

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0051822\
 Data File : P0086157.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 18 May 2022 23:41
 Operator : YP\AJ
 Sample : N2863-11DL 5X
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 19 07:13:22 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0051122.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu May 12 05:35:26 2022
 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...	4.480	3.679	514155	176996	5.063	4.061
2)	SA Decachlor...	10.336	8.740	236361	126337	4.460	3.722
Target Compounds							
3)	L1 AR-1016-1	5.592f	0.000	224355	0	70.201	N.D. #
5)	L1 AR-1016-3	0.000	5.032f	0	14055	N.D.	12.715 #
6)	L1 AR-1016-4	0.000	5.032	0	14055	N.D.	15.246 #
7)	L1 AR-1016-5	0.000	5.242	0	4929	N.D.	4.365 #
8)	L2 AR-1221-1	4.690	0.000	26493	0	21.638	N.D. #
9)	L2 AR-1221-2	4.790	0.000	9296	0	10.184	N.D. #
10)	L2 AR-1221-3	0.000	4.113f	0	492	N.D.	0.405 #
11)	L3 AR-1232-1	4.790f	4.113f	9296	492	4.541	0.532 #
12)	L3 AR-1232-2	5.450f	0.000	3172	0	3.368	N.D. #
13)	L3 AR-1232-3	0.000	5.032f	0	14055	N.D.	34.040 #
14)	L3 AR-1232-4	0.000	5.032f	0	14055	N.D.	37.510 #
15)	L3 AR-1232-5	5.937	5.242	2780	4929	4.197	11.769 #
16)	L4 AR-1242-1	5.592f	0.000	224355	0	82.533	N.D. #
18)	L4 AR-1242-3	0.000	5.032f	0	14055	N.D.	14.947 #
19)	L4 AR-1242-4	0.000	5.032f	0	14055	N.D.	14.901 #
20)	L4 AR-1242-5	6.526f	5.593	59764	24549	32.648	21.586 #
21)	L5 AR-1248-1	5.592f	0.000	224355	0	111.075	N.D. #
22)	L5 AR-1248-2	5.937	5.032	2780	14055	1.030	10.567 #
23)	L5 AR-1248-3	0.000	5.032f	0	14055	N.D.	10.213 #
24)	L5 AR-1248-4	6.526	5.242	59764	4929	18.565	3.078 #
25)	L5 AR-1248-5	6.526f	5.684f	59764	8185	19.203	5.210 #
26)	L6 AR-1254-1	6.526	5.593	59764	24549	17.758	9.747 #
27)	L6 AR-1254-2	6.746	5.740	87827	36756	17.847	16.785
28)	L6 AR-1254-3	7.116	6.162	140291	260503	27.767	73.732 #
29)	L6 AR-1254-4	7.403	6.373	96492	21288	25.906	9.623 #
30)	L6 AR-1254-5	7.824	6.793	2447617	1042252	628.161	352.369 #
31)	L7 AR-1260-1	7.282	6.277	659323	351360	217.856	180.525
32)	L7 AR-1260-2	7.540	6.464	1530038	810006	422.956	344.636
33)	L7 AR-1260-3	7.902	6.620	1431612	436736	518.700	203.107 #
34)	L7 AR-1260-4	8.131	7.093	1395699	546556	413.665	303.535 #
35)	L7 AR-1260-5	8.459	7.333	2309623	1426653	374.287	329.343
36)	L8 AR-1262-1	7.902	6.832	1431612	789308	316.538	261.234
37)	L8 AR-1262-2	8.459	7.333	2309623	1426653	295.089	259.711
38)	L8 AR-1262-3	8.794	7.619	1679522	377729	512.679	179.194 #
39)	L8 AR-1262-4	8.872	7.682	409103	1092599	176.882	275.656 #
40)	L8 AR-1262-5	9.550	8.180	635967	373631	230.426	208.565
41)	L9 AR-1268-1	8.794	7.619	1679522	377729	192.375	61.904 #
42)	L9 AR-1268-2	8.872	7.682	409103	1092599	51.146	199.031 #
43)	L9 AR-1268-3	0.000	7.893	0	8073	N.D.	1.776 #

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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	9.550	8.180	635967	373631	210.633	191.356
45) L9	AR-1268-5	9.980	8.477	141149	70505	6.454	4.811 #

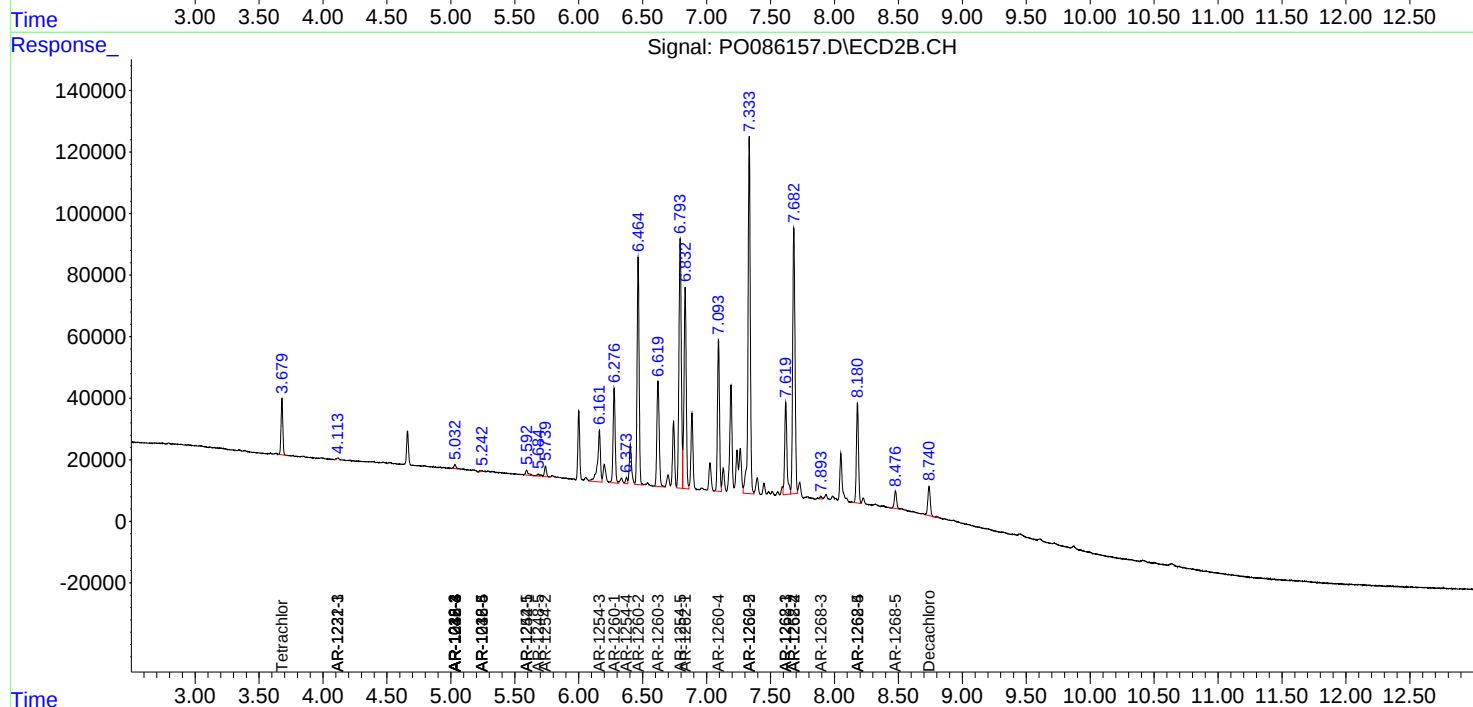
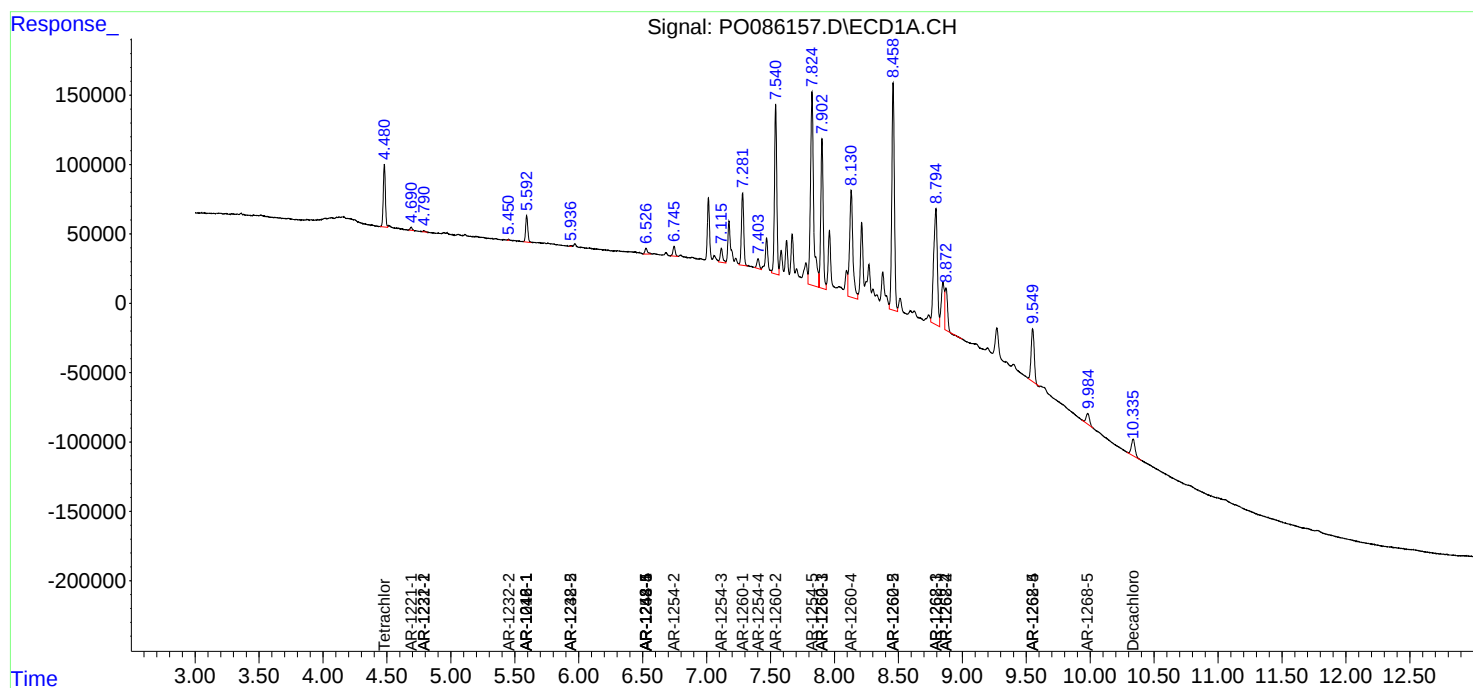
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

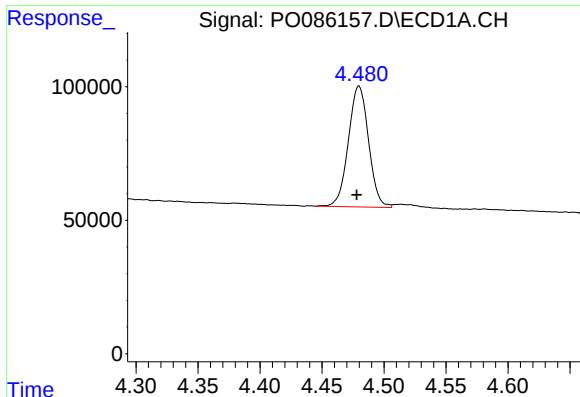
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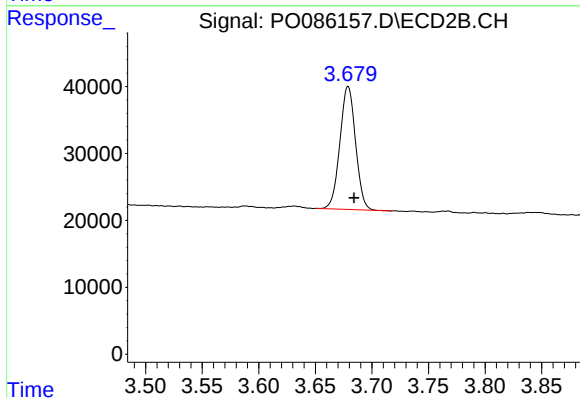




#1 Tetrachloro-m-xylene

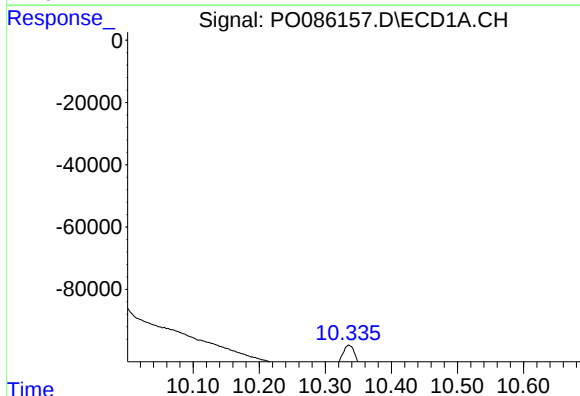
R.T.: 4.480 min
Delta R.T.: 0.002 min
Response: 514155
Conc: 5.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



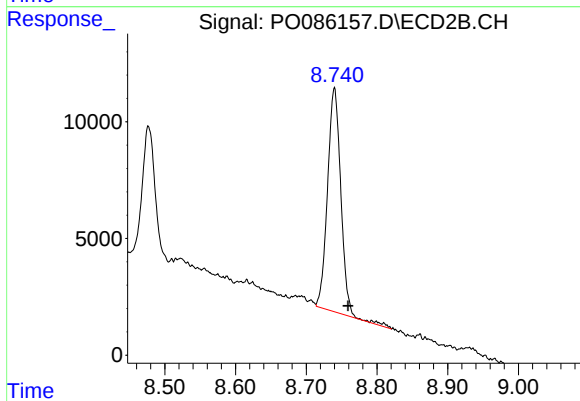
#1 Tetrachloro-m-xylene

R.T.: 3.679 min
Delta R.T.: -0.005 min
Response: 176996
Conc: 4.06 ng/ml



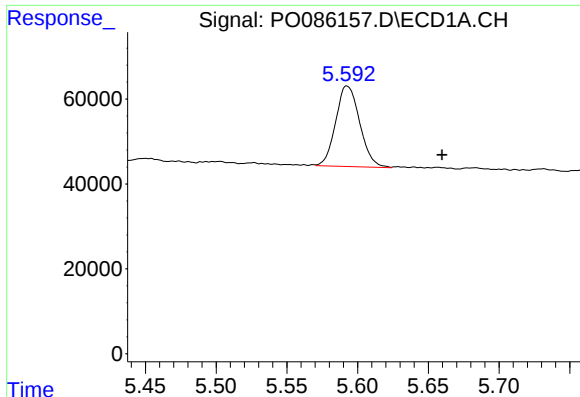
#2 Decachlorobiphenyl

R.T.: 10.336 min
Delta R.T.: 0.009 min
Response: 236361
Conc: 4.46 ng/ml



#2 Decachlorobiphenyl

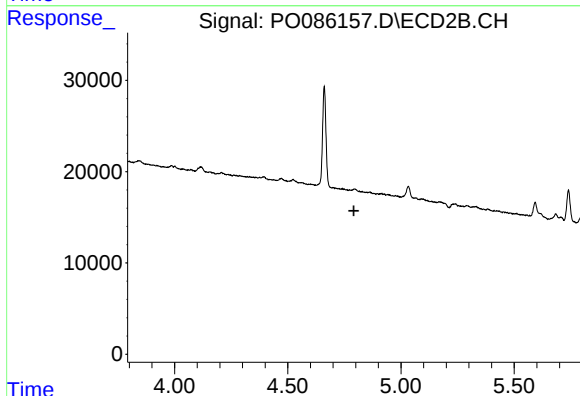
R.T.: 8.740 min
Delta R.T.: -0.019 min
Response: 126337
Conc: 3.72 ng/ml



#3 AR-1016-1

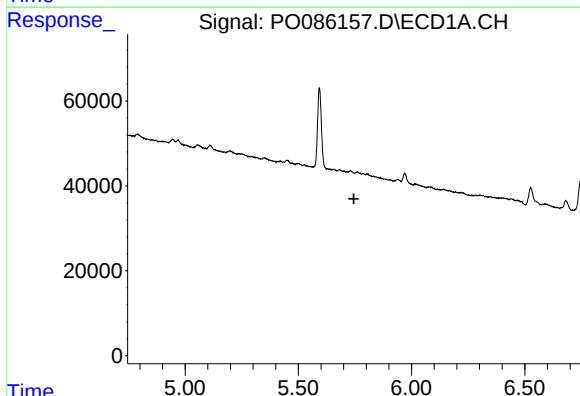
R.T.: 5.592 min
Delta R.T.: -0.067 min
Response: 224355
Conc: 70.20 ng/ml

Instrument :
ECD_O
ClientSampleId :



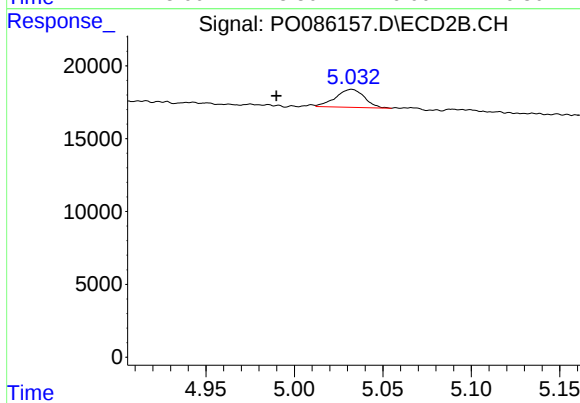
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 4.792 min
Response: 0
Conc: N.D.



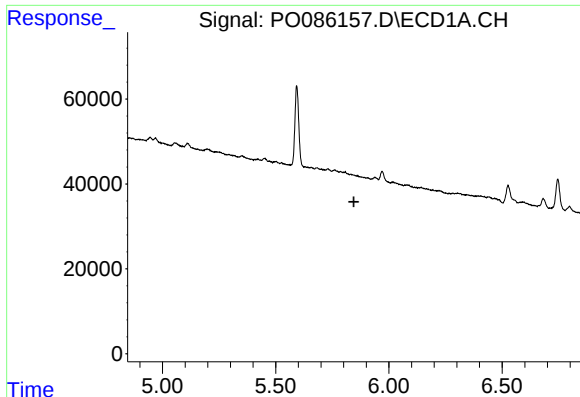
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 5.745 min
Response: 0
Conc: N.D.



#5 AR-1016-3

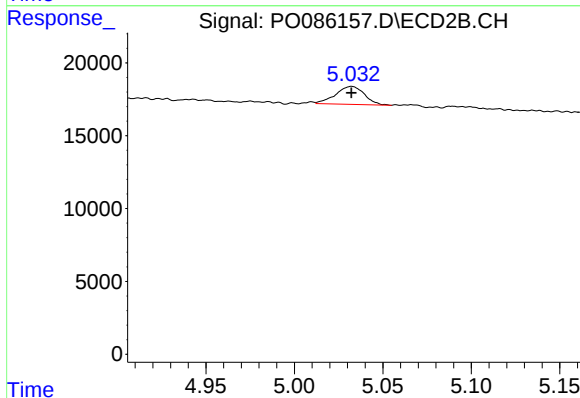
R.T.: 5.032 min
Delta R.T.: 0.043 min
Response: 14055
Conc: 12.72 ng/ml



#6 AR-1016-4

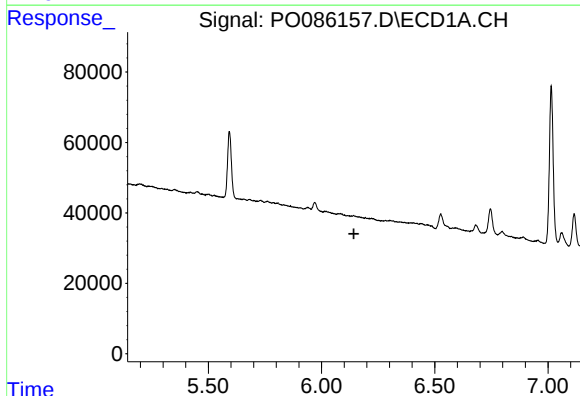
R.T.: 0.000 min
Exp R.T.: 5.845 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



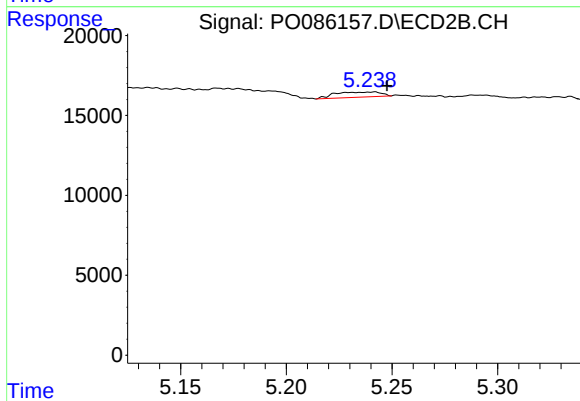
#6 AR-1016-4

R.T.: 5.032 min
Delta R.T.: 0.000 min
Response: 14055
Conc: 15.25 ng/ml



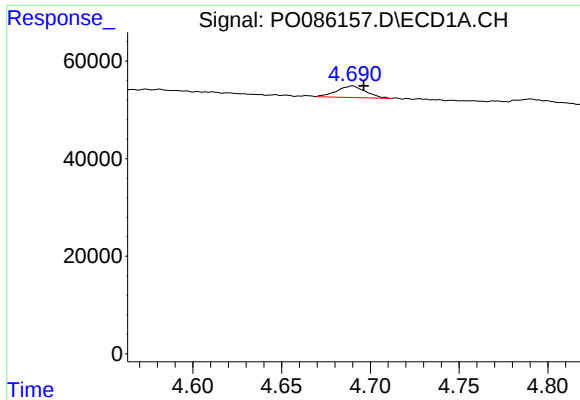
#7 AR-1016-5

R.T.: 0.000 min
Exp R.T.: 6.143 min
Response: 0
Conc: N.D.



#7 AR-1016-5

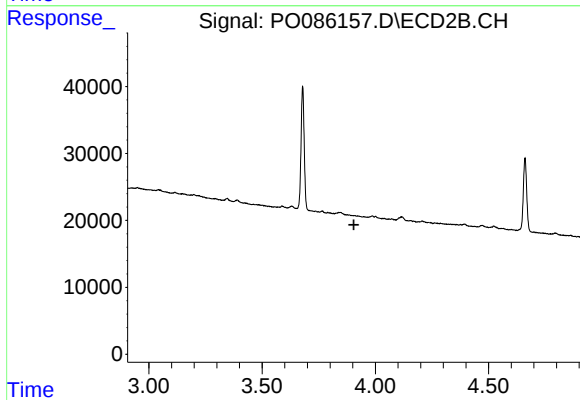
R.T.: 5.242 min
Delta R.T.: -0.006 min
Response: 4929
Conc: 4.37 ng/ml



#8 AR-1221-1

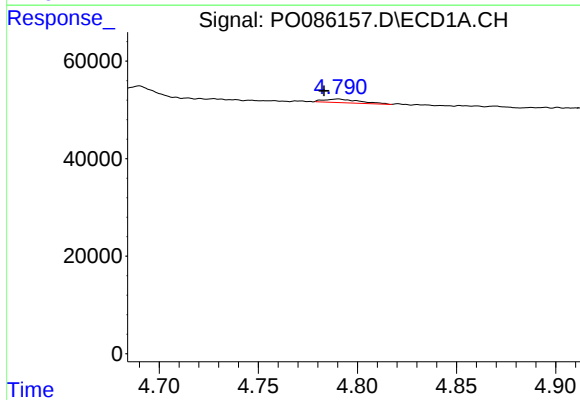
R.T.: 4.690 min
Delta R.T.: -0.006 min
Response: 26493
Conc: 21.64 ng/ml

Instrument :
ECD_O
ClientSampleId :



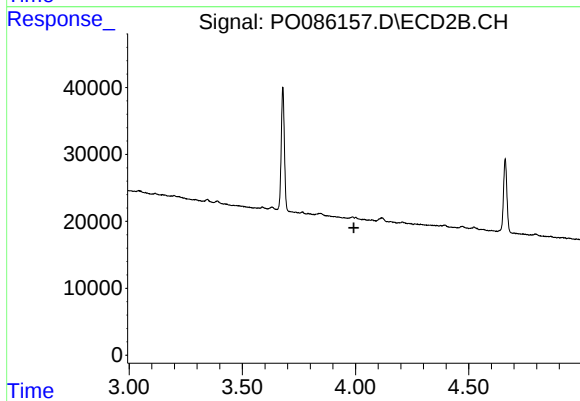
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 3.905 min
Response: 0
Conc: N.D.



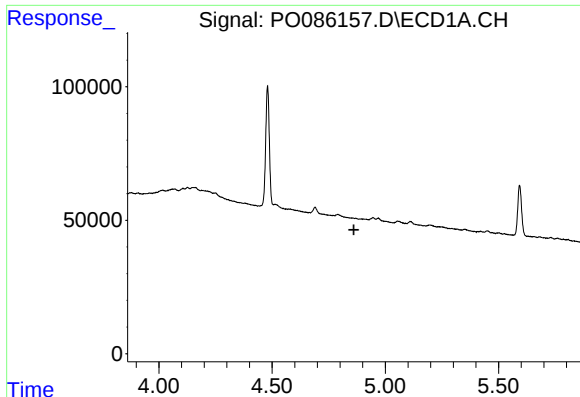
#9 AR-1221-2

R.T.: 4.790 min
Delta R.T.: 0.007 min
Response: 9296
Conc: 10.18 ng/ml



#9 AR-1221-2

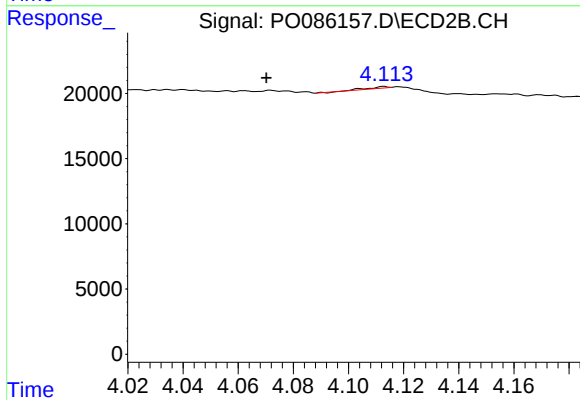
R.T.: 0.000 min
Exp R.T. : 3.993 min
Response: 0
Conc: N.D.



#10 AR-1221-3

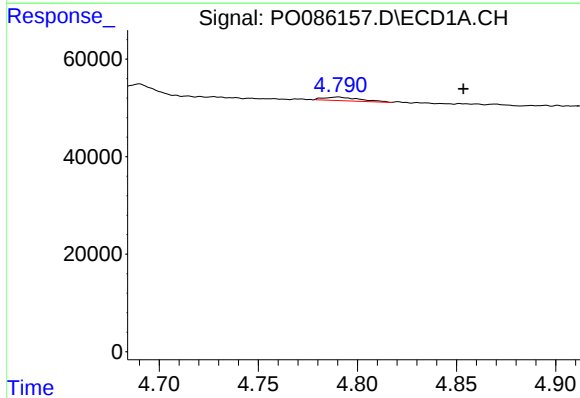
R.T.: 0.000 min
Exp R.T.: 4.861 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



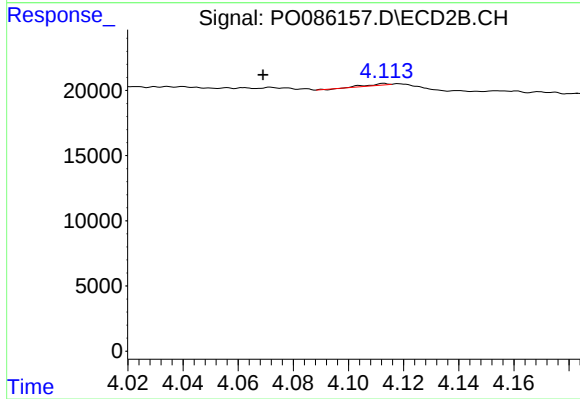
#10 AR-1221-3

R.T.: 4.113 min
Delta R.T.: 0.043 min
Response: 492
Conc: 0.41 ng/ml



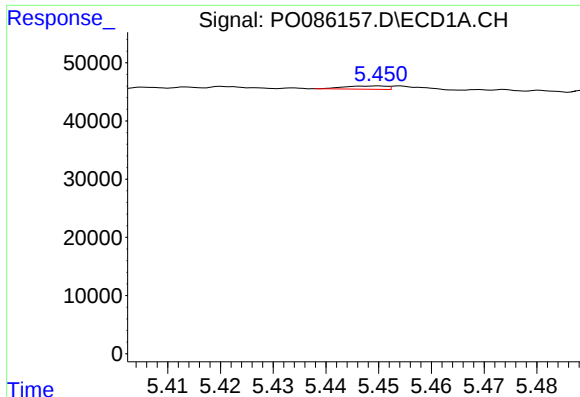
#11 AR-1232-1

R.T.: 4.790 min
Delta R.T.: -0.063 min
Response: 9296
Conc: 4.54 ng/ml



#11 AR-1232-1

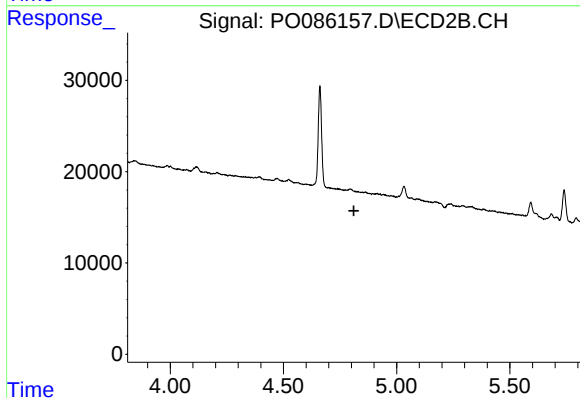
R.T.: 4.113 min
Delta R.T.: 0.044 min
Response: 492
Conc: 0.53 ng/ml



#12 AR-1232-2

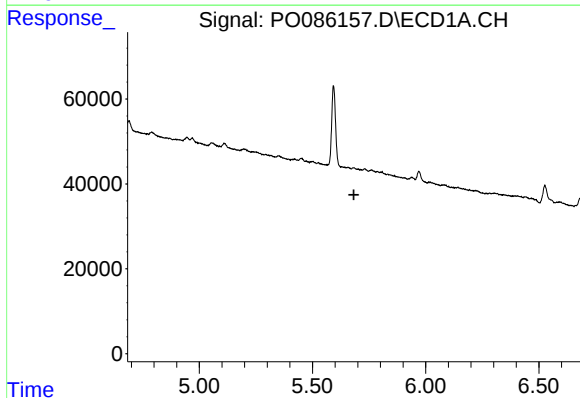
R.T.: 5.450 min
Delta R.T.: 0.060 min
Response: 3172
Conc: 3.37 ng/ml

Instrument :
ECD_O
ClientSampleId :



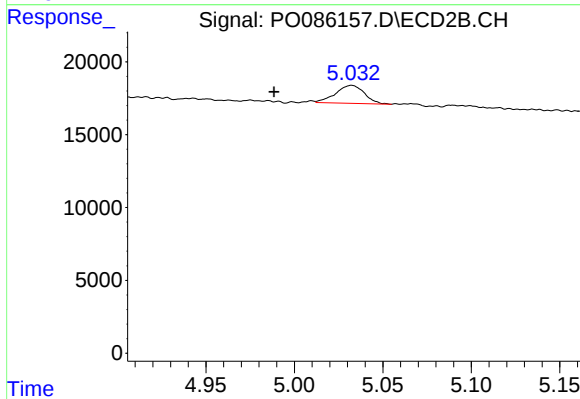
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 4.811 min
Response: 0
Conc: N.D.



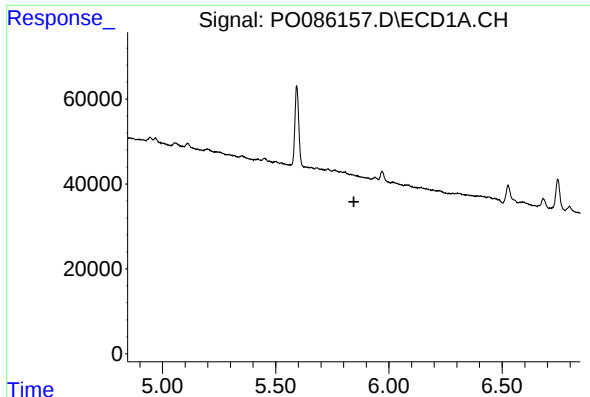
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 5.683 min
Response: 0
Conc: N.D.



#13 AR-1232-3

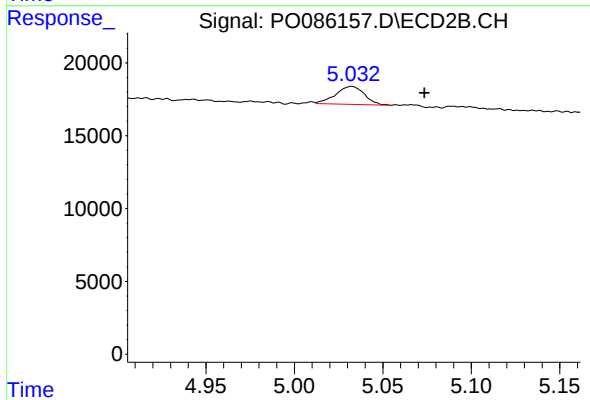
R.T.: 5.032 min
Delta R.T.: 0.044 min
Response: 14055
Conc: 34.04 ng/ml



#14 AR-1232-4

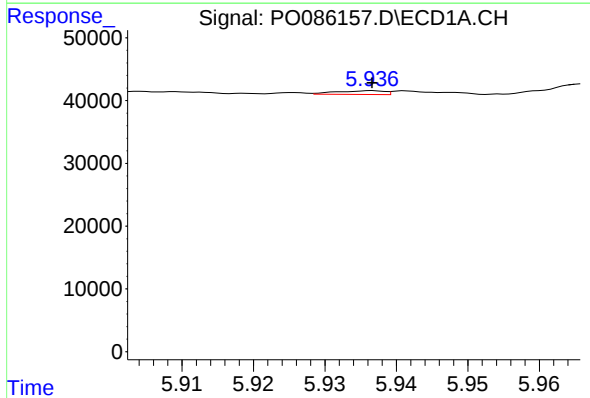
R.T.: 0.000 min
Exp R.T.: 5.845 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



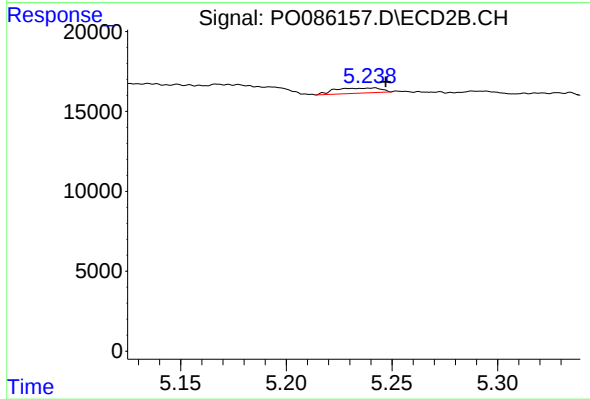
#14 AR-1232-4

R.T.: 5.032 min
Delta R.T.: -0.041 min
Response: 14055
Conc: 37.51 ng/ml



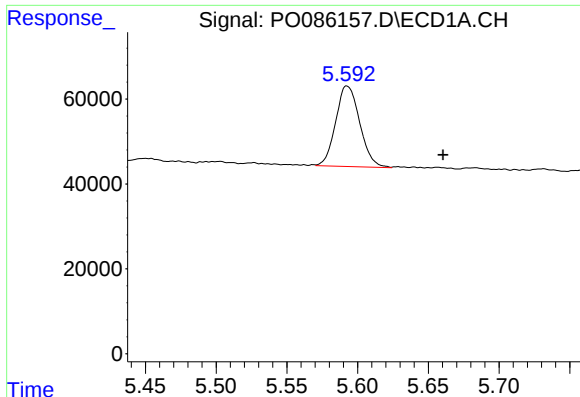
#15 AR-1232-5

R.T.: 5.937 min
Delta R.T.: 0.000 min
Response: 2780
Conc: 4.20 ng/ml



#15 AR-1232-5

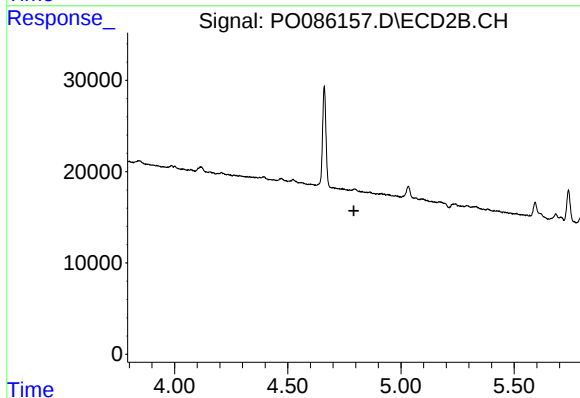
R.T.: 5.242 min
Delta R.T.: -0.005 min
Response: 4929
Conc: 11.77 ng/ml



#16 AR-1242-1

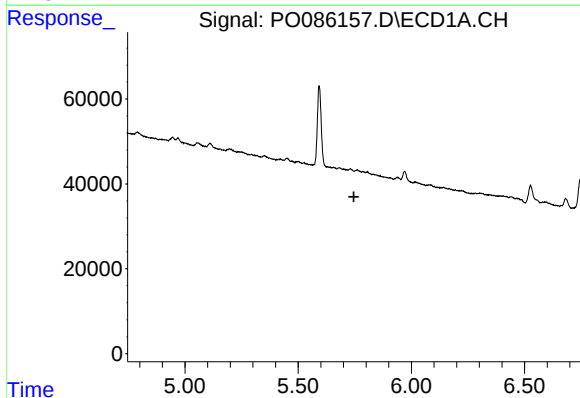
R.T.: 5.592 min
Delta R.T.: -0.068 min
Response: 224355
Conc: 82.53 ng/ml

Instrument :
ECD_O
ClientSampleId :



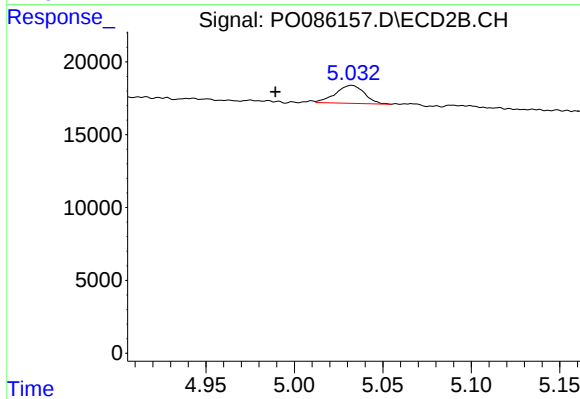
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 4.792 min
Response: 0
Conc: N.D.



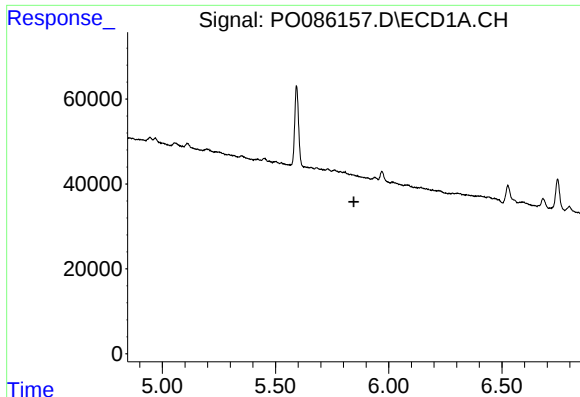
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 5.746 min
Response: 0
Conc: N.D.



#18 AR-1242-3

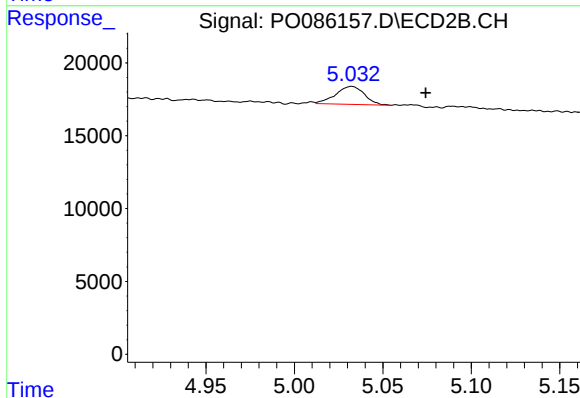
R.T.: 5.032 min
Delta R.T.: 0.043 min
Response: 14055
Conc: 14.95 ng/ml



#19 AR-1242-4

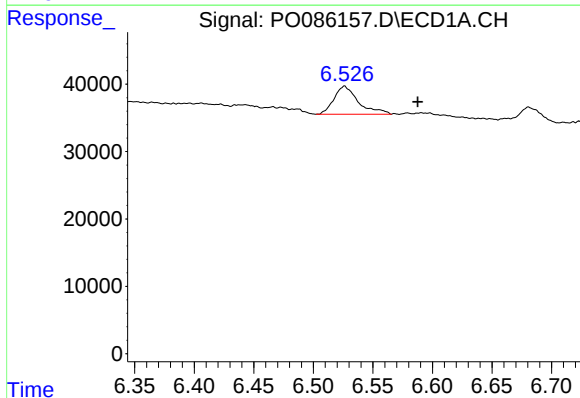
R.T.: 0.000 min
Exp R.T.: 5.846 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



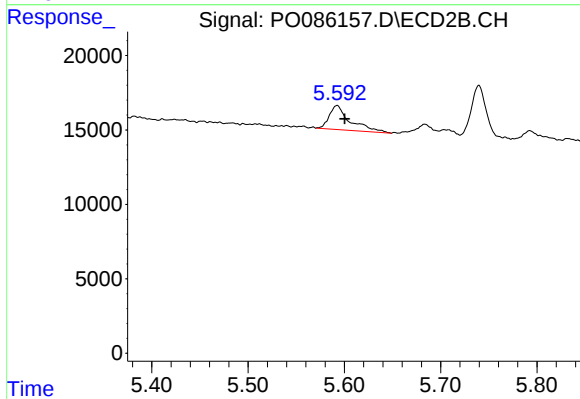
#19 AR-1242-4

R.T.: 5.032 min
Delta R.T.: -0.042 min
Response: 14055
Conc: 14.90 ng/ml



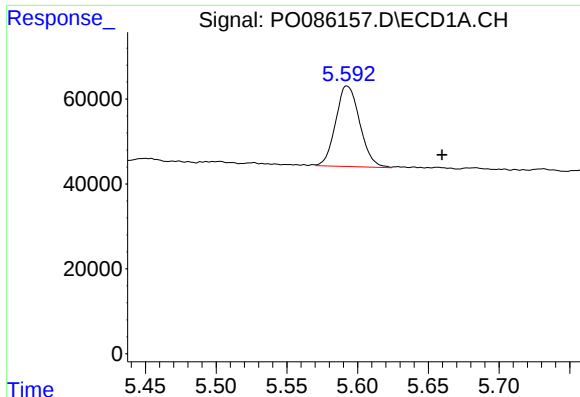
#20 AR-1242-5

R.T.: 6.526 min
Delta R.T.: -0.061 min
Response: 59764
Conc: 32.65 ng/ml



#20 AR-1242-5

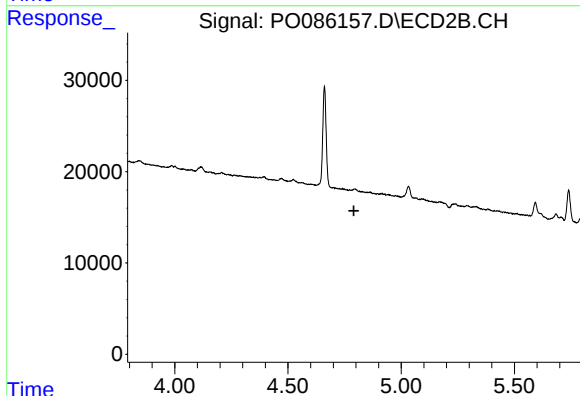
R.T.: 5.593 min
Delta R.T.: -0.008 min
Response: 24549
Conc: 21.59 ng/ml



#21 AR-1248-1

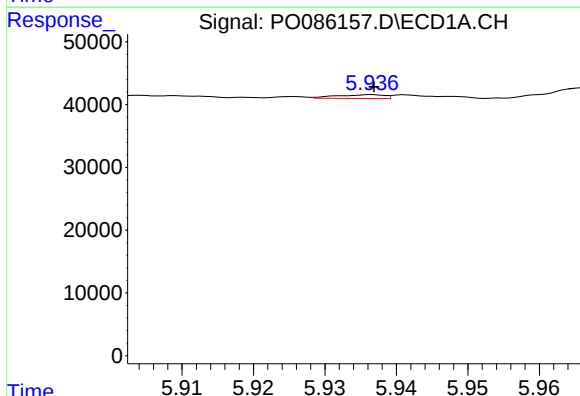
R.T.: 5.592 min
Delta R.T.: -0.067 min
Response: 224355
Conc: 111.07 ng/ml

Instrument :
ECD_O
ClientSampleId :



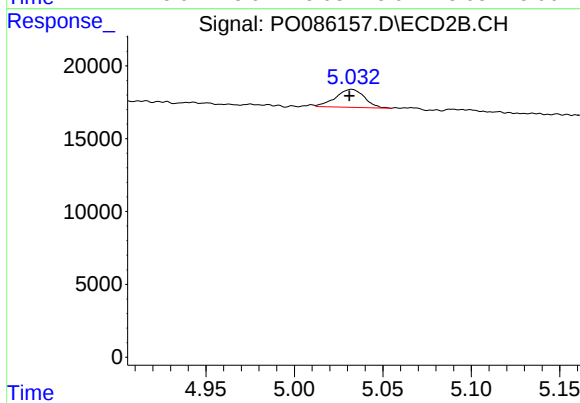
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T. : 4.791 min
Response: 0
Conc: N.D.



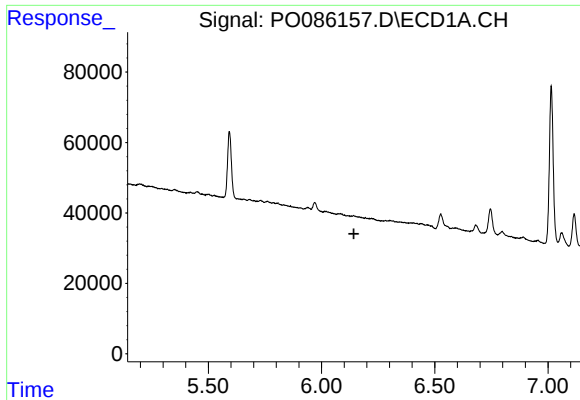
#22 AR-1248-2

R.T.: 5.937 min
Delta R.T.: 0.000 min
Response: 2780
Conc: 1.03 ng/ml



#22 AR-1248-2

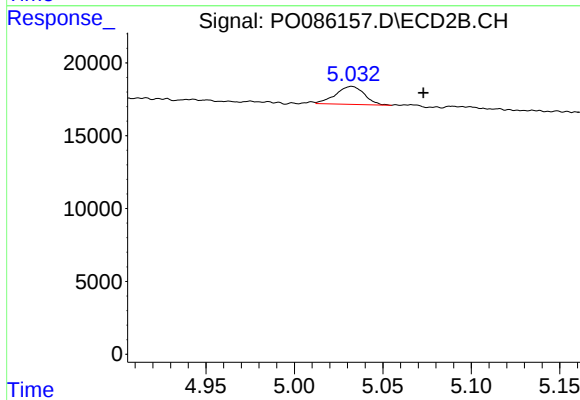
R.T.: 5.032 min
Delta R.T.: 0.001 min
Response: 14055
Conc: 10.57 ng/ml



#23 AR-1248-3

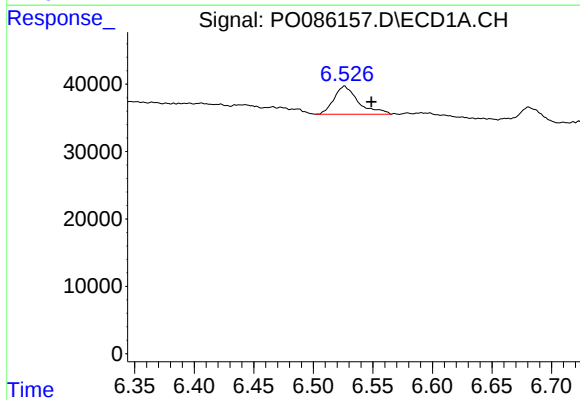
R.T.: 0.000 min
Exp R.T.: 6.143 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



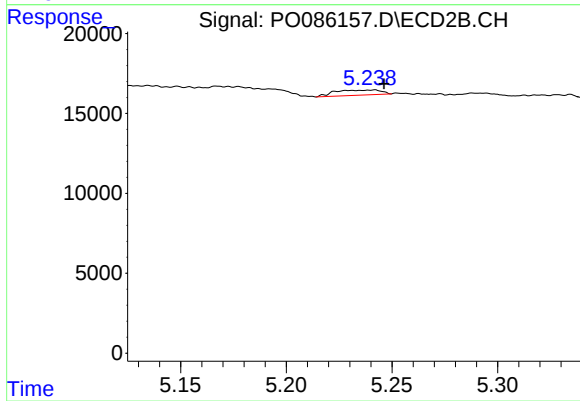
#23 AR-1248-3

R.T.: 5.032 min
Delta R.T.: -0.040 min
Response: 14055
Conc: 10.21 ng/ml



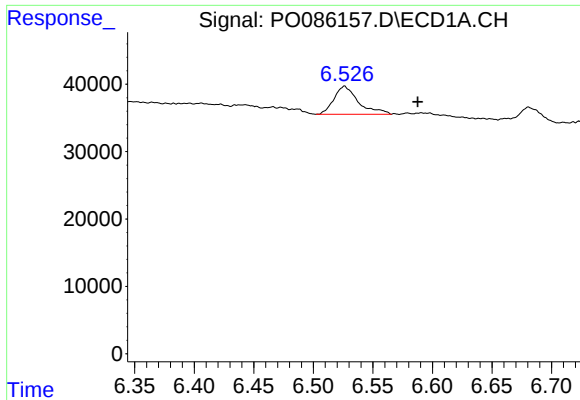
#24 AR-1248-4

R.T.: 6.526 min
Delta R.T.: -0.022 min
Response: 59764
Conc: 18.57 ng/ml



#24 AR-1248-4

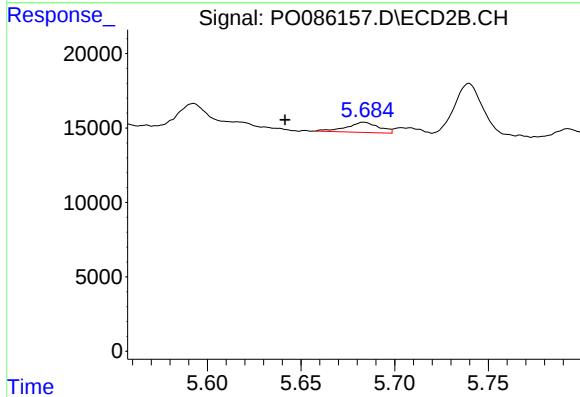
R.T.: 5.242 min
Delta R.T.: -0.004 min
Response: 4929
Conc: 3.08 ng/ml



#25 AR-1248-5

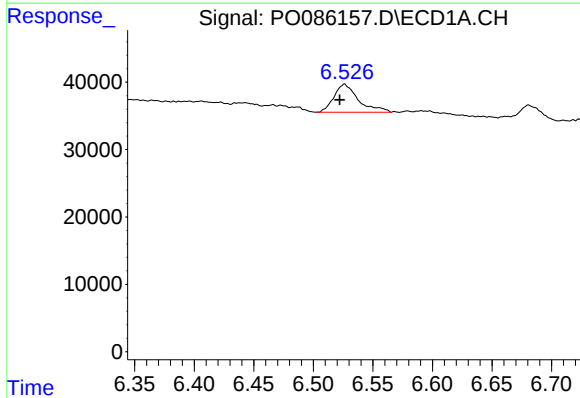
R.T.: 6.526 min
Delta R.T.: -0.061 min
Response: 59764
Conc: 19.20 ng/ml

Instrument :
ECD_O
ClientSampleId :



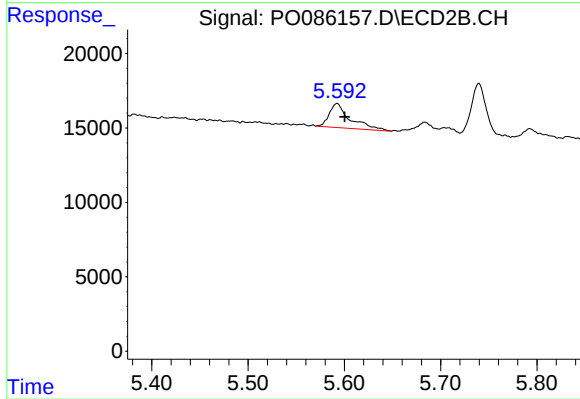
#25 AR-1248-5

R.T.: 5.684 min
Delta R.T.: 0.042 min
Response: 8185
Conc: 5.21 ng/ml



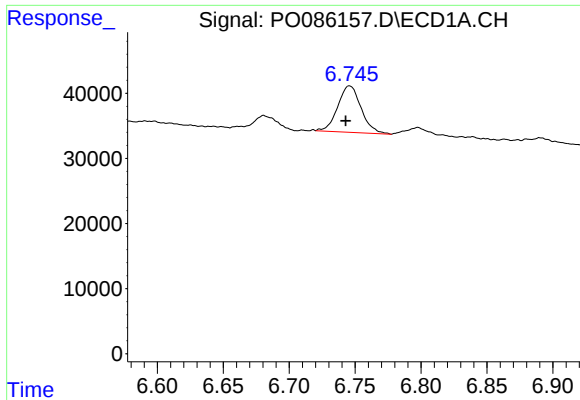
#26 AR-1254-1

R.T.: 6.526 min
Delta R.T.: 0.004 min
Response: 59764
Conc: 17.76 ng/ml



#26 AR-1254-1

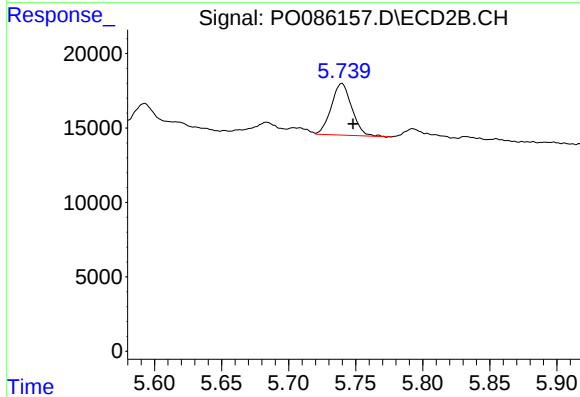
R.T.: 5.593 min
Delta R.T.: -0.008 min
Response: 24549
Conc: 9.75 ng/ml



#27 AR-1254-2

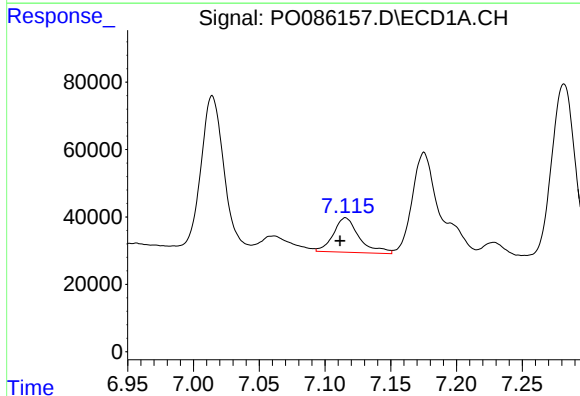
R.T.: 6.746 min
Delta R.T.: 0.003 min
Response: 87827
Conc: 17.85 ng/ml

Instrument :
ECD_O
ClientSampleId :



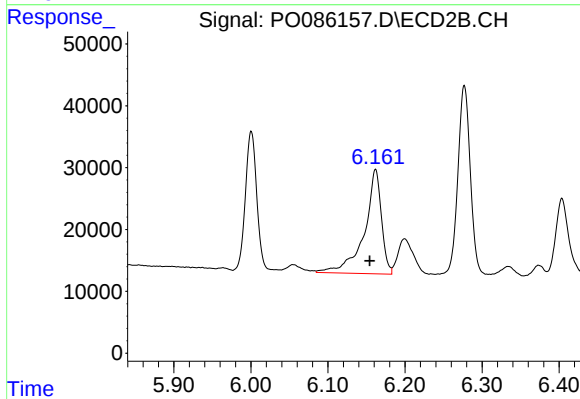
#27 AR-1254-2

R.T.: 5.740 min
Delta R.T.: -0.008 min
Response: 36756
Conc: 16.78 ng/ml



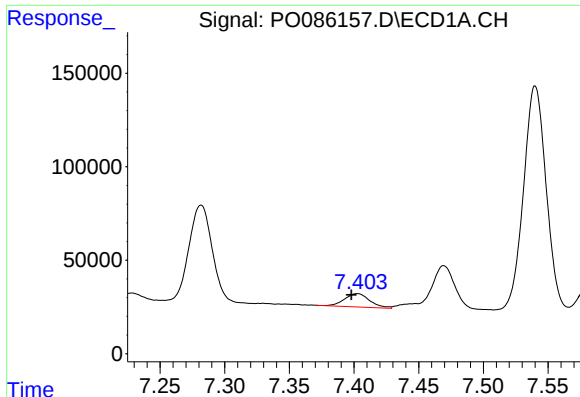
#28 AR-1254-3

R.T.: 7.116 min
Delta R.T.: 0.004 min
Response: 140291
Conc: 27.77 ng/ml



#28 AR-1254-3

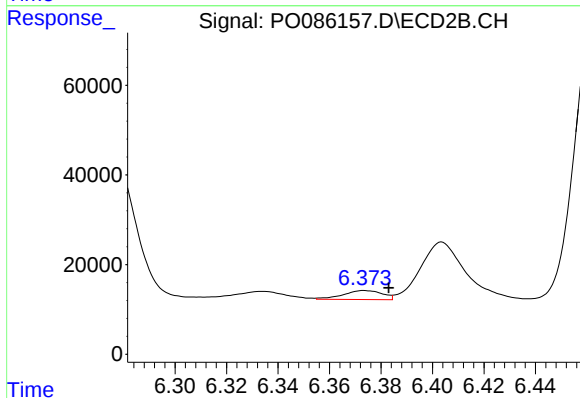
R.T.: 6.162 min
Delta R.T.: 0.008 min
Response: 260503
Conc: 73.73 ng/ml



#29 AR-1254-4

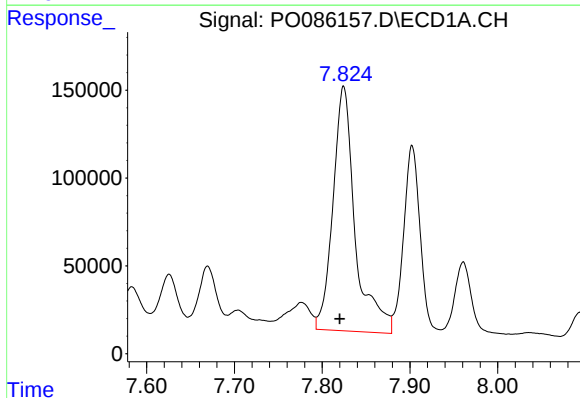
R.T.: 7.403 min
Delta R.T.: 0.005 min
Response: 96492
Conc: 25.91 ng/ml

Instrument :
ECD_O
ClientSampleId :



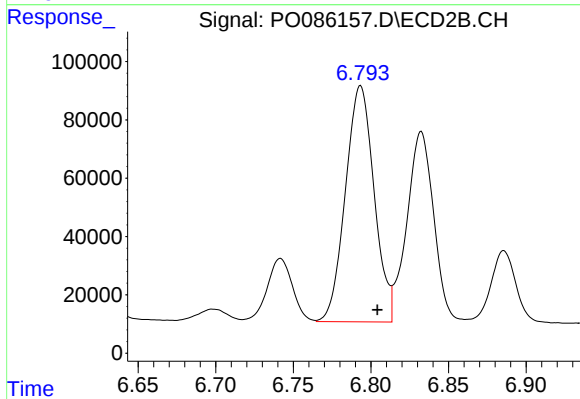
#29 AR-1254-4

R.T.: 6.373 min
Delta R.T.: -0.010 min
Response: 21288
Conc: 9.62 ng/ml



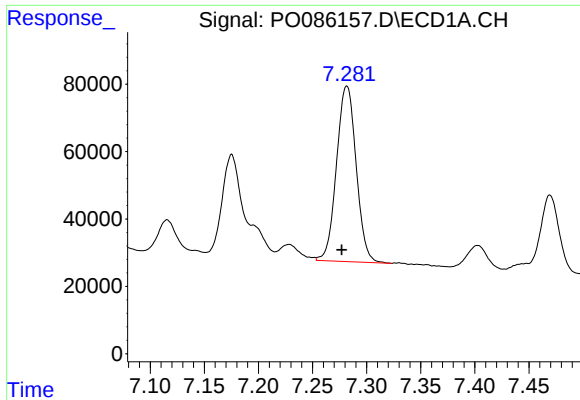
#30 AR-1254-5

R.T.: 7.824 min
Delta R.T.: 0.005 min
Response: 2447617
Conc: 628.16 ng/ml



#30 AR-1254-5

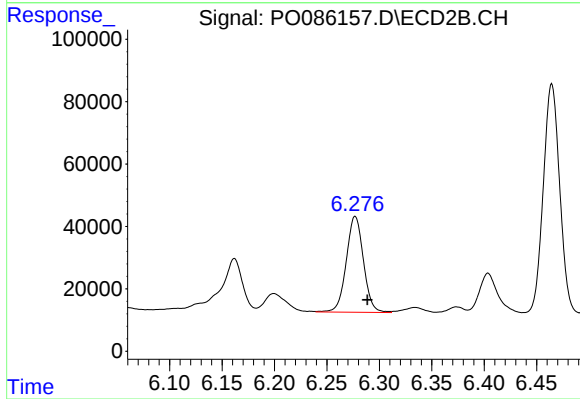
R.T.: 6.793 min
Delta R.T.: -0.011 min
Response: 1042252
Conc: 352.37 ng/ml



#31 AR-1260-1

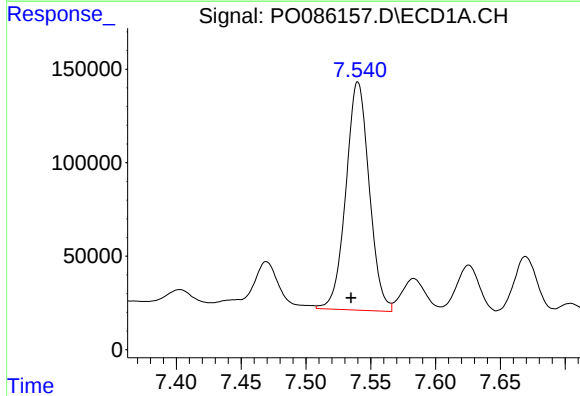
R.T.: 7.282 min
Delta R.T.: 0.005 min
Response: 659323
Conc: 217.86 ng/ml

Instrument :
ECD_O
ClientSampleId :



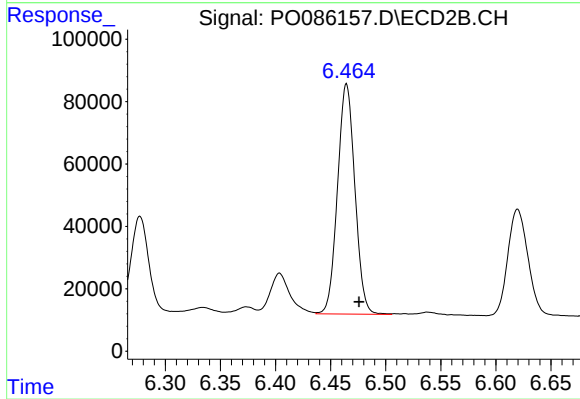
#31 AR-1260-1

R.T.: 6.277 min
Delta R.T.: -0.012 min
Response: 351360
Conc: 180.53 ng/ml



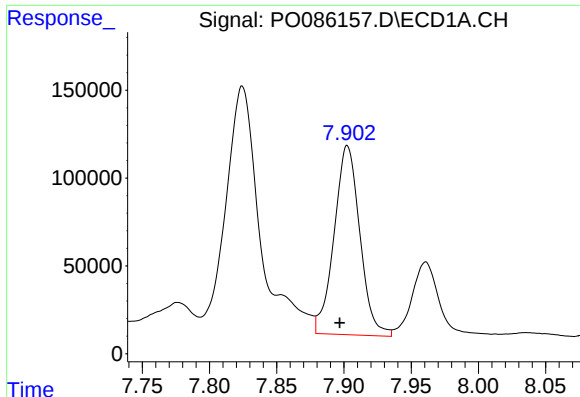
#32 AR-1260-2

R.T.: 7.540 min
Delta R.T.: 0.005 min
Response: 1530038
Conc: 422.96 ng/ml



#32 AR-1260-2

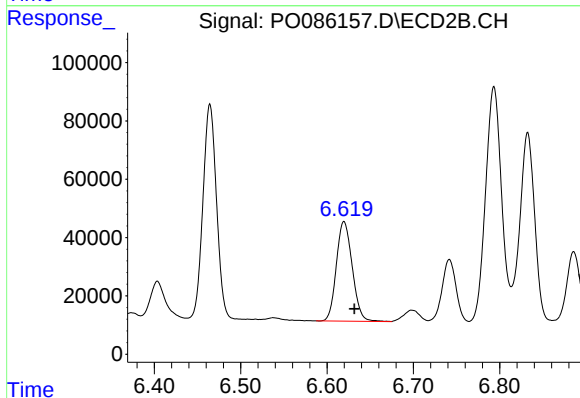
R.T.: 6.464 min
Delta R.T.: -0.011 min
Response: 810006
Conc: 344.64 ng/ml



#33 AR-1260-3

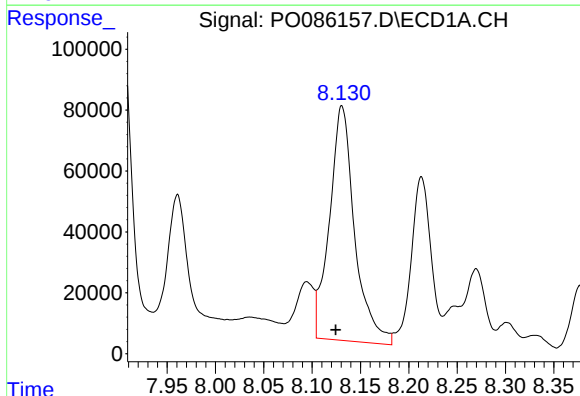
R.T.: 7.902 min
Delta R.T.: 0.006 min
Response: 1431612
Conc: 518.70 ng/ml

Instrument :
ECD_O
ClientSampleId :



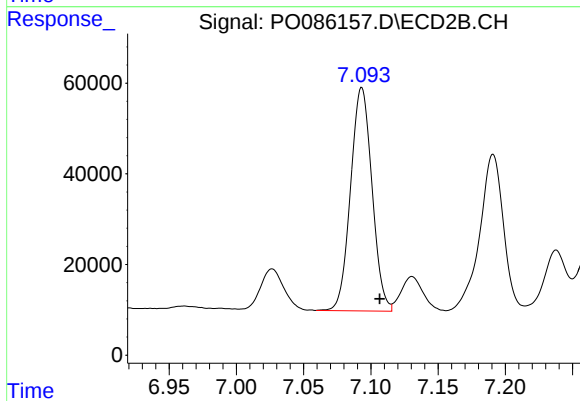
#33 AR-1260-3

R.T.: 6.620 min
Delta R.T.: -0.012 min
Response: 436736
Conc: 203.11 ng/ml



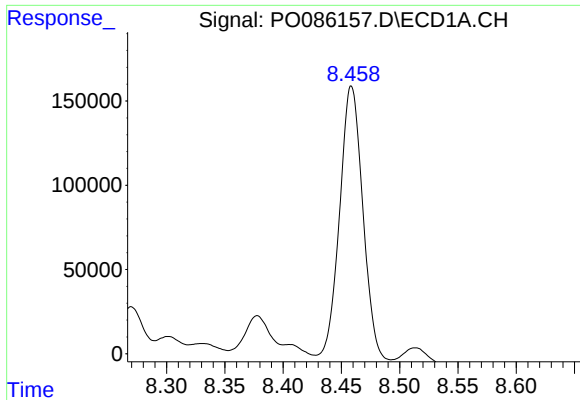
#34 AR-1260-4

R.T.: 8.131 min
Delta R.T.: 0.006 min
Response: 1395699
Conc: 413.67 ng/ml



#34 AR-1260-4

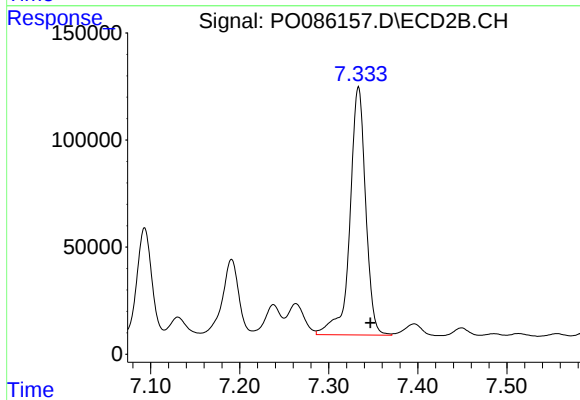
R.T.: 7.093 min
Delta R.T.: -0.013 min
Response: 546556
Conc: 303.54 ng/ml



#35 AR-1260-5

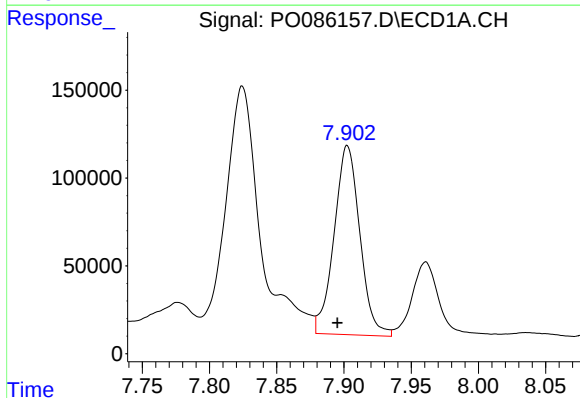
R.T.: 8.459 min
Delta R.T.: 0.006 min
Response: 2309623
Conc: 374.29 ng/ml

Instrument :
ECD_O
ClientSampleId :



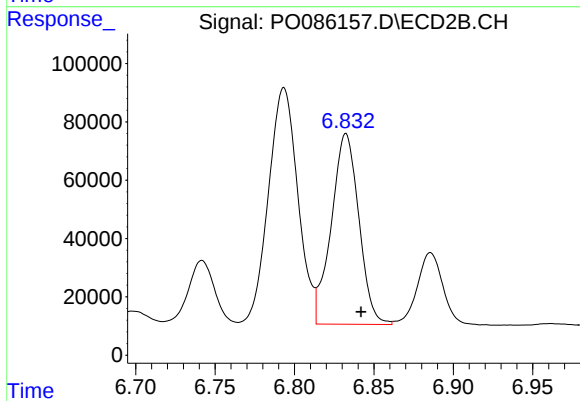
#35 AR-1260-5

R.T.: 7.333 min
Delta R.T.: -0.013 min
Response: 1426653
Conc: 329.34 ng/ml



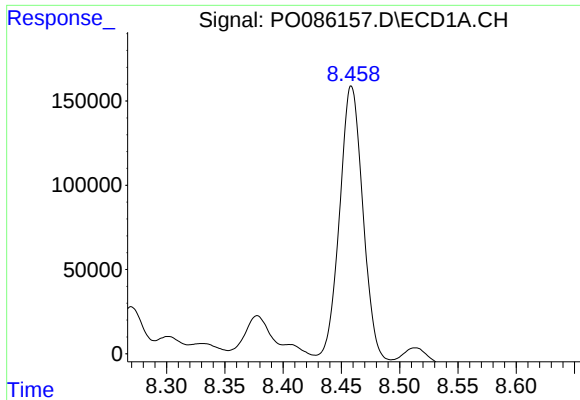
#36 AR-1262-1

R.T.: 7.902 min
Delta R.T.: 0.007 min
Response: 1431612
Conc: 316.54 ng/ml



#36 AR-1262-1

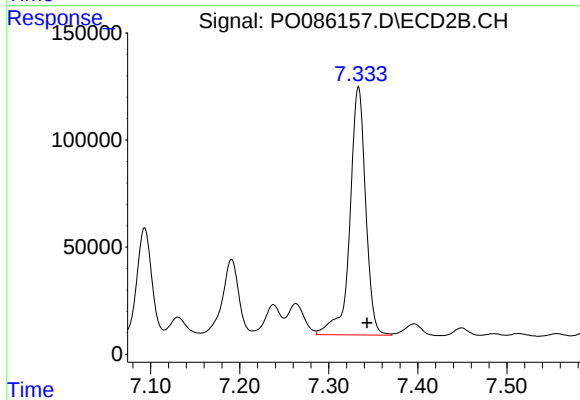
R.T.: 6.832 min
Delta R.T.: -0.010 min
Response: 789308
Conc: 261.23 ng/ml



#37 AR-1262-2

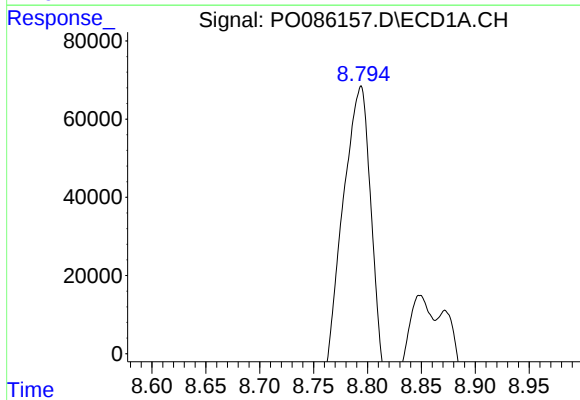
R.T.: 8.459 min
Delta R.T.: 0.009 min
Response: 2309623
Conc: 295.09 ng/ml

Instrument :
ECD_O
ClientSampleId :



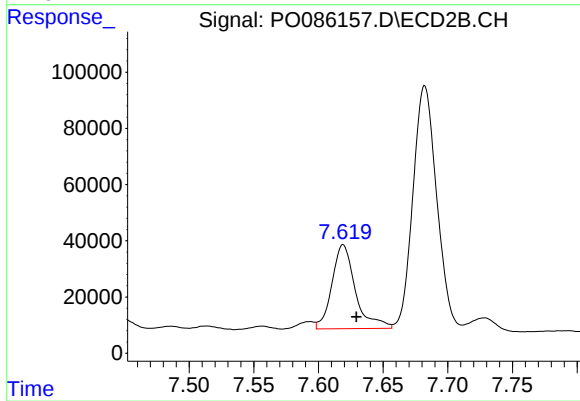
#37 AR-1262-2

R.T.: 7.333 min
Delta R.T.: -0.010 min
Response: 1426653
Conc: 259.71 ng/ml



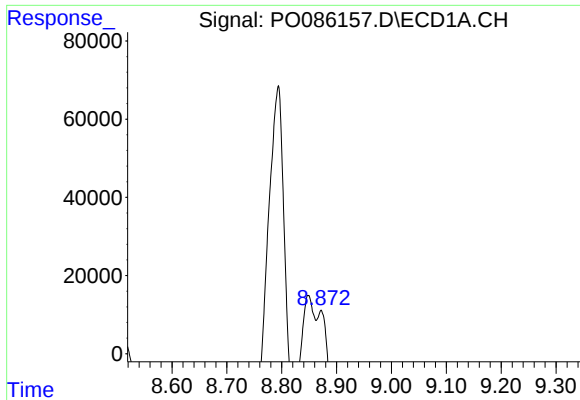
#38 AR-1262-3

R.T.: 8.794 min
Delta R.T.: 0.021 min
Response: 1679522
Conc: 512.68 ng/ml



#38 AR-1262-3

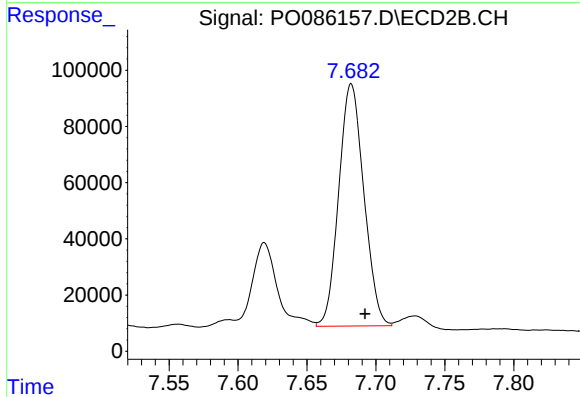
R.T.: 7.619 min
Delta R.T.: -0.010 min
Response: 377729
Conc: 179.19 ng/ml



#39 AR-1262-4

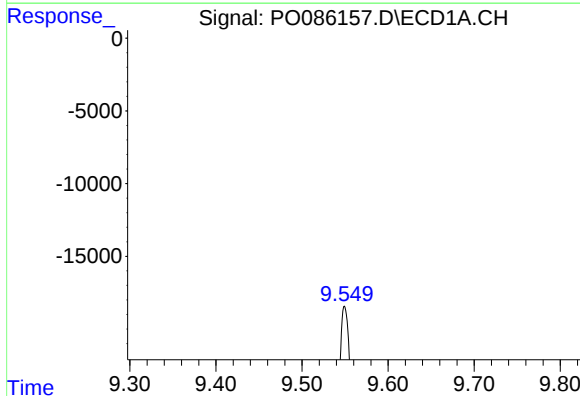
R.T.: 8.872 min
Delta R.T.: 0.008 min
Response: 409103
Conc: 176.88 ng/ml

Instrument :
ECD_O
ClientSampleId :



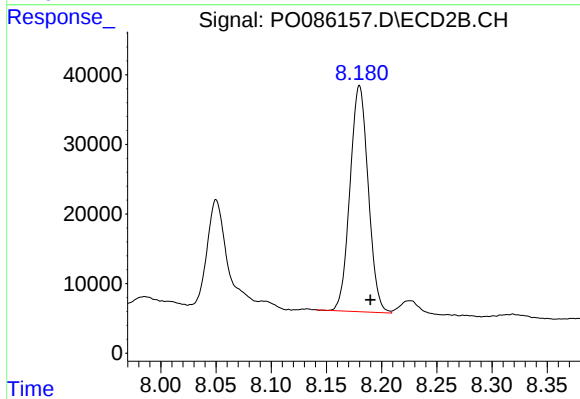
#39 AR-1262-4

R.T.: 7.682 min
Delta R.T.: -0.010 min
Response: 1092599
Conc: 275.66 ng/ml



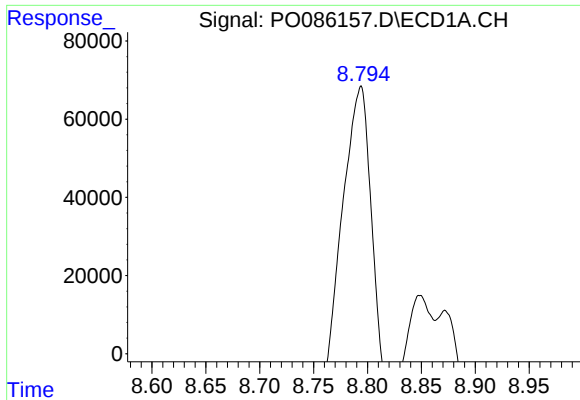
#40 AR-1262-5

R.T.: 9.550 min
Delta R.T.: 0.011 min
Response: 635967
Conc: 230.43 ng/ml



#40 AR-1262-5

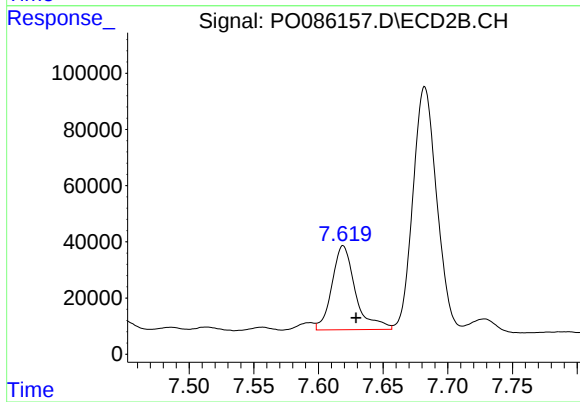
R.T.: 8.180 min
Delta R.T.: -0.010 min
Response: 373631
Conc: 208.56 ng/ml



#41 AR-1268-1

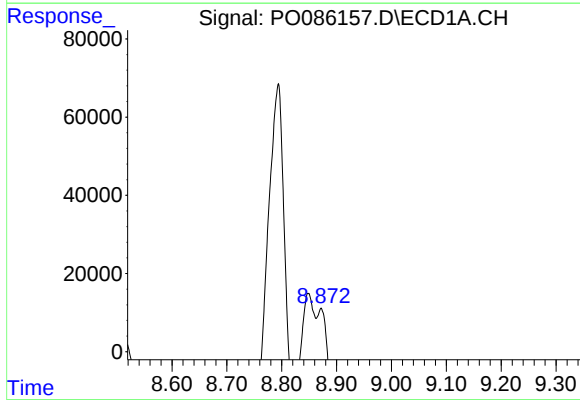
R.T.: 8.794 min
Delta R.T.: 0.024 min
Response: 1679522
Conc: 192.37 ng/ml

Instrument :
ECD_O
ClientSampleId :



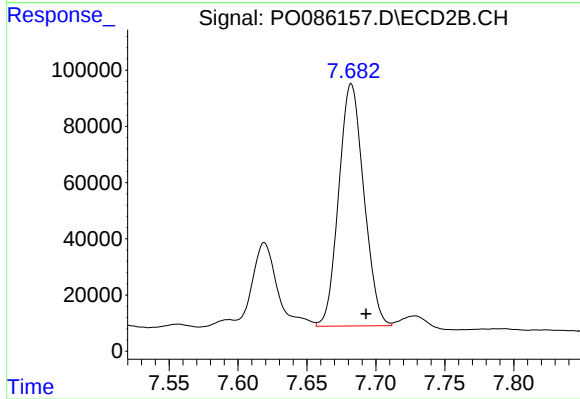
#41 AR-1268-1

R.T.: 7.619 min
Delta R.T.: -0.010 min
Response: 377729
Conc: 61.90 ng/ml



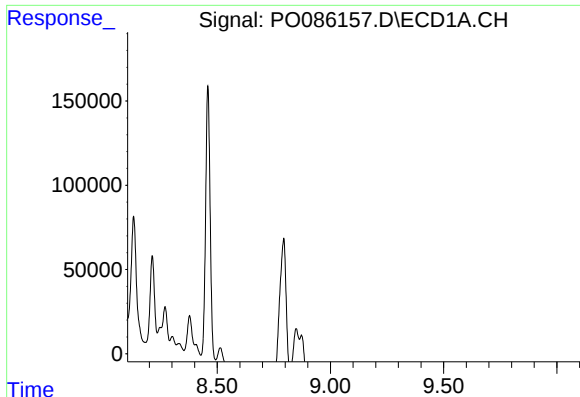
#42 AR-1268-2

R.T.: 8.872 min
Delta R.T.: 0.005 min
Response: 409103
Conc: 51.15 ng/ml



#42 AR-1268-2

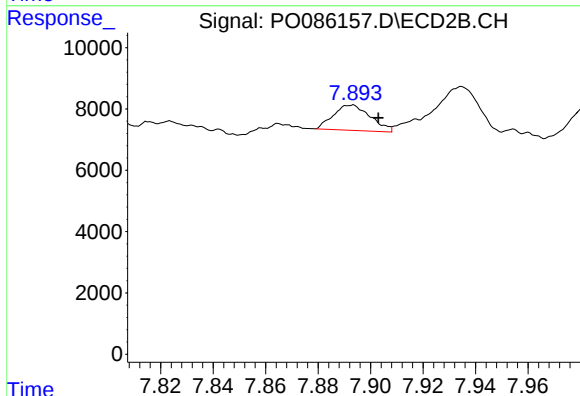
R.T.: 7.682 min
Delta R.T.: -0.011 min
Response: 1092599
Conc: 199.03 ng/ml



#43 AR-1268-3

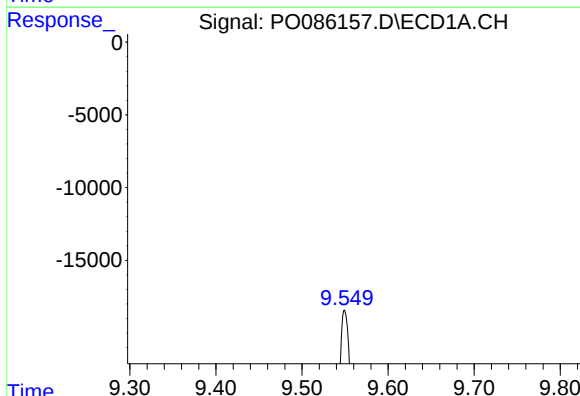
R.T.: 0.000 min
Exp R.T.: 9.104 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



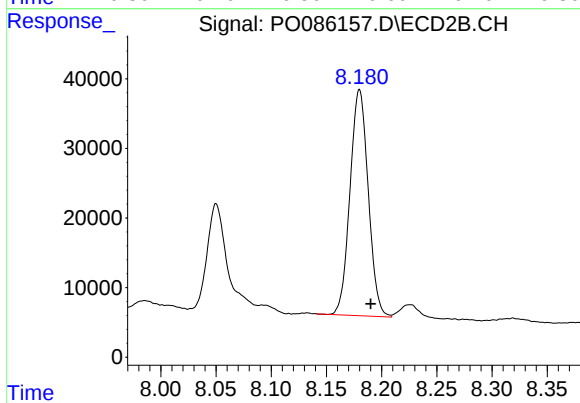
#43 AR-1268-3

R.T.: 7.893 min
Delta R.T.: -0.011 min
Response: 8073
Conc: 1.78 ng/ml



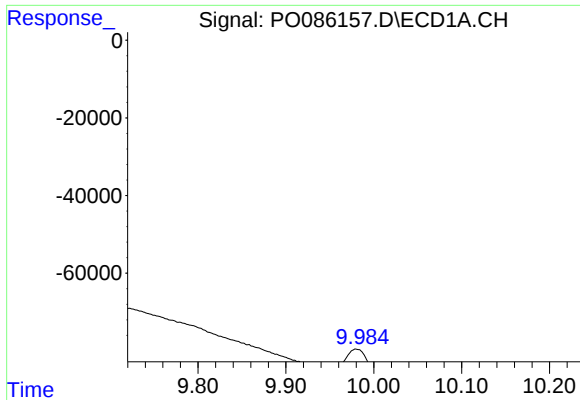
#44 AR-1268-4

R.T.: 9.550 min
Delta R.T.: 0.009 min
Response: 635967
Conc: 210.63 ng/ml



#44 AR-1268-4

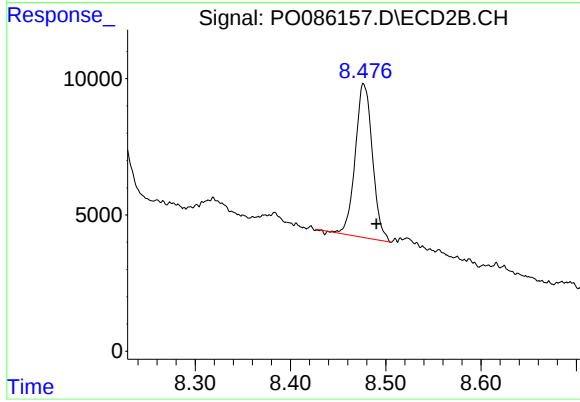
R.T.: 8.180 min
Delta R.T.: -0.010 min
Response: 373631
Conc: 191.36 ng/ml



#45 AR-1268-5

R.T.: 9.980 min
Delta R.T.: 0.009 min
Response: 141149
Conc: 6.45 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.477 min
Delta R.T.: -0.013 min
Response: 70505
Conc: 4.81 ng/ml