

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102621\
 Data File : PO082190.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 26 Oct 2021 20:11
 Operator : AJ\MA
 Sample : M4356-01
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 27 02:33:25 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101821.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Oct 19 04:37:47 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...	4.980	3.973	2001760	729129	24.773	24.713
2)	SA Decachlor...	11.105	9.301	1265793	595579	22.775	23.383
Target Compounds							
3)	L1 AR-1016-1	6.327	5.258	166969	109202	65.967	90.080 #
4)	L1 AR-1016-2	6.327	5.258	166969	109202	46.213	66.004 #
5)	L1 AR-1016-3	6.409	5.439	39716	33864	18.630	38.050 #
6)	L1 AR-1016-4	0.000	5.505	0	181741	N.D.	250.166 #
7)	L1 AR-1016-5	0.000	5.734	0	1207301	N.D.	1354.885 #
8)	L2 AR-1221-1	5.234	0.000	198502	0	229.693	N.D. #
9)	L2 AR-1221-2	5.336	0.000	23508	0	36.582	N.D. #
12)	L3 AR-1232-2	0.000	5.258	0	109202	N.D.	152.848 #
13)	L3 AR-1232-3	6.327	5.439	166969	33864	112.988	89.349
14)	L3 AR-1232-4	0.000	5.556	0	59721	N.D.	170.179 #
15)	L3 AR-1232-5	6.608	5.734	83791	1207301	165.136	3179.394 #
16)	L4 AR-1242-1	6.327	5.258f	166969	109202	87.956	119.300 #
17)	L4 AR-1242-2	6.327	5.258	166969	109202	62.210	88.992 #
18)	L4 AR-1242-3	6.409	5.439	39716	33864	24.555	50.334 #
19)	L4 AR-1242-4	0.000	5.556	0	59721	N.D.	88.966 #
20)	L4 AR-1242-5	7.324f	6.101	3520583	3160420	2768.012	3678.132 #
21)	L5 AR-1248-1	6.327	5.258	166969	109202	112.198	149.490 #
22)	L5 AR-1248-2	6.608	5.505	83791	181741	43.091	188.993 #
23)	L5 AR-1248-3	0.000	5.556	0	59721	N.D.	60.597 #
24)	L5 AR-1248-4	7.268	5.734	12744826	1207301	5401.952	1050.319 #
25)	L5 AR-1248-5	7.324f	6.158	3520583	880630	1579.811	810.582 #
26)	L6 AR-1254-1	7.208f	6.101	605604	3160420	252.873	1897.743 #
27)	L6 AR-1254-2	7.475	6.288	2157882	177880	591.579	119.144 #
28)	L6 AR-1254-3	7.853	6.700	1090013	268091	301.207	119.721 #
29)	L6 AR-1254-4	8.123f	6.939	1184045	342866	439.385	233.447 #
30)	L6 AR-1254-5	8.581	7.366	390899	357501	134.216	173.603 #
31)	L7 AR-1260-1	8.021	6.848	268060	441877	94.978	266.938 #
32)	L7 AR-1260-2	8.280	7.058f	1852308	1343206	556.797	669.650
33)	L7 AR-1260-3	8.637f	7.183	702408	14327	311.634	7.563 #
34)	L7 AR-1260-4	8.894	7.665	126871	145244	47.924	105.967 #
35)	L7 AR-1260-5	9.220	7.919	125392	59205	22.888	17.918
36)	L8 AR-1262-1	8.637	7.366	702408	357501	205.339	324.087 #
37)	L8 AR-1262-2	9.220	7.919	125392	59205	19.968	16.572
38)	L8 AR-1262-3	9.544	0.000	258155	0	93.867	N.D. #
39)	L8 AR-1262-4	0.000	8.266	0	63432	N.D.	23.833 #
40)	L8 AR-1262-5	10.352f	0.000	143468	0	62.957	N.D. #
41)	L9 AR-1268-1	9.544	0.000	258155	0	34.559	N.D. #
42)	L9 AR-1268-2	0.000	8.266	0	63432	N.D.	16.698 #
44)	L9 AR-1268-4	10.352f	0.000	143468	0	56.694	N.D. #

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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	0.000	9.056	0	23579	N.D.	2.436 #

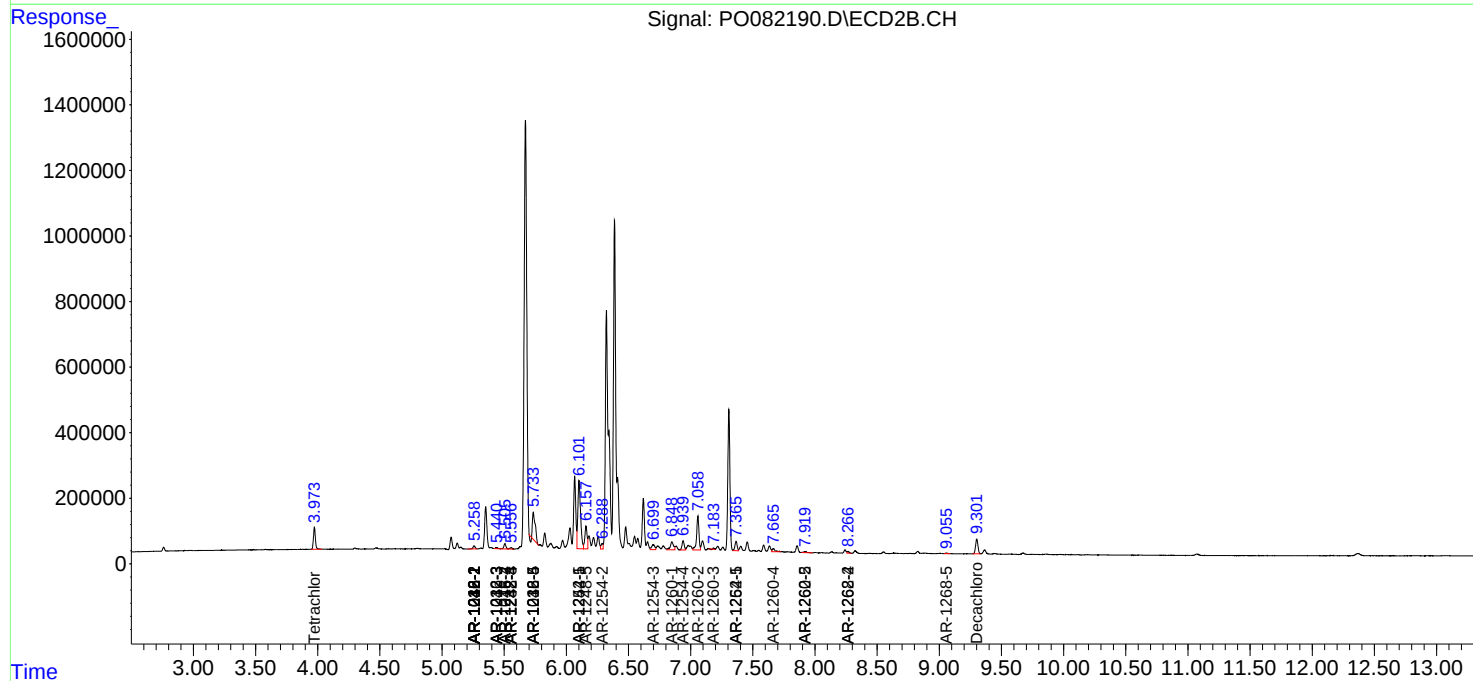
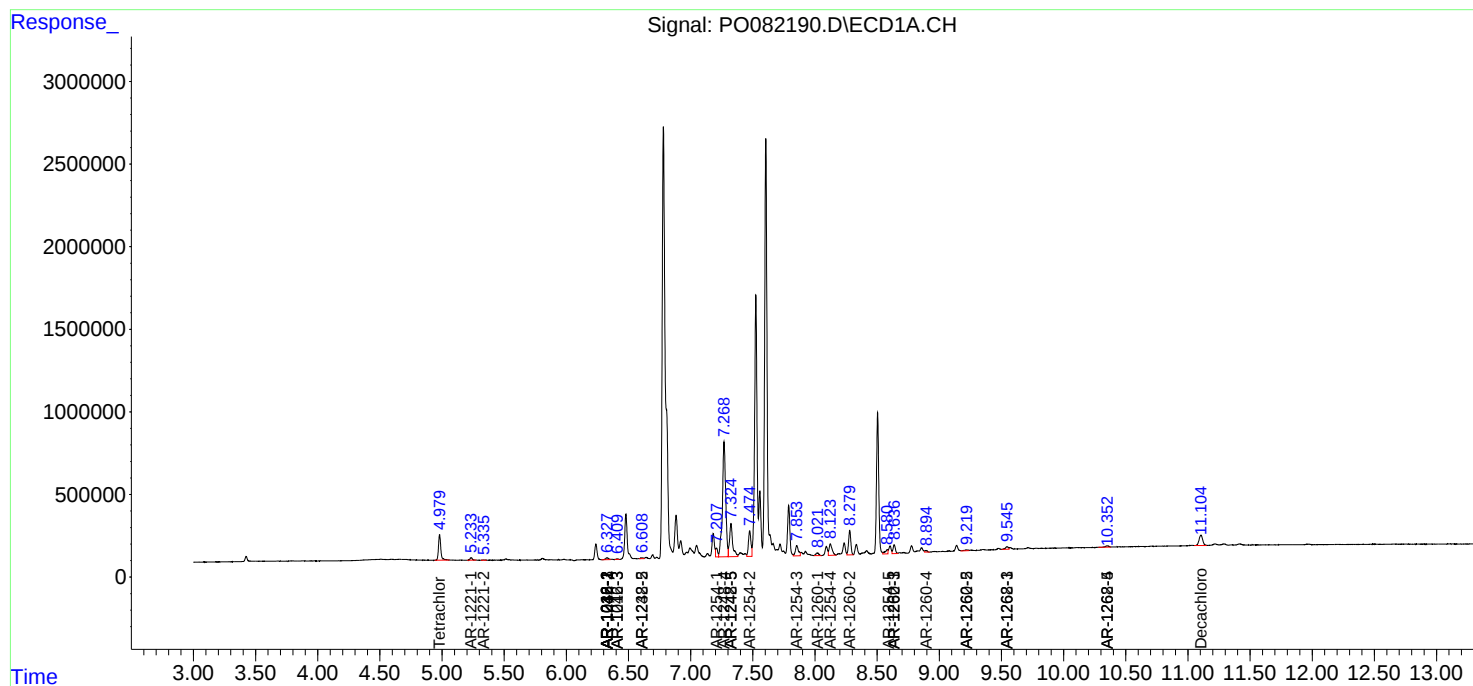
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

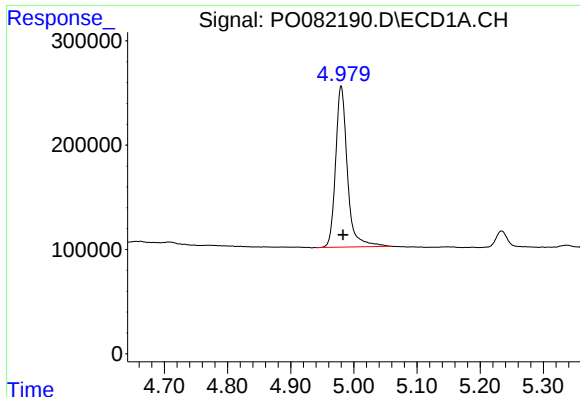
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102621\
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Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

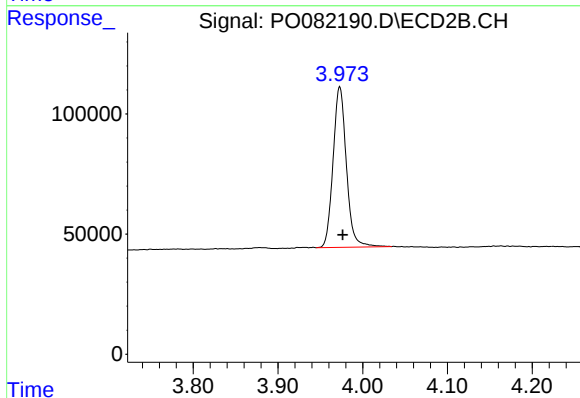




#1 Tetrachloro-m-xylene

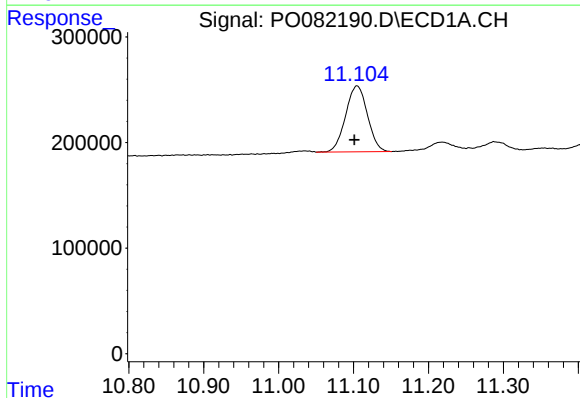
R.T.: 4.980 min
Delta R.T.: -0.003 min
Response: 2001760
Conc: 24.77 ng/ml

Instrument :
ECD_O
ClientSampleId :



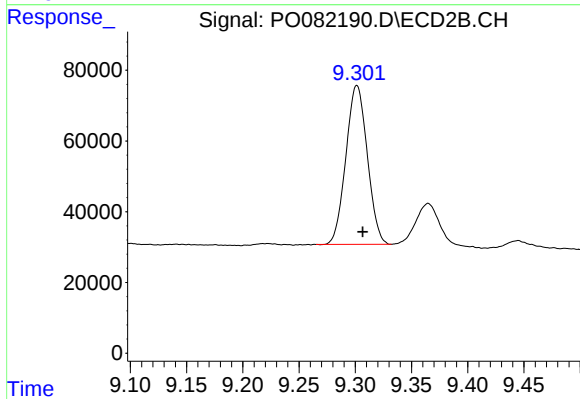
#1 Tetrachloro-m-xylene

R.T.: 3.973 min
Delta R.T.: -0.004 min
Response: 729129
Conc: 24.71 ng/ml



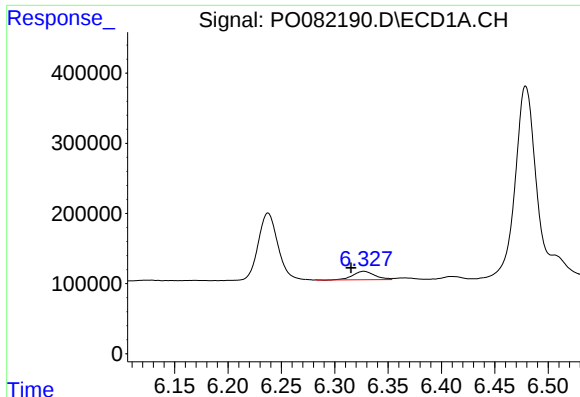
#2 Decachlorobiphenyl

R.T.: 11.105 min
Delta R.T.: 0.004 min
Response: 1265793
Conc: 22.77 ng/ml



#2 Decachlorobiphenyl

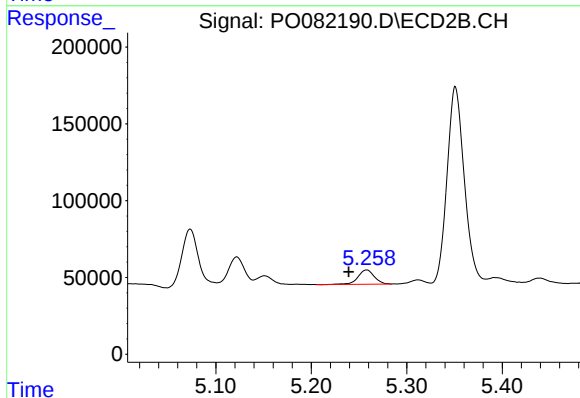
R.T.: 9.301 min
Delta R.T.: -0.005 min
Response: 595579
Conc: 23.38 ng/ml



#3 AR-1016-1

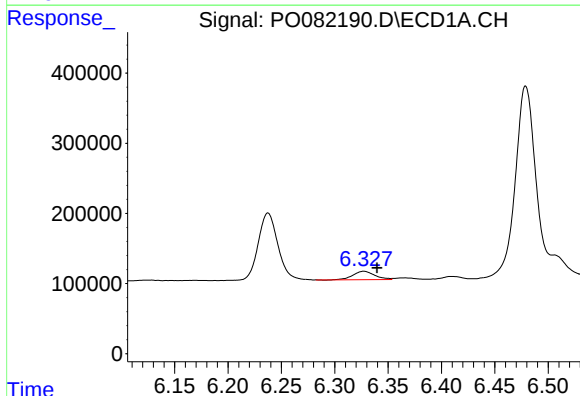
R.T.: 6.327 min
Delta R.T.: 0.012 min
Response: 166969
Conc: 65.97 ng/ml

Instrument :
ECD_O
ClientSampleId :



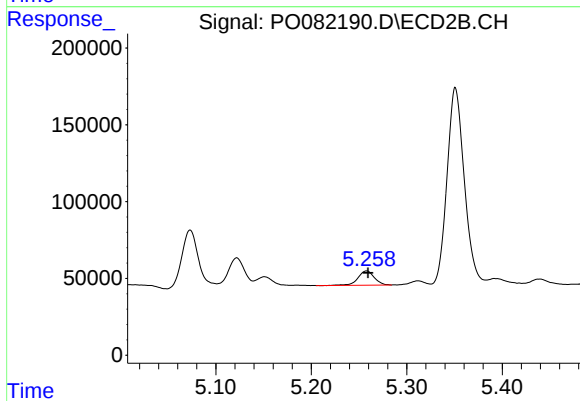
#3 AR-1016-1

R.T.: 5.258 min
Delta R.T.: 0.019 min
Response: 109202
Conc: 90.08 ng/ml



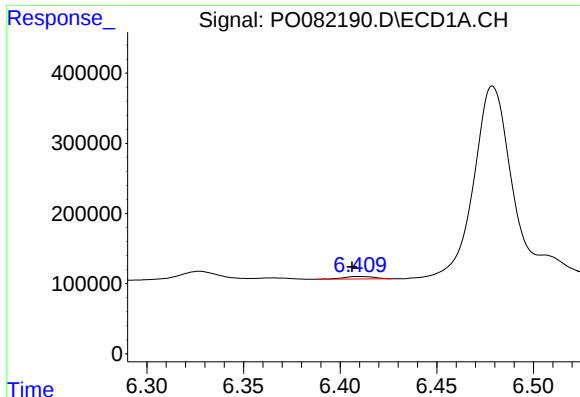
#4 AR-1016-2

R.T.: 6.327 min
Delta R.T.: -0.012 min
Response: 166969
Conc: 46.21 ng/ml



#4 AR-1016-2

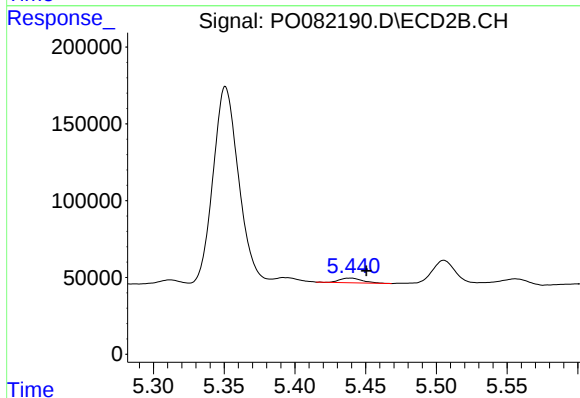
R.T.: 5.258 min
Delta R.T.: -0.001 min
Response: 109202
Conc: 66.00 ng/ml



#5 AR-1016-3

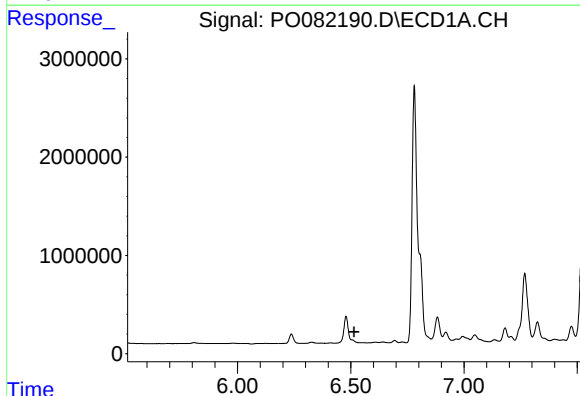
R.T.: 6.409 min
Delta R.T.: 0.003 min
Response: 39716
Conc: 18.63 ng/ml

Instrument :
ECD_O
ClientSampleId :



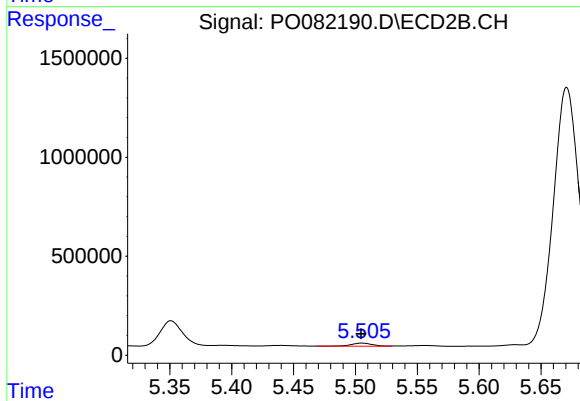
#5 AR-1016-3

R.T.: 5.439 min
Delta R.T.: -0.011 min
Response: 33864
Conc: 38.05 ng/ml



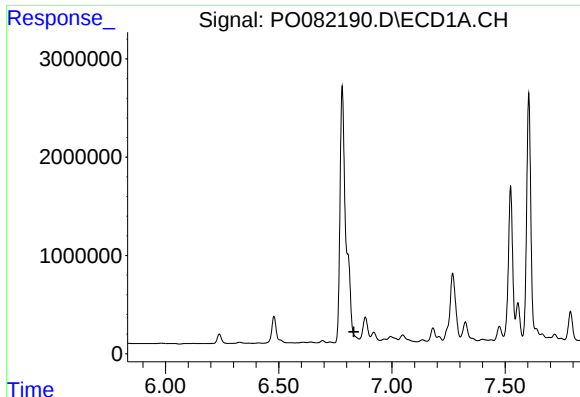
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 6.514 min
Response: 0
Conc: N.D.



#6 AR-1016-4

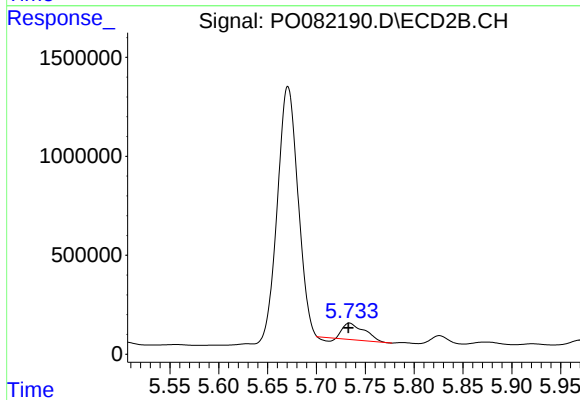
R.T.: 5.505 min
Delta R.T.: 0.000 min
Response: 181741
Conc: 250.17 ng/ml



#7 AR-1016-5

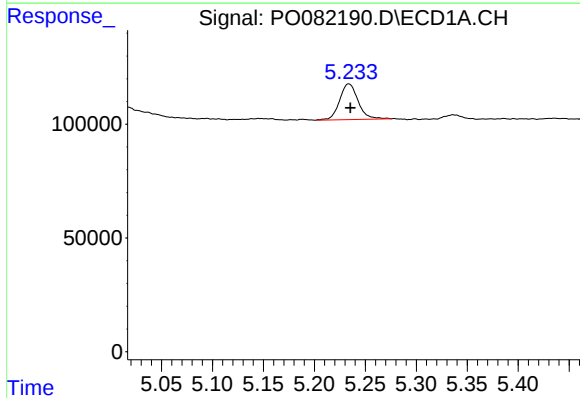
R.T.: 0.000 min
Exp R.T.: 6.832 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



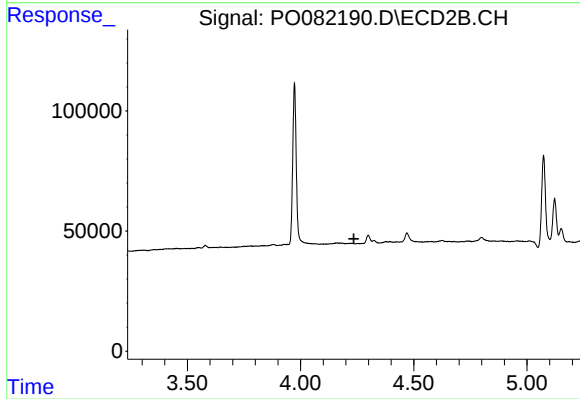
#7 AR-1016-5

R.T.: 5.734 min
Delta R.T.: 0.001 min
Response: 1207301
Conc: 1354.88 ng/ml



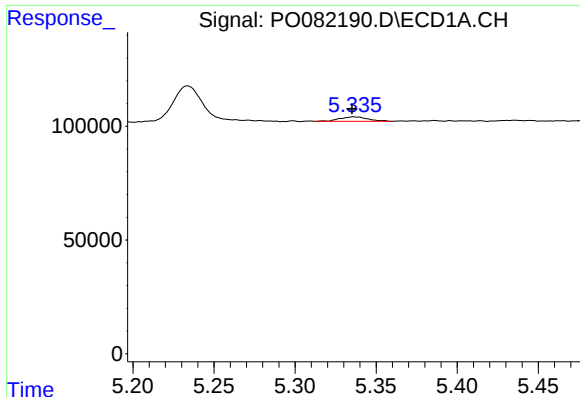
#8 AR-1221-1

R.T.: 5.234 min
Delta R.T.: -0.002 min
Response: 198502
Conc: 229.69 ng/ml



#8 AR-1221-1

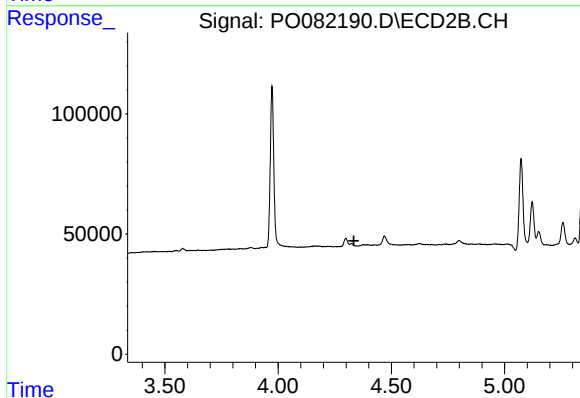
R.T.: 0.000 min
Exp R.T.: 4.236 min
Response: 0
Conc: N.D.



#9 AR-1221-2

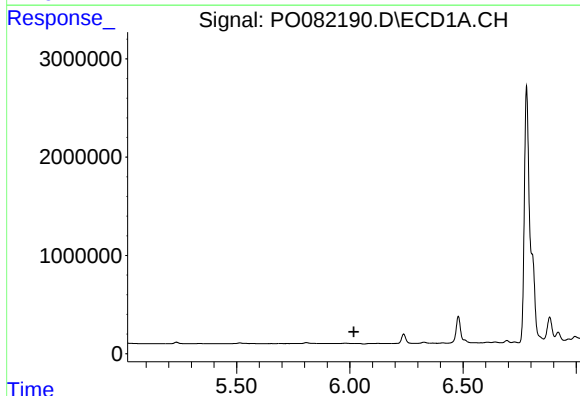
R.T.: 5.336 min
Delta R.T.: 0.000 min
Response: 23508
Conc: 36.58 ng/ml

Instrument :
ECD_O
ClientSampleId :



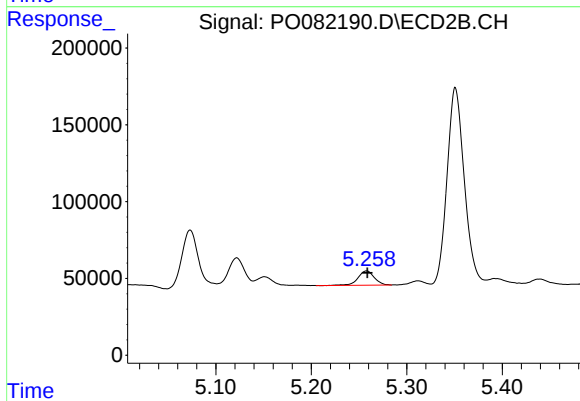
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T. : 4.335 min
Response: 0
Conc: N.D.



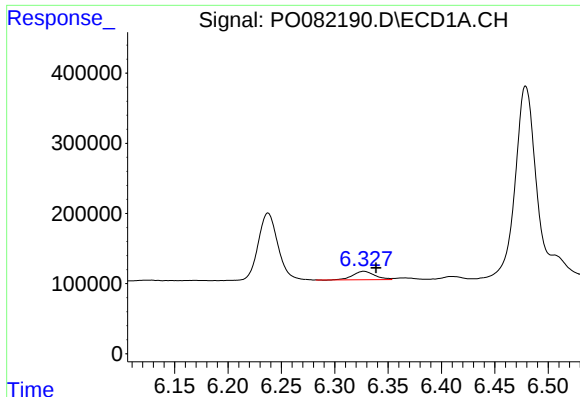
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 6.018 min
Response: 0
Conc: N.D.



#12 AR-1232-2

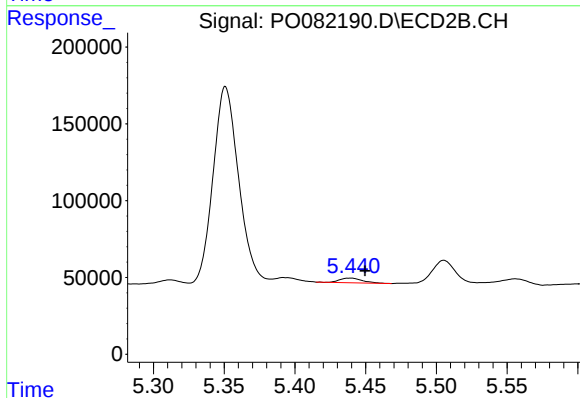
R.T.: 5.258 min
Delta R.T.: 0.000 min
Response: 109202
Conc: 152.85 ng/ml



#13 AR-1232-3

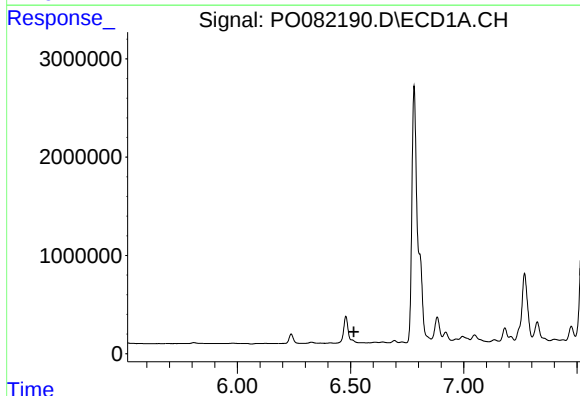
R.T.: 6.327 min
Delta R.T.: -0.011 min
Response: 166969
Conc: 112.99 ng/ml

Instrument :
ECD_O
ClientSampleId :



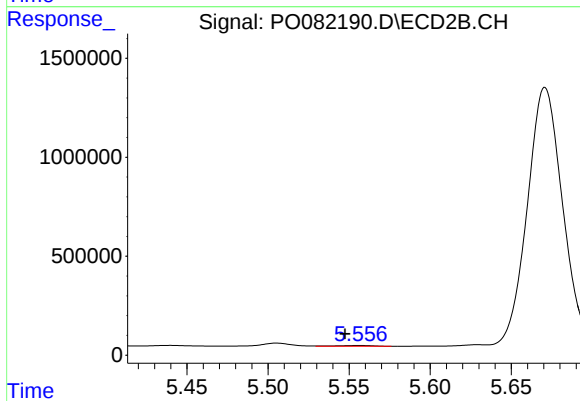
#13 AR-1232-3

R.T.: 5.439 min
Delta R.T.: -0.010 min
Response: 33864
Conc: 89.35 ng/ml



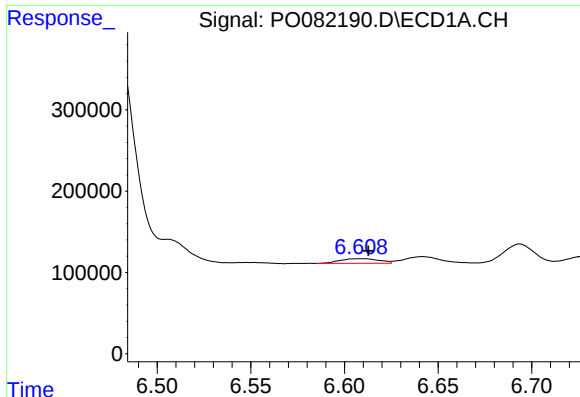
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 6.514 min
Response: 0
Conc: N.D.



#14 AR-1232-4

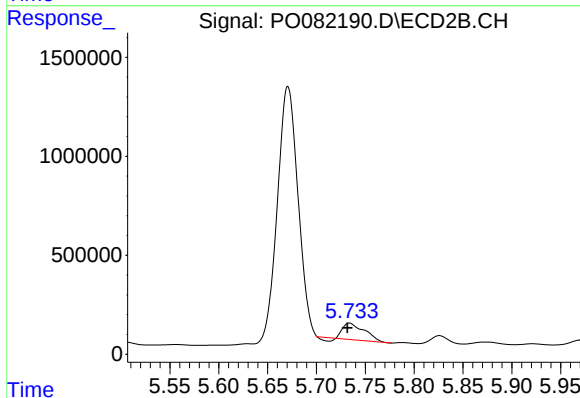
R.T.: 5.556 min
Delta R.T.: 0.008 min
Response: 59721
Conc: 170.18 ng/ml



#15 AR-1232-5

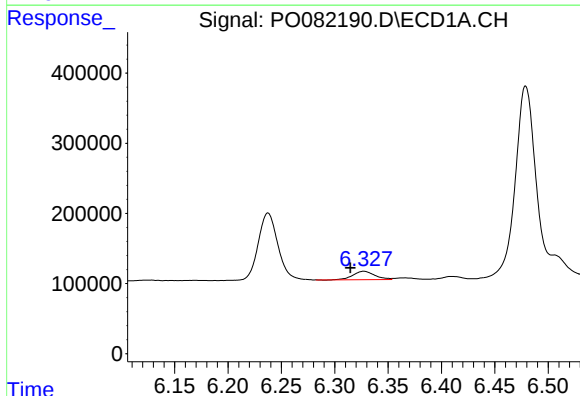
R.T.: 6.608 min
Delta R.T.: -0.004 min
Response: 83791
Conc: 165.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



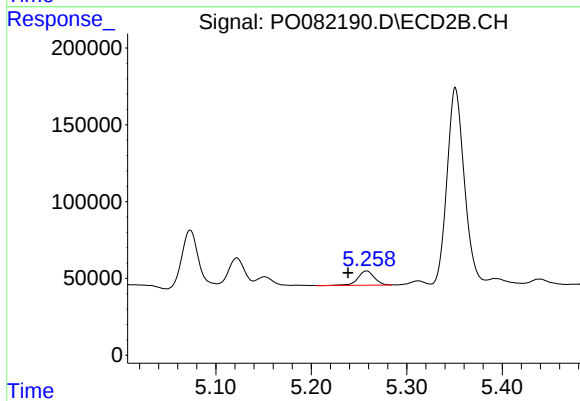
#15 AR-1232-5

R.T.: 5.734 min
Delta R.T.: 0.002 min
Response: 1207301
Conc: 3179.39 ng/ml



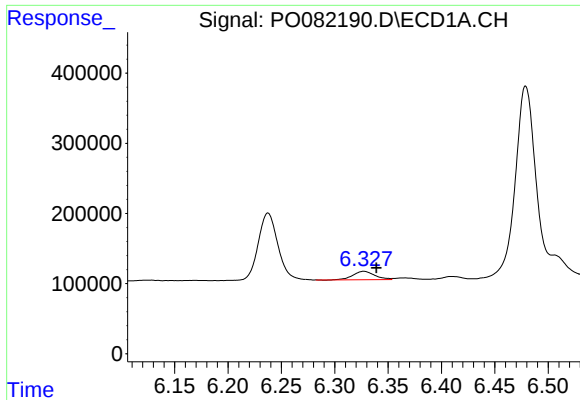
#16 AR-1242-1

R.T.: 6.327 min
Delta R.T.: 0.013 min
Response: 166969
Conc: 87.96 ng/ml



#16 AR-1242-1

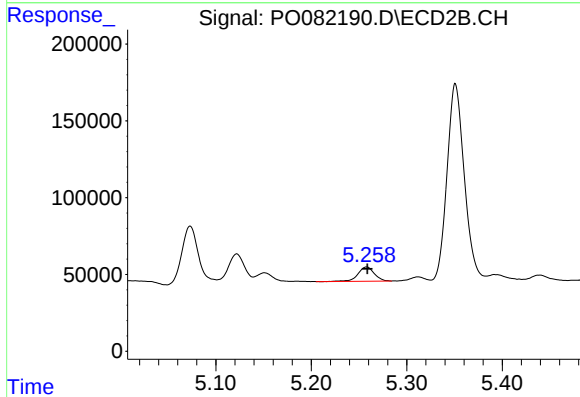
R.T.: 5.258 min
Delta R.T.: 0.020 min
Response: 109202
Conc: 119.30 ng/ml



#17 AR-1242-2

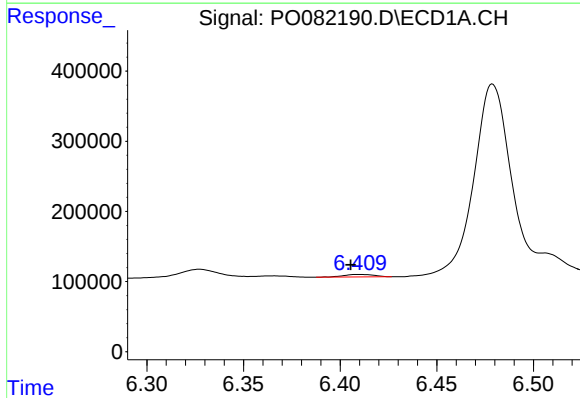
R.T.: 6.327 min
Delta R.T.: -0.012 min
Response: 166969
Conc: 62.21 ng/ml

Instrument :
ECD_O
ClientSampleId :



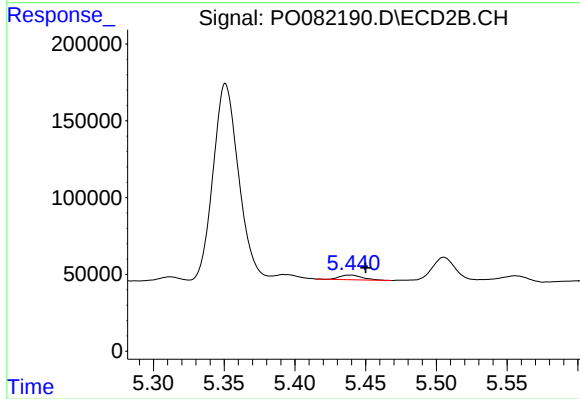
#17 AR-1242-2

R.T.: 5.258 min
Delta R.T.: 0.000 min
Response: 109202
Conc: 88.99 ng/ml



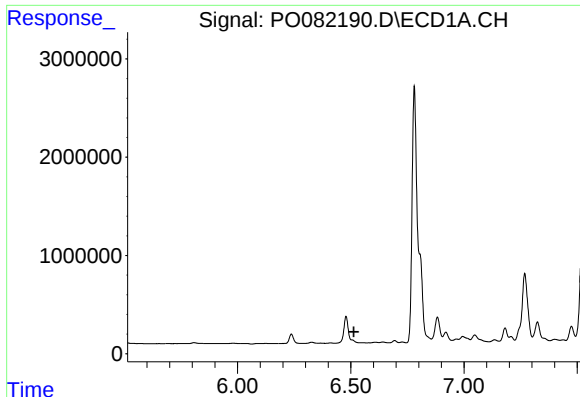
#18 AR-1242-3

R.T.: 6.409 min
Delta R.T.: 0.004 min
Response: 39716
Conc: 24.55 ng/ml



#18 AR-1242-3

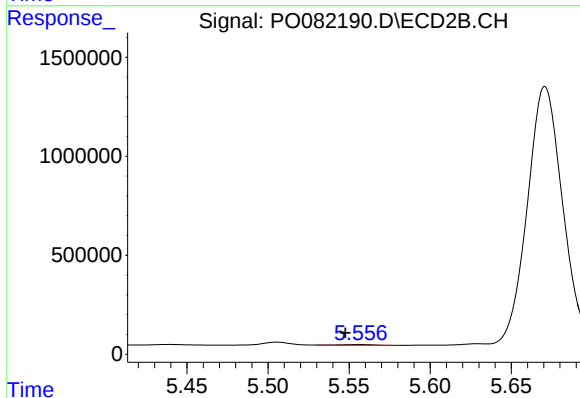
R.T.: 5.439 min
Delta R.T.: -0.011 min
Response: 33864
Conc: 50.33 ng/ml



#19 AR-1242-4

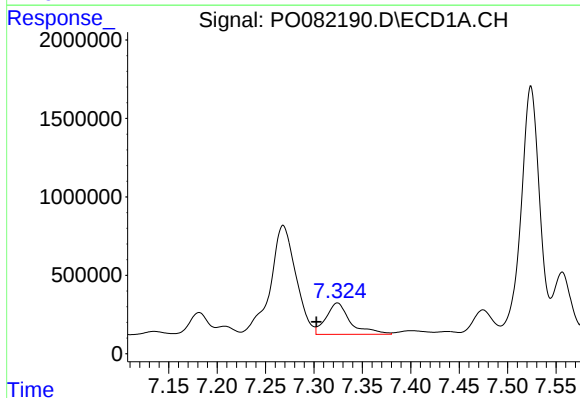
R.T.: 0.000 min
Exp R.T.: 6.514 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



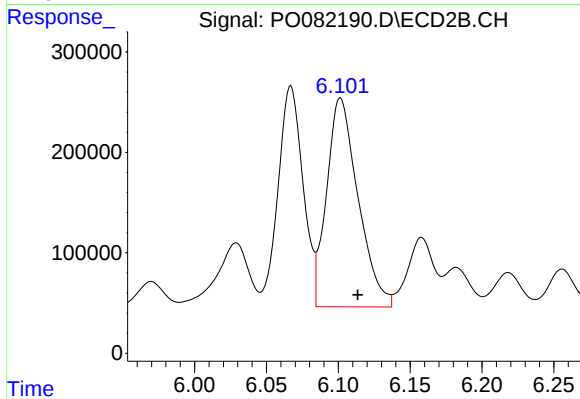
#19 AR-1242-4

R.T.: 5.556 min
Delta R.T.: 0.008 min
Response: 59721
Conc: 88.97 ng/ml



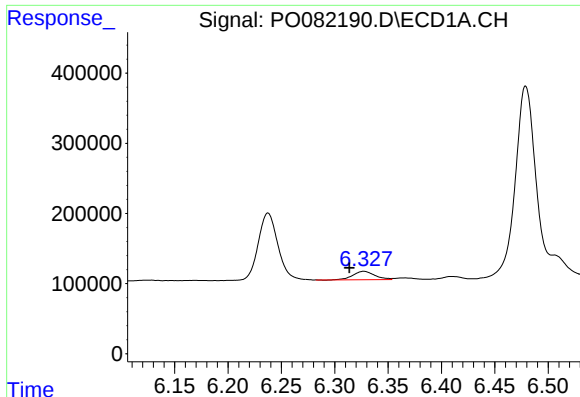
#20 AR-1242-5

R.T.: 7.324 min
Delta R.T.: 0.022 min
Response: 3520583
Conc: 2768.01 ng/ml



#20 AR-1242-5

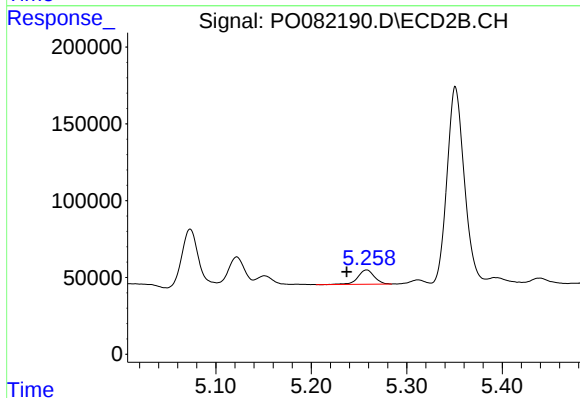
R.T.: 6.101 min
Delta R.T.: -0.012 min
Response: 3160420
Conc: 3678.13 ng/ml



#21 AR-1248-1

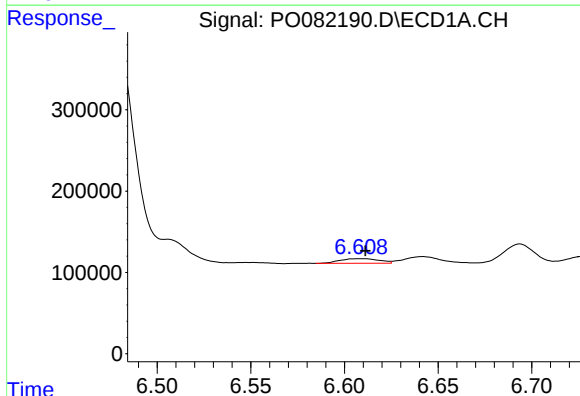
R.T.: 6.327 min
Delta R.T.: 0.014 min
Response: 166969
Conc: 112.20 ng/ml

Instrument :
ECD_O
ClientSampleId :



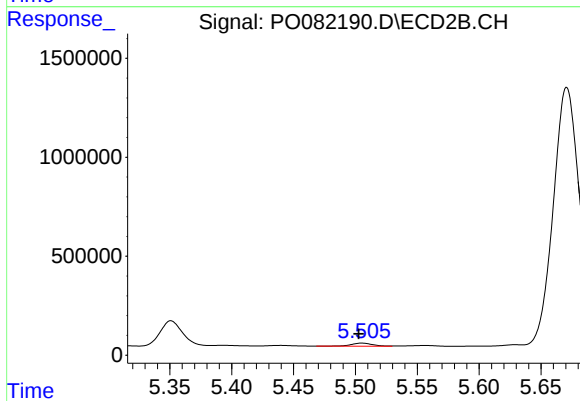
#21 AR-1248-1

R.T.: 5.258 min
Delta R.T.: 0.021 min
Response: 109202
Conc: 149.49 ng/ml



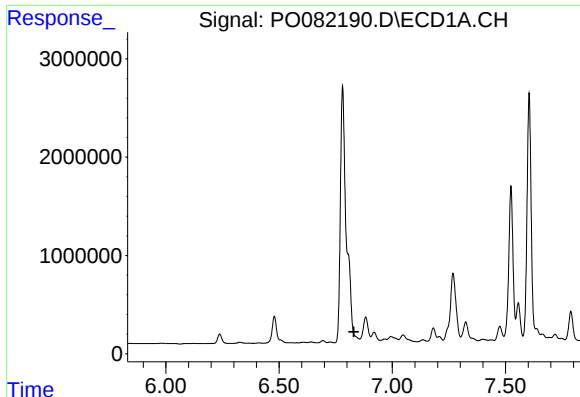
#22 AR-1248-2

R.T.: 6.608 min
Delta R.T.: -0.003 min
Response: 83791
Conc: 43.09 ng/ml



#22 AR-1248-2

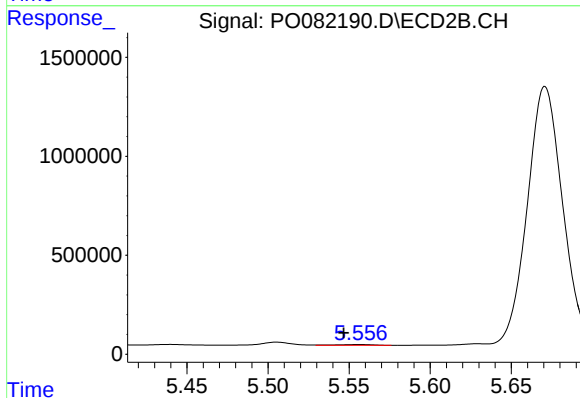
R.T.: 5.505 min
Delta R.T.: 0.003 min
Response: 181741
Conc: 188.99 ng/ml



#23 AR-1248-3

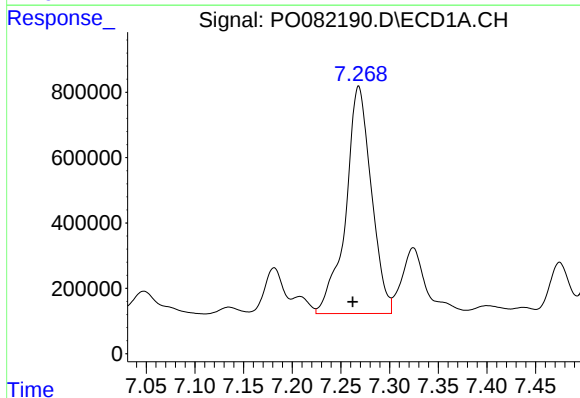
R.T.: 0.000 min
Exp R.T.: 6.831 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



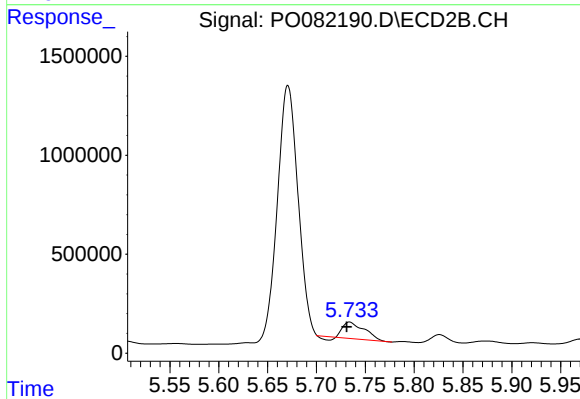
#23 AR-1248-3

R.T.: 5.556 min
Delta R.T.: 0.009 min
Response: 59721
Conc: 60.60 ng/ml



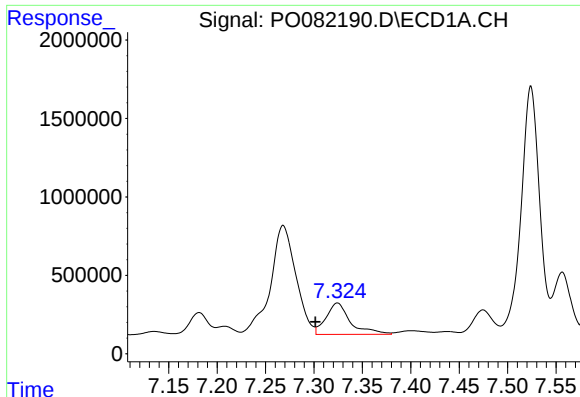
#24 AR-1248-4

R.T.: 7.268 min
Delta R.T.: 0.006 min
Response: 12744826
Conc: 5401.95 ng/ml



#24 AR-1248-4

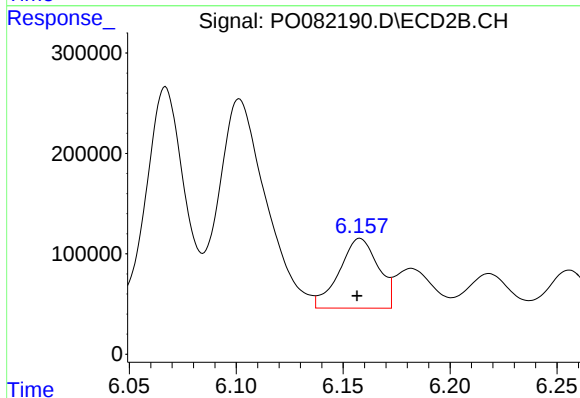
R.T.: 5.734 min
Delta R.T.: 0.003 min
Response: 1207301
Conc: 1050.32 ng/ml



#25 AR-1248-5

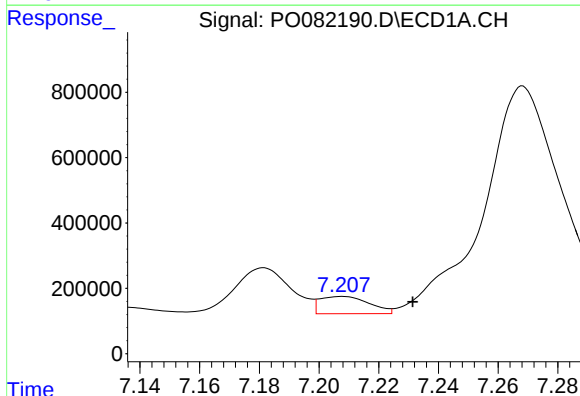
R.T.: 7.324 min
Delta R.T.: 0.023 min
Response: 3520583
Conc: 1579.81 ng/ml

Instrument :
ECD_O
ClientSampleId :



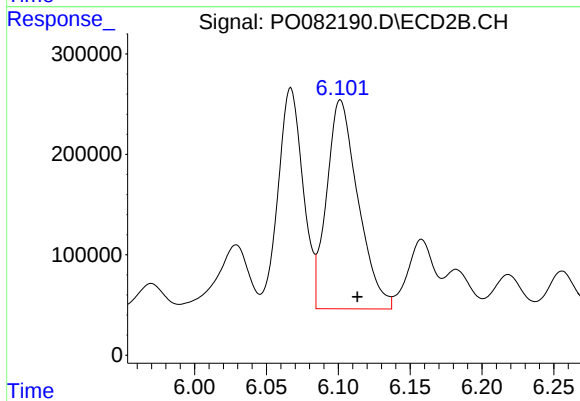
#25 AR-1248-5

R.T.: 6.158 min
Delta R.T.: 0.001 min
Response: 880630
Conc: 810.58 ng/ml



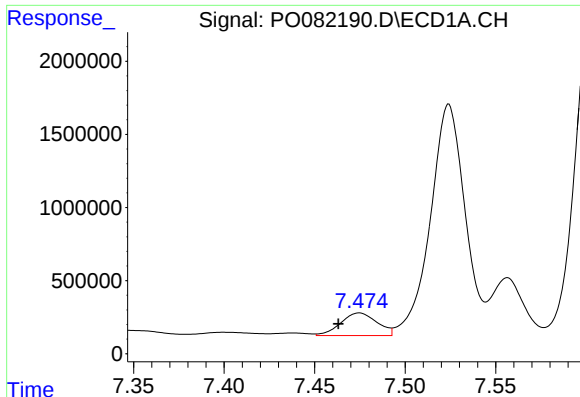
#26 AR-1254-1

R.T.: 7.208 min
Delta R.T.: -0.023 min
Response: 605604
Conc: 252.87 ng/ml



#26 AR-1254-1

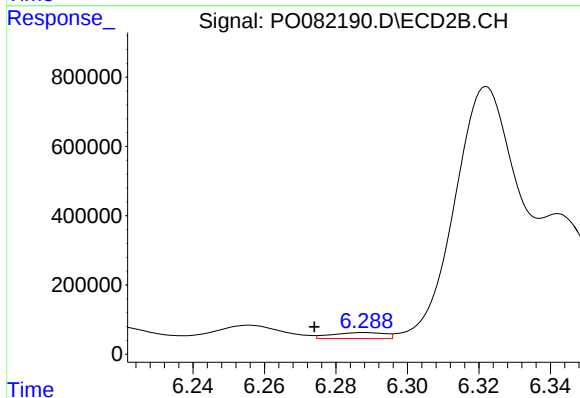
R.T.: 6.101 min
Delta R.T.: -0.012 min
Response: 3160420
Conc: 1897.74 ng/ml



#27 AR-1254-2

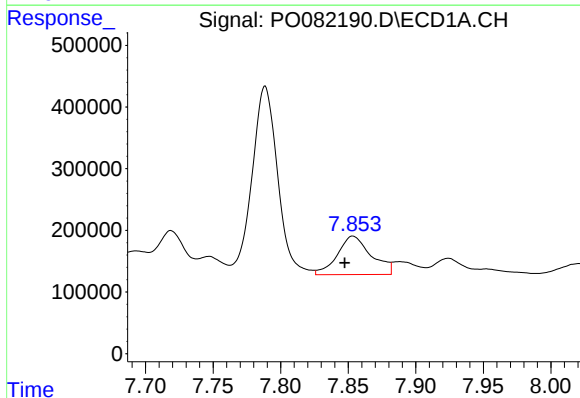
R.T.: 7.475 min
Delta R.T.: 0.012 min
Response: 2157882
Conc: 591.58 ng/ml

Instrument :
ECD_O
ClientSampleId :



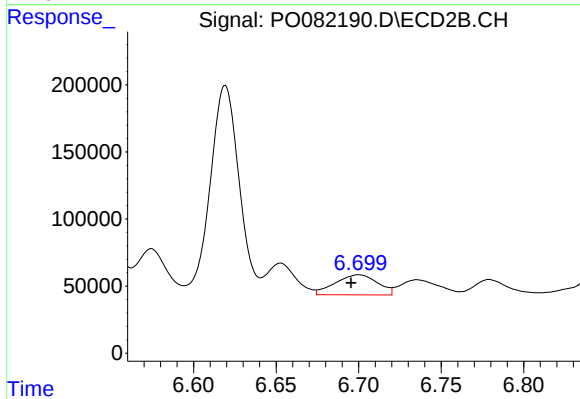
#27 AR-1254-2

R.T.: 6.288 min
Delta R.T.: 0.014 min
Response: 177880
Conc: 119.14 ng/ml



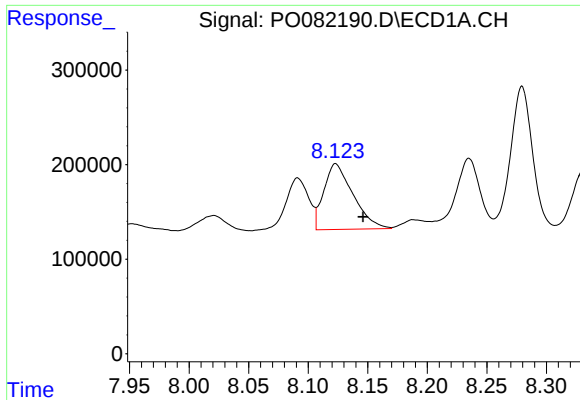
#28 AR-1254-3

R.T.: 7.853 min
Delta R.T.: 0.006 min
Response: 1090013
Conc: 301.21 ng/ml



#28 AR-1254-3

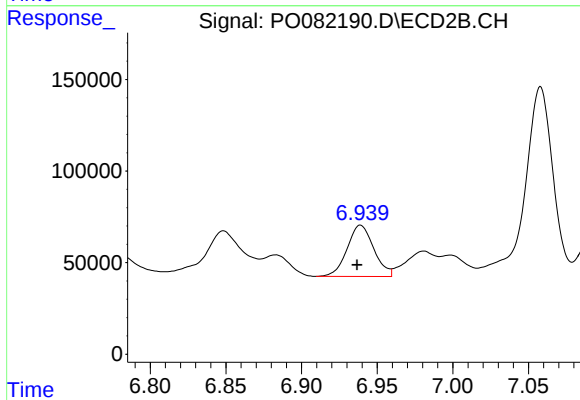
R.T.: 6.700 min
Delta R.T.: 0.005 min
Response: 268091
Conc: 119.72 ng/ml



#29 AR-1254-4

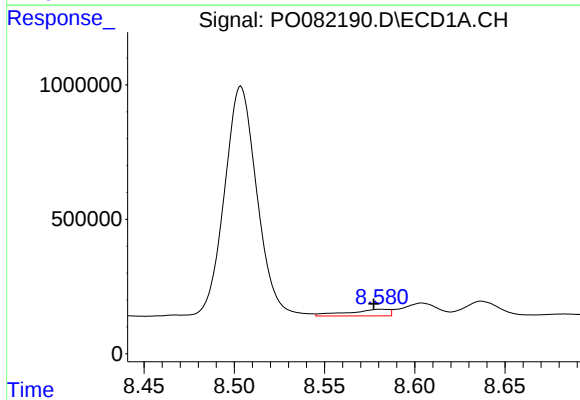
R.T.: 8.123 min
Delta R.T.: -0.023 min
Response: 1184045
Conc: 439.38 ng/ml

Instrument :
ECD_O
ClientSampleId :



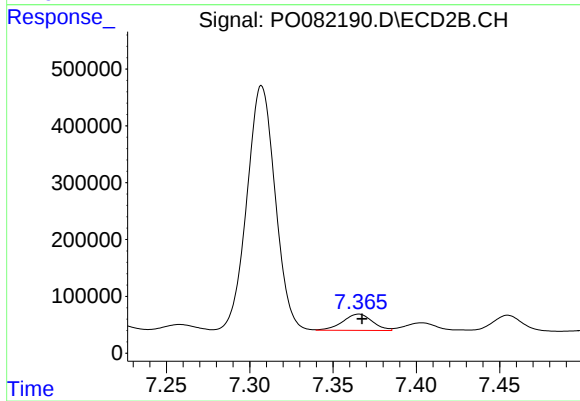
#29 AR-1254-4

R.T.: 6.939 min
Delta R.T.: 0.002 min
Response: 342866
Conc: 233.45 ng/ml



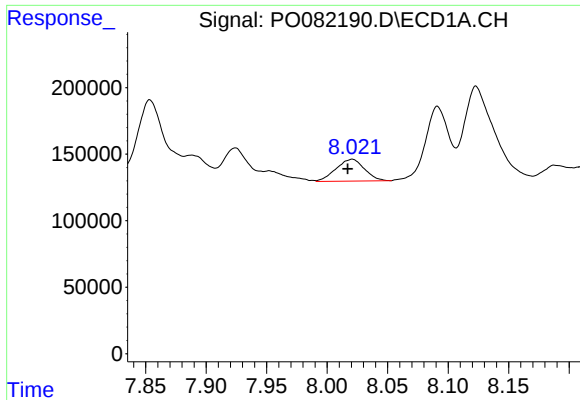
#30 AR-1254-5

R.T.: 8.581 min
Delta R.T.: 0.004 min
Response: 390899
Conc: 134.22 ng/ml



#30 AR-1254-5

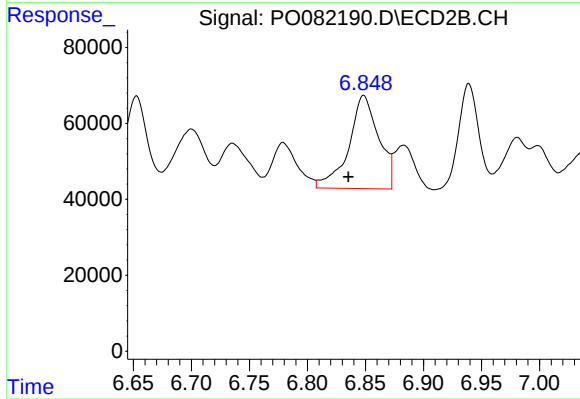
R.T.: 7.366 min
Delta R.T.: -0.002 min
Response: 357501
Conc: 173.60 ng/ml



#31 AR-1260-1

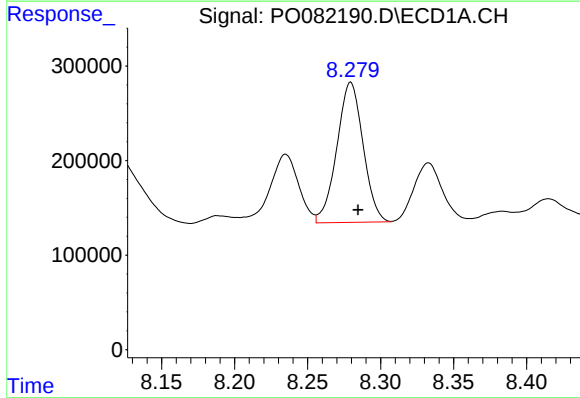
R.T.: 8.021 min
Delta R.T.: 0.004 min
Response: 268060
Conc: 94.98 ng/ml

Instrument :
ECD_O
ClientSampleId :



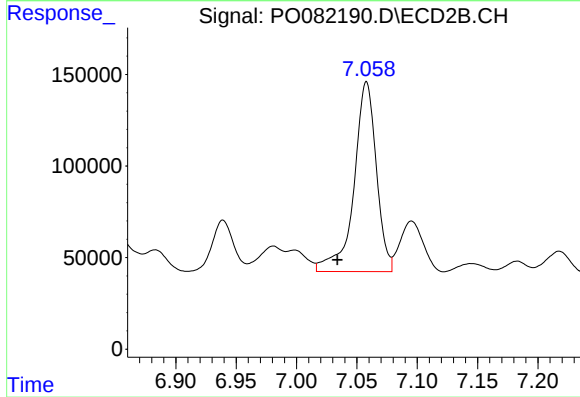
#31 AR-1260-1

R.T.: 6.848 min
Delta R.T.: 0.013 min
Response: 441877
Conc: 266.94 ng/ml



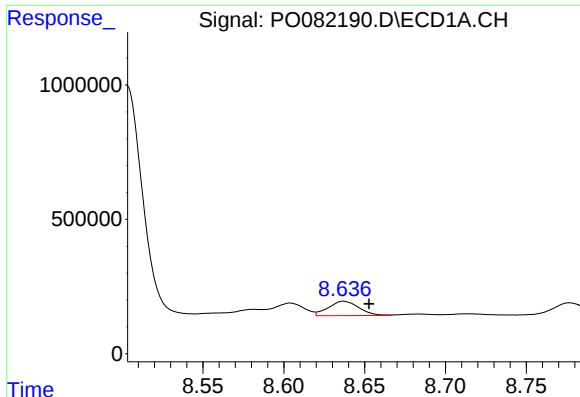
#32 AR-1260-2

R.T.: 8.280 min
Delta R.T.: -0.005 min
Response: 1852308
Conc: 556.80 ng/ml



#32 AR-1260-2

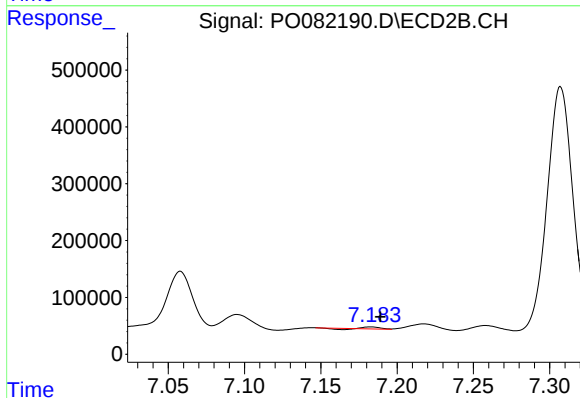
R.T.: 7.058 min
Delta R.T.: 0.024 min
Response: 1343206
Conc: 669.65 ng/ml



#33 AR-1260-3

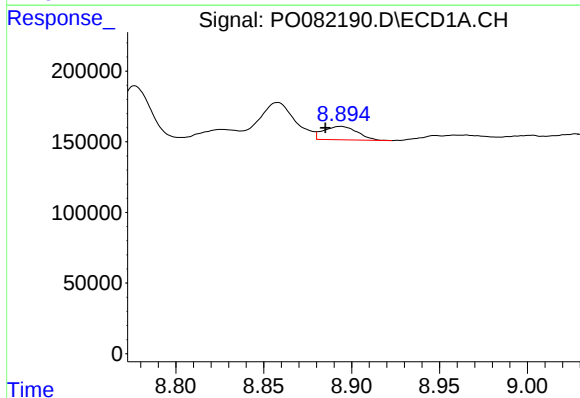
R.T.: 8.637 min
Delta R.T.: -0.016 min
Response: 702408
Conc: 311.63 ng/ml

Instrument :
ECD_O
ClientSampleId :



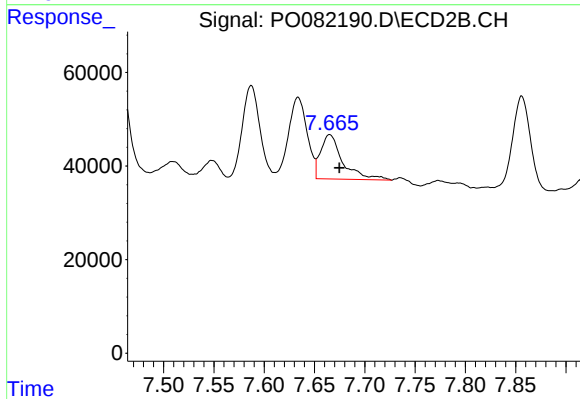
#33 AR-1260-3

R.T.: 7.183 min
Delta R.T.: -0.006 min
Response: 14327
Conc: 7.56 ng/ml



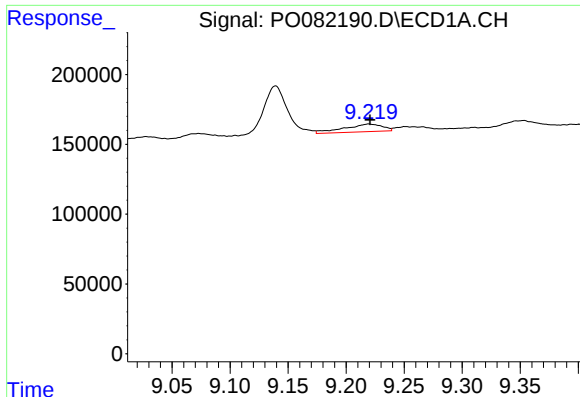
#34 AR-1260-4

R.T.: 8.894 min
Delta R.T.: 0.009 min
Response: 126871
Conc: 47.92 ng/ml



#34 AR-1260-4

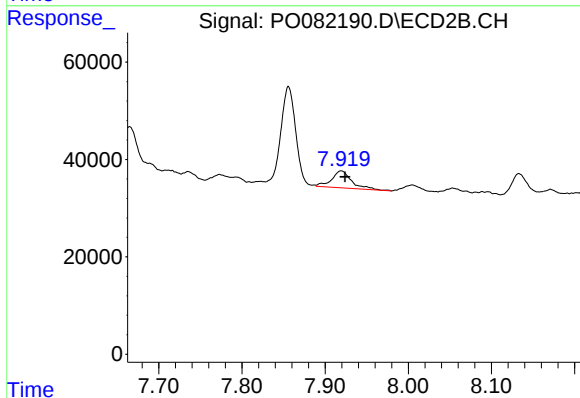
R.T.: 7.665 min
Delta R.T.: -0.009 min
Response: 145244
Conc: 105.97 ng/ml



#35 AR-1260-5

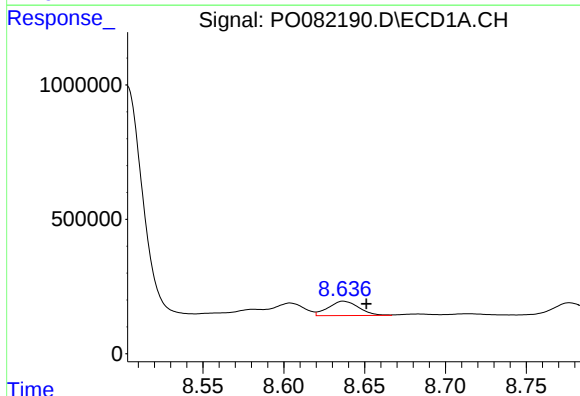
R.T.: 9.220 min
Delta R.T.: 0.000 min
Response: 125392
Conc: 22.89 ng/ml

Instrument :
ECD_O
ClientSampleId :



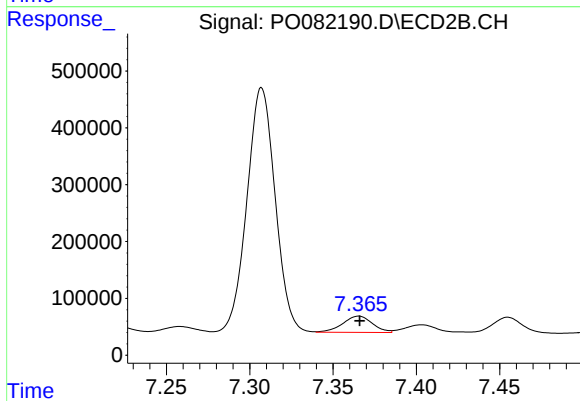
#35 AR-1260-5

R.T.: 7.919 min
Delta R.T.: -0.004 min
Response: 59205
Conc: 17.92 ng/ml



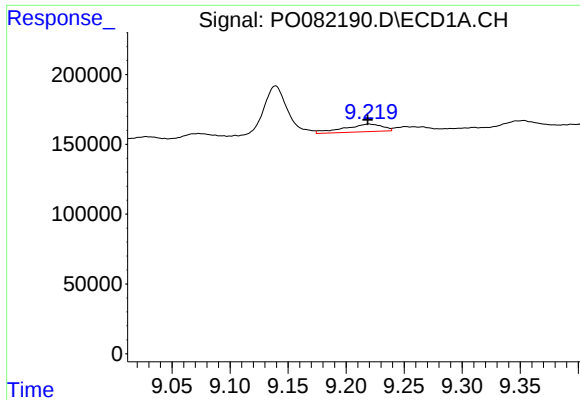
#36 AR-1262-1

R.T.: 8.637 min
Delta R.T.: -0.014 min
Response: 702408
Conc: 205.34 ng/ml



#36 AR-1262-1

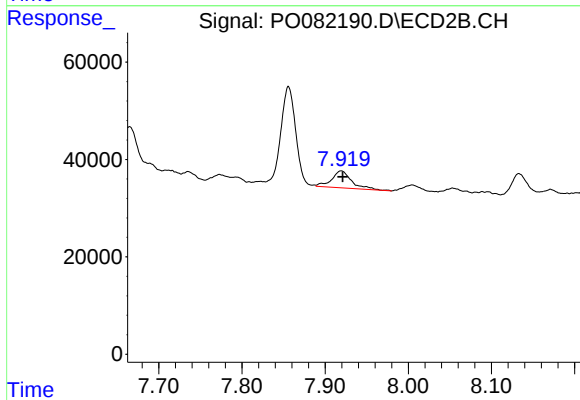
R.T.: 7.366 min
Delta R.T.: 0.000 min
Response: 357501
Conc: 324.09 ng/ml



#37 AR-1262-2

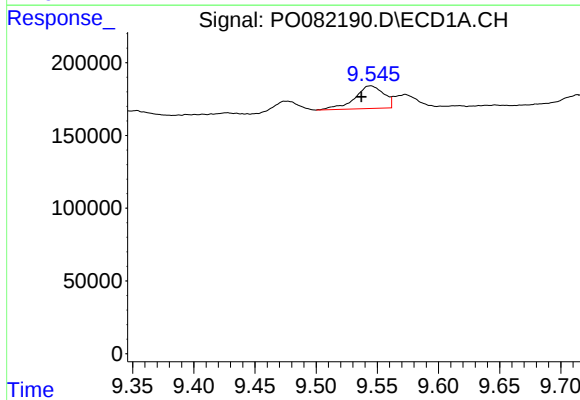
R.T.: 9.220 min
Delta R.T.: 0.001 min
Response: 125392
Conc: 19.97 ng/ml

Instrument :
ECD_O
ClientSampleId :



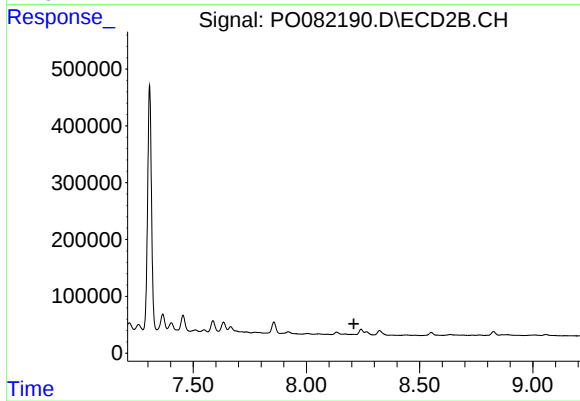
#37 AR-1262-2

R.T.: 7.919 min
Delta R.T.: -0.002 min
Response: 59205
Conc: 16.57 ng/ml



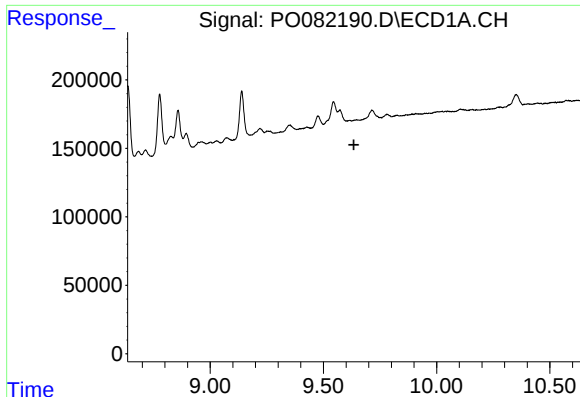
#38 AR-1262-3

R.T.: 9.544 min
Delta R.T.: 0.007 min
Response: 258155
Conc: 93.87 ng/ml



#38 AR-1262-3

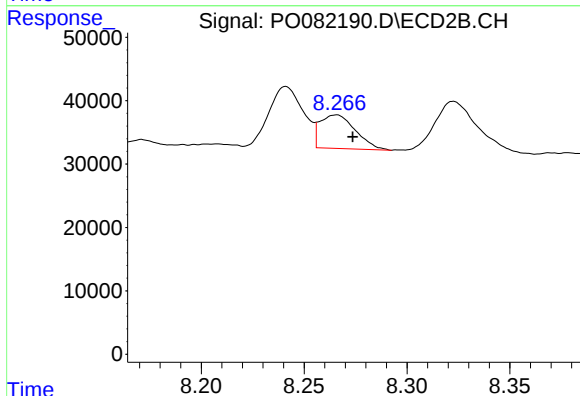
R.T.: 0.000 min
Exp R.T.: 8.210 min
Response: 0
Conc: N.D.



#39 AR-1262-4

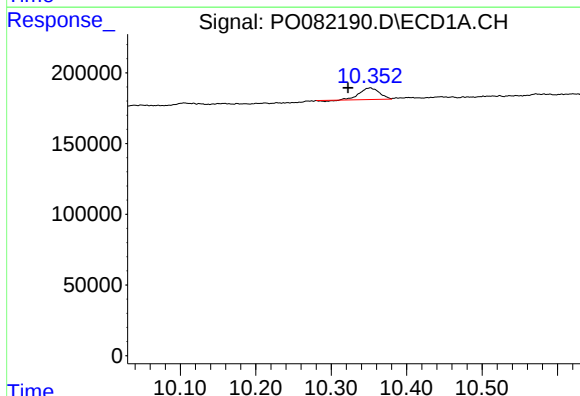
R.T.: 0.000 min
Exp R.T.: 9.634 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



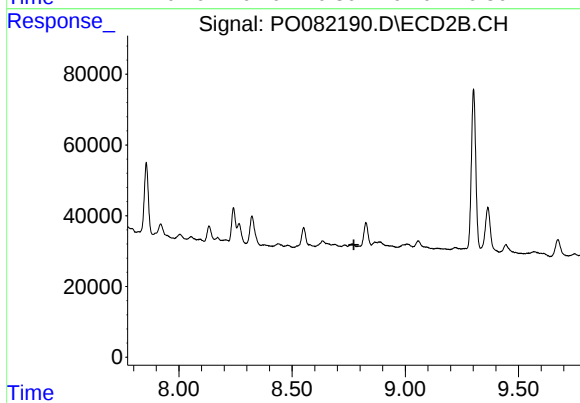
#39 AR-1262-4

R.T.: 8.266 min
Delta R.T.: -0.008 min
Response: 63432
Conc: 23.83 ng/ml



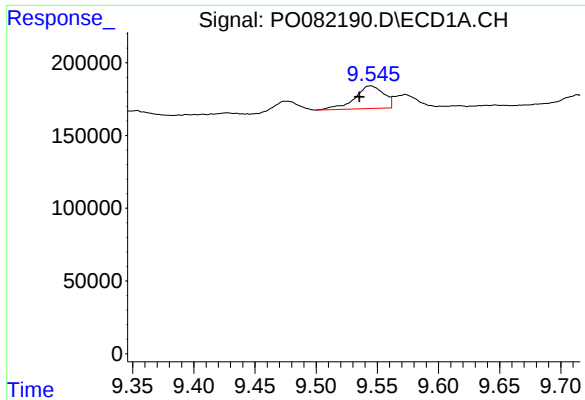
#40 AR-1262-5

R.T.: 10.352 min
Delta R.T.: 0.029 min
Response: 143468
Conc: 62.96 ng/ml



#40 AR-1262-5

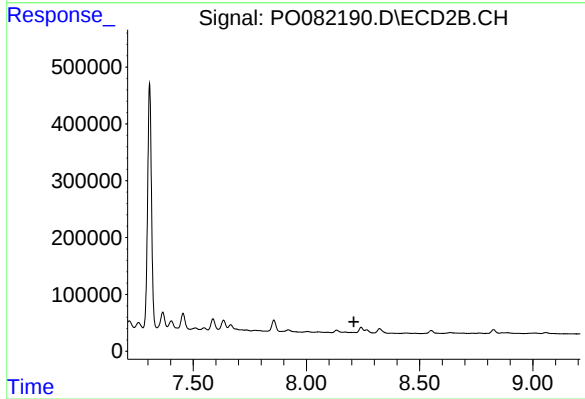
R.T.: 0.000 min
Exp R.T.: 8.773 min
Response: 0
Conc: N.D.



#41 AR-1268-1

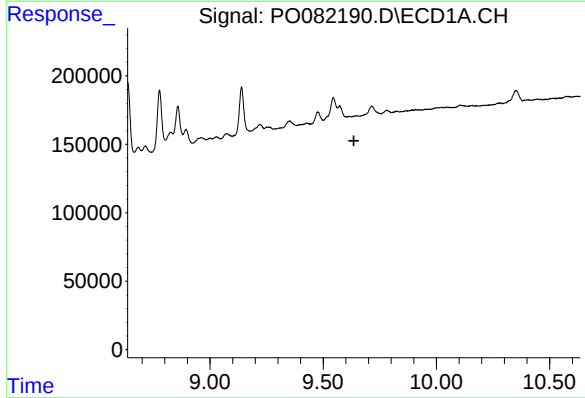
R.T.: 9.544 min
Delta R.T.: 0.009 min
Response: 258155
Conc: 34.56 ng/ml

Instrument :
ECD_O
ClientSampleId :



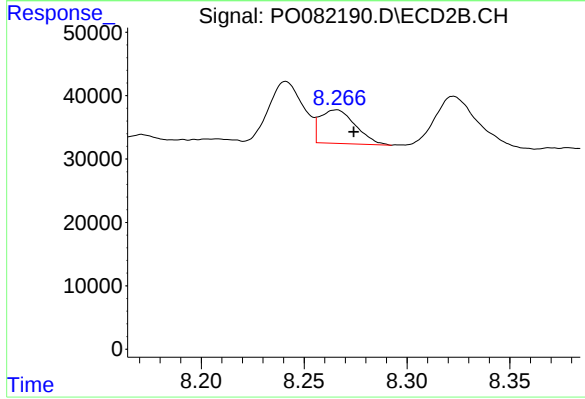
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 8.210 min
Response: 0
Conc: N.D.



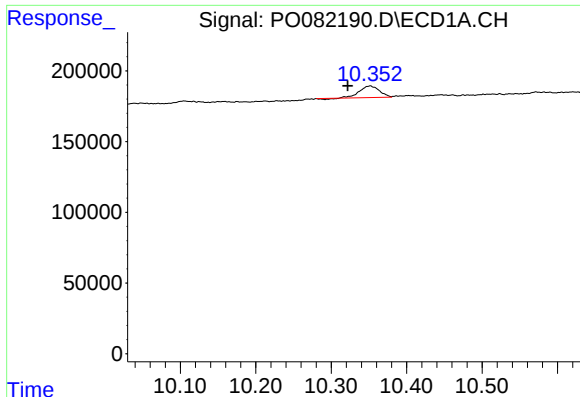
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 9.635 min
Response: 0
Conc: N.D.



#42 AR-1268-2

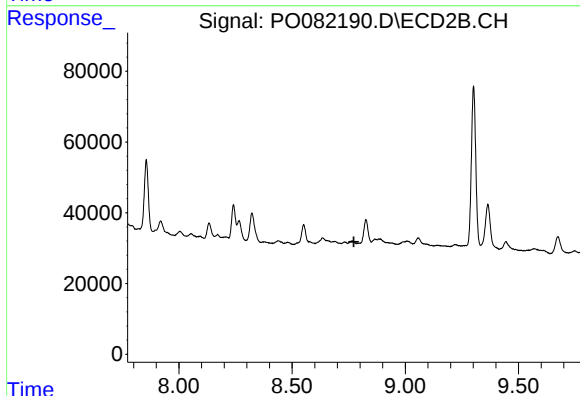
R.T.: 8.266 min
Delta R.T.: -0.009 min
Response: 63432
Conc: 16.70 ng/ml



#44 AR-1268-4

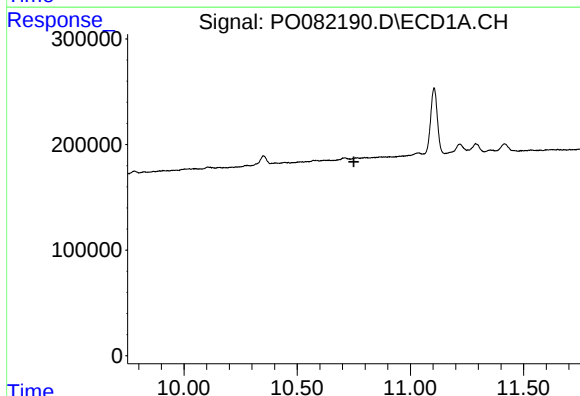
R.T.: 10.352 min
Delta R.T.: 0.030 min
Response: 143468
Conc: 56.69 ng/ml

Instrument :
ECD_O
ClientSampleId :



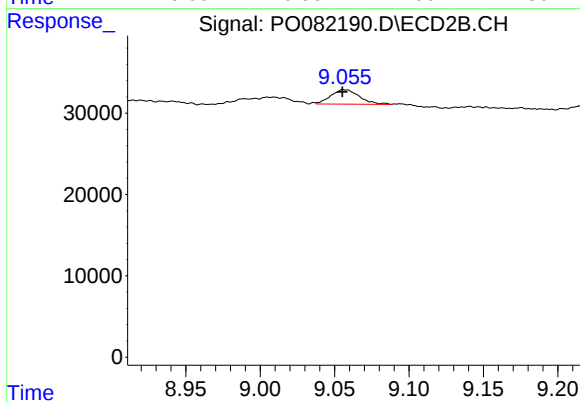
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 8.773 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 10.750 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.056 min
Delta R.T.: 0.001 min
Response: 23579
Conc: 2.44 ng/ml