

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0073021\
 Data File : P0080022.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 30 Jul 2021 18:20
 Operator : DD\AJ
 Sample : M3238-01
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 02 01:56:19 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0072821.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jul 28 18:45:36 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...	5.001	4.119	1427204	557181	23.685	24.330
2)	SA Decachlor...	11.114	9.532	1108634	523736	23.633	25.202
Target Compounds							
3)	L1 AR-1016-1	0.000	5.418	0	20761	N.D.	22.088 #
4)	L1 AR-1016-2	0.000	5.418	0	20761	N.D.	16.319 #
5)	L1 AR-1016-3	0.000	5.628	0	32663	N.D.	46.329 #
7)	L1 AR-1016-5	6.840	5.901	109515	12369	72.387	16.796 #
8)	L2 AR-1221-1	5.253	4.373	135659	102196	210.529	353.905 #
9)	L2 AR-1221-2	5.356	4.456f	11250	30688	24.501	143.084 #
10)	L2 AR-1221-3	5.457f	4.573	85687	27402	55.530	42.208
11)	L3 AR-1232-1	5.457f	4.573	85687	27402	60.129	45.442
12)	L3 AR-1232-2	0.000	5.418	0	20761	N.D.	36.919 #
13)	L3 AR-1232-3	0.000	5.628	0	32663	N.D.	108.493 #
14)	L3 AR-1232-4	0.000	5.726f	0	23049	N.D.	80.967 #
15)	L3 AR-1232-5	0.000	5.901	0	12369	N.D.	41.188 #
16)	L4 AR-1242-1	0.000	5.418f	0	20761	N.D.	29.151 #
17)	L4 AR-1242-2	0.000	5.418	0	20761	N.D.	21.439 #
18)	L4 AR-1242-3	0.000	5.628	0	32663	N.D.	60.875 #
19)	L4 AR-1242-4	0.000	5.726	0	23049	N.D.	41.047 #
20)	L4 AR-1242-5	7.339f	6.285	463098	87492	364.764	134.461 #
21)	L5 AR-1248-1	0.000	5.418	0	20761	N.D.	37.597 #
22)	L5 AR-1248-2	0.000	5.628f	0	32663	N.D.	39.645 #
23)	L5 AR-1248-3	6.840	5.726	109515	23049	53.435	27.773 #
24)	L5 AR-1248-4	7.279	5.901	217784	12369	93.035	13.090 #
25)	L5 AR-1248-5	7.339f	6.328	463098	20435	203.648	22.287 #
26)	L6 AR-1254-1	7.255	6.285	234367	87492	107.292	64.519 #
27)	L6 AR-1254-2	7.481	6.444	446120	82934	135.857	69.166 #
28)	L6 AR-1254-3	7.874	6.873	309751	73789	89.961	39.437 #
29)	L6 AR-1254-4	8.157	7.114	73323	36707	28.829	31.005
30)	L6 AR-1254-5	8.585	7.549	534430	406352	200.955	253.670 #
31)	L7 AR-1260-1	8.008f	7.005	737124	252302	300.443	194.923 #
32)	L7 AR-1260-2	8.293	7.221	513143	400240	166.975	261.636 #
33)	L7 AR-1260-3	8.662	7.368	359071	137410	161.941	94.112 #
34)	L7 AR-1260-4	8.893	7.857	380505	156660	148.225	132.206
35)	L7 AR-1260-5	9.228	8.104	827867	667212	161.916	252.572 #
36)	L8 AR-1262-1	8.662	7.549	359071	406352	112.290	482.747 #
37)	L8 AR-1262-2	9.228	8.104	827867	667212	152.858	248.489 #
38)	L8 AR-1262-3	9.547	8.398	504310	275911	133.339	248.415 #
39)	L8 AR-1262-4	9.645	8.464	597538	534487	211.472	267.323 #
40)	L8 AR-1262-5	10.335	8.970	418810	206313	220.247	211.502
41)	L9 AR-1268-1	9.547	8.398	504310	275911	77.897	90.807
42)	L9 AR-1268-2	9.645	8.464	597538	534487	100.417	196.435 #

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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
43) L9	AR-1268-3	9.880	8.674	41306	34006	8.220	14.670 #
44) L9	AR-1268-4	10.335	8.970	418810	206313	182.276	192.705
45) L9	AR-1268-5	10.764	9.269	362928	174736	21.769	25.160

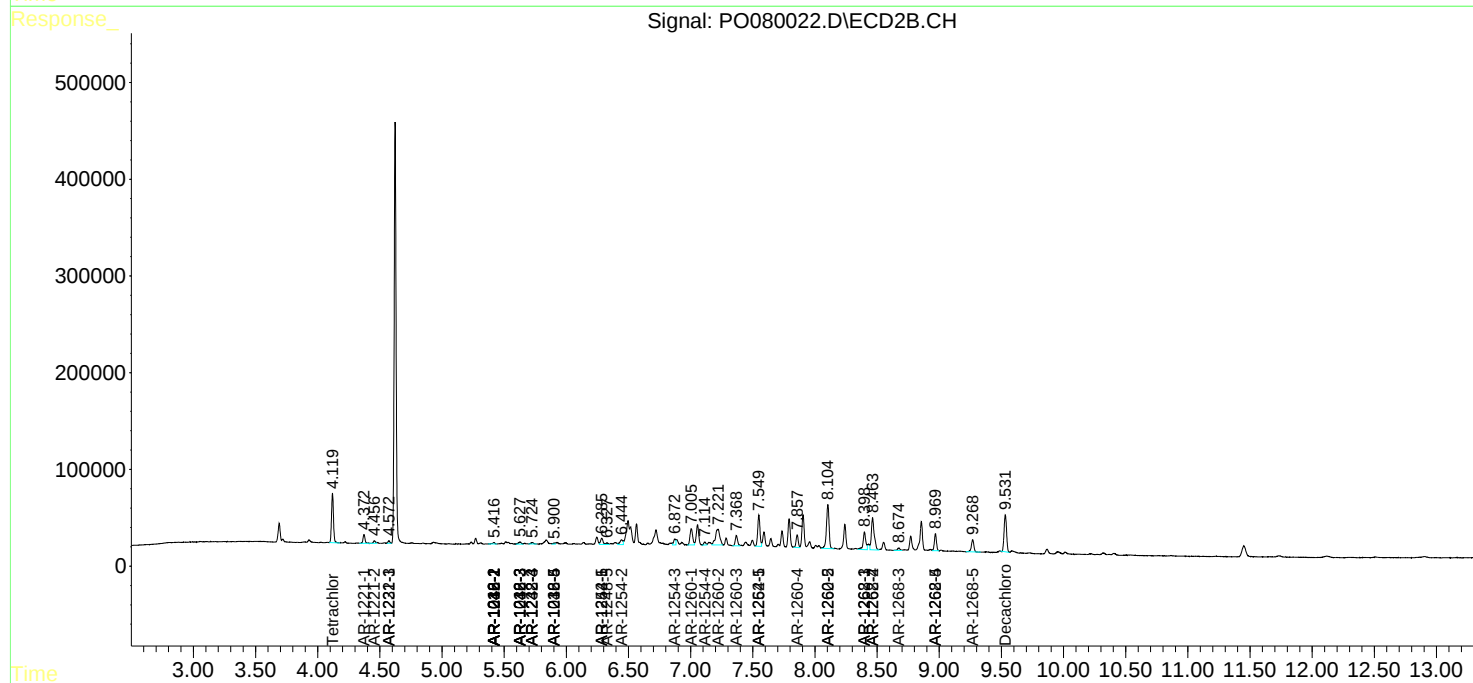
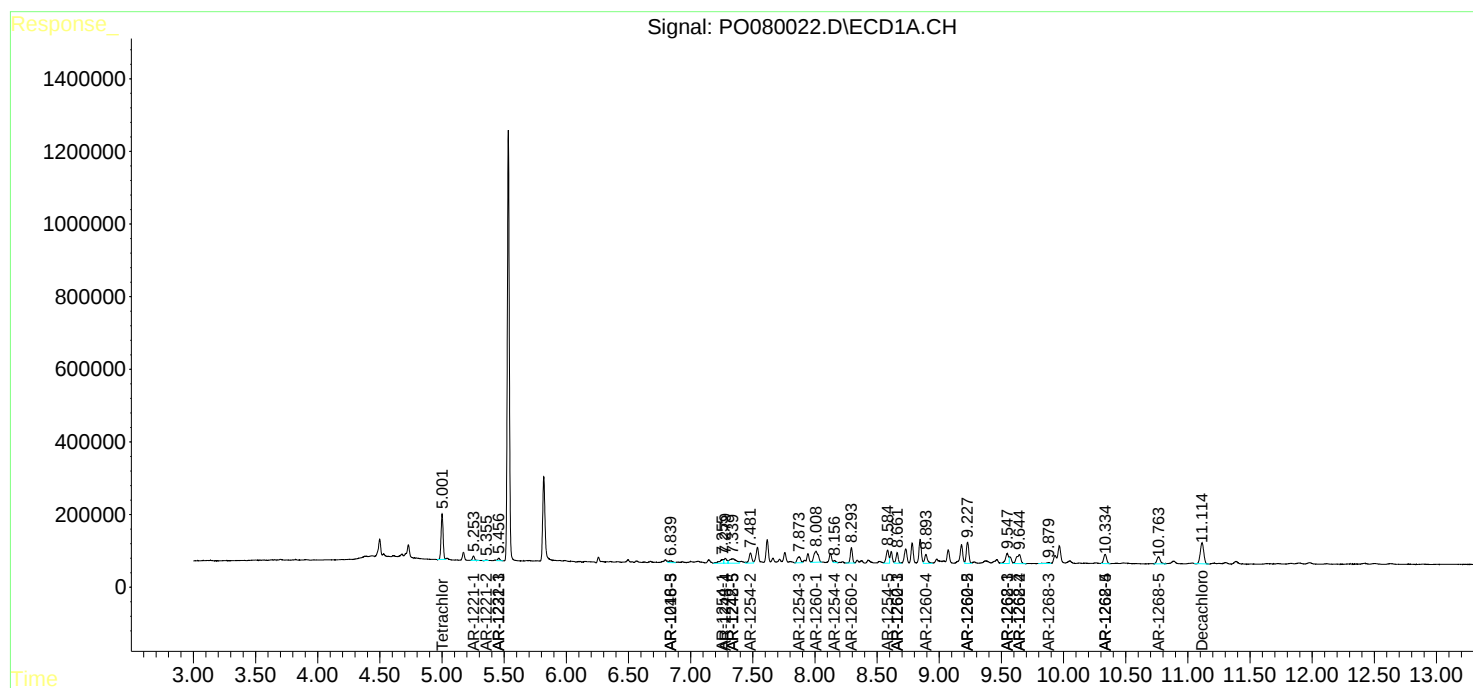
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

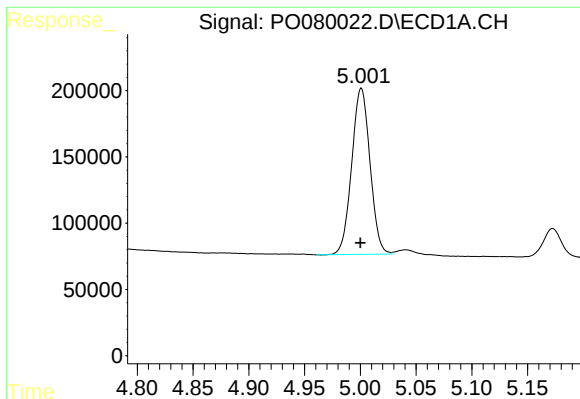
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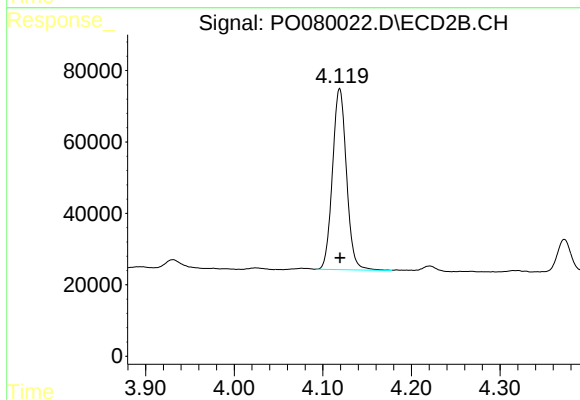




#1 Tetrachloro-m-xylene

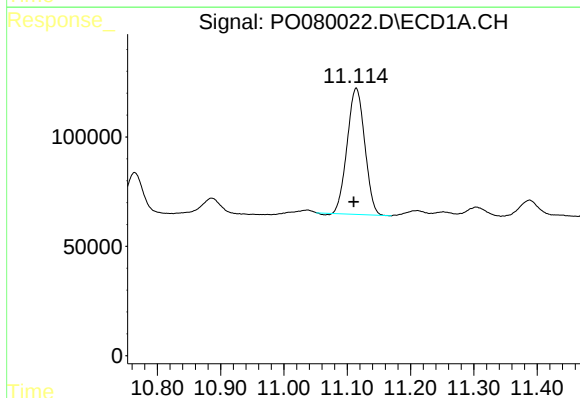
R.T.: 5.001 min
Delta R.T.: 0.000 min
Response: 1427204
Conc: 23.69 ng/ml

Instrument :
ECD_O
ClientSampleId :



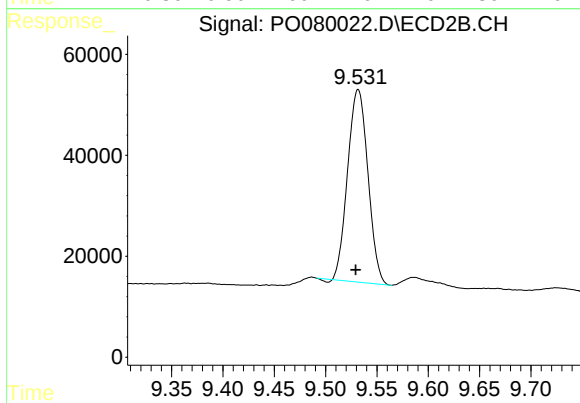
#1 Tetrachloro-m-xylene

R.T.: 4.119 min
Delta R.T.: 0.000 min
Response: 557181
Conc: 24.33 ng/ml



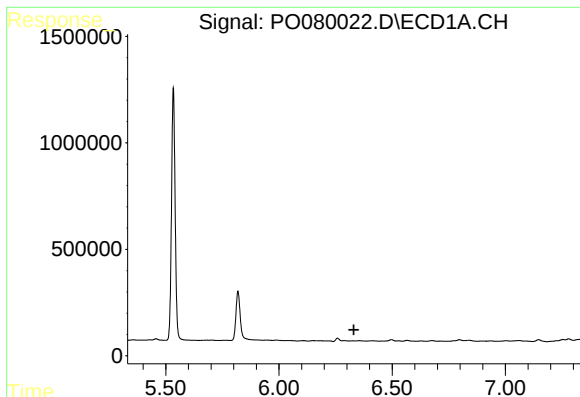
#2 Decachlorobiphenyl

R.T.: 11.114 min
Delta R.T.: 0.004 min
Response: 1108634
Conc: 23.63 ng/ml



#2 Decachlorobiphenyl

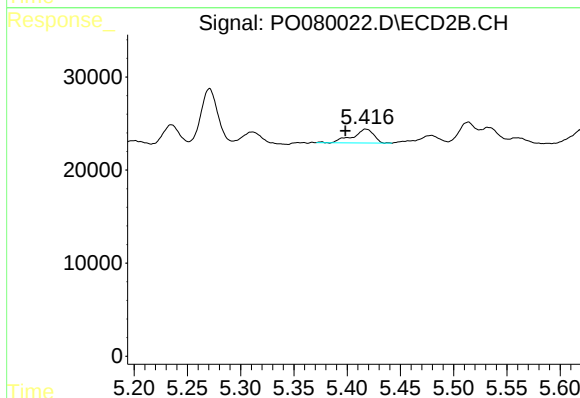
R.T.: 9.532 min
Delta R.T.: 0.002 min
Response: 523736
Conc: 25.20 ng/ml



#3 AR-1016-1

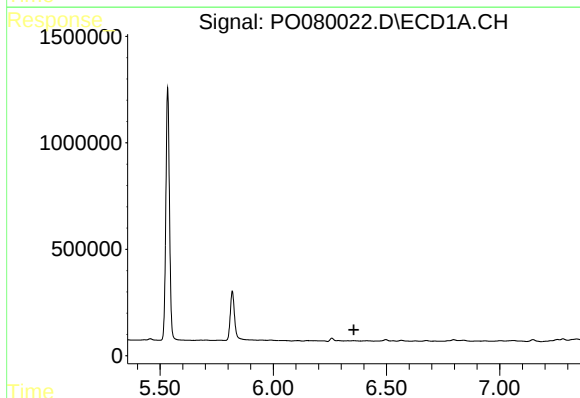
R.T.: 0.000 min
Exp R.T.: 6.331 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



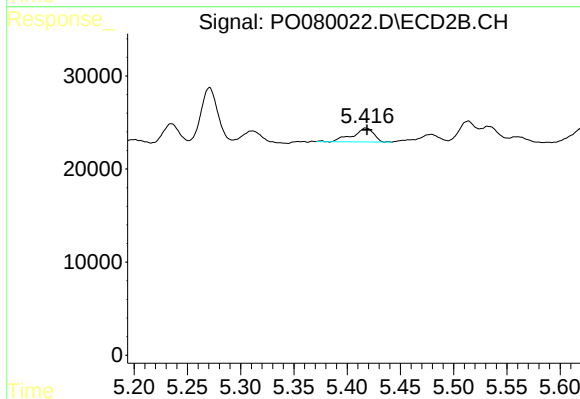
#3 AR-1016-1

R.T.: 5.418 min
Delta R.T.: 0.019 min
Response: 20761
Conc: 22.09 ng/ml



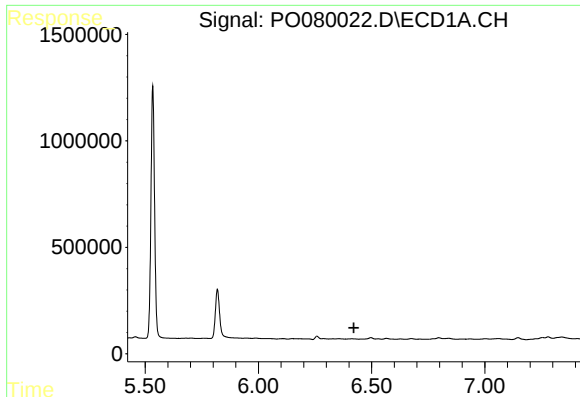
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T.: 6.356 min
Response: 0
Conc: N.D.



#4 AR-1016-2

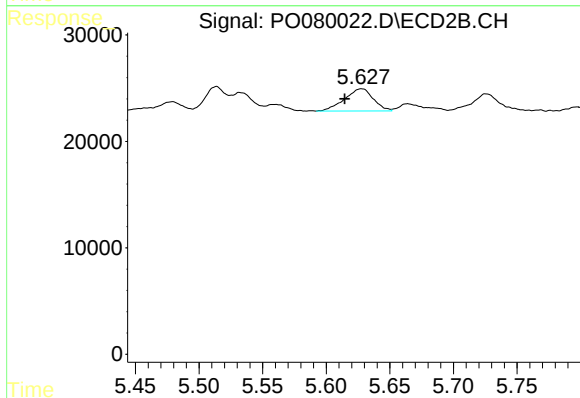
R.T.: 5.418 min
Delta R.T.: 0.000 min
Response: 20761
Conc: 16.32 ng/ml



#5 AR-1016-3

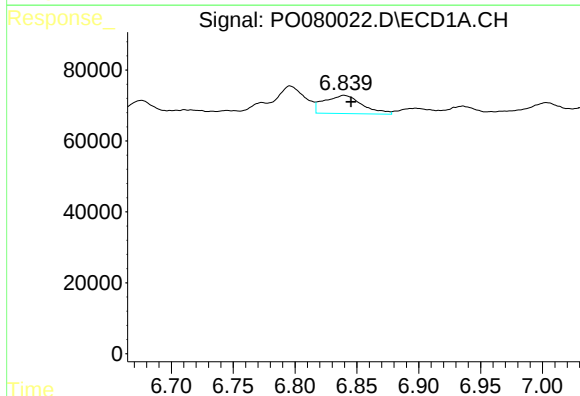
R.T.: 0.000 min
Exp R.T.: 6.422 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



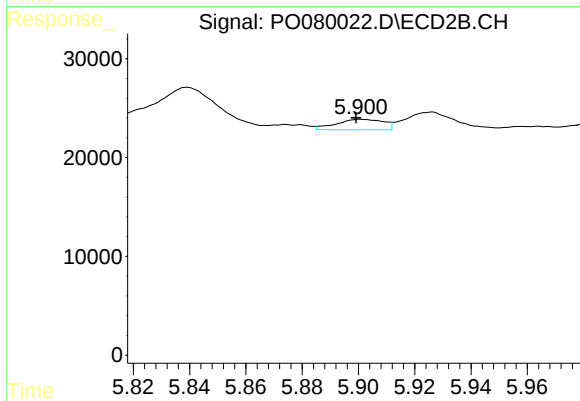
#5 AR-1016-3

R.T.: 5.628 min
Delta R.T.: 0.013 min
Response: 32663
Conc: 46.33 ng/ml



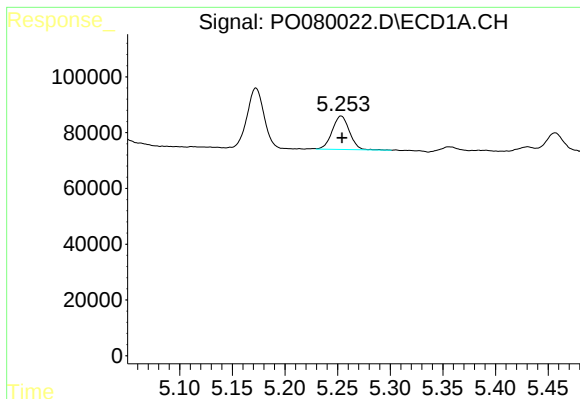
#7 AR-1016-5

R.T.: 6.840 min
Delta R.T.: -0.006 min
Response: 109515
Conc: 72.39 ng/ml



#7 AR-1016-5

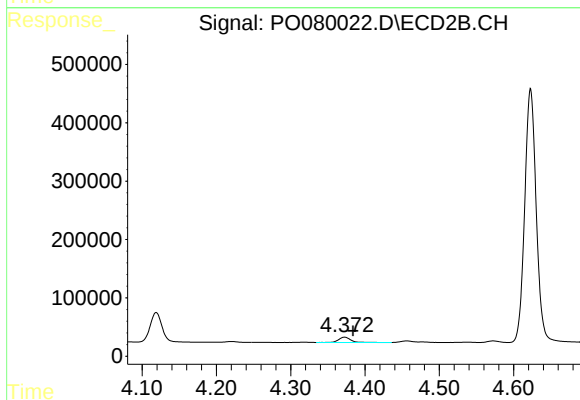
R.T.: 5.901 min
Delta R.T.: 0.002 min
Response: 12369
Conc: 16.80 ng/ml



#8 AR-1221-1

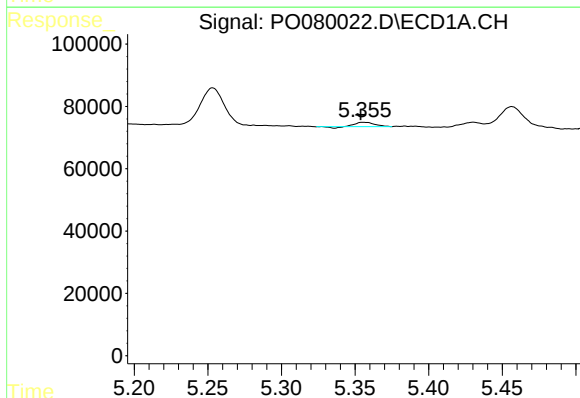
R.T.: 5.253 min
Delta R.T.: 0.000 min
Response: 135659
Conc: 210.53 ng/ml

Instrument :
ECD_O
ClientSampleId :



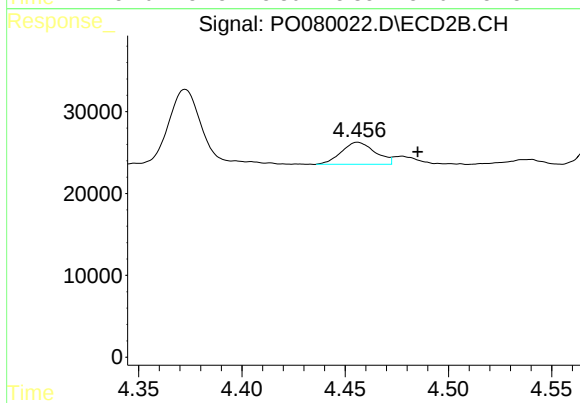
#8 AR-1221-1

R.T.: 4.373 min
Delta R.T.: -0.011 min
Response: 102196
Conc: 353.91 ng/ml



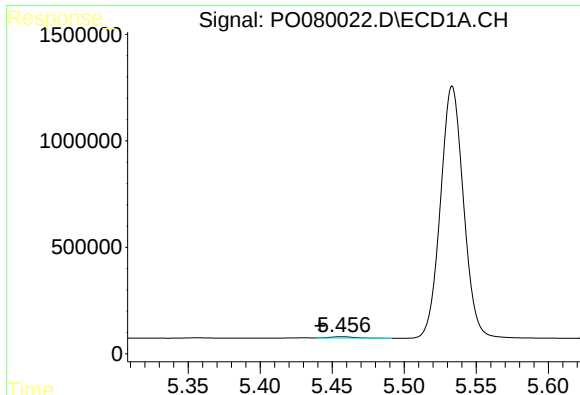
#9 AR-1221-2

R.T.: 5.356 min
Delta R.T.: 0.002 min
Response: 11250
Conc: 24.50 ng/ml



#9 AR-1221-2

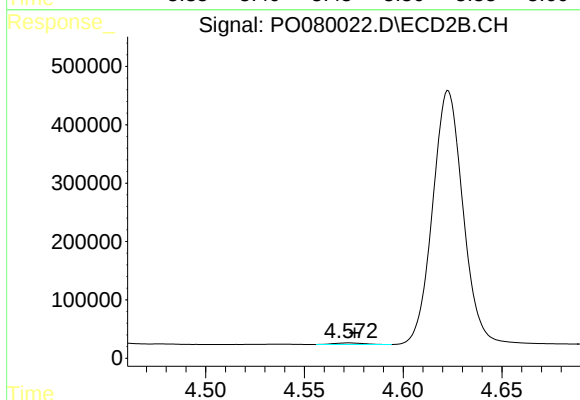
R.T.: 4.456 min
Delta R.T.: -0.029 min
Response: 30688
Conc: 143.08 ng/ml



#10 AR-1221-3

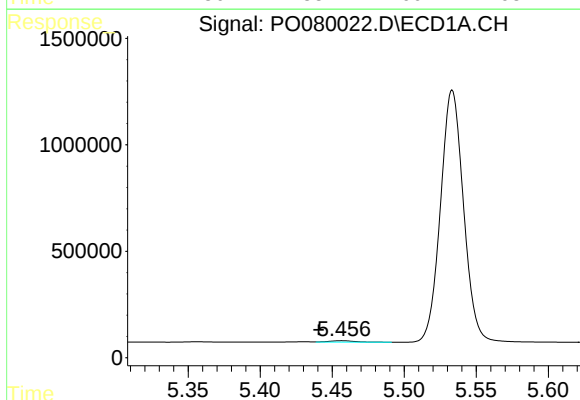
R.T.: 5.457 min
Delta R.T.: 0.015 min
Response: 85687
Conc: 55.53 ng/ml

Instrument :
ECD_O
ClientSampleId :



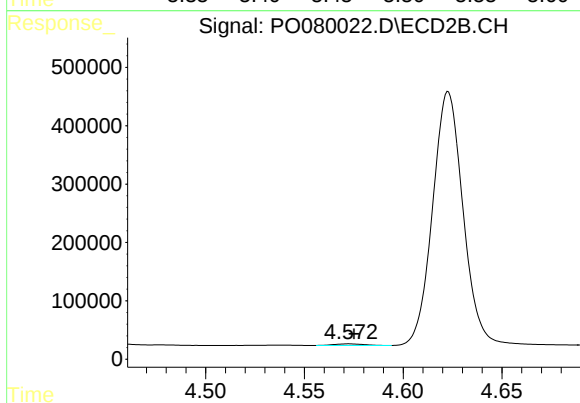
#10 AR-1221-3

R.T.: 4.573 min
Delta R.T.: -0.003 min
Response: 27402
Conc: 42.21 ng/ml



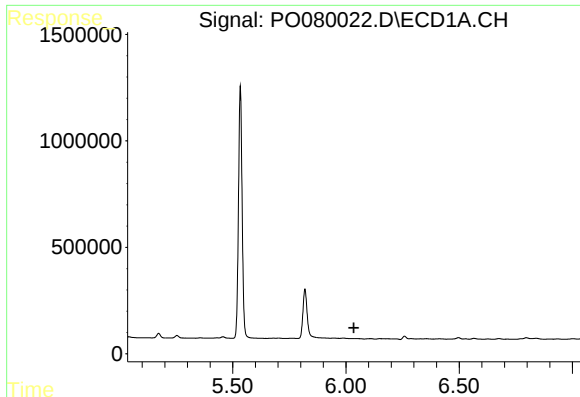
#11 AR-1232-1

R.T.: 5.457 min
Delta R.T.: 0.016 min
Response: 85687
Conc: 60.13 ng/ml



#11 AR-1232-1

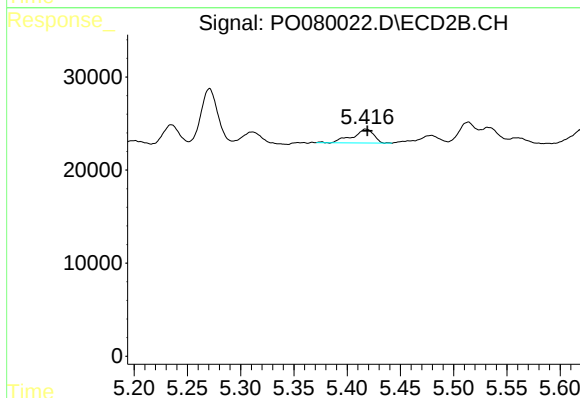
R.T.: 4.573 min
Delta R.T.: -0.003 min
Response: 27402
Conc: 45.44 ng/ml



#12 AR-1232-2

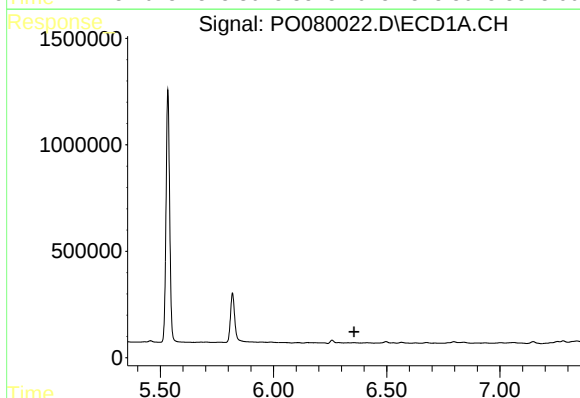
R.T.: 0.000 min
Exp R.T.: 6.035 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



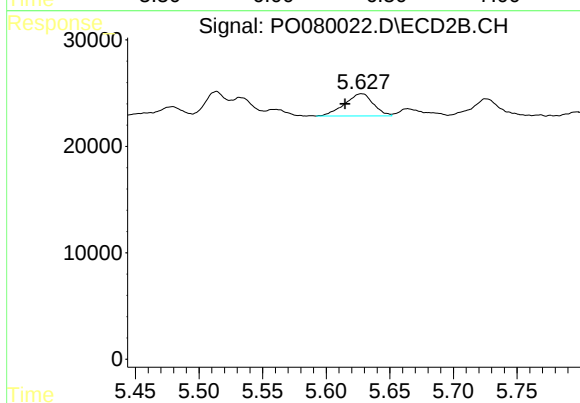
#12 AR-1232-2

R.T.: 5.418 min
Delta R.T.: -0.001 min
Response: 20761
Conc: 36.92 ng/ml



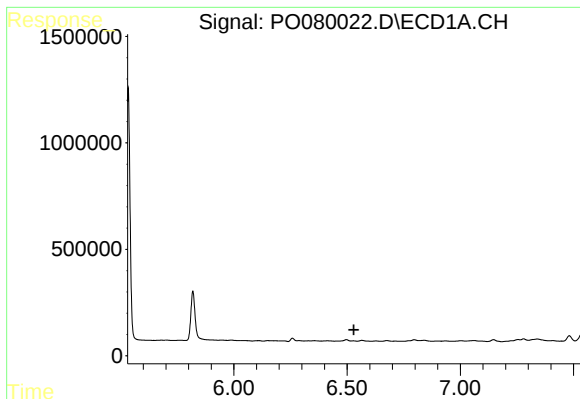
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T.: 6.355 min
Response: 0
Conc: N.D.



#13 AR-1232-3

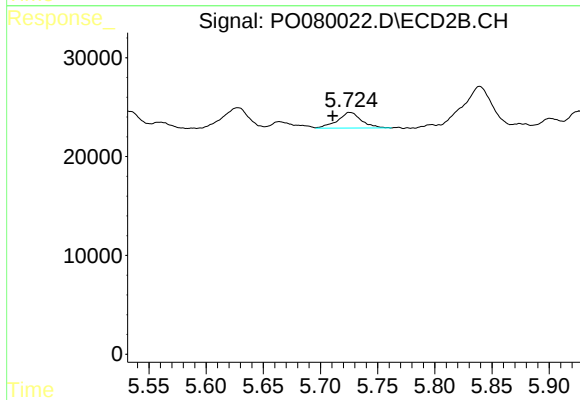
R.T.: 5.628 min
Delta R.T.: 0.013 min
Response: 32663
Conc: 108.49 ng/ml



#14 AR-1232-4

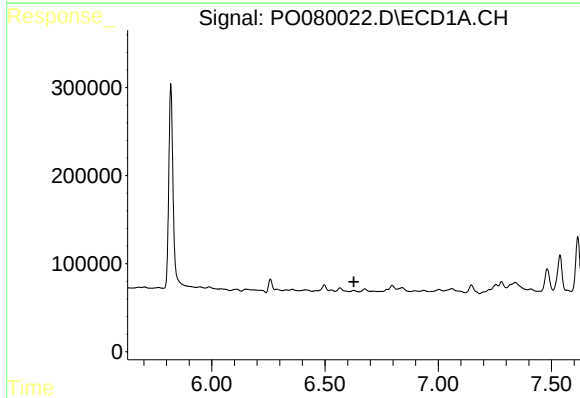
R.T.: 0.000 min
Exp R.T.: 6.530 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



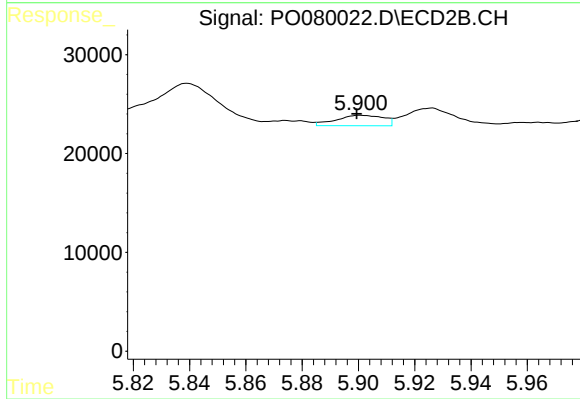
#14 AR-1232-4

R.T.: 5.726 min
Delta R.T.: 0.015 min
Response: 23049
Conc: 80.97 ng/ml



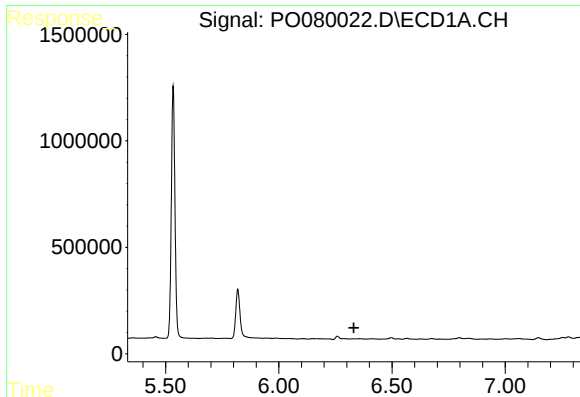
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T.: 6.628 min
Response: 0
Conc: N.D.



#15 AR-1232-5

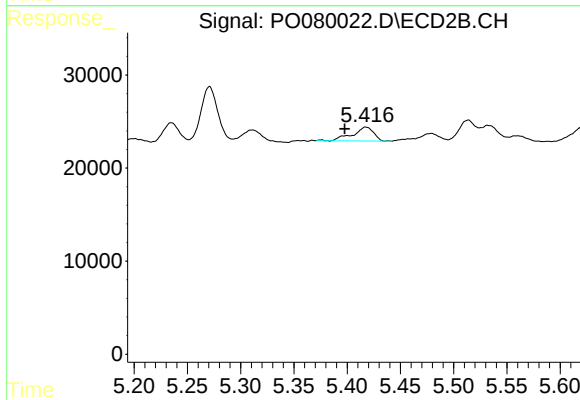
R.T.: 5.901 min
Delta R.T.: 0.002 min
Response: 12369
Conc: 41.19 ng/ml



#16 AR-1242-1

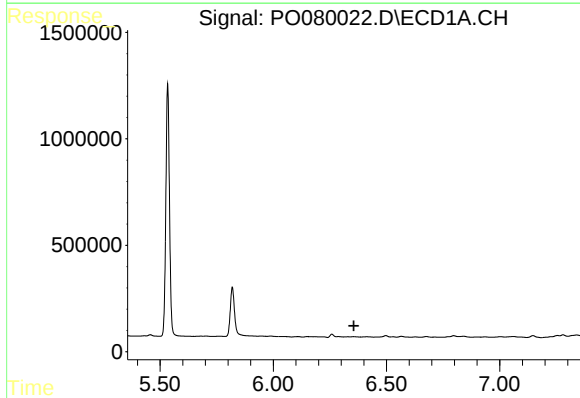
R.T.: 0.000 min
Exp R.T.: 6.332 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



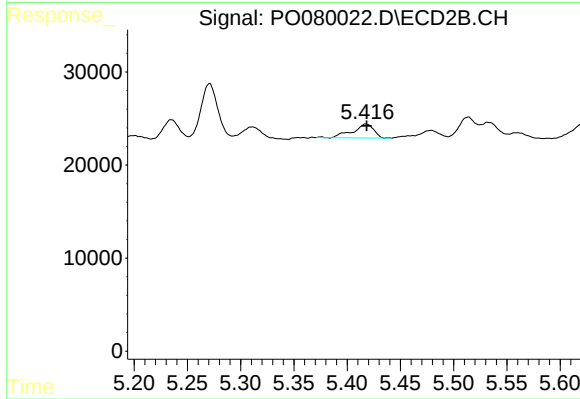
#16 AR-1242-1

R.T.: 5.418 min
Delta R.T.: 0.020 min
Response: 20761
Conc: 29.15 ng/ml



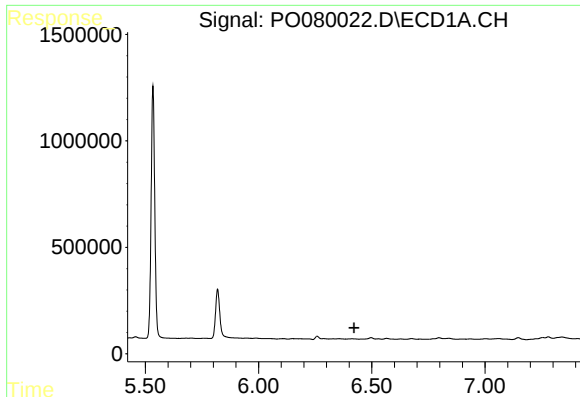
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T.: 6.356 min
Response: 0
Conc: N.D.



#17 AR-1242-2

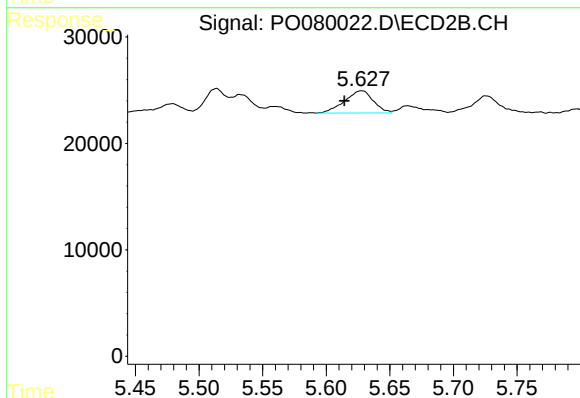
R.T.: 5.418 min
Delta R.T.: 0.000 min
Response: 20761
Conc: 21.44 ng/ml



#18 AR-1242-3

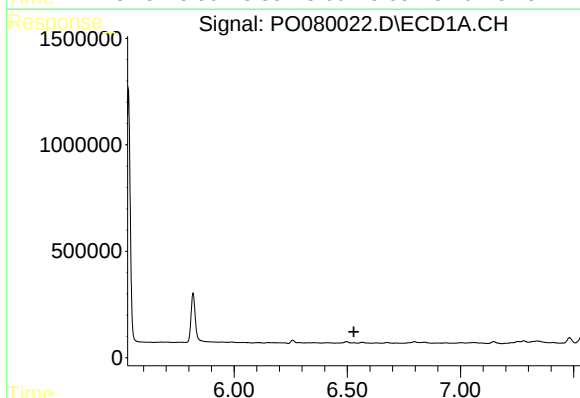
R.T.: 0.000 min
Exp R.T. : 6.421 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



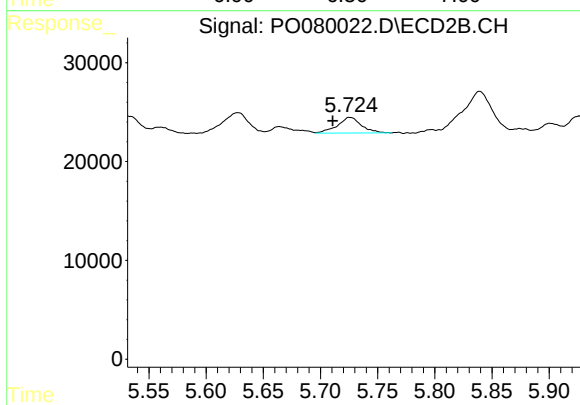
#18 AR-1242-3

R.T.: 5.628 min
Delta R.T.: 0.014 min
Response: 32663
Conc: 60.88 ng/ml



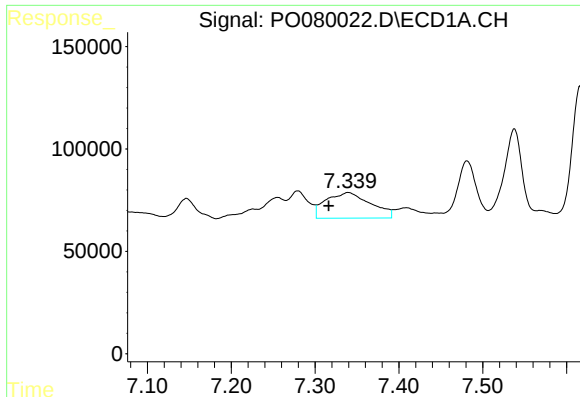
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T. : 6.529 min
Response: 0
Conc: N.D.



#19 AR-1242-4

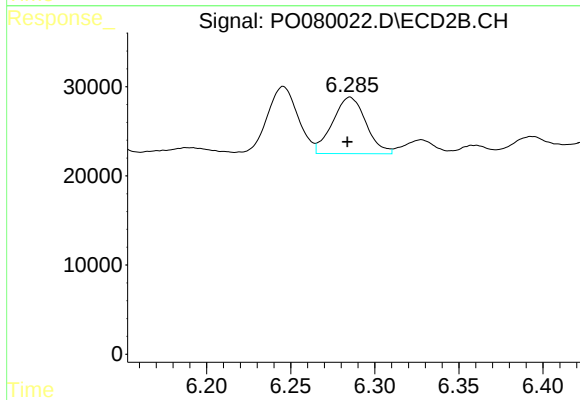
R.T.: 5.726 min
Delta R.T.: 0.015 min
Response: 23049
Conc: 41.05 ng/ml



#20 AR-1242-5

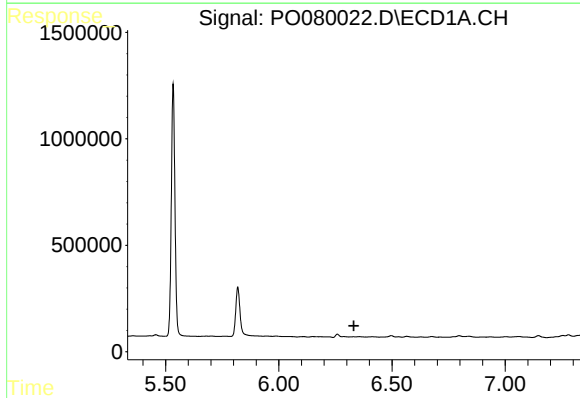
R.T.: 7.339 min
Delta R.T.: 0.023 min
Response: 463098
Conc: 364.76 ng/ml

Instrument :
ECD_O
ClientSampleId :



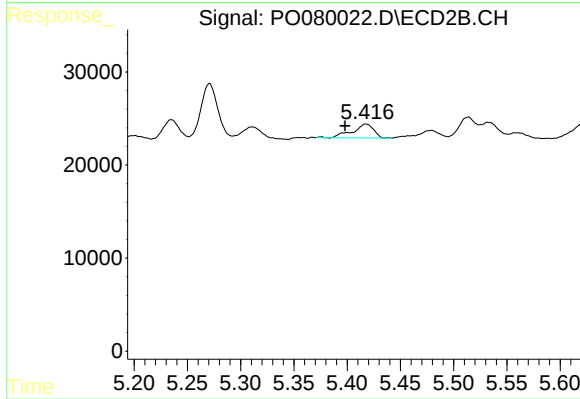
#20 AR-1242-5

R.T.: 6.285 min
Delta R.T.: 0.002 min
Response: 87492
Conc: 134.46 ng/ml



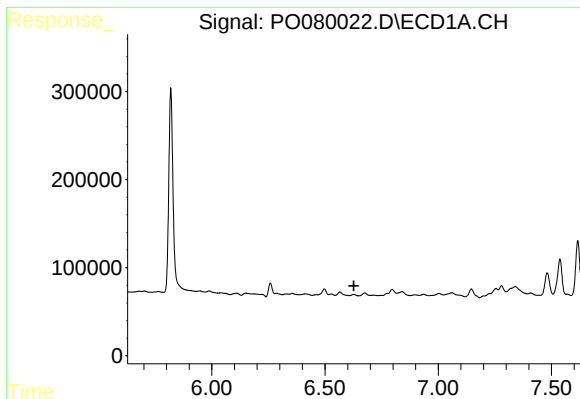
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T. : 6.332 min
Response: 0
Conc: N.D.



#21 AR-1248-1

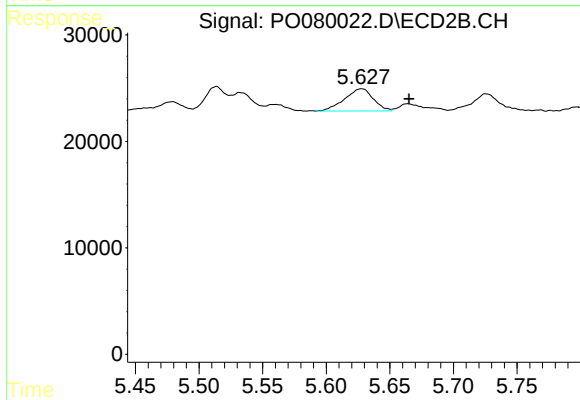
R.T.: 5.418 min
Delta R.T.: 0.020 min
Response: 20761
Conc: 37.60 ng/ml



#22 AR-1248-2

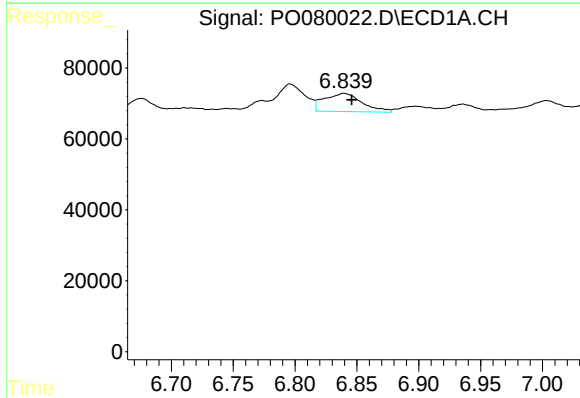
R.T.: 0.000 min
Exp R.T.: 6.628 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



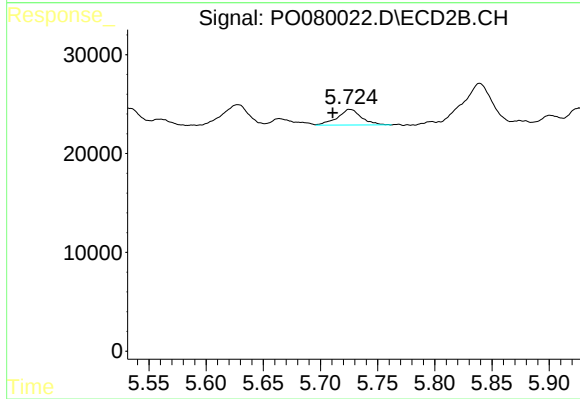
#22 AR-1248-2

R.T.: 5.628 min
Delta R.T.: -0.037 min
Response: 32663
Conc: 39.65 ng/ml



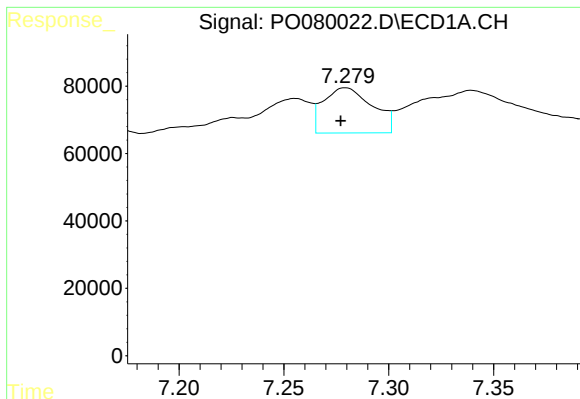
#23 AR-1248-3

R.T.: 6.840 min
Delta R.T.: -0.006 min
Response: 109515
Conc: 53.43 ng/ml



#23 AR-1248-3

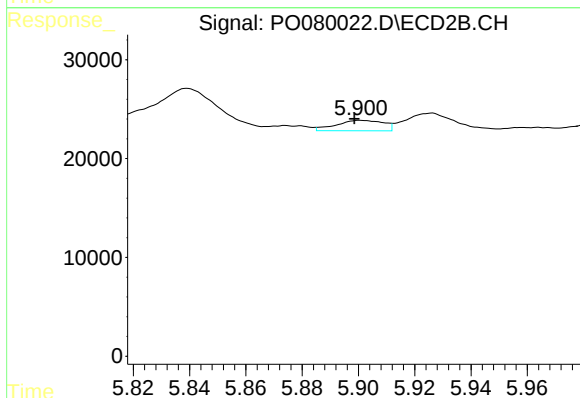
R.T.: 5.726 min
Delta R.T.: 0.015 min
Response: 23049
Conc: 27.77 ng/ml



#24 AR-1248-4

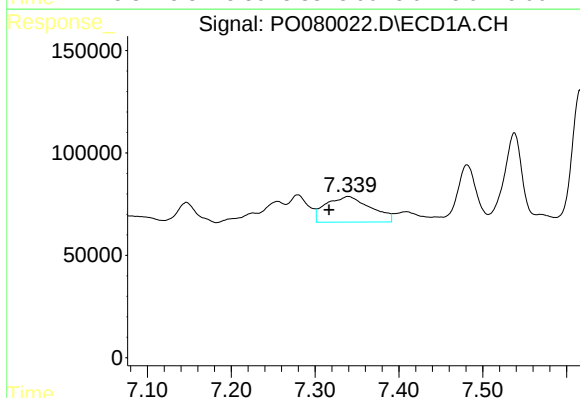
R.T.: 7.279 min
Delta R.T.: 0.002 min
Response: 217784
Conc: 93.03 ng/ml

Instrument :
ECD_O
ClientSampleId :



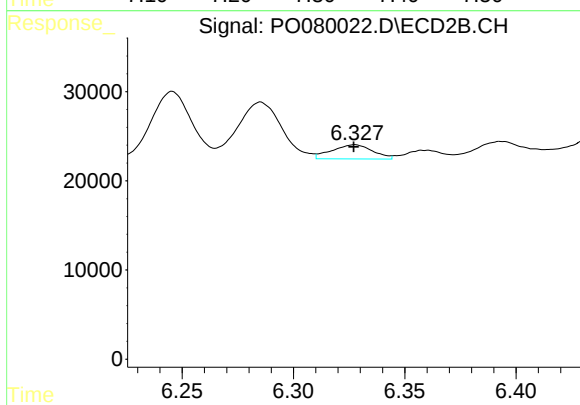
#24 AR-1248-4

R.T.: 5.901 min
Delta R.T.: 0.002 min
Response: 12369
Conc: 13.09 ng/ml



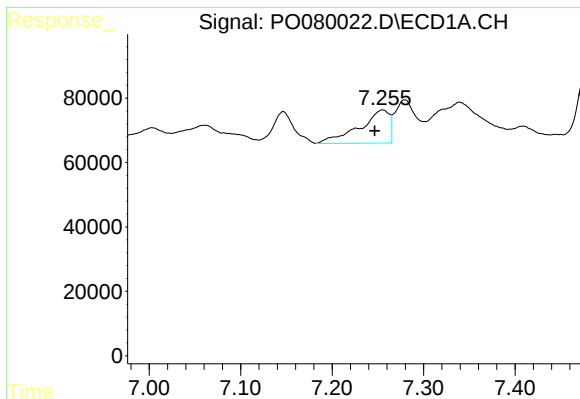
#25 AR-1248-5

R.T.: 7.339 min
Delta R.T.: 0.023 min
Response: 463098
Conc: 203.65 ng/ml



#25 AR-1248-5

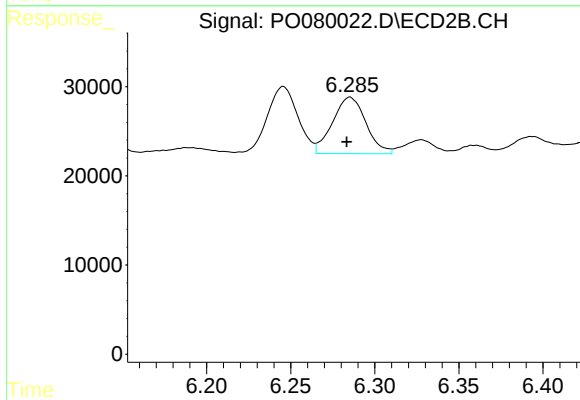
R.T.: 6.328 min
Delta R.T.: 0.000 min
Response: 20435
Conc: 22.29 ng/ml



#26 AR-1254-1

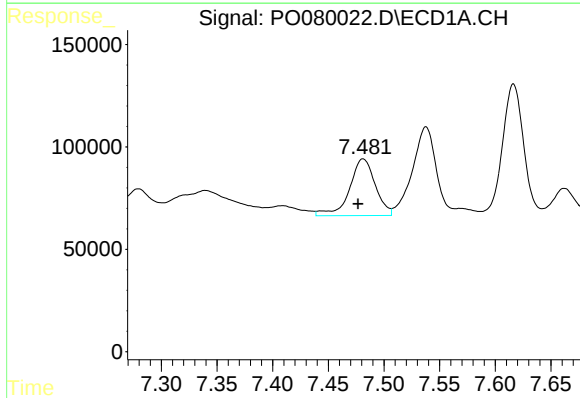
R.T.: 7.255 min
Delta R.T.: 0.009 min
Response: 234367
Conc: 107.29 ng/ml

Instrument :
ECD_O
ClientSampleId :



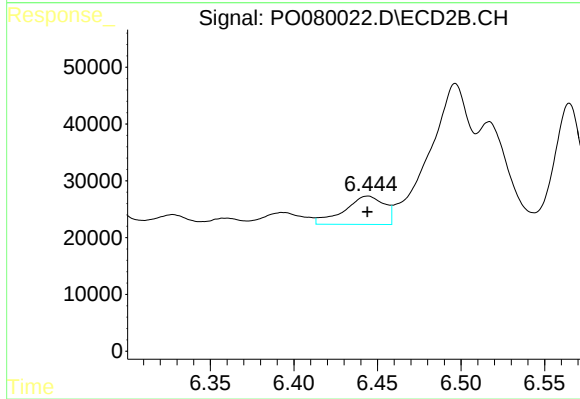
#26 AR-1254-1

R.T.: 6.285 min
Delta R.T.: 0.002 min
Response: 87492
Conc: 64.52 ng/ml



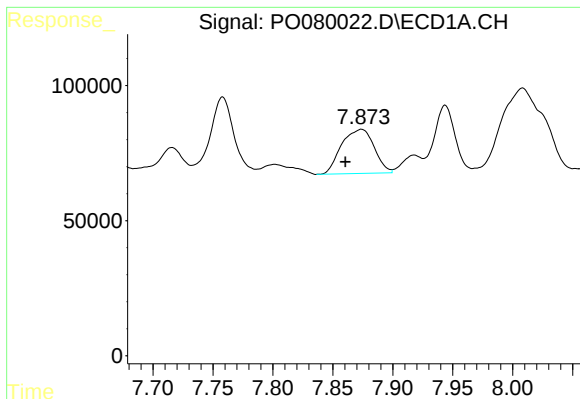
#27 AR-1254-2

R.T.: 7.481 min
Delta R.T.: 0.004 min
Response: 446120
Conc: 135.86 ng/ml



#27 AR-1254-2

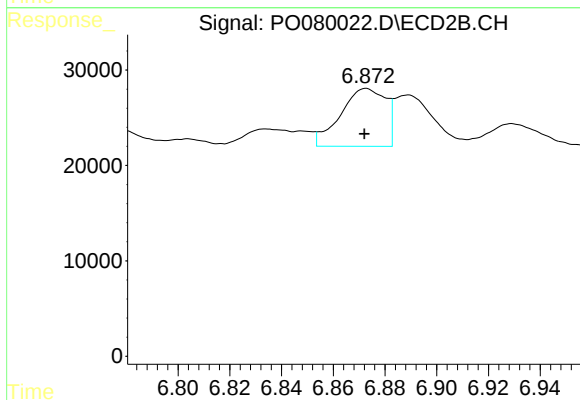
R.T.: 6.444 min
Delta R.T.: 0.000 min
Response: 82934
Conc: 69.17 ng/ml



#28 AR-1254-3

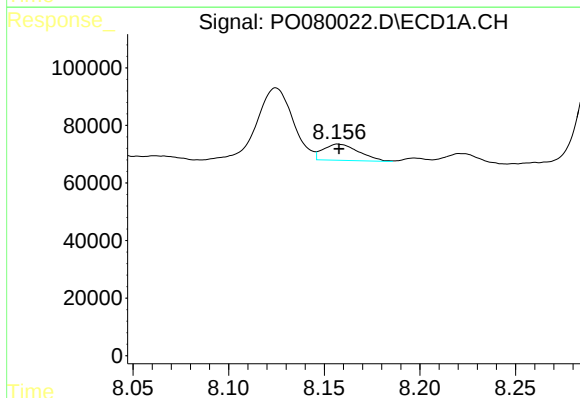
R.T.: 7.874 min
Delta R.T.: 0.013 min
Response: 309751
Conc: 89.96 ng/ml

Instrument :
ECD_O
ClientSampleId :



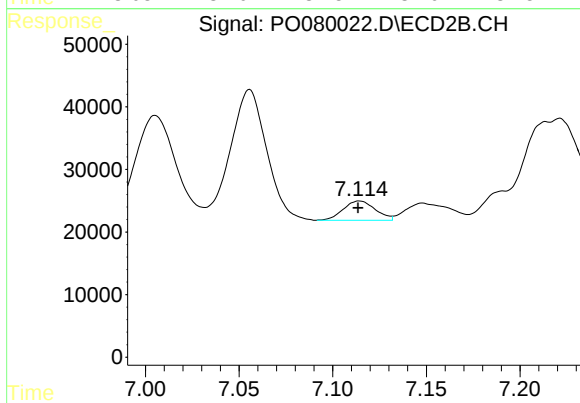
#28 AR-1254-3

R.T.: 6.873 min
Delta R.T.: 0.000 min
Response: 73789
Conc: 39.44 ng/ml



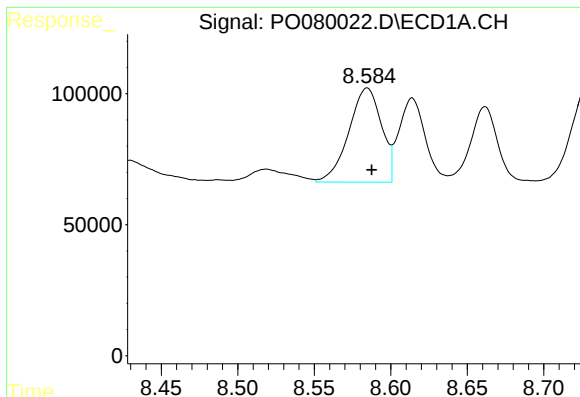
#29 AR-1254-4

R.T.: 8.157 min
Delta R.T.: 0.000 min
Response: 73323
Conc: 28.83 ng/ml



#29 AR-1254-4

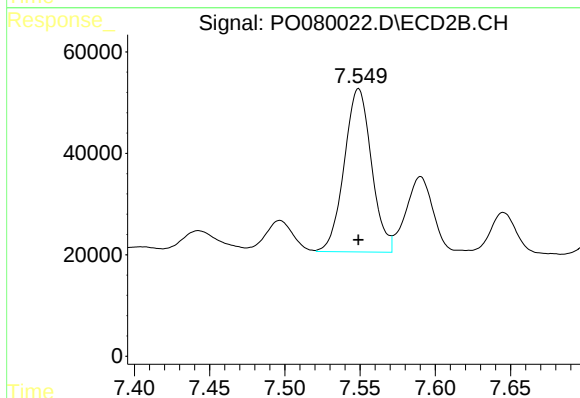
R.T.: 7.114 min
Delta R.T.: 0.000 min
Response: 36707
Conc: 31.01 ng/ml



#30 AR-1254-5

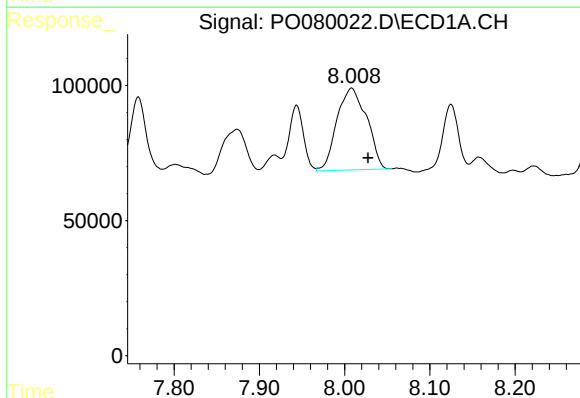
R.T.: 8.585 min
Delta R.T.: -0.003 min
Response: 534430
Conc: 200.96 ng/ml

Instrument :
ECD_O
ClientSampleId :



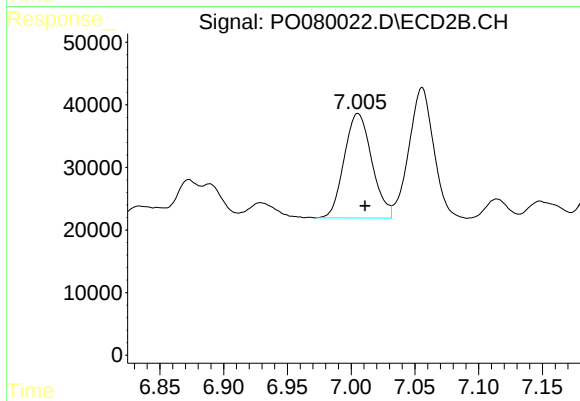
#30 AR-1254-5

R.T.: 7.549 min
Delta R.T.: 0.000 min
Response: 406352
Conc: 253.67 ng/ml



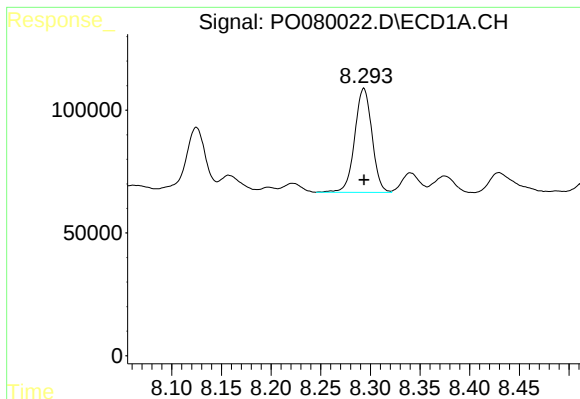
#31 AR-1260-1

R.T.: 8.008 min
Delta R.T.: -0.019 min
Response: 737124
Conc: 300.44 ng/ml



#31 AR-1260-1

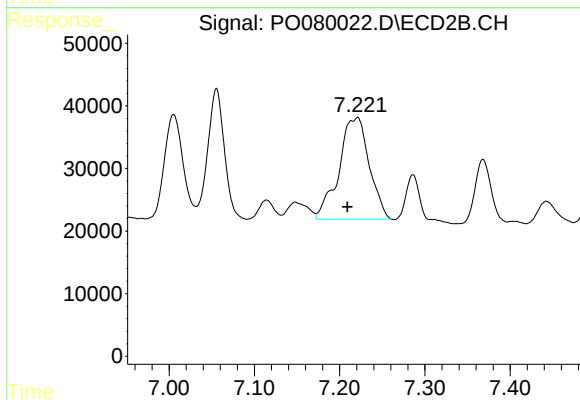
R.T.: 7.005 min
Delta R.T.: -0.005 min
Response: 252302
Conc: 194.92 ng/ml



#32 AR-1260-2

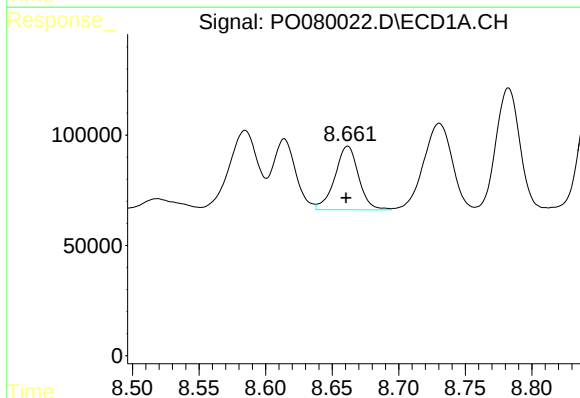
R.T.: 8.293 min
Delta R.T.: 0.000 min
Response: 513143
Conc: 166.98 ng/ml

Instrument :
ECD_O
ClientSampleId :



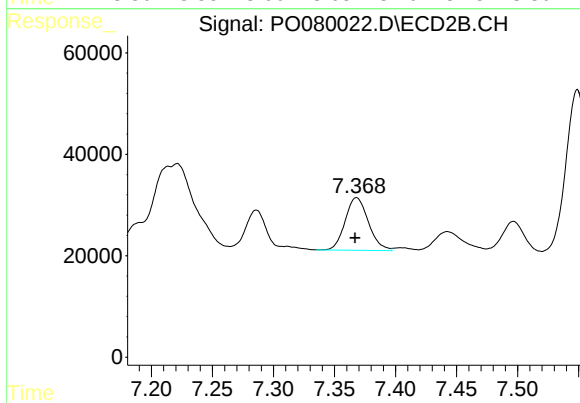
#32 AR-1260-2

R.T.: 7.221 min
Delta R.T.: 0.012 min
Response: 400240
Conc: 261.64 ng/ml



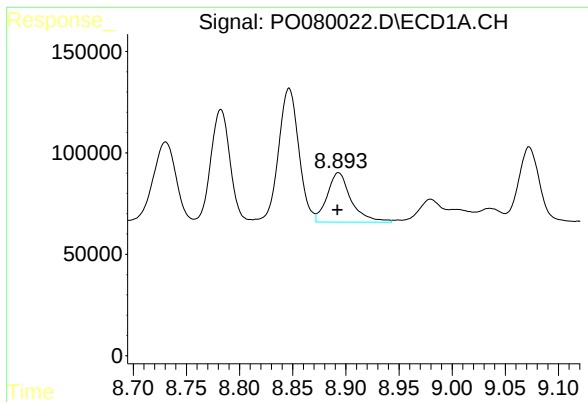
#33 AR-1260-3

R.T.: 8.662 min
Delta R.T.: 0.001 min
Response: 359071
Conc: 161.94 ng/ml



#33 AR-1260-3

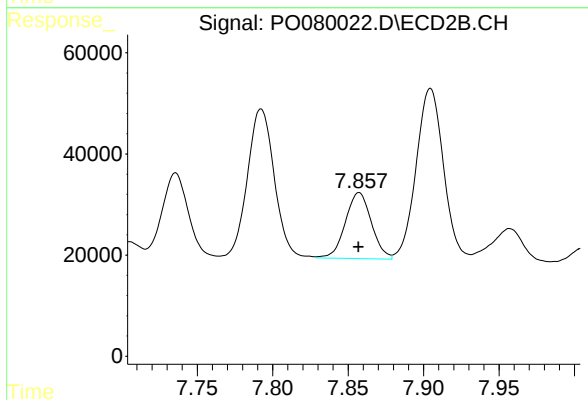
R.T.: 7.368 min
Delta R.T.: 0.001 min
Response: 137410
Conc: 94.11 ng/ml



#34 AR-1260-4

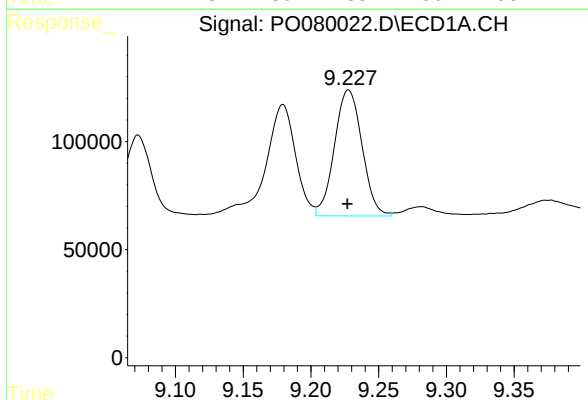
R.T.: 8.893 min
Delta R.T.: 0.000 min
Response: 380505
Conc: 148.23 ng/ml

Instrument :
ECD_O
ClientSampleId :



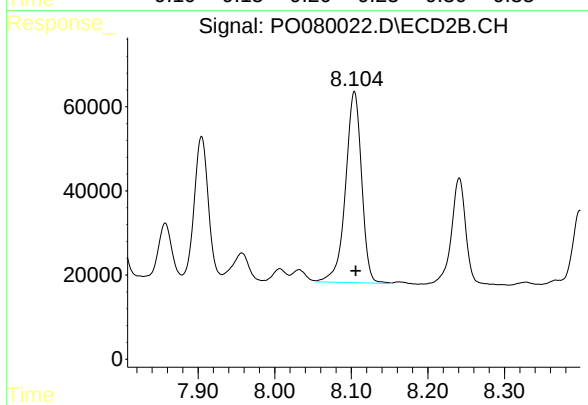
#34 AR-1260-4

R.T.: 7.857 min
Delta R.T.: 0.000 min
Response: 156660
Conc: 132.21 ng/ml



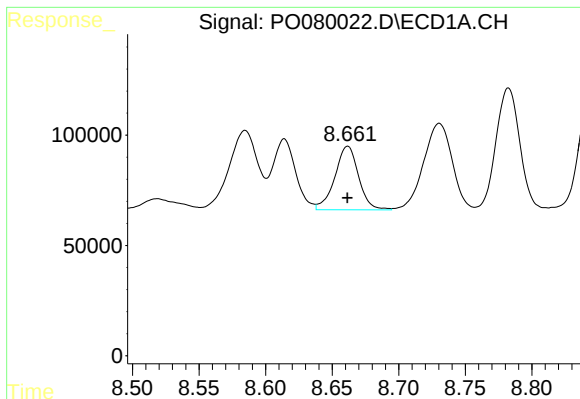
#35 AR-1260-5

R.T.: 9.228 min
Delta R.T.: 0.000 min
Response: 827867
Conc: 161.92 ng/ml



#35 AR-1260-5

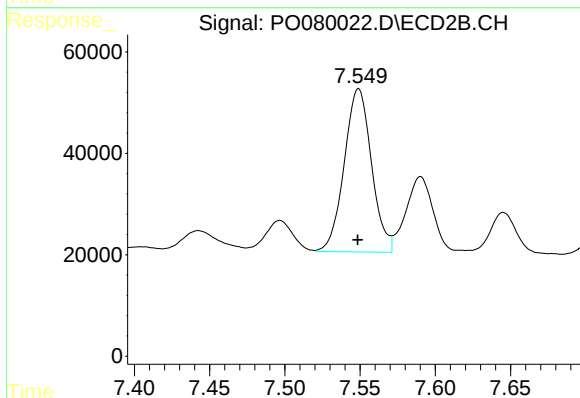
R.T.: 8.104 min
Delta R.T.: -0.002 min
Response: 667212
Conc: 252.57 ng/ml



#36 AR-1262-1

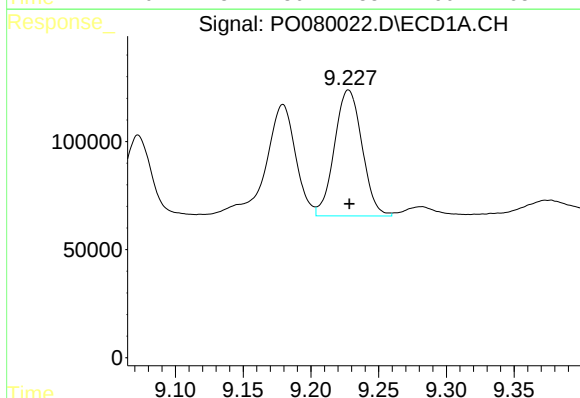
R.T.: 8.662 min
Delta R.T.: 0.000 min
Response: 359071
Conc: 112.29 ng/ml

Instrument :
ECD_O
ClientSampleId :



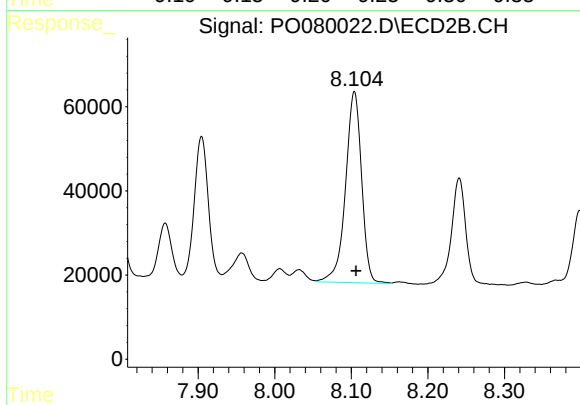
#36 AR-1262-1

R.T.: 7.549 min
Delta R.T.: 0.000 min
Response: 406352
Conc: 482.75 ng/ml



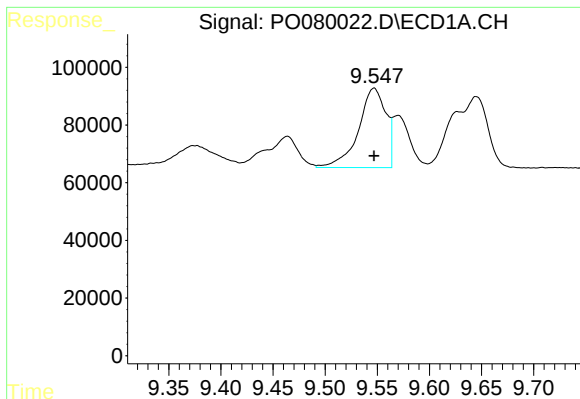
#37 AR-1262-2

R.T.: 9.228 min
Delta R.T.: 0.000 min
Response: 827867
Conc: 152.86 ng/ml



#37 AR-1262-2

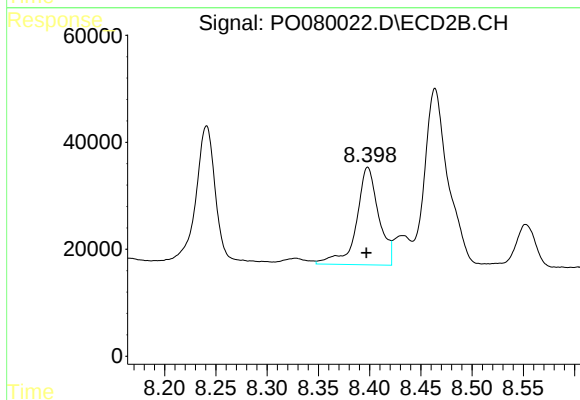
R.T.: 8.104 min
Delta R.T.: -0.002 min
Response: 667212
Conc: 248.49 ng/ml



#38 AR-1262-3

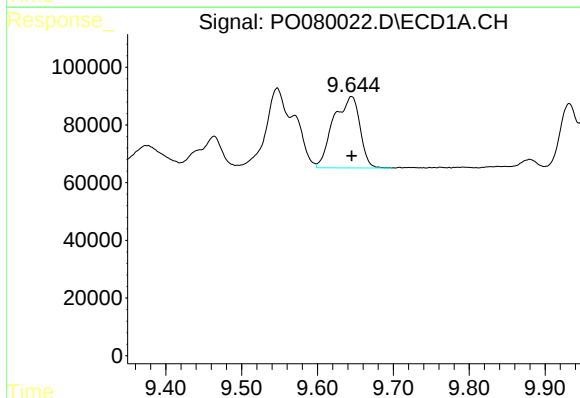
R.T.: 9.547 min
Delta R.T.: 0.000 min
Response: 504310
Conc: 133.34 ng/ml

Instrument :
ECD_O
ClientSampleId :



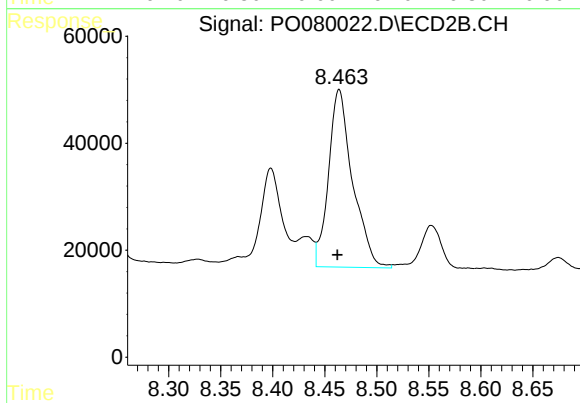
#38 AR-1262-3

R.T.: 8.398 min
Delta R.T.: 0.001 min
Response: 275911
Conc: 248.42 ng/ml



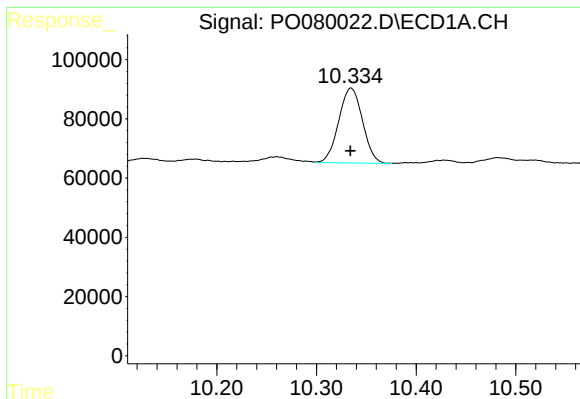
#39 AR-1262-4

R.T.: 9.645 min
Delta R.T.: 0.000 min
Response: 597538
Conc: 211.47 ng/ml



#39 AR-1262-4

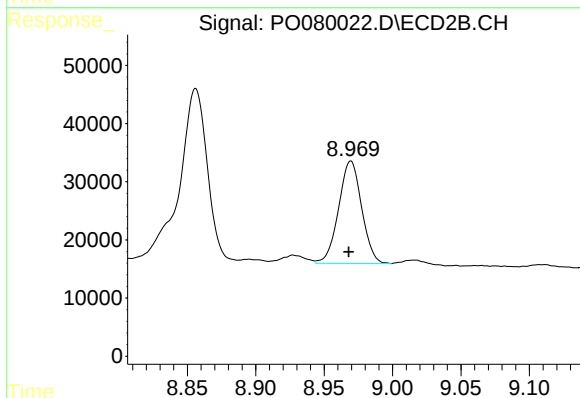
R.T.: 8.464 min
Delta R.T.: 0.002 min
Response: 534487
Conc: 267.32 ng/ml



#40 AR-1262-5

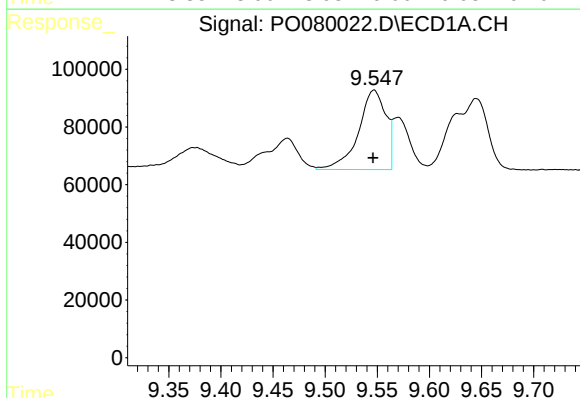
R.T.: 10.335 min
Delta R.T.: 0.000 min
Response: 418810
Conc: 220.25 ng/ml

Instrument :
ECD_O
ClientSampleId :



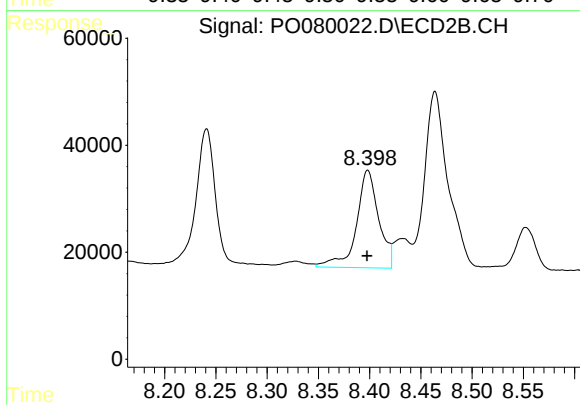
#40 AR-1262-5

R.T.: 8.970 min
Delta R.T.: 0.002 min
Response: 206313
Conc: 211.50 ng/ml



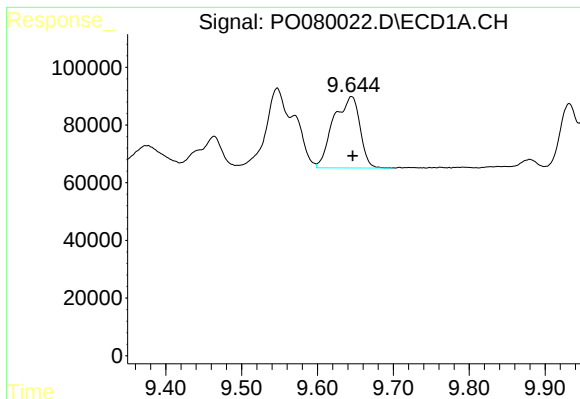
#41 AR-1268-1

R.T.: 9.547 min
Delta R.T.: 0.000 min
Response: 504310
Conc: 77.90 ng/ml



#41 AR-1268-1

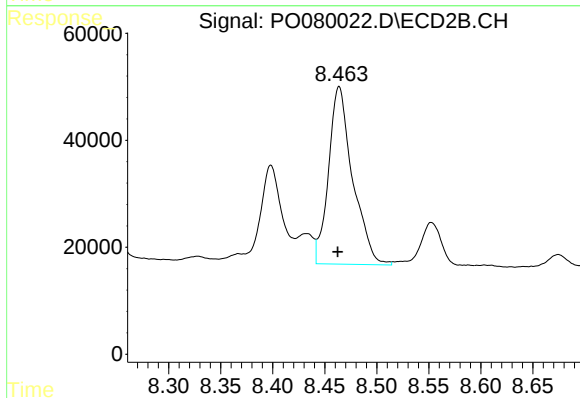
R.T.: 8.398 min
Delta R.T.: 0.000 min
Response: 275911
Conc: 90.81 ng/ml



#42 AR-1268-2

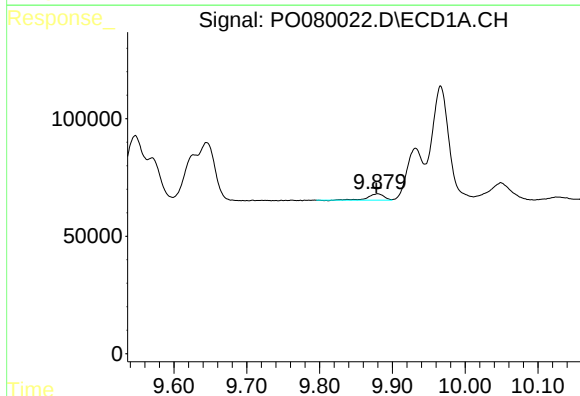
R.T.: 9.645 min
Delta R.T.: -0.001 min
Response: 597538
Conc: 100.42 ng/ml

Instrument :
ECD_O
ClientSampleId :



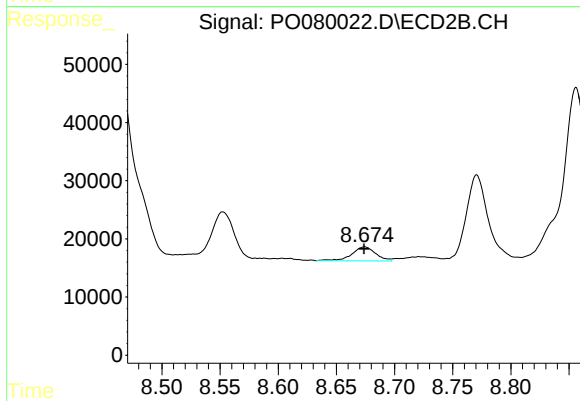
#42 AR-1268-2

R.T.: 8.464 min
Delta R.T.: 0.001 min
Response: 534487
Conc: 196.43 ng/ml



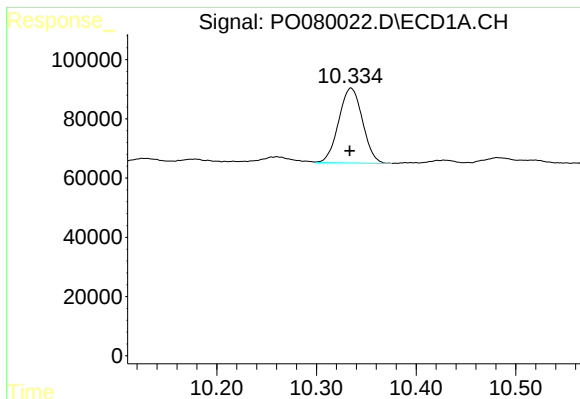
#43 AR-1268-3

R.T.: 9.880 min
Delta R.T.: 0.002 min
Response: 41306
Conc: 8.22 ng/ml



#43 AR-1268-3

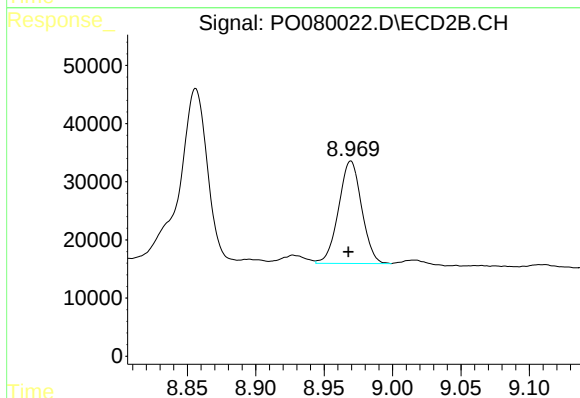
R.T.: 8.674 min
Delta R.T.: 0.000 min
Response: 34006
Conc: 14.67 ng/ml



#44 AR-1268-4

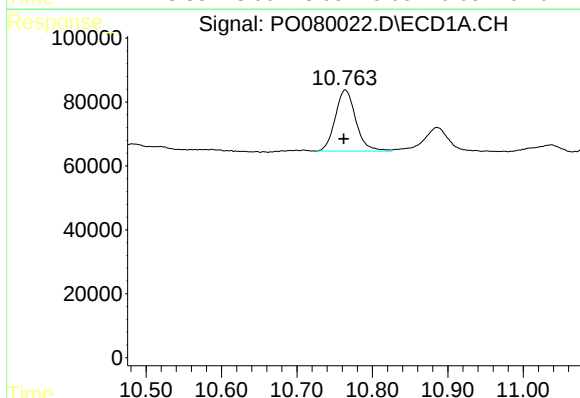
R.T.: 10.335 min
Delta R.T.: 0.001 min
Response: 418810
Conc: 182.28 ng/ml

Instrument :
ECD_O
ClientSampleId :



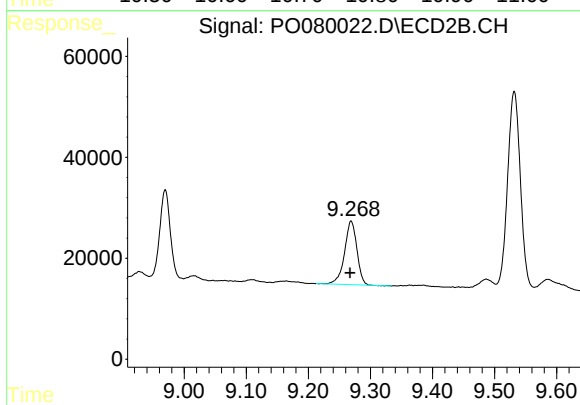
#44 AR-1268-4

R.T.: 8.970 min
Delta R.T.: 0.002 min
Response: 206313
Conc: 192.70 ng/ml



#45 AR-1268-5

R.T.: 10.764 min
Delta R.T.: 0.002 min
Response: 362928
Conc: 21.77 ng/ml



#45 AR-1268-5

R.T.: 9.269 min
Delta R.T.: 0.002 min
Response: 174736
Conc: 25.16 ng/ml