

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110421\
 Data File : PO082528.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 04 Nov 2021 8:00
 Operator : AJ\MA
 Sample : M4449-04
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 04 11:39:00 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110321.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Nov 03 05:20:12 2021
 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...	4.967	3.963	1114986	471516	12.738	15.236
2)	SA Decachlor...	11.073	9.278	1204621	475816	19.075	16.526
Target Compounds							
3)	L1 AR-1016-1	6.299	5.221	57945	-7359	19.977	N.D. #
4)	L1 AR-1016-2	6.325	5.245	158660	66143	38.442	35.920
5)	L1 AR-1016-3	6.375f	5.425	618880	21569	241.672	21.636 #
6)	L1 AR-1016-4	6.515	5.486	13392123	297980	6487.639	365.313 #
7)	L1 AR-1016-5	6.818	5.722	34953	93912	17.141	92.122 #
8)	L2 AR-1221-1	5.220	0.000	384287	0	407.490	N.D. #
9)	L2 AR-1221-2	5.329	0.000	24683	0	38.079	N.D. #
10)	L2 AR-1221-3	5.424	4.410	114650	35860	55.577	38.755 #
11)	L3 AR-1232-1	5.424	4.410	114650	35860	66.184	45.426 #
12)	L3 AR-1232-2	6.003	5.245	67887	66143	76.771	88.116
13)	L3 AR-1232-3	6.325	5.425	158660	21569	100.473	54.390 #
14)	L3 AR-1232-4	6.515	5.509f	13392123	334306	17439.256	968.049 #
15)	L3 AR-1232-5	6.597	5.722	145942	93912	264.017	250.494
16)	L4 AR-1242-1	6.299	5.221	57945	-7359	27.878	N.D. #
17)	L4 AR-1242-2	6.325	5.245	158660	66143	54.391	49.136
18)	L4 AR-1242-3	6.375f	5.425	618880	21569	335.505	29.589 #
19)	L4 AR-1242-4	6.515	5.509f	13392123	334306	8960.755	468.273 #
20)	L4 AR-1242-5	7.272f	6.101	3994517	1403008	2670.187	1519.732 #
21)	L5 AR-1248-1	6.299	5.221	57945	-7359	37.966	N.D. #
22)	L5 AR-1248-2	6.597	5.486	145942	297980	69.388	292.624 #
23)	L5 AR-1248-3	6.818	5.509f	34953	334306	14.406	321.273 #
24)	L5 AR-1248-4	7.240	5.722	4715171	93912	1835.767	76.610 #
25)	L5 AR-1248-5	7.272f	6.134	3994517	1142262	1583.704	924.405 #
26)	L6 AR-1254-1	7.210	6.101	2687889	1403008	986.588	722.320 #
27)	L6 AR-1254-2	7.461	6.251	3779810	765980	907.388	447.585 #
28)	L6 AR-1254-3	7.831	6.682	3535819	493900	826.709	192.111 #
29)	L6 AR-1254-4	8.131	6.916	985563	137816	321.380	75.817 #
30)	L6 AR-1254-5	8.561	7.352	1675202	402617	520.911	173.219 #
31)	L7 AR-1260-1	8.002	6.803f	1460442	159741	459.911	88.059 #
32)	L7 AR-1260-2	8.272	7.021	2660685	380393	707.826	158.951 #
33)	L7 AR-1260-3	8.626	7.165	1854135	169421	654.690	79.668 #
34)	L7 AR-1260-4	8.870	7.653	4049315	1057568	1214.762	634.053 #
35)	L7 AR-1260-5	9.199	7.902	1177159	390602	187.600	93.806 #
36)	L8 AR-1262-1	8.626	7.352	1854135	402617	499.707	336.881 #
37)	L8 AR-1262-2	9.199	7.902	1177159	390602	184.305	95.711 #
38)	L8 AR-1262-3	9.510	8.186	483061	757770	168.456	464.684 #
39)	L8 AR-1262-4	9.615	8.250	550656	1019411	326.285	350.073
40)	L8 AR-1262-5	10.284f	8.752	50633	38931	20.848	28.415 #
41)	L9 AR-1268-1	9.510	8.186	483061	757770	59.176	144.889 #

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 ALS Vial : 51 Sample Multiplier: 1

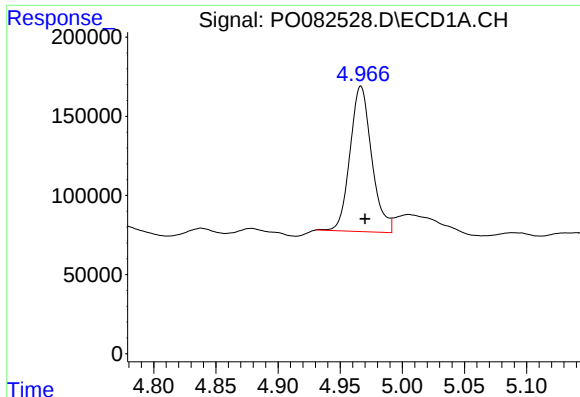
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
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 Signal #1 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	9.615	8.250	550656	1019411	72.830	224.653 #
43) L9	AR-1268-3	0.000	8.473	0	60227	N.D.	15.496 #
44) L9	AR-1268-4	10.284f	8.752	50633	38931	18.001	24.503 #
45) L9	AR-1268-5	10.728	0.000	19879	0	0.899	N.D. #

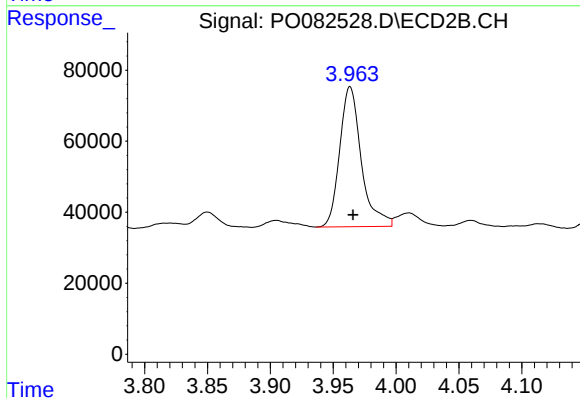
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

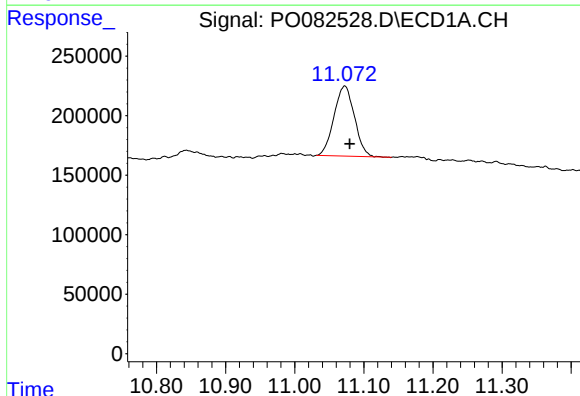
R.T.: 4.967 min
Delta R.T.: -0.003 min
Response: 1114986
Conc: 12.74 ng/ml

Instrument :
ECD_O
ClientSampleId :



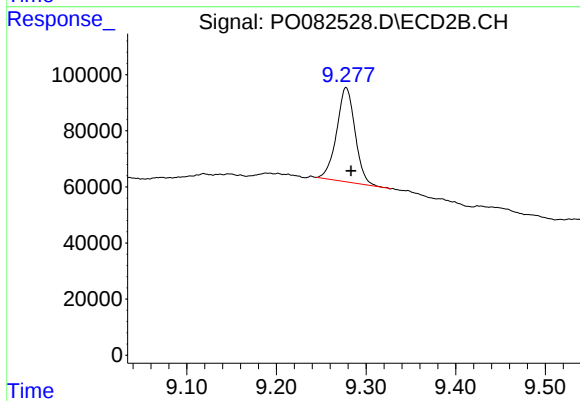
#1 Tetrachloro-m-xylene

R.T.: 3.963 min
Delta R.T.: -0.003 min
Response: 471516
Conc: 15.24 ng/ml



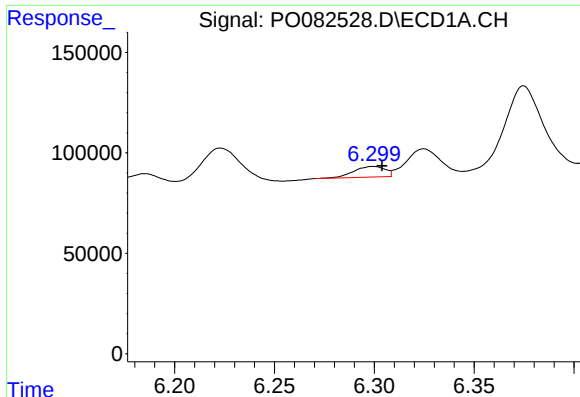
#2 Decachlorobiphenyl

R.T.: 11.073 min
Delta R.T.: -0.007 min
Response: 1204621
Conc: 19.08 ng/ml



#2 Decachlorobiphenyl

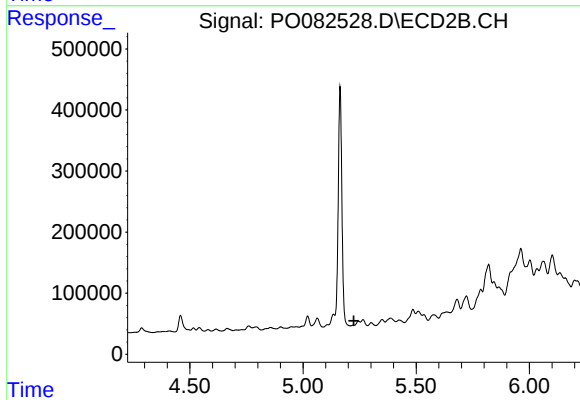
R.T.: 9.278 min
Delta R.T.: -0.006 min
Response: 475816
Conc: 16.53 ng/ml



#3 AR-1016-1

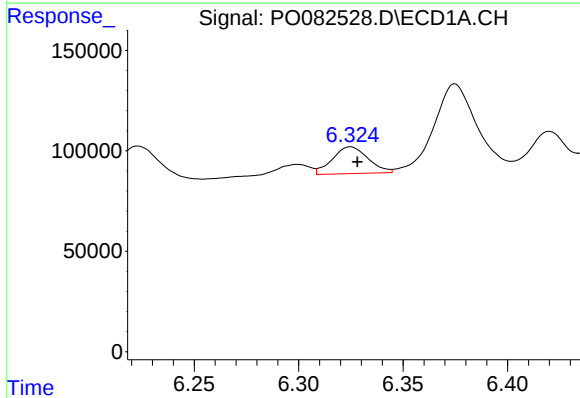
R.T.: 6.299 min
Delta R.T.: -0.004 min
Response: 57945
Conc: 19.98 ng/ml

Instrument :
ECD_O
ClientSampleId :



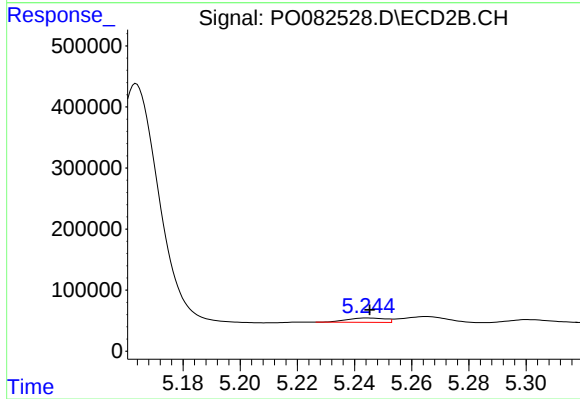
#3 AR-1016-1

R.T.: 5.221 min
Delta R.T.: -0.003 min
Response: -7359
Conc: N.D.



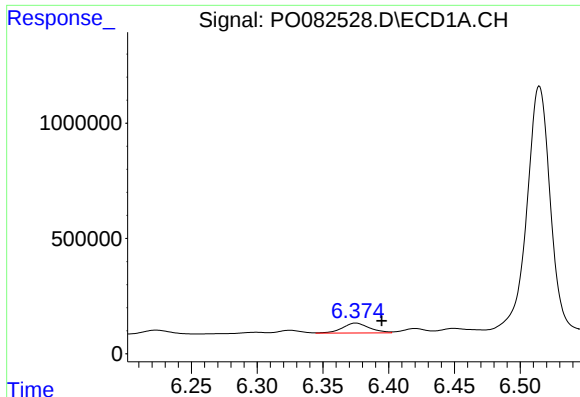
#4 AR-1016-2

R.T.: 6.325 min
Delta R.T.: -0.003 min
Response: 158660
Conc: 38.44 ng/ml



#4 AR-1016-2

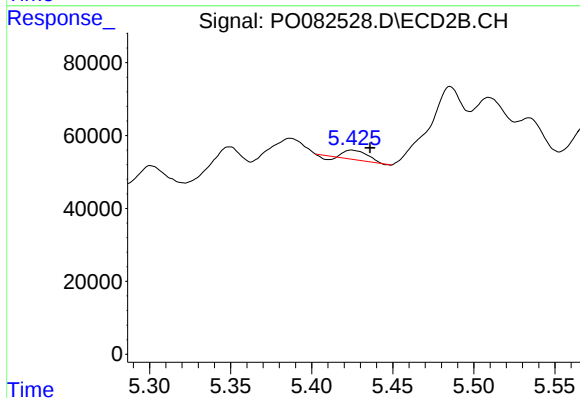
R.T.: 5.245 min
Delta R.T.: 0.000 min
Response: 66143
Conc: 35.92 ng/ml



#5 AR-1016-3

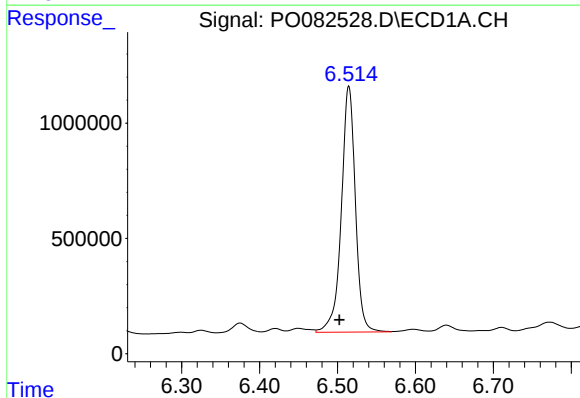
R.T.: 6.375 min
Delta R.T.: -0.020 min
Response: 618880
Conc: 241.67 ng/ml

Instrument :
ECD_O
ClientSampleId :



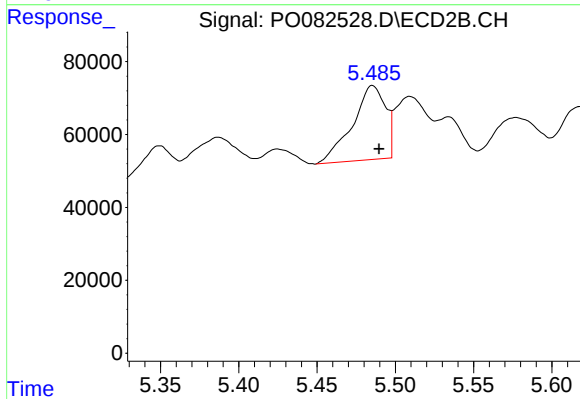
#5 AR-1016-3

R.T.: 5.425 min
Delta R.T.: -0.011 min
Response: 21569
Conc: 21.64 ng/ml



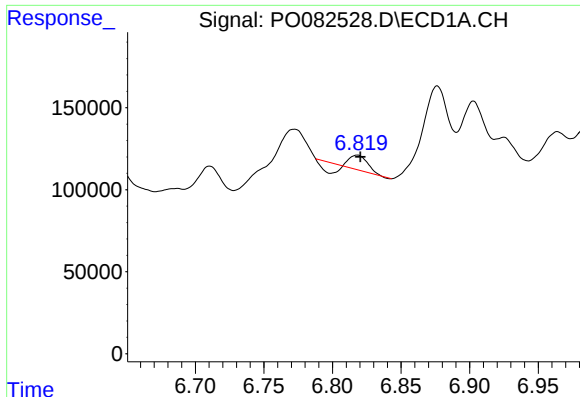
#6 AR-1016-4

R.T.: 6.515 min
Delta R.T.: 0.012 min
Response: 13392123
Conc: 6487.64 ng/ml



#6 AR-1016-4

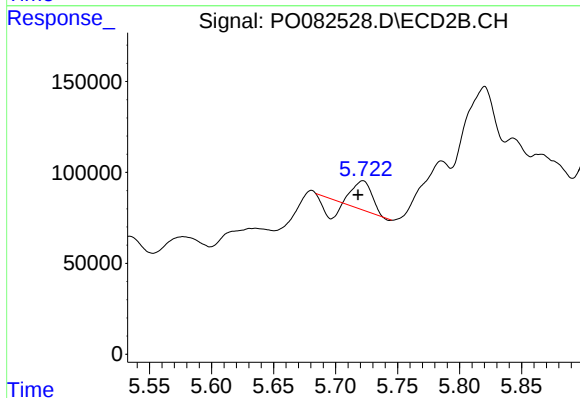
R.T.: 5.486 min
Delta R.T.: -0.004 min
Response: 297980
Conc: 365.31 ng/ml



#7 AR-1016-5

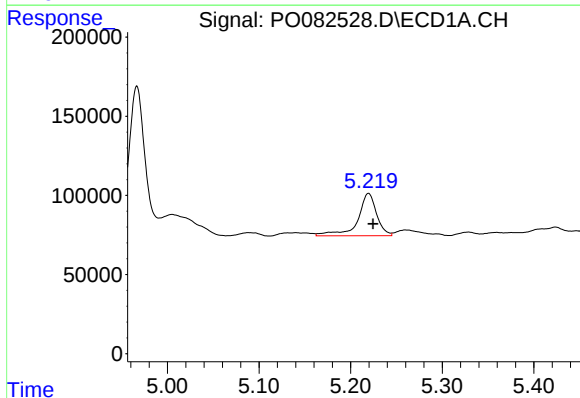
R.T.: 6.818 min
Delta R.T.: -0.002 min
Response: 34953
Conc: 17.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



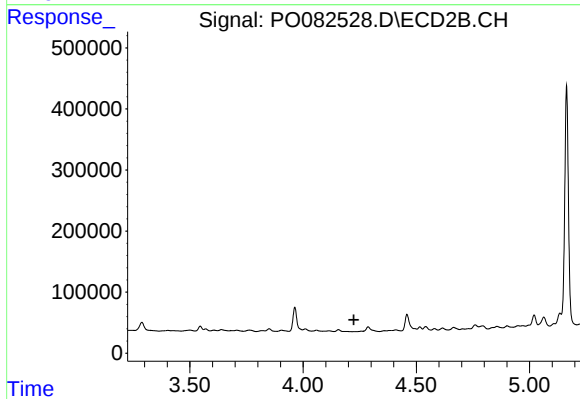
#7 AR-1016-5

R.T.: 5.722 min
Delta R.T.: 0.003 min
Response: 93912
Conc: 92.12 ng/ml



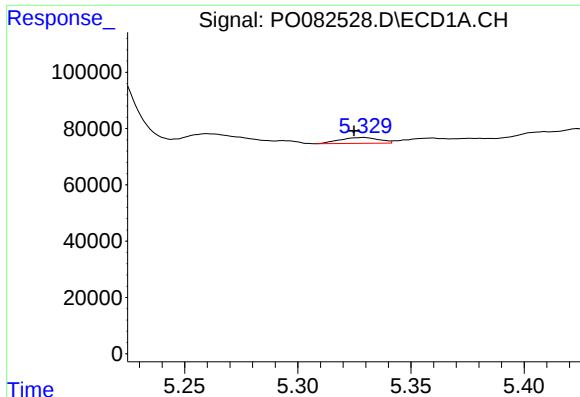
#8 AR-1221-1

R.T.: 5.220 min
Delta R.T.: -0.005 min
Response: 384287
Conc: 407.49 ng/ml



#8 AR-1221-1

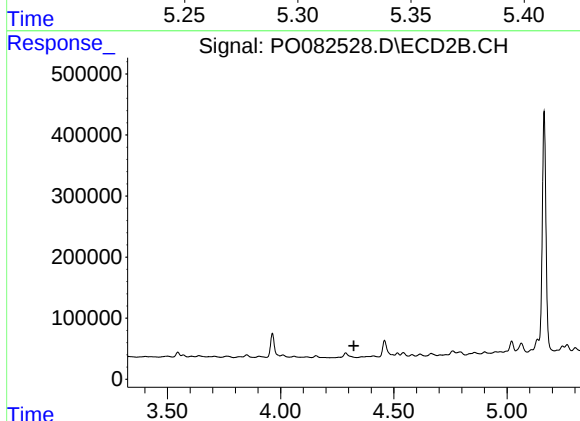
R.T.: 0.000 min
Exp R.T.: 4.224 min
Response: 0
Conc: N.D.



#9 AR-1221-2

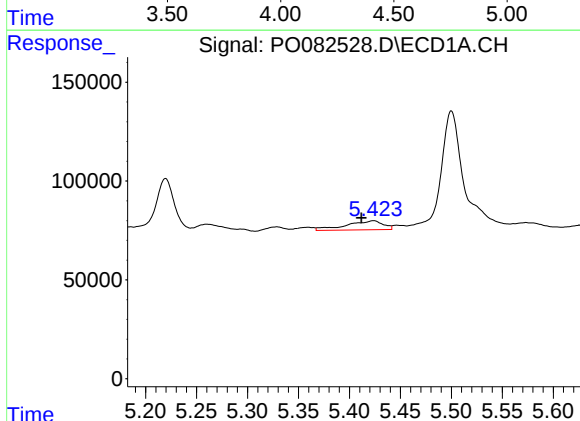
R.T.: 5.329 min
Delta R.T.: 0.004 min
Response: 24683
Conc: 38.08 ng/ml

Instrument :
ECD_O
ClientSampleId :



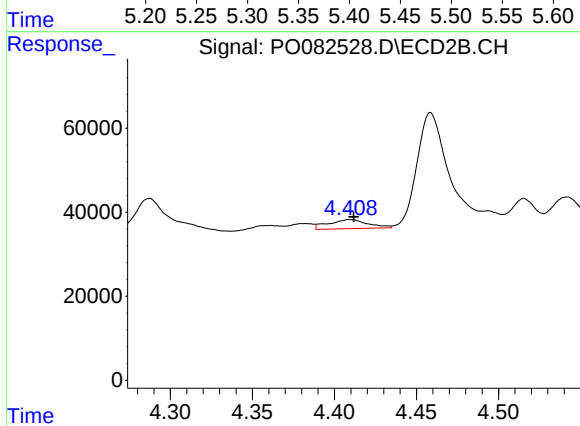
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T. : 4.323 min
Response: 0
Conc: N.D.



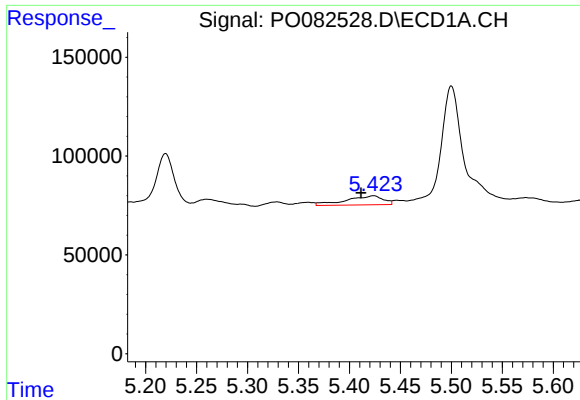
#10 AR-1221-3

R.T.: 5.424 min
Delta R.T.: 0.012 min
Response: 114650
Conc: 55.58 ng/ml



#10 AR-1221-3

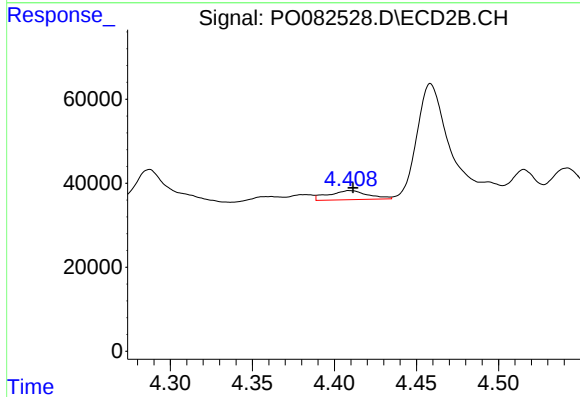
R.T.: 4.410 min
Delta R.T.: -0.002 min
Response: 35860
Conc: 38.75 ng/ml



#11 AR-1232-1

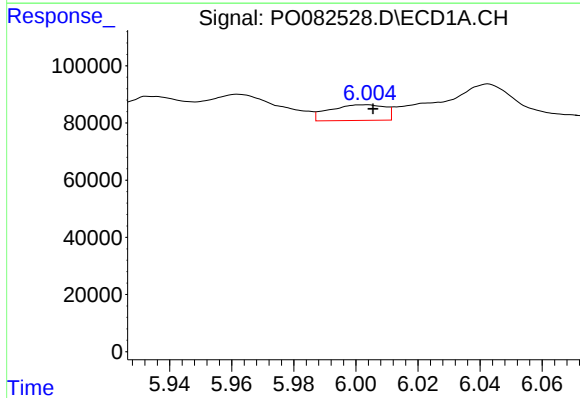
R.T.: 5.424 min
Delta R.T.: 0.012 min
Response: 114650
Conc: 66.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



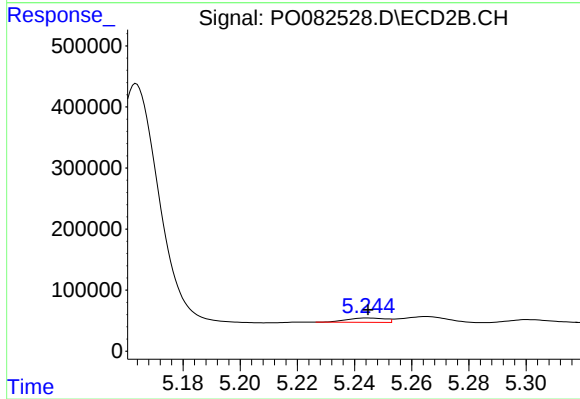
#11 AR-1232-1

R.T.: 4.410 min
Delta R.T.: -0.002 min
Response: 35860
Conc: 45.43 ng/ml



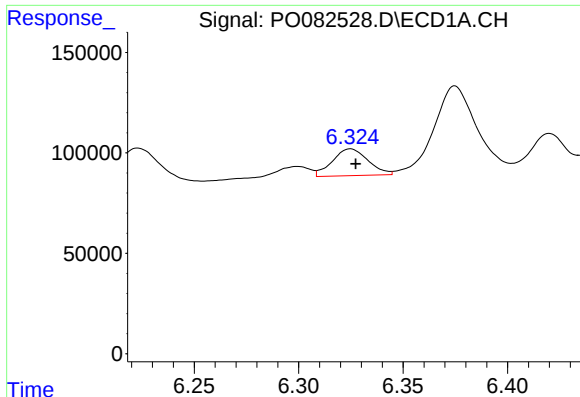
#12 AR-1232-2

R.T.: 6.003 min
Delta R.T.: -0.003 min
Response: 67887
Conc: 76.77 ng/ml



#12 AR-1232-2

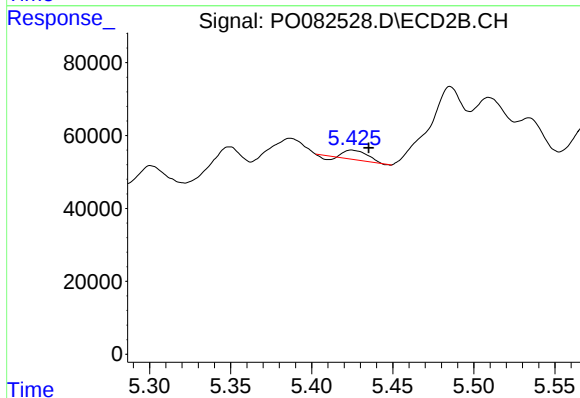
R.T.: 5.245 min
Delta R.T.: 0.000 min
Response: 66143
Conc: 88.12 ng/ml



#13 AR-1232-3

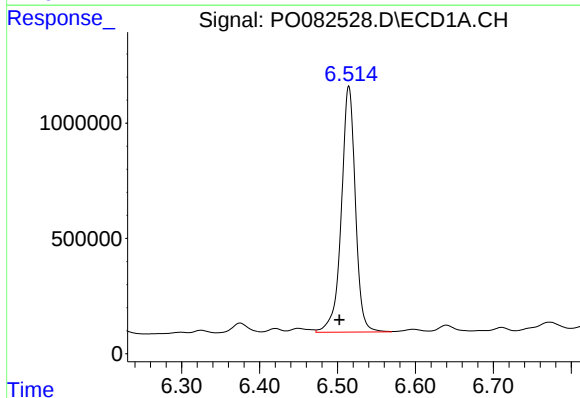
R.T.: 6.325 min
Delta R.T.: -0.002 min
Response: 158660
Conc: 100.47 ng/ml

Instrument :
ECD_O
ClientSampleId :



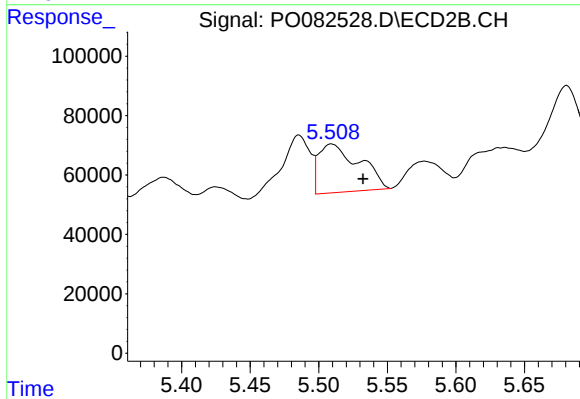
#13 AR-1232-3

R.T.: 5.425 min
Delta R.T.: -0.010 min
Response: 21569
Conc: 54.39 ng/ml



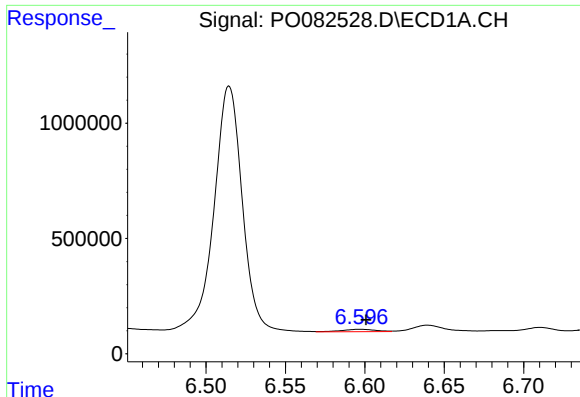
#14 AR-1232-4

R.T.: 6.515 min
Delta R.T.: 0.012 min
Response: 13392123
Conc: 17439.26 ng/ml



#14 AR-1232-4

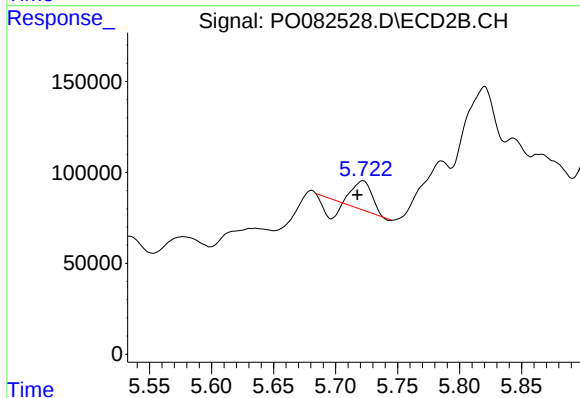
R.T.: 5.509 min
Delta R.T.: -0.023 min
Response: 334306
Conc: 968.05 ng/ml



#15 AR-1232-5

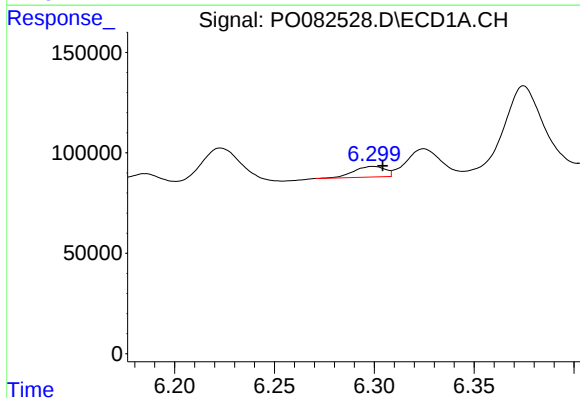
R.T.: 6.597 min
Delta R.T.: -0.004 min
Response: 145942
Conc: 264.02 ng/ml

Instrument :
ECD_O
ClientSampleId :



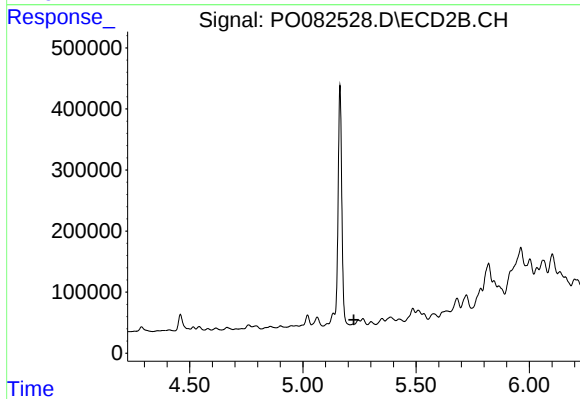
#15 AR-1232-5

R.T.: 5.722 min
Delta R.T.: 0.004 min
Response: 93912
Conc: 250.49 ng/ml



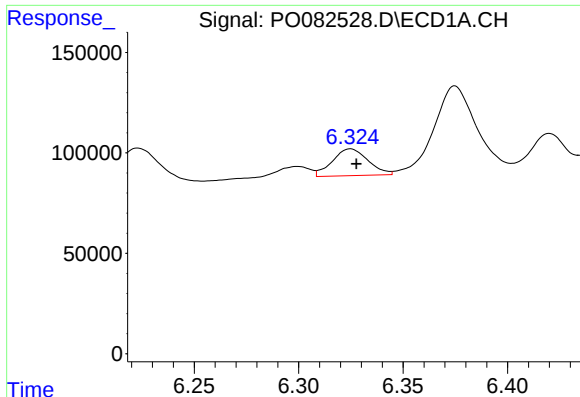
#16 AR-1242-1

R.T.: 6.299 min
Delta R.T.: -0.005 min
Response: 57945
Conc: 27.88 ng/ml



#16 AR-1242-1

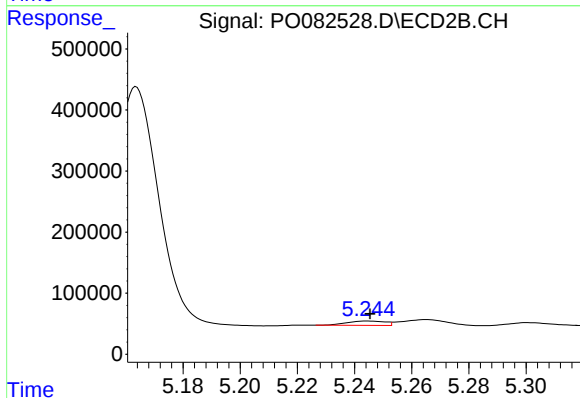
R.T.: 5.221 min
Delta R.T.: -0.004 min
Response: -7359
Conc: N.D.



#17 AR-1242-2

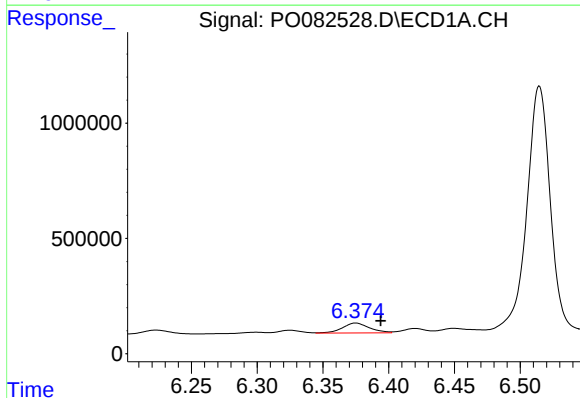
R.T.: 6.325 min
Delta R.T.: -0.003 min
Response: 158660
Conc: 54.39 ng/ml

Instrument :
ECD_O
ClientSampleId :



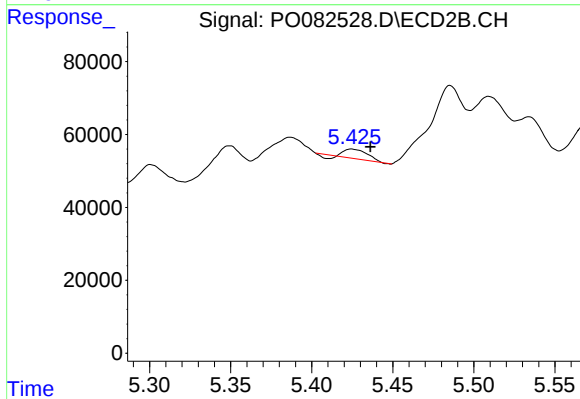
#17 AR-1242-2

R.T.: 5.245 min
Delta R.T.: 0.000 min
Response: 66143
Conc: 49.14 ng/ml



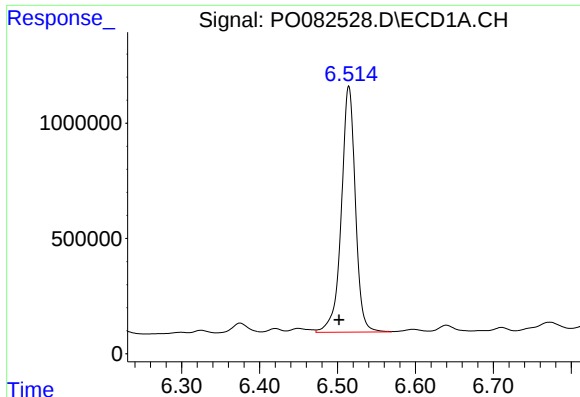
#18 AR-1242-3

R.T.: 6.375 min
Delta R.T.: -0.019 min
Response: 618880
Conc: 335.51 ng/ml



#18 AR-1242-3

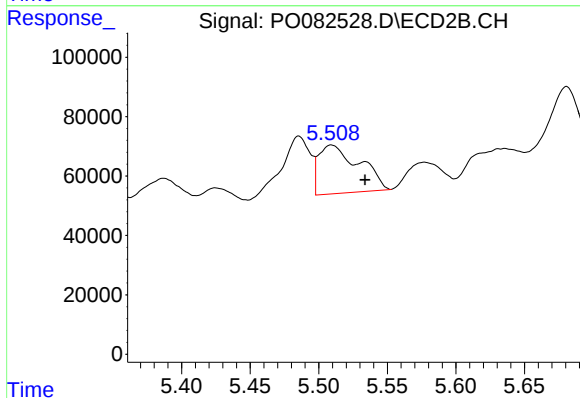
R.T.: 5.425 min
Delta R.T.: -0.011 min
Response: 21569
Conc: 29.59 ng/ml



#19 AR-1242-4

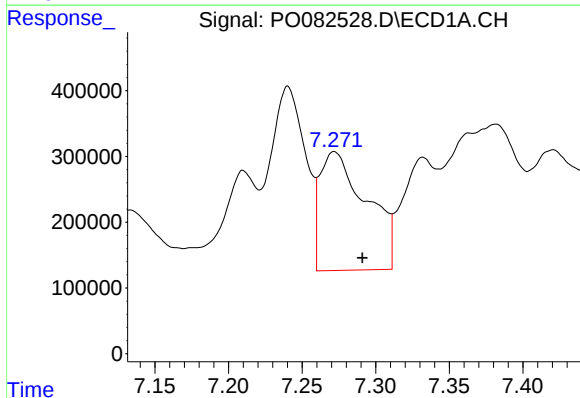
R.T.: 6.515 min
Delta R.T.: 0.012 min
Response: 13392123
Conc: 8960.75 ng/ml

Instrument :
ECD_O
ClientSampleId :



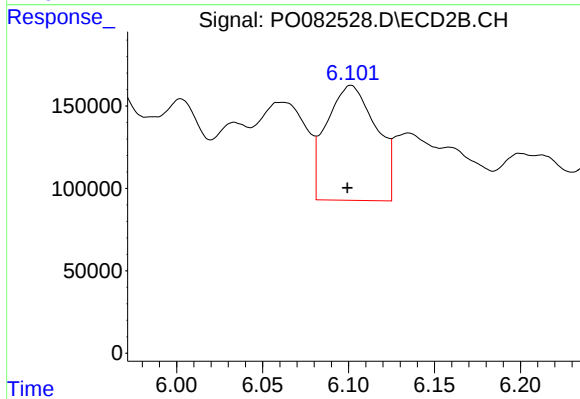
#19 AR-1242-4

R.T.: 5.509 min
Delta R.T.: -0.024 min
Response: 334306
Conc: 468.27 ng/ml



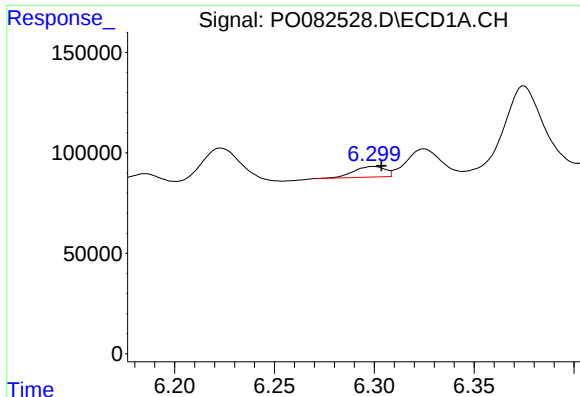
#20 AR-1242-5

R.T.: 7.272 min
Delta R.T.: -0.019 min
Response: 3994517
Conc: 2670.19 ng/ml



#20 AR-1242-5

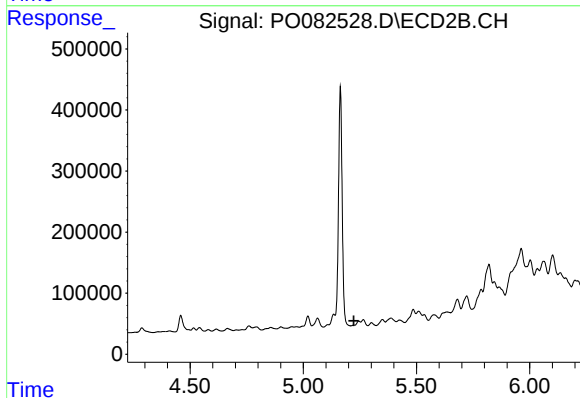
R.T.: 6.101 min
Delta R.T.: 0.002 min
Response: 1403008
Conc: 1519.73 ng/ml



#21 AR-1248-1

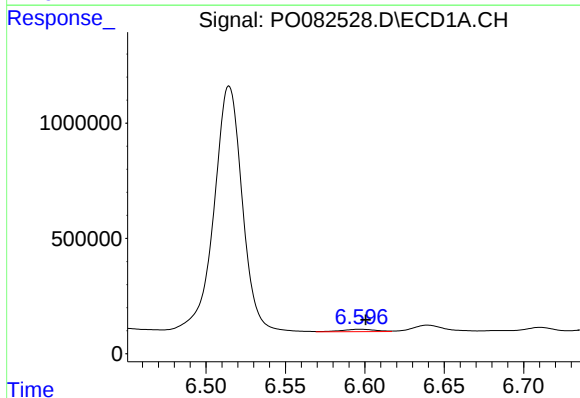
R.T.: 6.299 min
Delta R.T.: -0.004 min
Response: 57945
Conc: 37.97 ng/ml

Instrument :
ECD_O
ClientSampleId :



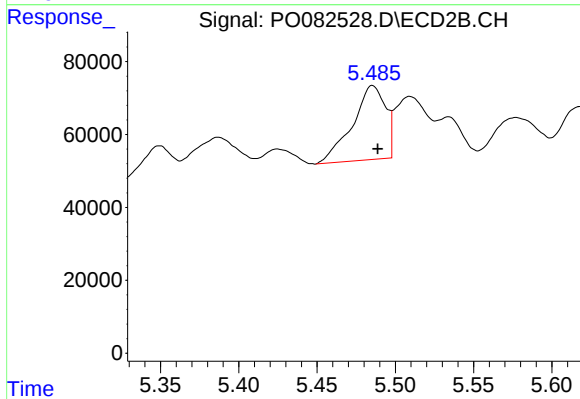
#21 AR-1248-1

R.T.: 5.221 min
Delta R.T.: -0.002 min
Response: -7359
Conc: N.D.



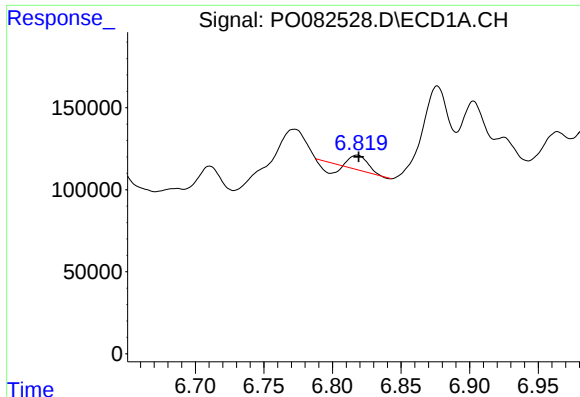
#22 AR-1248-2

R.T.: 6.597 min
Delta R.T.: -0.004 min
Response: 145942
Conc: 69.39 ng/ml



#22 AR-1248-2

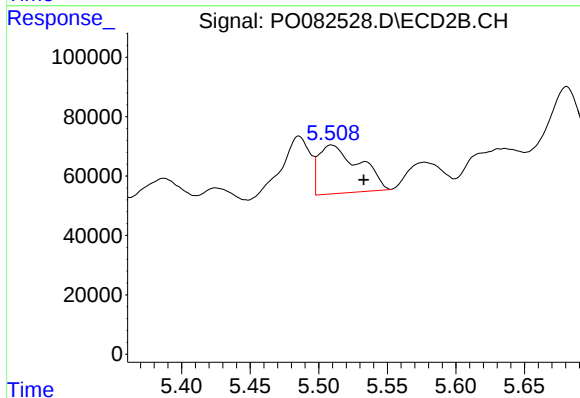
R.T.: 5.486 min
Delta R.T.: -0.003 min
Response: 297980
Conc: 292.62 ng/ml



#23 AR-1248-3

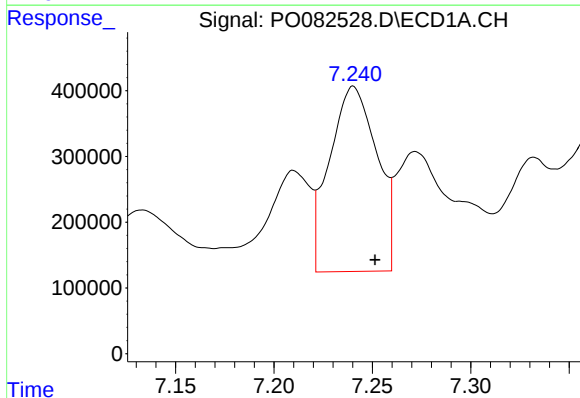
R.T.: 6.818 min
Delta R.T.: -0.001 min
Response: 34953
Conc: 14.41 ng/ml

Instrument :
ECD_O
ClientSampleId :



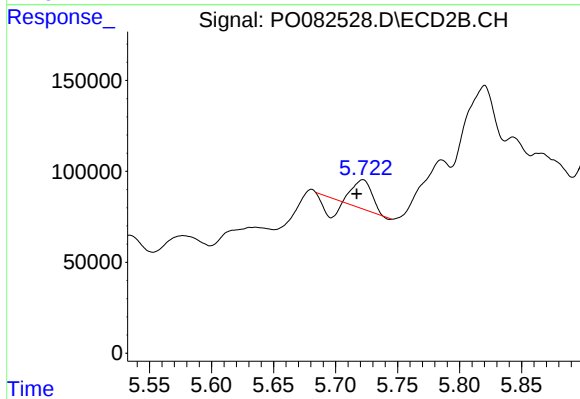
#23 AR-1248-3

R.T.: 5.509 min
Delta R.T.: -0.023 min
Response: 334306
Conc: 321.27 ng/ml



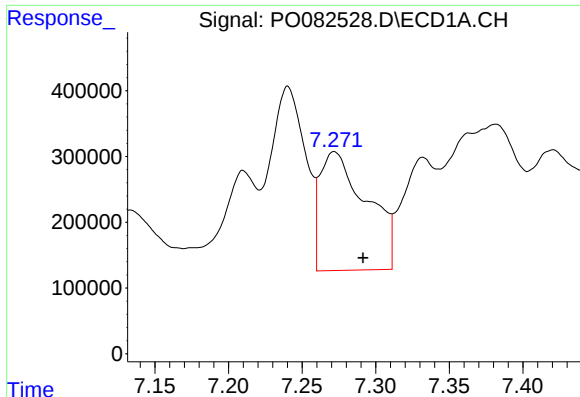
#24 AR-1248-4

R.T.: 7.240 min
Delta R.T.: -0.011 min
Response: 4715171
Conc: 1835.77 ng/ml



#24 AR-1248-4

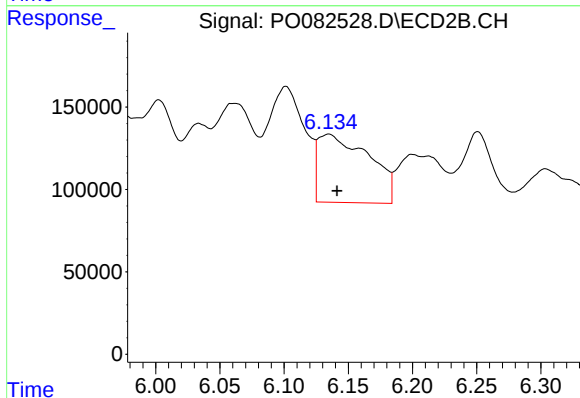
R.T.: 5.722 min
Delta R.T.: 0.004 min
Response: 93912
Conc: 76.61 ng/ml



#25 AR-1248-5

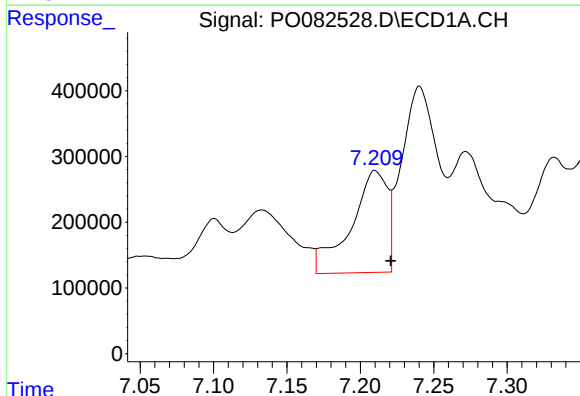
R.T.: 7.272 min
Delta R.T.: -0.020 min
Response: 3994517
Conc: 1583.70 ng/ml

Instrument :
ECD_O
ClientSampleId :



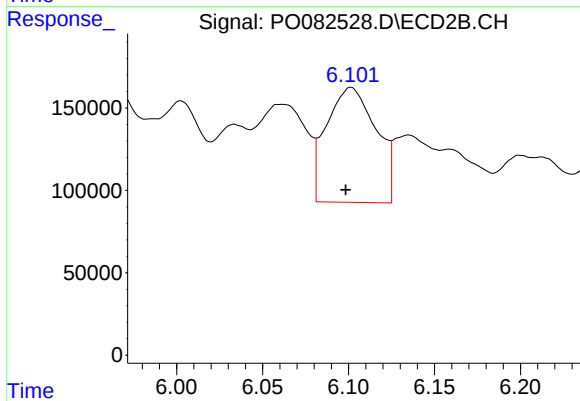
#25 AR-1248-5

R.T.: 6.134 min
Delta R.T.: -0.007 min
Response: 1142262
Conc: 924.41 ng/ml



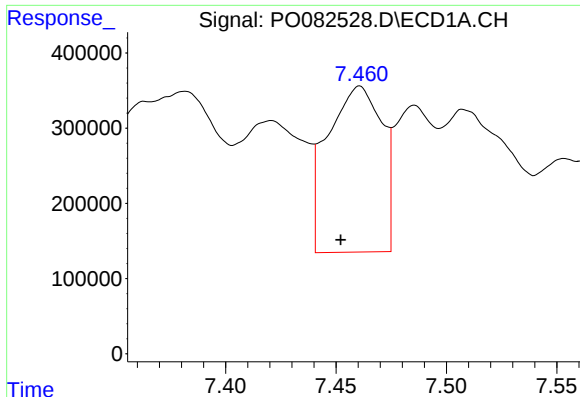
#26 AR-1254-1

R.T.: 7.210 min
Delta R.T.: -0.011 min
Response: 2687889
Conc: 986.59 ng/ml



#26 AR-1254-1

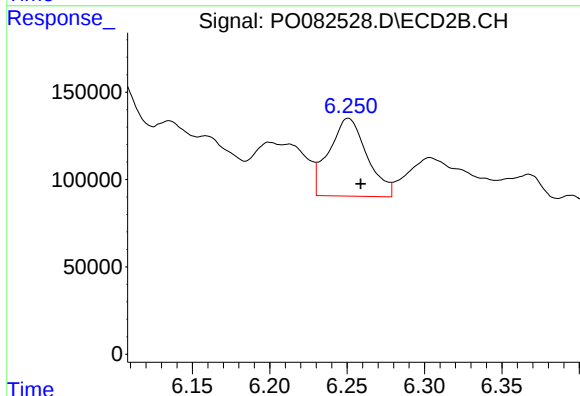
R.T.: 6.101 min
Delta R.T.: 0.003 min
Response: 1403008
Conc: 722.32 ng/ml



#27 AR-1254-2

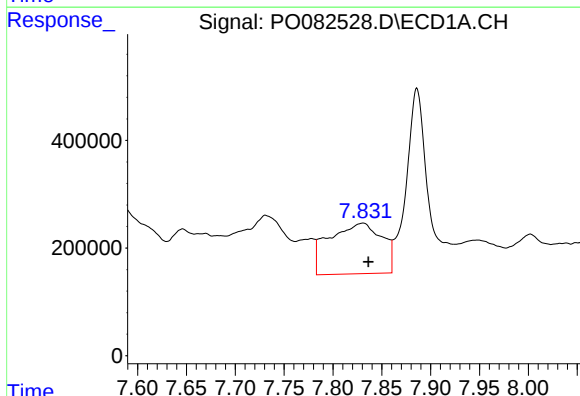
R.T.: 7.461 min
Delta R.T.: 0.009 min
Response: 3779810
Conc: 907.39 ng/ml

Instrument :
ECD_O
ClientSampleId :



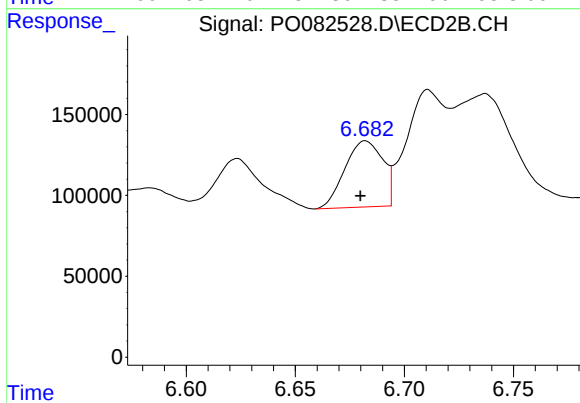
#27 AR-1254-2

R.T.: 6.251 min
Delta R.T.: -0.008 min
Response: 765980
Conc: 447.58 ng/ml



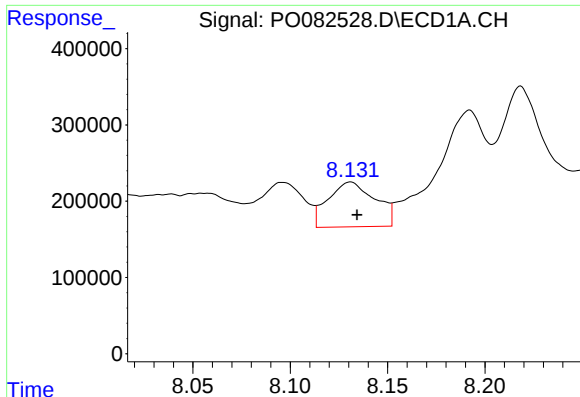
#28 AR-1254-3

R.T.: 7.831 min
Delta R.T.: -0.005 min
Response: 3535819
Conc: 826.71 ng/ml



#28 AR-1254-3

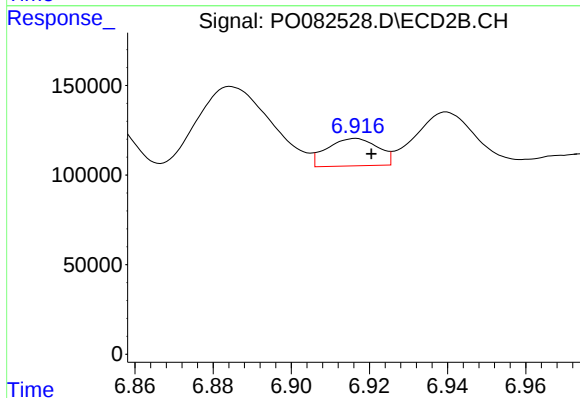
R.T.: 6.682 min
Delta R.T.: 0.002 min
Response: 493900
Conc: 192.11 ng/ml



#29 AR-1254-4

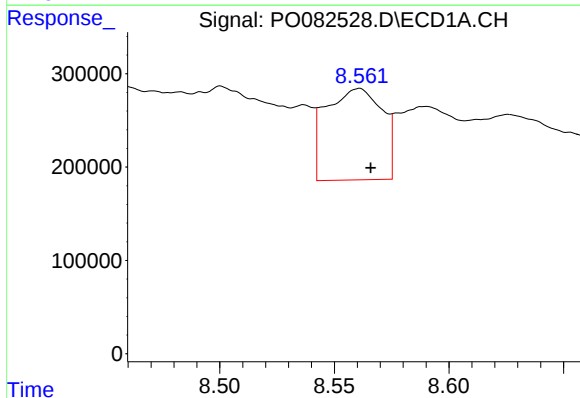
R.T.: 8.131 min
Delta R.T.: -0.003 min
Response: 985563
Conc: 321.38 ng/ml

Instrument :
ECD_O
ClientSampleId :



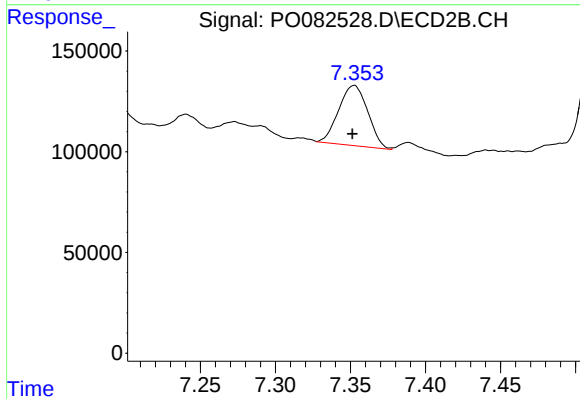
#29 AR-1254-4

R.T.: 6.916 min
Delta R.T.: -0.004 min
Response: 137816
Conc: 75.82 ng/ml



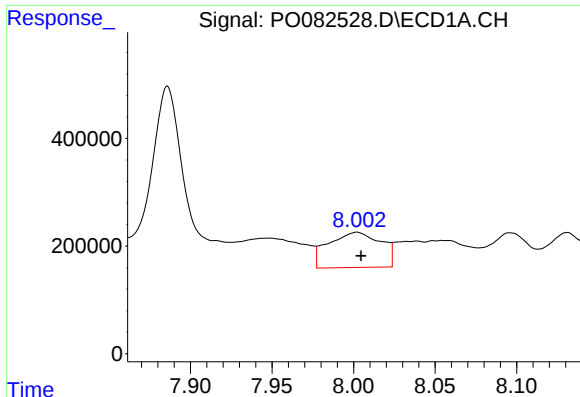
#30 AR-1254-5

R.T.: 8.561 min
Delta R.T.: -0.005 min
Response: 1675202
Conc: 520.91 ng/ml



#30 AR-1254-5

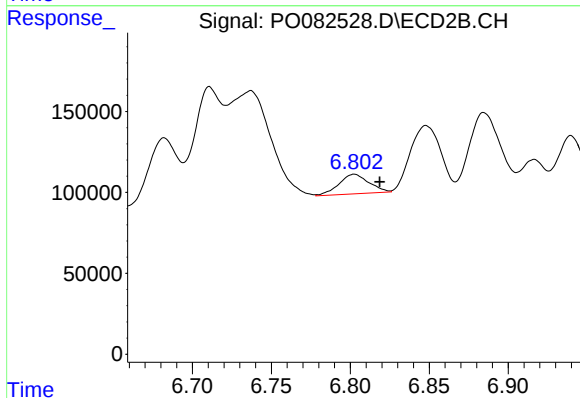
R.T.: 7.352 min
Delta R.T.: 0.000 min
Response: 402617
Conc: 173.22 ng/ml



#31 AR-1260-1

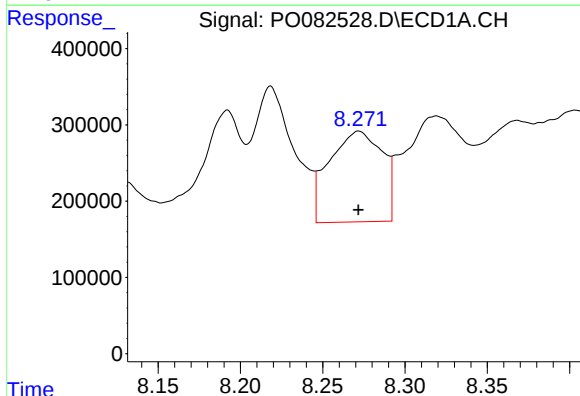
R.T.: 8.002 min
Delta R.T.: -0.002 min
Response: 1460442
Conc: 459.91 ng/ml

Instrument :
ECD_O
ClientSampleId :



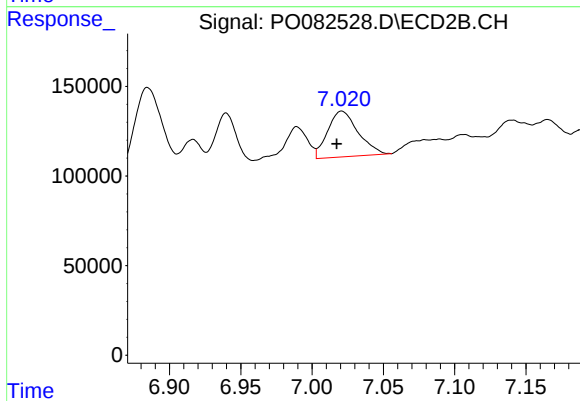
#31 AR-1260-1

R.T.: 6.803 min
Delta R.T.: -0.016 min
Response: 159741
Conc: 88.06 ng/ml



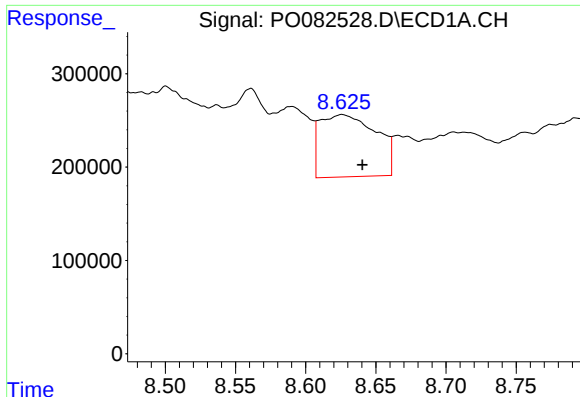
#32 AR-1260-2

R.T.: 8.272 min
Delta R.T.: 0.000 min
Response: 2660685
Conc: 707.83 ng/ml



#32 AR-1260-2

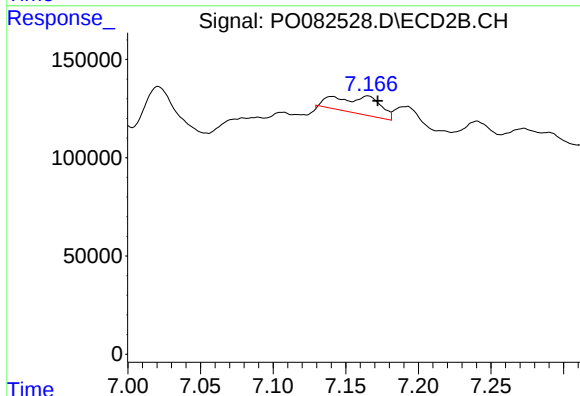
R.T.: 7.021 min
Delta R.T.: 0.004 min
Response: 380393
Conc: 158.95 ng/ml



#33 AR-1260-3

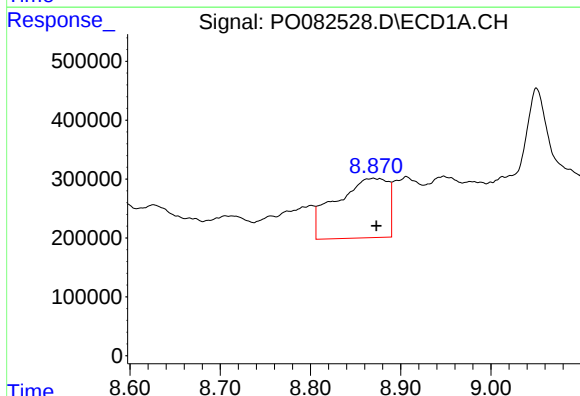
R.T.: 8.626 min
Delta R.T.: -0.015 min
Response: 1854135
Conc: 654.69 ng/ml

Instrument :
ECD_O
ClientSampleId :



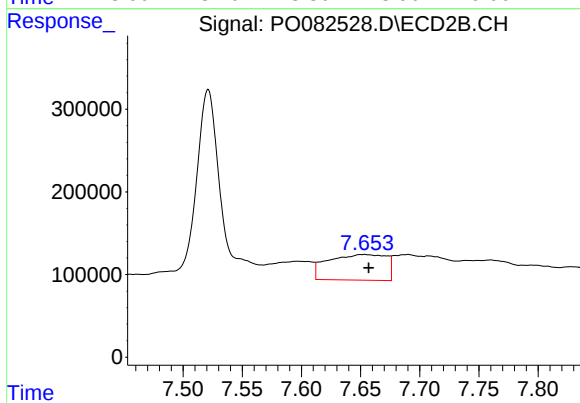
#33 AR-1260-3

R.T.: 7.165 min
Delta R.T.: -0.007 min
Response: 169421
Conc: 79.67 ng/ml



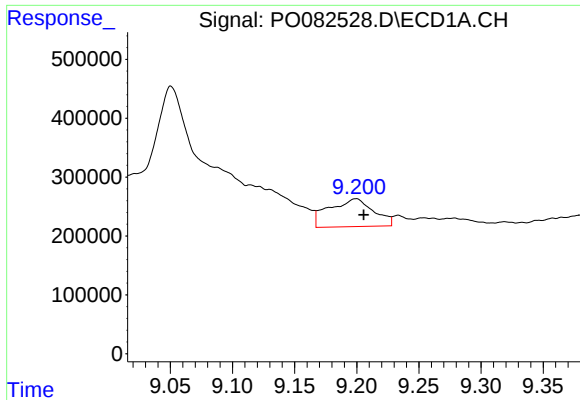
#34 AR-1260-4

R.T.: 8.870 min
Delta R.T.: -0.003 min
Response: 4049315
Conc: 1214.76 ng/ml



#34 AR-1260-4

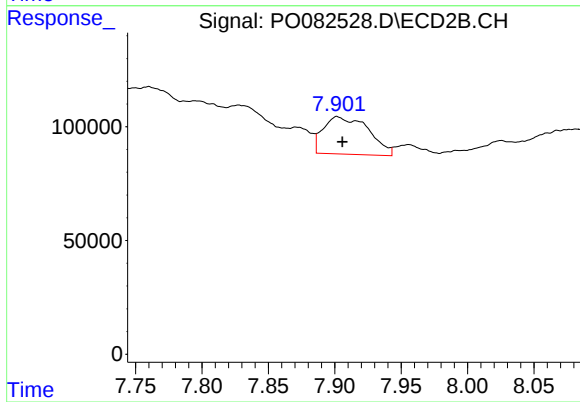
R.T.: 7.653 min
Delta R.T.: -0.004 min
Response: 1057568
Conc: 634.05 ng/ml



#35 AR-1260-5

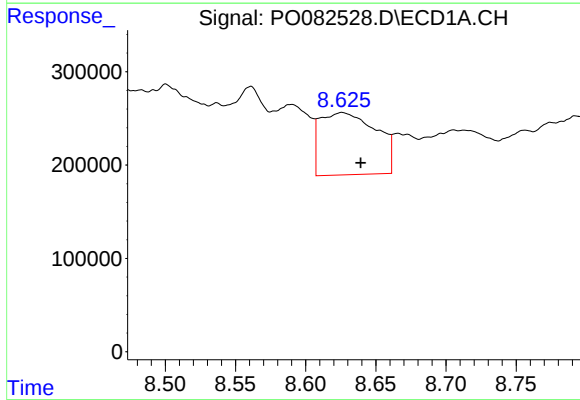
R.T.: 9.199 min
Delta R.T.: -0.006 min
Response: 1177159
Conc: 187.60 ng/ml

Instrument :
ECD_O
ClientSampleId :



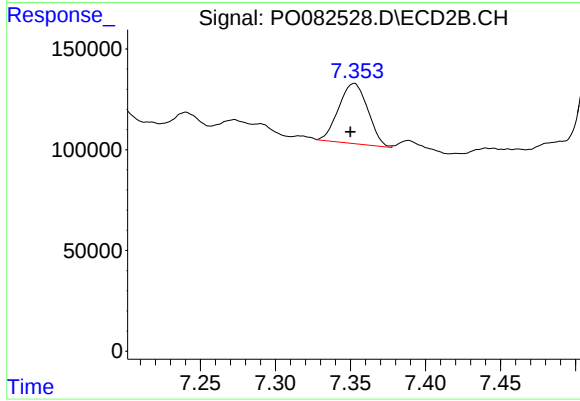
#35 AR-1260-5

R.T.: 7.902 min
Delta R.T.: -0.003 min
Response: 390602
Conc: 93.81 ng/ml



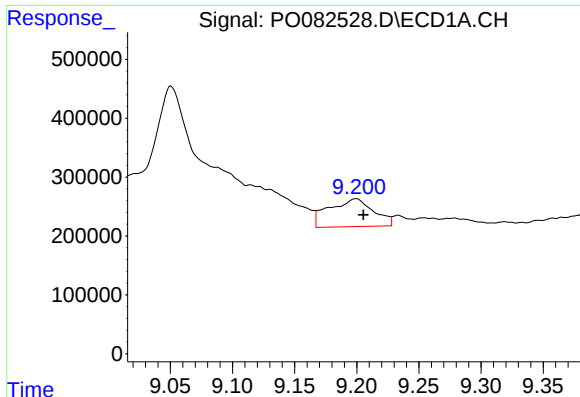
#36 AR-1262-1

R.T.: 8.626 min
Delta R.T.: -0.013 min
Response: 1854135
Conc: 499.71 ng/ml



#36 AR-1262-1

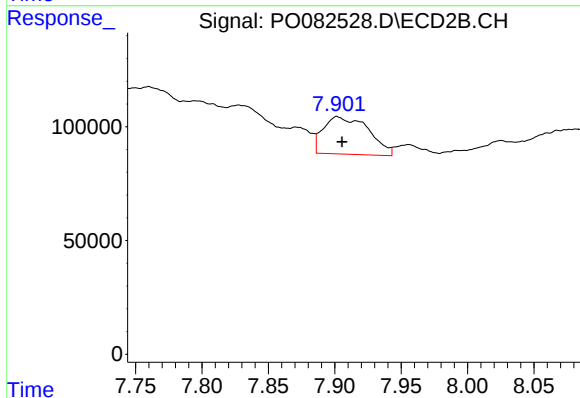
R.T.: 7.352 min
Delta R.T.: 0.002 min
Response: 402617
Conc: 336.88 ng/ml



#37 AR-1262-2

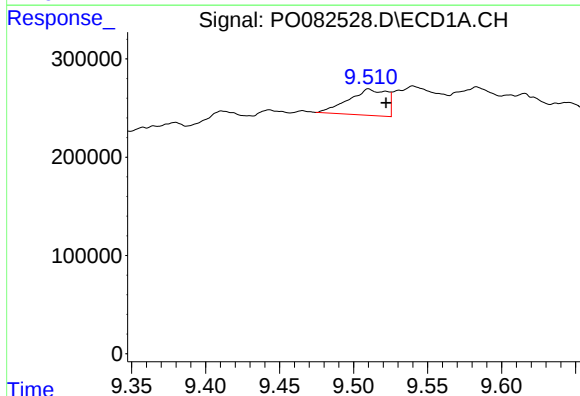
R.T.: 9.199 min
Delta R.T.: -0.006 min
Response: 1177159
Conc: 184.31 ng/ml

Instrument :
ECD_O
ClientSampleId :



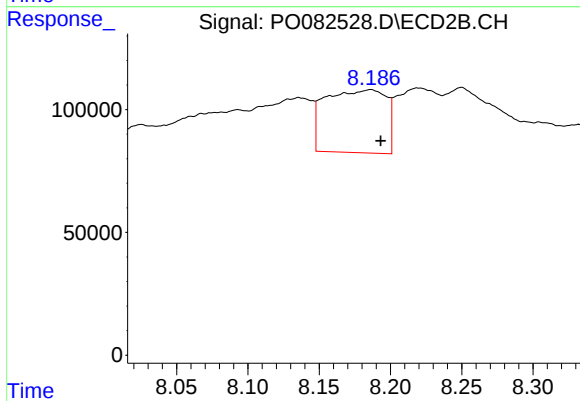
#37 AR-1262-2

R.T.: 7.902 min
Delta R.T.: -0.003 min
Response: 390602
Conc: 95.71 ng/ml



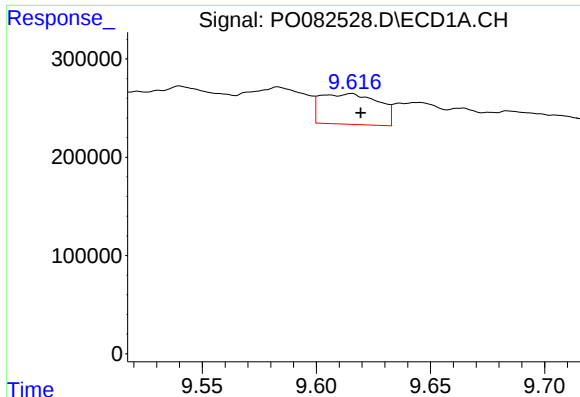
#38 AR-1262-3

R.T.: 9.510 min
Delta R.T.: -0.012 min
Response: 483061
Conc: 168.46 ng/ml



#38 AR-1262-3

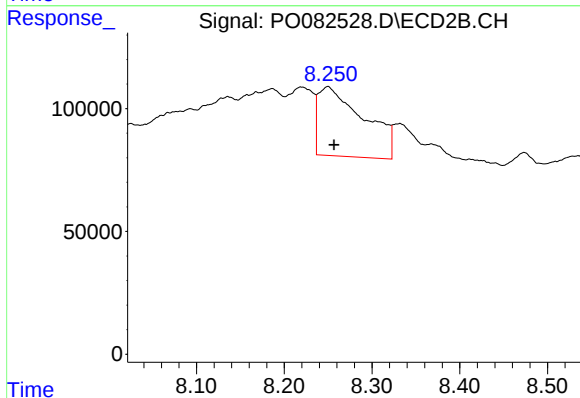
R.T.: 8.186 min
Delta R.T.: -0.007 min
Response: 757770
Conc: 464.68 ng/ml



#39 AR-1262-4

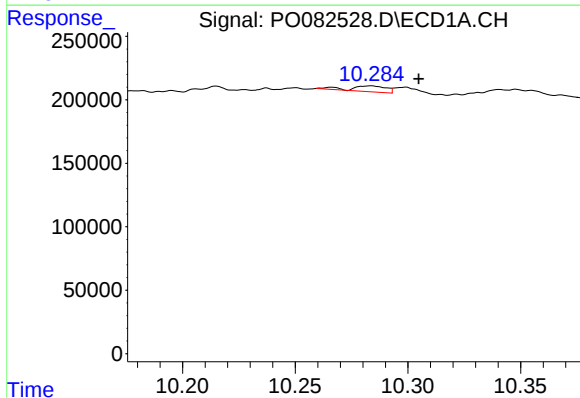
R.T.: 9.615 min
Delta R.T.: -0.004 min
Response: 550656
Conc: 326.28 ng/ml

Instrument :
ECD_O
ClientSampleId :



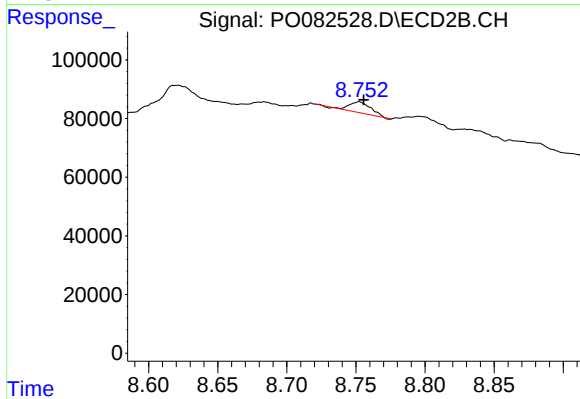
#39 AR-1262-4

R.T.: 8.250 min
Delta R.T.: -0.007 min
Response: 1019411
Conc: 350.07 ng/ml



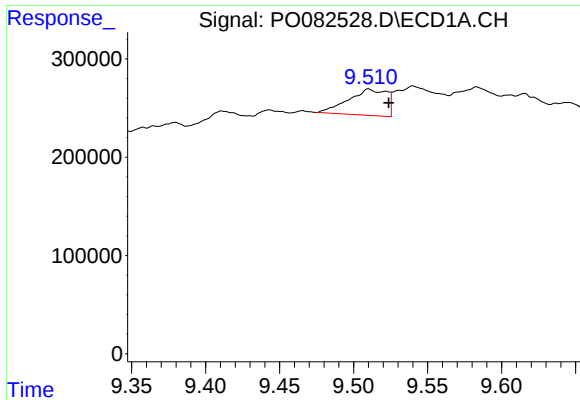
#40 AR-1262-5

R.T.: 10.284 min
Delta R.T.: -0.021 min
Response: 50633
Conc: 20.85 ng/ml



#40 AR-1262-5

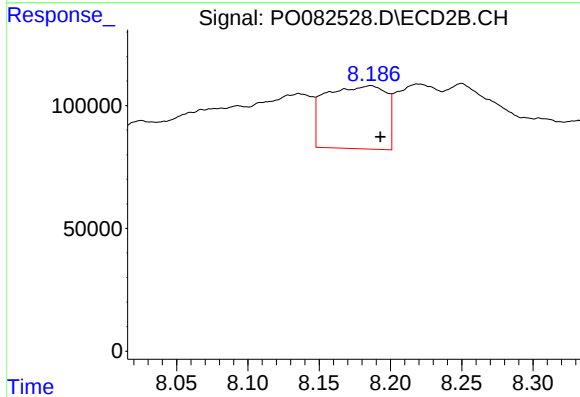
R.T.: 8.752 min
Delta R.T.: -0.004 min
Response: 38931
Conc: 28.41 ng/ml



#41 AR-1268-1

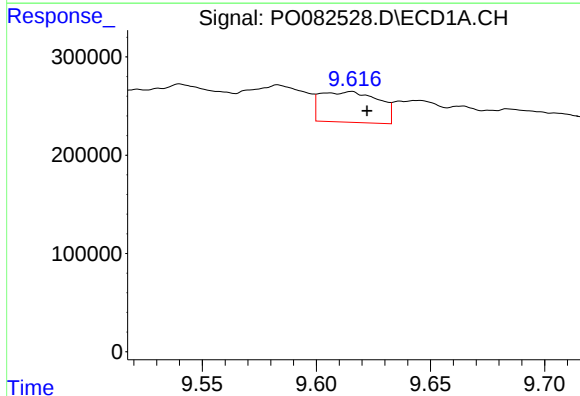
R.T.: 9.510 min
Delta R.T.: -0.014 min
Response: 483061
Conc: 59.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



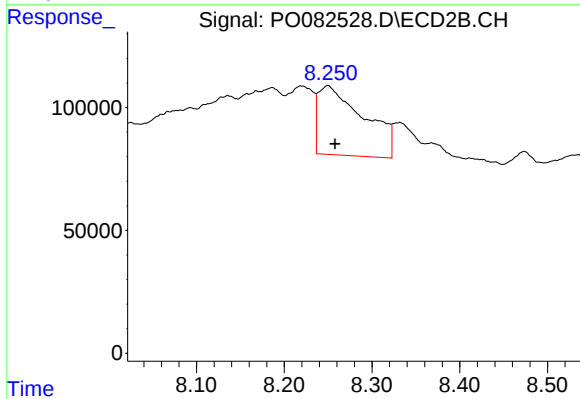
#41 AR-1268-1

R.T.: 8.186 min
Delta R.T.: -0.007 min
Response: 757770
Conc: 144.89 ng/ml



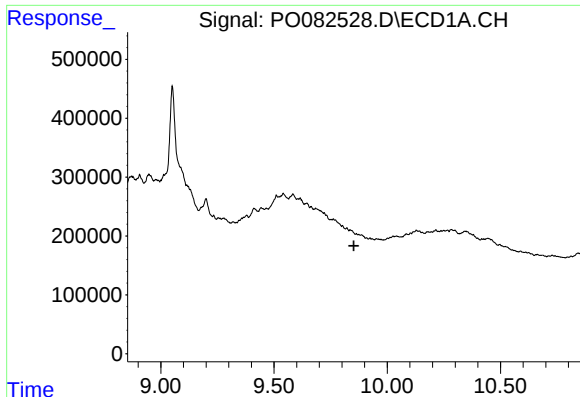
#42 AR-1268-2

R.T.: 9.615 min
Delta R.T.: -0.007 min
Response: 550656
Conc: 72.83 ng/ml



#42 AR-1268-2

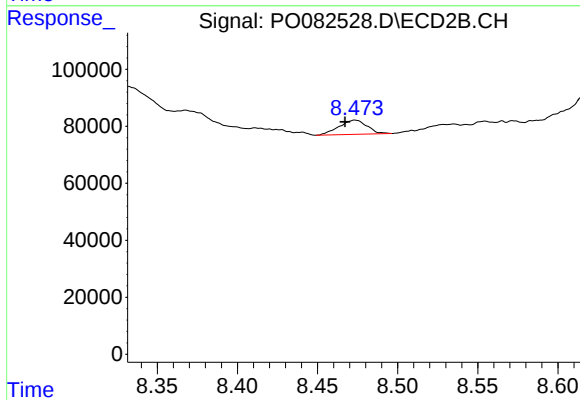
R.T.: 8.250 min
Delta R.T.: -0.008 min
Response: 1019411
Conc: 224.65 ng/ml



#43 AR-1268-3

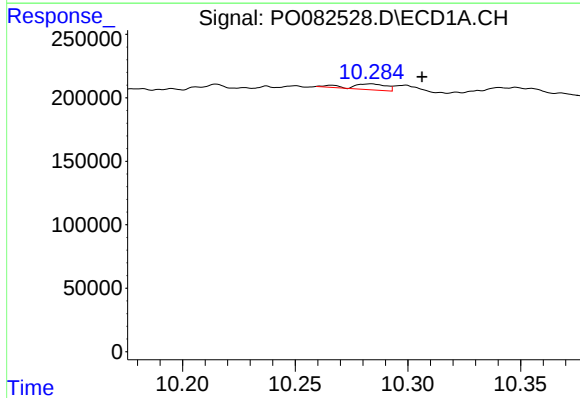
R.T.: 0.000 min
Exp R.T.: 9.853 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



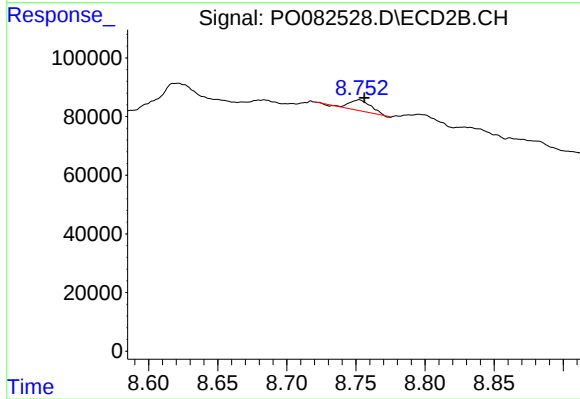
#43 AR-1268-3

R.T.: 8.473 min
Delta R.T.: 0.006 min
Response: 60227
Conc: 15.50 ng/ml



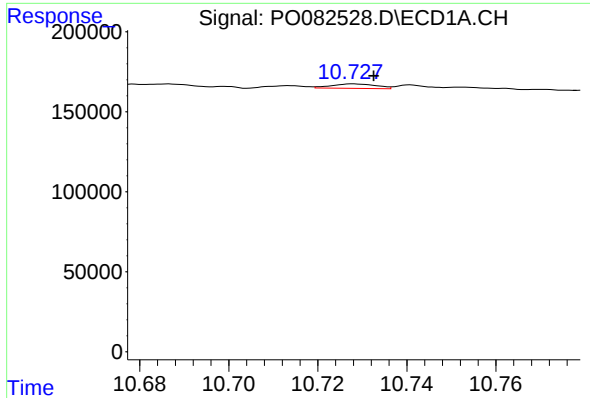
#44 AR-1268-4

R.T.: 10.284 min
Delta R.T.: -0.023 min
Response: 50633
Conc: 18.00 ng/ml



#44 AR-1268-4

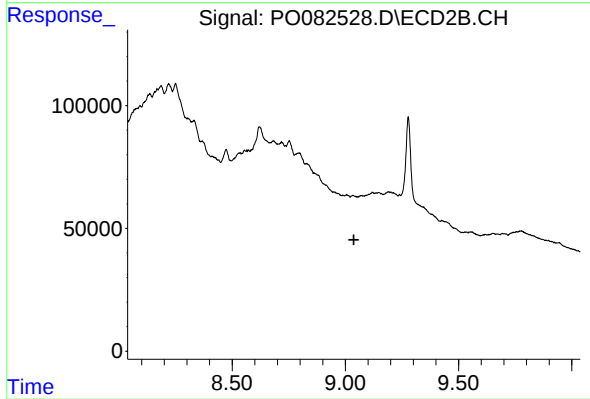
R.T.: 8.752 min
Delta R.T.: -0.004 min
Response: 38931
Conc: 24.50 ng/ml



#45 AR-1268-5

R.T.: 10.728 min
Delta R.T.: -0.004 min
Response: 19879
Conc: 0.90 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 9.038 min
Response: 0
Conc: N.D.