

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0011421\
 Data File : P0074689.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 14 Jan 2021 18:55
 Operator : AJ/MA
 Sample : M1097-02
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 15 04:42:21 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0011121.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jan 12 06:02:45 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...	4.931	4.004	1722602	940663	16.325	16.722
2)	SA Decachlor...	10.951	9.256	1054080	609930	10.386	11.109
Target Compounds							
3)	L1 AR-1016-1	6.268	5.272f	71634	82178	17.521	35.928 #
4)	L1 AR-1016-2	6.268	5.272	71634	82178	12.579	26.007 #
5)	L1 AR-1016-3	0.000	5.472	0	44629	N.D.	26.000 #
6)	L1 AR-1016-4	0.000	5.510	0	23394	N.D.	16.646 #
7)	L1 AR-1016-5	6.763	0.000	68654	0	25.102	N.D. #
8)	L2 AR-1221-1	5.186	4.250	188712	23031	153.637	32.414 #
12)	L3 AR-1232-2	0.000	5.272	0	82178	N.D.	60.860 #
13)	L3 AR-1232-3	6.268	5.472	71634	44629	29.688	60.836 #
14)	L3 AR-1232-4	0.000	5.569	0	24888	N.D.	39.134 #
15)	L3 AR-1232-5	6.549	0.000	44825	0	55.091	N.D. #
16)	L4 AR-1242-1	6.268	5.272f	71634	82178	22.246	44.585 #
17)	L4 AR-1242-2	6.268	5.272	71634	82178	15.873	32.645 #
18)	L4 AR-1242-3	0.000	5.472	0	44629	N.D.	32.865 #
19)	L4 AR-1242-4	0.000	5.569	0	24888	N.D.	19.042 #
20)	L4 AR-1242-5	0.000	6.113	0	219828	N.D.	125.556 #
21)	L5 AR-1248-1	6.268	5.272f	71634	82178	29.755	59.752 #
22)	L5 AR-1248-2	6.549	5.510	44825	23394	14.413	12.448
23)	L5 AR-1248-3	6.763	5.569	68654	24888	18.958	13.185 #
24)	L5 AR-1248-4	7.201	0.000	3250622	0	728.923	N.D. #
25)	L5 AR-1248-5	0.000	6.188f	0	65918	N.D.	28.038 #
26)	L6 AR-1254-1	7.168	6.113	155523	219828	35.361	60.860 #
27)	L6 AR-1254-2	7.399	6.272	550414	235050	80.815	75.420
28)	L6 AR-1254-3	7.782	6.688	980999	753813	139.856	153.716
29)	L6 AR-1254-4	8.076	6.926	560812	270528	92.472	78.012
30)	L6 AR-1254-5	8.533f	7.352	12834301	7210875	2209.406	1593.232 #
31)	L7 AR-1260-1	7.947	6.825	747701	841438	149.878	263.750 #
32)	L7 AR-1260-2	8.213	7.020	2471765	812885	363.382	191.220 #
33)	L7 AR-1260-3	8.579	7.172	819970	471455	143.058	130.834
34)	L7 AR-1260-4	8.807	7.652	1253897	431129	229.177	137.683 #
35)	L7 AR-1260-5	9.138	7.898	1554808	1129251	124.435	142.068
36)	L8 AR-1262-1	8.579	7.352	819970	7210875	92.088	2833.819 #
37)	L8 AR-1262-2	9.138	7.898	1554808	1129251	101.553	122.820
38)	L8 AR-1262-3	9.448	8.183	397964	268348	39.734	67.862 #
39)	L8 AR-1262-4	9.541	8.245	341788	774624	45.894	116.921 #
40)	L8 AR-1262-5	10.207	8.740	430134	267437	82.219	86.621
41)	L9 AR-1268-1	9.448	8.183	397964	268348	21.300	23.971
42)	L9 AR-1268-2	9.541	8.245	341788	774624	21.422	80.967 #
43)	L9 AR-1268-3	9.768	8.453	89584	18187	6.308	2.189 #
44)	L9 AR-1268-4	10.207	8.740	430134	267437	73.420	77.090

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 Response via : Initial Calibration
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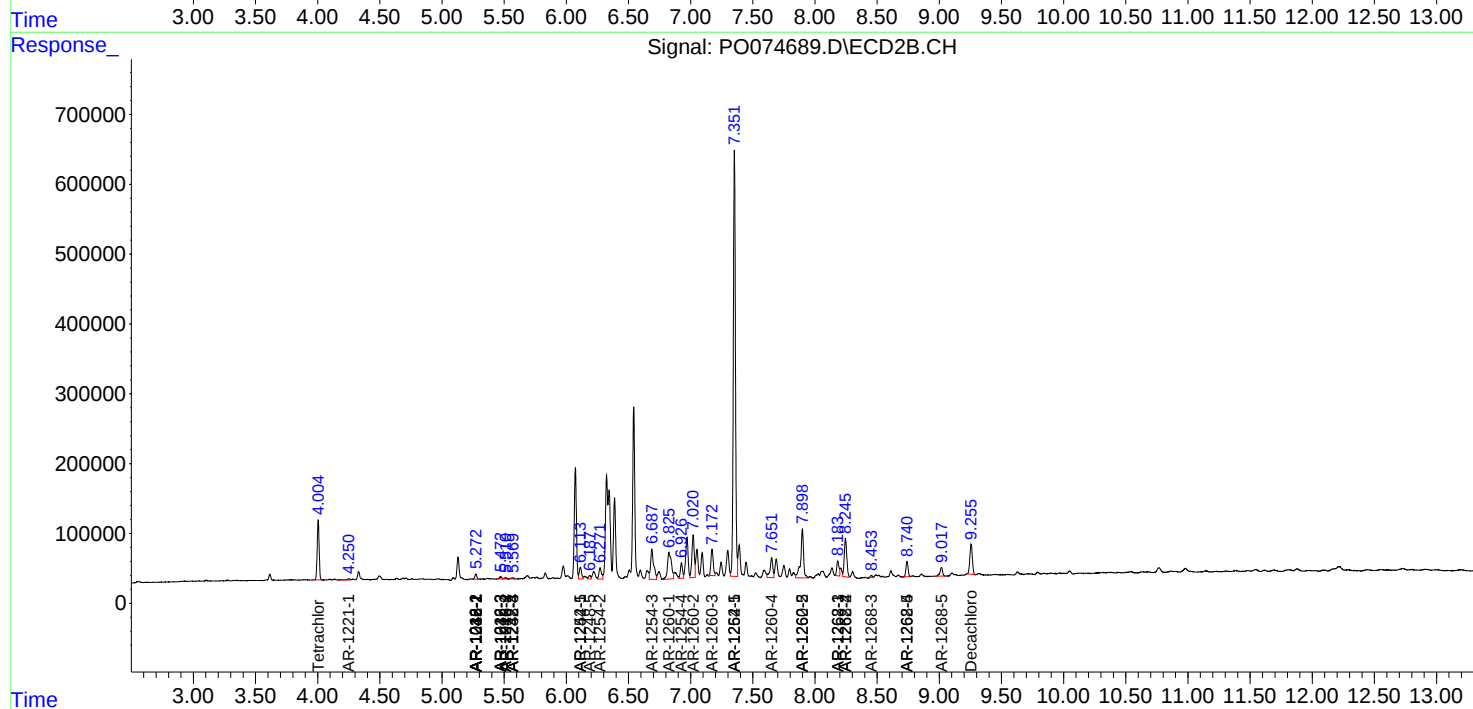
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

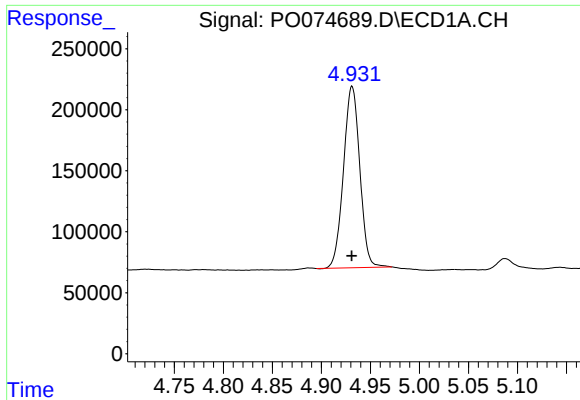
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
45) L9	AR-1268-5	10.616	9.017	267416	182528	6.399	7.708

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

Instrument :
ECD_O
ClientSampleId :

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

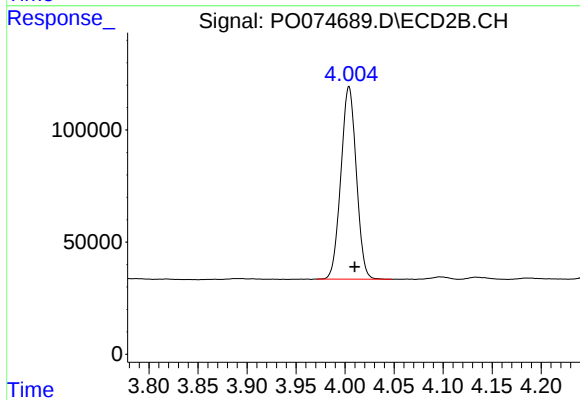




#1 Tetrachloro-m-xylene

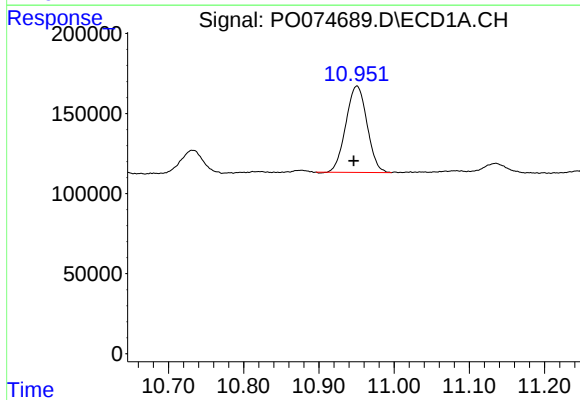
R.T.: 4.931 min
Delta R.T.: 0.000 min
Response: 1722602
Conc: 16.33 ng/ml

Instrument :
ECD_O
ClientSampleId :



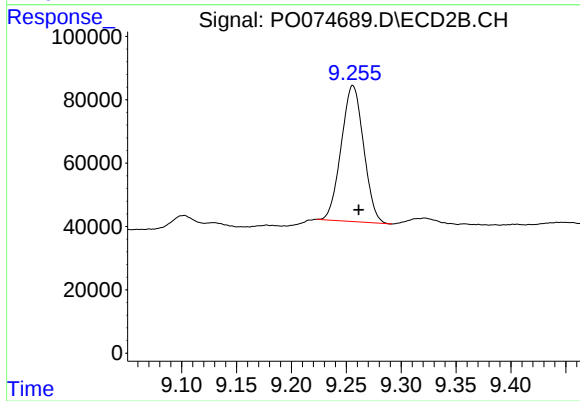
#1 Tetrachloro-m-xylene

R.T.: 4.004 min
Delta R.T.: -0.006 min
Response: 940663
Conc: 16.72 ng/ml



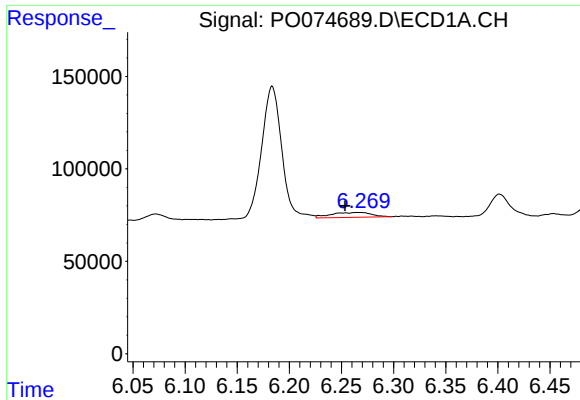
#2 Decachlorobiphenyl

R.T.: 10.951 min
Delta R.T.: 0.004 min
Response: 1054080
Conc: 10.39 ng/ml



#2 Decachlorobiphenyl

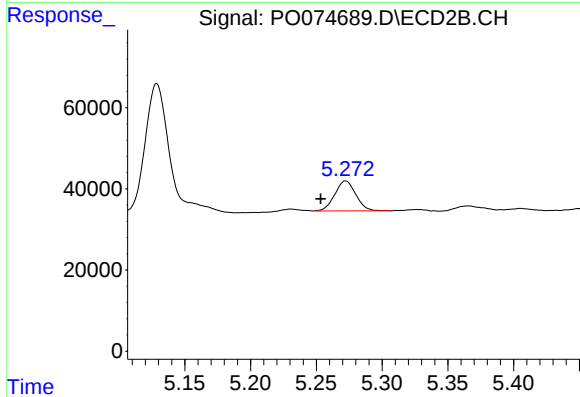
R.T.: 9.256 min
Delta R.T.: -0.005 min
Response: 609930
Conc: 11.11 ng/ml



#3 AR-1016-1

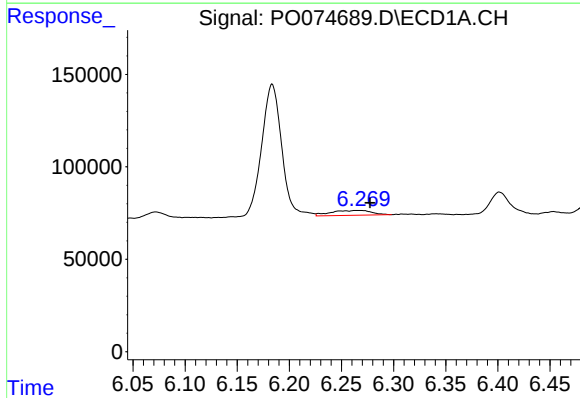
R.T.: 6.268 min
Delta R.T.: 0.014 min
Response: 71634
Conc: 17.52 ng/ml

Instrument :
ECD_O
ClientSampleId :



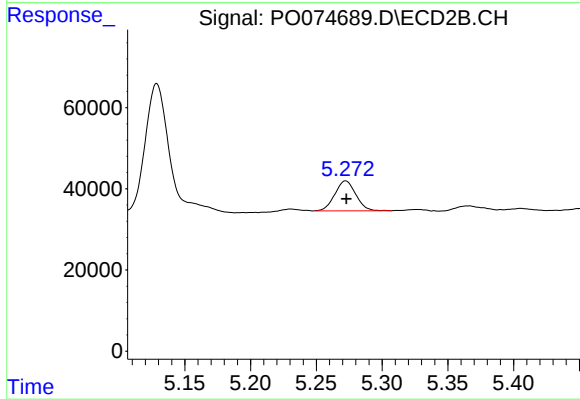
#3 AR-1016-1

R.T.: 5.272 min
Delta R.T.: 0.019 min
Response: 82178
Conc: 35.93 ng/ml



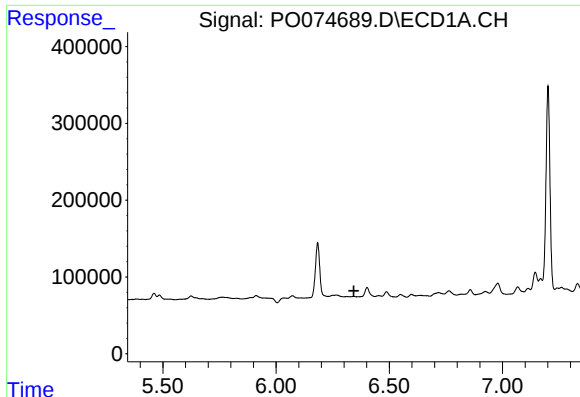
#4 AR-1016-2

R.T.: 6.268 min
Delta R.T.: -0.009 min
Response: 71634
Conc: 12.58 ng/ml



#4 AR-1016-2

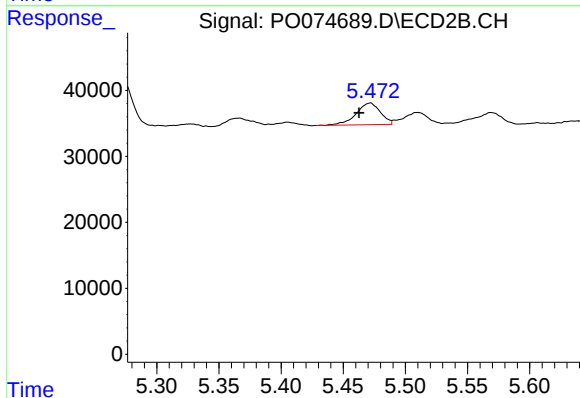
R.T.: 5.272 min
Delta R.T.: 0.000 min
Response: 82178
Conc: 26.01 ng/ml



#5 AR-1016-3

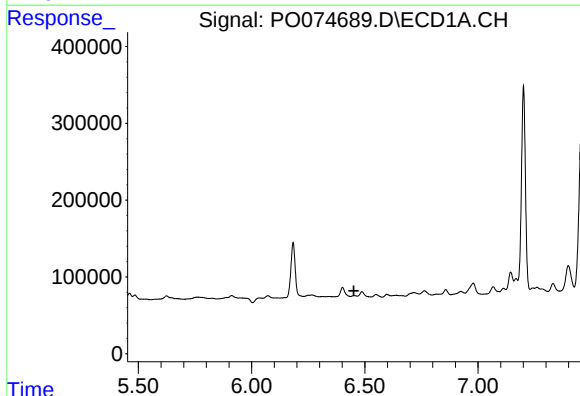
R.T.: 0.000 min
Exp R.T.: 6.344 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



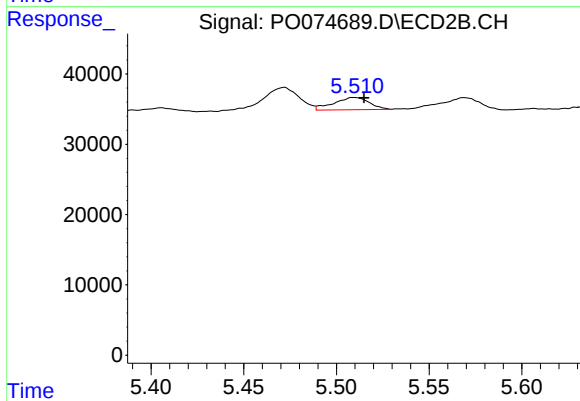
#5 AR-1016-3

R.T.: 5.472 min
Delta R.T.: 0.009 min
Response: 44629
Conc: 26.00 ng/ml



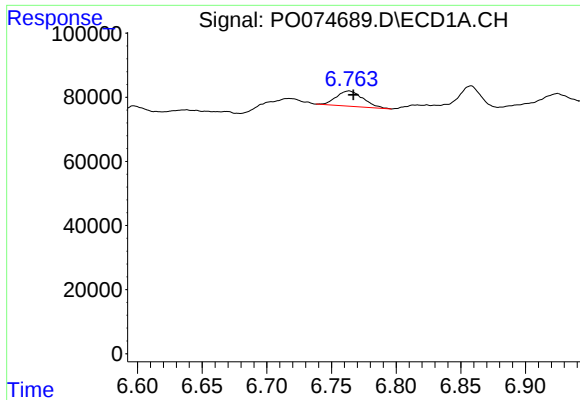
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T.: 6.452 min
Response: 0
Conc: N.D.



#6 AR-1016-4

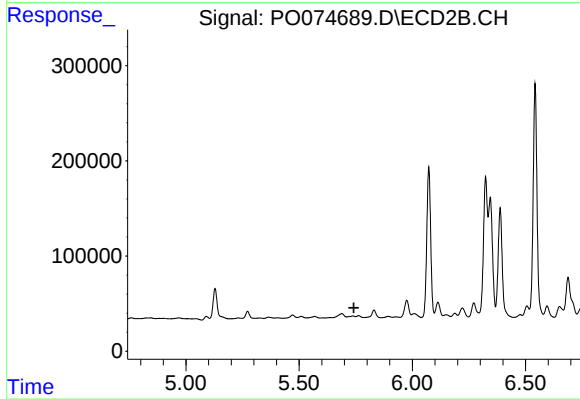
R.T.: 5.510 min
Delta R.T.: -0.005 min
Response: 23394
Conc: 16.65 ng/ml



#7 AR-1016-5

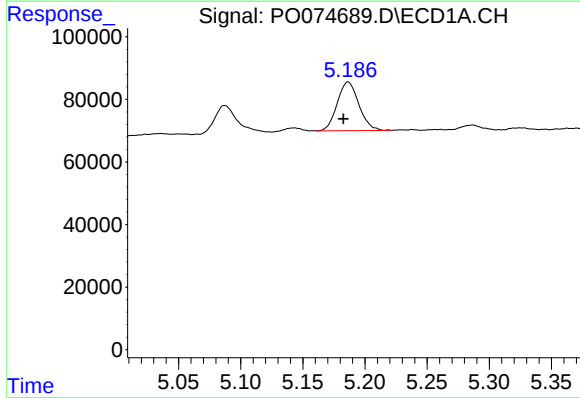
R.T.: 6.763 min
Delta R.T.: -0.004 min
Response: 68654
Conc: 25.10 ng/ml

Instrument :
ECD_O
ClientSampleId :



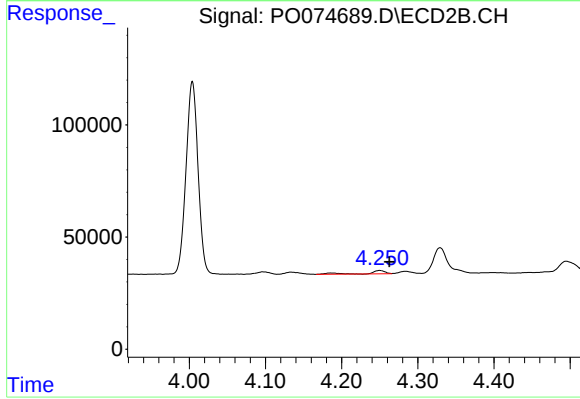
#7 AR-1016-5

R.T.: 0.000 min
Exp R.T. : 5.742 min
Response: 0
Conc: N.D.



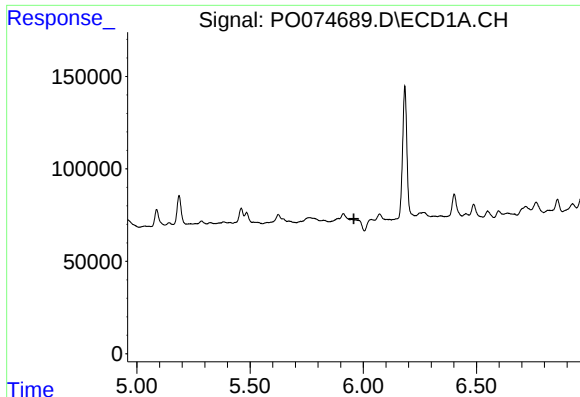
#8 AR-1221-1

R.T.: 5.186 min
Delta R.T.: 0.004 min
Response: 188712
Conc: 153.64 ng/ml



#8 AR-1221-1

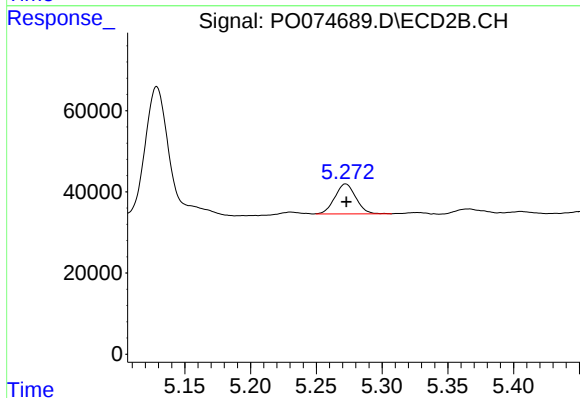
R.T.: 4.250 min
Delta R.T.: -0.013 min
Response: 23031
Conc: 32.41 ng/ml



#12 AR-1232-2

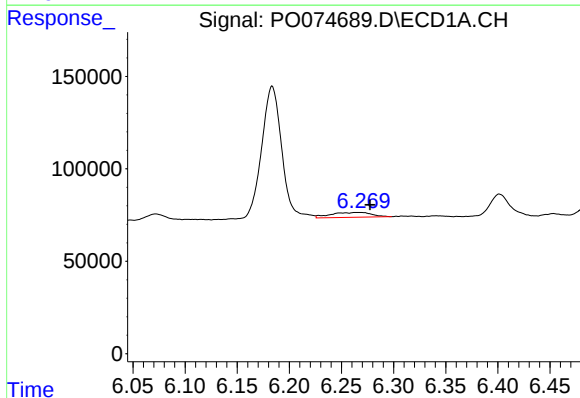
R.T.: 0.000 min
Exp R.T.: 5.958 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



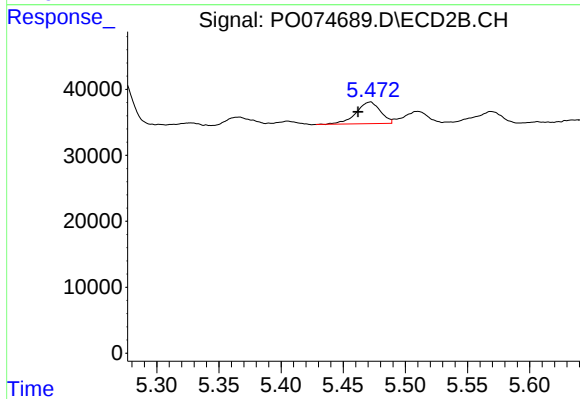
#12 AR-1232-2

R.T.: 5.272 min
Delta R.T.: 0.000 min
Response: 82178
Conc: 60.86 ng/ml



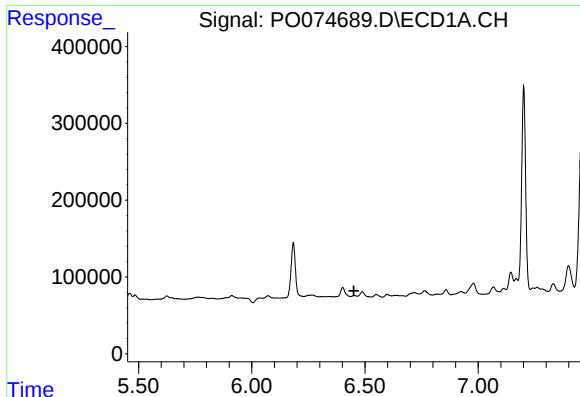
#13 AR-1232-3

R.T.: 6.268 min
Delta R.T.: -0.009 min
Response: 71634
Conc: 29.69 ng/ml



#13 AR-1232-3

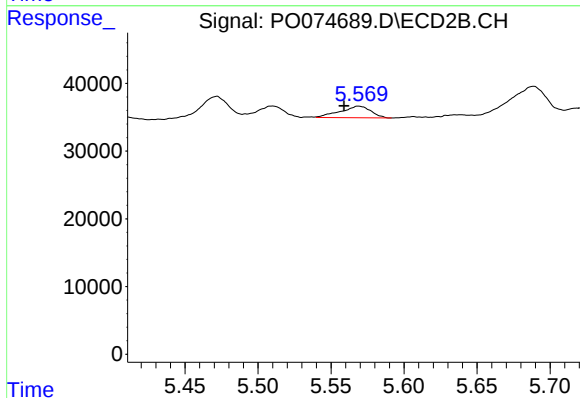
R.T.: 5.472 min
Delta R.T.: 0.009 min
Response: 44629
Conc: 60.84 ng/ml



#14 AR-1232-4

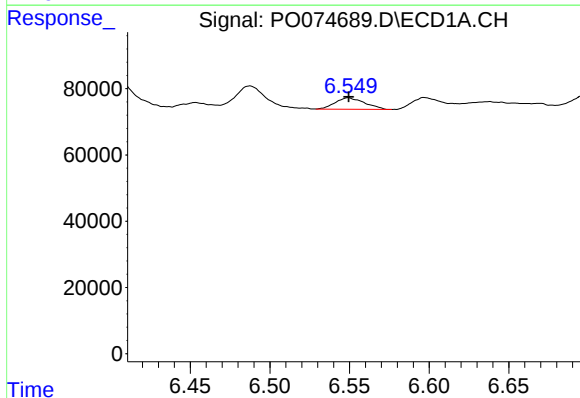
R.T.: 0.000 min
Exp R.T.: 6.451 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



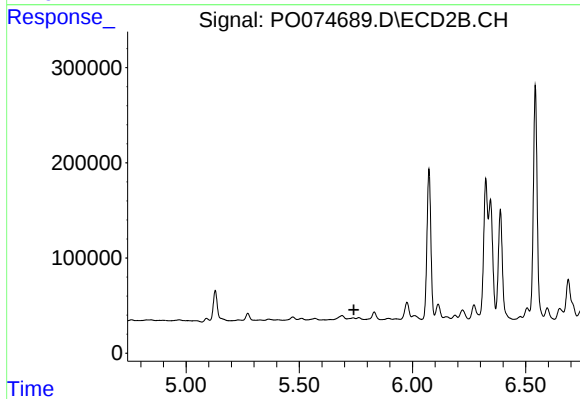
#14 AR-1232-4

R.T.: 5.569 min
Delta R.T.: 0.010 min
Response: 24888
Conc: 39.13 ng/ml



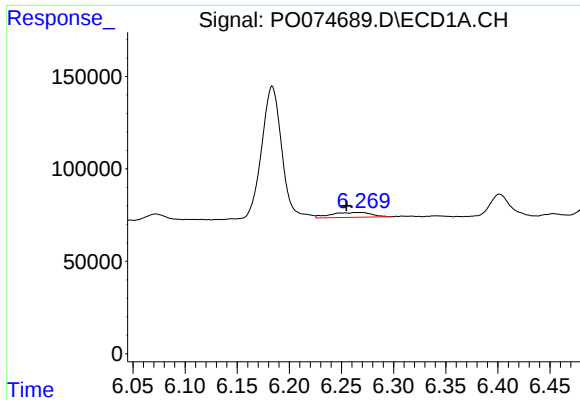
#15 AR-1232-5

R.T.: 6.549 min
Delta R.T.: 0.000 min
Response: 44825
Conc: 55.09 ng/ml



#15 AR-1232-5

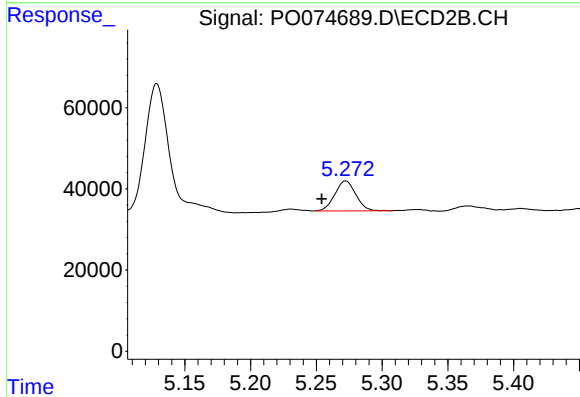
R.T.: 0.000 min
Exp R.T.: 5.741 min
Response: 0
Conc: N.D.



#16 AR-1242-1

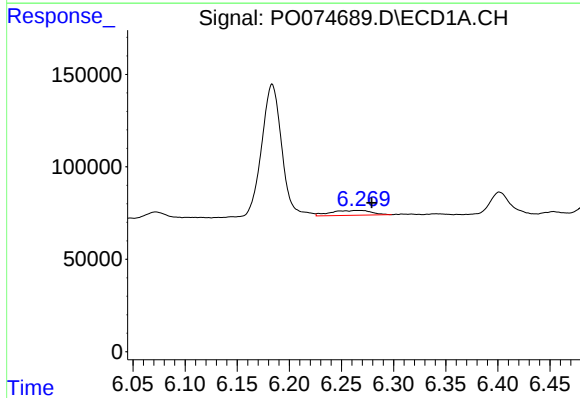
R.T.: 6.268 min
Delta R.T.: 0.013 min
Response: 71634
Conc: 22.25 ng/ml

Instrument :
ECD_O
ClientSampleId :



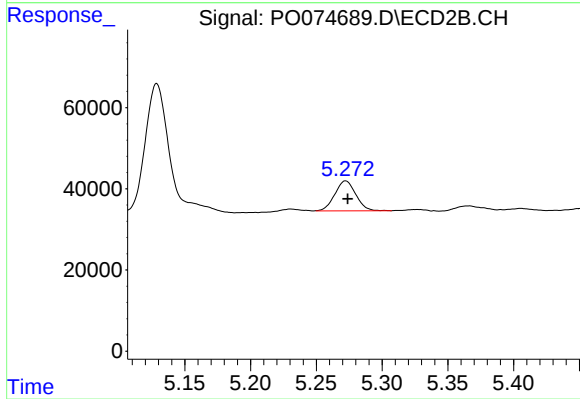
#16 AR-1242-1

R.T.: 5.272 min
Delta R.T.: 0.018 min
Response: 82178
Conc: 44.59 ng/ml



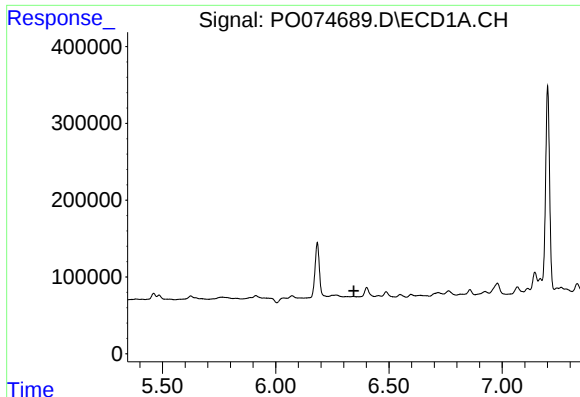
#17 AR-1242-2

R.T.: 6.268 min
Delta R.T.: -0.011 min
Response: 71634
Conc: 15.87 ng/ml



#17 AR-1242-2

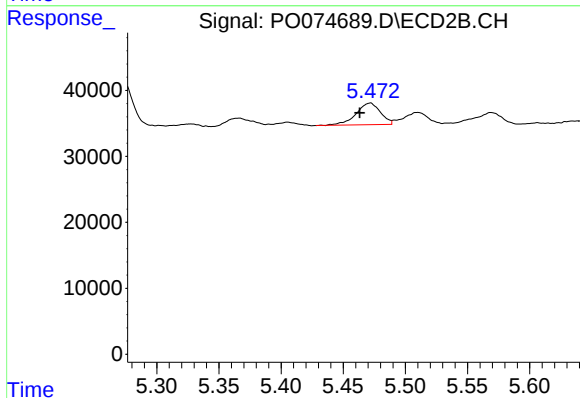
R.T.: 5.272 min
Delta R.T.: -0.001 min
Response: 82178
Conc: 32.65 ng/ml



#18 AR-1242-3

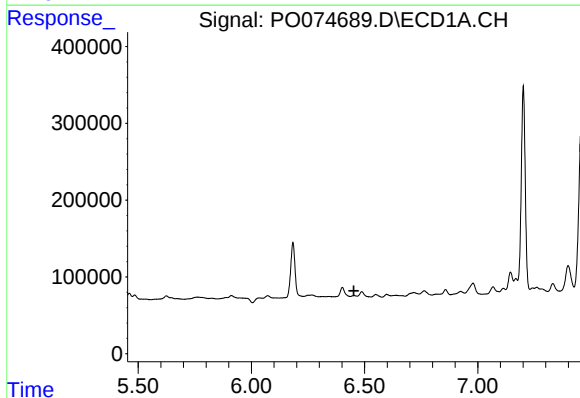
R.T.: 0.000 min
Exp R.T.: 6.345 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



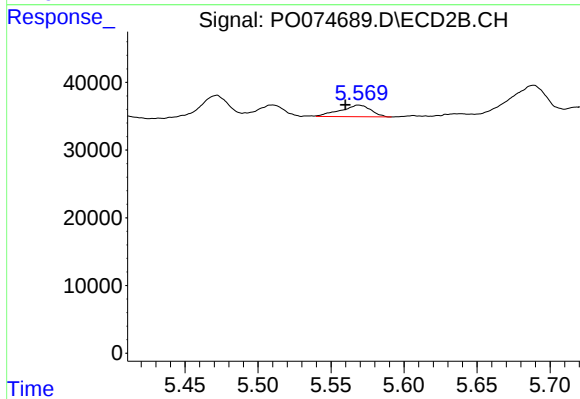
#18 AR-1242-3

R.T.: 5.472 min
Delta R.T.: 0.008 min
Response: 44629
Conc: 32.87 ng/ml



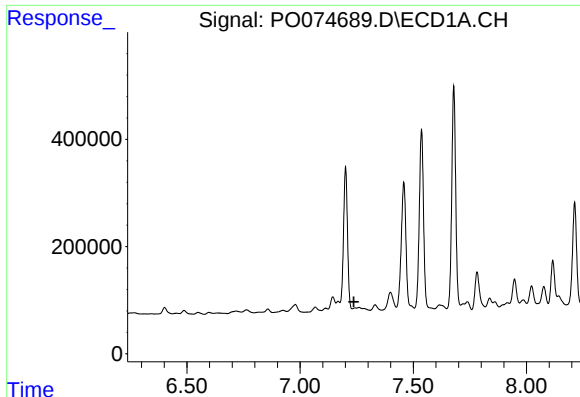
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T.: 6.453 min
Response: 0
Conc: N.D.



#19 AR-1242-4

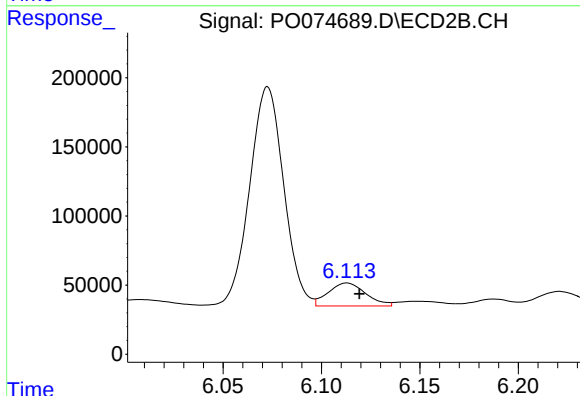
R.T.: 5.569 min
Delta R.T.: 0.009 min
Response: 24888
Conc: 19.04 ng/ml



#20 AR-1242-5

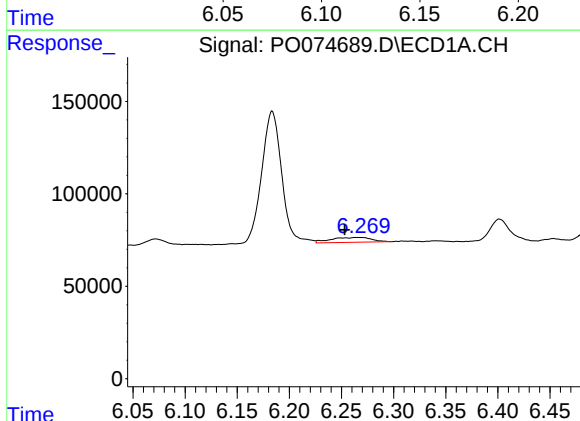
R.T.: 0.000 min
Exp R.T.: 7.238 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



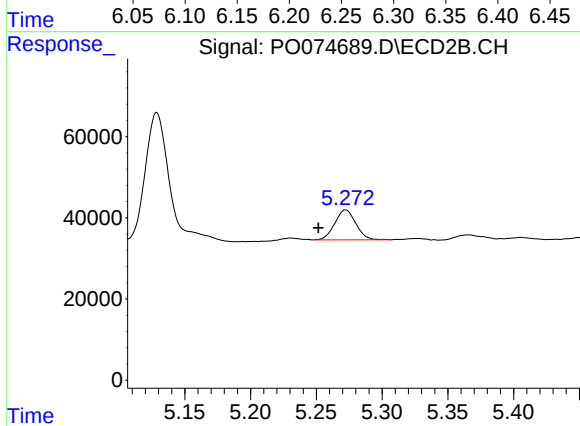
#20 AR-1242-5

R.T.: 6.113 min
Delta R.T.: -0.006 min
Response: 219828
Conc: 125.56 ng/ml



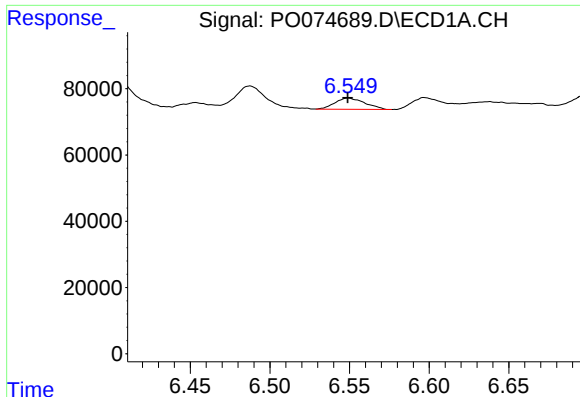
#21 AR-1248-1

R.T.: 6.268 min
Delta R.T.: 0.015 min
Response: 71634
Conc: 29.76 ng/ml



#21 AR-1248-1

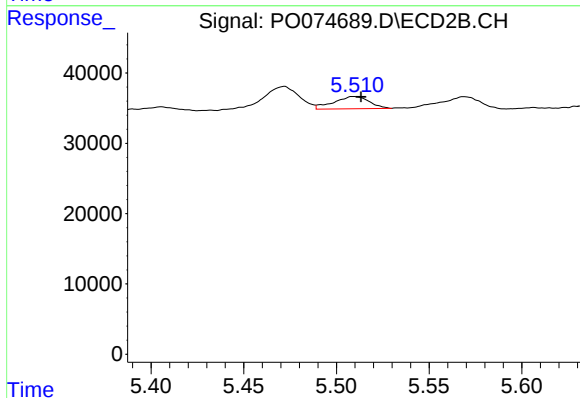
R.T.: 5.272 min
Delta R.T.: 0.021 min
Response: 82178
Conc: 59.75 ng/ml



#22 AR-1248-2

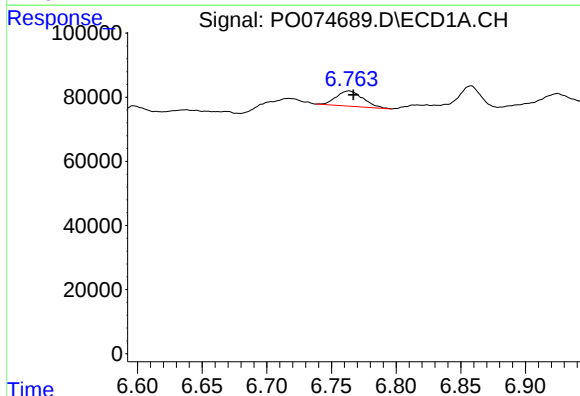
R.T.: 6.549 min
Delta R.T.: 0.000 min
Response: 44825
Conc: 14.41 ng/ml

Instrument :
ECD_O
ClientSampleId :



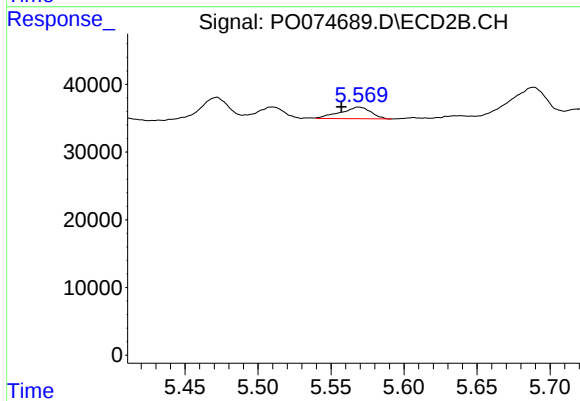
#22 AR-1248-2

R.T.: 5.510 min
Delta R.T.: -0.004 min
Response: 23394
Conc: 12.45 ng/ml



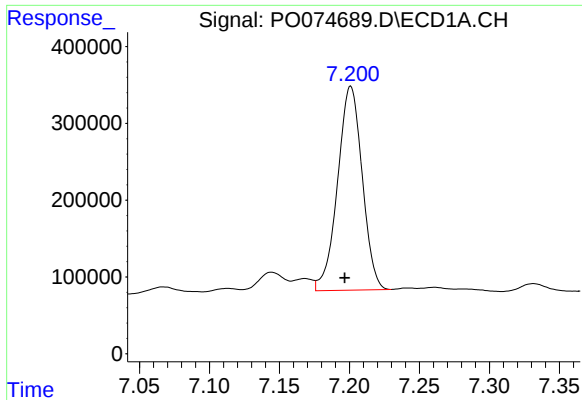
#23 AR-1248-3

R.T.: 6.763 min
Delta R.T.: -0.004 min
Response: 68654
Conc: 18.96 ng/ml



#23 AR-1248-3

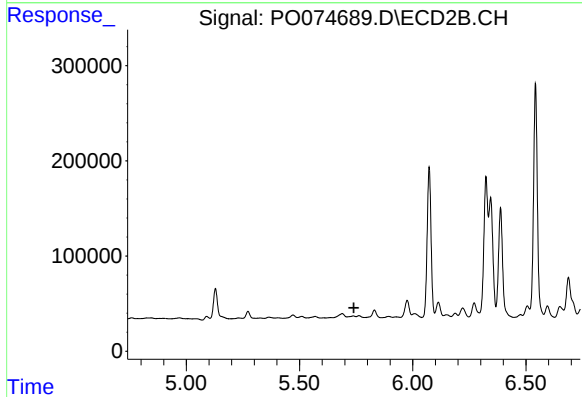
R.T.: 5.569 min
Delta R.T.: 0.012 min
Response: 24888
Conc: 13.18 ng/ml



#24 AR-1248-4

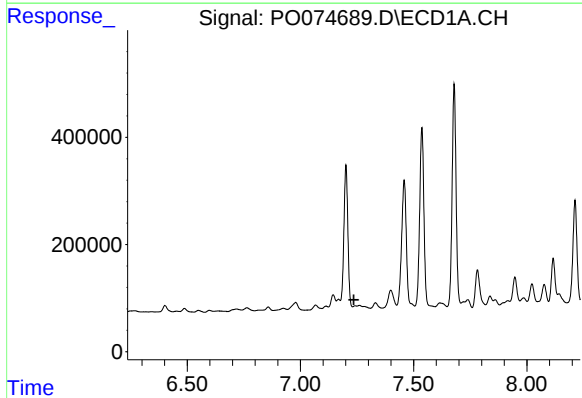
R.T.: 7.201 min
Delta R.T.: 0.004 min
Response: 3250622
Conc: 728.92 ng/ml

Instrument :
ECD_O
ClientSampleId :



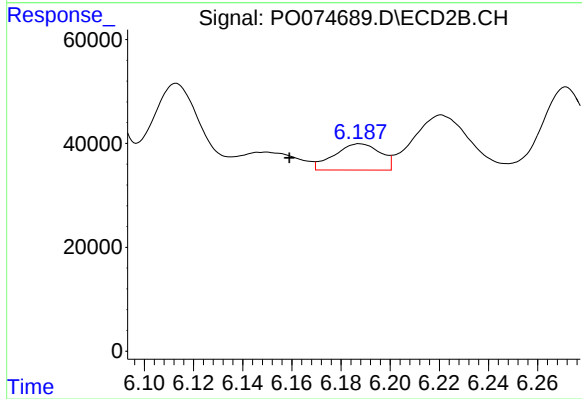
#24 AR-1248-4

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



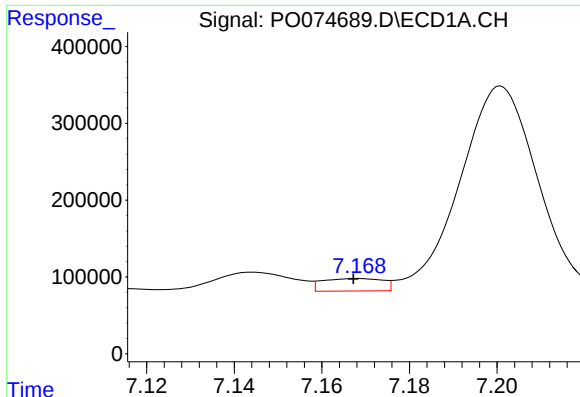
#25 AR-1248-5

R.T.: 0.000 min
Exp R.T. : 7.236 min
Response: 0
Conc: N.D.



#25 AR-1248-5

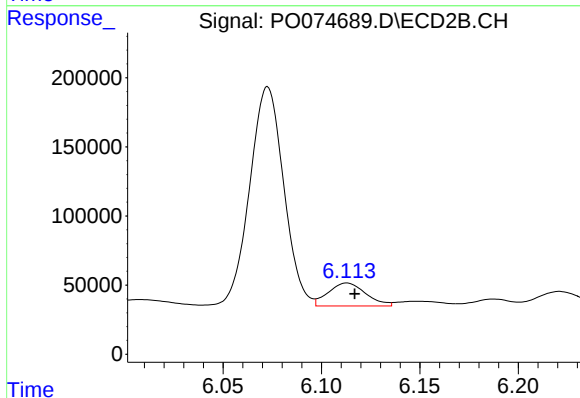
R.T.: 6.188 min
Delta R.T.: 0.029 min
Response: 65918
Conc: 28.04 ng/ml



#26 AR-1254-1

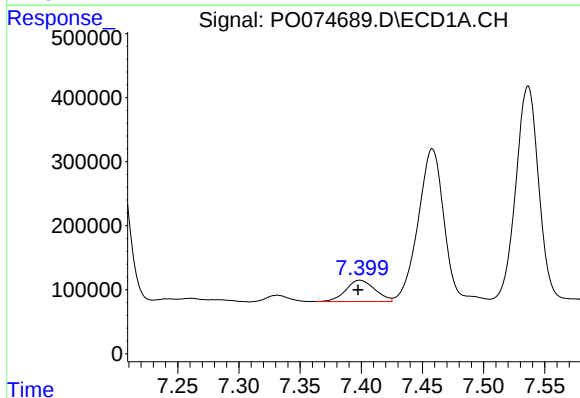
R.T.: 7.168 min
Delta R.T.: 0.001 min
Response: 155523
Conc: 35.36 ng/ml

Instrument :
ECD_O
ClientSampleId :



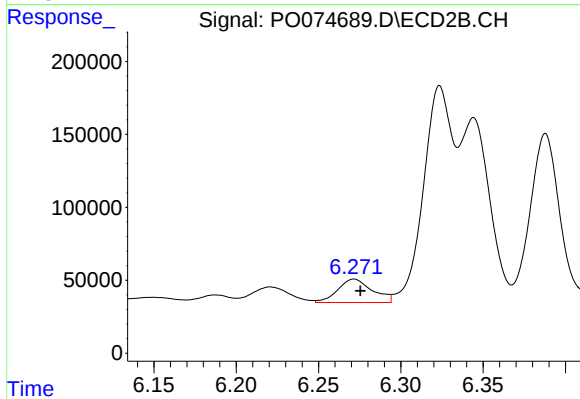
#26 AR-1254-1

R.T.: 6.113 min
Delta R.T.: -0.004 min
Response: 219828
Conc: 60.86 ng/ml



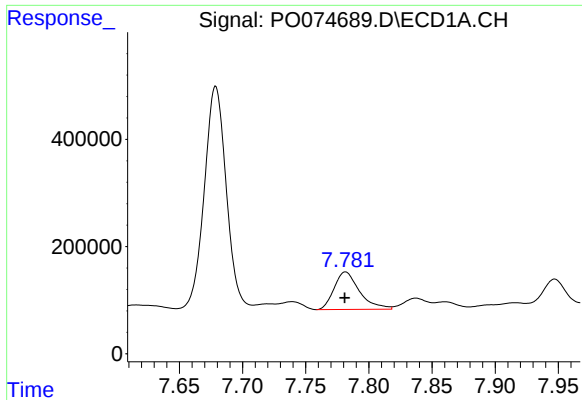
#27 AR-1254-2

R.T.: 7.399 min
Delta R.T.: 0.001 min
Response: 550414
Conc: 80.82 ng/ml



#27 AR-1254-2

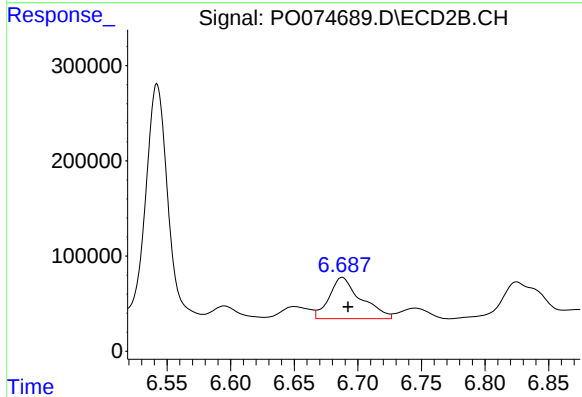
R.T.: 6.272 min
Delta R.T.: -0.004 min
Response: 235050
Conc: 75.42 ng/ml



#28 AR-1254-3

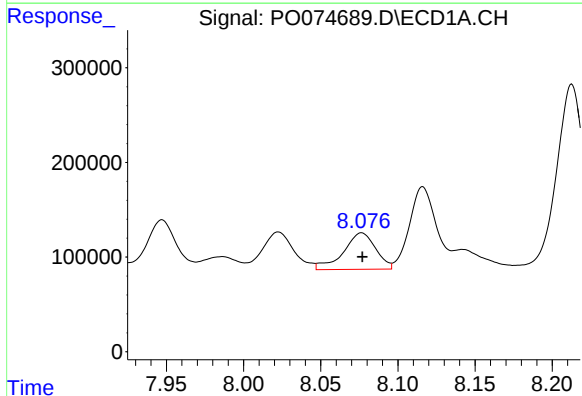
R.T.: 7.782 min
Delta R.T.: 0.000 min
Response: 980999
Conc: 139.86 ng/ml

Instrument :
ECD_O
ClientSampleId :



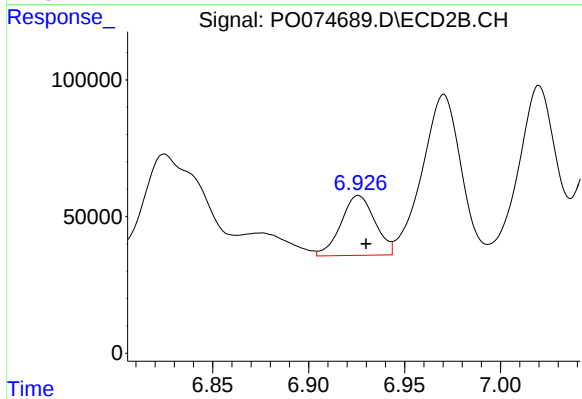
#28 AR-1254-3

R.T.: 6.688 min
Delta R.T.: -0.004 min
Response: 753813
Conc: 153.72 ng/ml



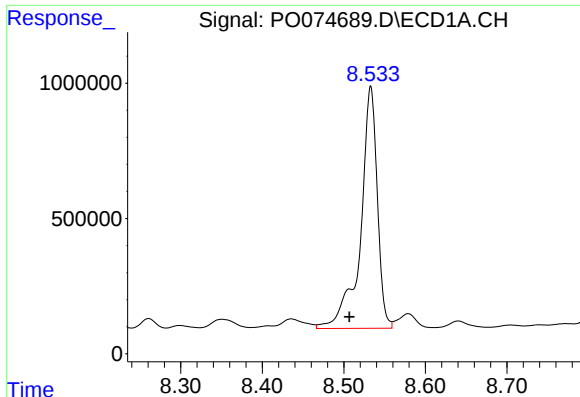
#29 AR-1254-4

R.T.: 8.076 min
Delta R.T.: 0.000 min
Response: 560812
Conc: 92.47 ng/ml



#29 AR-1254-4

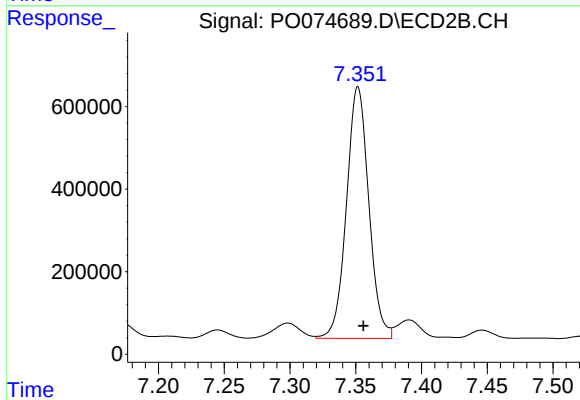
R.T.: 6.926 min
Delta R.T.: -0.004 min
Response: 270528
Conc: 78.01 ng/ml



#30 AR-1254-5

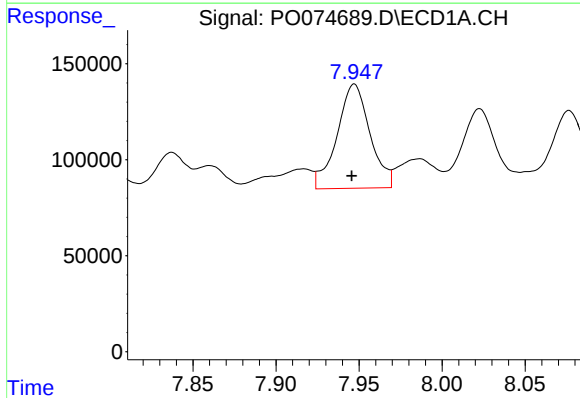
R.T.: 8.533 min
Delta R.T.: 0.026 min
Response: 12834301
Conc: 2209.41 ng/ml

Instrument :
ECD_O
ClientSampleId :



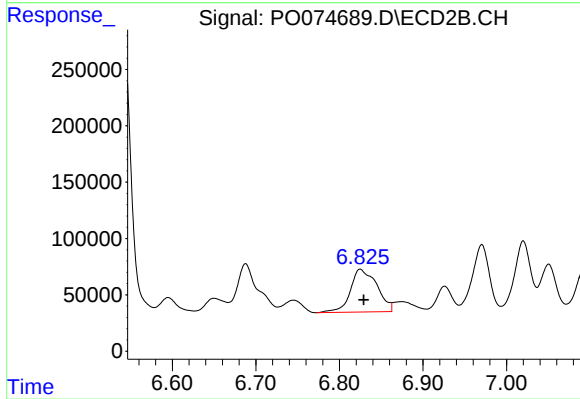
#30 AR-1254-5

R.T.: 7.352 min
Delta R.T.: -0.004 min
Response: 7210875
Conc: 1593.23 ng/ml



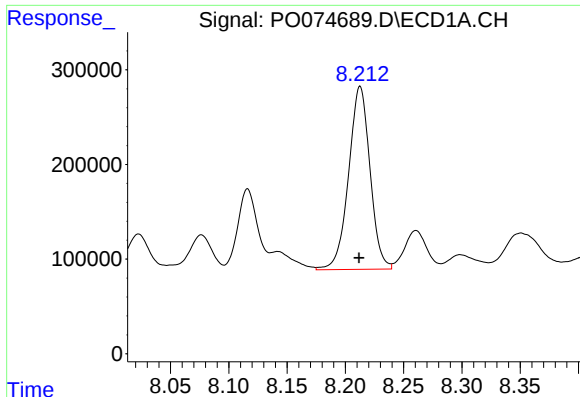
#31 AR-1260-1

R.T.: 7.947 min
Delta R.T.: 0.002 min
Response: 747701
Conc: 149.88 ng/ml



#31 AR-1260-1

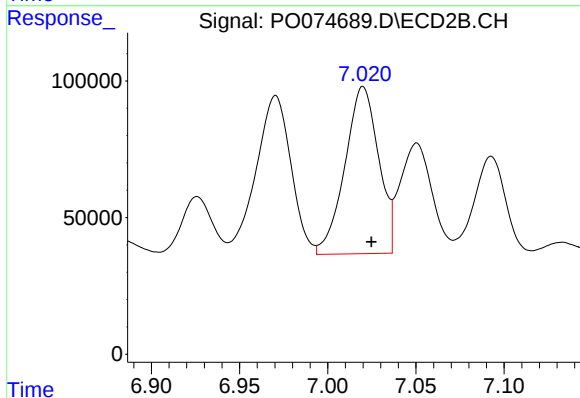
R.T.: 6.825 min
Delta R.T.: -0.004 min
Response: 841438
Conc: 263.75 ng/ml



#32 AR-1260-2

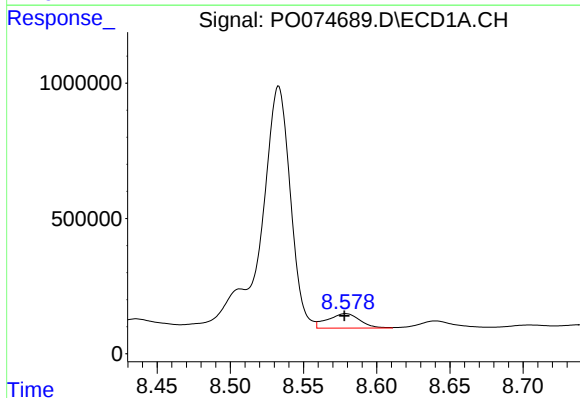
R.T.: 8.213 min
Delta R.T.: 0.001 min
Response: 2471765
Conc: 363.38 ng/ml

Instrument :
ECD_O
ClientSampleId :



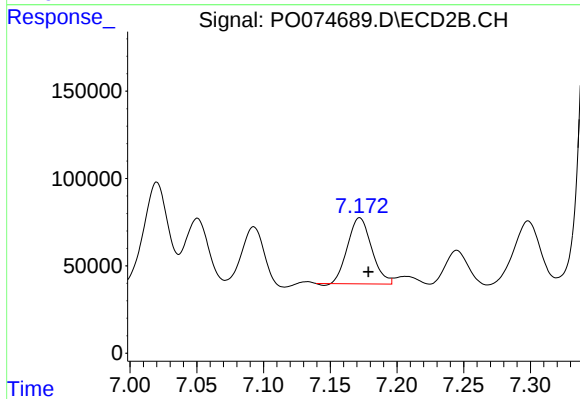
#32 AR-1260-2

R.T.: 7.020 min
Delta R.T.: -0.005 min
Response: 812885
Conc: 191.22 ng/ml



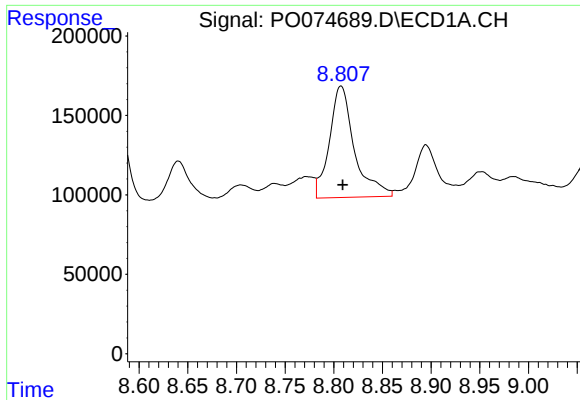
#33 AR-1260-3

R.T.: 8.579 min
Delta R.T.: 0.000 min
Response: 819970
Conc: 143.06 ng/ml



#33 AR-1260-3

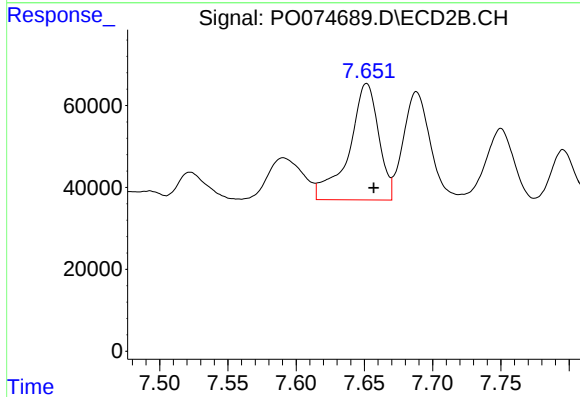
R.T.: 7.172 min
Delta R.T.: -0.007 min
Response: 471455
Conc: 130.83 ng/ml



#34 AR-1260-4

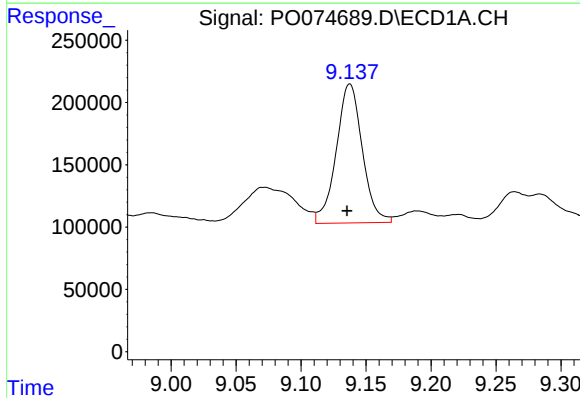
R.T.: 8.807 min
Delta R.T.: -0.002 min
Response: 1253897
Conc: 229.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



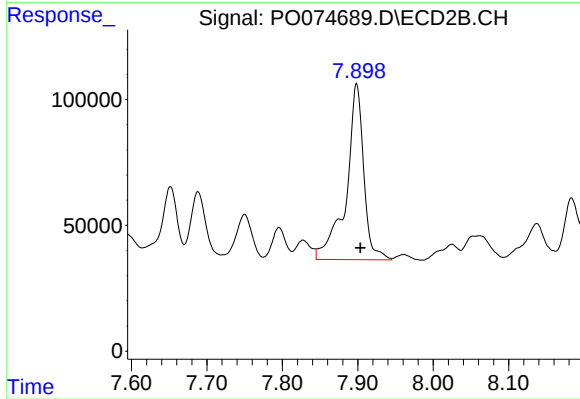
#34 AR-1260-4

R.T.: 7.652 min
Delta R.T.: -0.005 min
Response: 431129
Conc: 137.68 ng/ml



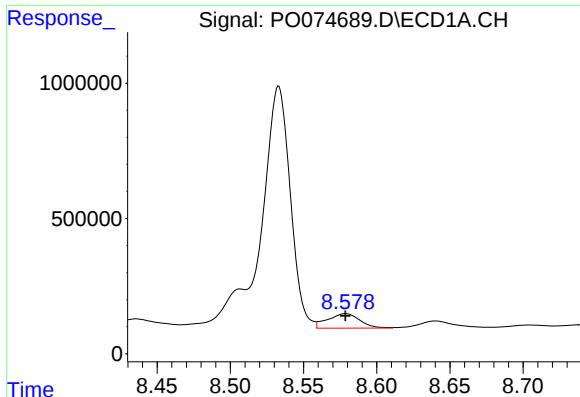
#35 AR-1260-5

R.T.: 9.138 min
Delta R.T.: 0.002 min
Response: 1554808
Conc: 124.43 ng/ml



#35 AR-1260-5

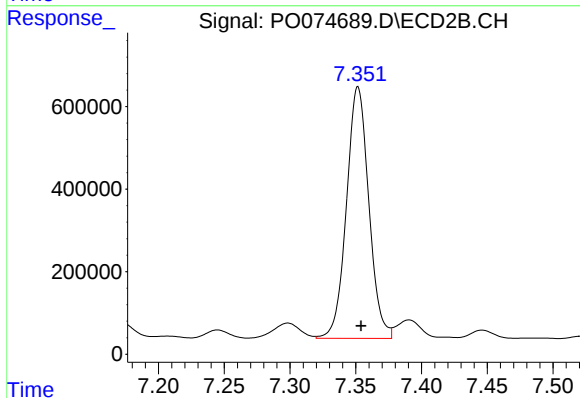
R.T.: 7.898 min
Delta R.T.: -0.005 min
Response: 1129251
Conc: 142.07 ng/ml



#36 AR-1262-1

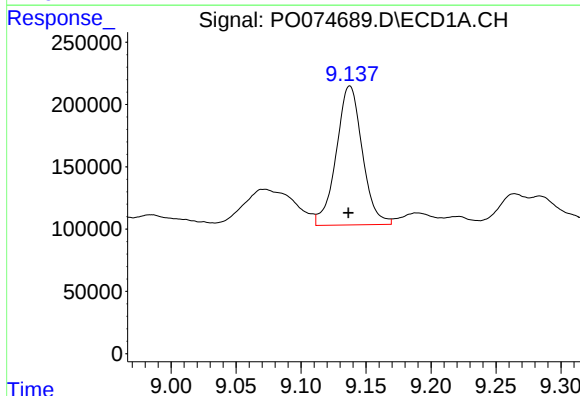
R.T.: 8.579 min
Delta R.T.: 0.000 min
Response: 819970
Conc: 92.09 ng/ml

Instrument :
ECD_O
ClientSampleId :



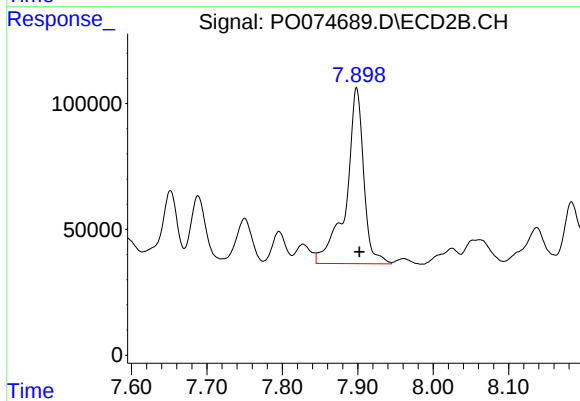
#36 AR-1262-1

R.T.: 7.352 min
Delta R.T.: -0.002 min
Response: 7210875
Conc: 2833.82 ng/ml



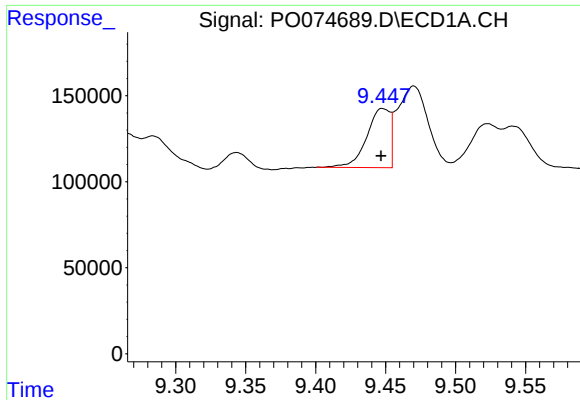
#37 AR-1262-2

R.T.: 9.138 min
Delta R.T.: 0.001 min
Response: 1554808
Conc: 101.55 ng/ml



#37 AR-1262-2

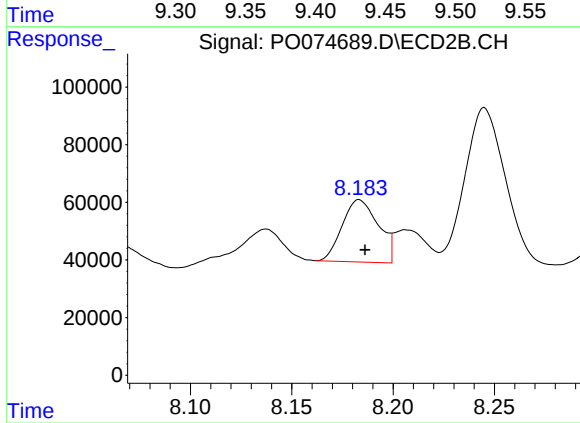
R.T.: 7.898 min
Delta R.T.: -0.004 min
Response: 1129251
Conc: 122.82 ng/ml



#38 AR-1262-3

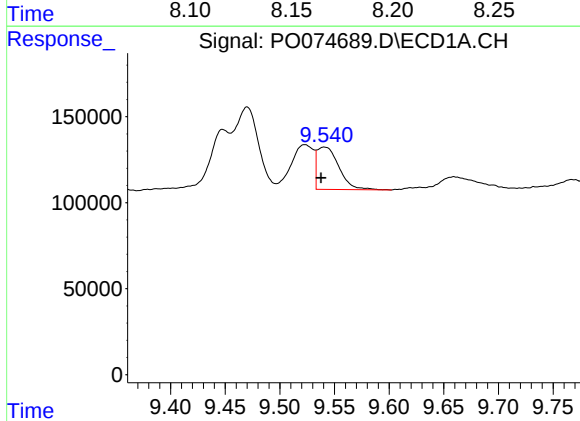
R.T.: 9.448 min
Delta R.T.: 0.001 min
Response: 397964
Conc: 39.73 ng/ml

Instrument :
ECD_O
ClientSampleId :



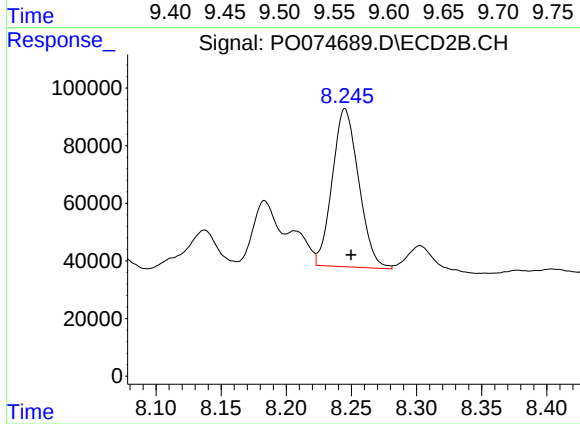
#38 AR-1262-3

R.T.: 8.183 min
Delta R.T.: -0.003 min
Response: 268348
Conc: 67.86 ng/ml



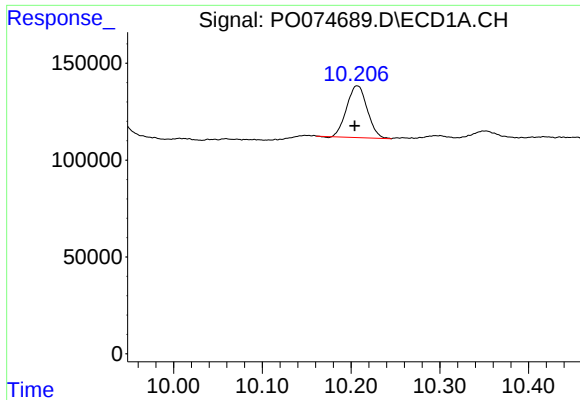
#39 AR-1262-4

R.T.: 9.541 min
Delta R.T.: 0.003 min
Response: 341788
Conc: 45.89 ng/ml



#39 AR-1262-4

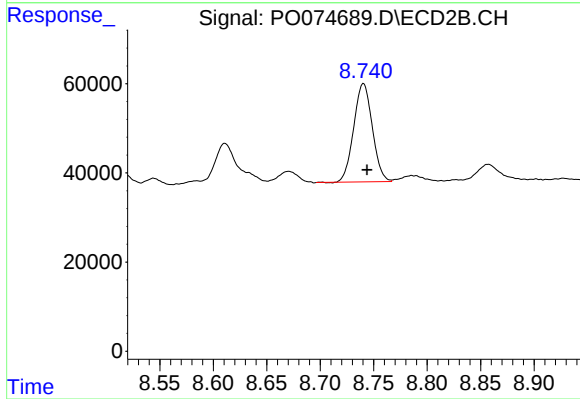
R.T.: 8.245 min
Delta R.T.: -0.005 min
Response: 774624
Conc: 116.92 ng/ml



#40 AR-1262-5

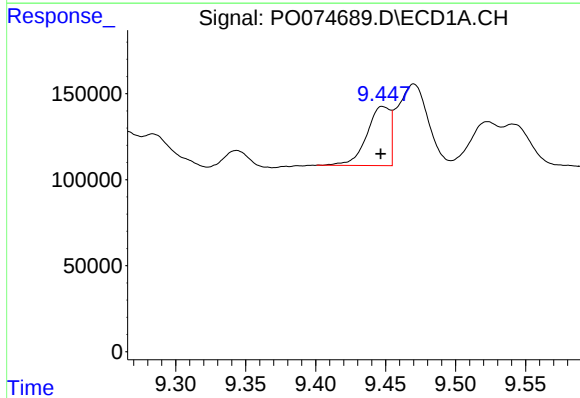
R.T.: 10.207 min
Delta R.T.: 0.003 min
Response: 430134
Conc: 82.22 ng/ml

Instrument :
ECD_O
ClientSampleId :



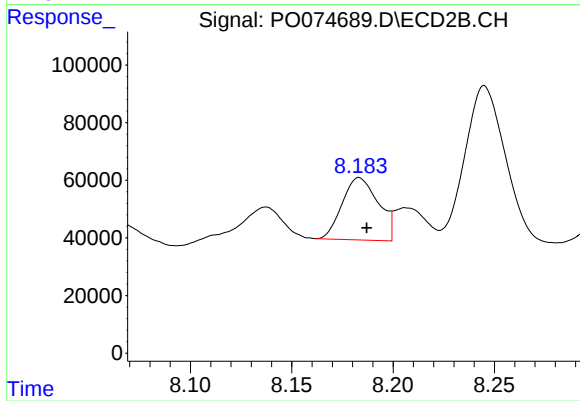
#40 AR-1262-5

R.T.: 8.740 min
Delta R.T.: -0.003 min
Response: 267437
Conc: 86.62 ng/ml



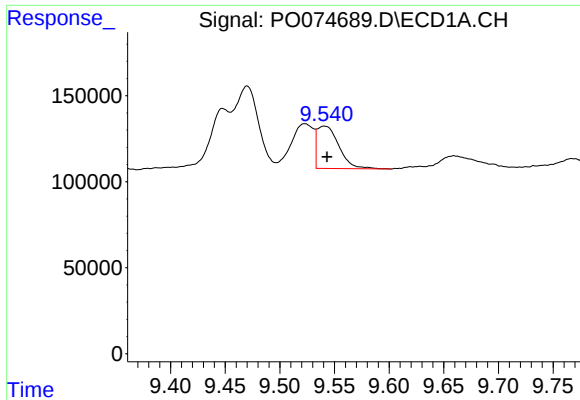
#41 AR-1268-1

R.T.: 9.448 min
Delta R.T.: 0.001 min
Response: 397964
Conc: 21.30 ng/ml



#41 AR-1268-1

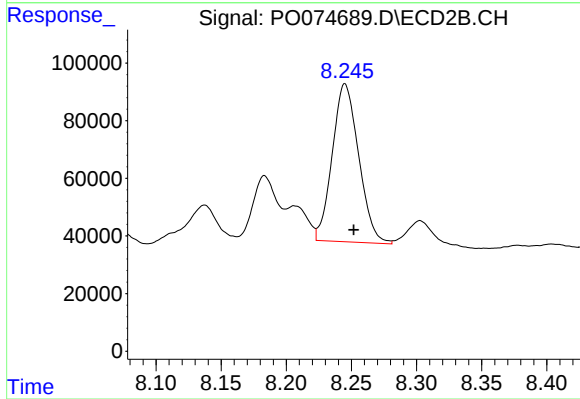
R.T.: 8.183 min
Delta R.T.: -0.004 min
Response: 268348
Conc: 23.97 ng/ml



#42 AR-1268-2

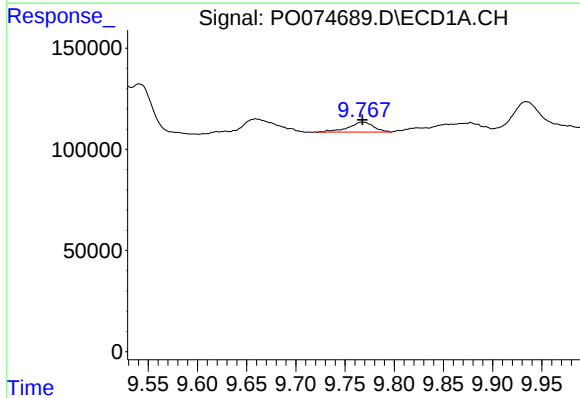
R.T.: 9.541 min
Delta R.T.: -0.002 min
Response: 341788
Conc: 21.42 ng/ml

Instrument :
ECD_O
ClientSampleId :



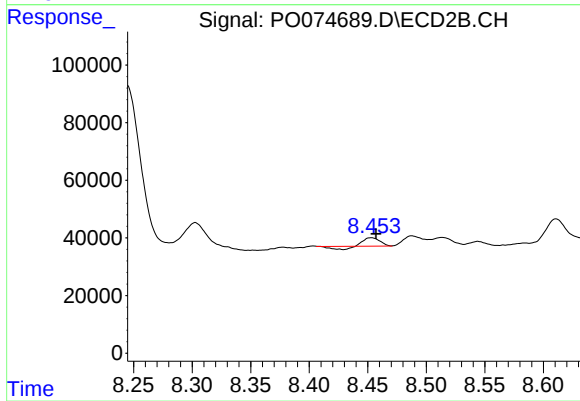
#42 AR-1268-2

R.T.: 8.245 min
Delta R.T.: -0.007 min
Response: 774624
Conc: 80.97 ng/ml



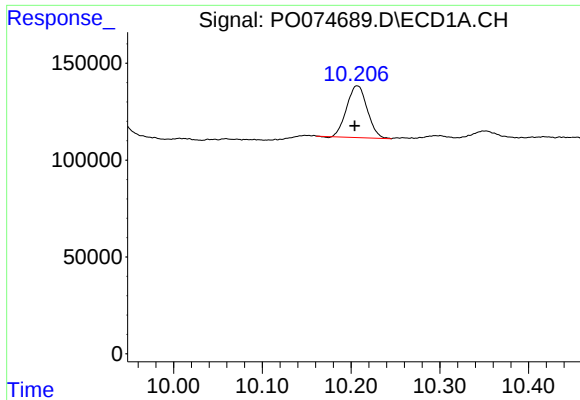
#43 AR-1268-3

R.T.: 9.768 min
Delta R.T.: 0.000 min
Response: 89584
Conc: 6.31 ng/ml



#43 AR-1268-3

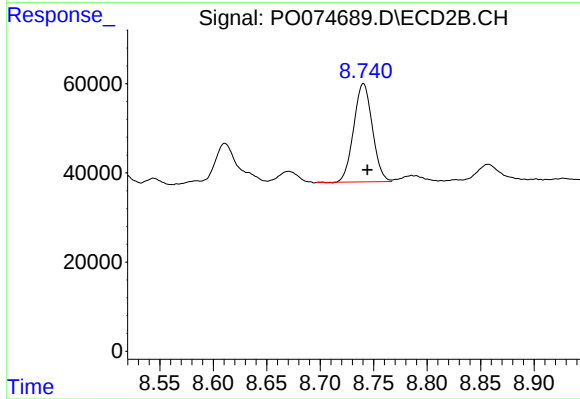
R.T.: 8.453 min
Delta R.T.: -0.004 min
Response: 18187
Conc: 2.19 ng/ml



#44 AR-1268-4

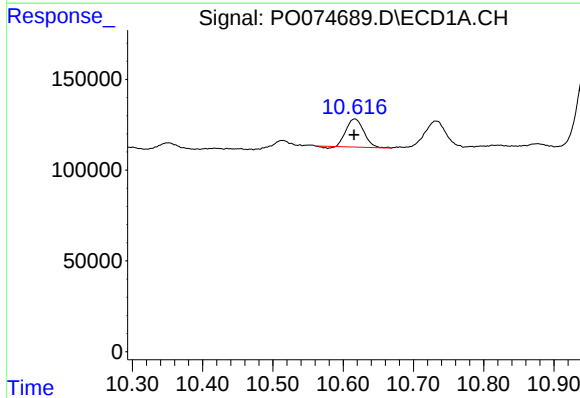
R.T.: 10.207 min
Delta R.T.: 0.003 min
Response: 430134
Conc: 73.42 ng/ml

Instrument :
ECD_O
ClientSampleId :



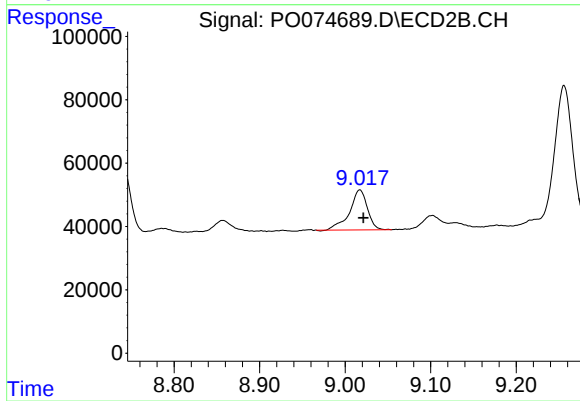
#44 AR-1268-4

R.T.: 8.740 min
Delta R.T.: -0.004 min
Response: 267437
Conc: 77.09 ng/ml



#45 AR-1268-5

R.T.: 10.616 min
Delta R.T.: 0.000 min
Response: 267416
Conc: 6.40 ng/ml



#45 AR-1268-5

R.T.: 9.017 min
Delta R.T.: -0.004 min
Response: 182528
Conc: 7.71 ng/ml