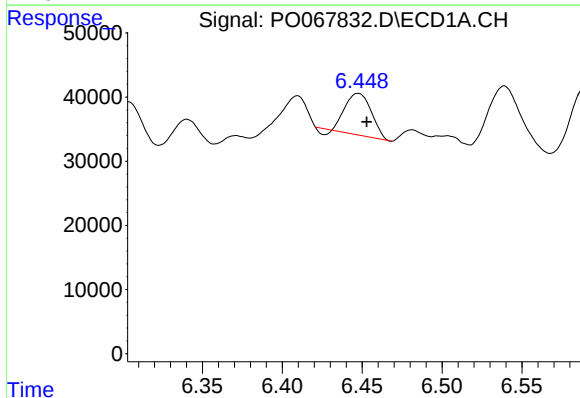
R.T.: 6.271 min
Delta R.T.: -0.009 min
Response: 87396
Conc: 166.73 ng/ml

Instrument :
ECD_O
ClientSampleId :



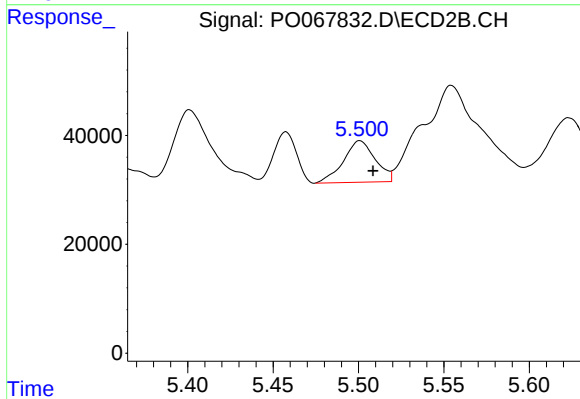
#13 AR-1232-3

R.T.: 5.401 min
Delta R.T.: -0.009 min
Response: 217797
Conc: 565.03 ng/ml



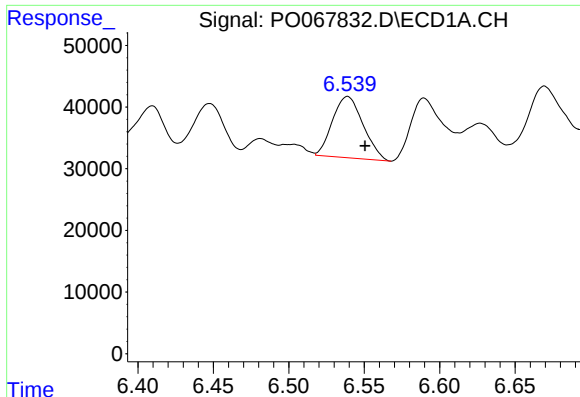
#14 AR-1232-4

R.T.: 6.447 min
Delta R.T.: -0.005 min
Response: 71299
Conc: 277.35 ng/ml



#14 AR-1232-4

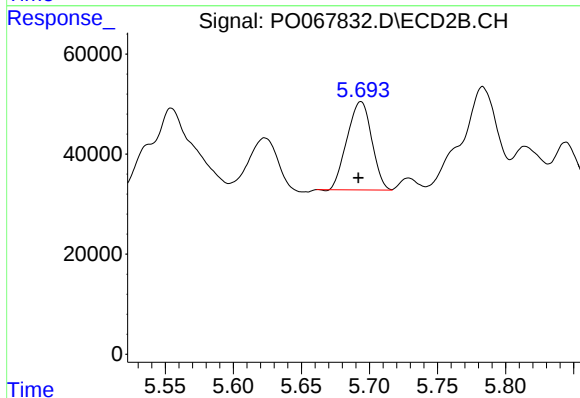
R.T.: 5.501 min
Delta R.T.: -0.008 min
Response: 99211
Conc: 280.44 ng/ml



#15 AR-1232-5

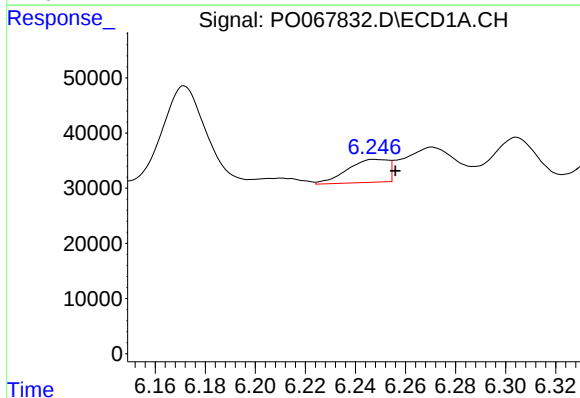
R.T.: 6.539 min
Delta R.T.: -0.011 min
Response: 140412
Conc: 749.62 ng/ml

Instrument :
ECD_O
ClientSampleId :



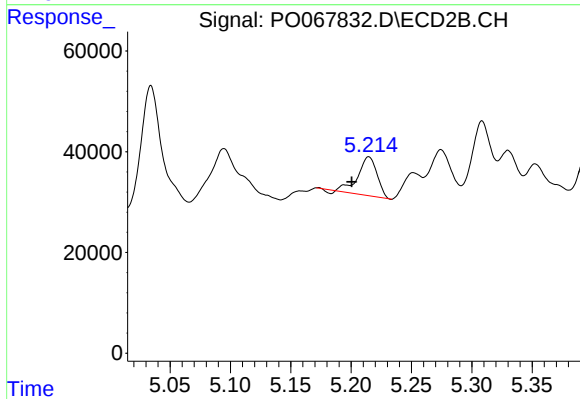
#15 AR-1232-5

R.T.: 5.694 min
Delta R.T.: 0.002 min
Response: 222452
Conc: 582.13 ng/ml



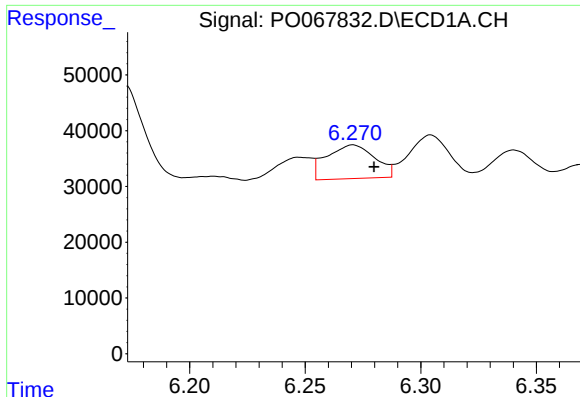
#16 AR-1242-1

R.T.: 6.248 min
Delta R.T.: -0.008 min
Response: 47300
Conc: 68.89 ng/ml



#16 AR-1242-1

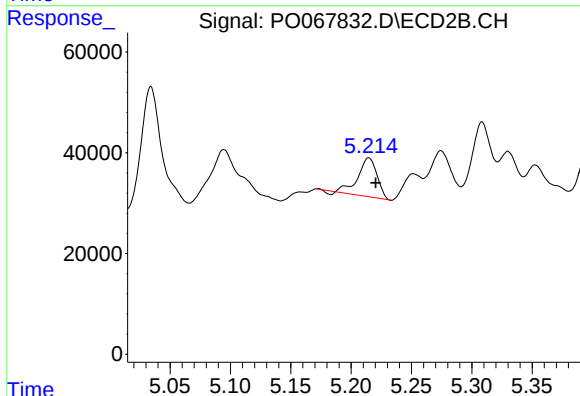
R.T.: 5.215 min
Delta R.T.: 0.014 min
Response: 84025
Conc: 85.64 ng/ml



#17 AR-1242-2

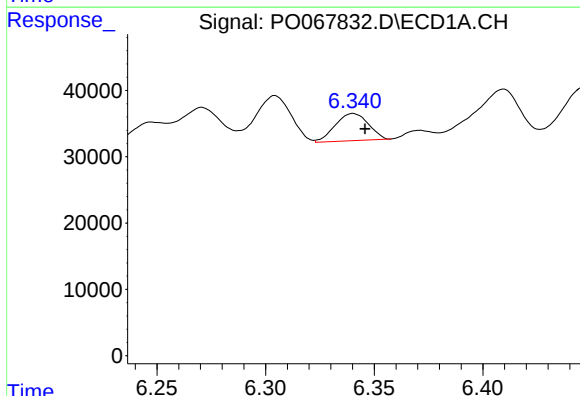
R.T.: 6.271 min
Delta R.T.: -0.009 min
Response: 87396
Conc: 93.02 ng/ml

Instrument :
ECD_O
ClientSampleId :



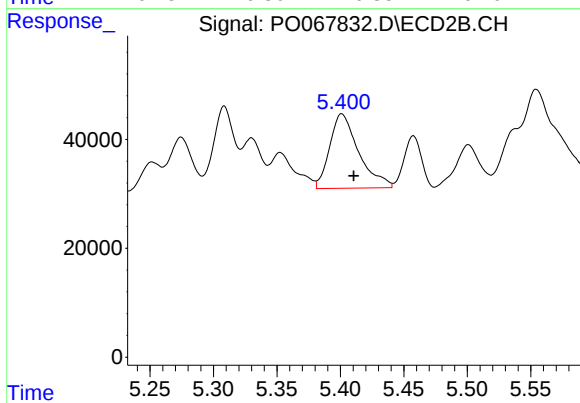
#17 AR-1242-2

R.T.: 5.215 min
Delta R.T.: -0.006 min
Response: 84025
Conc: 64.49 ng/ml



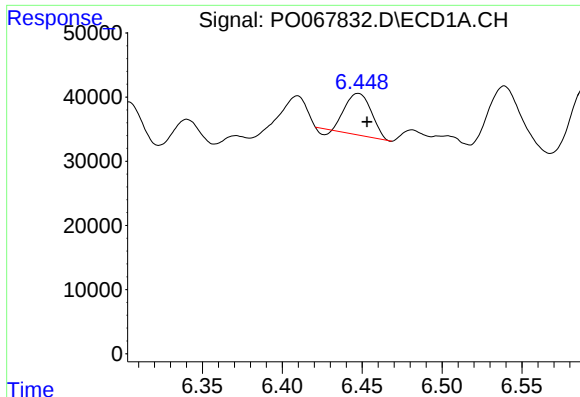
#18 AR-1242-3

R.T.: 6.340 min
Delta R.T.: -0.005 min
Response: 43694
Conc: 74.56 ng/ml



#18 AR-1242-3

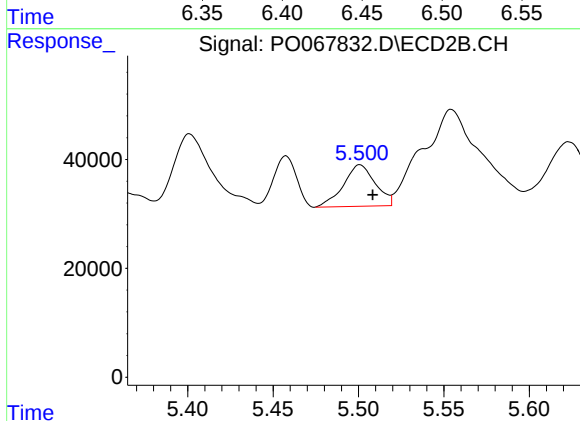
R.T.: 5.401 min
Delta R.T.: -0.009 min
Response: 217797
Conc: 304.58 ng/ml



#19 AR-1242-4

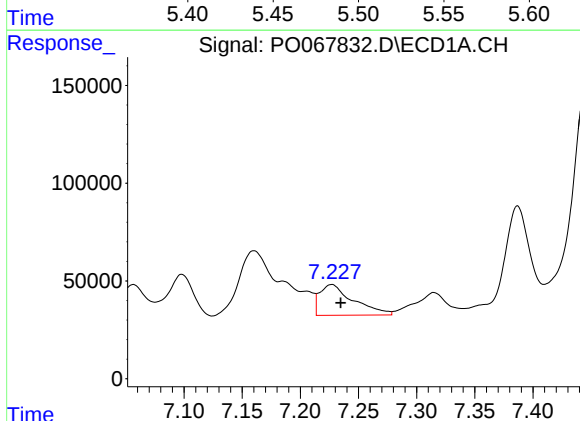
R.T.: 6.447 min
Delta R.T.: -0.006 min
Response: 71299
Conc: 151.60 ng/ml

Instrument :
ECD_O
ClientSampleId :



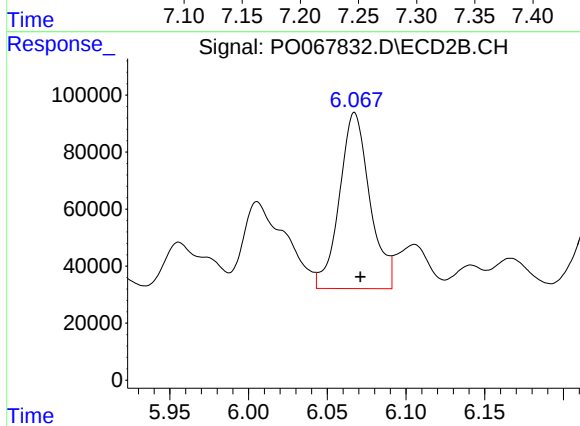
#19 AR-1242-4

R.T.: 5.501 min
Delta R.T.: -0.007 min
Response: 99211
Conc: 137.83 ng/ml



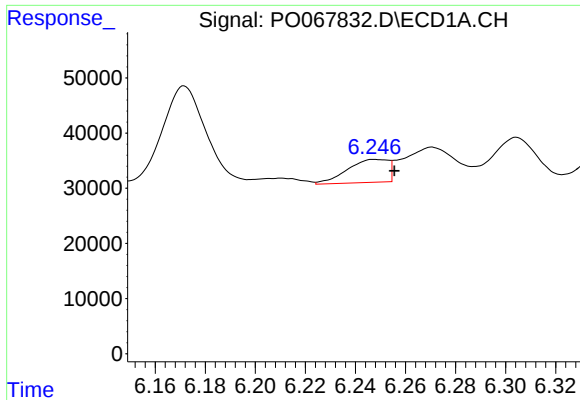
#20 AR-1242-5

R.T.: 7.227 min
Delta R.T.: -0.007 min
Response: 317211
Conc: 593.78 ng/ml



#20 AR-1242-5

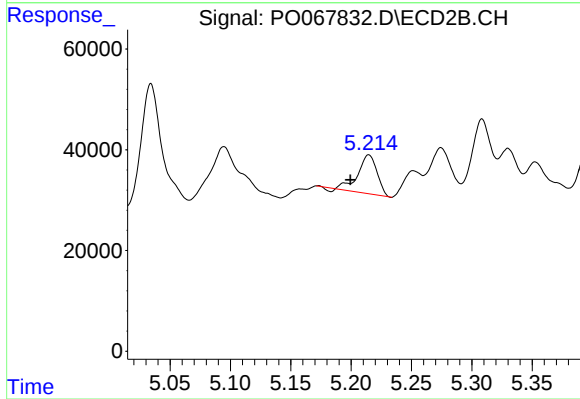
R.T.: 6.067 min
Delta R.T.: -0.004 min
Response: 831782
Conc: 888.90 ng/ml



#21 AR-1248-1

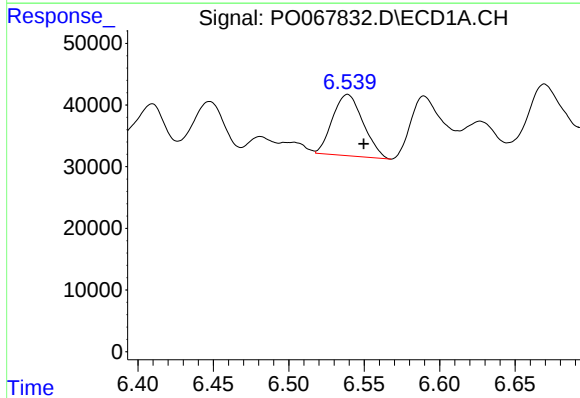
R.T.: 6.248 min
Delta R.T.: -0.008 min
Response: 47300
Conc: 88.16 ng/ml

Instrument :
ECD_O
ClientSampleId :



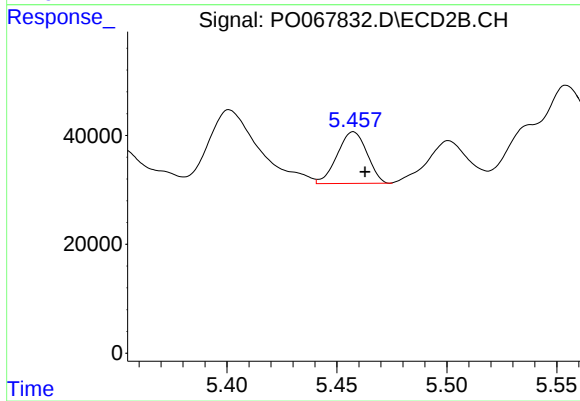
#21 AR-1248-1

R.T.: 5.215 min
Delta R.T.: 0.015 min
Response: 84025
Conc: 107.56 ng/ml



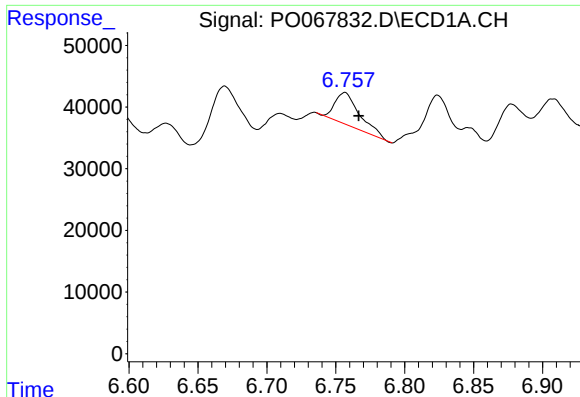
#22 AR-1248-2

R.T.: 6.539 min
Delta R.T.: -0.011 min
Response: 140412
Conc: 199.57 ng/ml



#22 AR-1248-2

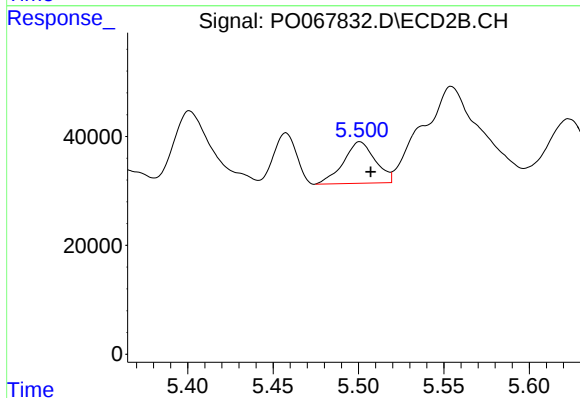
R.T.: 5.458 min
Delta R.T.: -0.005 min
Response: 89416
Conc: 88.86 ng/ml



#23 AR-1248-3

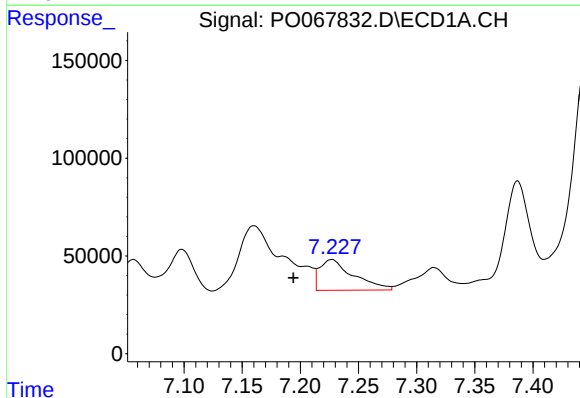
R.T.: 6.757 min
Delta R.T.: -0.010 min
Response: 64596
Conc: 79.37 ng/ml

Instrument :
ECD_O
ClientSampleId :



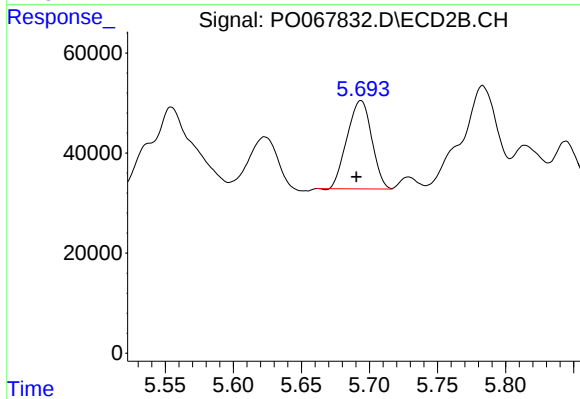
#23 AR-1248-3

R.T.: 5.501 min
Delta R.T.: -0.006 min
Response: 99211
Conc: 97.00 ng/ml



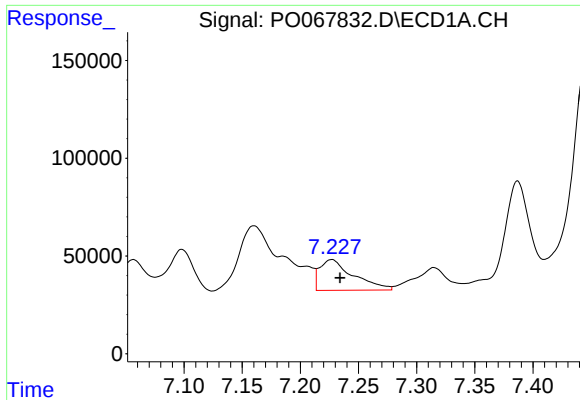
#24 AR-1248-4

R.T.: 7.227 min
Delta R.T.: 0.033 min
Response: 317211
Conc: 336.22 ng/ml



#24 AR-1248-4

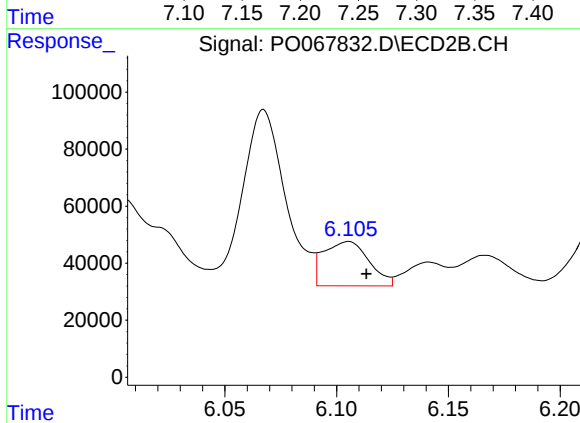
R.T.: 5.694 min
Delta R.T.: 0.003 min
Response: 222452
Conc: 178.49 ng/ml



#25 AR-1248-5

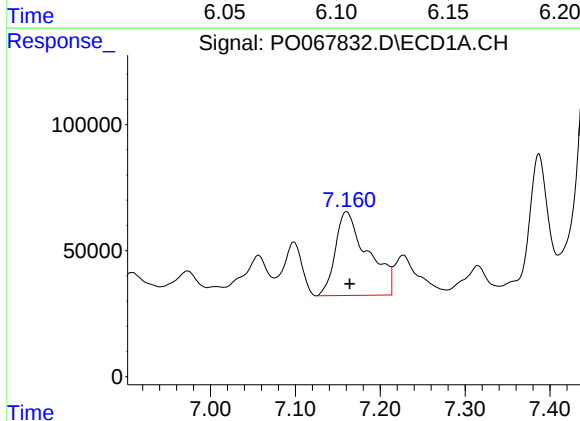
R.T.: 7.227 min
Delta R.T.: -0.007 min
Response: 317211
Conc: 351.99 ng/ml

Instrument :
ECD_O
ClientSampleId :



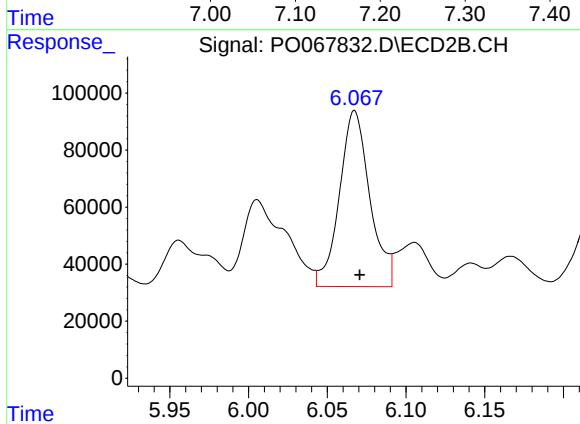
#25 AR-1248-5

R.T.: 6.105 min
Delta R.T.: -0.008 min
Response: 219506
Conc: 177.38 ng/ml



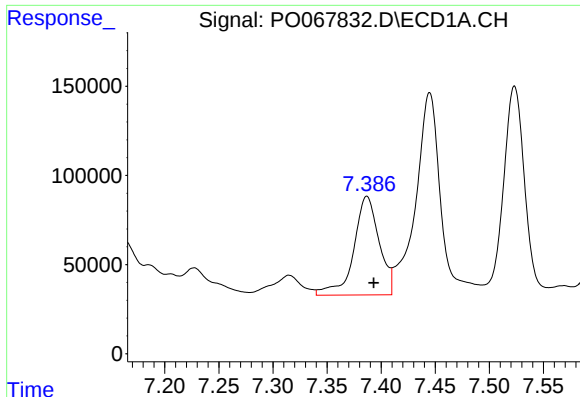
#26 AR-1254-1

R.T.: 7.160 min
Delta R.T.: -0.004 min
Response: 882855
Conc: 714.80 ng/ml



#26 AR-1254-1

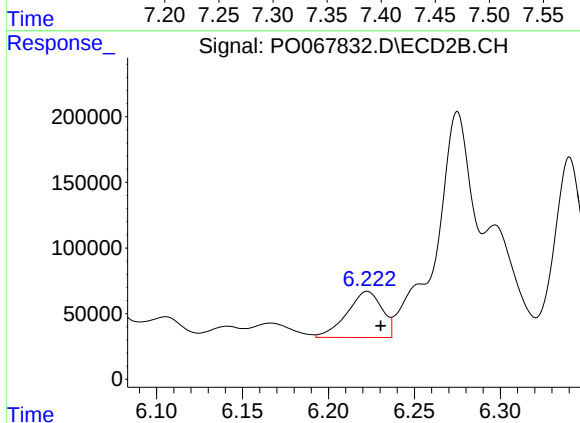
R.T.: 6.067 min
Delta R.T.: -0.003 min
Response: 831782
Conc: 324.39 ng/ml



#27 AR-1254-2

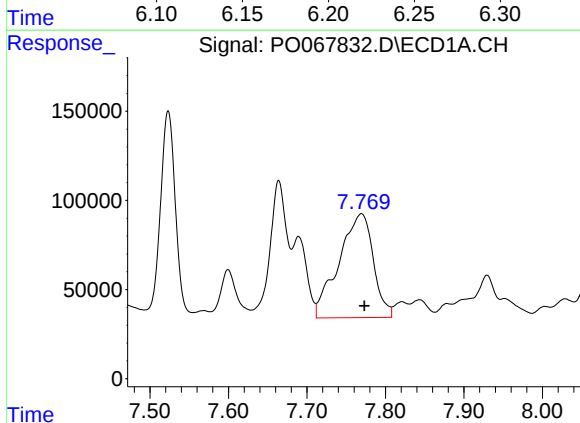
R.T.: 7.387 min
Delta R.T.: -0.006 min
Response: 906628
Conc: 460.99 ng/ml

Instrument :
ECD_O
ClientSampleId :



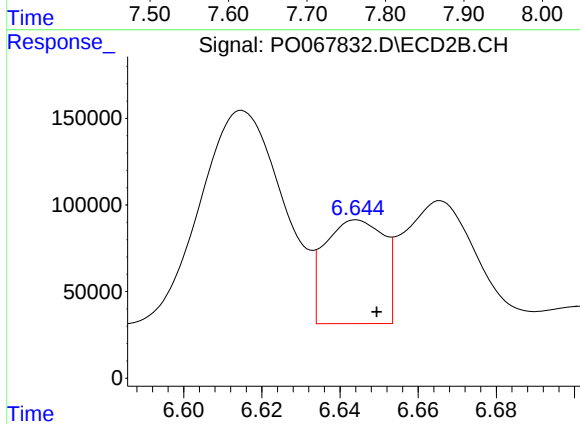
#27 AR-1254-2

R.T.: 6.223 min
Delta R.T.: -0.008 min
Response: 497504
Conc: 218.14 ng/ml



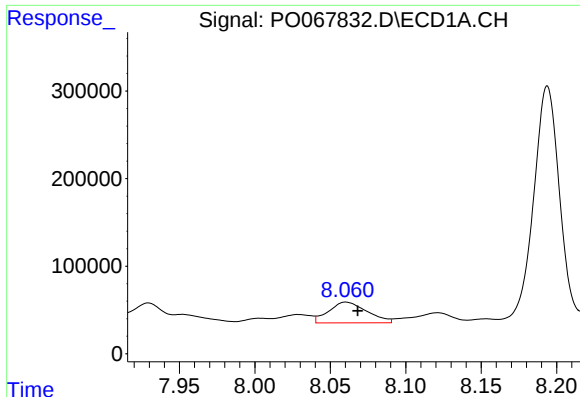
#28 AR-1254-3

R.T.: 7.769 min
Delta R.T.: -0.004 min
Response: 1781015
Conc: 858.29 ng/ml



#28 AR-1254-3

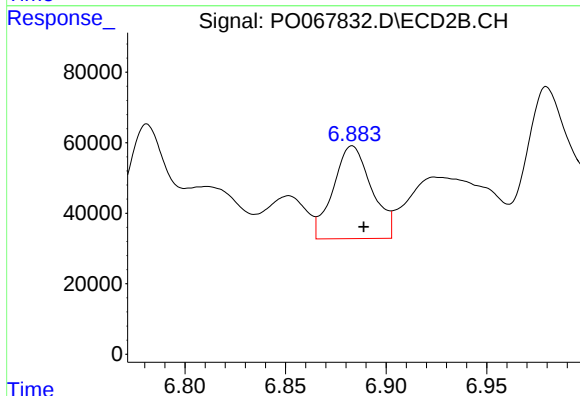
R.T.: 6.645 min
Delta R.T.: -0.005 min
Response: 626745
Conc: 171.66 ng/ml



#29 AR-1254-4

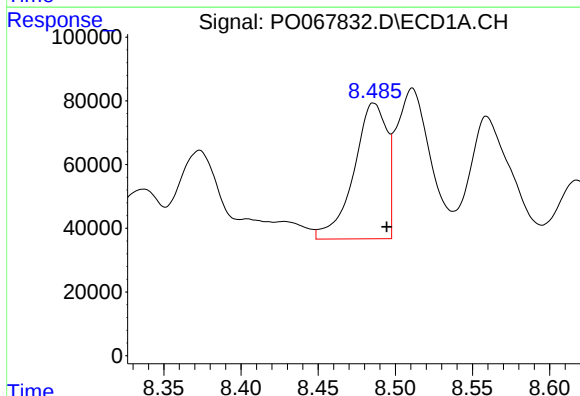
R.T.: 8.060 min
Delta R.T.: -0.008 min
Response: 420349
Conc: 258.07 ng/ml

Instrument :
ECD_O
ClientSampleId :



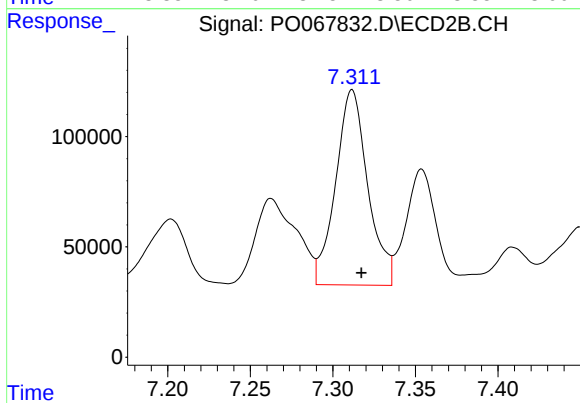
#29 AR-1254-4

R.T.: 6.883 min
Delta R.T.: -0.006 min
Response: 350679
Conc: 145.47 ng/ml



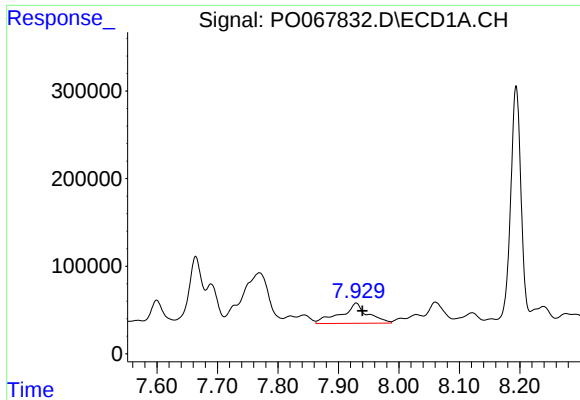
#30 AR-1254-5

R.T.: 8.486 min
Delta R.T.: -0.008 min
Response: 635190
Conc: 370.22 ng/ml



#30 AR-1254-5

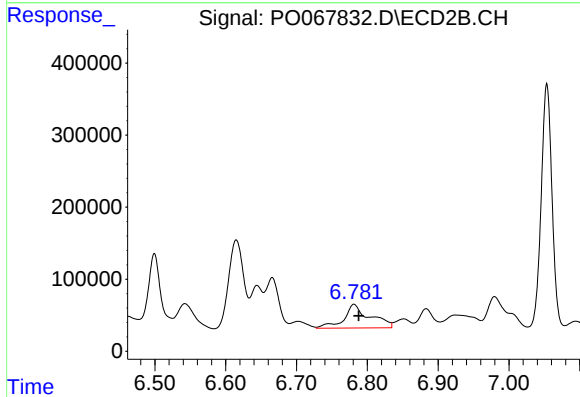
R.T.: 7.312 min
Delta R.T.: -0.006 min
Response: 1200858
Conc: 359.78 ng/ml



#31 AR-1260-1

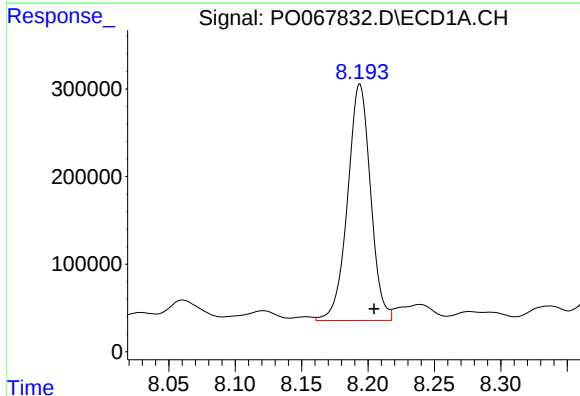
R.T.: 7.929 min
Delta R.T.: -0.011 min
Response: 712763
Conc: 527.41 ng/ml

Instrument :
ECD_O
ClientSampleId :



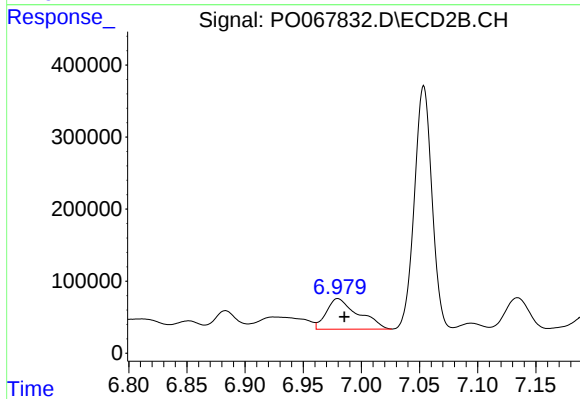
#31 AR-1260-1

R.T.: 6.781 min
Delta R.T.: -0.007 min
Response: 838693
Conc: 400.06 ng/ml



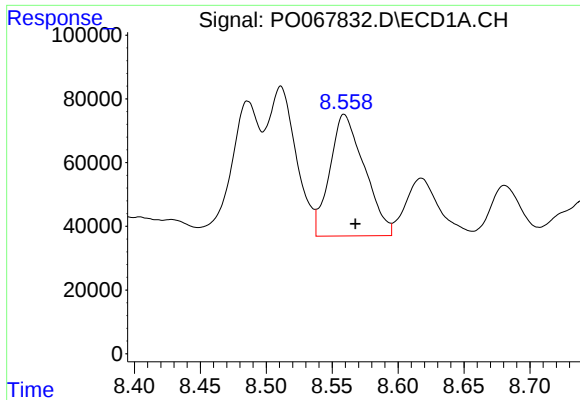
#32 AR-1260-2

R.T.: 8.194 min
Delta R.T.: -0.011 min
Response: 3243741
Conc: 1921.45 ng/ml



#32 AR-1260-2

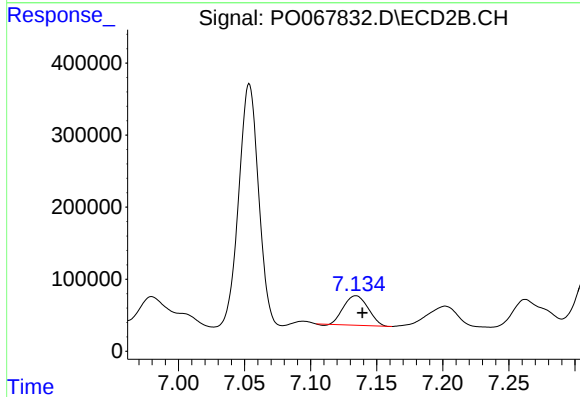
R.T.: 6.980 min
Delta R.T.: -0.005 min
Response: 809002
Conc: 315.06 ng/ml



#33 AR-1260-3

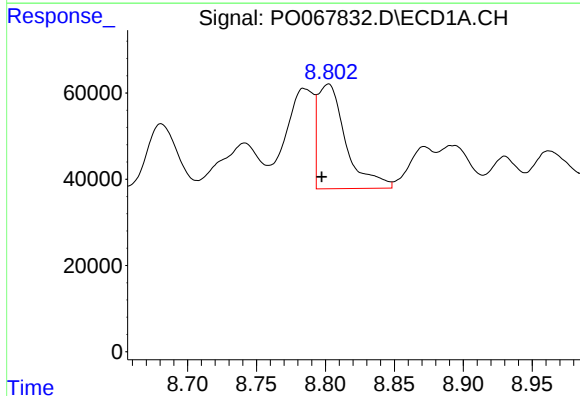
R.T.: 8.559 min
Delta R.T.: -0.008 min
Response: 698904
Conc: 536.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



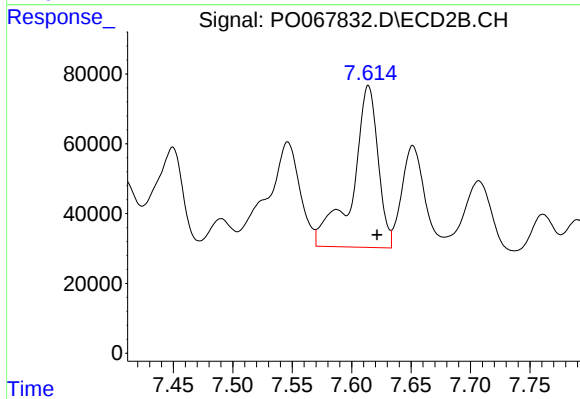
#33 AR-1260-3

R.T.: 7.134 min
Delta R.T.: -0.005 min
Response: 527046
Conc: 219.18 ng/ml



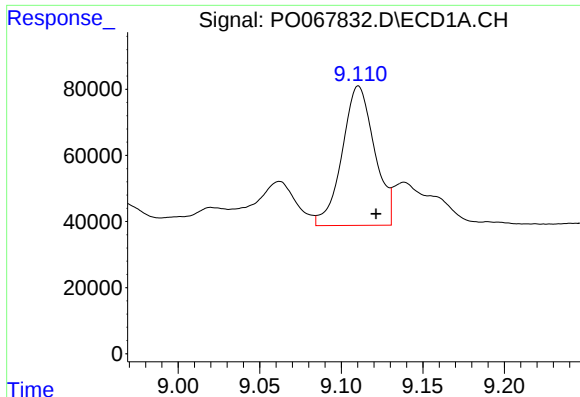
#34 AR-1260-4

R.T.: 8.802 min
Delta R.T.: 0.005 min
Response: 343931
Conc: 223.80 ng/ml



#34 AR-1260-4

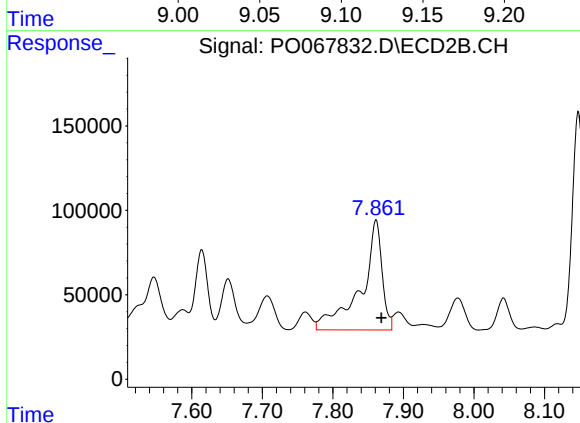
R.T.: 7.614 min
Delta R.T.: -0.007 min
Response: 691330
Conc: 328.94 ng/ml



#35 AR-1260-5

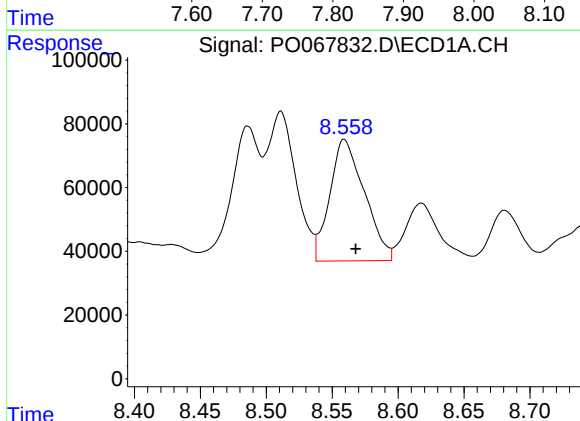
R.T.: 9.111 min
Delta R.T.: -0.011 min
Response: 582514
Conc: 184.65 ng/ml

Instrument :
ECD_O
ClientSampleId :



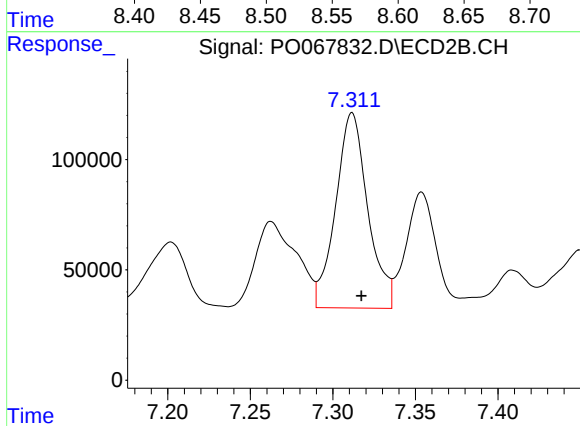
#35 AR-1260-5

R.T.: 7.861 min
Delta R.T.: -0.008 min
Response: 1351868
Conc: 267.03 ng/ml



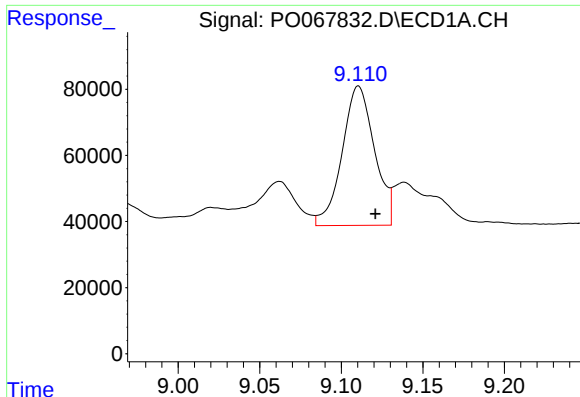
#36 AR-1262-1

R.T.: 8.559 min
Delta R.T.: -0.009 min
Response: 698904
Conc: 416.89 ng/ml



#36 AR-1262-1

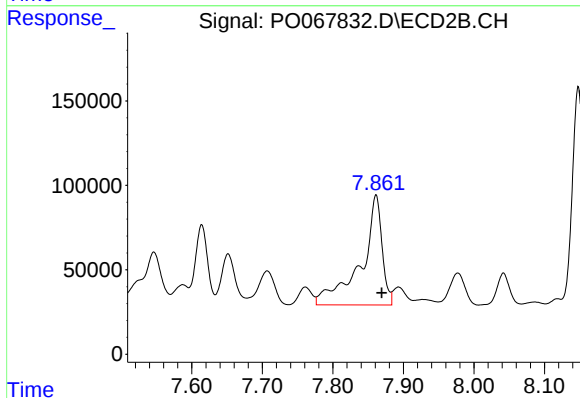
R.T.: 7.312 min
Delta R.T.: -0.006 min
Response: 1200858
Conc: 866.59 ng/ml



#37 AR-1262-2

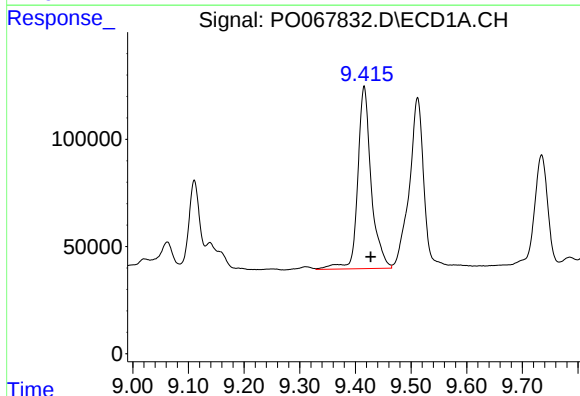
R.T.: 9.111 min
Delta R.T.: -0.010 min
Response: 582514
Conc: 203.00 ng/ml

Instrument :
ECD_O
ClientSampleId :



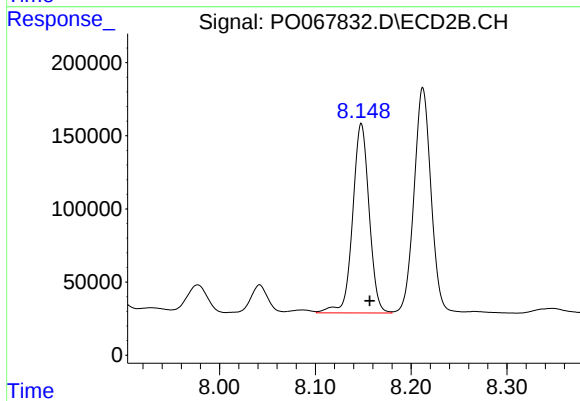
#37 AR-1262-2

R.T.: 7.861 min
Delta R.T.: -0.008 min
Response: 1351868
Conc: 295.68 ng/ml



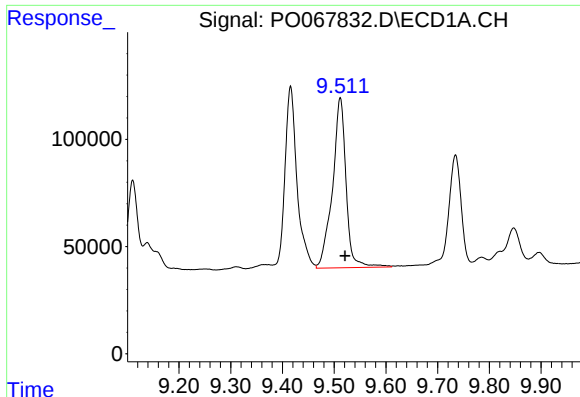
#38 AR-1262-3

R.T.: 9.416 min
Delta R.T.: -0.012 min
Response: 1429467
Conc: 686.97 ng/ml



#38 AR-1262-3

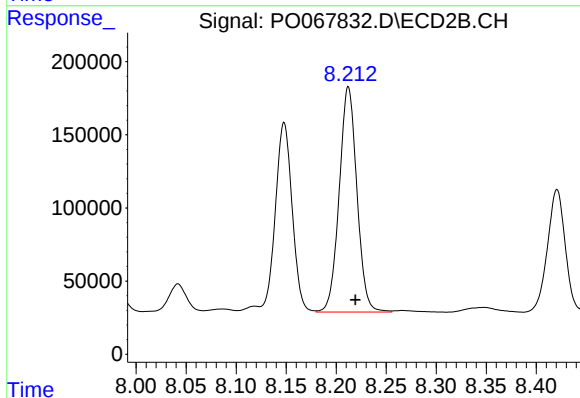
R.T.: 8.148 min
Delta R.T.: -0.009 min
Response: 1546327
Conc: 786.75 ng/ml



#39 AR-1262-4

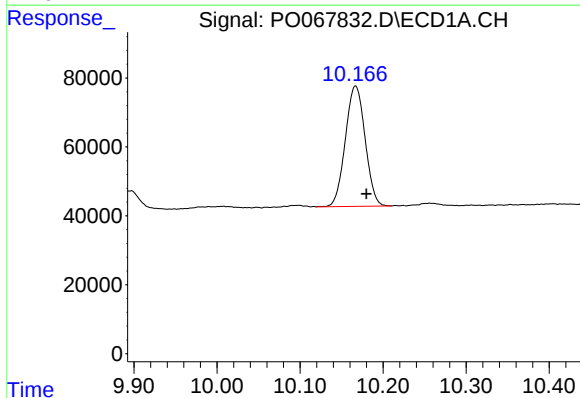
R.T.: 9.512 min
Delta R.T.: -0.009 min
Response: 1450743
Conc: 916.82 ng/ml

Instrument :
ECD_O
ClientSampleId :



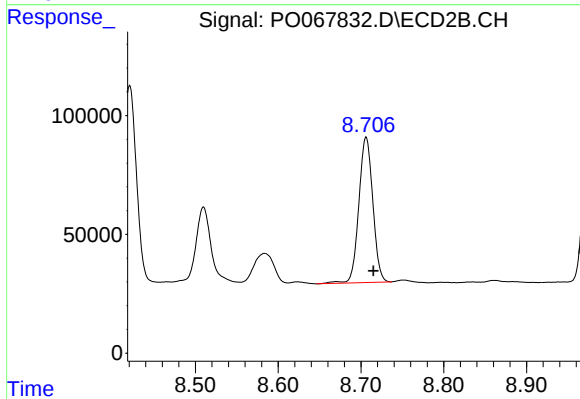
#39 AR-1262-4

R.T.: 8.212 min
Delta R.T.: -0.007 min
Response: 1896604
Conc: 553.27 ng/ml



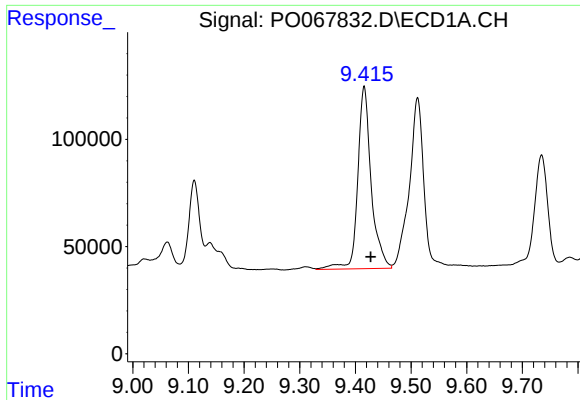
#40 AR-1262-5

R.T.: 10.167 min
Delta R.T.: -0.013 min
Response: 578399
Conc: 490.55 ng/ml



#40 AR-1262-5

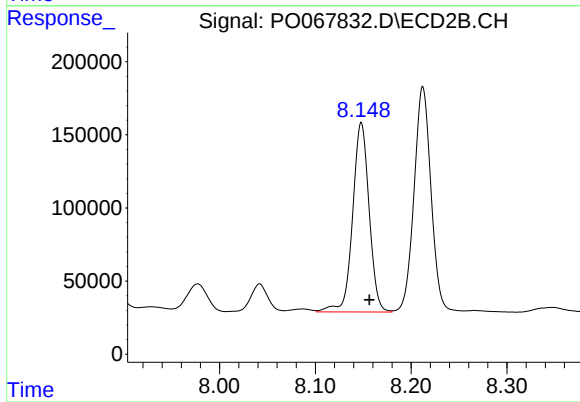
R.T.: 8.706 min
Delta R.T.: -0.009 min
Response: 717712
Conc: 422.22 ng/ml



#41 AR-1268-1

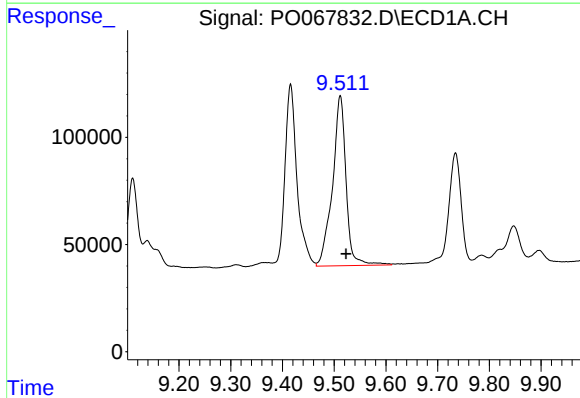
R.T.: 9.416 min
Delta R.T.: -0.012 min
Response: 1429467
Conc: 386.85 ng/ml

Instrument :
ECD_O
ClientSampleId :



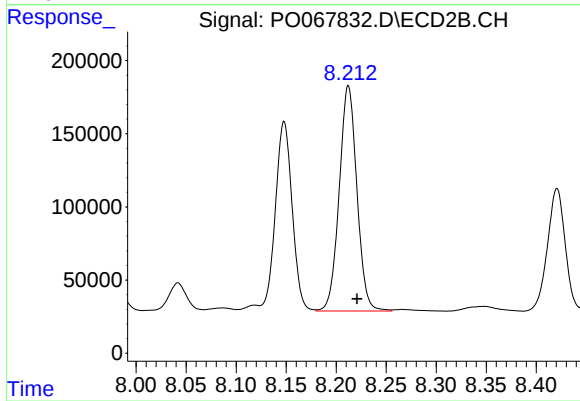
#41 AR-1268-1

R.T.: 8.148 min
Delta R.T.: -0.008 min
Response: 1546327
Conc: 287.39 ng/ml



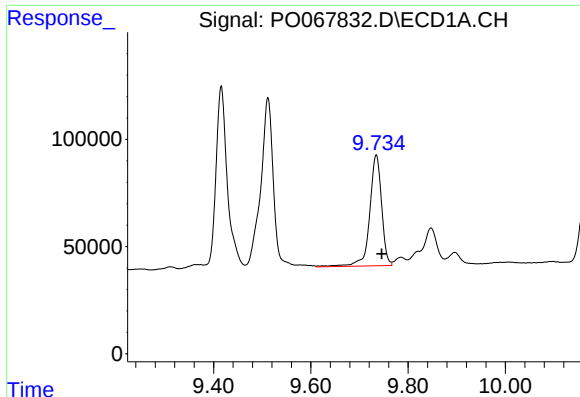
#42 AR-1268-2

R.T.: 9.512 min
Delta R.T.: -0.011 min
Response: 1450743
Conc: 418.57 ng/ml



#42 AR-1268-2

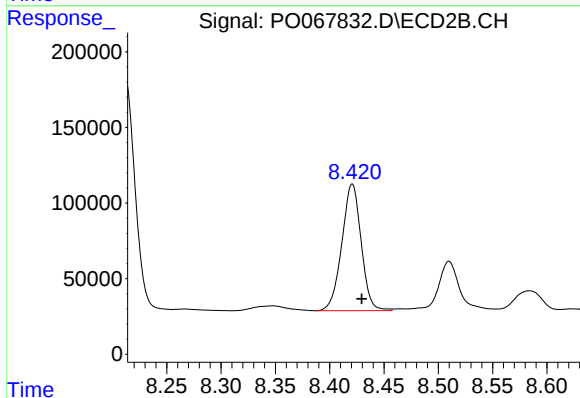
R.T.: 8.212 min
Delta R.T.: -0.009 min
Response: 1896604
Conc: 384.12 ng/ml



#43 AR-1268-3

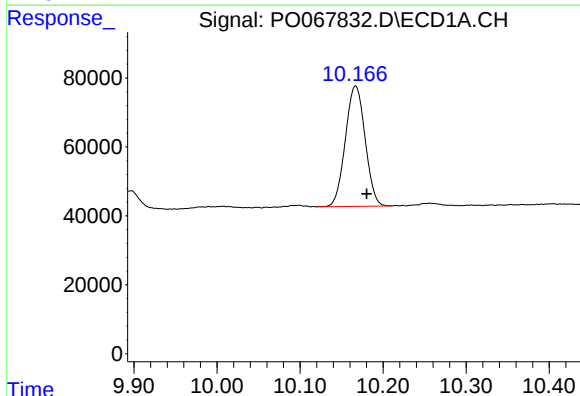
R.T.: 9.735 min
Delta R.T.: -0.012 min
Response: 878615
Conc: 302.58 ng/ml

Instrument :
ECD_O
ClientSampleId :



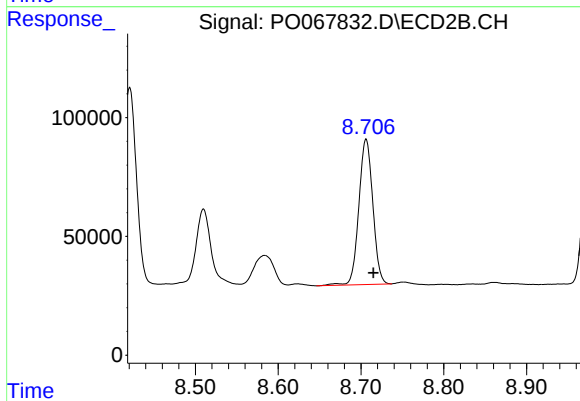
#43 AR-1268-3

R.T.: 8.421 min
Delta R.T.: -0.009 min
Response: 1038303
Conc: 247.72 ng/ml



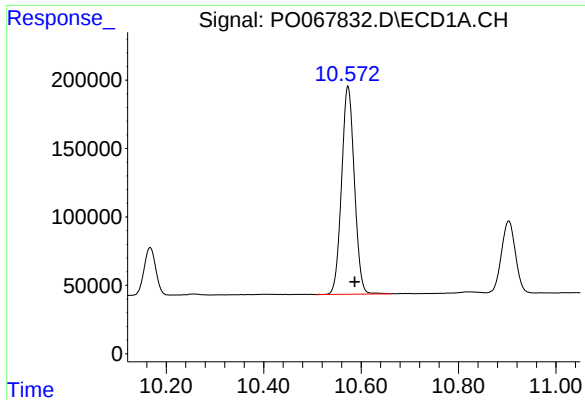
#44 AR-1268-4

R.T.: 10.167 min
Delta R.T.: -0.014 min
Response: 578399
Conc: 416.65 ng/ml



#44 AR-1268-4

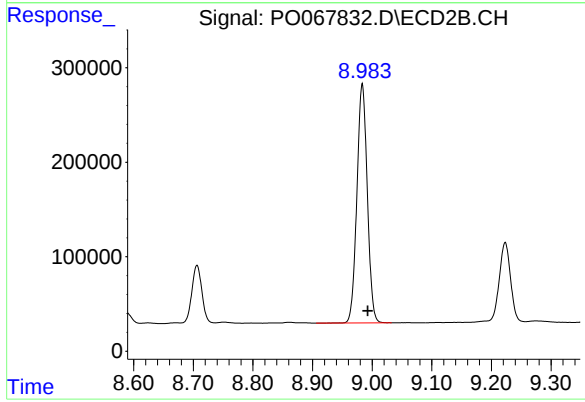
R.T.: 8.706 min
Delta R.T.: -0.009 min
Response: 717712
Conc: 370.93 ng/ml



#45 AR-1268-5

R.T.: 10.573 min
Delta R.T.: -0.014 min
Response: 2771667
Conc: 279.56 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.983 min
Delta R.T.: -0.009 min
Response: 3062664
Conc: 237.49 ng/ml