

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD040821\
 Data File : PD062073.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Apr 2021 15:48
 Operator : AR\AJ
 Sample : M1973-01MSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 BU-02-040721MSD

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 09 02:40:21 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD032921.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 30 04:47:56 2021
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 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

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.484	3.981	18032634	182.6E6	21.537	21.019
28)	SA Decachlor...	8.256	9.039	22210044	137.2E6	18.051	14.529
Target Compounds							
2)	A alpha-BHC	3.923	4.370	69830798	733.6E6	55.289	54.537
3)	MA gamma-BHC...	4.208	4.654	68484297	661.8E6	57.682	53.056
4)	MA Heptachlor	4.511	5.162	68420538	670.4E6	58.772	51.447
5)	MB Aldrin	4.761	5.466	65208258	641.6E6	54.334	51.555
6)	B beta-BHC	4.458	4.823	30034427	283.7E6	55.077	54.928
7)	B delta-BHC	4.664	5.040	64330641	584.6E6	52.955	44.198
8)	B Heptachlo...	5.205	5.852	61529061	535.3E6	53.674	45.208
9)	A Endosulfan I	5.546	6.209	58991021	523.0E6	53.720	48.249
10)	B gamma-Chl...	5.433	6.086	64712304	592.2E6	55.246	49.957
11)	B alpha-Chl...	5.491	6.159	62295077	566.6E6	53.609	49.700
12)	B 4,4'-DDE	5.655	6.315	62335505	557.3E6	55.475	48.358
13)	MA Dieldrin	5.789	6.466	63090249	563.9E6	54.581	48.850
14)	MA Endrin	6.048	6.683	56977892	464.3E6	55.452	46.915
15)	B Endosulfa...	6.321	6.892	53611666	469.0E6	52.310	49.396
16)	A 4,4'-DDD	6.172	6.804	48968646	464.6E6	52.619	49.070
17)	MA 4,4'-DDT	6.414	7.103	51441597	430.0E6	57.111	45.015
18)	B Endrin al...	6.490	7.016	47991997	378.1E6	56.173	48.076
19)	B Endosulfa...	6.704	7.239	54478096	464.0E6	50.488	46.294
20)	A Methoxychlor	6.960	7.561	28187724	216.0E6	59.656	47.917
21)	B Endrin ke...	7.198	7.709	61495880	451.6E6	48.185	44.520
22)	Mirex	7.389	8.164	48187174	291.3E6	58.440	45.207
24)	Chlordane-2	0.000	5.466f	0	641.6E6	N.D.	1671.986 #
25)	Chlordane-3	5.433	6.086	64712304	592.2E6	557.811	357.258 #
26)	Chlordane-4	5.491	6.159	62295077	566.6E6	647.507	295.254 #
27)	Chlordane-5	6.321	0.000	53611666	0	1217.511	N.D. #

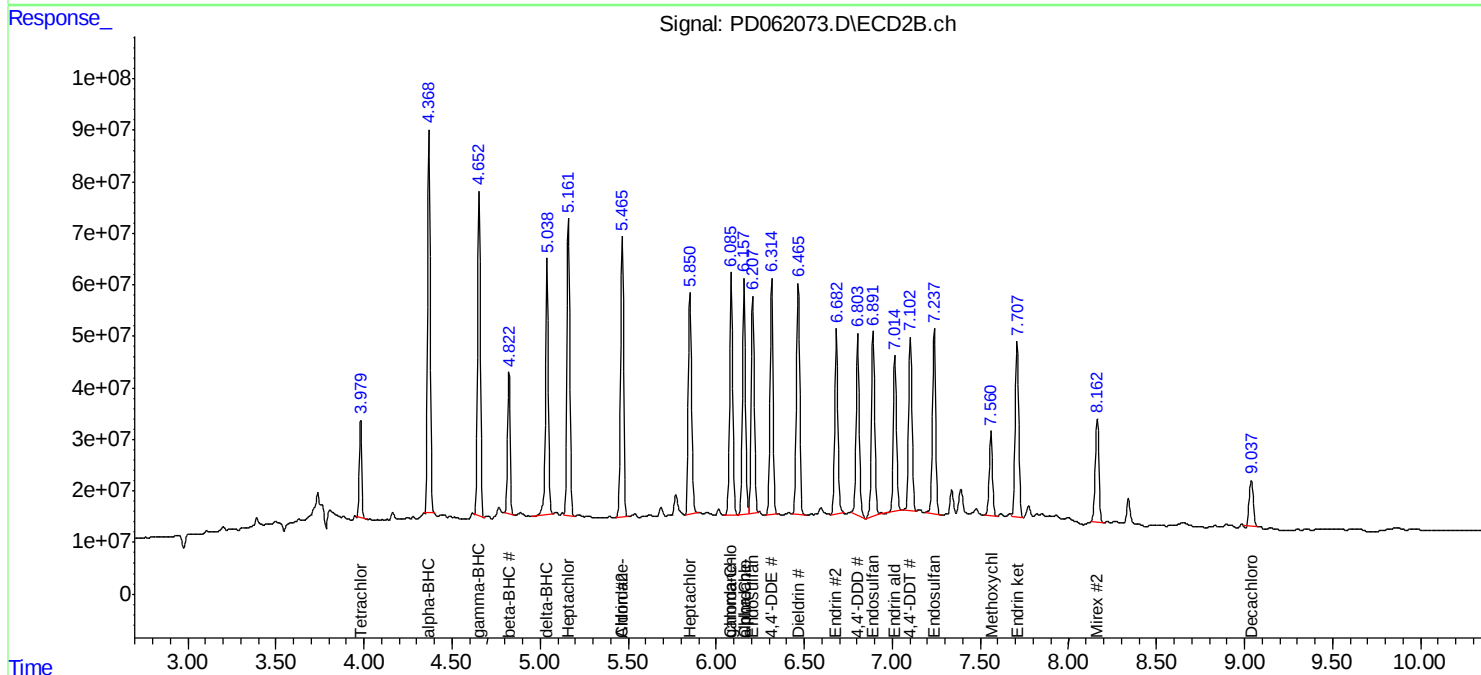
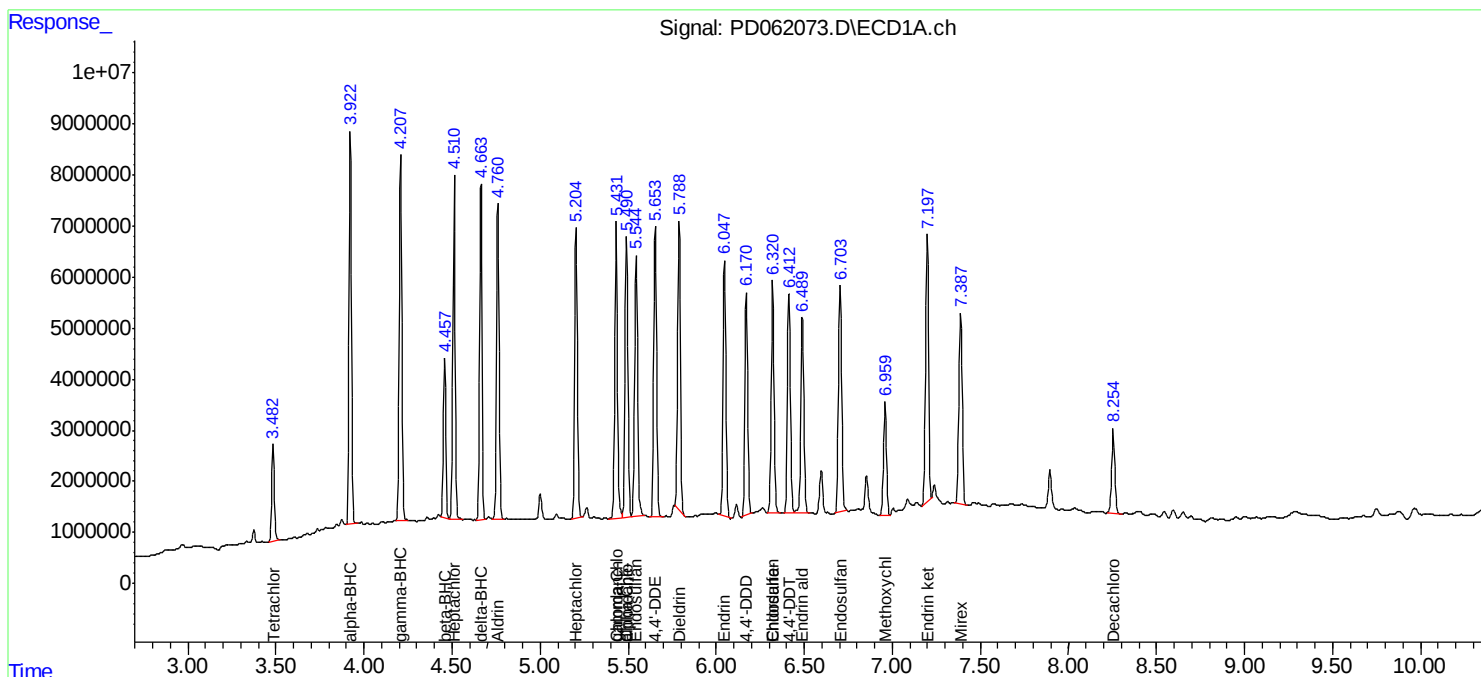
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

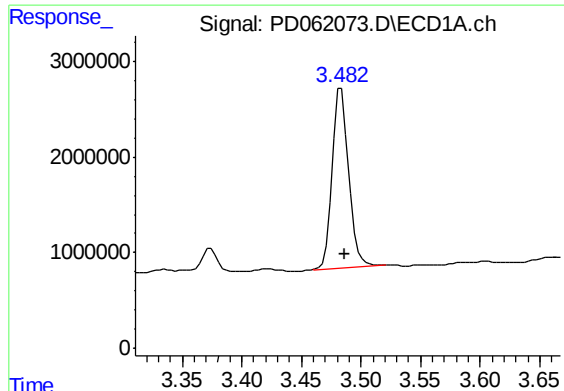
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD040821\
Data File : PD062073.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Apr 2021 15:48
Operator : AR\AJ
Sample : M1973-01MSD
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
BU-02-040721MSD

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 09 02:40:21 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD032921.M
Quant Title : GC Extractables
QLast Update : Tue Mar 30 04:47:56 2021
Response via : Initial Calibration
Integrator: ChemStation

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

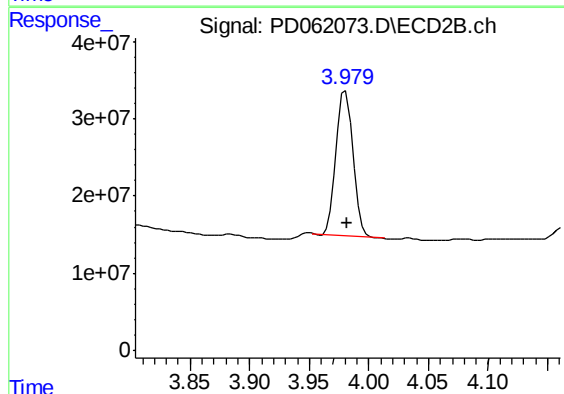




#1 Tetrachloro-m-xylene

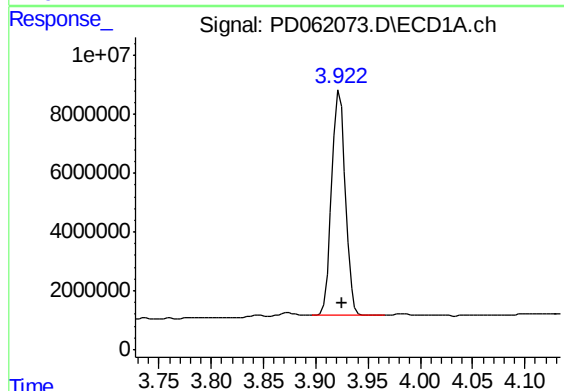
R.T.: 3.484 min
Delta R.T.: -0.002 min
Response: 18032634
Conc: 21.54 ng/ml

Instrument :
ECD_D
ClientSampleId :
BU-02-040721MSD



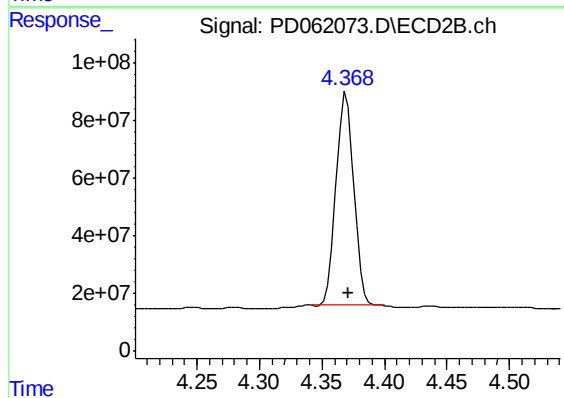
#1 Tetrachloro-m-xylene

R.T.: 3.981 min
Delta R.T.: -0.001 min
Response: 182634506
Conc: 21.02 ng/ml



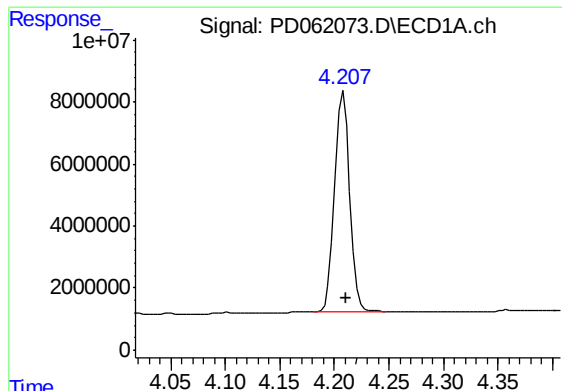
#2 alpha-BHC

R.T.: 3.923 min
Delta R.T.: -0.002 min
Response: 69830798
Conc: 55.29 ng/ml



#2 alpha-BHC

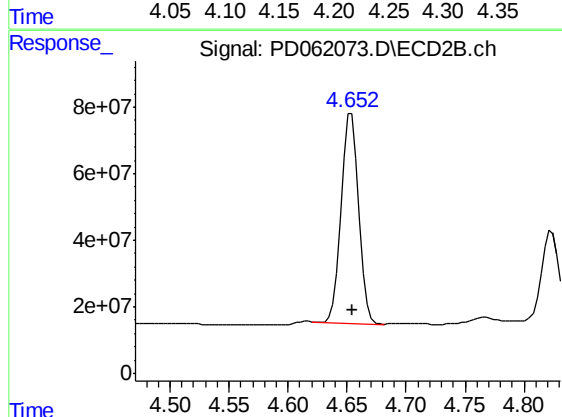
R.T.: 4.370 min
Delta R.T.: -0.001 min
Response: 733569254
Conc: 54.54 ng/ml



#3 gamma-BHC (Lindane)

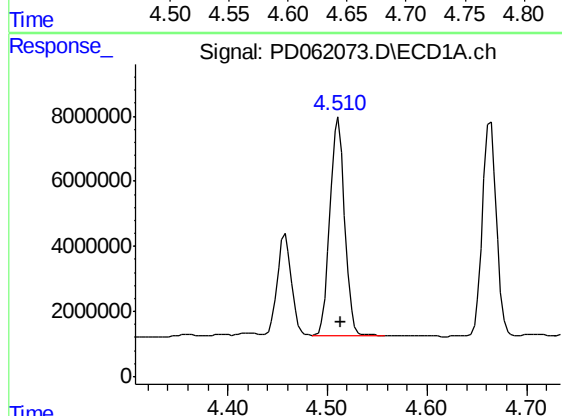
R.T.: 4.208 min
Delta R.T.: -0.002 min
Response: 68484297
Conc: 57.68 ng/ml

Instrument :
ECD_D
ClientSampleId :
BU-02-040721MSD



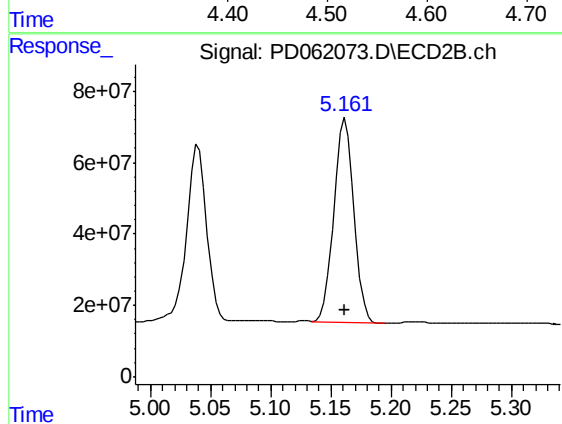
#3 gamma-BHC (Lindane)

R.T.: 4.654 min
Delta R.T.: -0.001 min
Response: 661805182
Conc: 53.06 ng/ml



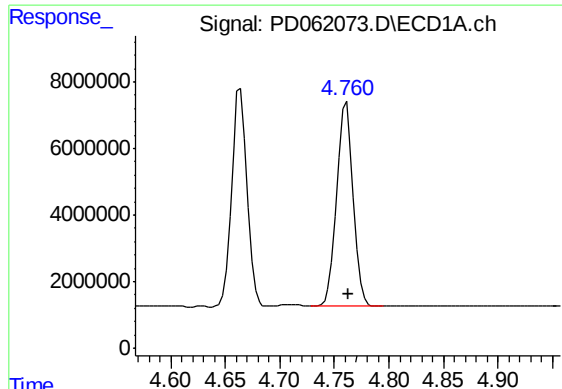
#4 Heptachlor

R.T.: 4.511 min
Delta R.T.: -0.002 min
Response: 68420538
Conc: 58.77 ng/ml



#4 Heptachlor

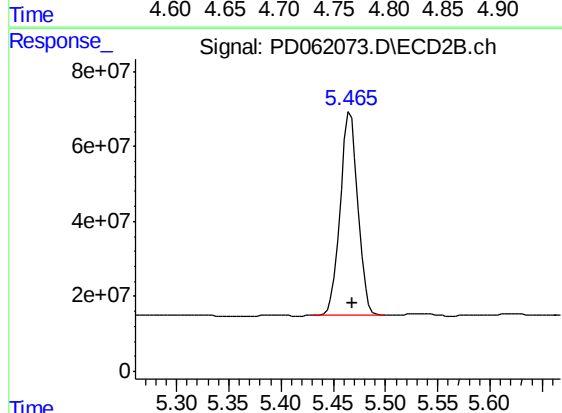
R.T.: 5.162 min
Delta R.T.: 0.000 min
Response: 670428220
Conc: 51.45 ng/ml



#5 Aldrin

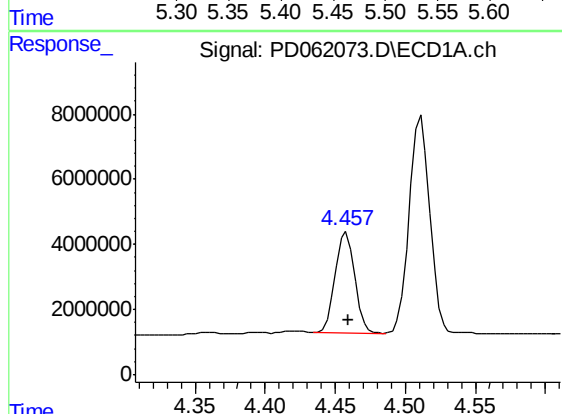
R.T.: 4.761 min
Delta R.T.: -0.002 min
Response: 65208258
Conc: 54.33 ng/ml

Instrument :
ECD_D
ClientSampleId :
BU-02-040721MSD



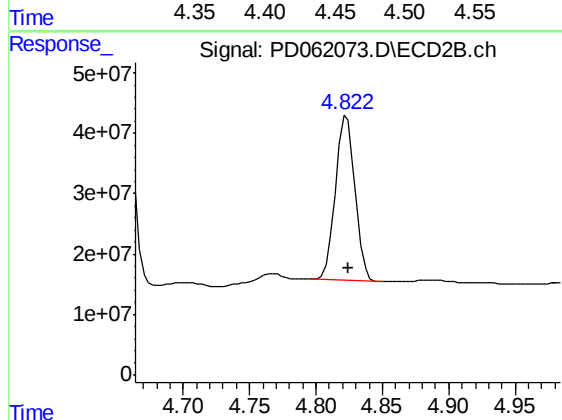
#5 Aldrin

R.T.: 5.466 min
Delta R.T.: -0.002 min
Response: 641564230
Conc: 51.56 ng/ml



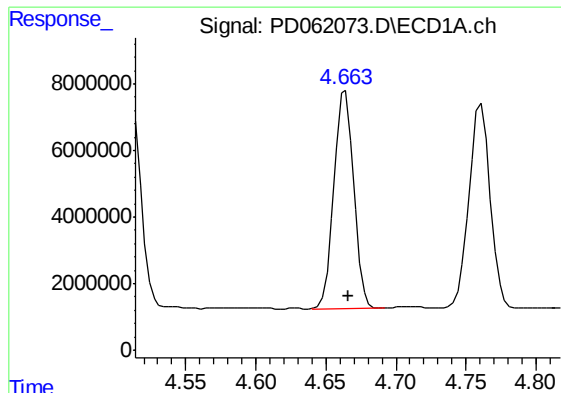
#6 beta-BHC

R.T.: 4.458 min
Delta R.T.: -0.002 min
Response: 30034427
Conc: 55.08 ng/ml



#6 beta-BHC

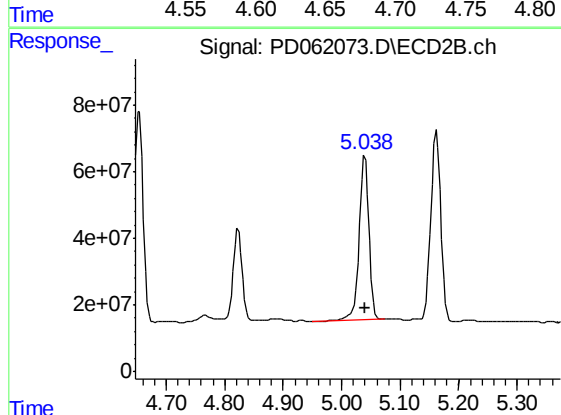
R.T.: 4.823 min
Delta R.T.: 0.000 min
Response: 283712623
Conc: 54.93 ng/ml



#7 delta-BHC

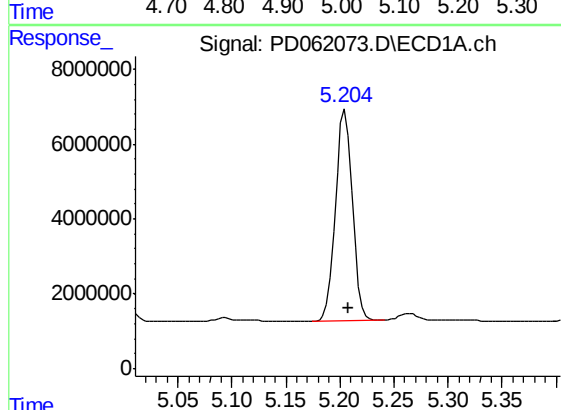
R.T.: 4.664 min
Delta R.T.: -0.002 min
Response: 64330641
Conc: 52.96 ng/ml

Instrument :
ECD_D
ClientSampleId :
BU-02-040721MSD



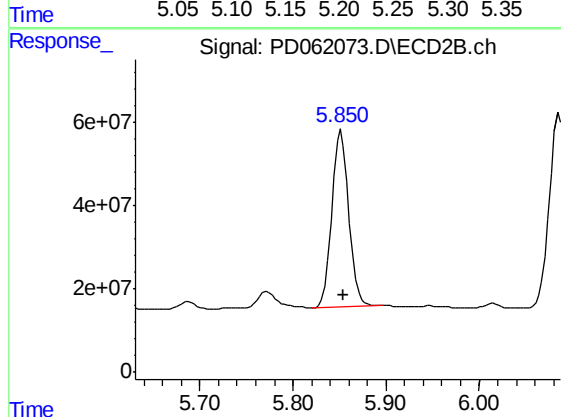
#7 delta-BHC

R.T.: 5.040 min
Delta R.T.: -0.001 min
Response: 584613823
Conc: 44.20 ng/ml



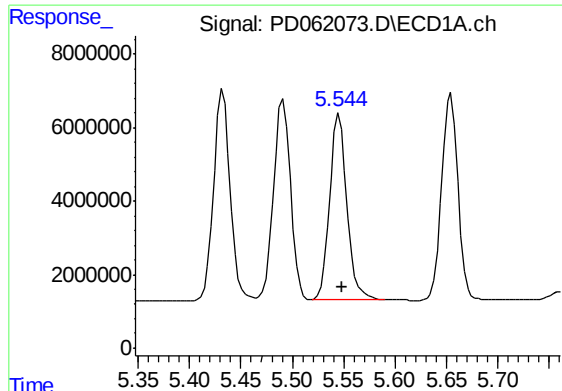
#8 Heptachlor epoxide

R.T.: 5.205 min
Delta R.T.: -0.003 min
Response: 61529061
Conc: 53.67 ng/ml



#8 Heptachlor epoxide

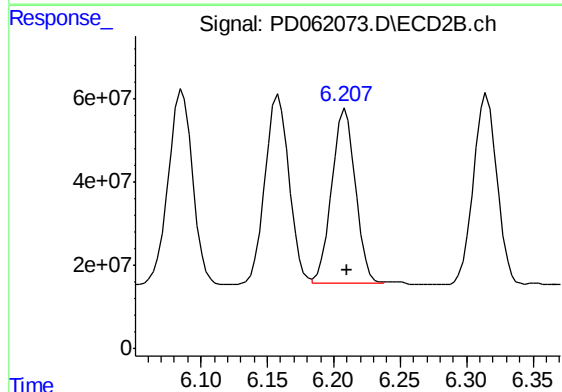
R.T.: 5.852 min
Delta R.T.: -0.002 min
Response: 535299376
Conc: 45.21 ng/ml



#9 Endosulfan I

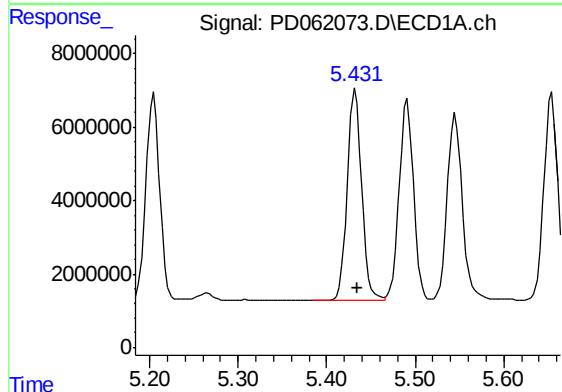
R.T.: 5.546 min
Delta R.T.: -0.002 min
Response: 58991021
Conc: 53.72 ng/ml

Instrument :
ECD_D
ClientSampleId :
BU-02-040721MSD



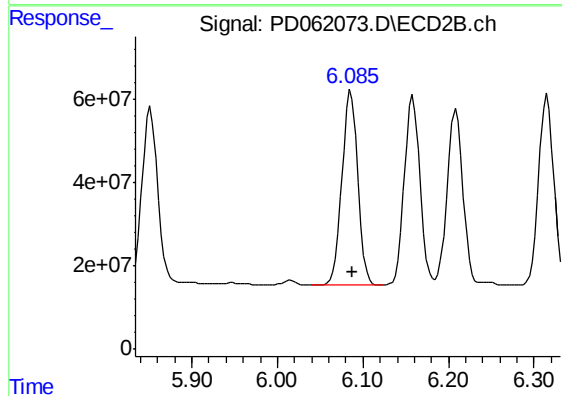
#9 Endosulfan I

R.T.: 6.209 min
Delta R.T.: -0.001 min
Response: 523024348
Conc: 48.25 ng/ml



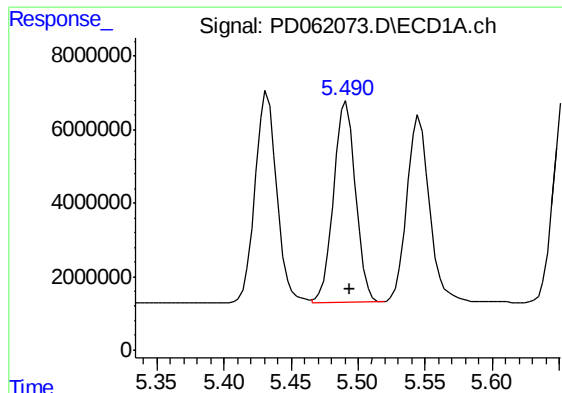
#10 gamma-Chlordane

R.T.: 5.433 min
Delta R.T.: -0.002 min
Response: 64712304
Conc: 55.25 ng/ml



#10 gamma-Chlordane

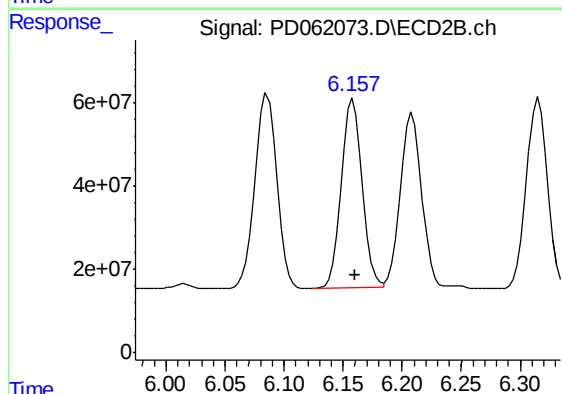
R.T.: 6.086 min
Delta R.T.: -0.001 min
Response: 592239549
Conc: 49.96 ng/ml



#11 alpha-Chlordane

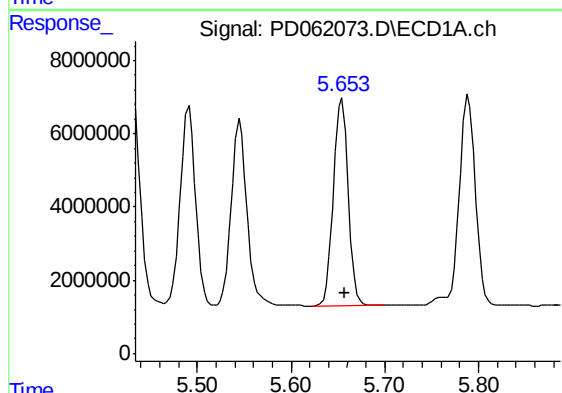
R.T.: 5.491 min
Delta R.T.: -0.002 min
Response: 62295077
Conc: 53.61 ng/ml

Instrument :
ECD_D
ClientSampleId :
BU-02-040721MSD



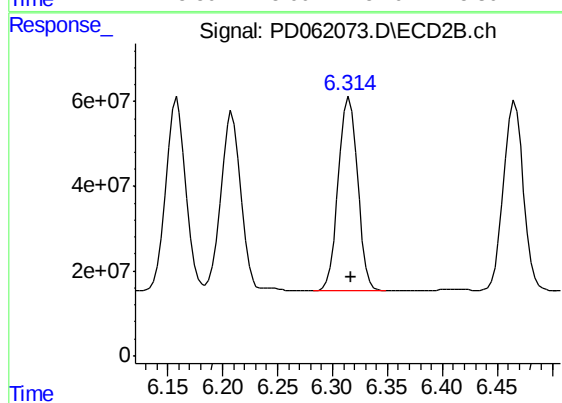
#11 alpha-Chlordane

R.T.: 6.159 min
Delta R.T.: -0.002 min
Response: 566578275
Conc: 49.70 ng/ml



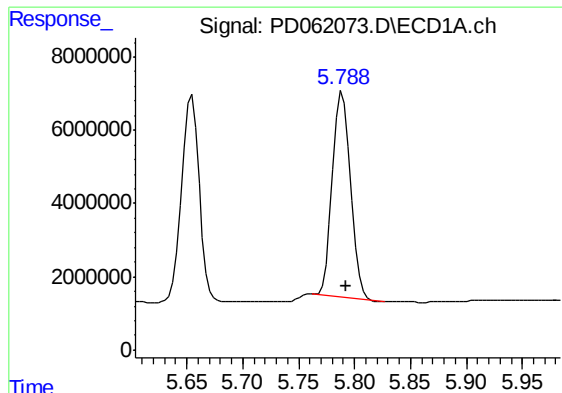
#12 4,4'-DDE

R.T.: 5.655 min
Delta R.T.: -0.002 min
Response: 62335505
Conc: 55.47 ng/ml



#12 4,4'-DDE

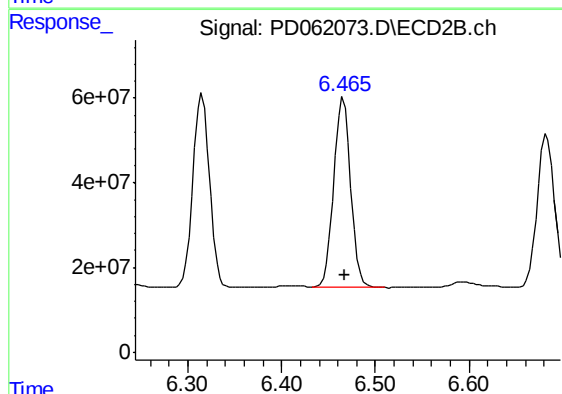
R.T.: 6.315 min
Delta R.T.: -0.001 min
Response: 557282989
Conc: 48.36 ng/ml



#13 Dielldrin

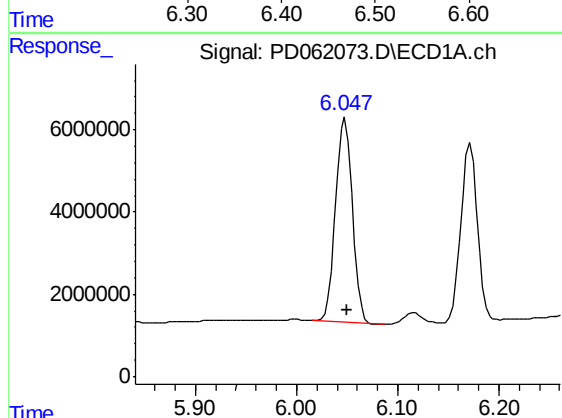
R.T.: 5.789 min
Delta R.T.: -0.003 min
Response: 63090249
Conc: 54.58 ng/ml

Instrument :
ECD_D
ClientSampleId :
BU-02-040721MSD



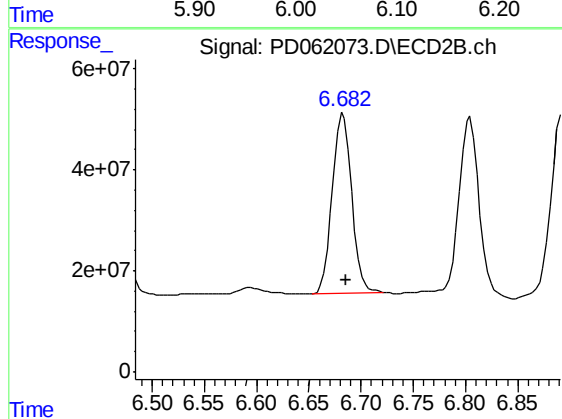
#13 Dielldrin

R.T.: 6.466 min
Delta R.T.: 0.000 min
Response: 563863169
Conc: 48.85 ng/ml



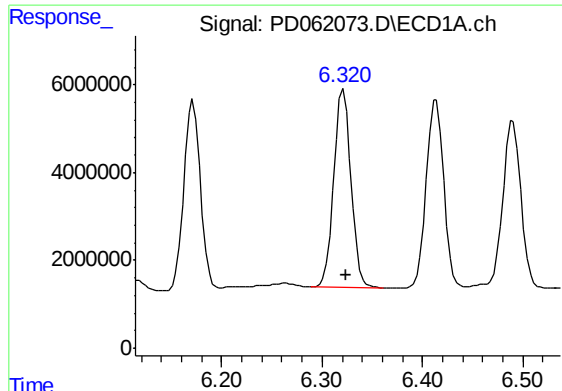
#14 Endrin

R.T.: 6.048 min
Delta R.T.: -0.002 min
Response: 56977892
Conc: 55.45 ng/ml



#14 Endrin

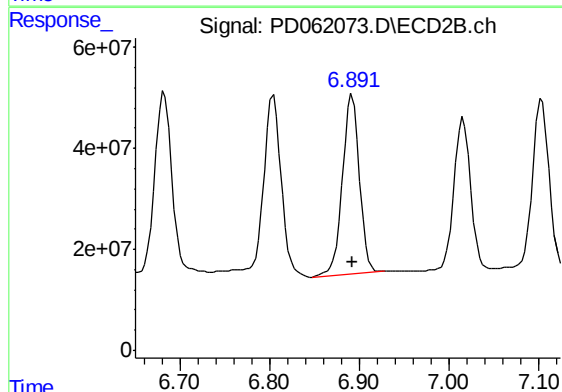
R.T.: 6.683 min
Delta R.T.: -0.002 min
Response: 464281416
Conc: 46.91 ng/ml



#15 Endosulfan II

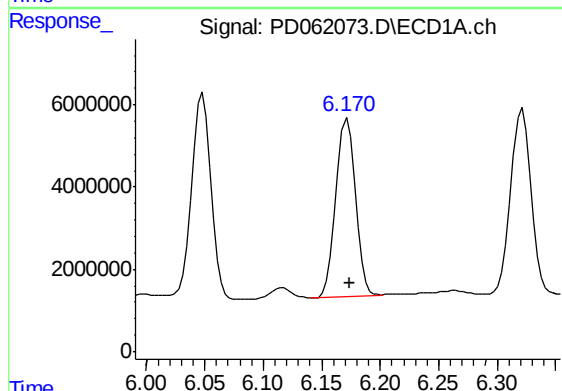
R.T.: 6.321 min
Delta R.T.: -0.002 min
Response: 53611666
Conc: 52.31 ng/ml

Instrument :
ECD_D
ClientSampleId :
BU-02-040721MSD



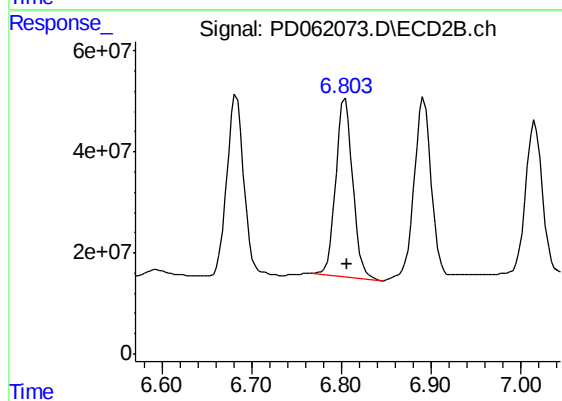
#15 Endosulfan II

R.T.: 6.892 min
Delta R.T.: 0.000 min
Response: 468996957
Conc: 49.40 ng/ml



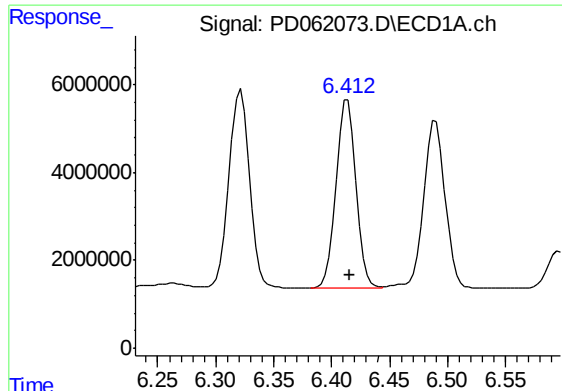
#16 4,4'-DDD

R.T.: 6.172 min
Delta R.T.: -0.002 min
Response: 48968646
Conc: 52.62 ng/ml



#16 4,4'-DDD

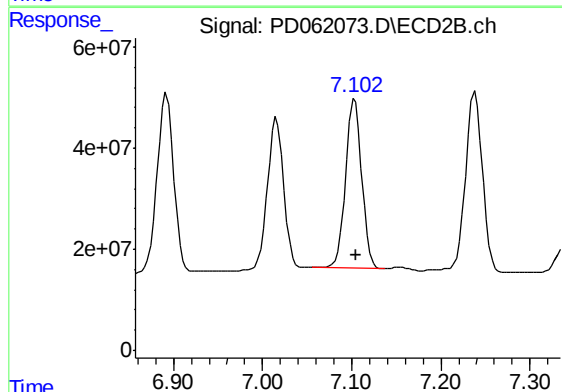
R.T.: 6.804 min
Delta R.T.: -0.002 min
Response: 464630015
Conc: 49.07 ng/ml



#17 4,4'-DDT

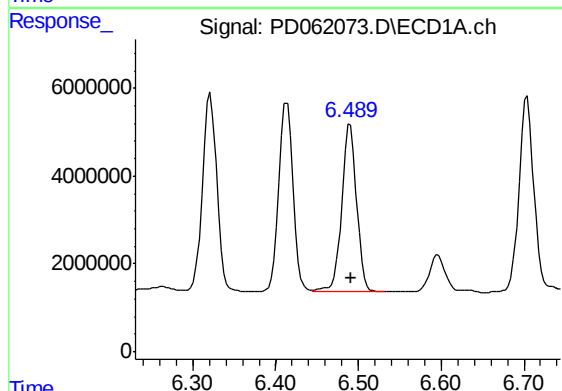
R.T.: 6.414 min
Delta R.T.: -0.002 min
Response: 51441597
Conc: 57.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
BU-02-040721MSD



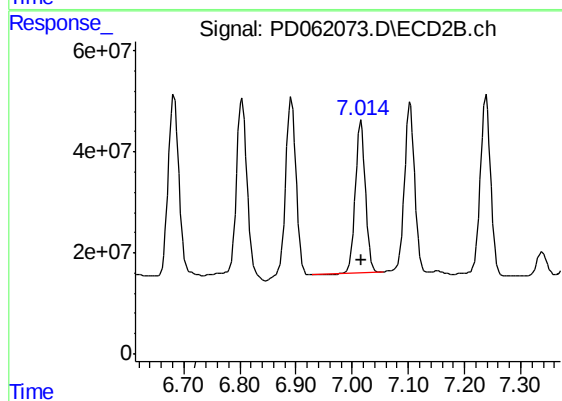
#17 4,4'-DDT

R.T.: 7.103 min
Delta R.T.: -0.001 min
Response: 429965861
Conc: 45.01 ng/ml



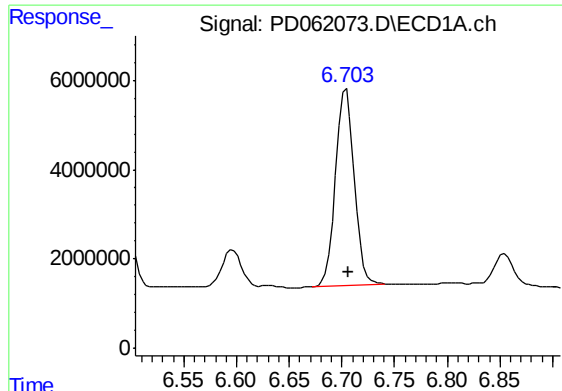
#18 Endrin aldehyde

R.T.: 6.490 min
Delta R.T.: -0.002 min
Response: 47991997
Conc: 56.17 ng/ml



#18 Endrin aldehyde

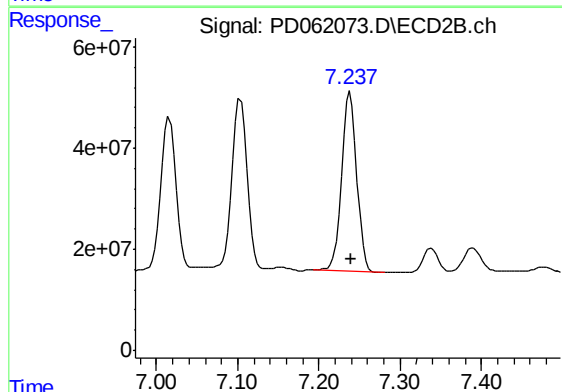
R.T.: 7.016 min
Delta R.T.: -0.001 min
Response: 378081459
Conc: 48.08 ng/ml



#19 Endosulfan Sulfate

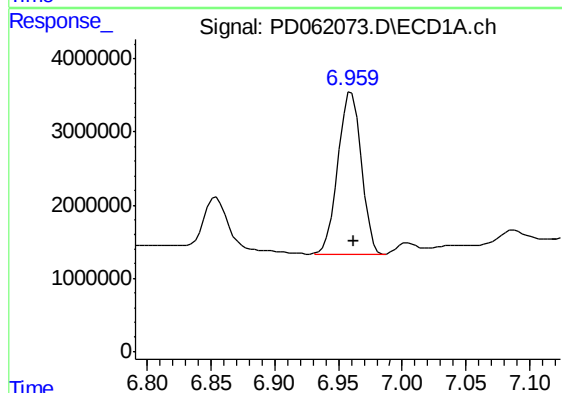
R.T.: 6.704 min
Delta R.T.: -0.002 min
Response: 54478096
Conc: 50.49 ng/ml

Instrument :
ECD_D
ClientSampleId :
BU-02-040721MSD



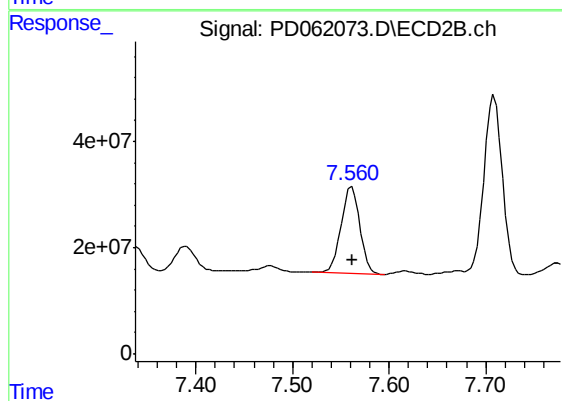
#19 Endosulfan Sulfate

R.T.: 7.239 min
Delta R.T.: -0.001 min
Response: 463976415
Conc: 46.29 ng/ml



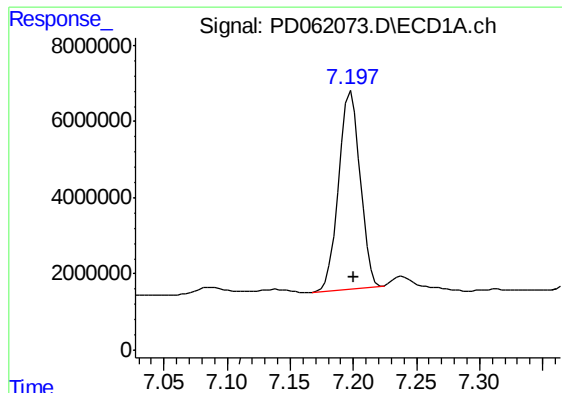
#20 Methoxychlor

R.T.: 6.960 min
Delta R.T.: -0.002 min
Response: 28187724
Conc: 59.66 ng/ml



#20 Methoxychlor

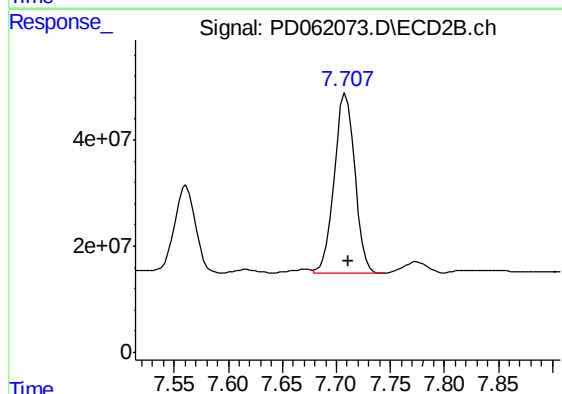
R.T.: 7.561 min
Delta R.T.: -0.001 min
Response: 216007743
Conc: 47.92 ng/ml



#21 Endrin ketone

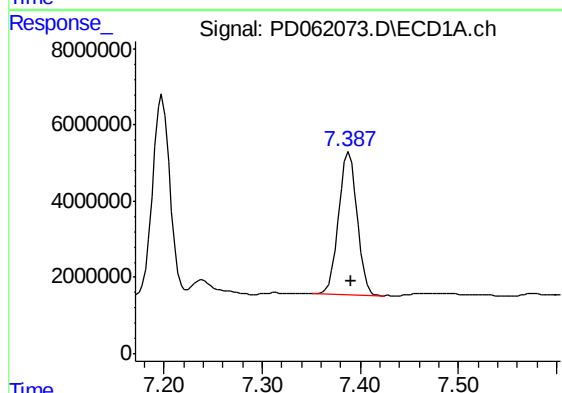
R.T.: 7.198 min
Delta R.T.: -0.002 min
Response: 61495880
Conc: 48.18 ng/ml

Instrument :
ECD_D
ClientSampleId :
BU-02-040721MSD



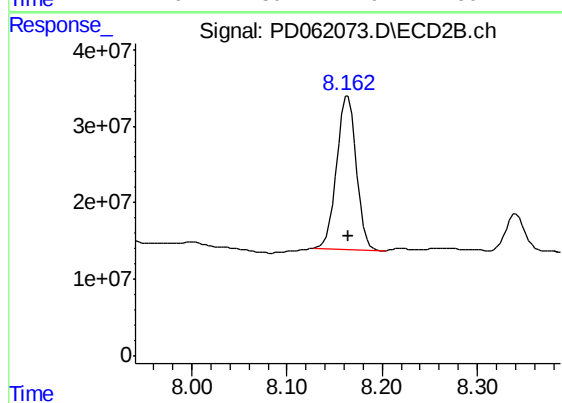
#21 Endrin ketone

R.T.: 7.709 min
Delta R.T.: -0.002 min
Response: 451551833
Conc: 44.52 ng/ml



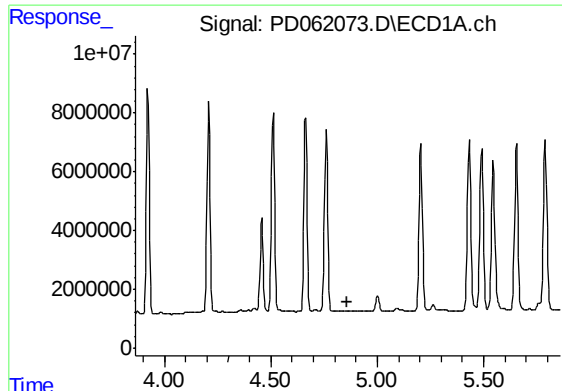
#22 Mirex

R.T.: 7.389 min
Delta R.T.: -0.002 min
Response: 48187174
Conc: 58.44 ng/ml



#22 Mirex

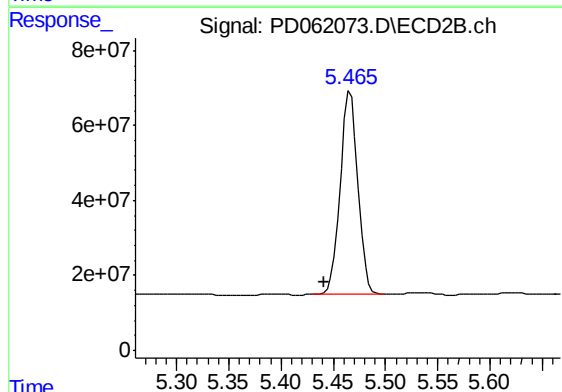
R.T.: 8.164 min
Delta R.T.: -0.001 min
Response: 291337481
Conc: 45.21 ng/ml



#24 Chlordane-2

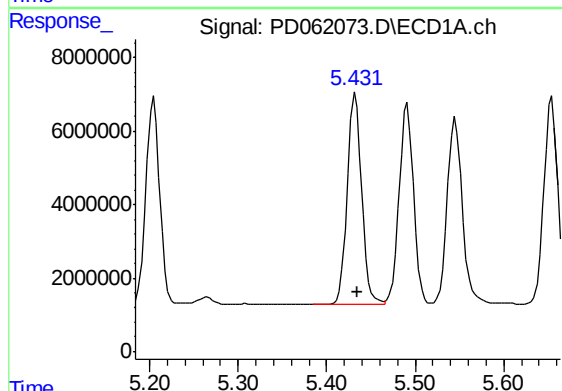
R.T.: 0.000 min
Exp R.T.: 4.862 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
BU-02-040721MSD



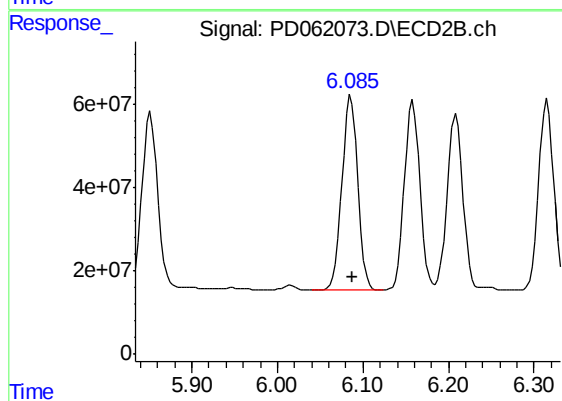
#24 Chlordane-2

R.T.: 5.466 min
Delta R.T.: 0.025 min
Response: 641564230
Conc: 1671.99 ng/ml



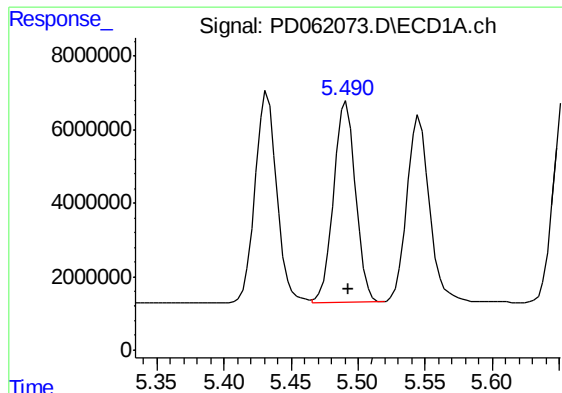
#25 Chlordane-3

R.T.: 5.433 min
Delta R.T.: -0.003 min
Response: 64712304
Conc: 557.81 ng/ml



#25 Chlordane-3

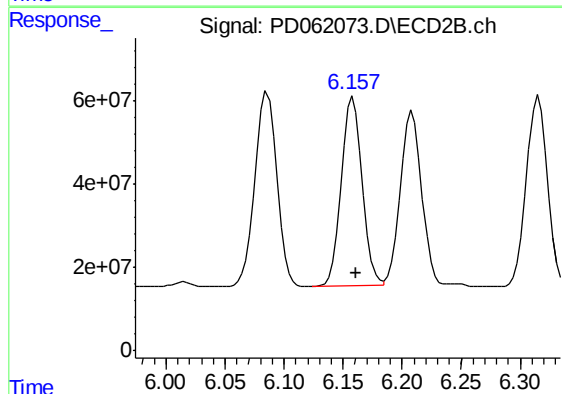
R.T.: 6.086 min
Delta R.T.: -0.001 min
Response: 592239549
Conc: 357.26 ng/ml



#26 Chlordane-4

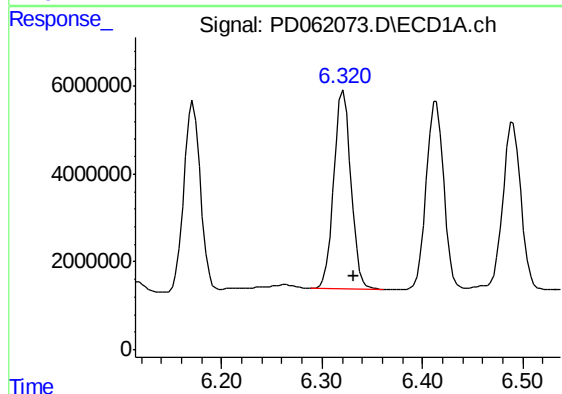
R.T.: 5.491 min
Delta R.T.: -0.002 min
Response: 62295077
Conc: 647.51 ng/ml

Instrument :
ECD_D
ClientSampleId :
BU-02-040721MSD



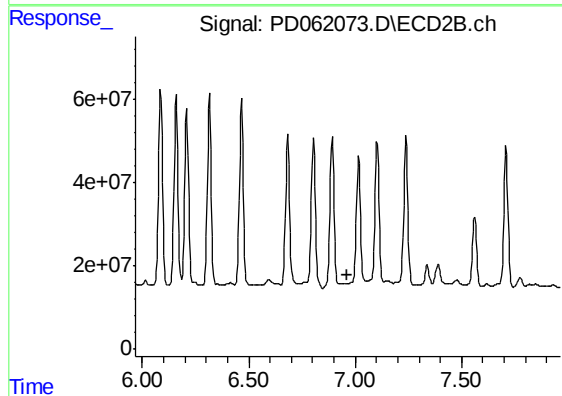
#26 Chlordane-4

R.T.: 6.159 min
Delta R.T.: -0.003 min
Response: 566578275
Conc: 295.25 ng/ml



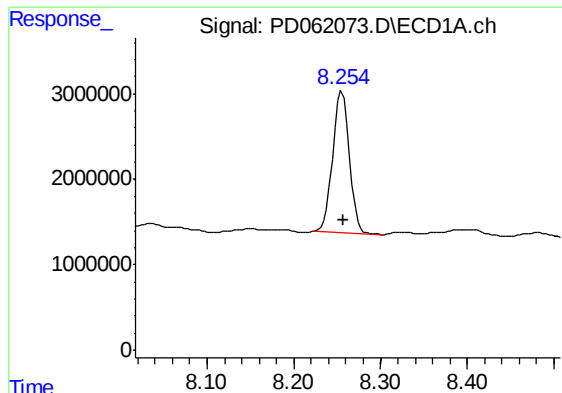
#27 Chlordane-5

R.T.: 6.321 min
Delta R.T.: -0.010 min
Response: 53611666
Conc: 1217.51 ng/ml



#27 Chlordane-5

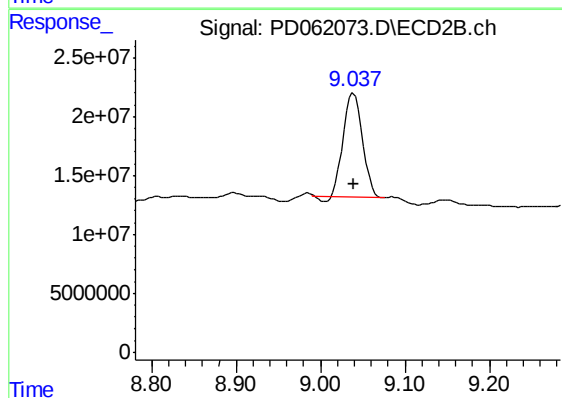
R.T.: 0.000 min
Exp R.T.: 6.964 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.256 min
Delta R.T.: -0.002 min
Response: 22210044
Conc: 18.05 ng/ml

Instrument :
ECD_D
ClientSampleId :
BU-02-040721MSD



#28 Decachlorobiphenyl

R.T.: 9.039 min
Delta R.T.: 0.000 min
Response: 137157925
Conc: 14.53 ng/ml