

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD031819\
 Data File : PD051860.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 18 Mar 2019 19:12
 Operator : AJ\SJ
 Sample : K1948-08MS
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 INV-025-SW02-031319MS

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 19 02:38:46 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD030219.M
 Quant Title : GC Extractables
 QLast Update : Fri Mar 01 23:43:17 2019
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.222	4.043	28685415	539.4E6	21.634	18.809
28)	SA Decachlor...	7.820	9.155	17476364	269.4E6	15.375	14.748
Target Compounds							
2)	A alpha-BHC	3.643	4.436	110.5E6	1935.3E6	50.324	44.357
3)	MA gamma-BHC...	3.911	4.723	104.0E6	1758.5E6	49.782	44.398
4)	MA Heptachlor	4.188	5.236	105.4E6	1707.9E6	49.141	44.536
5)	MB Aldrin	4.420	5.543	101.2E6	1584.7E6	49.697	44.243
6)	B beta-BHC	4.156	4.893	42668087	777.1E6	48.460	43.237
7)	B delta-BHC	4.345	5.112	101.3E6	1265.6E6	49.942	36.828 #
8)	B Heptachlo...	4.847	5.930	96798227	1285.7E6	49.236	40.096
9)	A Endosulfan I	5.169	6.289	90903245	1348.0E6	49.050	45.470
10)	B gamma-Chl...	5.064	6.166	99633911	1318.7E6	49.169	41.236
11)	B alpha-Chl...	5.120	6.239	98222920	1426.1E6	48.873	44.995
12)	B 4,4'-DDE	5.290	6.394	95636906	1392.3E6	51.051	45.017
13)	MA Dieldrin	5.404	6.548	100.5E6	1390.6E6	50.006	45.067
14)	MA Endrin	5.651	6.767	92049266	1139.6E6	48.045	43.644
15)	B Endosulfa...	5.921	6.976	86699289	999.2E6	48.109	38.788
16)	A 4,4'-DDD	5.791	6.886	77401019	1151.9E6	49.161	46.898
17)	MA 4,4'-DDT	6.022	7.187	77278472	948.6E6	48.369	46.826
18)	B Endrin al...	6.088	7.100	69741917	935.1E6	47.149	43.612
19)	B Endosulfa...	6.296	7.323	76285597	1037.7E6	46.141	44.271
20)	A Methoxychlor	6.569	7.646	40017547	484.0E6	45.061	43.976
21)	B Endrin ke...	6.771	7.797	85277639	987.2E6	46.068	43.697
22)	Mirex	6.940	8.255	57594996	646.4E6	45.785	41.773
23)	Chlordane-1	0.000	5.022f	0	6186978	N.D.	4.041 #
24)	Chlordane-2	0.000	5.543f	0	1584.7E6	N.D.	1117.550 #
25)	Chlordane-3	5.064	6.166	99633911	1318.7E6	428.091	296.128 #
26)	Chlordane-4	5.120	6.239	98222920	1426.1E6	439.266	272.304 #
27)	Chlordane-5	5.921	0.000	86699289	0	1207.062	N.D. #

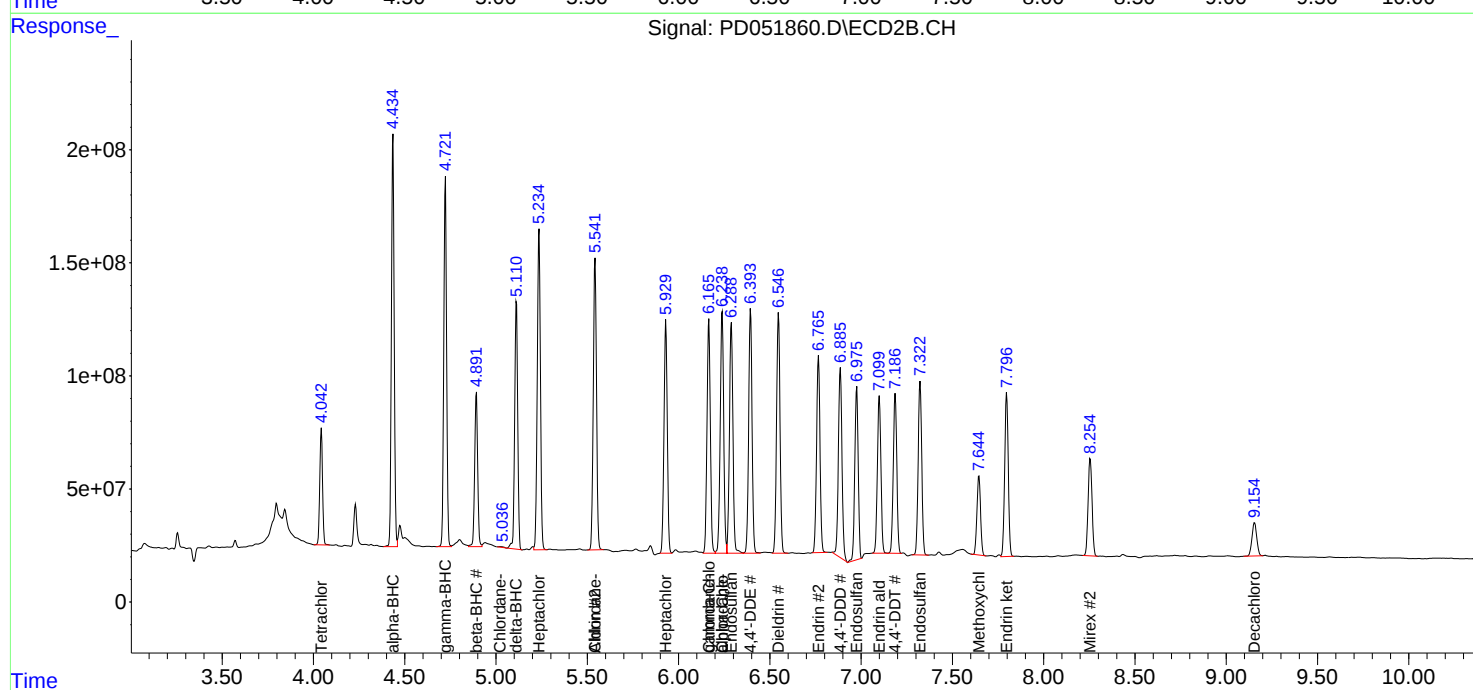
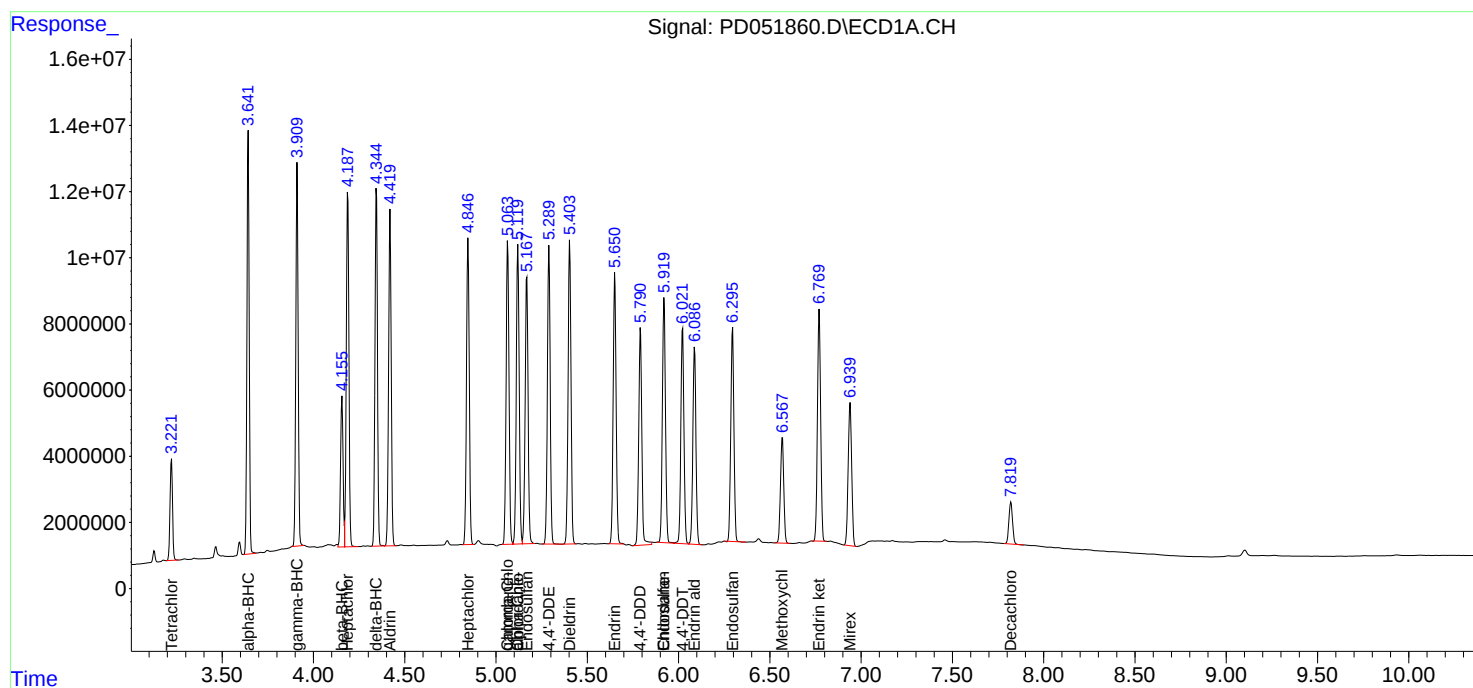
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

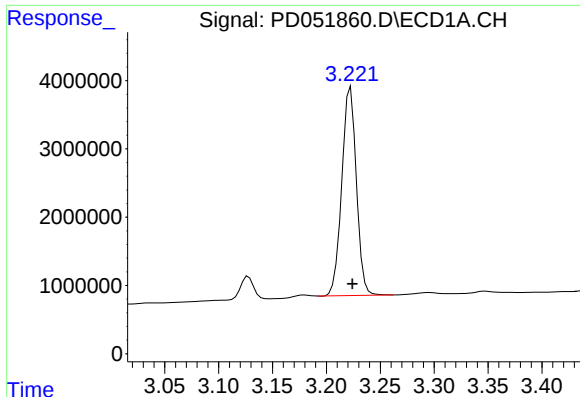
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD031819\
 Data File : PD051860.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
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 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
 Signal #1 Info : 30M x 0.32mm x 0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

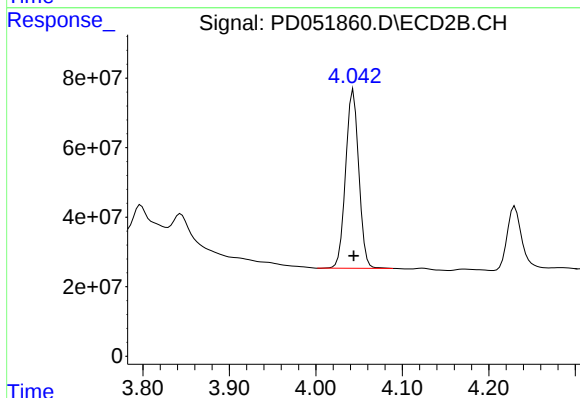




#1 Tetrachloro-m-xylene

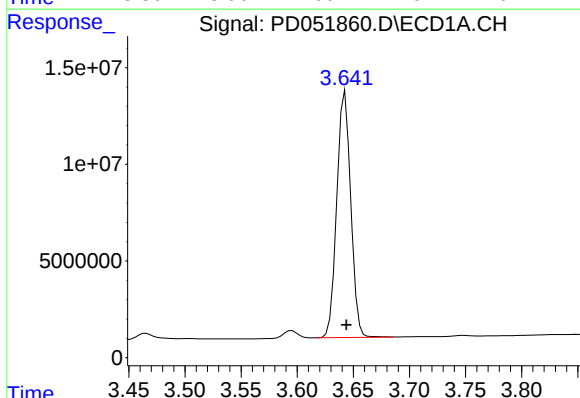
R.T.: 3.222 min
Delta R.T.: -0.002 min
Response: 28685415
Conc: 21.63 ng/ml

Instrument :
ECD_D
ClientSampleId :
INV-025-SW02-031319MS



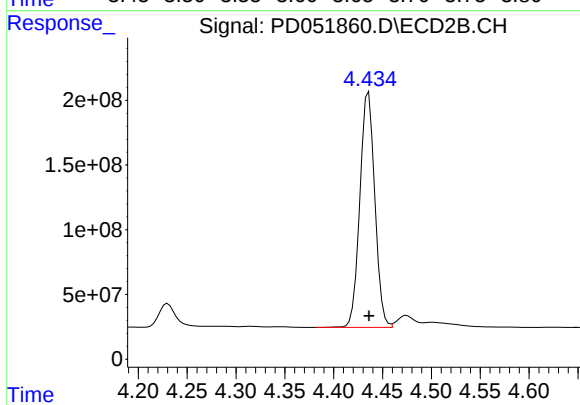
#1 Tetrachloro-m-xylene

R.T.: 4.043 min
Delta R.T.: 0.000 min
Response: 539375568
Conc: 18.81 ng/ml



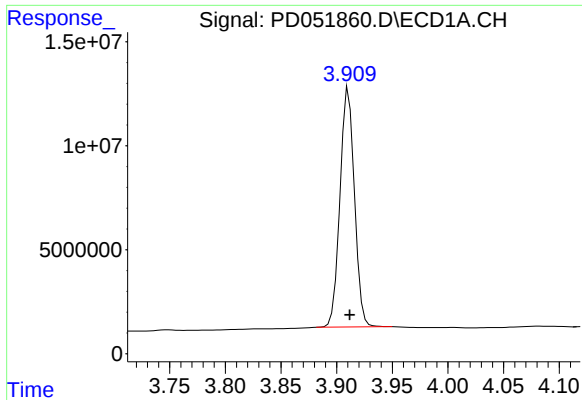
#2 alpha-BHC

R.T.: 3.643 min
Delta R.T.: -0.001 min
Response: 110471652
Conc: 50.32 ng/ml



#2 alpha-BHC

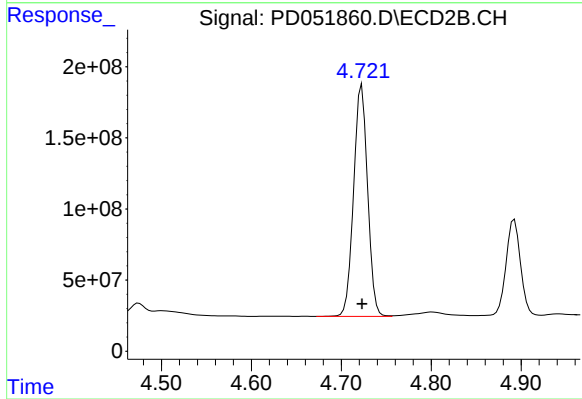
R.T.: 4.436 min
Delta R.T.: 0.000 min
Response: 1935309741
Conc: 44.36 ng/ml



#3 gamma-BHC (Lindane)

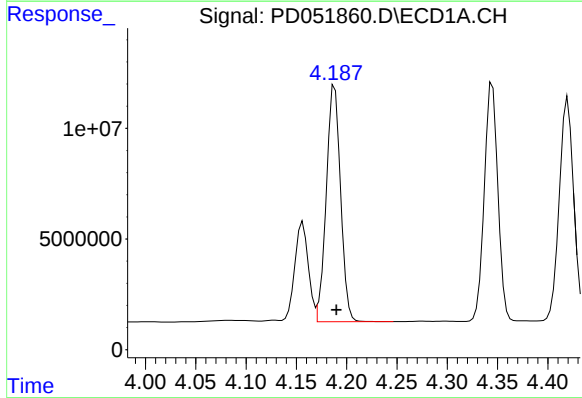
R.T.: 3.911 min
Delta R.T.: -0.001 min
Response: 104008023
Conc: 49.78 ng/ml

Instrument :
ECD_D
ClientSampleId :
INV-025-SW02-031319MS



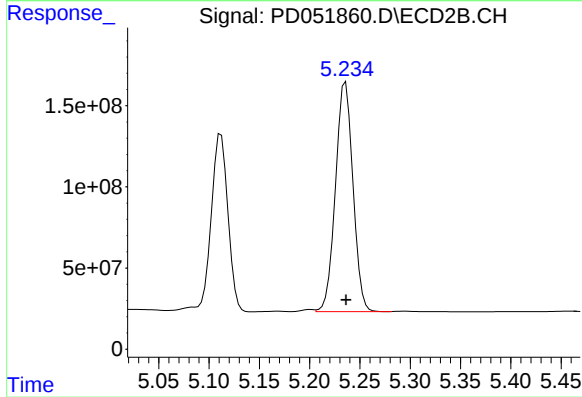
#3 gamma-BHC (Lindane)

R.T.: 4.723 min
Delta R.T.: 0.000 min
Response: 1758485941
Conc: 44.40 ng/ml



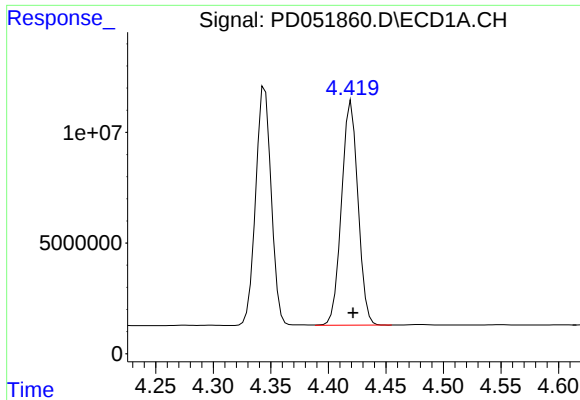
#4 Heptachlor

R.T.: 4.188 min
Delta R.T.: -0.001 min
Response: 105427861
Conc: 49.14 ng/ml



#4 Heptachlor

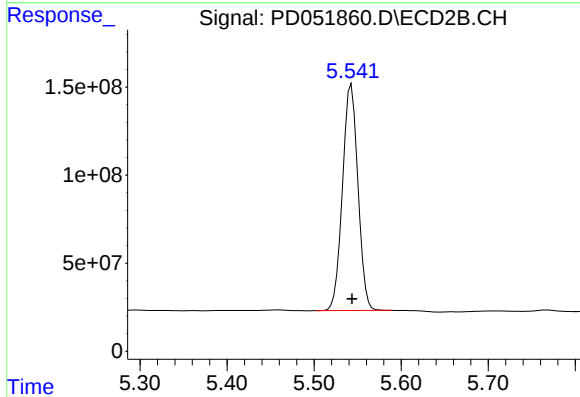
R.T.: 5.236 min
Delta R.T.: 0.000 min
Response: 1707946272
Conc: 44.54 ng/ml



#5 Aldrin

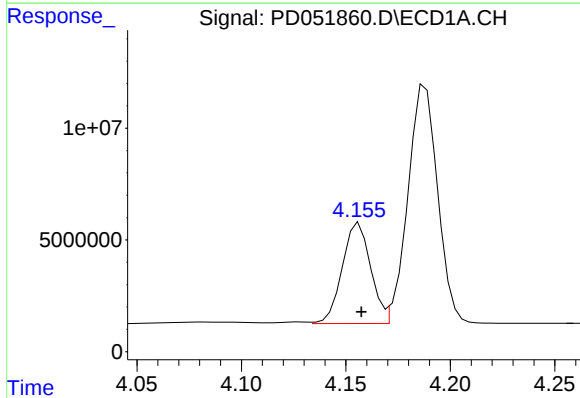
R.T.: 4.420 min
Delta R.T.: -0.002 min
Response: 101166682
Conc: 49.70 ng/ml

Instrument :
ECD_D
ClientSampleId :
INV-025-SW02-031319MS



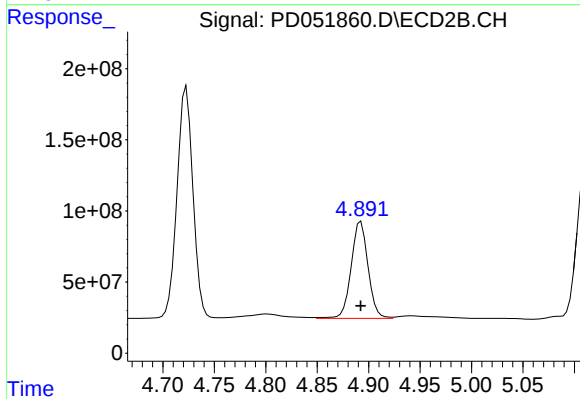
#5 Aldrin

R.T.: 5.543 min
Delta R.T.: 0.000 min
Response: 1584675730
Conc: 44.24 ng/ml



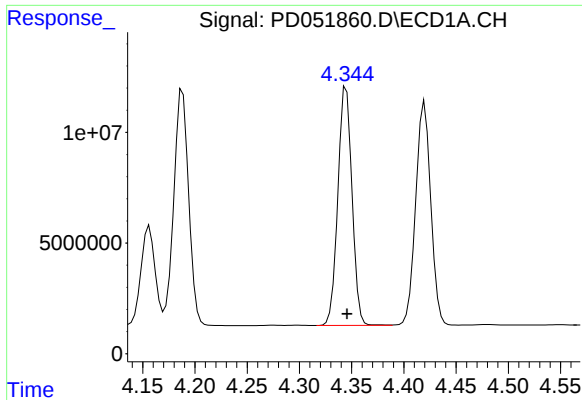
#6 beta-BHC

R.T.: 4.156 min
Delta R.T.: -0.001 min
Response: 42668087
Conc: 48.46 ng/ml



#6 beta-BHC

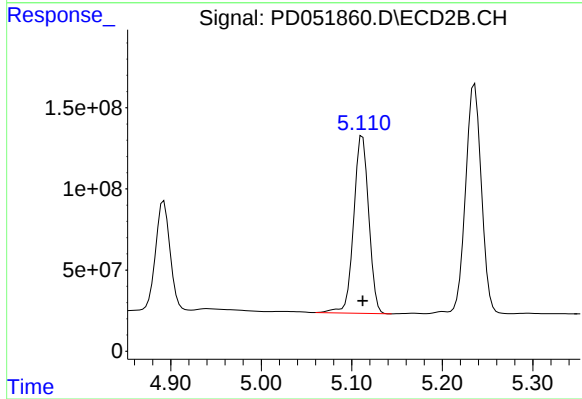
R.T.: 4.893 min
Delta R.T.: 0.000 min
Response: 777111797
Conc: 43.24 ng/ml



#7 delta-BHC

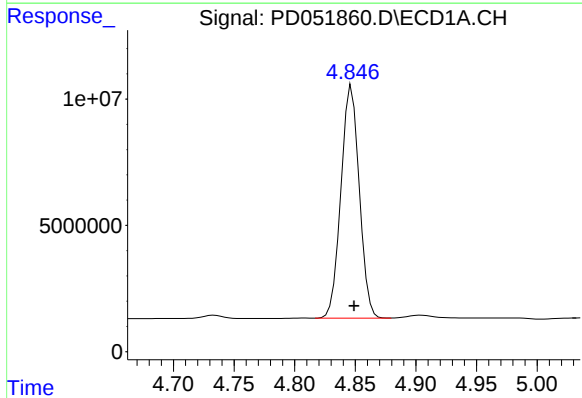
R.T.: 4.345 min
Delta R.T.: 0.000 min
Response: 101274079
Conc: 49.94 ng/ml

Instrument :
ECD_D
ClientSampleId :
INV-025-SW02-031319MS



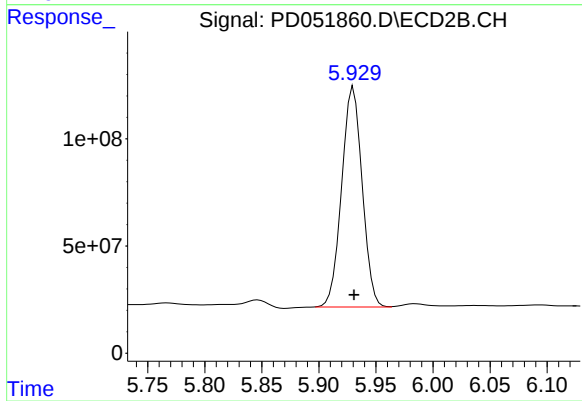
#7 delta-BHC

R.T.: 5.112 min
Delta R.T.: 0.000 min
Response: 1265639407
Conc: 36.83 ng/ml



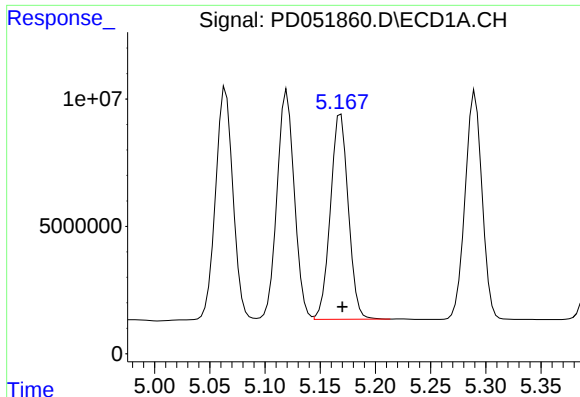
#8 Heptachlor epoxide

R.T.: 4.847 min
Delta R.T.: -0.002 min
Response: 96798227
Conc: 49.24 ng/ml



#8 Heptachlor epoxide

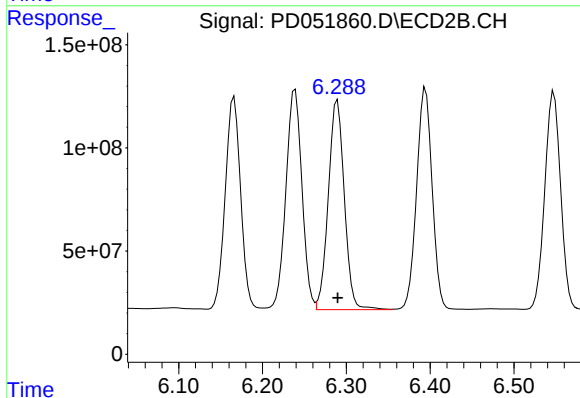
R.T.: 5.930 min
Delta R.T.: 0.000 min
Response: 1285680886
Conc: 40.10 ng/ml



#9 Endosulfan I

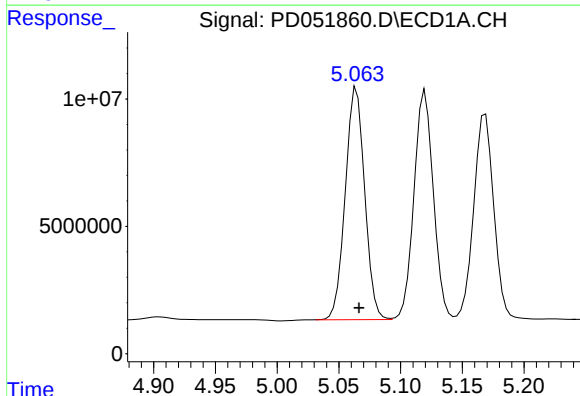
R.T.: 5.169 min
Delta R.T.: -0.001 min
Response: 90903245
Conc: 49.05 ng/ml

Instrument :
ECD_D
ClientSampleId :
INV-025-SW02-031319MS



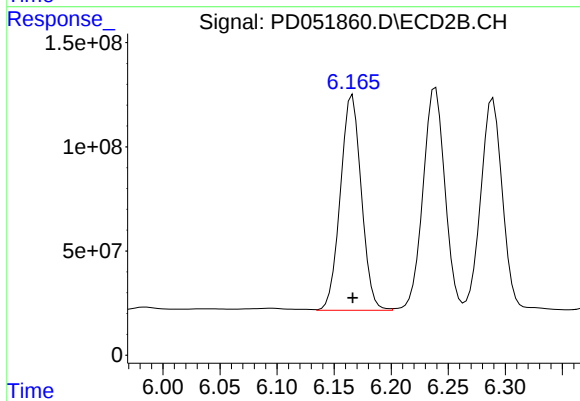
#9 Endosulfan I

R.T.: 6.289 min
Delta R.T.: 0.000 min
Response: 1347986083
Conc: 45.47 ng/ml



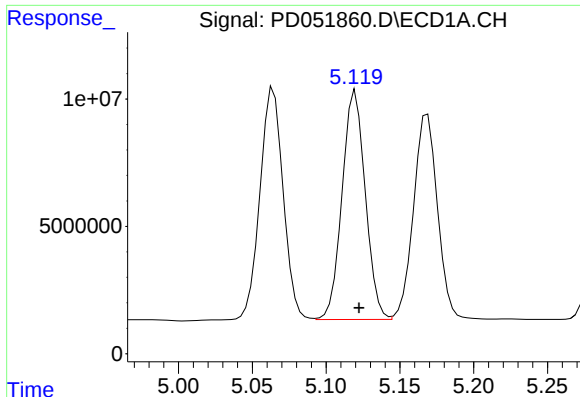
#10 gamma-Chlordane

R.T.: 5.064 min
Delta R.T.: -0.002 min
Response: 99633911
Conc: 49.17 ng/ml



#10 gamma-Chlordane

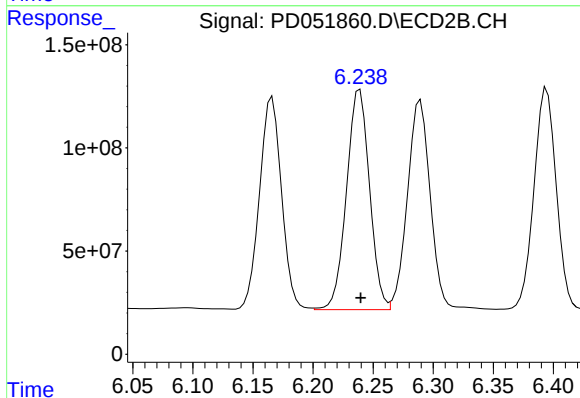
R.T.: 6.166 min
Delta R.T.: 0.000 min
Response: 1318691410
Conc: 41.24 ng/ml



#11 alpha-Chlordane

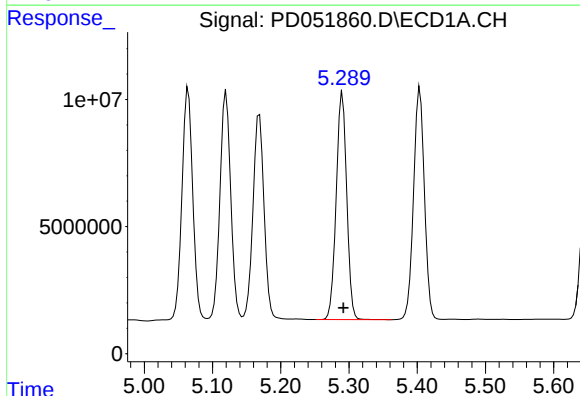
R.T.: 5.120 min
Delta R.T.: -0.002 min
Response: 98222920
Conc: 48.87 ng/ml

Instrument :
ECD_D
ClientSampleId :
INV-025-SW02-031319MS



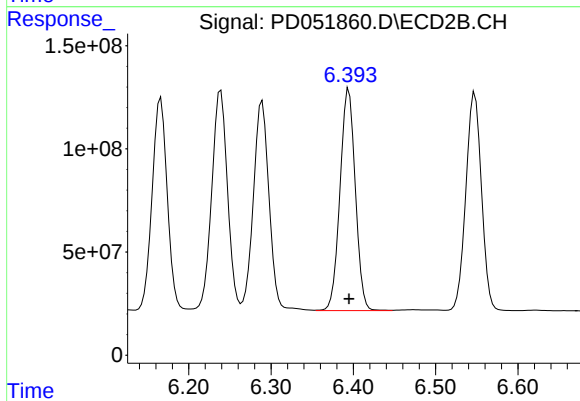
#11 alpha-Chlordane

R.T.: 6.239 min
Delta R.T.: 0.000 min
Response: 1426074119
Conc: 45.00 ng/ml



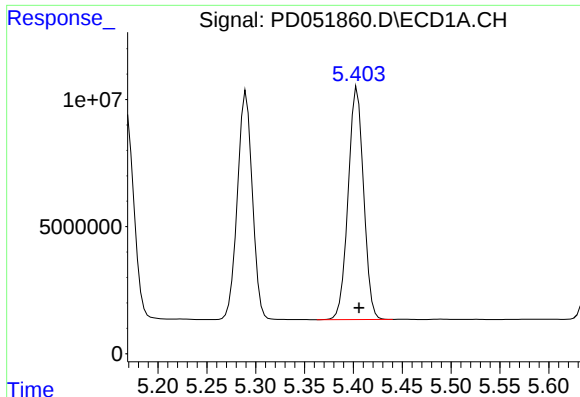
#12 4,4'-DDE

R.T.: 5.290 min
Delta R.T.: -0.001 min
Response: 95636906
Conc: 51.05 ng/ml



#12 4,4'-DDE

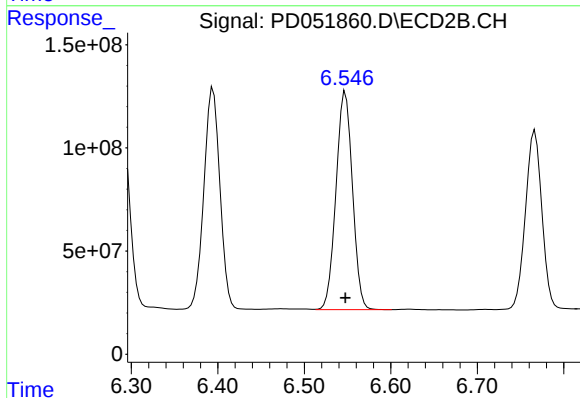
R.T.: 6.394 min
Delta R.T.: 0.000 min
Response: 1392349285
Conc: 45.02 ng/ml



#13 Dieldrin

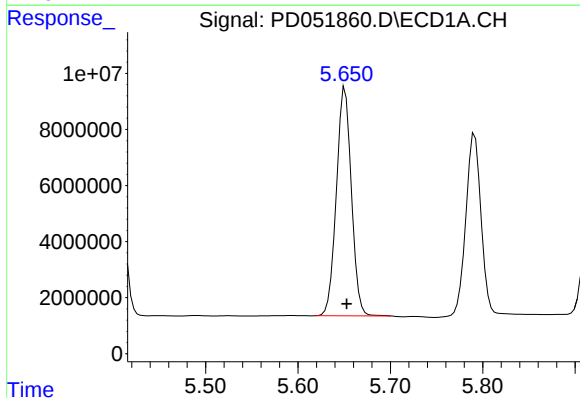
R.T.: 5.404 min
Delta R.T.: -0.002 min
Response: 100528071
Conc: 50.01 ng/ml

Instrument :
ECD_D
ClientSampleId :
INV-025-SW02-031319MS



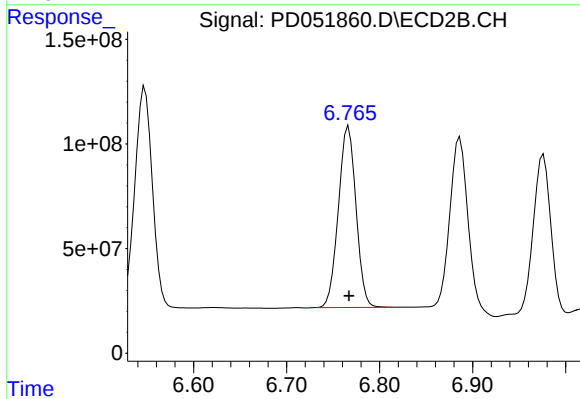
#13 Dieldrin

R.T.: 6.548 min
Delta R.T.: 0.000 min
Response: 1390579111
Conc: 45.07 ng/ml



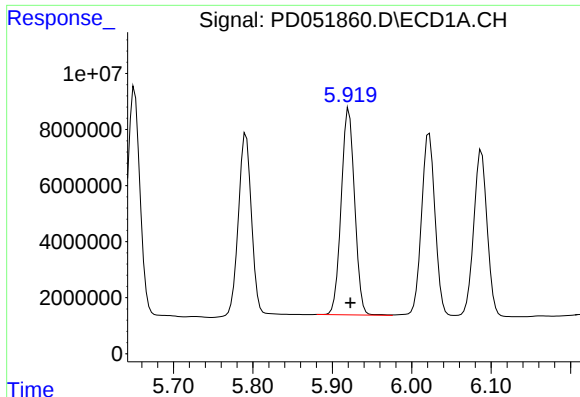
#14 Endrin

R.T.: 5.651 min
Delta R.T.: -0.002 min
Response: 92049266
Conc: 48.04 ng/ml



#14 Endrin

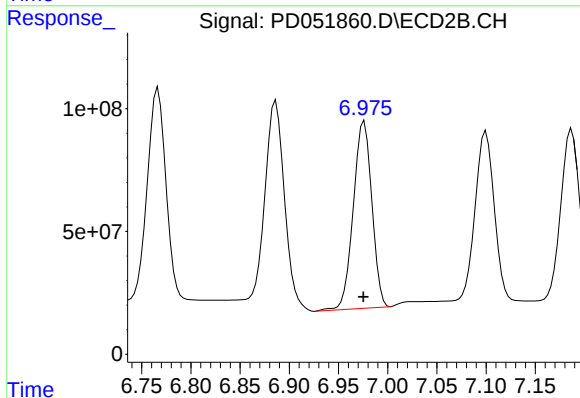
R.T.: 6.767 min
Delta R.T.: 0.000 min
Response: 1139629327
Conc: 43.64 ng/ml



#15 Endosulfan II

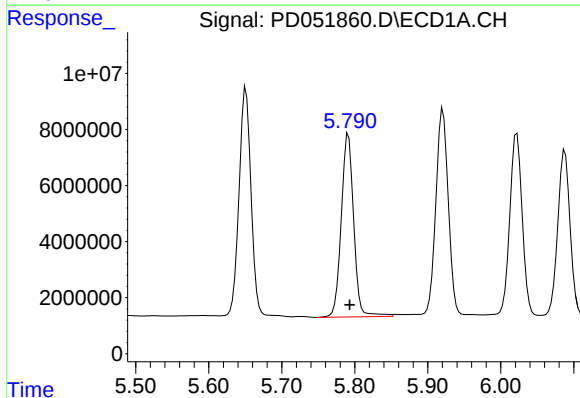
R.T.: 5.921 min
Delta R.T.: -0.002 min
Response: 86699289
Conc: 48.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
INV-025-SW02-031319MS



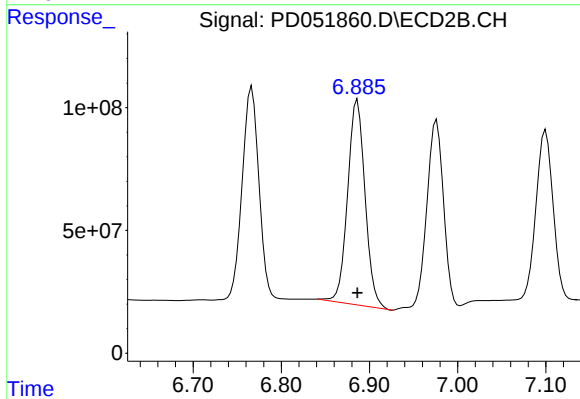
#15 Endosulfan II

R.T.: 6.976 min
Delta R.T.: 0.000 min
Response: 999155366
Conc: 38.79 ng/ml



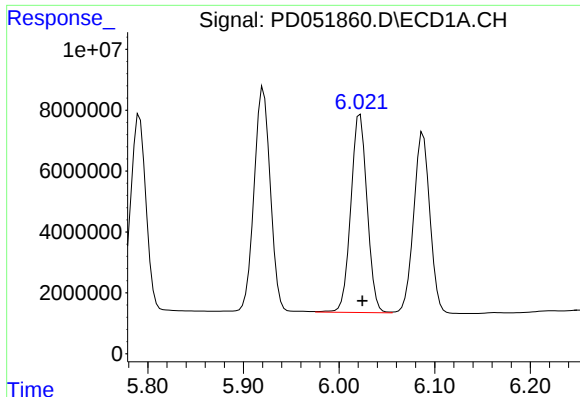
#16 4,4'-DDD

R.T.: 5.791 min
Delta R.T.: -0.002 min
Response: 77401019
Conc: 49.16 ng/ml



#16 4,4'-DDD

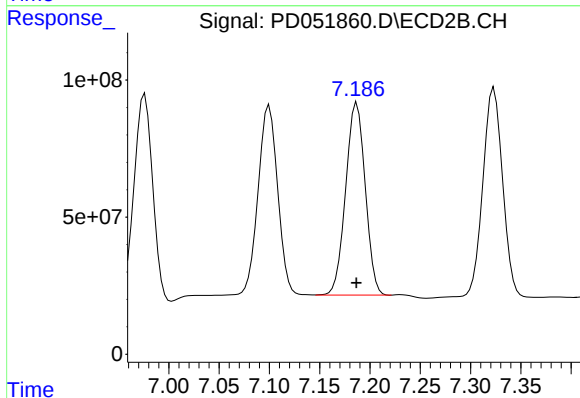
R.T.: 6.886 min
Delta R.T.: 0.000 min
Response: 1151897112
Conc: 46.90 ng/ml



#17 4,4'-DDT

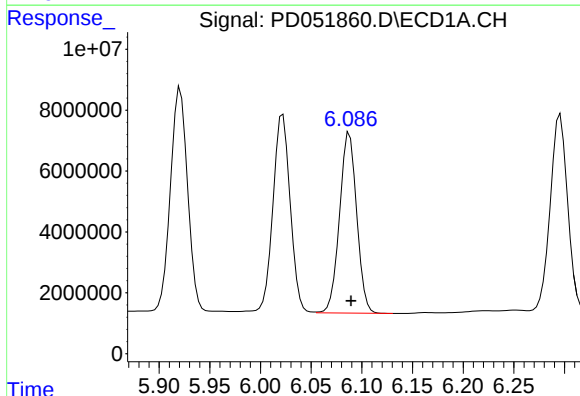
R.T.: 6.022 min
Delta R.T.: -0.002 min
Response: 77278472
Conc: 48.37 ng/ml

Instrument :
ECD_D
ClientSampleId :
INV-025-SW02-031319MS



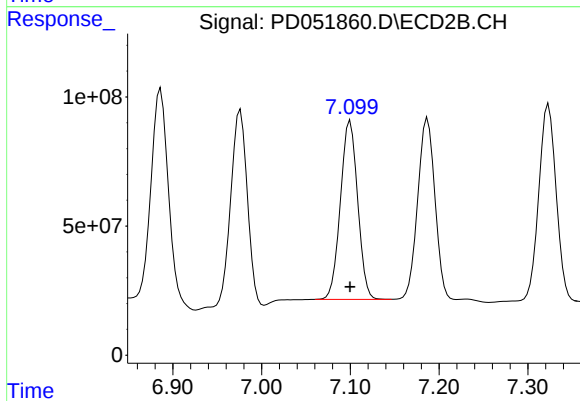
#17 4,4'-DDT

R.T.: 7.187 min
Delta R.T.: 0.000 min
Response: 948551453
Conc: 46.83 ng/ml



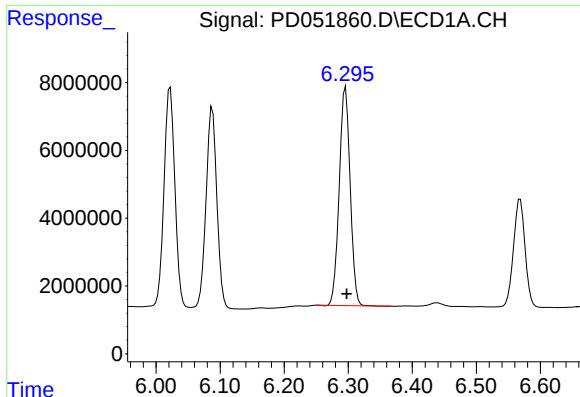
#18 Endrin aldehyde

R.T.: 6.088 min
Delta R.T.: -0.002 min
Response: 69741917
Conc: 47.15 ng/ml



#18 Endrin aldehyde

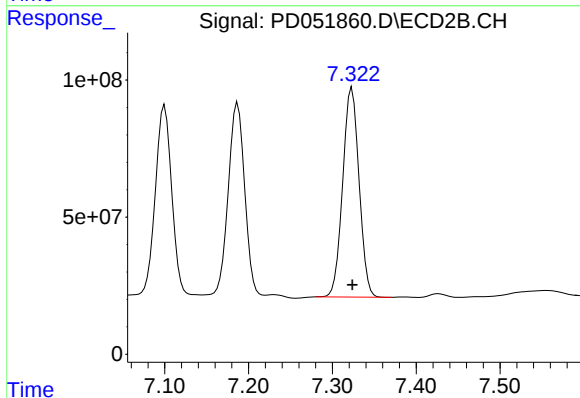
R.T.: 7.100 min
Delta R.T.: 0.000 min
Response: 935058777
Conc: 43.61 ng/ml



#19 Endosulfan Sulfate

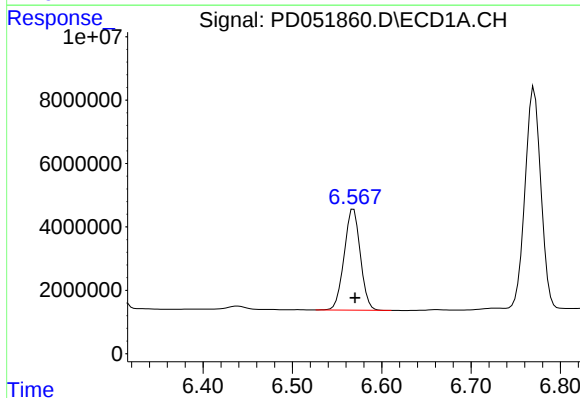
R.T.: 6.296 min
Delta R.T.: -0.002 min
Response: 76285597
Conc: 46.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
INV-025-SW02-031319MS



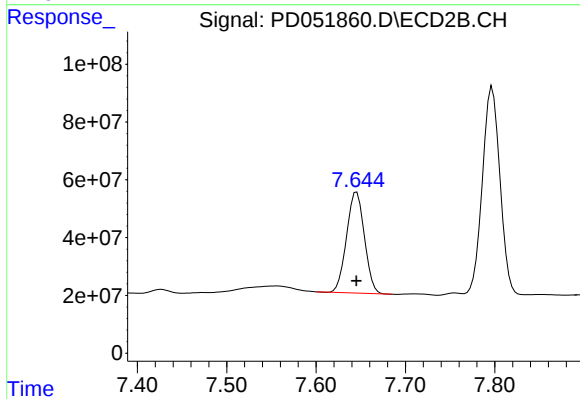
#19 Endosulfan Sulfate

R.T.: 7.323 min
Delta R.T.: 0.000 min
Response: 1037728727
Conc: 44.27 ng/ml



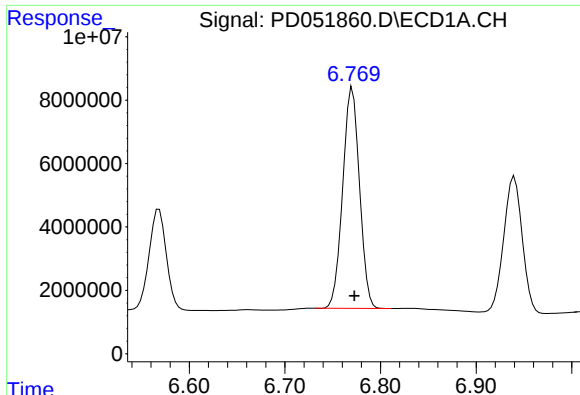
#20 Methoxychlor

R.T.: 6.569 min
Delta R.T.: -0.002 min
Response: 40017547
Conc: 45.06 ng/ml



#20 Methoxychlor

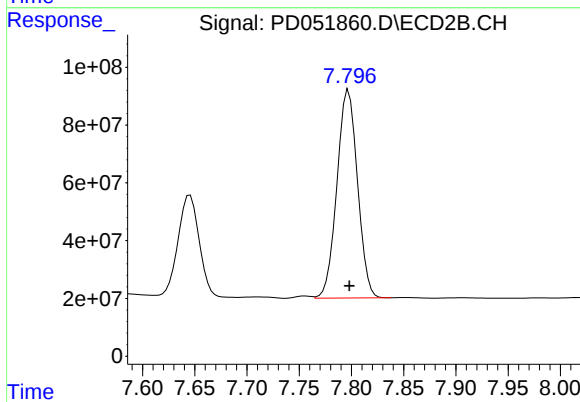
R.T.: 7.646 min
Delta R.T.: 0.000 min
Response: 484038552
Conc: 43.98 ng/ml



#21 Endrin ketone

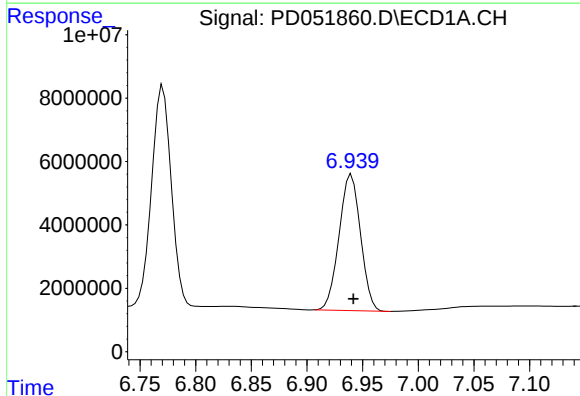
R.T.: 6.771 min
Delta R.T.: -0.002 min
Response: 85277639
Conc: 46.07 ng/ml

Instrument :
ECD_D
ClientSampleId :
INV-025-SW02-031319MS



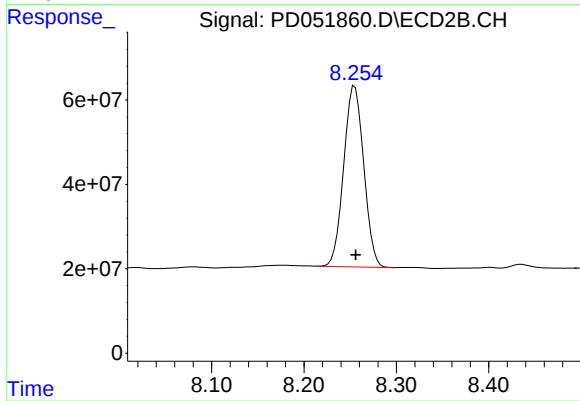
#21 Endrin ketone

R.T.: 7.797 min
Delta R.T.: 0.000 min
Response: 987205896
Conc: 43.70 ng/ml



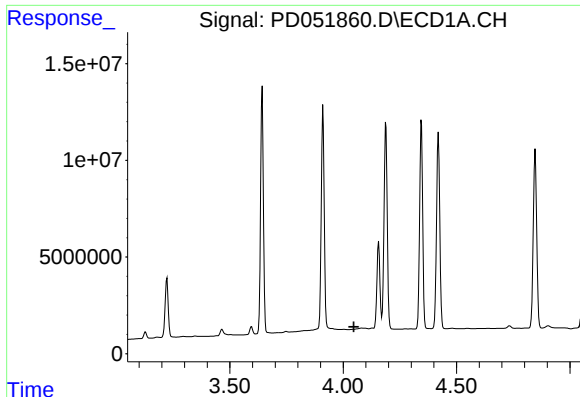
#22 Mirex

R.T.: 6.940 min
Delta R.T.: -0.002 min
Response: 57594996
Conc: 45.78 ng/ml



#22 Mirex

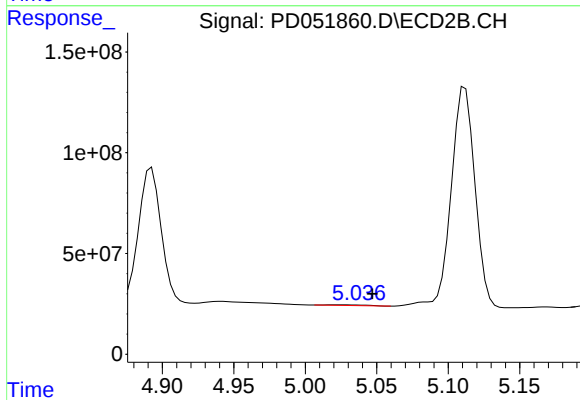
R.T.: 8.255 min
Delta R.T.: 0.000 min
Response: 646426602
Conc: 41.77 ng/ml



#23 Chlordane-1

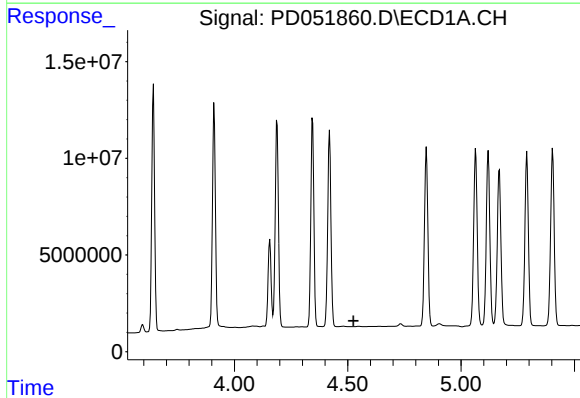
R.T.: 0.000 min
Exp R.T.: 4.046 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
INV-025-SW02-031319MS



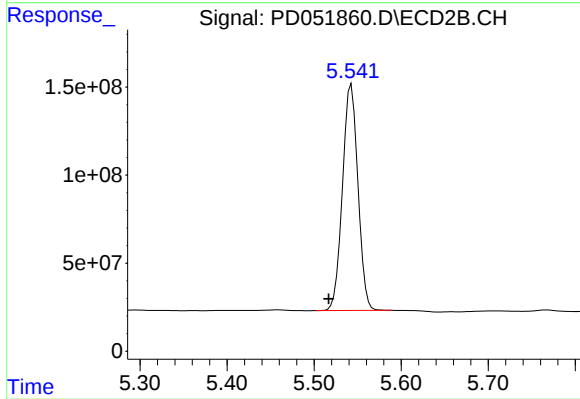
#23 Chlordane-1

R.T.: 5.022 min
Delta R.T.: -0.025 min
Response: 6186978
Conc: 4.04 ng/ml



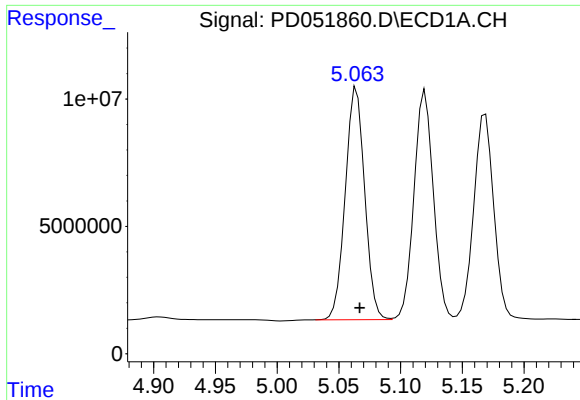
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T.: 4.526 min
Response: 0
Conc: N.D.



#24 Chlordane-2

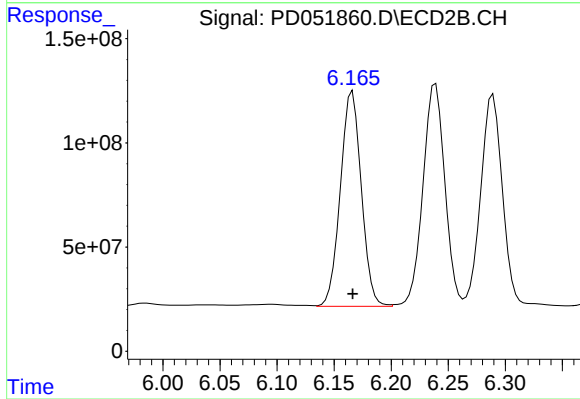
R.T.: 5.543 min
Delta R.T.: 0.026 min
Response: 1584675730
Conc: 1117.55 ng/ml



#25 Chlordane-3

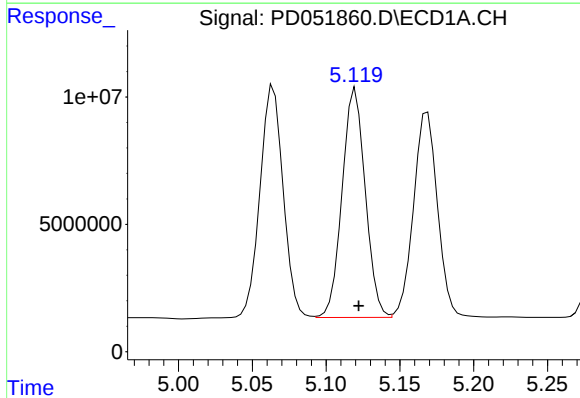
R.T.: 5.064 min
Delta R.T.: -0.003 min
Response: 99633911
Conc: 428.09 ng/ml

Instrument :
ECD_D
ClientSampleId :
INV-025-SW02-031319MS



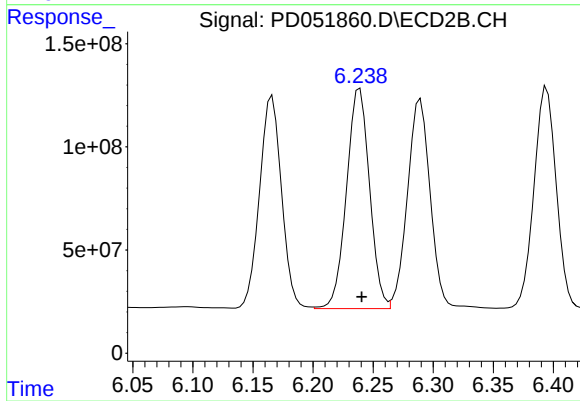
#25 Chlordane-3

R.T.: 6.166 min
Delta R.T.: 0.000 min
Response: 1318691410
Conc: 296.13 ng/ml



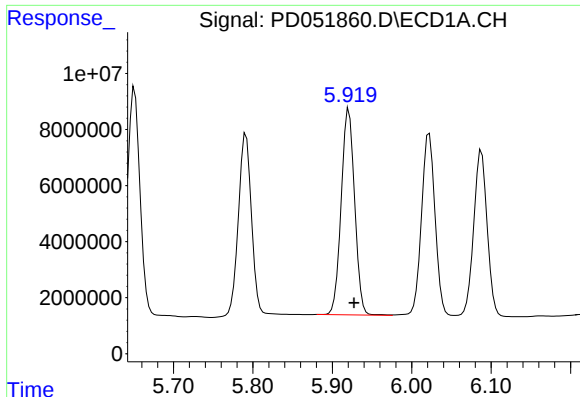
#26 Chlordane-4

R.T.: 5.120 min
Delta R.T.: -0.002 min
Response: 98222920
Conc: 439.27 ng/ml



#26 Chlordane-4

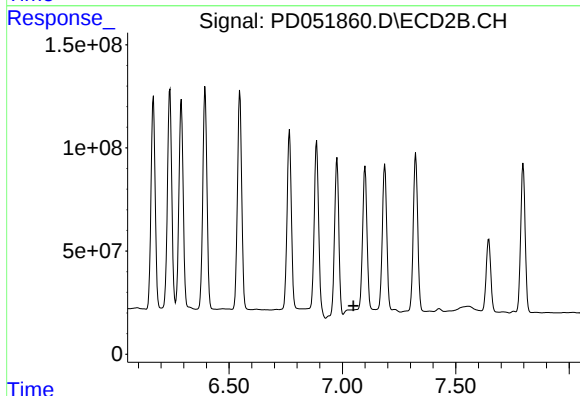
R.T.: 6.239 min
Delta R.T.: -0.002 min
Response: 1426074119
Conc: 272.30 ng/ml



#27 Chlordane-5

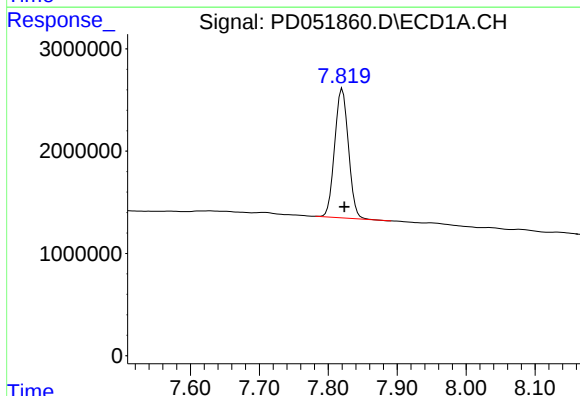
R.T.: 5.921 min
Delta R.T.: -0.007 min
Response: 86699289
Conc: 1207.06 ng/ml

Instrument :
ECD_D
ClientSampleId :
INV-025-SW02-031319MS



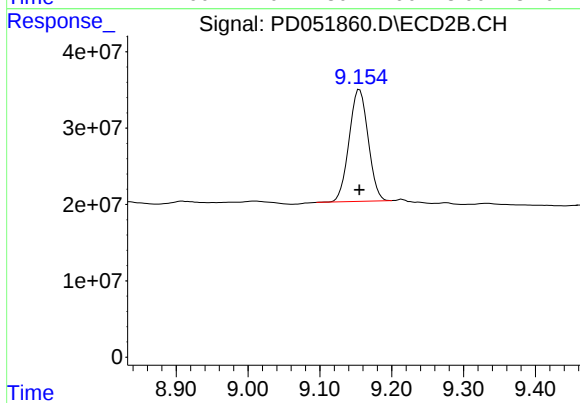
#27 Chlordane-5

R.T.: 0.000 min
Exp R.T.: 7.049 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 7.820 min
Delta R.T.: -0.003 min
Response: 17476364
Conc: 15.37 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.155 min
Delta R.T.: 0.000 min
Response: 269407516
Conc: 14.75 ng/ml