

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD092423\
 Data File : PD078248.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Sep 2023 20:13
 Operator : AR\AJ
 Sample : PB155760BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 23 01:05:21 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD090323.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 01 16:18:56 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...	3.539	2.758	43714107	30072089	17.217	19.013
28)	SA Decachlor...	9.075	7.894	54169030	35980504	17.782	20.851
Target Compounds							
2)	A alpha-BHC	3.996	3.259	235.2E6	143.0E6	57.175	61.802
3)	MA gamma-BHC...	4.329	3.588	213.6E6	133.3E6	53.994	59.616
4)	MA Heptachlor	4.920	3.927	229.3E6	144.2E6	58.530	64.089
5)	MB Aldrin	5.262	4.206	221.2E6	134.7E6	54.990	59.111
6)	B beta-BHC	4.527	3.886	84456113	54051158	52.334	60.645
7)	B delta-BHC	4.775	4.115	201.0E6	131.7E6	54.531	60.758
8)	B Heptachlo...	5.690	4.708	192.9E6	125.2E6	53.937	61.712
9)	A Endosulfan I	6.076	5.078	184.0E6	118.9E6	55.932	63.483
10)	B gamma-Chl...	5.947	4.958	195.5E6	126.3E6	55.544	62.838
11)	B alpha-Chl...	6.026	5.022	195.0E6	124.9E6	54.794	62.017
12)	B 4,4'-DDE	6.198	5.211	189.3E6	121.4E6	58.803	66.525
13)	MA Dieldrin	6.352	5.343	192.3E6	125.6E6	54.050	61.509
14)	MA Endrin	6.583	5.619	166.1E6	115.3E6	54.773	63.652
15)	B Endosulfa...	6.803	5.913	161.3E6	102.8E6	52.042	60.109
16)	A 4,4'-DDD	6.717	5.766	144.7E6	94764838	56.477	67.814
17)	MA 4,4'-DDT	7.032	6.017	150.8E6	96846813	57.652	68.548
18)	B Endrin al...	6.933	6.092	119.8E6	80440595	50.430	59.593
19)	B Endosulfa...	7.168	6.315	147.4E6	101.8E6	51.954	63.597
20)	A Methoxychlor	7.507	6.591	77443714	50091105	50.069	64.697 #
21)	B Endrin ke...	7.653	6.821	162.9E6	111.6E6	50.129	59.032
22)	Mirex	8.128	7.002	115.7E6	87899633	48.115	57.403
23)	Chlordane-1	0.000	3.750	0	159696	N.D.	2.804 #
24)	Chlordane-2	5.262f	4.314f	221.2E6	276393	1732.788	4.340 #
25)	Chlordane-3	5.947	4.958	195.5E6	126.3E6	389.215	643.802 #
26)	Chlordane-4	6.026	5.022	195.0E6	124.9E6	316.516	660.316 #
27)	Chlordane-5	0.000	5.913	0	102.8E6	N.D.	1598.578 #

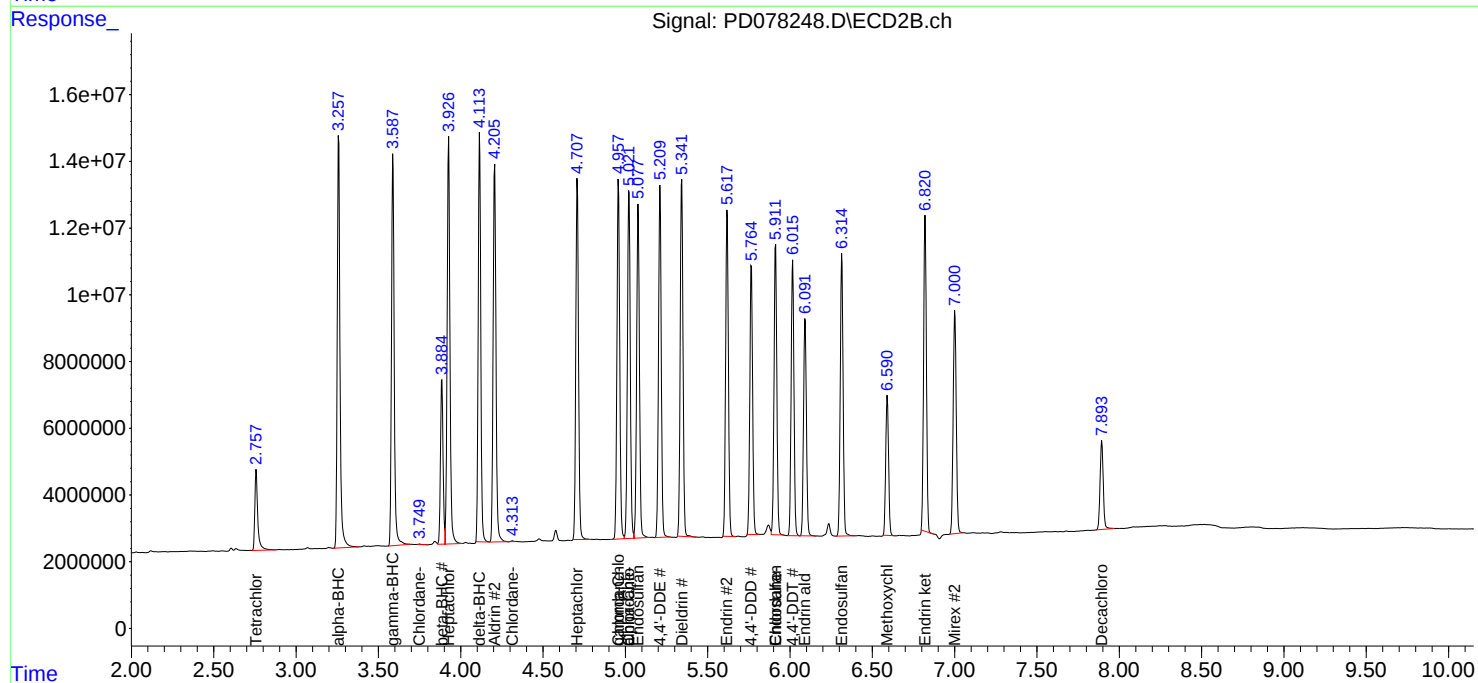
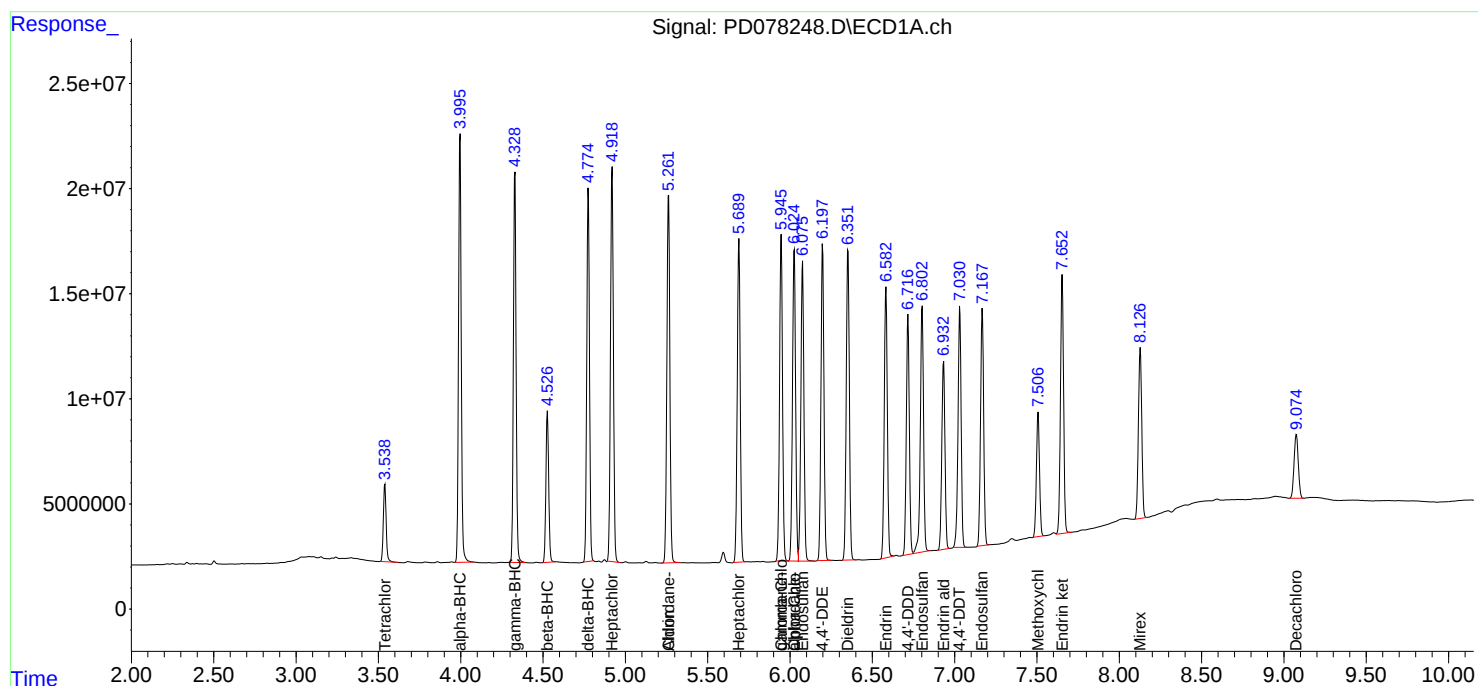
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

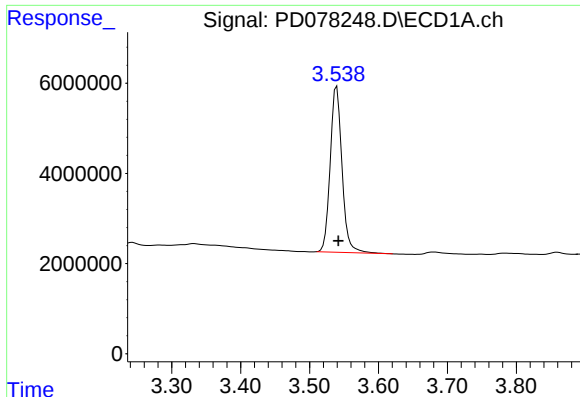
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD092423\
Data File : PD078248.D
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Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

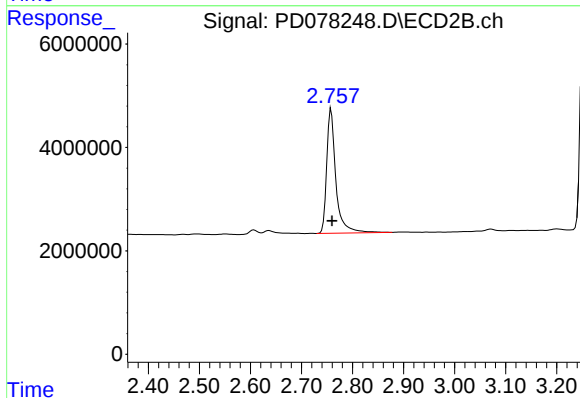




#1 Tetrachloro-m-xylene

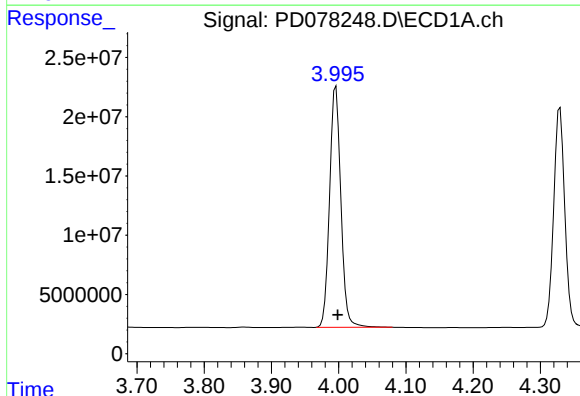
R.T.: 3.539 min
Delta R.T.: -0.002 min
Response: 43714107
Conc: 17.22 ng/ml

Instrument :
ECD_D
ClientSampleId :



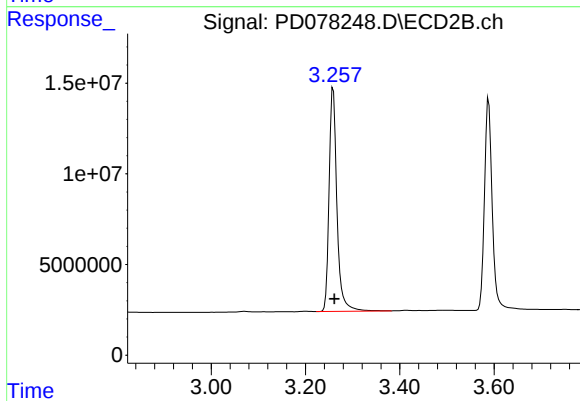
#1 Tetrachloro-m-xylene

R.T.: 2.758 min
Delta R.T.: -0.002 min
Response: 30072089
Conc: 19.01 ng/ml



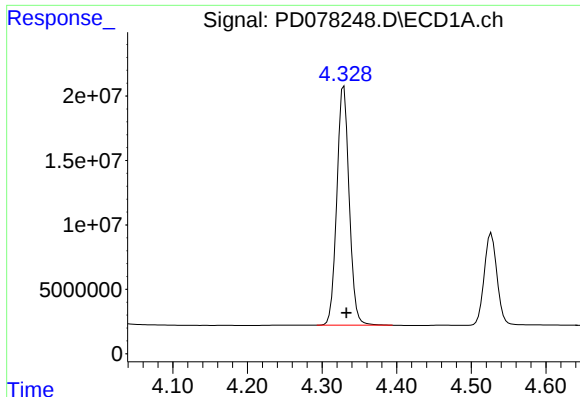
#2 alpha-BHC

R.T.: 3.996 min
Delta R.T.: -0.003 min
Response: 235225139
Conc: 57.17 ng/ml



#2 alpha-BHC

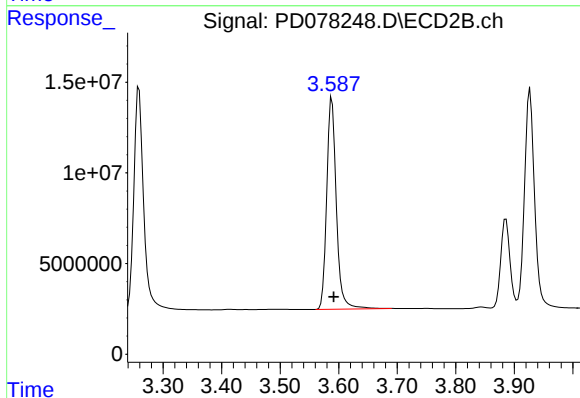
R.T.: 3.259 min
Delta R.T.: -0.003 min
Response: 142983288
Conc: 61.80 ng/ml



#3 gamma-BHC (Lindane)

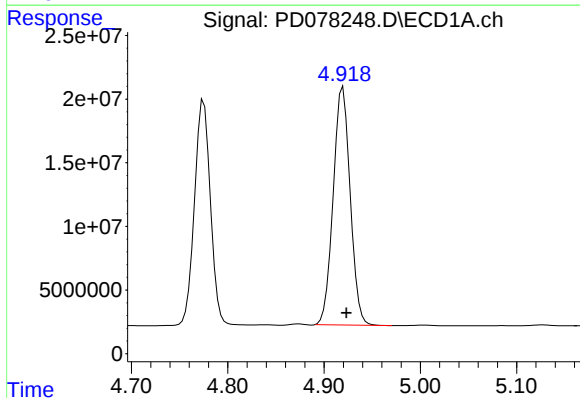
R.T.: 4.329 min
Delta R.T.: -0.003 min
Response: 213598273
Conc: 53.99 ng/ml

Instrument :
ECD_D
ClientSampleId :



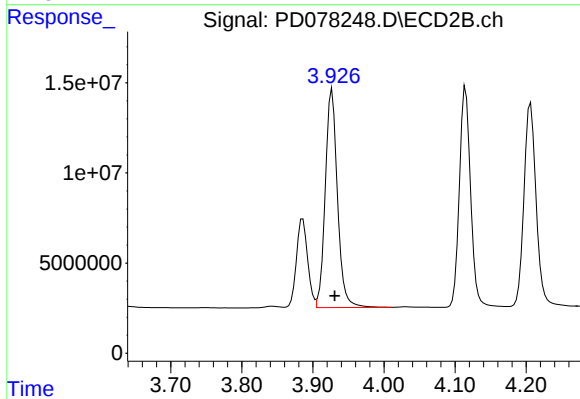
#3 gamma-BHC (Lindane)

R.T.: 3.588 min
Delta R.T.: -0.003 min
Response: 133268718
Conc: 59.62 ng/ml



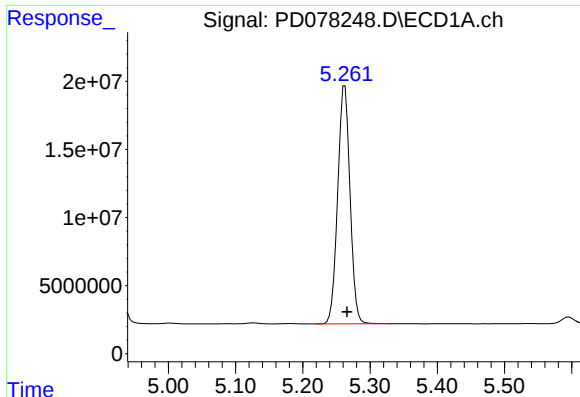
#4 Heptachlor

R.T.: 4.920 min
Delta R.T.: -0.004 min
Response: 229317071
Conc: 58.53 ng/ml



#4 Heptachlor

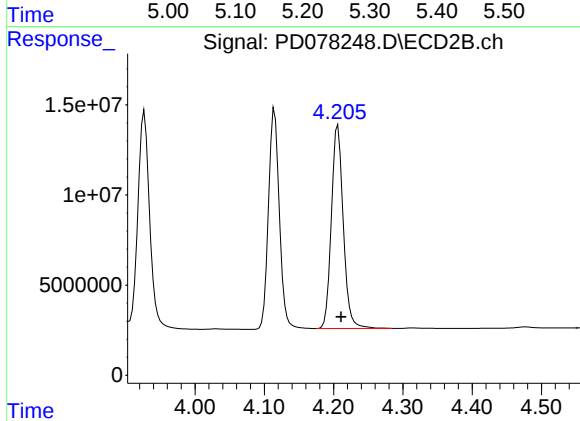
R.T.: 3.927 min
Delta R.T.: -0.004 min
Response: 144160912
Conc: 64.09 ng/ml



#5 Aldrin

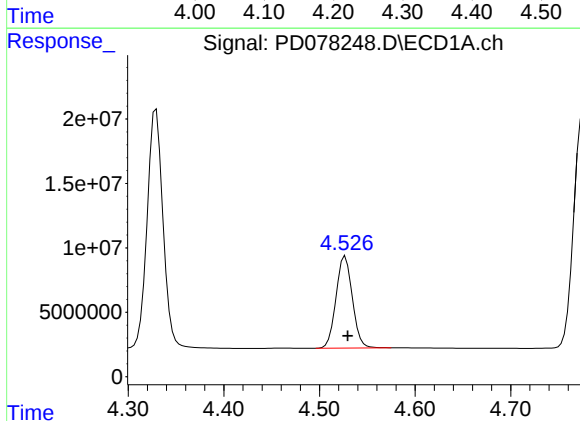
R.T.: 5.262 min
Delta R.T.: -0.003 min
Response: 221159106
Conc: 54.99 ng/ml

Instrument :
ECD_D
ClientSampleId :



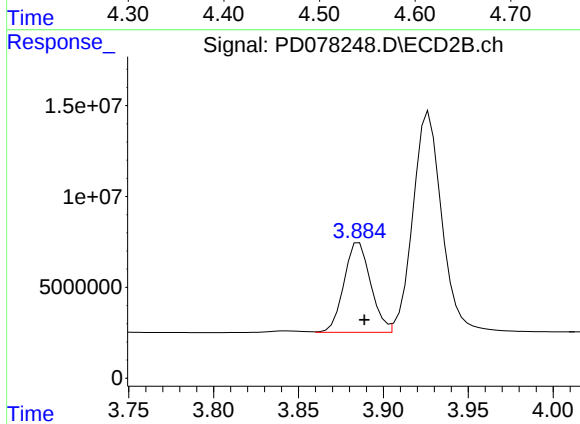
#5 Aldrin

R.T.: 4.206 min
Delta R.T.: -0.004 min
Response: 134655735
Conc: 59.11 ng/ml



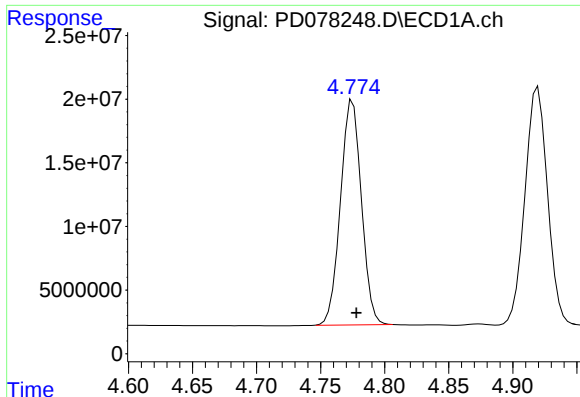
#6 beta-BHC

R.T.: 4.527 min
Delta R.T.: -0.003 min
Response: 84456113
Conc: 52.33 ng/ml



#6 beta-BHC

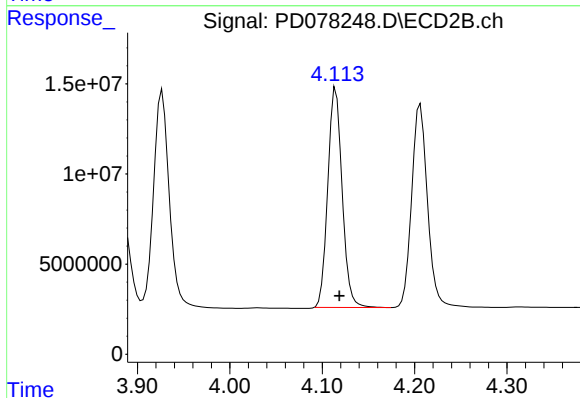
R.T.: 3.886 min
Delta R.T.: -0.003 min
Response: 54051158
Conc: 60.65 ng/ml



#7 delta-BHC

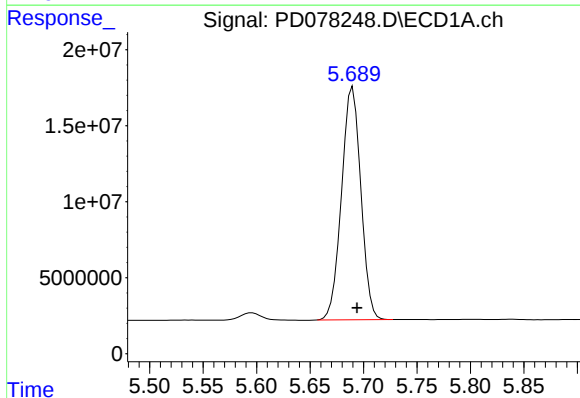
R.T.: 4.775 min
Delta R.T.: -0.003 min
Response: 201021084
Conc: 54.53 ng/ml

Instrument :
ECD_D
ClientSampleId :



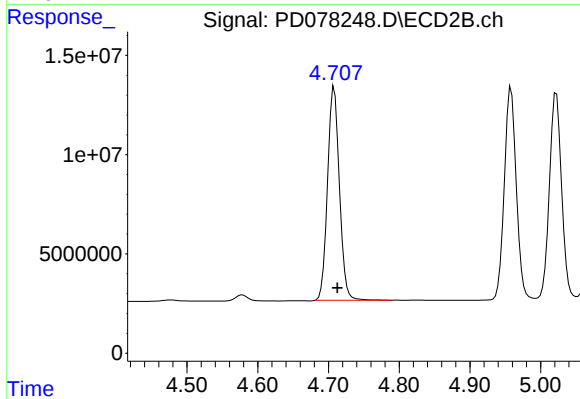
#7 delta-BHC

R.T.: 4.115 min
Delta R.T.: -0.004 min
Response: 131713603
Conc: 60.76 ng/ml



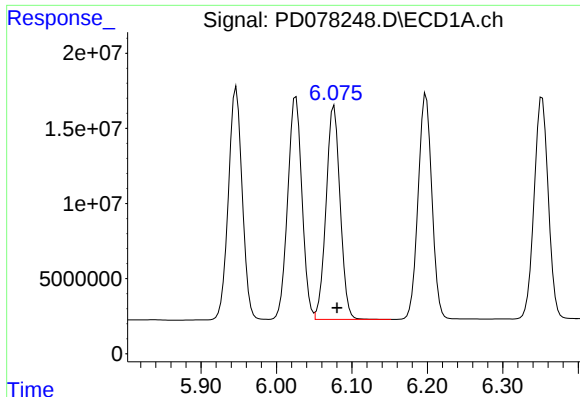
#8 Heptachlor epoxide

R.T.: 5.690 min
Delta R.T.: -0.004 min
Response: 192857729
Conc: 53.94 ng/ml



#8 Heptachlor epoxide

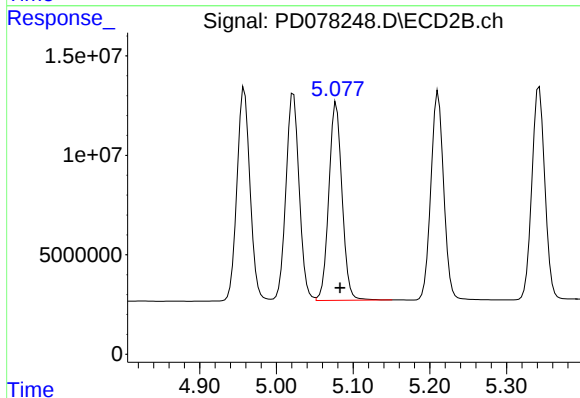
R.T.: 4.708 min
Delta R.T.: -0.004 min
Response: 125166019
Conc: 61.71 ng/ml



#9 Endosulfan I

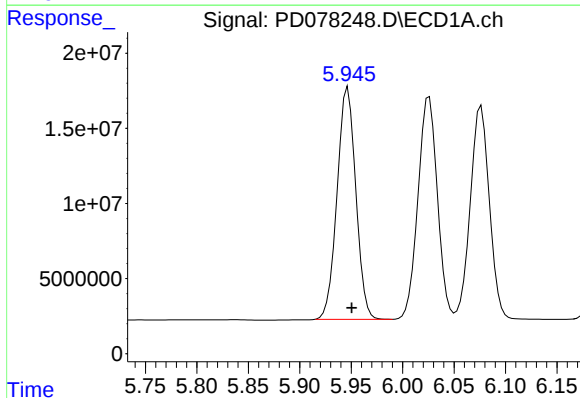
R.T.: 6.076 min
Delta R.T.: -0.004 min
Response: 183963615
Conc: 55.93 ng/ml

Instrument :
ECD_D
ClientSampleId :



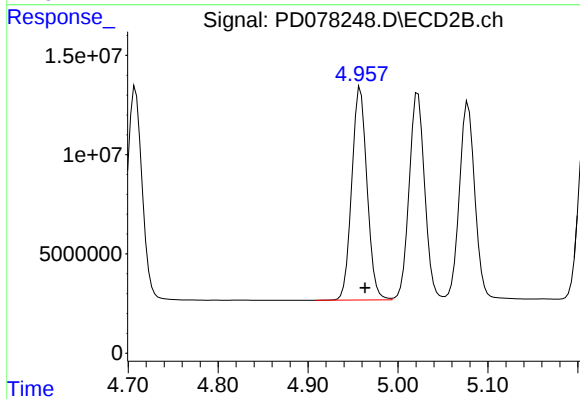
#9 Endosulfan I

R.T.: 5.078 min
Delta R.T.: -0.005 min
Response: 118911959
Conc: 63.48 ng/ml



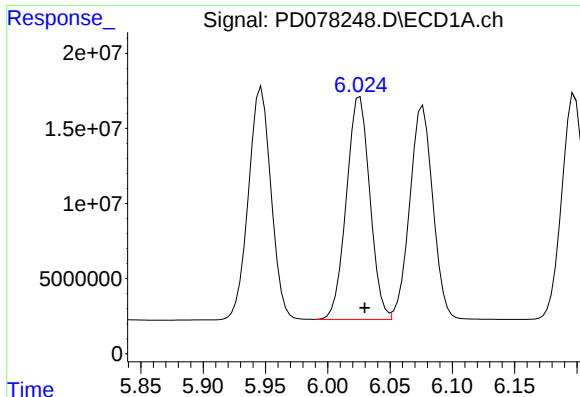
#10 gamma-Chlordane

R.T.: 5.947 min
Delta R.T.: -0.004 min
Response: 195533590
Conc: 55.54 ng/ml



#10 gamma-Chlordane

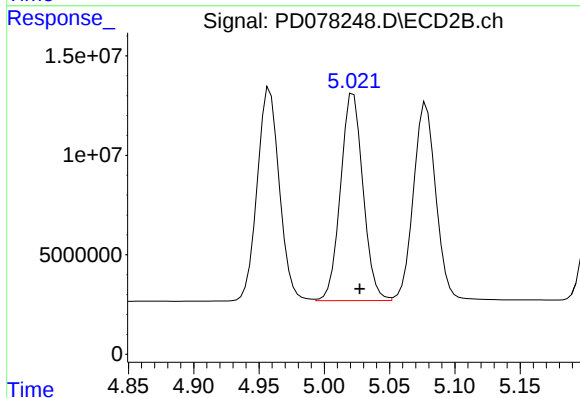
R.T.: 4.958 min
Delta R.T.: -0.005 min
Response: 126315537
Conc: 62.84 ng/ml



#11 alpha-Chlordane

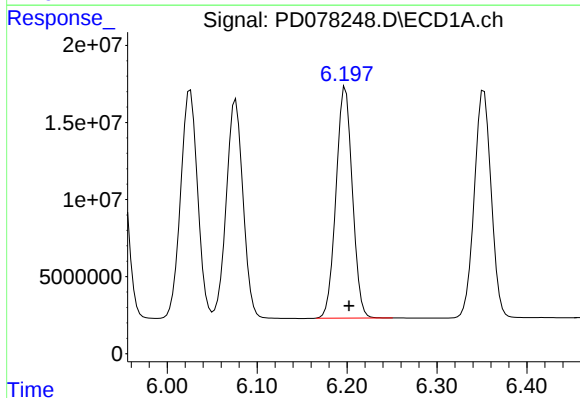
R.T.: 6.026 min
Delta R.T.: -0.004 min
Response: 194975972
Conc: 54.79 ng/ml

Instrument :
ECD_D
ClientSampleId :



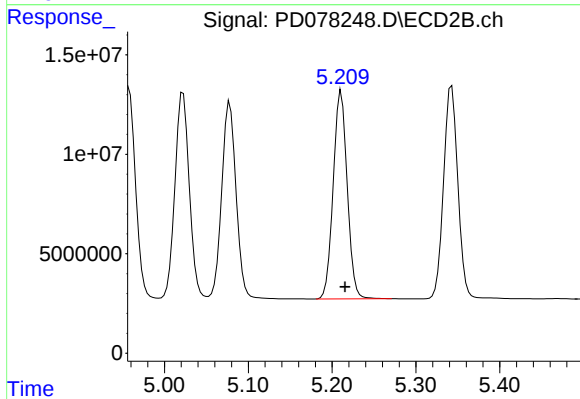
#11 alpha-Chlordane

R.T.: 5.022 min
Delta R.T.: -0.005 min
Response: 124946691
Conc: 62.02 ng/ml



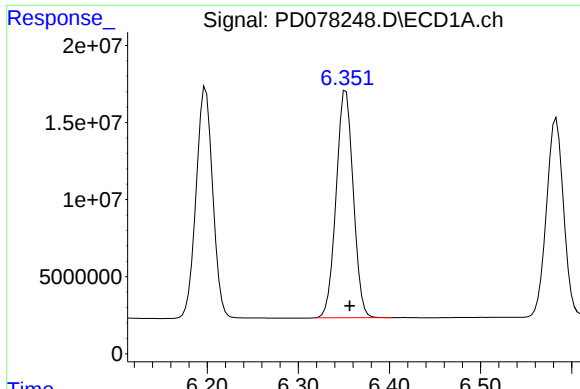
#12 4,4'-DDE

R.T.: 6.198 min
Delta R.T.: -0.004 min
Response: 189324647
Conc: 58.80 ng/ml



#12 4,4'-DDE

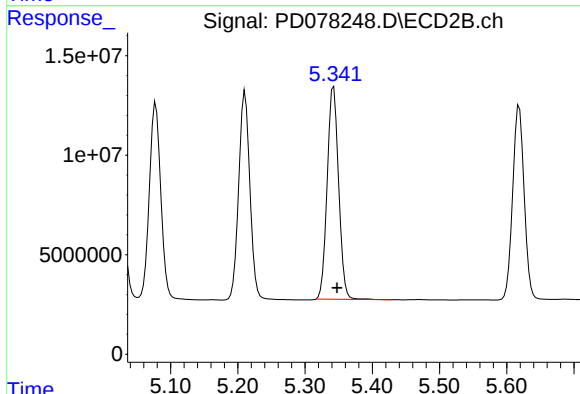
R.T.: 5.211 min
Delta R.T.: -0.005 min
Response: 121426461
Conc: 66.52 ng/ml



#13 Dieldrin

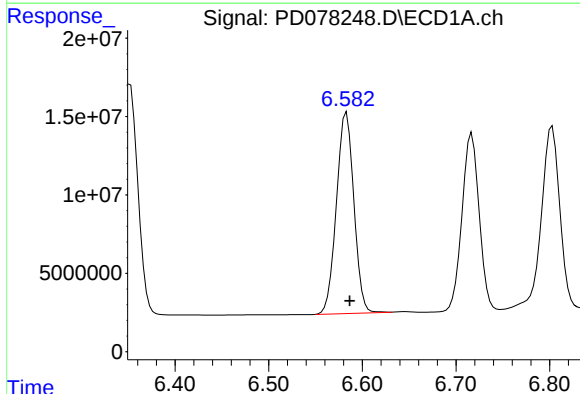
R.T.: 6.352 min
Delta R.T.: -0.004 min
Response: 192299917
Conc: 54.05 ng/ml

Instrument :
ECD_D
ClientSampleId :



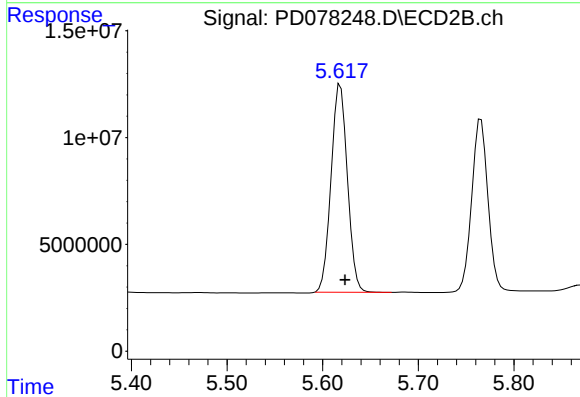
#13 Dieldrin

R.T.: 5.343 min
Delta R.T.: -0.005 min
Response: 125589790
Conc: 61.51 ng/ml



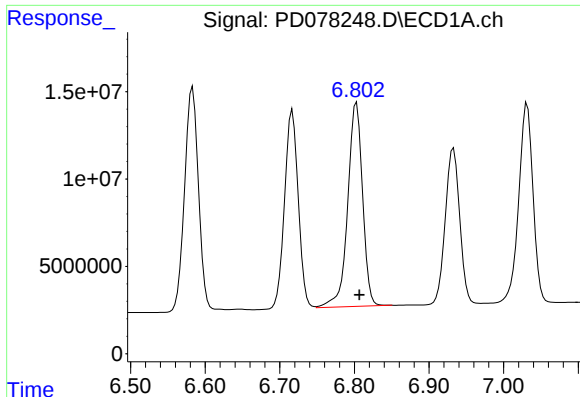
#14 Endrin

R.T.: 6.583 min
Delta R.T.: -0.004 min
Response: 166137213
Conc: 54.77 ng/ml



#14 Endrin

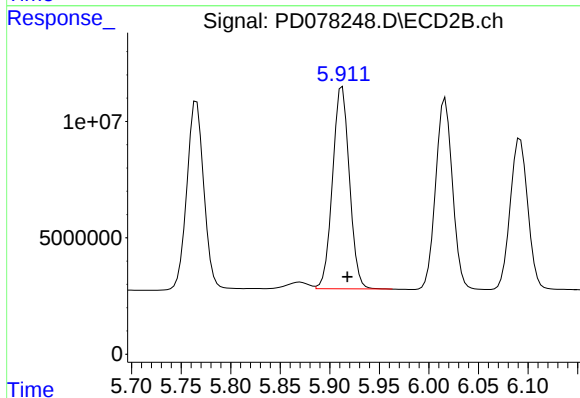
R.T.: 5.619 min
Delta R.T.: -0.005 min
Response: 115293920
Conc: 63.65 ng/ml



#15 Endosulfan II

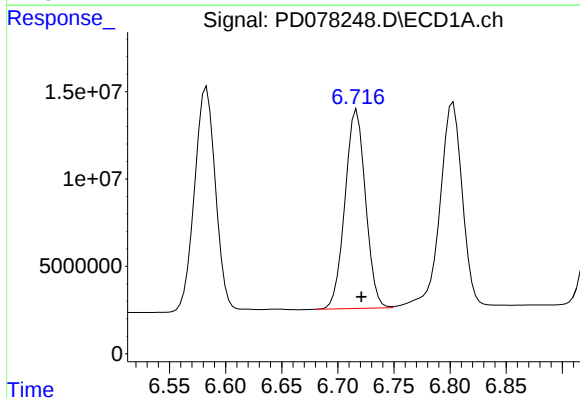
R.T.: 6.803 min
Delta R.T.: -0.004 min
Response: 161259895
Conc: 52.04 ng/ml

Instrument :
ECD_D
ClientSampleId :



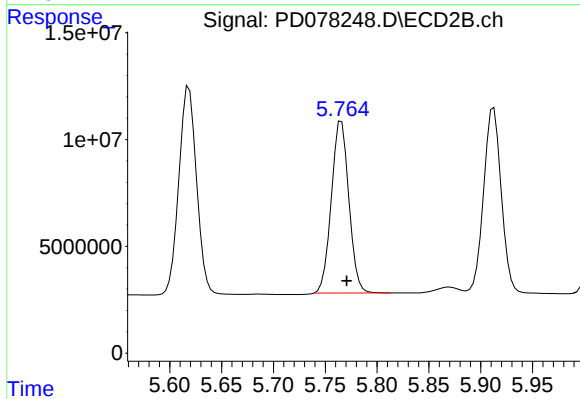
#15 Endosulfan II

R.T.: 5.913 min
Delta R.T.: -0.005 min
Response: 102848902
Conc: 60.11 ng/ml



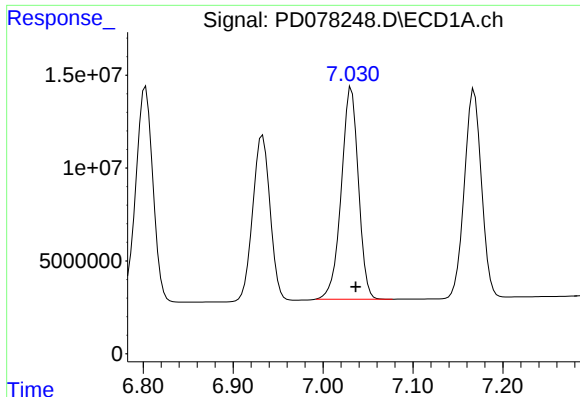
#16 4,4'-DDD

R.T.: 6.717 min
Delta R.T.: -0.004 min
Response: 144711411
Conc: 56.48 ng/ml



#16 4,4'-DDD

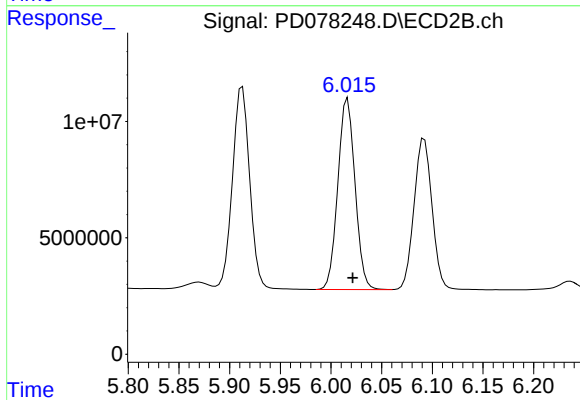
R.T.: 5.766 min
Delta R.T.: -0.005 min
Response: 94764838
Conc: 67.81 ng/ml



#17 4,4'-DDT

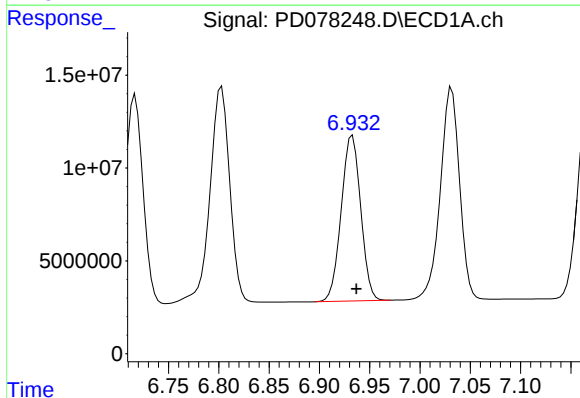
R.T.: 7.032 min
Delta R.T.: -0.005 min
Response: 150777685
Conc: 57.65 ng/ml

Instrument :
ECD_D
ClientSampleId :



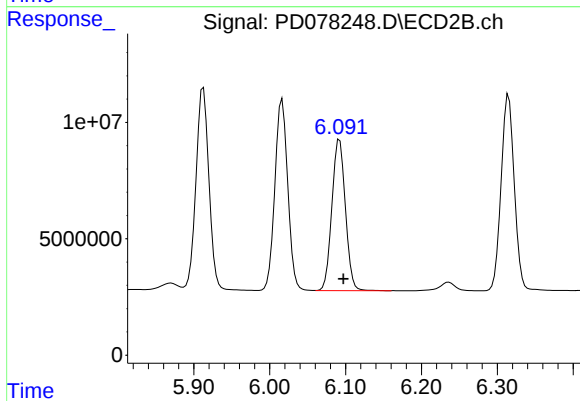
#17 4,4'-DDT

R.T.: 6.017 min
Delta R.T.: -0.005 min
Response: 96846813
Conc: 68.55 ng/ml



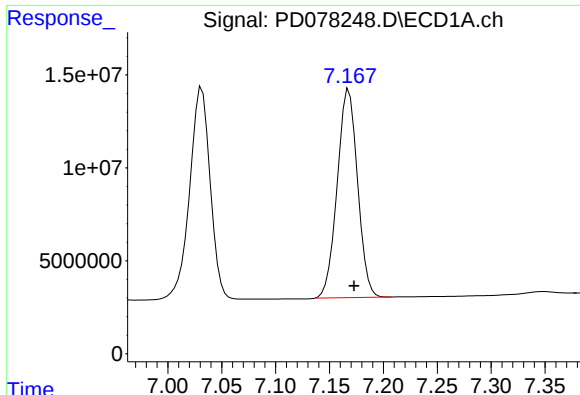
#18 Endrin aldehyde

R.T.: 6.933 min
Delta R.T.: -0.004 min
Response: 119840829
Conc: 50.43 ng/ml



#18 Endrin aldehyde

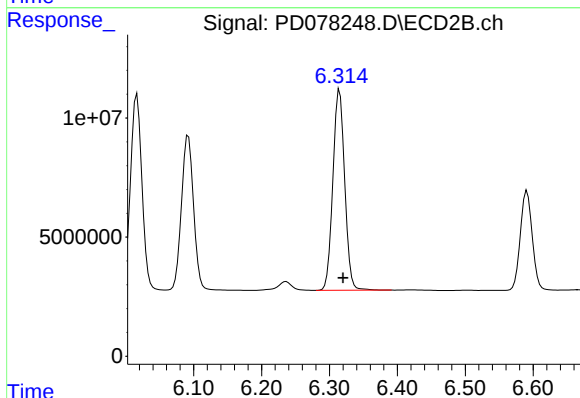
R.T.: 6.092 min
Delta R.T.: -0.005 min
Response: 80440595
Conc: 59.59 ng/ml



#19 Endosulfan Sulfate

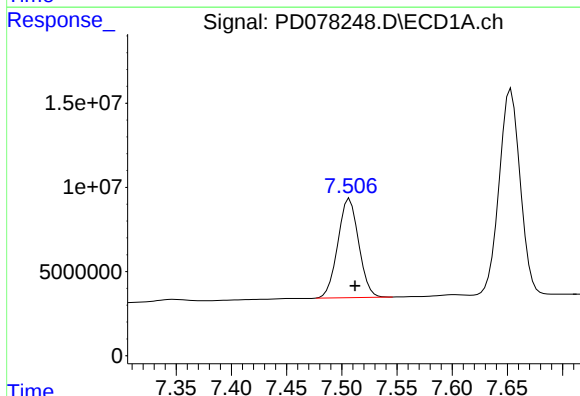
R.T.: 7.168 min
Delta R.T.: -0.005 min
Response: 147439561
Conc: 51.95 ng/ml

Instrument :
ECD_D
ClientSampleId :



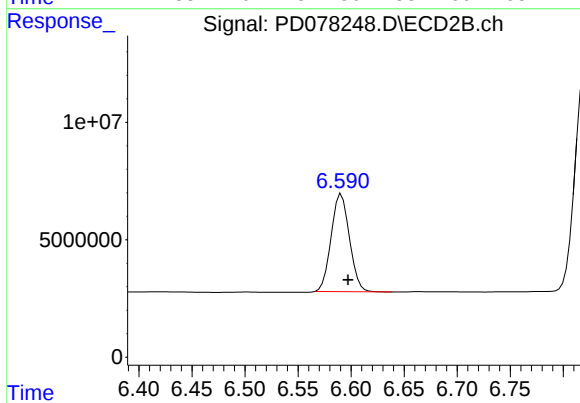
#19 Endosulfan Sulfate

R.T.: 6.315 min
Delta R.T.: -0.005 min
Response: 101832891
Conc: 63.60 ng/ml



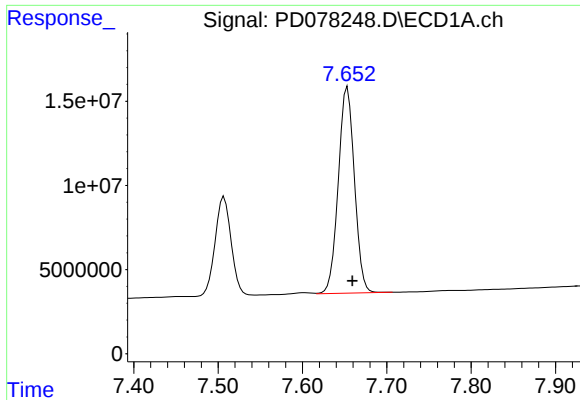
#20 Methoxychlor

R.T.: 7.507 min
Delta R.T.: -0.005 min
Response: 77443714
Conc: 50.07 ng/ml



#20 Methoxychlor

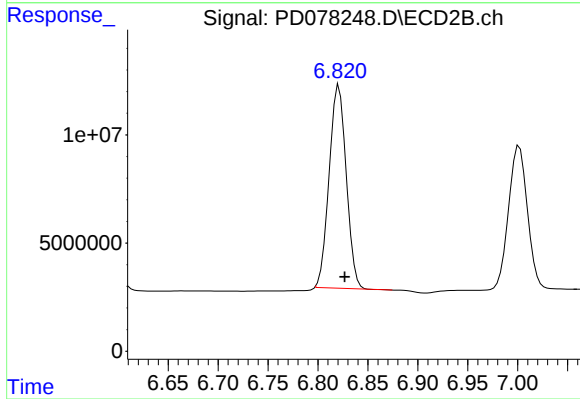
R.T.: 6.591 min
Delta R.T.: -0.006 min
Response: 50091105
Conc: 64.70 ng/ml



#21 Endrin ketone

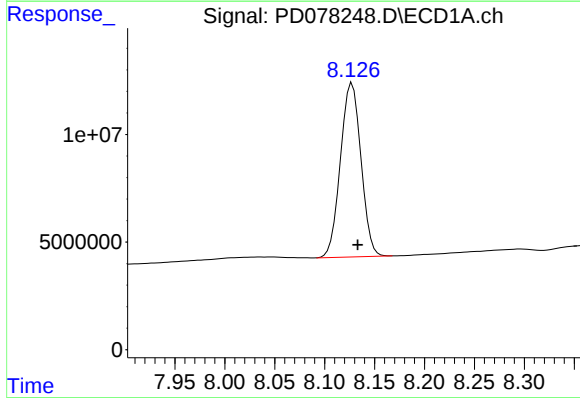
R.T.: 7.653 min
Delta R.T.: -0.006 min
Response: 162921840
Conc: 50.13 ng/ml

Instrument :
ECD_D
ClientSampleId :



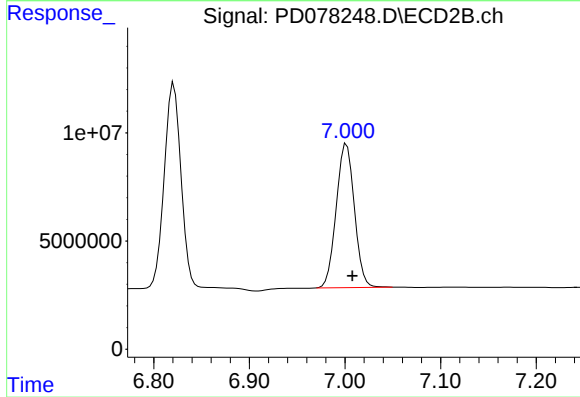
#21 Endrin ketone

R.T.: 6.821 min
Delta R.T.: -0.006 min
Response: 111615130
Conc: 59.03 ng/ml



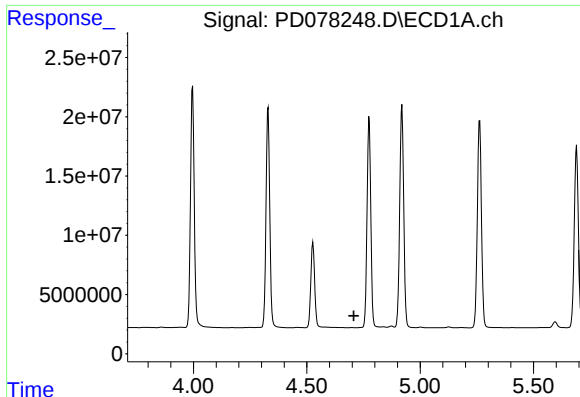
#22 Mirex

R.T.: 8.128 min
Delta R.T.: -0.006 min
Response: 115719357
Conc: 48.12 ng/ml



#22 Mirex

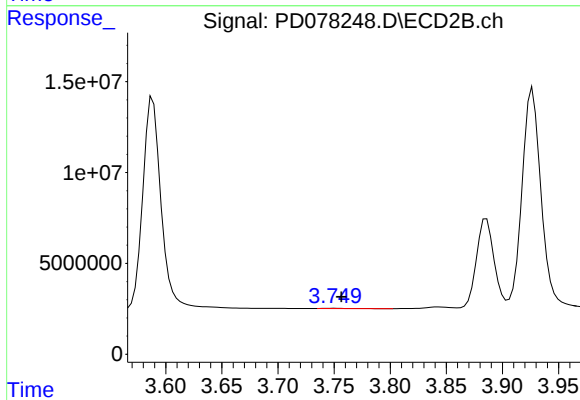
R.T.: 7.002 min
Delta R.T.: -0.006 min
Response: 87899633
Conc: 57.40 ng/ml



#23 Chlordane-1

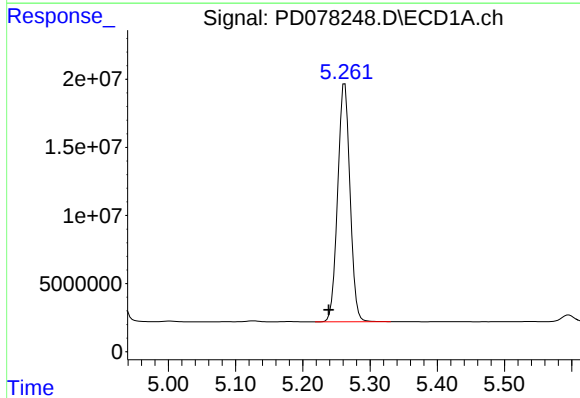
R.T.: 0.000 min
Exp R.T.: 4.707 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



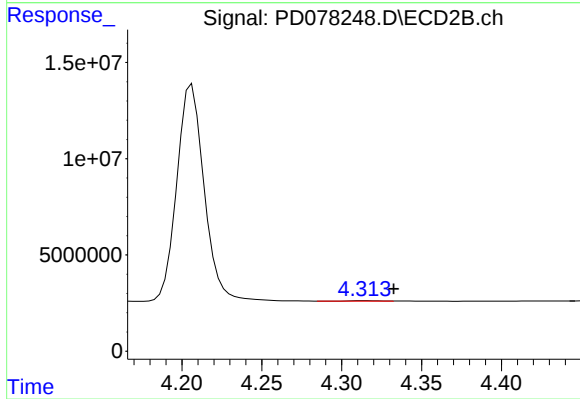
#23 Chlordane-1

R.T.: 3.750 min
Delta R.T.: -0.007 min
Response: 159696
Conc: 2.80 ng/ml



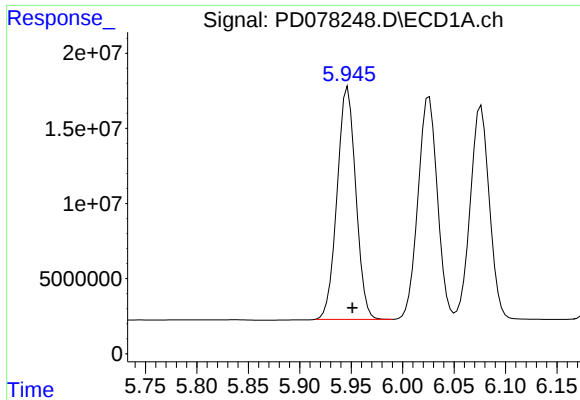
#24 Chlordane-2

R.T.: 5.262 min
Delta R.T.: 0.024 min
Response: 221159106
Conc: 1732.79 ng/ml



#24 Chlordane-2

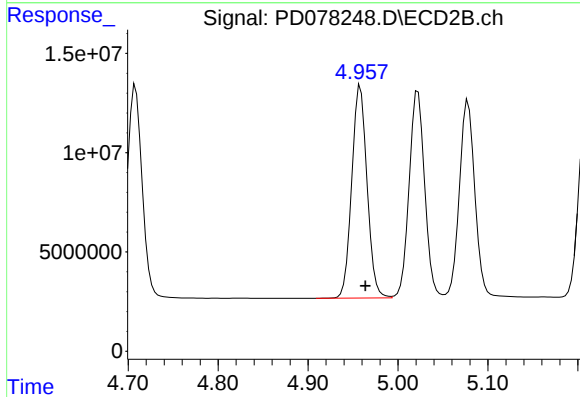
R.T.: 4.314 min
Delta R.T.: -0.019 min
Response: 276393
Conc: 4.34 ng/ml



#25 Chlordane-3

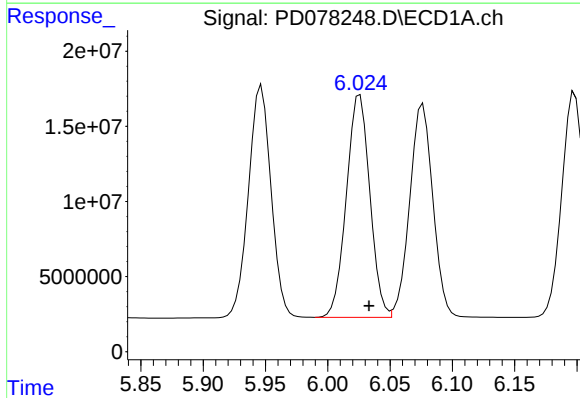
R.T.: 5.947 min
Delta R.T.: -0.004 min
Response: 195533590
Conc: 389.21 ng/ml

Instrument :
ECD_D
ClientSampleId :



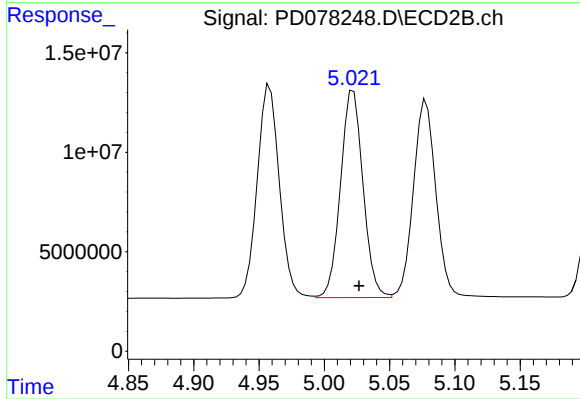
#25 Chlordane-3

R.T.: 4.958 min
Delta R.T.: -0.005 min
Response: 126315537
Conc: 643.80 ng/ml



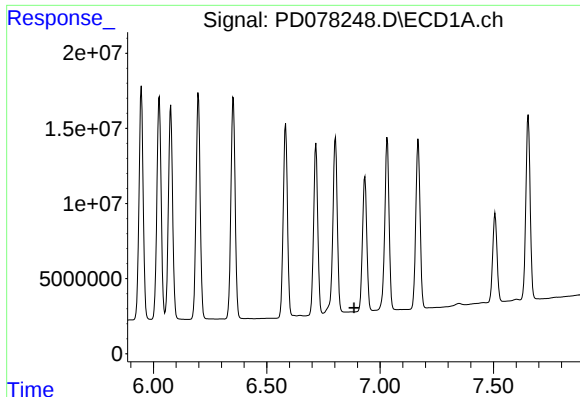
#26 Chlordane-4

R.T.: 6.026 min
Delta R.T.: -0.007 min
Response: 194975972
Conc: 316.52 ng/ml



#26 Chlordane-4

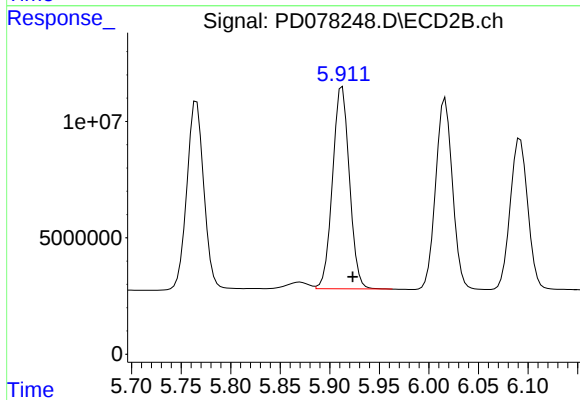
R.T.: 5.022 min
Delta R.T.: -0.004 min
Response: 124946691
Conc: 660.32 ng/ml



#27 Chlordane-5

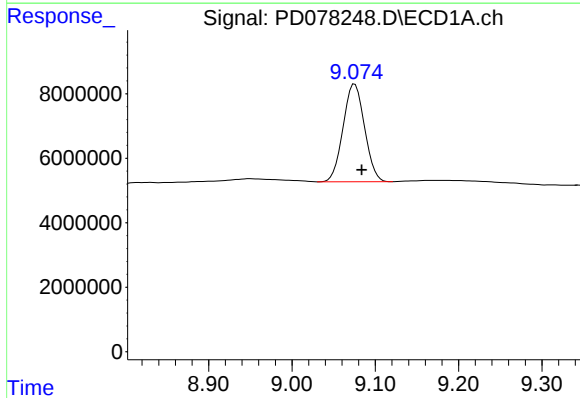
R.T.: 0.000 min
Exp R.T.: 6.885 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



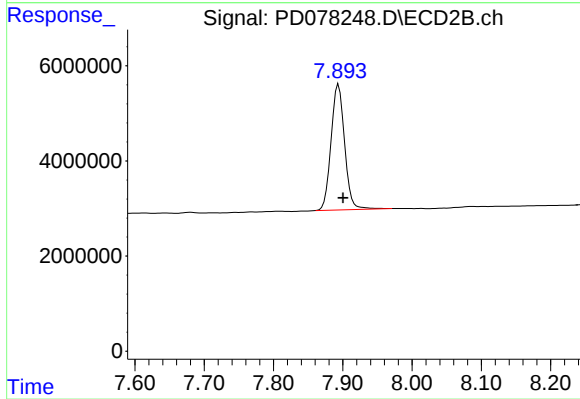
#27 Chlordane-5

R.T.: 5.913 min
Delta R.T.: -0.011 min
Response: 102848902
Conc: 1598.58 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.075 min
Delta R.T.: -0.008 min
Response: 54169030
Conc: 17.78 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.894 min
Delta R.T.: -0.006 min
Response: 35980504
Conc: 20.85 ng/ml