

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD100423\
 Data File : PD078607.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Oct 2023 15:03
 Operator : AR\AJ
 Sample : 04651-01MS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 03 21:20:20 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD100323.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 03 01:10:04 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 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...	3.541	2.759	54181184	36765601	18.769	18.001
28)	SA Decachlor...	9.080	7.895	81154834	46867905	21.883	20.655
Target Compounds							
2)	A alpha-BHC	3.997	3.259	269.6E6	165.8E6	55.506	55.321
3)	MA gamma-BHC...	4.331	3.589	248.0E6	153.7E6	53.003	53.066
4)	MA Heptachlor	4.921	3.927	257.9E6	157.5E6	54.845	53.389
5)	MB Aldrin	5.264	4.207	246.4E6	154.6E6	51.003	52.106
6)	B beta-BHC	4.528	3.886	97963365	61829447	52.745	53.497
7)	B delta-BHC	4.777	4.115	249.6E6	154.8E6	55.412	54.103
8)	B Heptachlo...	5.691	4.708	232.4E6	143.8E6	55.327	53.196
9)	A Endosulfan I	6.078	5.078	217.9E6	123.0E6	55.767	48.931
10)	B gamma-Chl...	5.948	4.959	246.3E6	145.4E6	58.644	54.100
11)	B alpha-Chl...	6.027	5.023	233.5E6	143.1E6	55.431	53.310
12)	B 4,4'-DDE	6.200	5.211	219.6E6	146.2E6	54.860	57.467
13)	MA Dieldrin	6.354	5.343	226.7E6	149.1E6	54.034	53.398
14)	MA Endrin	6.584	5.619	193.2E6	144.1E6	57.518	58.225
15)	B Endosulfa...	6.805	5.913	181.7E6	119.5E6	50.481	50.181
16)	A 4,4'-DDD	6.719	5.766	173.4E6	115.2E6	58.273	58.209
17)	MA 4,4'-DDT	7.034	6.017	182.0E6	117.3E6	61.504	57.613
18)	B Endrin al...	6.935	6.092	132.6E6	94900797	49.635	51.191
19)	B Endosulfa...	7.171	6.315	174.8E6	121.5E6	54.401	54.758
20)	A Methoxychlor	7.510	6.592	89498848	61559907	53.627	56.424
21)	B Endrin ke...	7.657	6.822	198.5E6	131.7E6	55.249	50.173
22)	Mirex	8.130	7.002	189.9E6	105.0E6	71.113	51.531 #
23)	Chlordane-1	0.000	3.767	0	1956090	N.D.	26.894 #
24)	Chlordane-2	5.264f	4.341	246.4E6	8688195	1727.842	112.193 #
25)	Chlordane-3	5.948	4.959	246.3E6	145.4E6	420.929	564.275 #
26)	Chlordane-4	6.027	5.023	233.5E6	143.1E6	330.097	570.004 #
27)	Chlordane-5	6.878	5.913	-136179	119.5E6	N.D.	1390.168

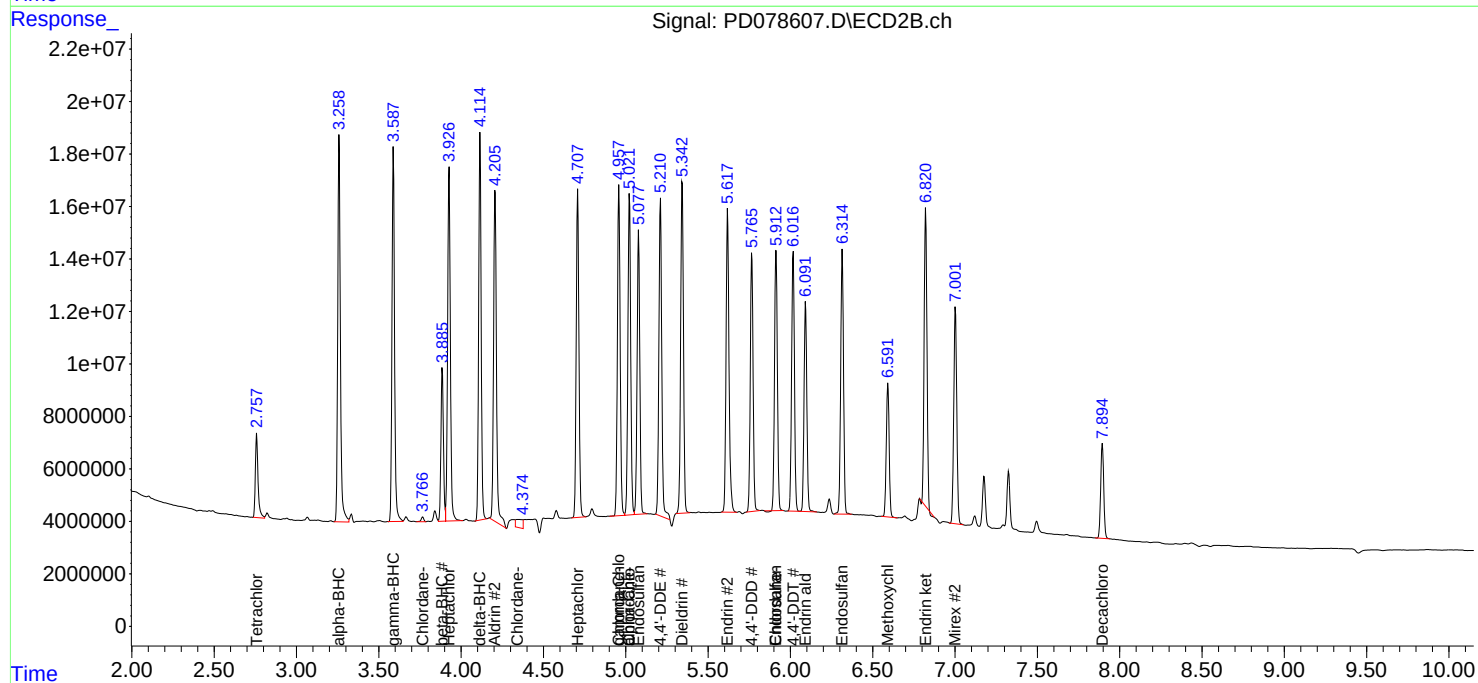
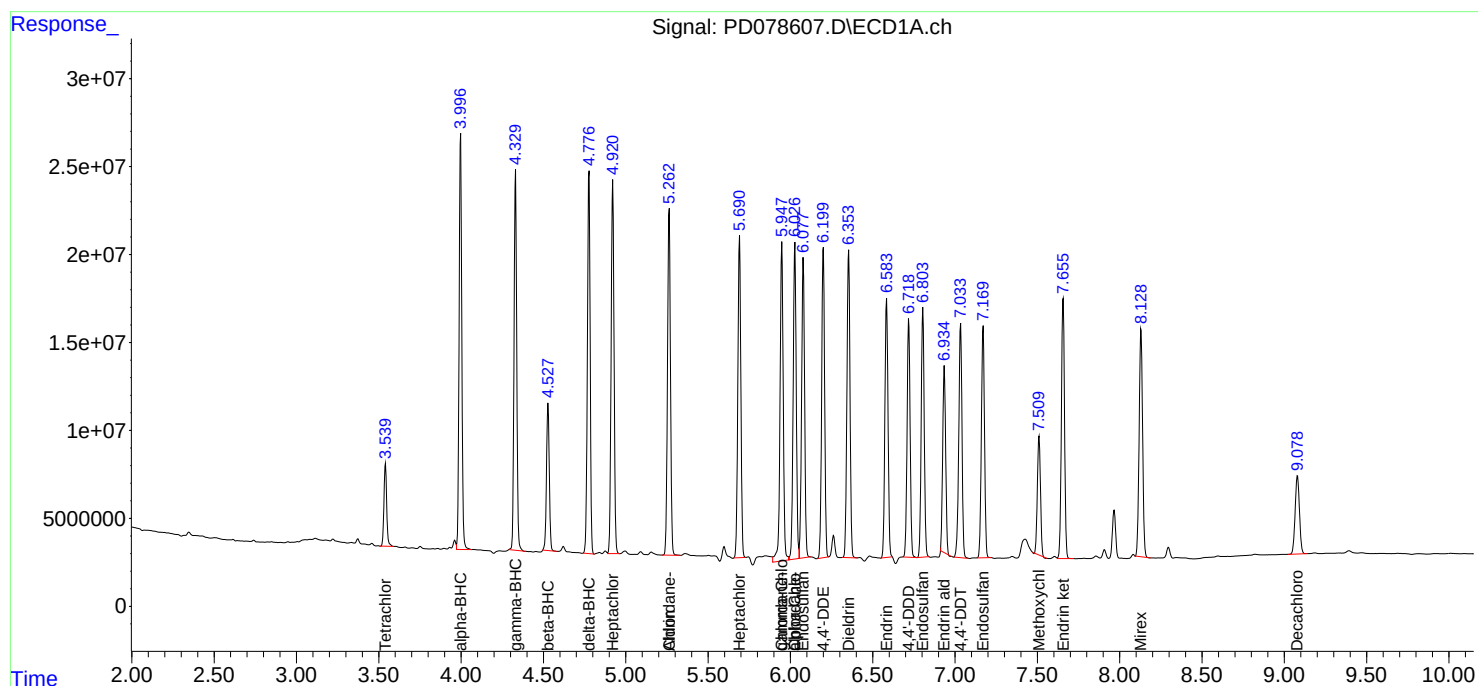
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

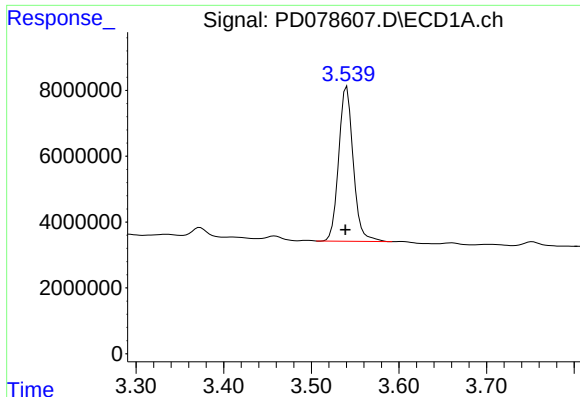
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD100423\
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Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

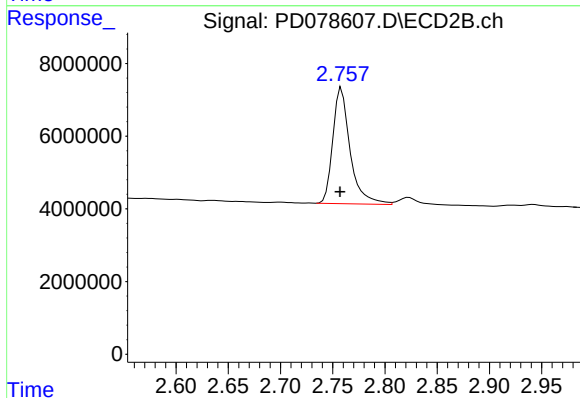




#1 Tetrachloro-m-xylene

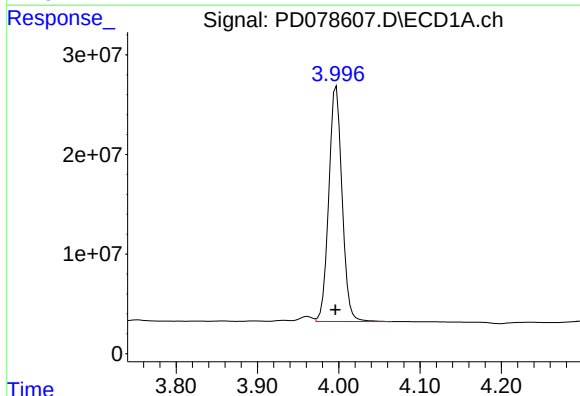
R.T.: 3.541 min
Delta R.T.: 0.002 min
Response: 54181184
Conc: 18.77 ng/ml

Instrument :
ECD_D
ClientSampleId :



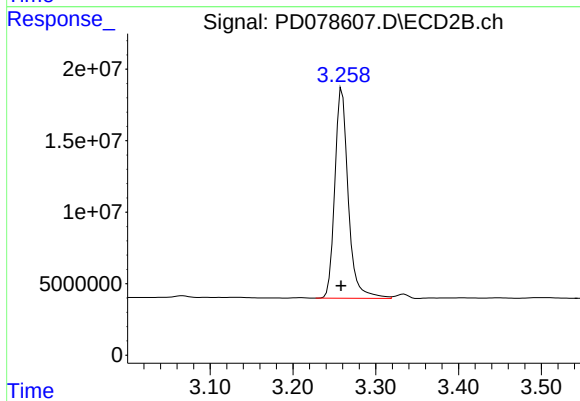
#1 Tetrachloro-m-xylene

R.T.: 2.759 min
Delta R.T.: 0.002 min
Response: 36765601
Conc: 18.00 ng/ml



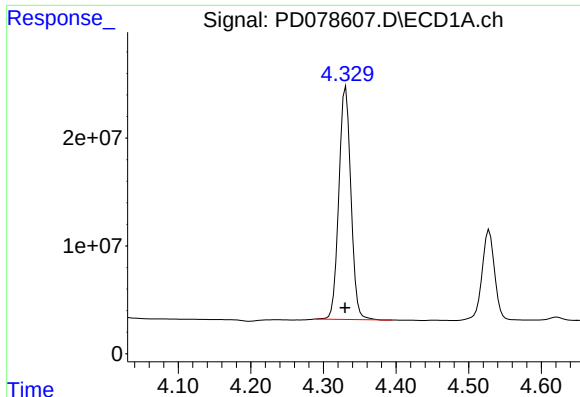
#2 alpha-BHC

R.T.: 3.997 min
Delta R.T.: 0.001 min
Response: 269555490
Conc: 55.51 ng/ml



#2 alpha-BHC

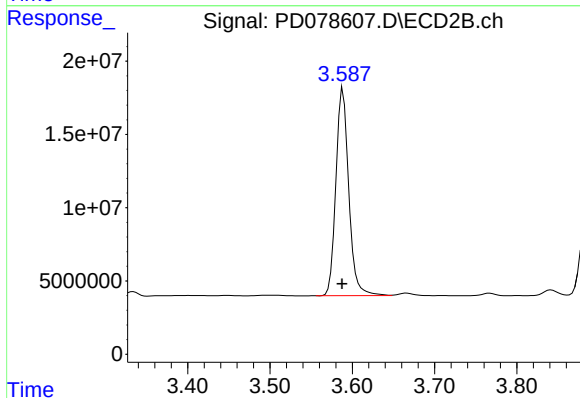
R.T.: 3.259 min
Delta R.T.: 0.001 min
Response: 165827189
Conc: 55.32 ng/ml



#3 gamma-BHC (Lindane)

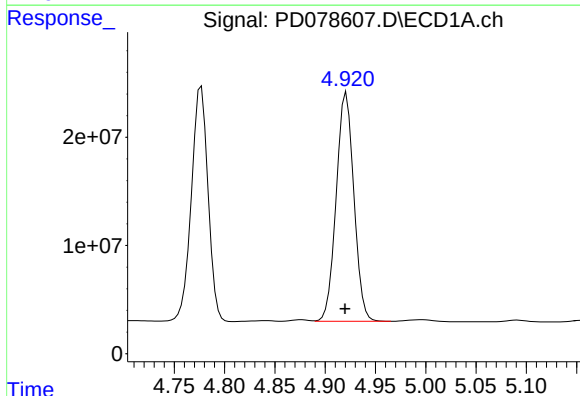
R.T.: 4.331 min
Delta R.T.: 0.001 min
Response: 247951198
Conc: 53.00 ng/ml

Instrument :
ECD_D
ClientSampleId :



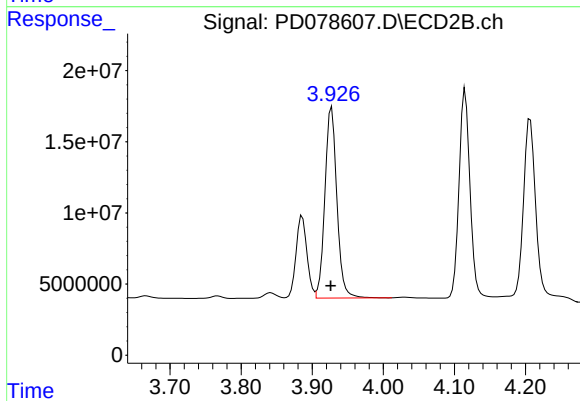
#3 gamma-BHC (Lindane)

R.T.: 3.589 min
Delta R.T.: 0.001 min
Response: 153742376
Conc: 53.07 ng/ml



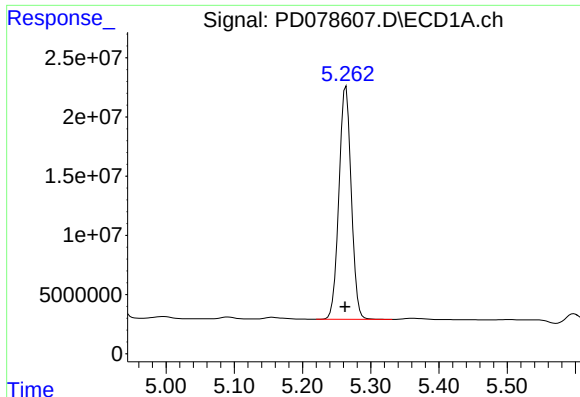
#4 Heptachlor

R.T.: 4.921 min
Delta R.T.: 0.002 min
Response: 257850271
Conc: 54.85 ng/ml



#4 Heptachlor

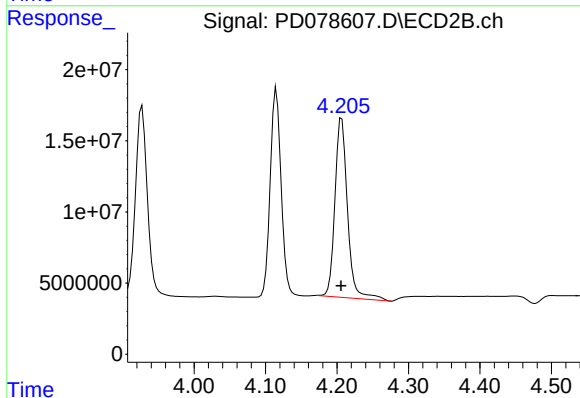
R.T.: 3.927 min
Delta R.T.: 0.001 min
Response: 157522057
Conc: 53.39 ng/ml



#5 Aldrin

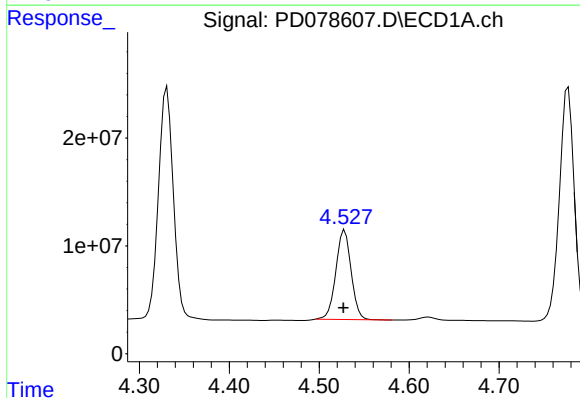
R.T.: 5.264 min
Delta R.T.: 0.001 min
Response: 246398507
Conc: 51.00 ng/ml

Instrument :
ECD_D
ClientSampleId :



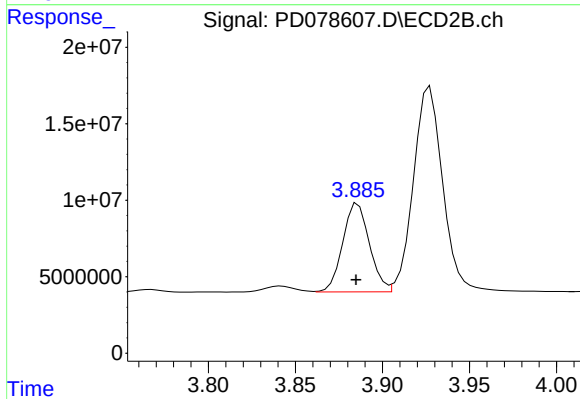
#5 Aldrin

R.T.: 4.207 min
Delta R.T.: 0.000 min
Response: 154592780
Conc: 52.11 ng/ml



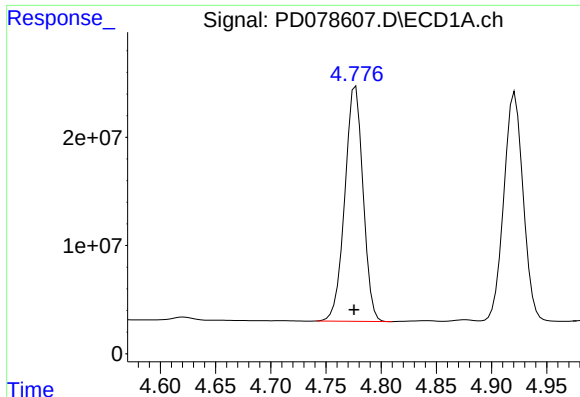
#6 beta-BHC

R.T.: 4.528 min
Delta R.T.: 0.001 min
Response: 97963365
Conc: 52.74 ng/ml



#6 beta-BHC

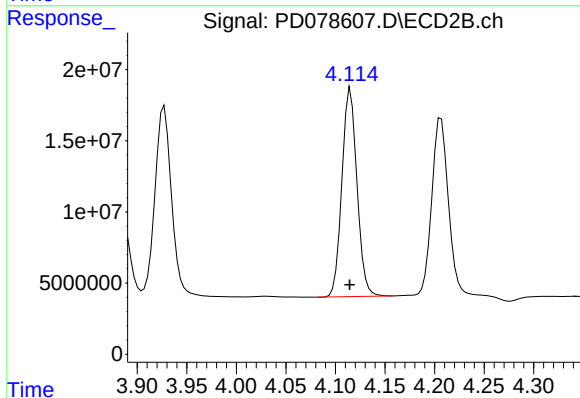
R.T.: 3.886 min
Delta R.T.: 0.001 min
Response: 61829447
Conc: 53.50 ng/ml



#7 delta-BHC

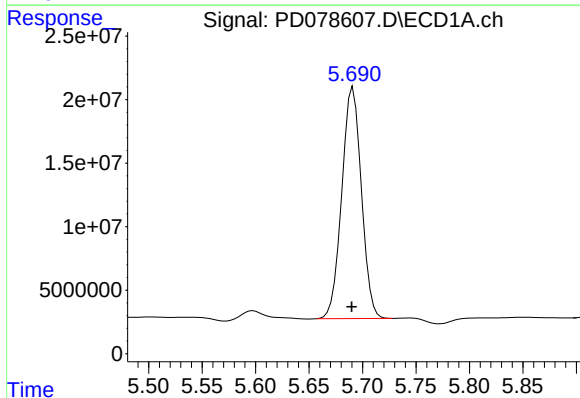
R.T.: 4.777 min
Delta R.T.: 0.001 min
Response: 249580429
Conc: 55.41 ng/ml

Instrument :
ECD_D
ClientSampleId :



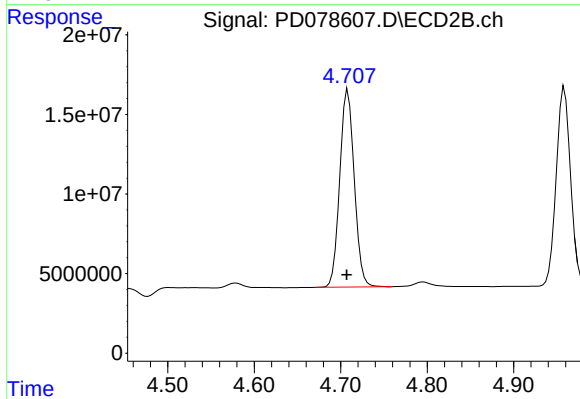
#7 delta-BHC

R.T.: 4.115 min
Delta R.T.: 0.000 min
Response: 154800007
Conc: 54.10 ng/ml



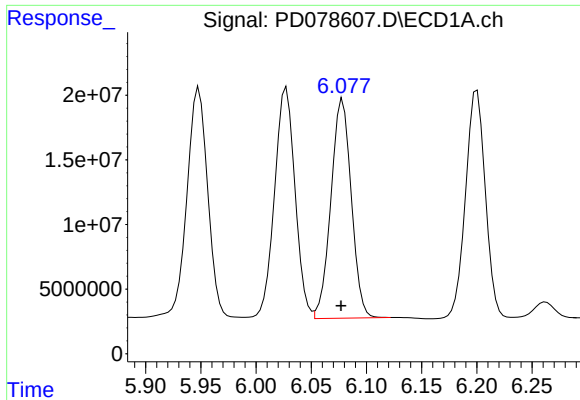
#8 Heptachlor epoxide

R.T.: 5.691 min
Delta R.T.: 0.001 min
Response: 232373950
Conc: 55.33 ng/ml



#8 Heptachlor epoxide

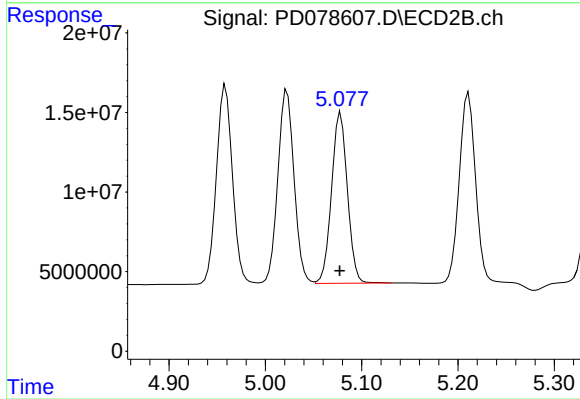
R.T.: 4.708 min
Delta R.T.: 0.001 min
Response: 143773495
Conc: 53.20 ng/ml



#9 Endosulfan I

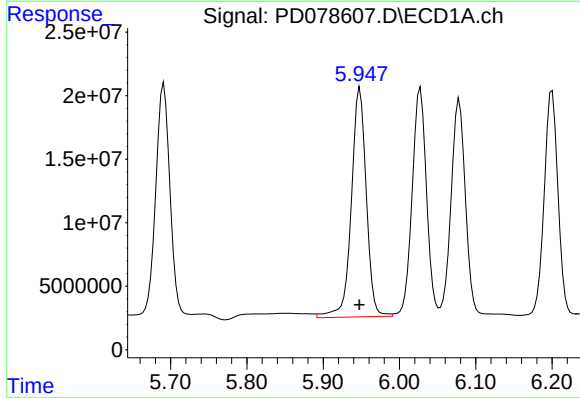
R.T.: 6.078 min
Delta R.T.: 0.001 min
Response: 217872794
Conc: 55.77 ng/ml

Instrument :
ECD_D
ClientSampleId :



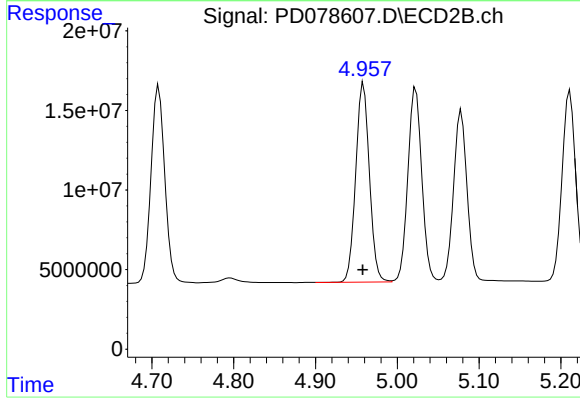
#9 Endosulfan I

R.T.: 5.078 min
Delta R.T.: 0.001 min
Response: 123045396
Conc: 48.93 ng/ml



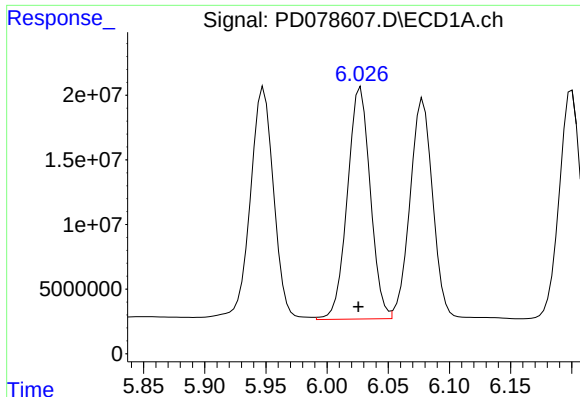
#10 gamma-Chlordane

R.T.: 5.948 min
Delta R.T.: 0.001 min
Response: 246255825
Conc: 58.64 ng/ml



#10 gamma-Chlordane

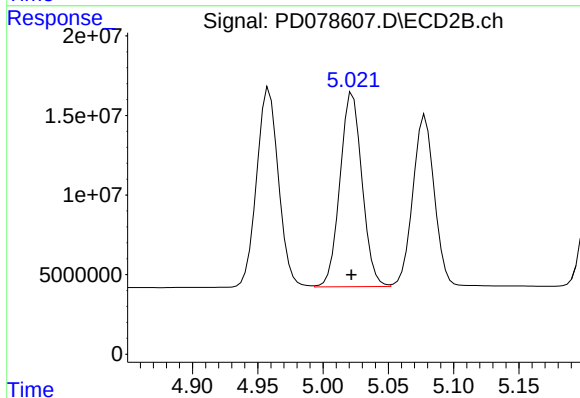
R.T.: 4.959 min
Delta R.T.: 0.001 min
Response: 145387362
Conc: 54.10 ng/ml



#11 alpha-Chlordane

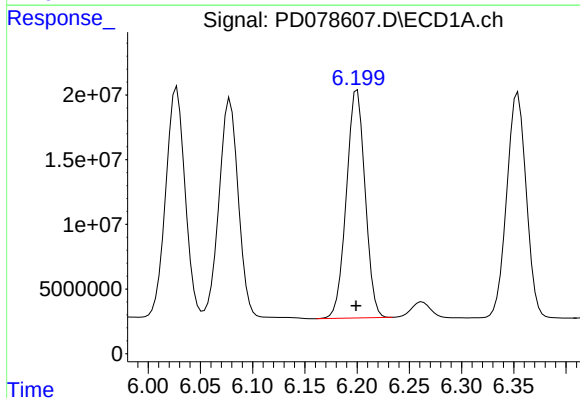
R.T.: 6.027 min
Delta R.T.: 0.002 min
Response: 233542326
Conc: 55.43 ng/ml

Instrument :
ECD_D
ClientSampleId :



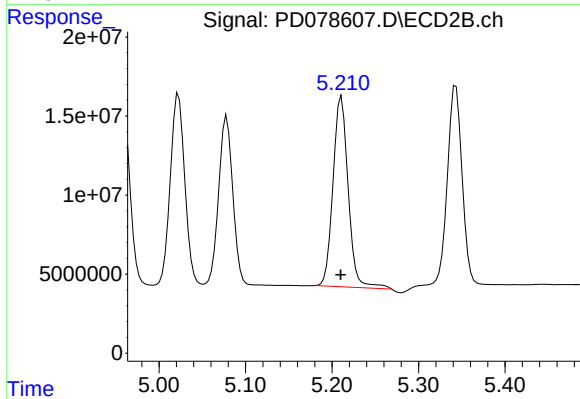
#11 alpha-Chlordane

R.T.: 5.023 min
Delta R.T.: 0.000 min
Response: 143148363
Conc: 53.31 ng/ml



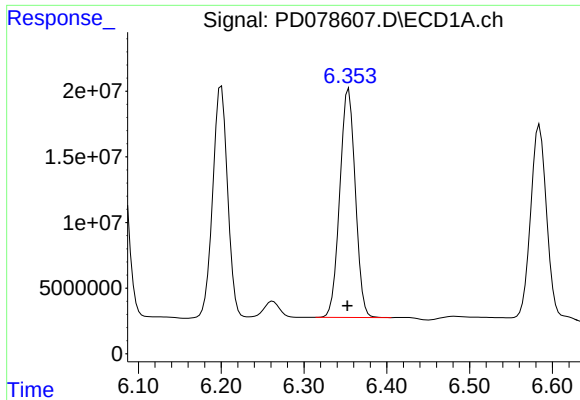
#12 4,4'-DDE

R.T.: 6.200 min
Delta R.T.: 0.001 min
Response: 219581797
Conc: 54.86 ng/ml



#12 4,4'-DDE

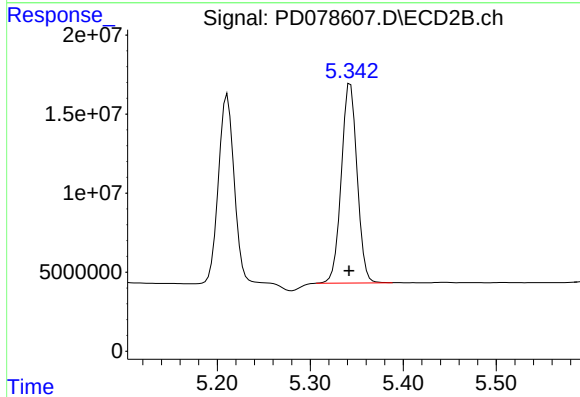
R.T.: 5.211 min
Delta R.T.: 0.000 min
Response: 146218393
Conc: 57.47 ng/ml



#13 Dieldrin

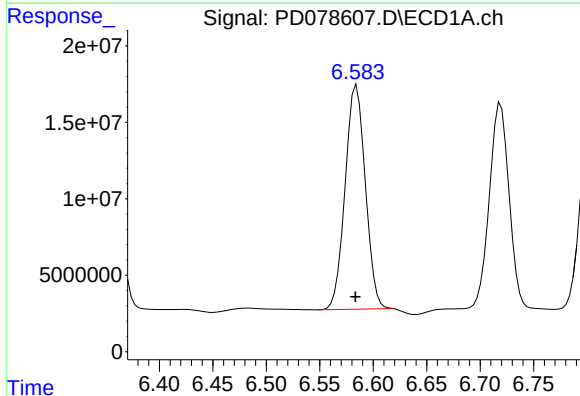
R.T.: 6.354 min
Delta R.T.: 0.002 min
Response: 226685093
Conc: 54.03 ng/ml

Instrument :
ECD_D
ClientSampleId :



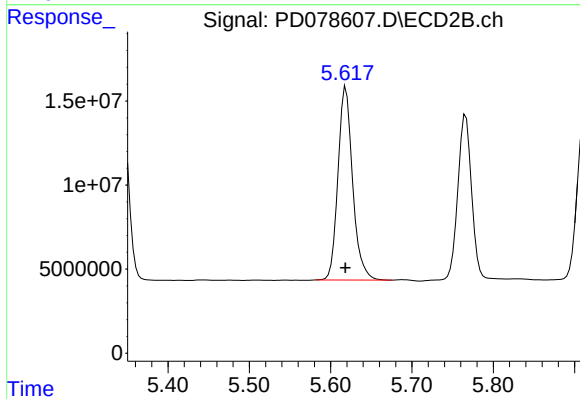
#13 Dieldrin

R.T.: 5.343 min
Delta R.T.: 0.001 min
Response: 149068806
Conc: 53.40 ng/ml



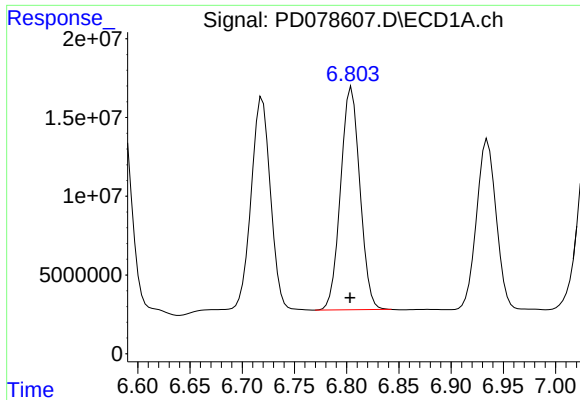
#14 Endrin

R.T.: 6.584 min
Delta R.T.: 0.001 min
Response: 193163326
Conc: 57.52 ng/ml



#14 Endrin

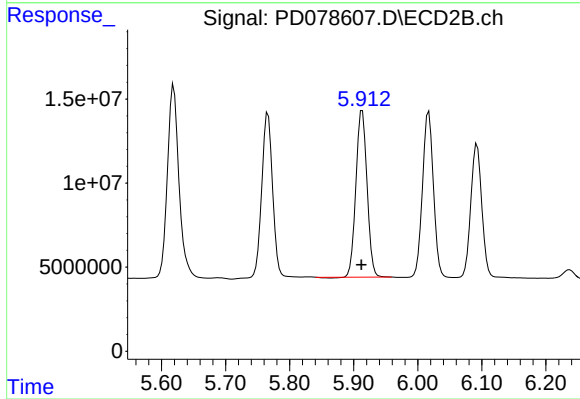
R.T.: 5.619 min
Delta R.T.: 0.000 min
Response: 144060968
Conc: 58.23 ng/ml



#15 Endosulfan II

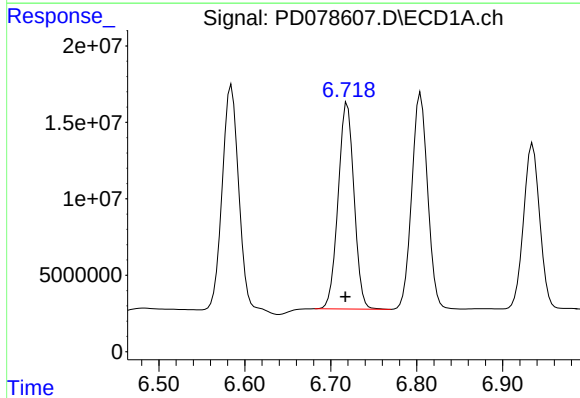
R.T.: 6.805 min
Delta R.T.: 0.001 min
Response: 181702742
Conc: 50.48 ng/ml

Instrument :
ECD_D
ClientSampleId :



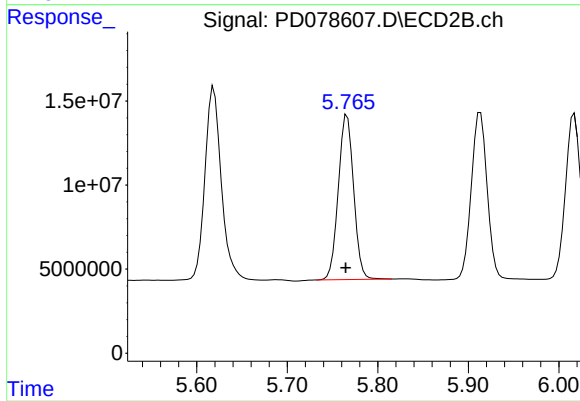
#15 Endosulfan II

R.T.: 5.913 min
Delta R.T.: 0.001 min
Response: 119459305
Conc: 50.18 ng/ml



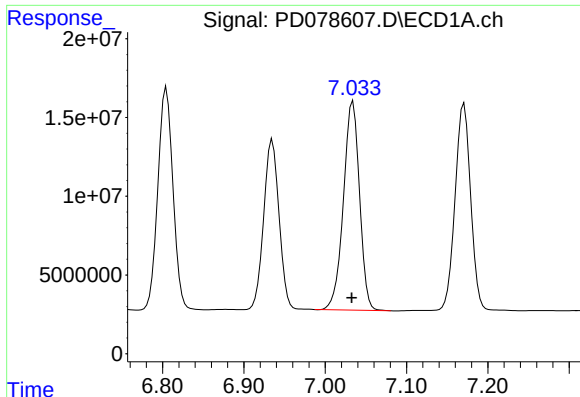
#16 4,4'-DDD

R.T.: 6.719 min
Delta R.T.: 0.002 min
Response: 173393838
Conc: 58.27 ng/ml



#16 4,4'-DDD

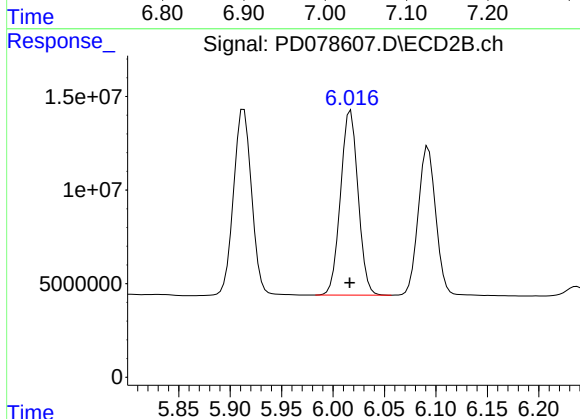
R.T.: 5.766 min
Delta R.T.: 0.001 min
Response: 115184389
Conc: 58.21 ng/ml



#17 4,4'-DDT

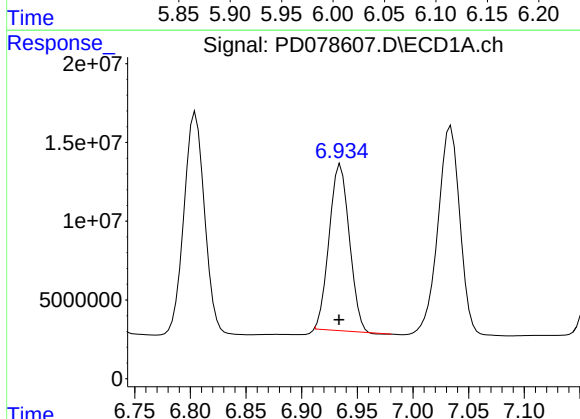
R.T.: 7.034 min
Delta R.T.: 0.002 min
Response: 182008759
Conc: 61.50 ng/ml

Instrument :
ECD_D
ClientSampleId :



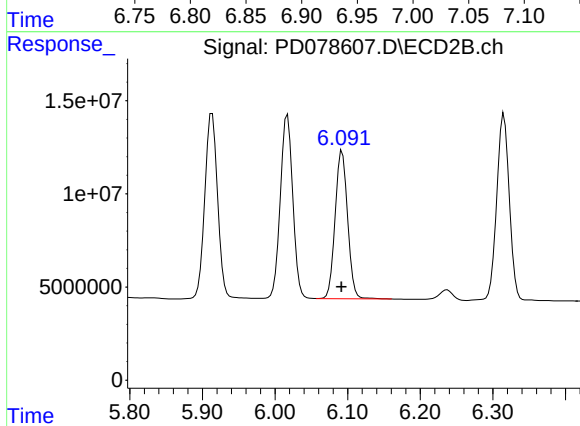
#17 4,4'-DDT

R.T.: 6.017 min
Delta R.T.: 0.001 min
Response: 117270311
Conc: 57.61 ng/ml



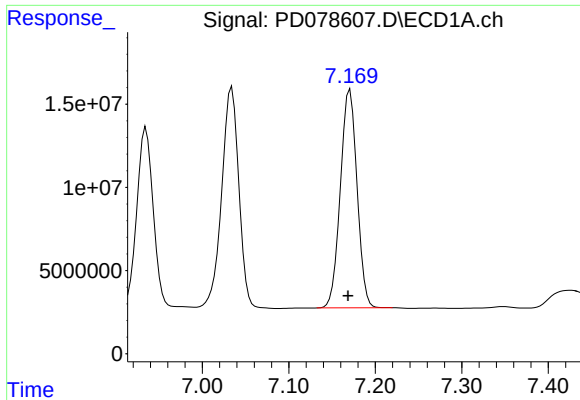
#18 Endrin aldehyde

R.T.: 6.935 min
Delta R.T.: 0.001 min
Response: 132603967
Conc: 49.64 ng/ml



#18 Endrin aldehyde

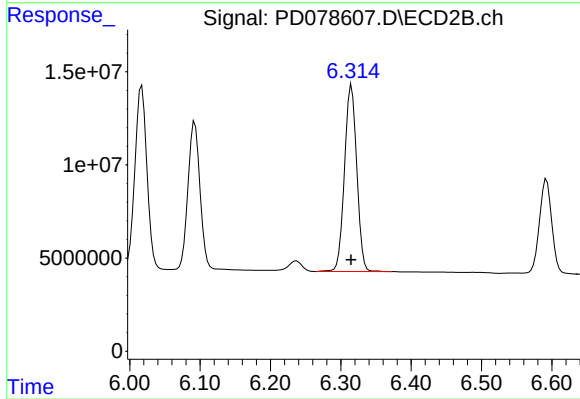
R.T.: 6.092 min
Delta R.T.: 0.000 min
Response: 94900797
Conc: 51.19 ng/ml



#19 Endosulfan Sulfate

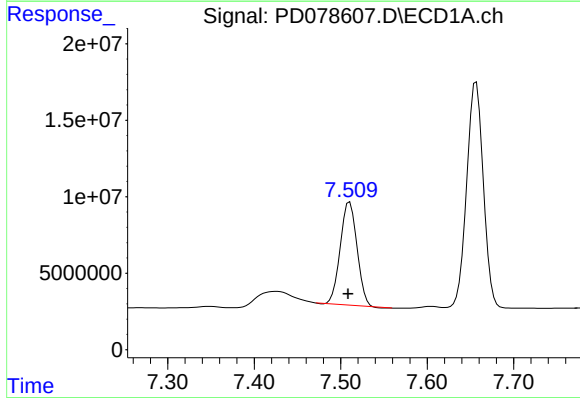
R.T.: 7.171 min
Delta R.T.: 0.002 min
Response: 174786930
Conc: 54.40 ng/ml

Instrument :
ECD_D
ClientSampleId :



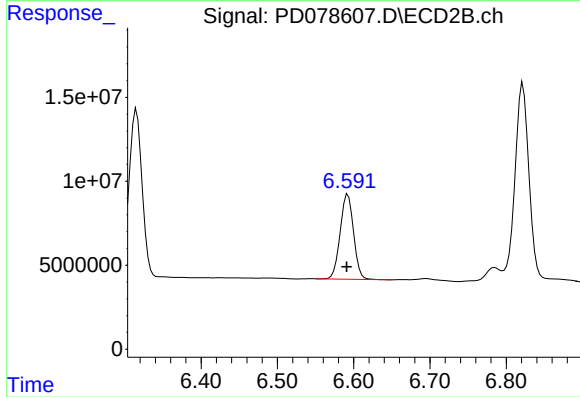
#19 Endosulfan Sulfate

R.T.: 6.315 min
Delta R.T.: 0.000 min
Response: 121484949
Conc: 54.76 ng/ml



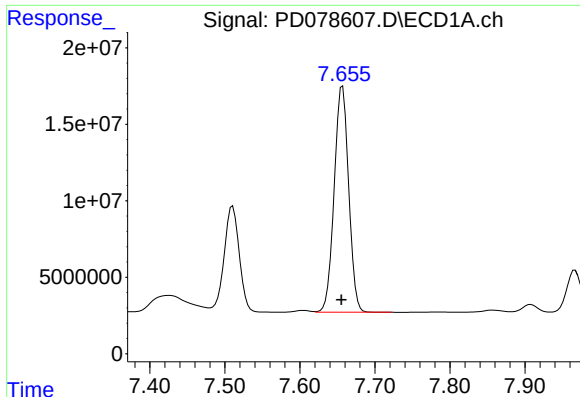
#20 Methoxychlor

R.T.: 7.510 min
Delta R.T.: 0.002 min
Response: 89498848
Conc: 53.63 ng/ml



#20 Methoxychlor

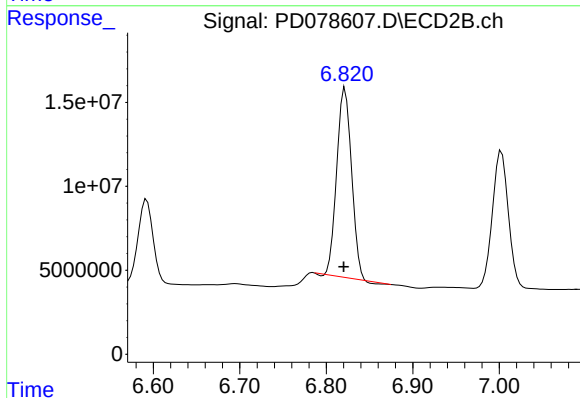
R.T.: 6.592 min
Delta R.T.: 0.001 min
Response: 61559907
Conc: 56.42 ng/ml



#21 Endrin ketone

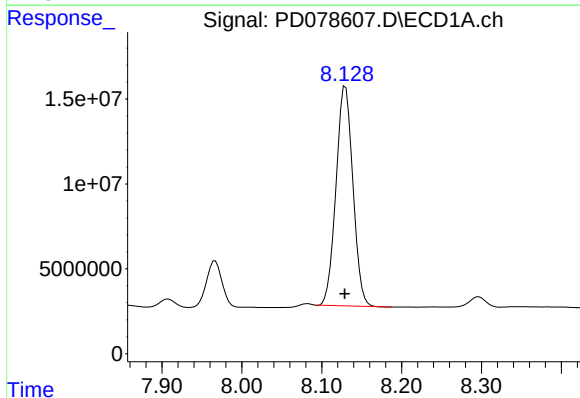
R.T.: 7.657 min
Delta R.T.: 0.002 min
Response: 198503368
Conc: 55.25 ng/ml

Instrument :
ECD_D
ClientSampleId :



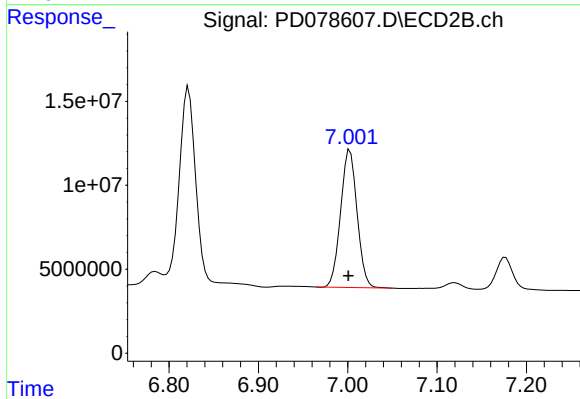
#21 Endrin ketone

R.T.: 6.822 min
Delta R.T.: 0.002 min
Response: 131682394
Conc: 50.17 ng/ml



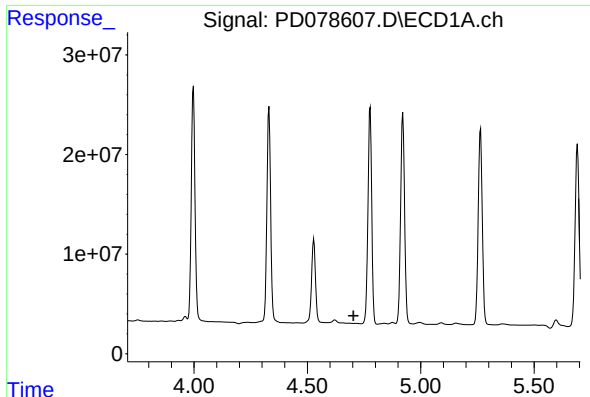
#22 Mirex

R.T.: 8.130 min
Delta R.T.: 0.000 min
Response: 189941915
Conc: 71.11 ng/ml



#22 Mirex

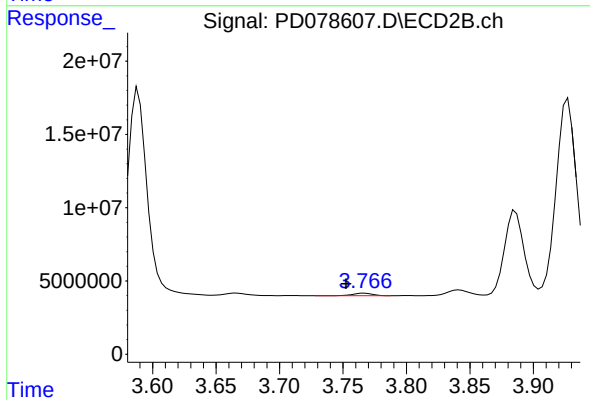
R.T.: 7.002 min
Delta R.T.: 0.002 min
Response: 105010508
Conc: 51.53 ng/ml



#23 Chlordane-1

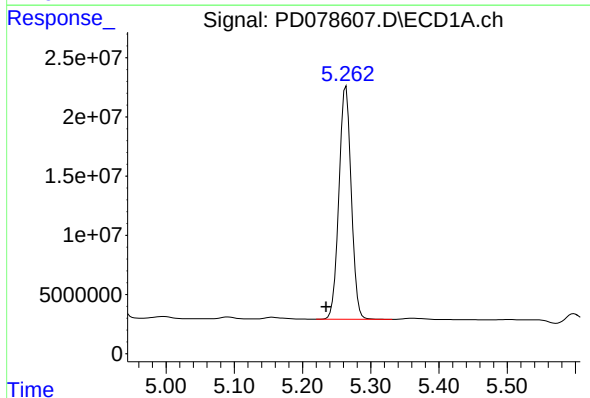
R.T.: 0.000 min
Exp R.T.: 4.704 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



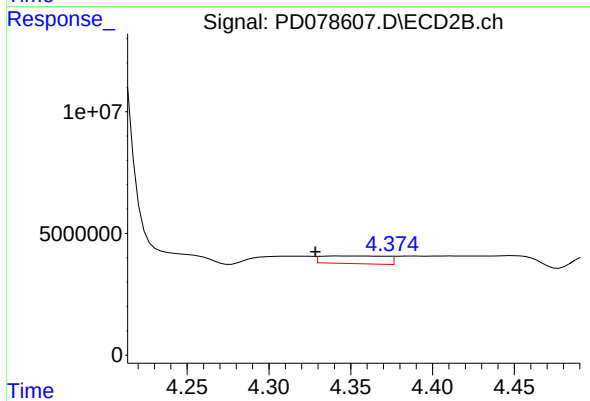
#23 Chlordane-1

R.T.: 3.767 min
Delta R.T.: 0.014 min
Response: 1956090
Conc: 26.89 ng/ml



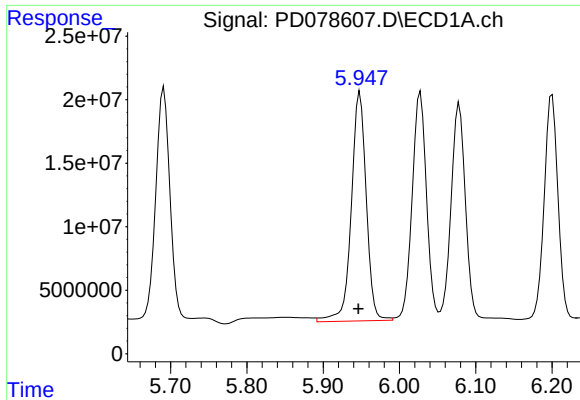
#24 Chlordane-2

R.T.: 5.264 min
Delta R.T.: 0.029 min
Response: 246398507
Conc: 1727.84 ng/ml



#24 Chlordane-2

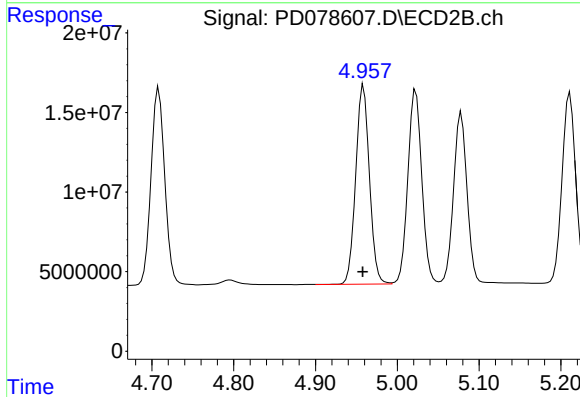
R.T.: 4.341 min
Delta R.T.: 0.013 min
Response: 8688195
Conc: 112.19 ng/ml



#25 Chlordane-3

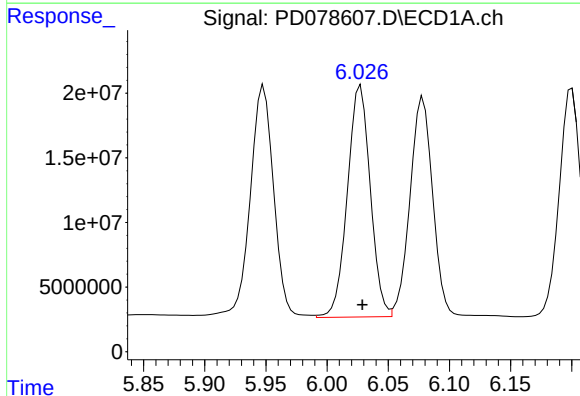
R.T.: 5.948 min
Delta R.T.: 0.002 min
Response: 246255825
Conc: 420.93 ng/ml

Instrument :
ECD_D
ClientSampleId :



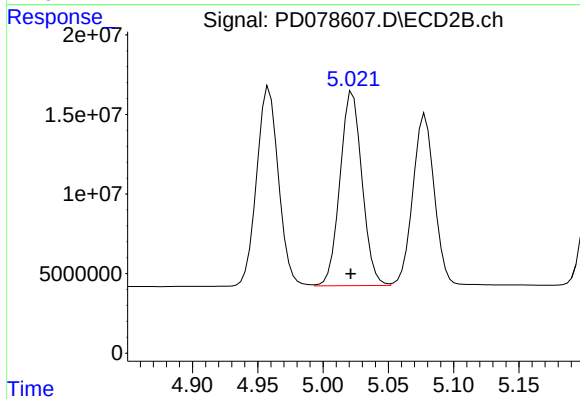
#25 Chlordane-3

R.T.: 4.959 min
Delta R.T.: 0.000 min
Response: 145387362
Conc: 564.27 ng/ml



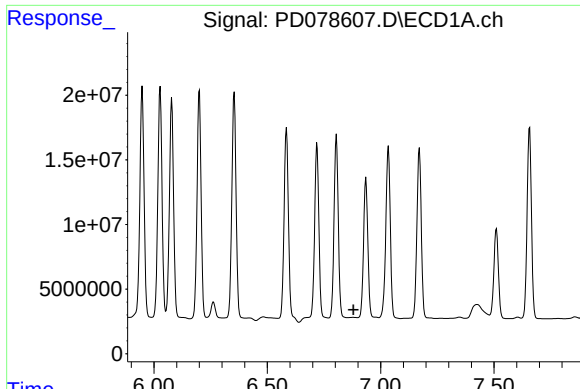
#26 Chlordane-4

R.T.: 6.027 min
Delta R.T.: -0.001 min
Response: 233542326
Conc: 330.10 ng/ml



#26 Chlordane-4

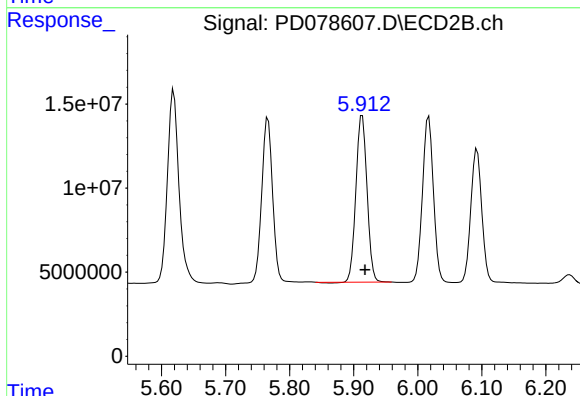
R.T.: 5.023 min
Delta R.T.: 0.001 min
Response: 143148363
Conc: 570.00 ng/ml



#27 Chlordane-5

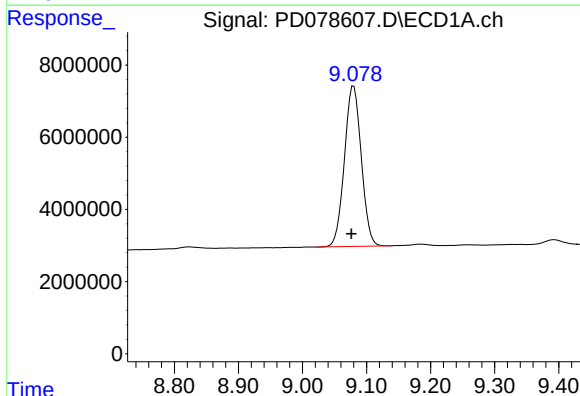
R.T.: 6.878 min
Delta R.T.: -0.003 min
Response: -136179
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



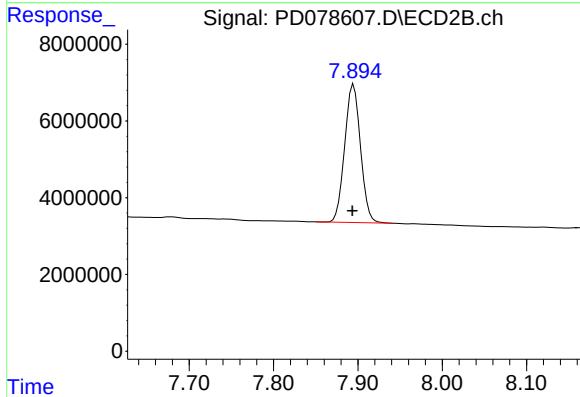
#27 Chlordane-5

R.T.: 5.913 min
Delta R.T.: -0.004 min
Response: 119459305
Conc: 1390.17 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.080 min
Delta R.T.: 0.003 min
Response: 81154834
Conc: 21.88 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.895 min
Delta R.T.: 0.002 min
Response: 46867905
Conc: 20.65 ng/ml