

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0072021\
 Data File : P0079694.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 20 Jul 2021 13:10
 Operator : DD\AJ
 Sample : M3071-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 20 14:44:33 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0071921.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jul 20 14:31:26 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...	5.016	4.222f	1344324	501851	18.161	19.974
2)	SA Decachlor...	11.143	9.700	971906	401385	18.075	17.659
Target Compounds							
3)	L1 AR-1016-1	6.329f	5.540f	15657	368417	6.030	365.391 #
4)	L1 AR-1016-2	6.371	5.540	246837	368417	68.008	272.158 #
5)	L1 AR-1016-3	6.422f	0.000	795414	0	355.256	N.D. #
6)	L1 AR-1016-4	6.561f	5.814f	45798336	104467	25036.634	165.540 #
8)	L2 AR-1221-1	5.264	4.494	711255	27358	909.831	96.286 #
9)	L2 AR-1221-2	5.376	4.609	495423	11702	867.528	51.513 #
10)	L2 AR-1221-3	5.443	0.000	388903	0	215.455	N.D. #
11)	L3 AR-1232-1	5.443	0.000	388903	0	221.654	N.D. #
12)	L3 AR-1232-2	0.000	5.540	0	368417	N.D.	639.148 #
13)	L3 AR-1232-3	6.371	0.000	246837	0	159.660	N.D. #
14)	L3 AR-1232-4	6.561	5.850	45798336	53047	60239.844	187.907 #
15)	L3 AR-1232-5	6.640	6.019	58179	-17524	104.471	N.D. #
16)	L4 AR-1242-1	6.329f	5.540f	15657	368417	8.111	484.339 #
17)	L4 AR-1242-2	6.371	5.540	246837	368417	90.953	363.619 #
18)	L4 AR-1242-3	6.422f	0.000	795414	0	471.579	N.D. #
19)	L4 AR-1242-4	6.561	5.850	45798336	53047	33583.885	96.043 #
20)	L4 AR-1242-5	7.333	6.404	291749	251362	212.043	366.095 #
21)	L5 AR-1248-1	6.329f	5.540f	15657	368417	10.469	611.570 #
22)	L5 AR-1248-2	6.640	5.814f	58179	104467	28.813	121.721 #
23)	L5 AR-1248-3	6.865	5.850f	-135821	53047	N.D.	59.337 #
24)	L5 AR-1248-4	7.292	6.019	426596	-17524	164.453	N.D. #
25)	L5 AR-1248-5	7.333	6.433f	291749	129168	117.638	130.558
26)	L6 AR-1254-1	7.265	6.404	752660	251362	300.371	169.450 #
27)	L6 AR-1254-2	7.492	6.565	1762865	585798	450.953	447.158
28)	L6 AR-1254-3	7.876	6.997	1581982	569762	377.816	269.554 #
29)	L6 AR-1254-4	8.175	7.239	1012122	328735	340.990	243.609 #
30)	L6 AR-1254-5	8.604	7.679	662589	358594	212.720	193.894
31)	L7 AR-1260-1	8.045	7.136	661950	247818	234.872	178.429
32)	L7 AR-1260-2	8.311	7.335	608116	241694	178.647	146.246
33)	L7 AR-1260-3	8.674	7.494	286466	136058	113.529	86.151
34)	L7 AR-1260-4	8.906	7.990	376167	30493	127.738	23.878 #
35)	L7 AR-1260-5	9.246	8.236	174112	90932	30.162	30.931
36)	L8 AR-1262-1	8.674	7.679	286466	358594	82.932	353.579 #
37)	L8 AR-1262-2	9.246	8.236	174112	90932	27.127	28.250
38)	L8 AR-1262-3	9.593f	8.532	58767	12781	13.157	9.843 #
39)	L8 AR-1262-4	0.000	8.593	0	83745	N.D.	35.065 #
40)	L8 AR-1262-5	10.353	9.112	13127	19266	5.918	17.099 #
41)	L9 AR-1268-1	9.593f	8.532	58767	12781	7.650	3.474 #
42)	L9 AR-1268-2	0.000	8.593	0	83745	N.D.	25.493 #

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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
44) L9	AR-1268-4	10.353	9.112	13127	19266	4.812	15.137 #
45) L9	AR-1268-5	10.796	0.000	43173	0	2.163	N.D. #

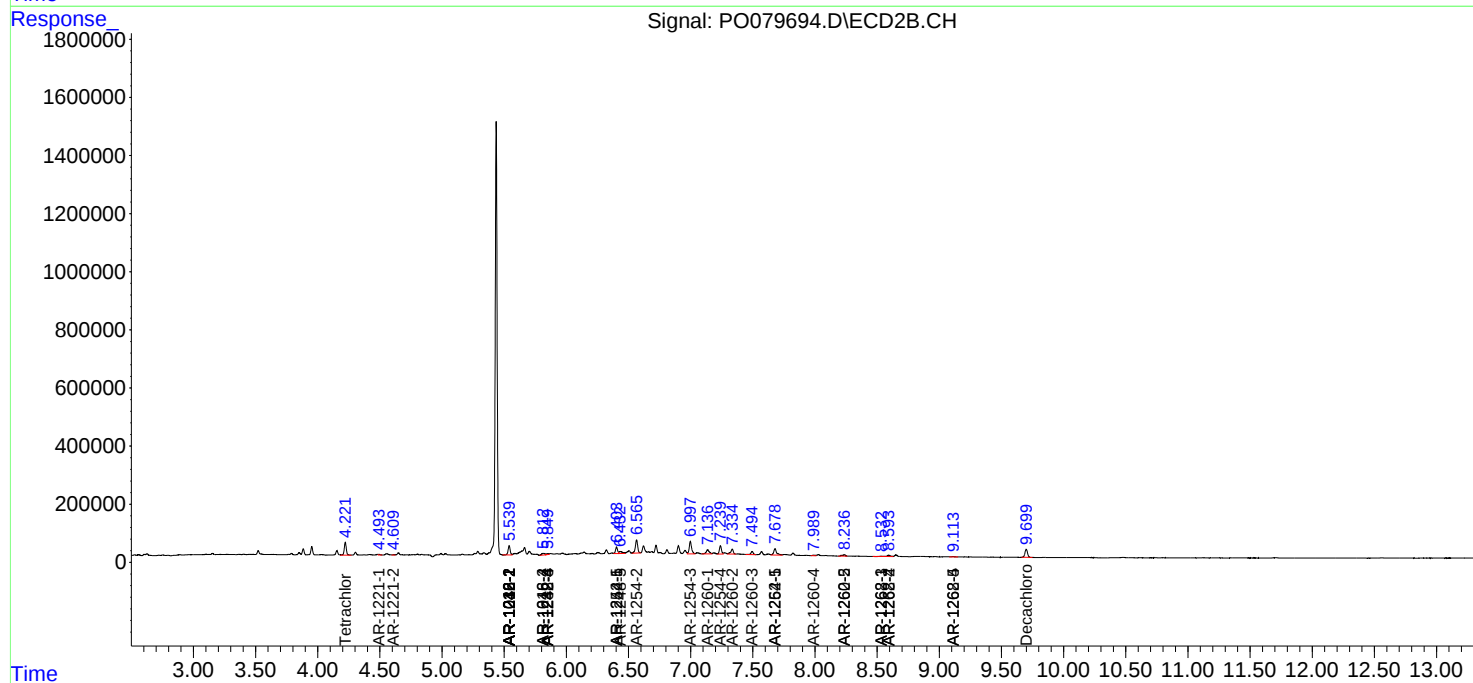
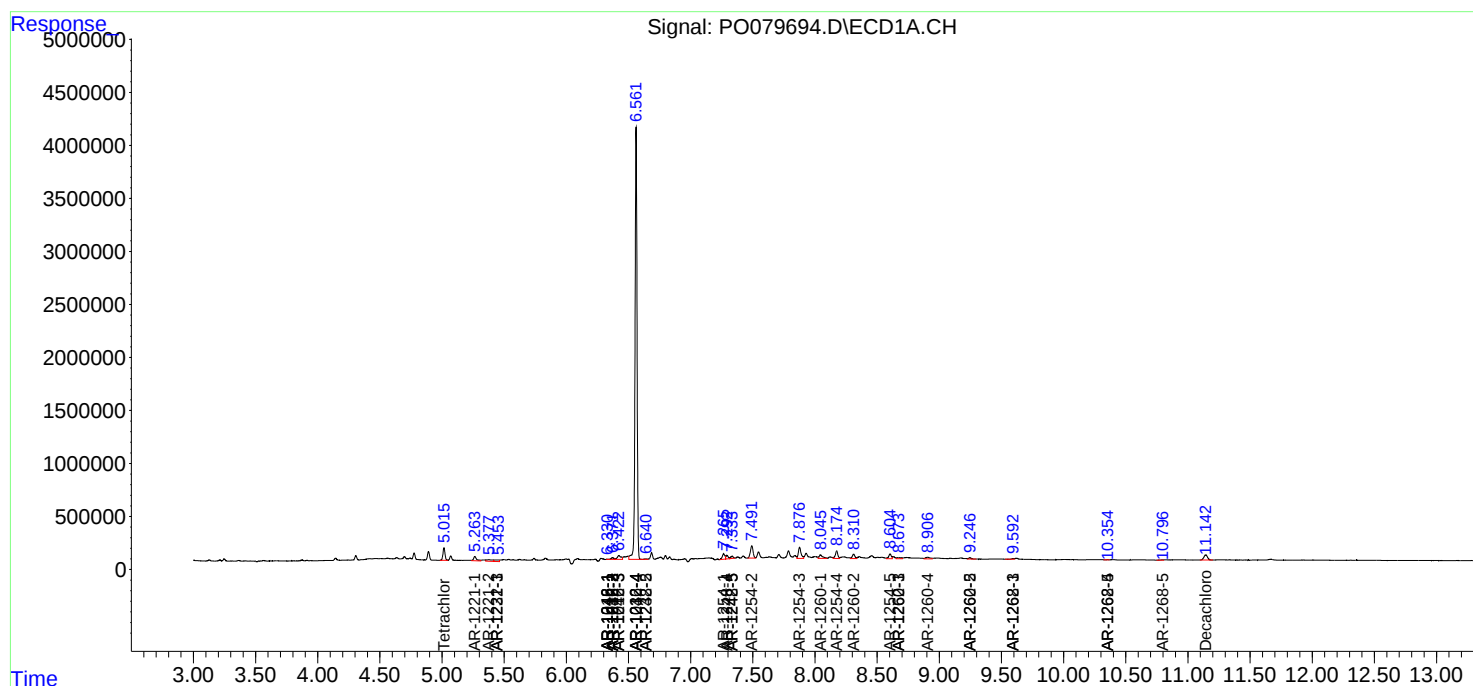
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

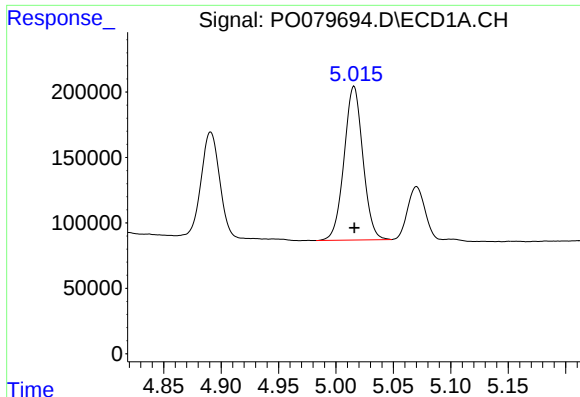
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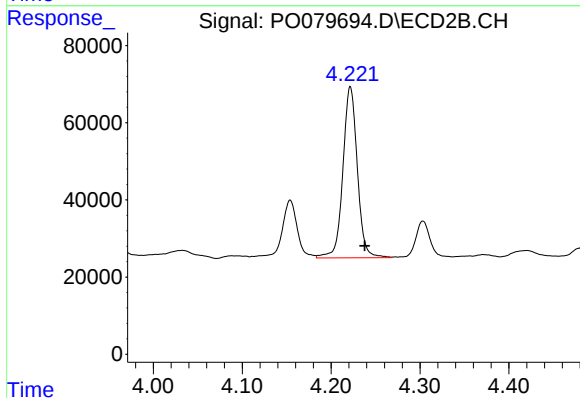




#1 Tetrachloro-m-xylene

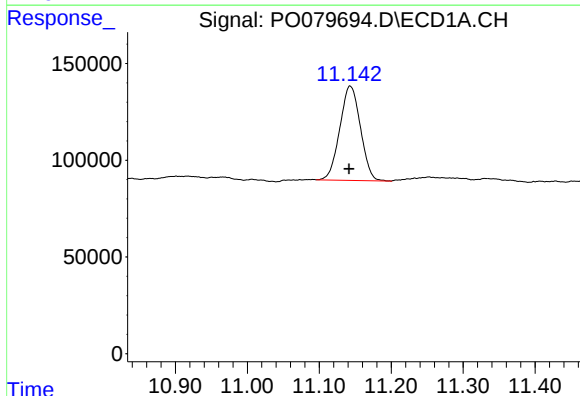
R.T.: 5.016 min
Delta R.T.: 0.000 min
Response: 1344324
Conc: 18.16 ng/ml

Instrument :
ECD_O
ClientSampleId :



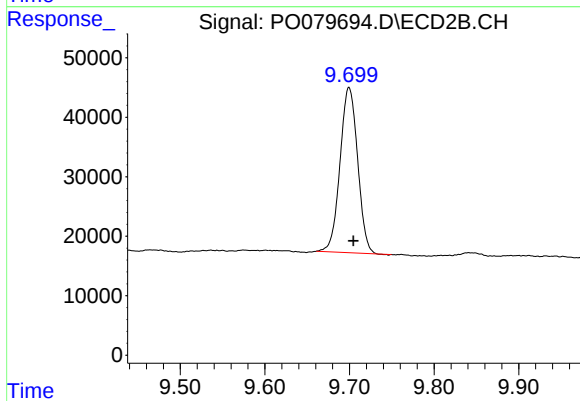
#1 Tetrachloro-m-xylene

R.T.: 4.222 min
Delta R.T.: -0.016 min
Response: 501851
Conc: 19.97 ng/ml



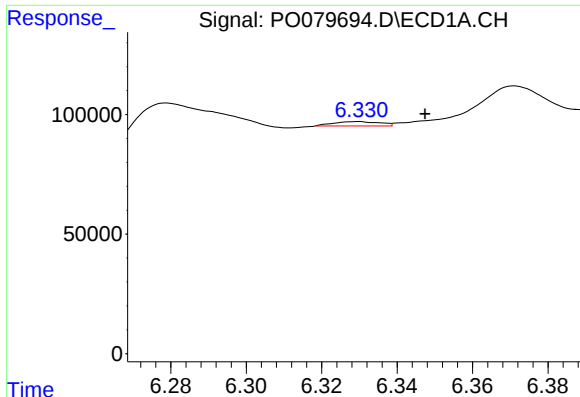
#2 Decachlorobiphenyl

R.T.: 11.143 min
Delta R.T.: 0.001 min
Response: 971906
Conc: 18.08 ng/ml



#2 Decachlorobiphenyl

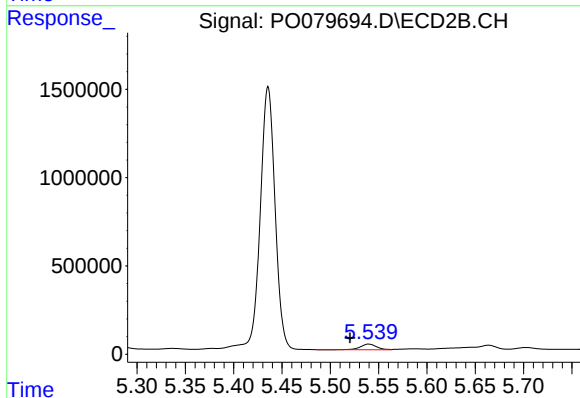
R.T.: 9.700 min
Delta R.T.: -0.005 min
Response: 401385
Conc: 17.66 ng/ml



#3 AR-1016-1

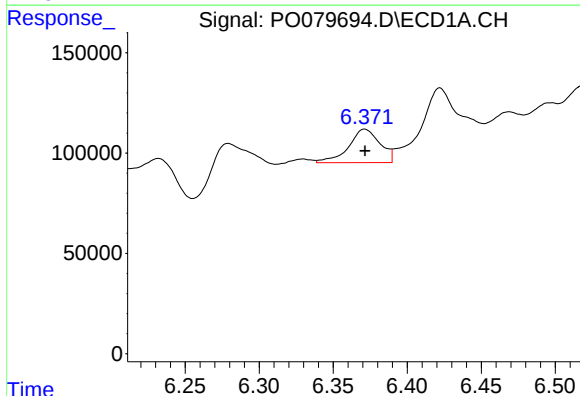
R.T.: 6.329 min
Delta R.T.: -0.018 min
Response: 15657
Conc: 6.03 ng/ml

Instrument :
ECD_O
ClientSampleId :



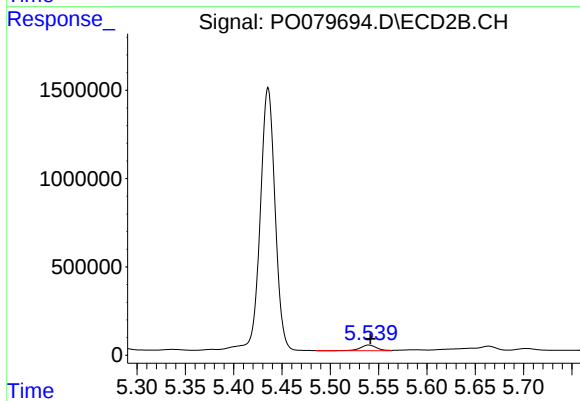
#3 AR-1016-1

R.T.: 5.540 min
Delta R.T.: 0.019 min
Response: 368417
Conc: 365.39 ng/ml



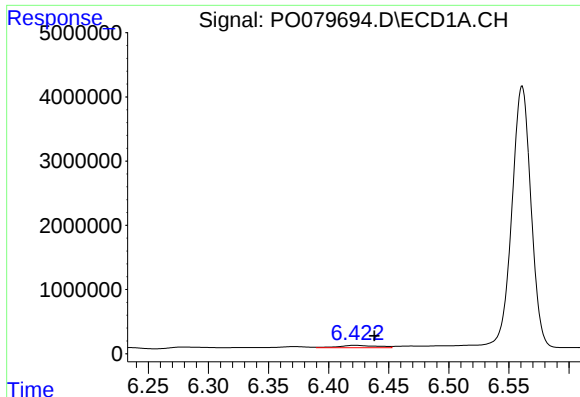
#4 AR-1016-2

R.T.: 6.371 min
Delta R.T.: 0.000 min
Response: 246837
Conc: 68.01 ng/ml



#4 AR-1016-2

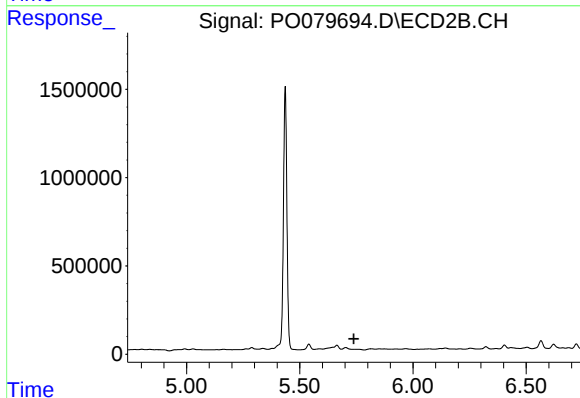
R.T.: 5.540 min
Delta R.T.: -0.002 min
Response: 368417
Conc: 272.16 ng/ml



#5 AR-1016-3

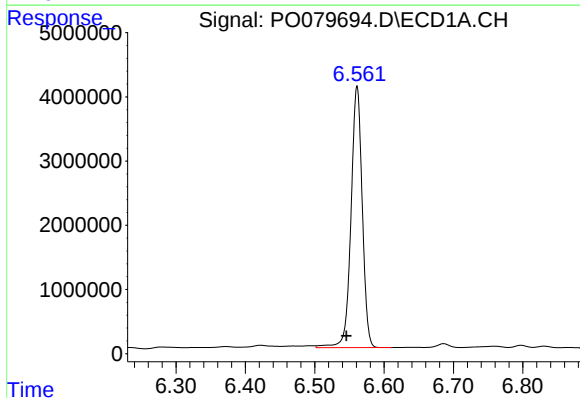
R.T.: 6.422 min
Delta R.T.: -0.016 min
Response: 795414
Conc: 355.26 ng/ml

Instrument :
ECD_O
ClientSampleId :



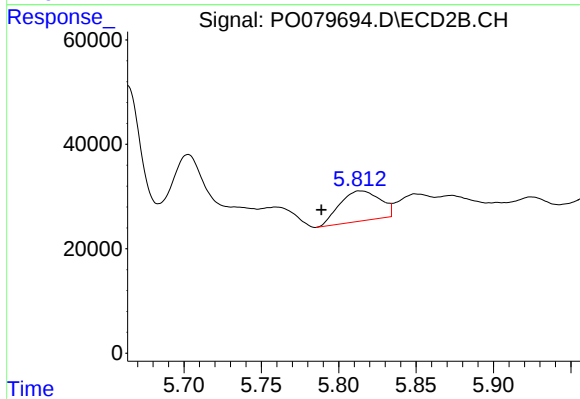
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 5.739 min
Response: 0
Conc: N.D.



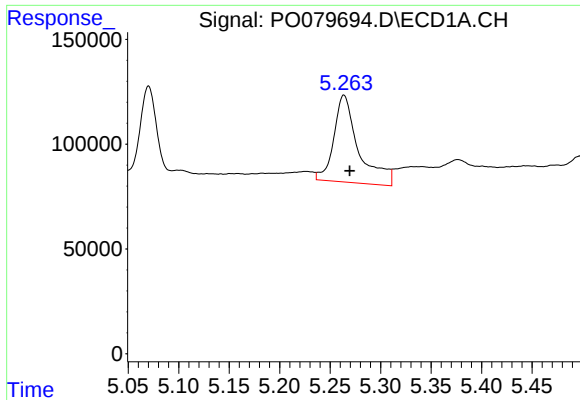
#6 AR-1016-4

R.T.: 6.561 min
Delta R.T.: 0.015 min
Response: 45798336
Conc: 25036.63 ng/ml



#6 AR-1016-4

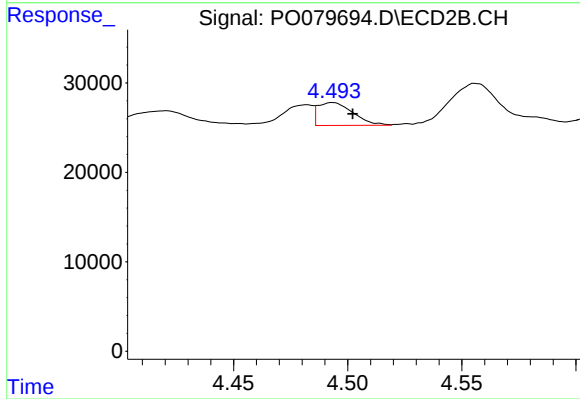
R.T.: 5.814 min
Delta R.T.: 0.025 min
Response: 104467
Conc: 165.54 ng/ml



#8 AR-1221-1

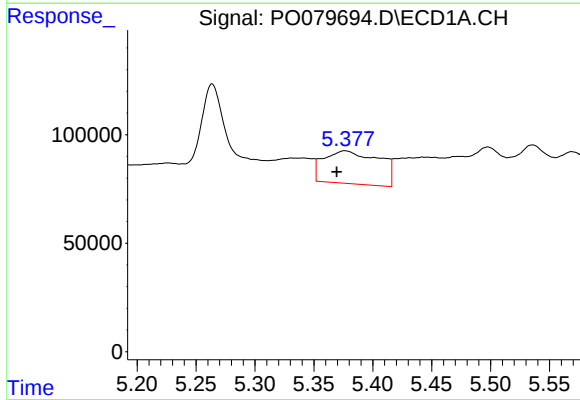
R.T.: 5.264 min
Delta R.T.: -0.006 min
Response: 711255
Conc: 909.83 ng/ml

Instrument :
ECD_O
ClientSampleId :



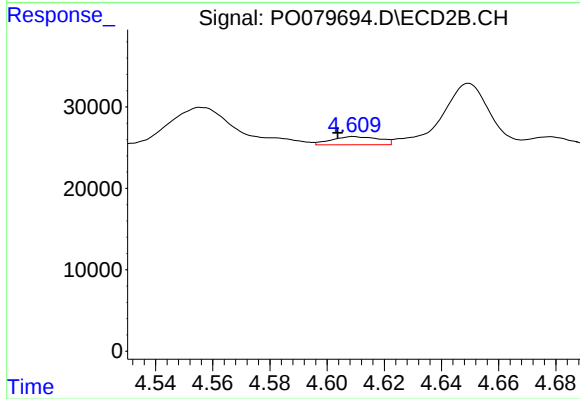
#8 AR-1221-1

R.T.: 4.494 min
Delta R.T.: -0.009 min
Response: 27358
Conc: 96.29 ng/ml



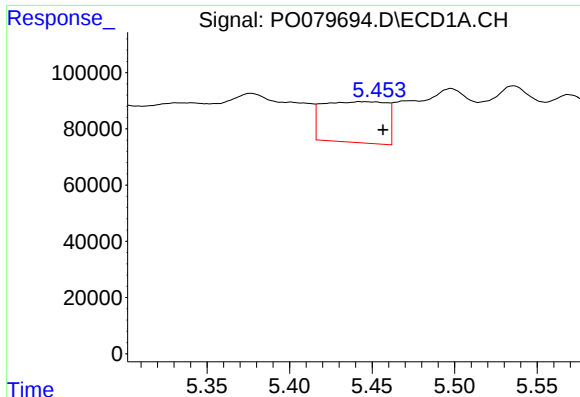
#9 AR-1221-2

R.T.: 5.376 min
Delta R.T.: 0.007 min
Response: 495423
Conc: 867.53 ng/ml



#9 AR-1221-2

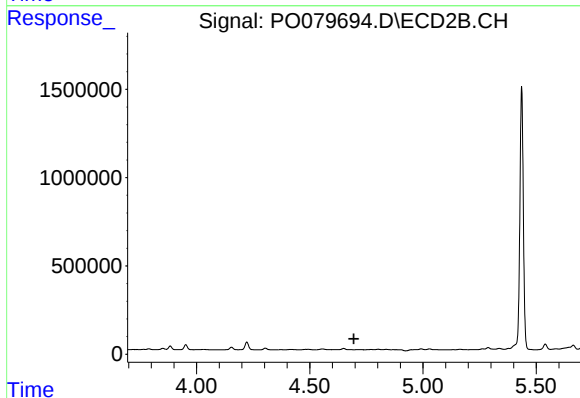
R.T.: 4.609 min
Delta R.T.: 0.005 min
Response: 11702
Conc: 51.51 ng/ml



#10 AR-1221-3

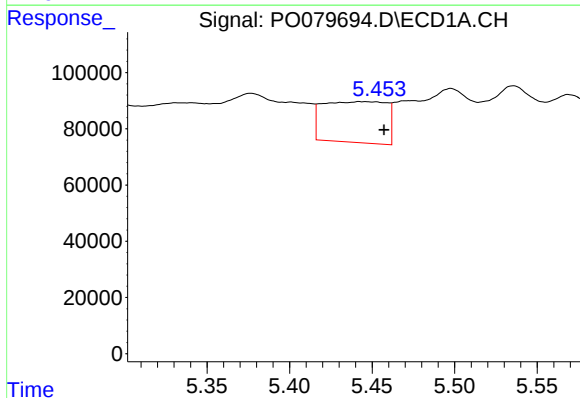
R.T.: 5.443 min
Delta R.T.: -0.014 min
Response: 388903
Conc: 215.46 ng/ml

Instrument :
ECD_O
ClientSampleId :



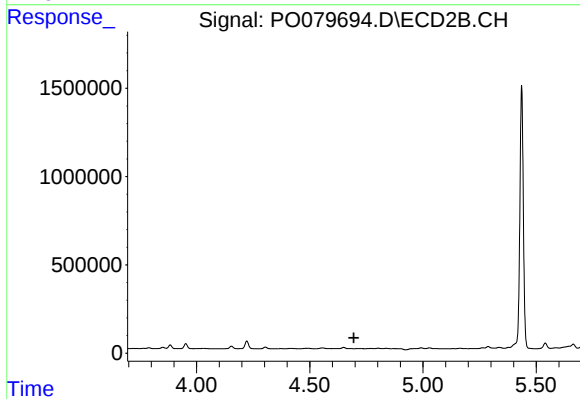
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 4.695 min
Response: 0
Conc: N.D.



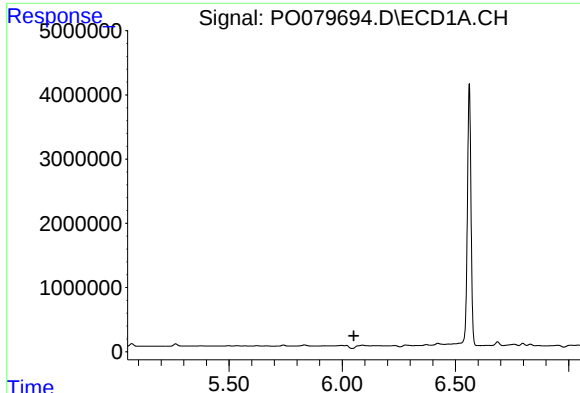
#11 AR-1232-1

R.T.: 5.443 min
Delta R.T.: -0.014 min
Response: 388903
Conc: 221.65 ng/ml



#11 AR-1232-1

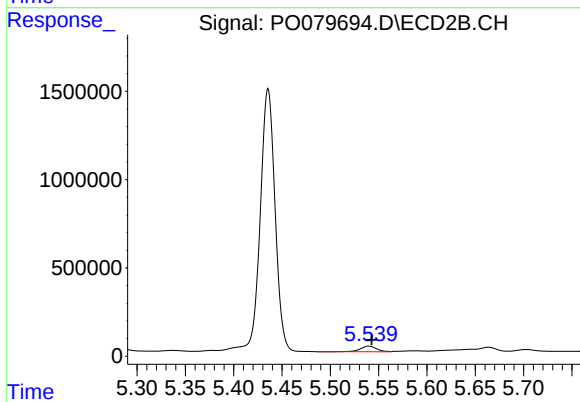
R.T.: 0.000 min
Exp R.T. : 4.695 min
Response: 0
Conc: N.D.



#12 AR-1232-2

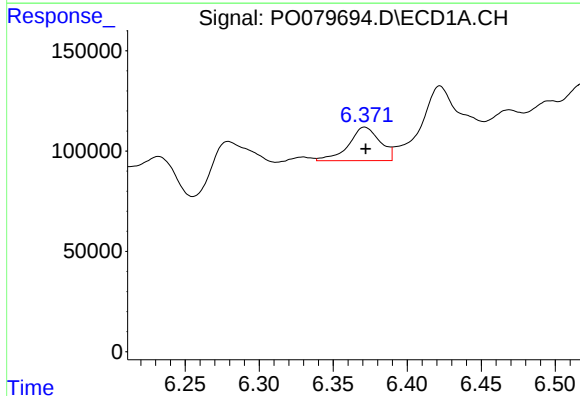
R.T.: 0.000 min
Exp R.T.: 6.051 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



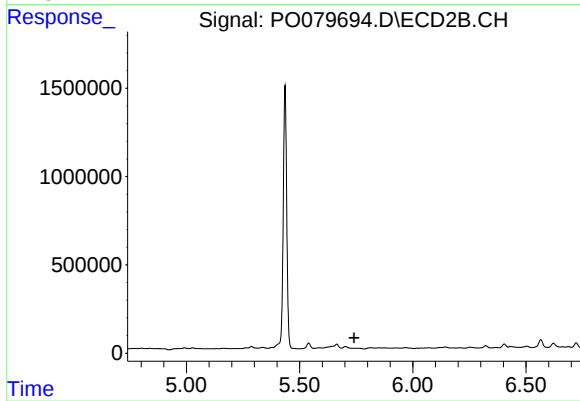
#12 AR-1232-2

R.T.: 5.540 min
Delta R.T.: -0.003 min
Response: 368417
Conc: 639.15 ng/ml



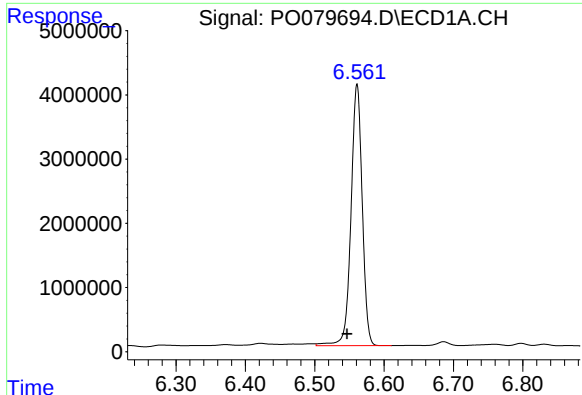
#13 AR-1232-3

R.T.: 6.371 min
Delta R.T.: 0.000 min
Response: 246837
Conc: 159.66 ng/ml



#13 AR-1232-3

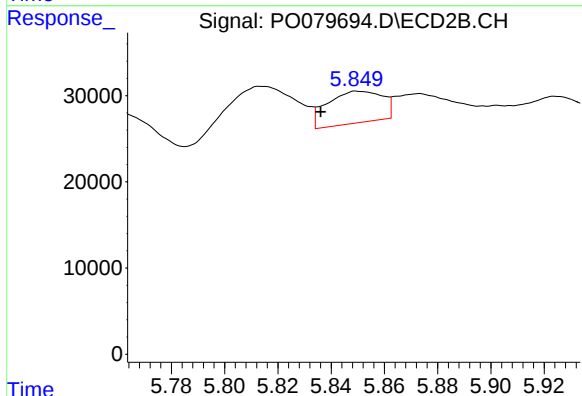
R.T.: 0.000 min
Exp R.T.: 5.740 min
Response: 0
Conc: N.D.



#14 AR-1232-4

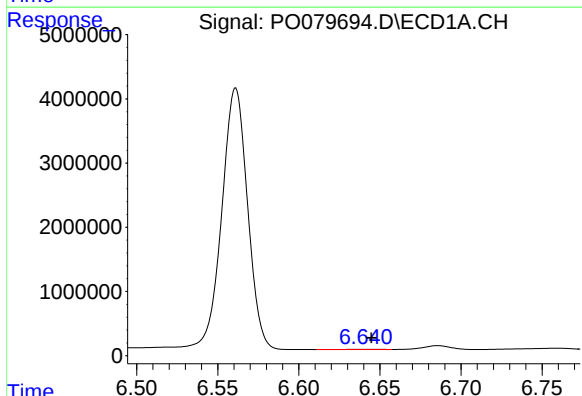
R.T.: 6.561 min
Delta R.T.: 0.014 min
Response: 45798336
Conc: 60239.84 ng/ml

Instrument :
ECD_O
ClientSampleId :



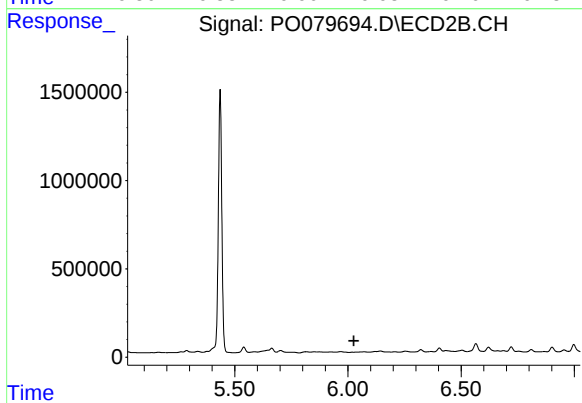
#14 AR-1232-4

R.T.: 5.850 min
Delta R.T.: 0.014 min
Response: 53047
Conc: 187.91 ng/ml



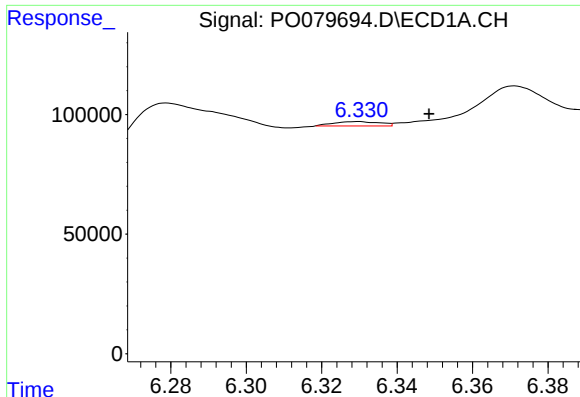
#15 AR-1232-5

R.T.: 6.640 min
Delta R.T.: -0.004 min
Response: 58179
Conc: 104.47 ng/ml



#15 AR-1232-5

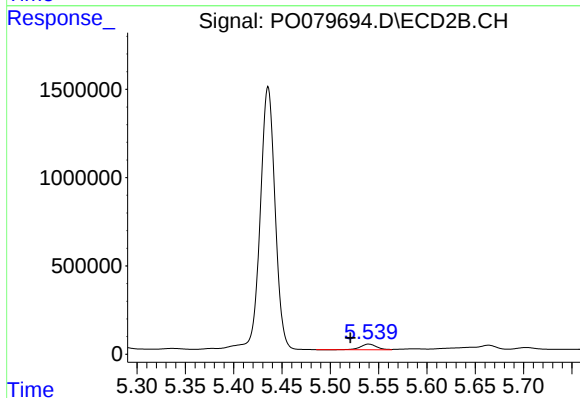
R.T.: 6.019 min
Delta R.T.: -0.008 min
Response: -17524
Conc: N.D.



#16 AR-1242-1

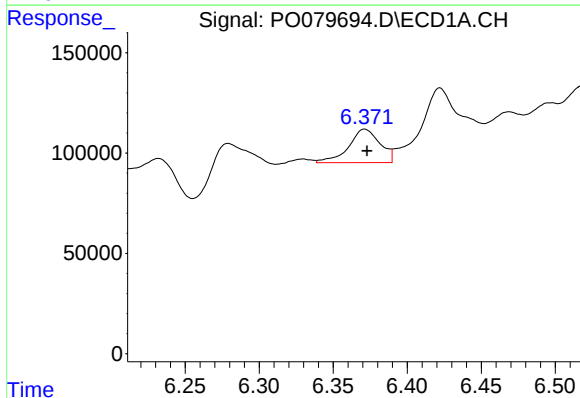
R.T.: 6.329 min
Delta R.T.: -0.019 min
Response: 15657
Conc: 8.11 ng/ml

Instrument :
ECD_O
ClientSampleId :



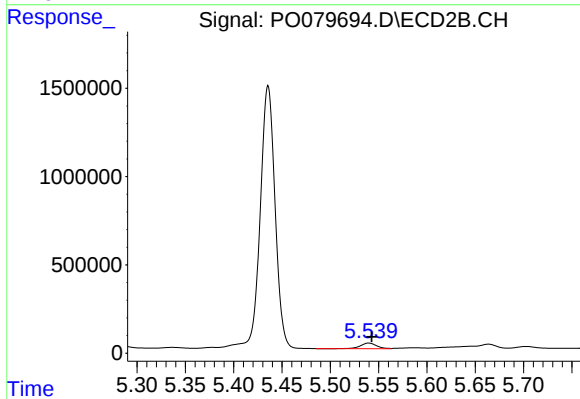
#16 AR-1242-1

R.T.: 5.540 min
Delta R.T.: 0.019 min
Response: 368417
Conc: 484.34 ng/ml



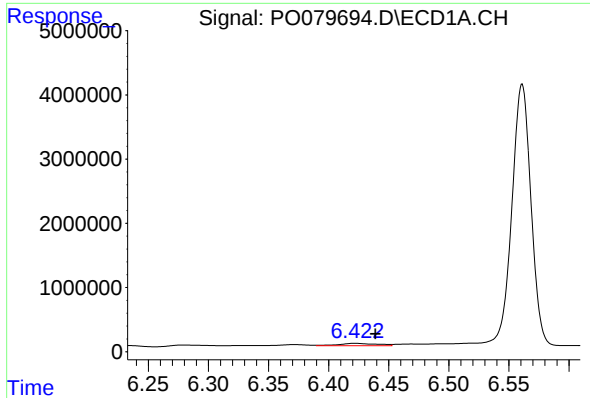
#17 AR-1242-2

R.T.: 6.371 min
Delta R.T.: -0.002 min
Response: 246837
Conc: 90.95 ng/ml



#17 AR-1242-2

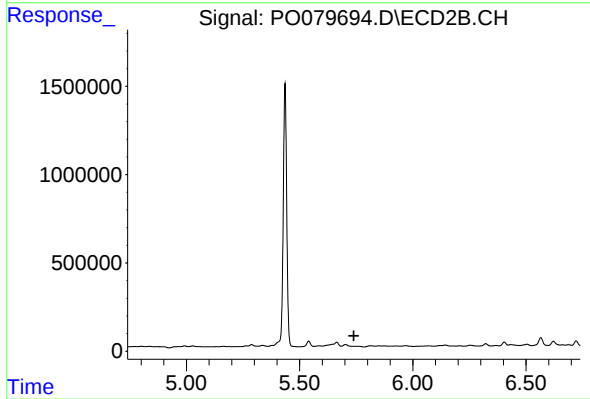
R.T.: 5.540 min
Delta R.T.: -0.003 min
Response: 368417
Conc: 363.62 ng/ml



#18 AR-1242-3

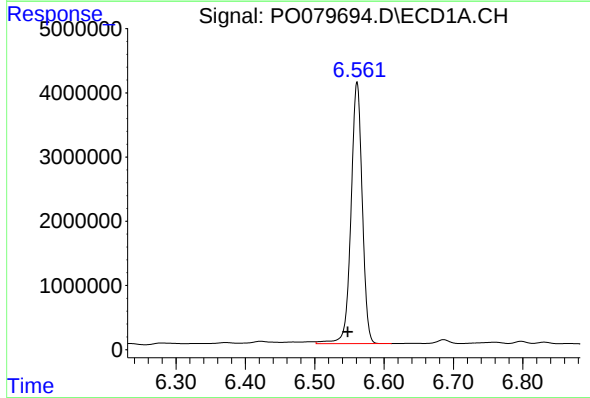
R.T.: 6.422 min
Delta R.T.: -0.017 min
Response: 795414
Conc: 471.58 ng/ml

Instrument :
ECD_O
ClientSampleId :



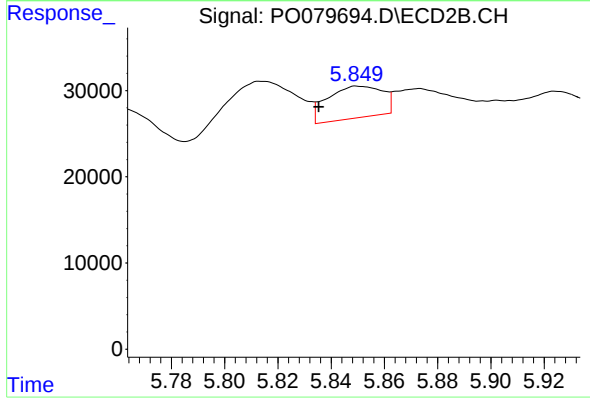
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 5.740 min
Response: 0
Conc: N.D.



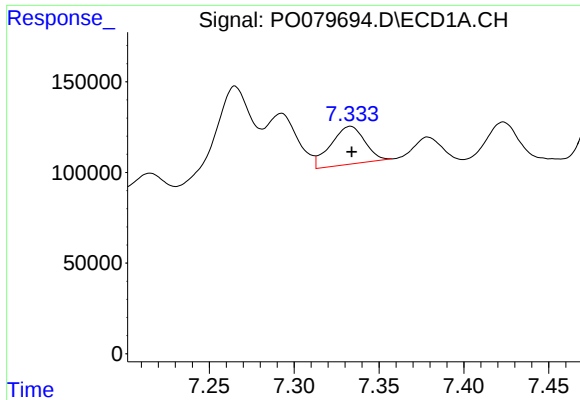
#19 AR-1242-4

R.T.: 6.561 min
Delta R.T.: 0.014 min
Response: 45798336
Conc: 33583.88 ng/ml



#19 AR-1242-4

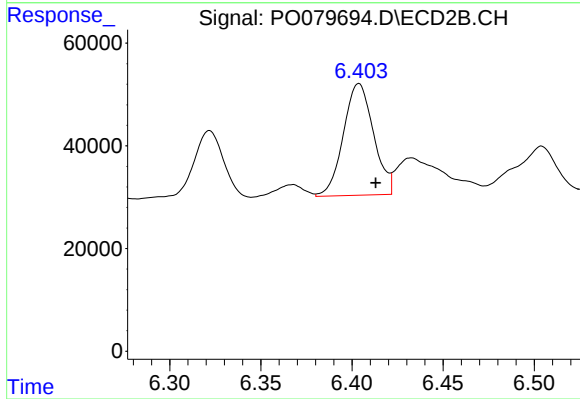
R.T.: 5.850 min
Delta R.T.: 0.015 min
Response: 53047
Conc: 96.04 ng/ml



#20 AR-1242-5

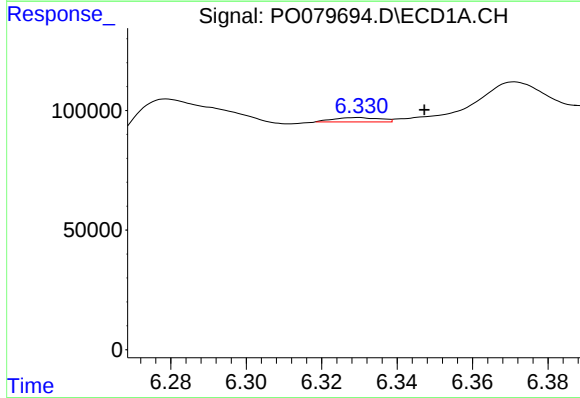
R.T.: 7.333 min
Delta R.T.: 0.000 min
Response: 291749
Conc: 212.04 ng/ml

Instrument :
ECD_O
ClientSampleId :



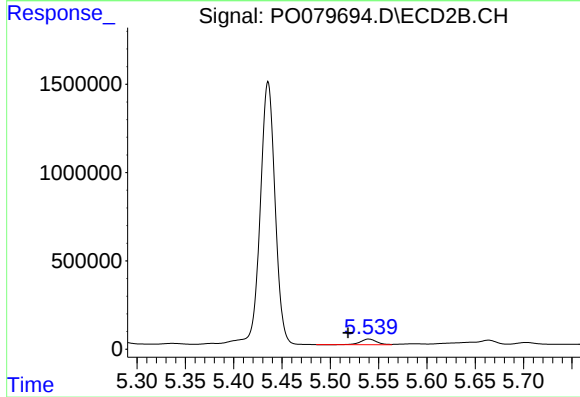
#20 AR-1242-5

R.T.: 6.404 min
Delta R.T.: -0.009 min
Response: 251362
Conc: 366.10 ng/ml



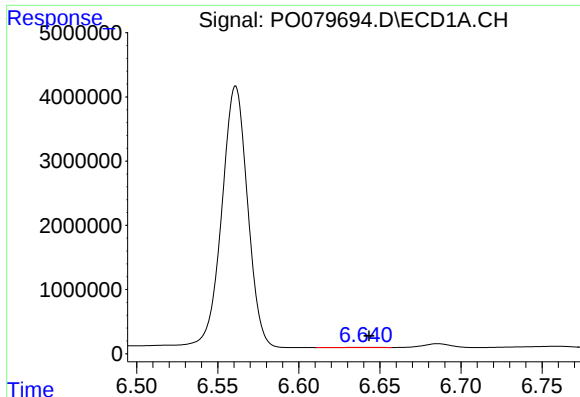
#21 AR-1248-1

R.T.: 6.329 min
Delta R.T.: -0.018 min
Response: 15657
Conc: 10.47 ng/ml



#21 AR-1248-1

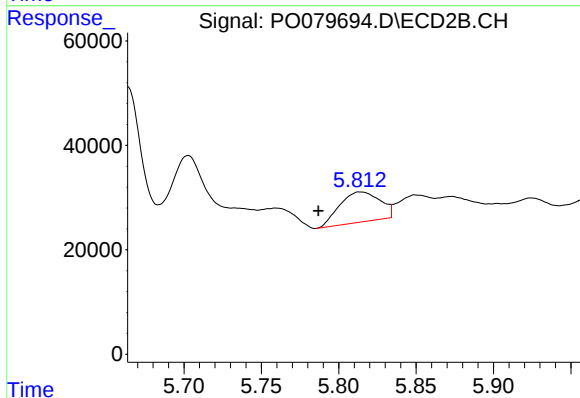
R.T.: 5.540 min
Delta R.T.: 0.021 min
Response: 368417
Conc: 611.57 ng/ml



#22 AR-1248-2

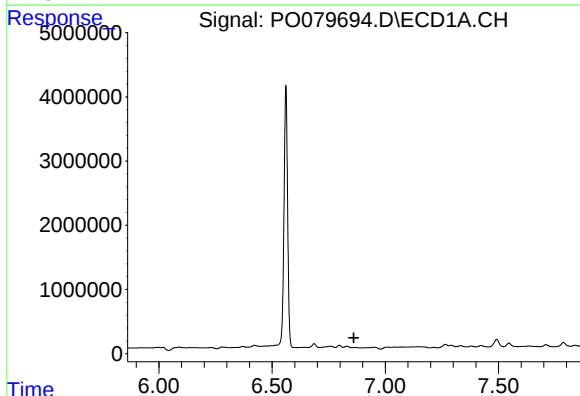
R.T.: 6.640 min
Delta R.T.: -0.003 min
Response: 58179
Conc: 28.81 ng/ml

Instrument :
ECD_O
ClientSampleId :



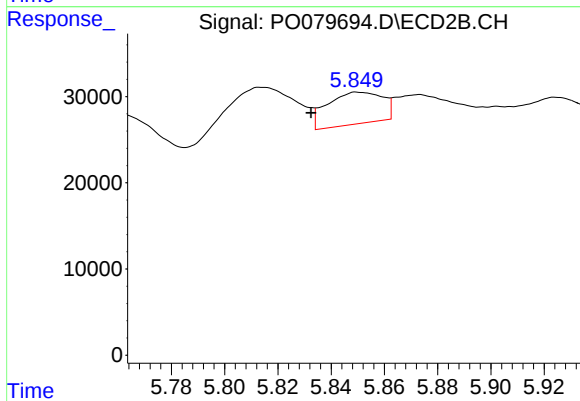
#22 AR-1248-2

R.T.: 5.814 min
Delta R.T.: 0.027 min
Response: 104467
Conc: 121.72 ng/ml



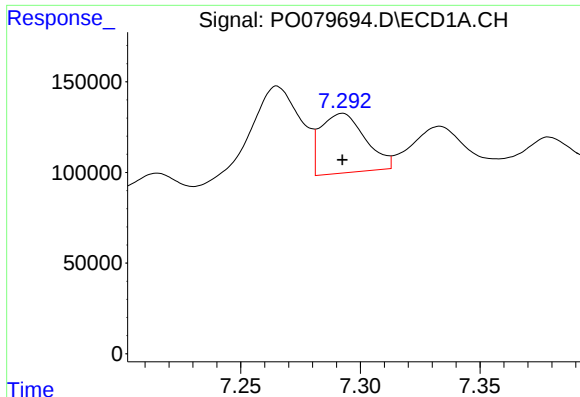
#23 AR-1248-3

R.T.: 6.865 min
Delta R.T.: 0.004 min
Response: -135821
Conc: N.D.



#23 AR-1248-3

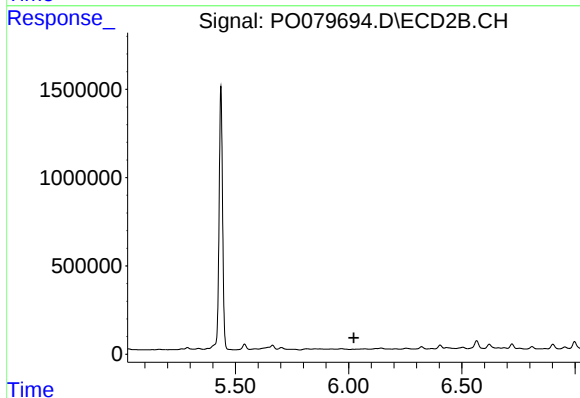
R.T.: 5.850 min
Delta R.T.: 0.017 min
Response: 53047
Conc: 59.34 ng/ml



#24 AR-1248-4

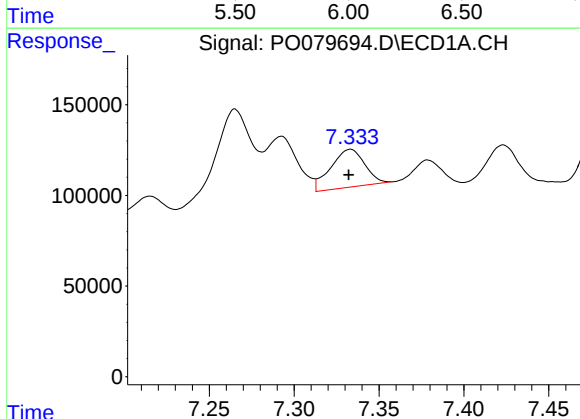
R.T.: 7.292 min
Delta R.T.: 0.000 min
Response: 426596
Conc: 164.45 ng/ml

Instrument :
ECD_O
ClientSampleId :



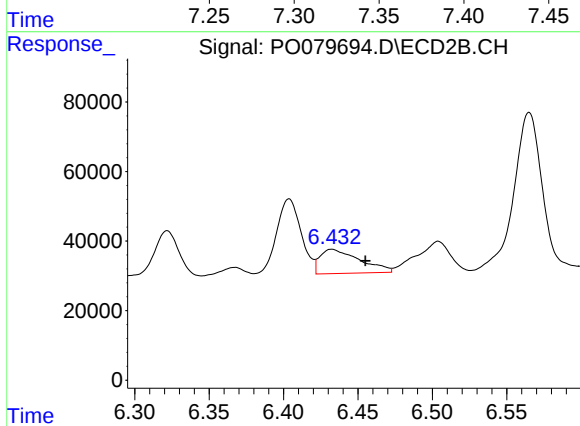
#24 AR-1248-4

R.T.: 6.019 min
Delta R.T.: -0.004 min
Response: -17524
Conc: N.D.



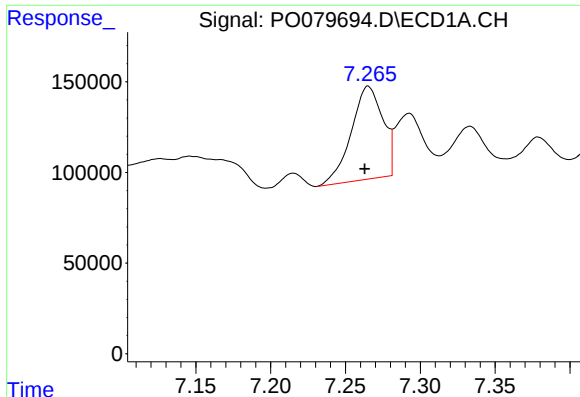
#25 AR-1248-5

R.T.: 7.333 min
Delta R.T.: 0.001 min
Response: 291749
Conc: 117.64 ng/ml



#25 AR-1248-5

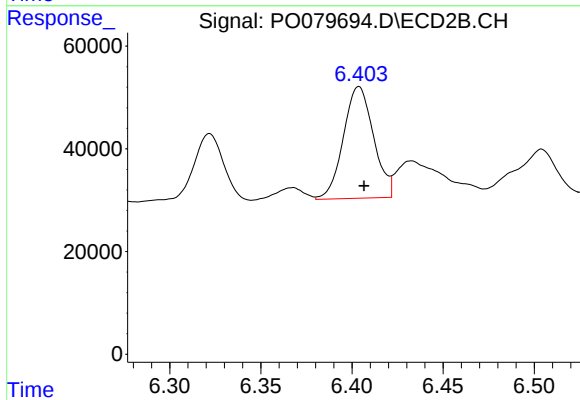
R.T.: 6.433 min
Delta R.T.: -0.022 min
Response: 129168
Conc: 130.56 ng/ml



#26 AR-1254-1

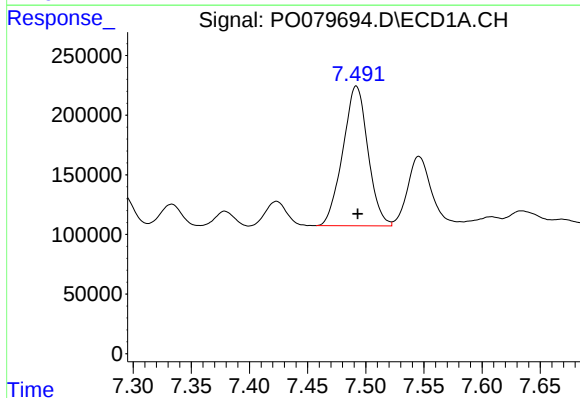
R.T.: 7.265 min
Delta R.T.: 0.002 min
Response: 752660
Conc: 300.37 ng/ml

Instrument :
ECD_O
ClientSampleId :



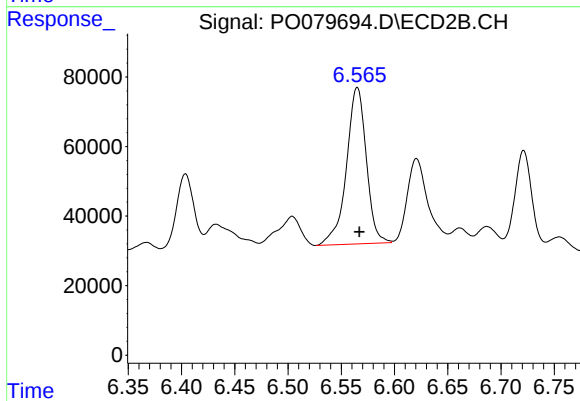
#26 AR-1254-1

R.T.: 6.404 min
Delta R.T.: -0.003 min
Response: 251362
Conc: 169.45 ng/ml



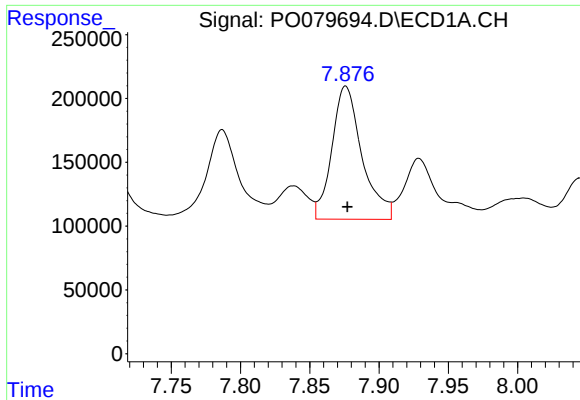
#27 AR-1254-2

R.T.: 7.492 min
Delta R.T.: -0.001 min
Response: 1762865
Conc: 450.95 ng/ml



#27 AR-1254-2

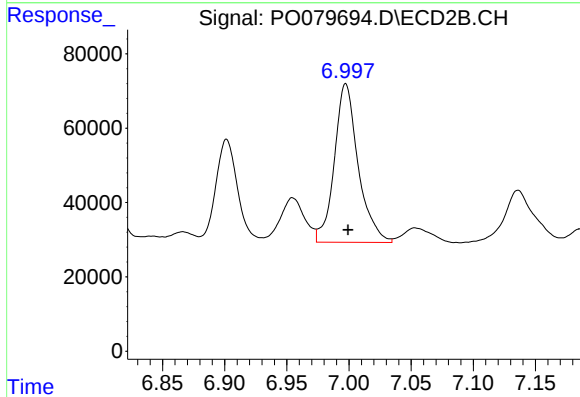
R.T.: 6.565 min
Delta R.T.: -0.002 min
Response: 585798
Conc: 447.16 ng/ml



#28 AR-1254-3

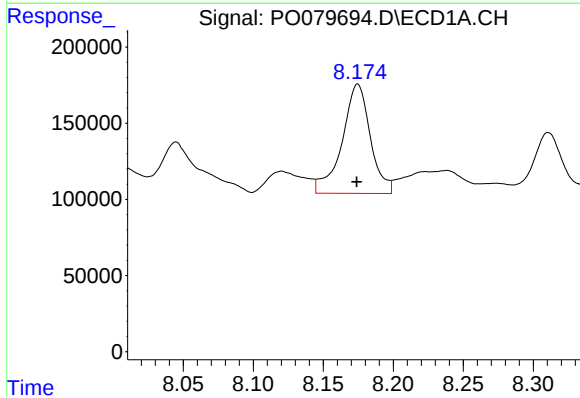
R.T.: 7.876 min
Delta R.T.: -0.001 min
Response: 1581982
Conc: 377.82 ng/ml

Instrument :
ECD_O
ClientSampleId :



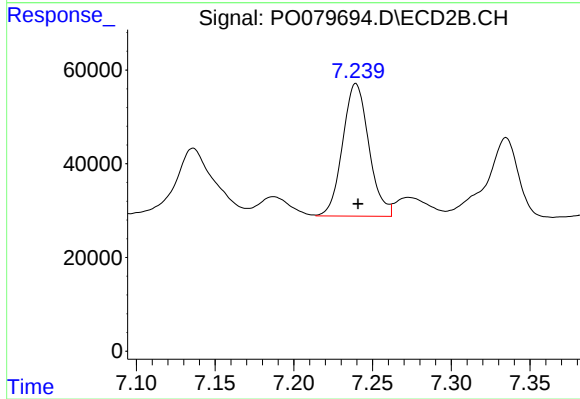
#28 AR-1254-3

R.T.: 6.997 min
Delta R.T.: -0.002 min
Response: 569762
Conc: 269.55 ng/ml



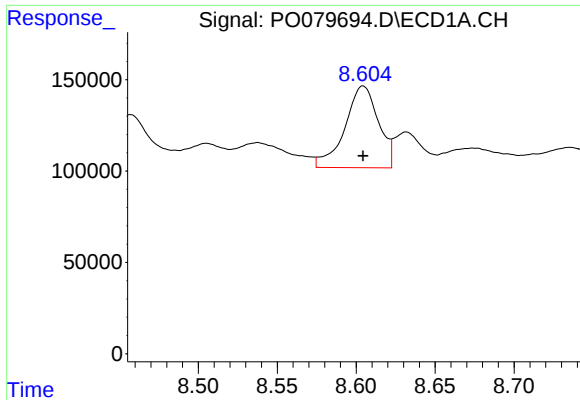
#29 AR-1254-4

R.T.: 8.175 min
Delta R.T.: 0.000 min
Response: 1012122
Conc: 340.99 ng/ml



#29 AR-1254-4

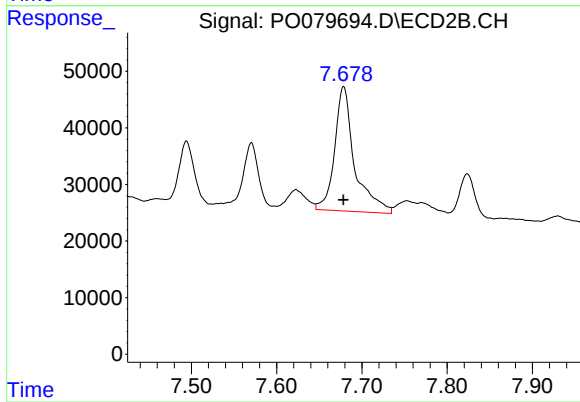
R.T.: 7.239 min
Delta R.T.: -0.001 min
Response: 328735
Conc: 243.61 ng/ml



#30 AR-1254-5

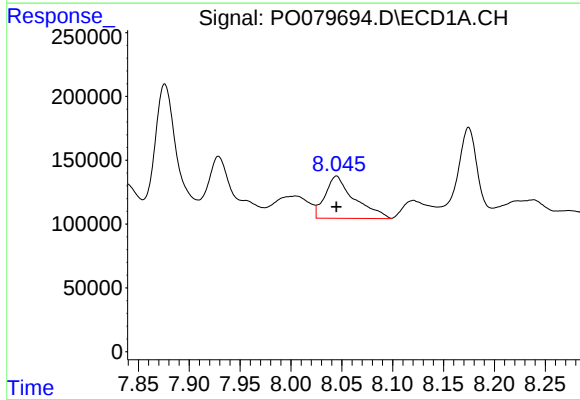
R.T.: 8.604 min
Delta R.T.: 0.000 min
Response: 662589
Conc: 212.72 ng/ml

Instrument :
ECD_O
ClientSampleId :



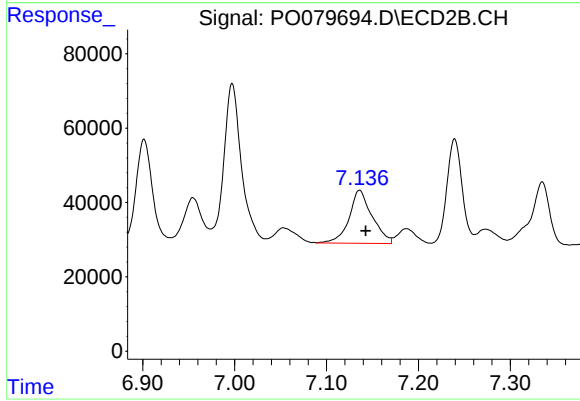
#30 AR-1254-5

R.T.: 7.679 min
Delta R.T.: 0.000 min
Response: 358594
Conc: 193.89 ng/ml



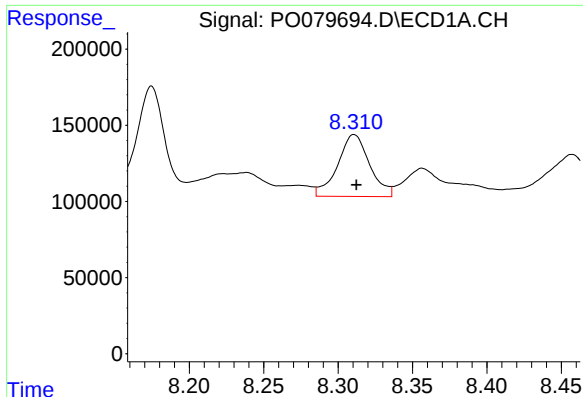
#31 AR-1260-1

R.T.: 8.045 min
Delta R.T.: 0.000 min
Response: 661950
Conc: 234.87 ng/ml



#31 AR-1260-1

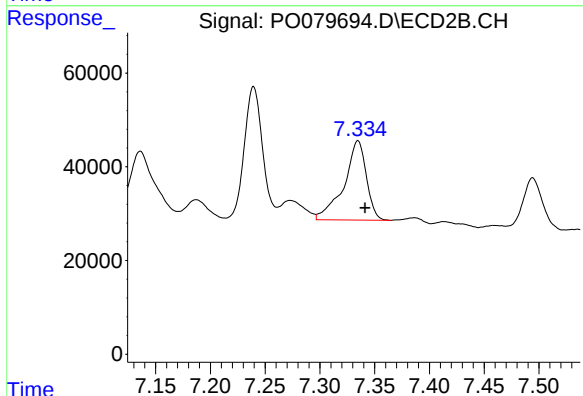
R.T.: 7.136 min
Delta R.T.: -0.007 min
Response: 247818
Conc: 178.43 ng/ml



#32 AR-1260-2

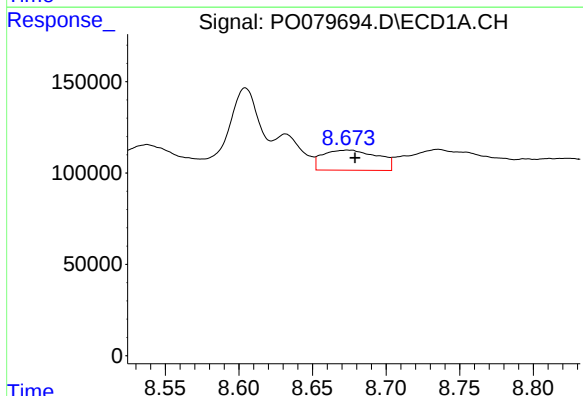
R.T.: 8.311 min
Delta R.T.: -0.001 min
Response: 608116
Conc: 178.65 ng/ml

Instrument :
ECD_O
ClientSampleId :



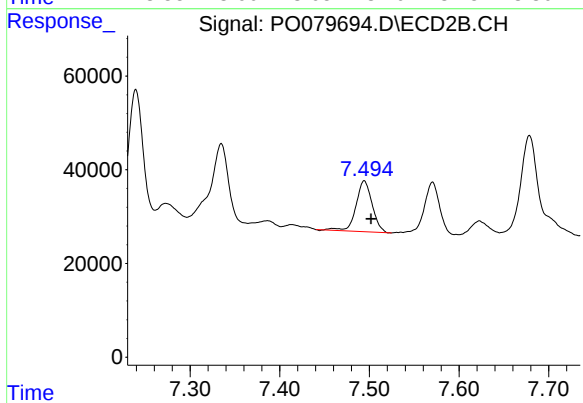
#32 AR-1260-2

R.T.: 7.335 min
Delta R.T.: -0.006 min
Response: 241694
Conc: 146.25 ng/ml



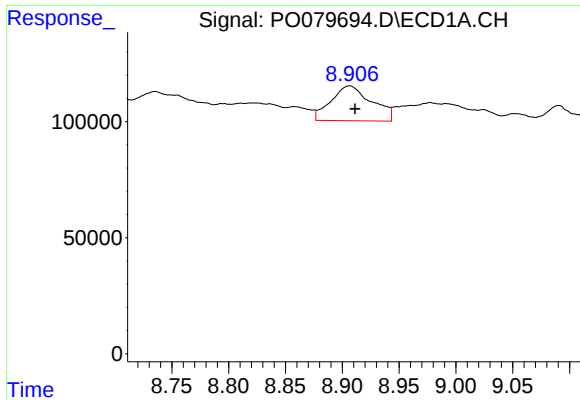
#33 AR-1260-3

R.T.: 8.674 min
Delta R.T.: -0.005 min
Response: 286466
Conc: 113.53 ng/ml



#33 AR-1260-3

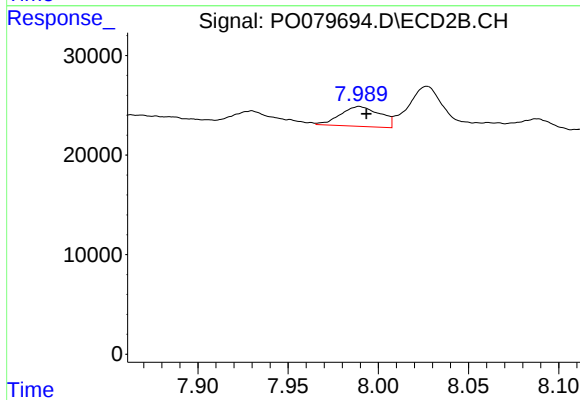
R.T.: 7.494 min
Delta R.T.: -0.008 min
Response: 136058
Conc: 86.15 ng/ml



#34 AR-1260-4

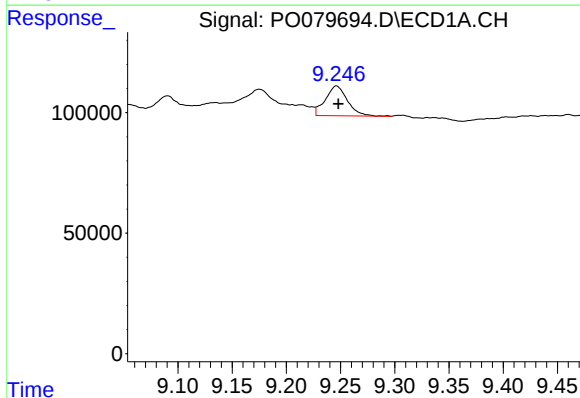
R.T.: 8.906 min
Delta R.T.: -0.005 min
Response: 376167
Conc: 127.74 ng/ml

Instrument :
ECD_O
ClientSampleId :



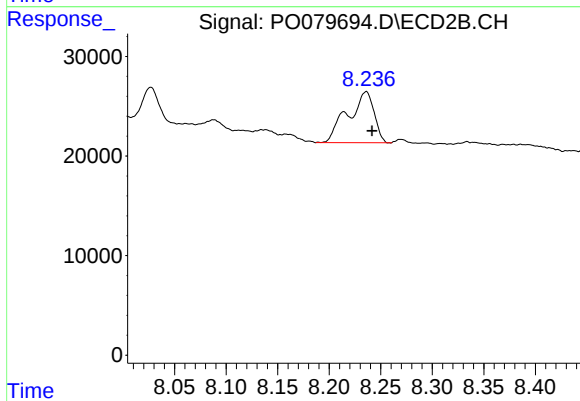
#34 AR-1260-4

R.T.: 7.990 min
Delta R.T.: -0.004 min
Response: 30493
Conc: 23.88 ng/ml



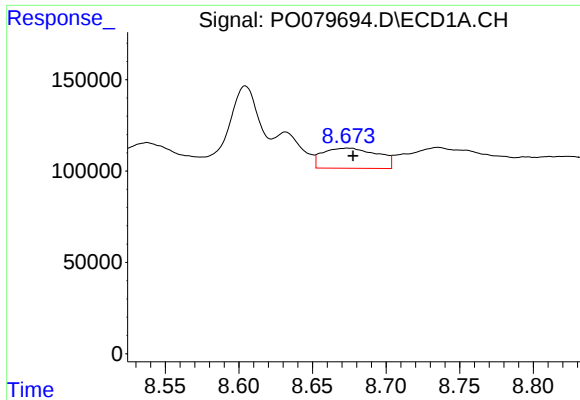
#35 AR-1260-5

R.T.: 9.246 min
Delta R.T.: -0.002 min
Response: 174112
Conc: 30.16 ng/ml



#35 AR-1260-5

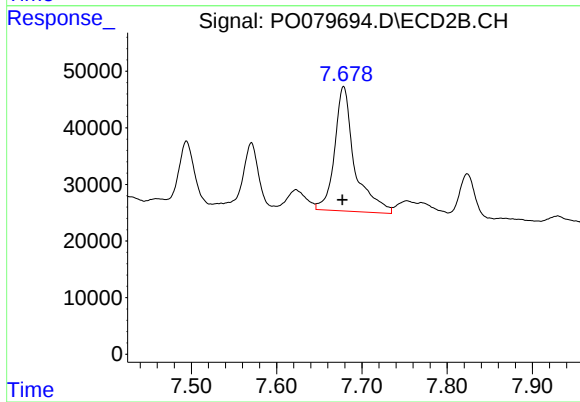
R.T.: 8.236 min
Delta R.T.: -0.006 min
Response: 90932
Conc: 30.93 ng/ml



#36 AR-1262-1

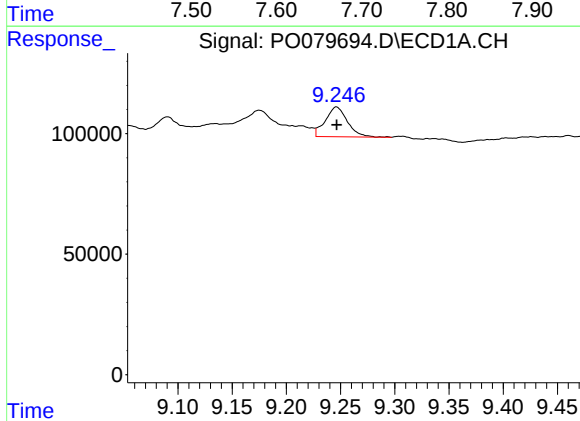
R.T.: 8.674 min
Delta R.T.: -0.003 min
Response: 286466
Conc: 82.93 ng/ml

Instrument :
ECD_O
ClientSampleId :



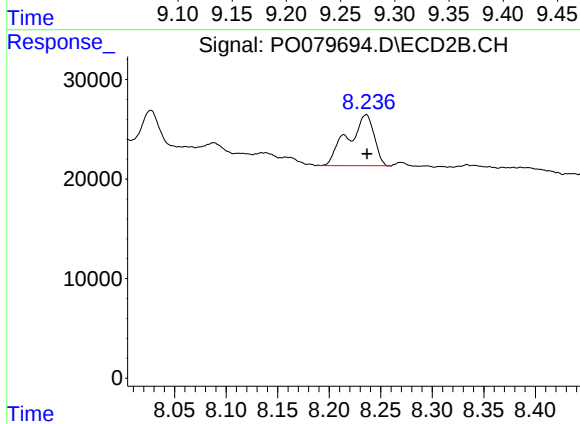
#36 AR-1262-1

R.T.: 7.679 min
Delta R.T.: 0.001 min
Response: 358594
Conc: 353.58 ng/ml



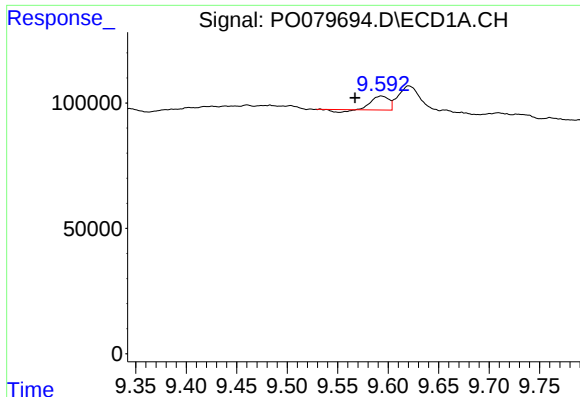
#37 AR-1262-2

R.T.: 9.246 min
Delta R.T.: 0.000 min
Response: 174112
Conc: 27.13 ng/ml



#37 AR-1262-2

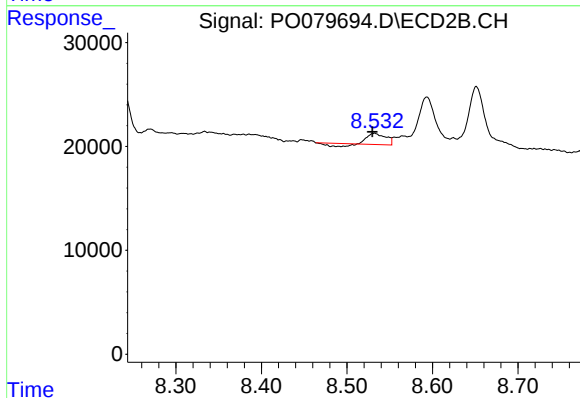
R.T.: 8.236 min
Delta R.T.: -0.001 min
Response: 90932
Conc: 28.25 ng/ml



#38 AR-1262-3

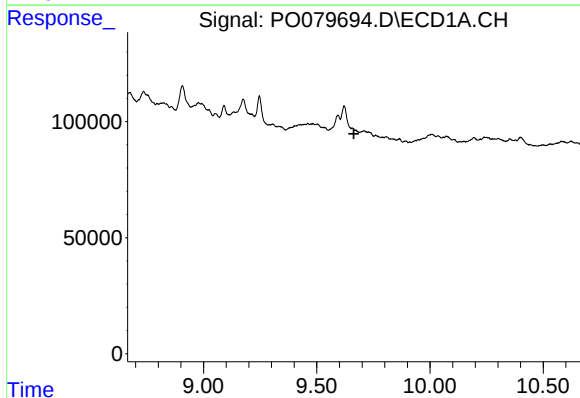
R.T.: 9.593 min
Delta R.T.: 0.026 min
Response: 58767
Conc: 13.16 ng/ml

Instrument :
ECD_O
ClientSampleId :



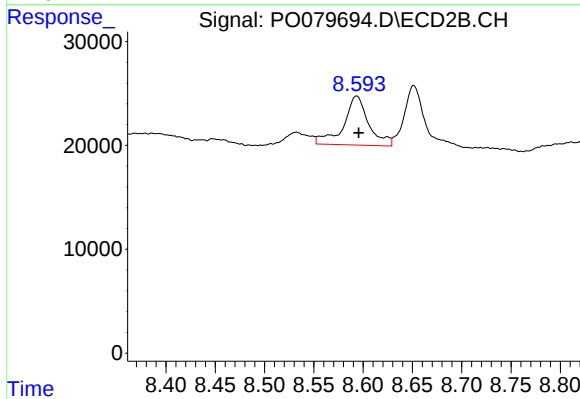
#38 AR-1262-3

R.T.: 8.532 min
Delta R.T.: 0.002 min
Response: 12781
Conc: 9.84 ng/ml



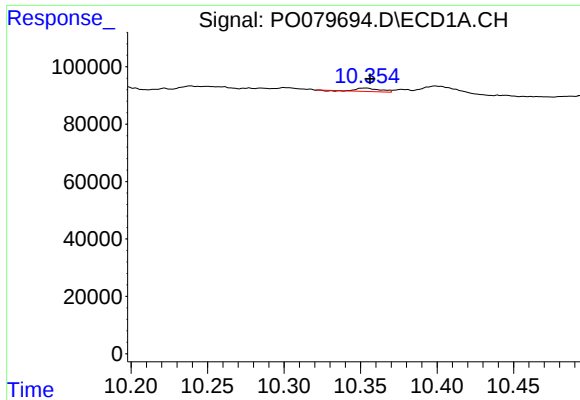
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T. : 9.664 min
Response: 0
Conc: N.D.



#39 AR-1262-4

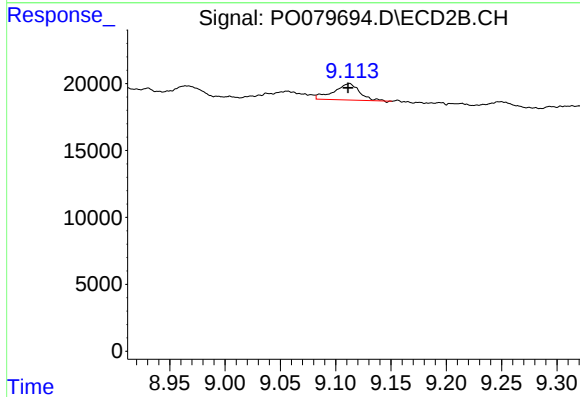
R.T.: 8.593 min
Delta R.T.: -0.002 min
Response: 83745
Conc: 35.07 ng/ml



#40 AR-1262-5

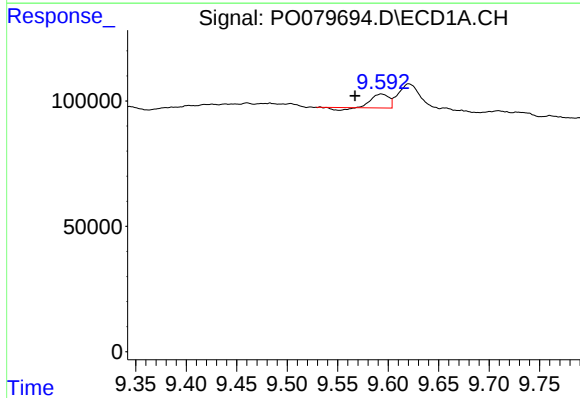
R.T.: 10.353 min
Delta R.T.: -0.003 min
Response: 13127
Conc: 5.92 ng/ml

Instrument :
ECD_O
ClientSampleId :



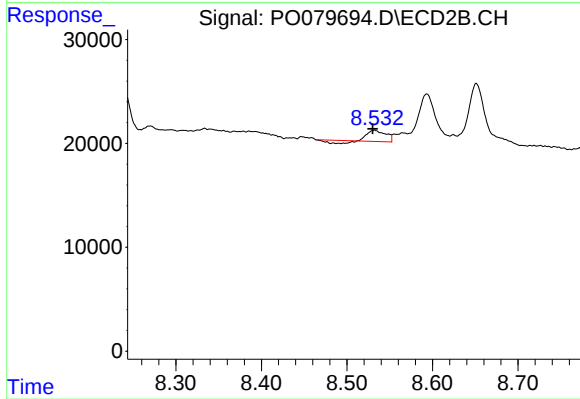
#40 AR-1262-5

R.T.: 9.112 min
Delta R.T.: 0.000 min
Response: 19266
Conc: 17.10 ng/ml



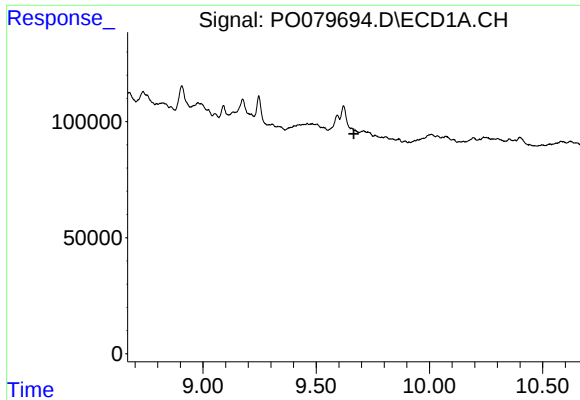
#41 AR-1268-1

R.T.: 9.593 min
Delta R.T.: 0.026 min
Response: 58767
Conc: 7.65 ng/ml



#41 AR-1268-1

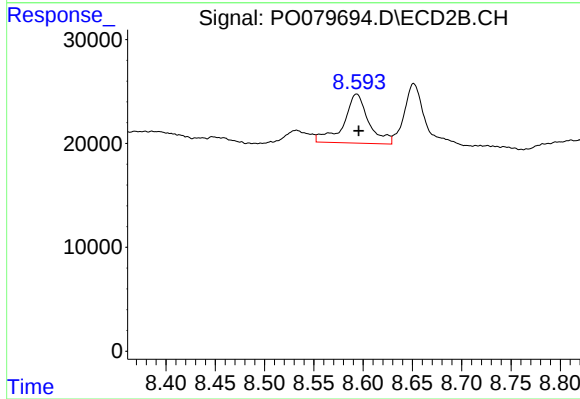
R.T.: 8.532 min
Delta R.T.: 0.002 min
Response: 12781
Conc: 3.47 ng/ml



#42 AR-1268-2

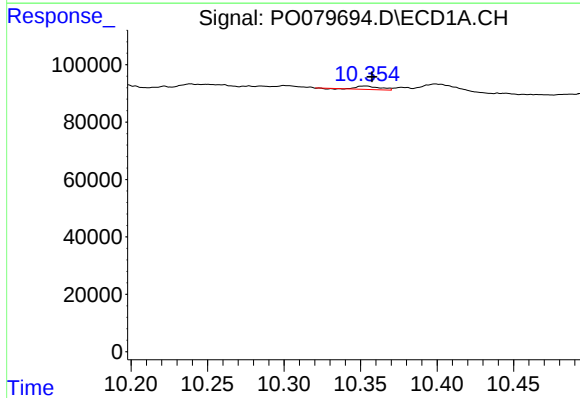
R.T.: 0.000 min
Exp R.T.: 9.667 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



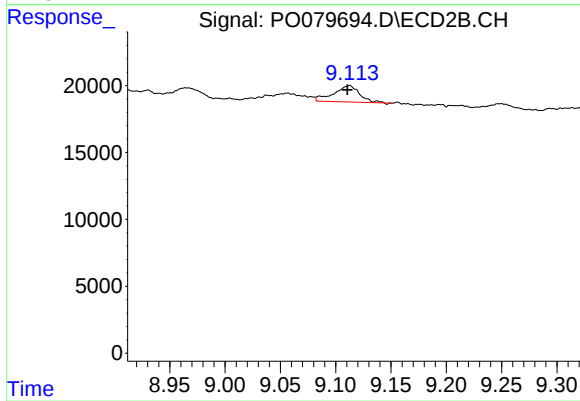
#42 AR-1268-2

R.T.: 8.593 min
Delta R.T.: -0.002 min
Response: 83745
Conc: 25.49 ng/ml



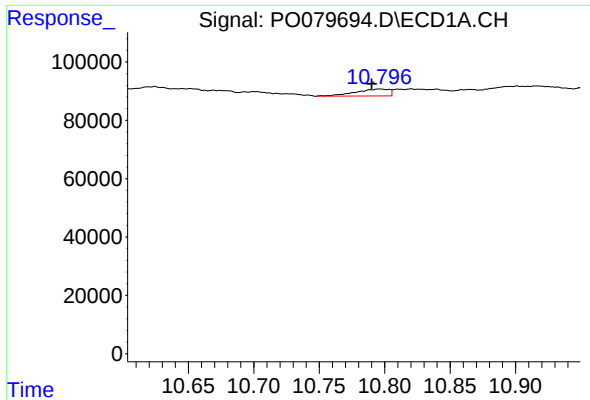
#44 AR-1268-4

R.T.: 10.353 min
Delta R.T.: -0.004 min
Response: 13127
Conc: 4.81 ng/ml



#44 AR-1268-4

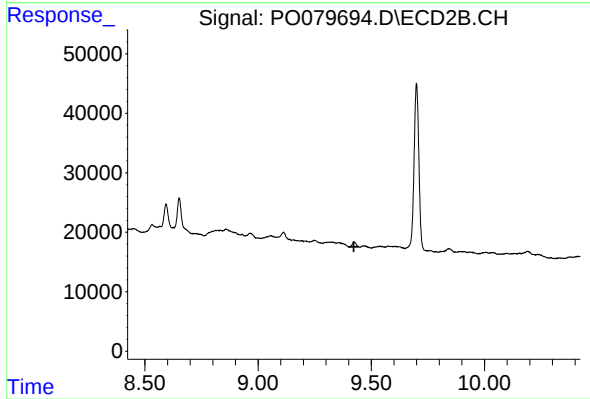
R.T.: 9.112 min
Delta R.T.: 0.001 min
Response: 19266
Conc: 15.14 ng/ml



#45 AR-1268-5

R.T.: 10.796 min
Delta R.T.: 0.006 min
Response: 43173
Conc: 2.16 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 9.423 min
Response: 0
Conc: N.D.