

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051424\
 Data File : PD082804.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 May 2024 16:58
 Operator : AR\AJ
 Sample : P2454-02MSD
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 SP25-06-20240510-WCMSD

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 14 22:18:35 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051324.M
 Quant Title : GC Extractables
 QLast Update : Mon May 13 15:39:20 2024
 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...	3.565	2.776	28409733	60051806	18.350	15.152
28)	SA Decachlor...	9.119	7.906	39846974	74502845	19.954	19.274
Target Compounds							
2)	A alpha-BHC	4.023	3.275	114.4E6	226.7E6	41.751	36.341
3)	MA gamma-BHC...	4.356	3.604	110.8E6	248.7E6	41.920	42.085
4)	MA Heptachlor	4.949	3.943	108.1E6	254.1E6	42.856	45.908
5)	MB Aldrin	5.293	4.223	105.6E6	248.5E6	40.975	43.606
6)	B beta-BHC	4.552	3.900	45102830	105.5E6	43.064	44.192
7)	B delta-BHC	4.801	4.130	104.9E6	247.5E6	42.233	42.752
8)	B Heptachlo...	5.720	4.724	106.6E6	239.1E6	45.690	47.464
9)	A Endosulfan I	6.107	5.093	103.0E6	229.6E6	47.710	49.784
10)	B gamma-Chl...	5.977	4.973	109.3E6	247.2E6	48.255	49.450
11)	B alpha-Chl...	6.056	5.037	109.1E6	245.8E6	48.236	49.496
12)	B 4,4'-DDE	6.228	5.226	105.3E6	231.7E6	48.135	49.630
13)	MA Dieldrin	6.383	5.357	111.5E6	256.5E6	49.869	51.036
14)	MA Endrin	6.614	5.632	97409262	231.3E6	51.771	52.905
15)	B Endosulfa...	6.833	5.925	96723551	219.4E6	48.480	52.537
16)	A 4,4'-DDD	6.746	5.779	81067388	195.7E6	50.681	52.010
17)	MA 4,4'-DDT	7.062	6.030	90243572	202.6E6	53.459	52.846
18)	B Endrin al...	6.963	6.105	71323019	160.6E6	50.940	51.447
19)	B Endosulfa...	7.199	6.327	90500432	207.1E6	51.291	51.940
20)	A Methoxychlor	7.538	6.605	49496545	107.3E6	53.997	52.827
21)	B Endrin ke...	7.686	6.833	102.6E6	234.6E6	53.359	51.606
22)	Mirex	8.162	7.014	80172431	182.9E6	52.306	51.185
23)	Chlordane-1	0.000	3.776	0	173009	N.D.	0.945 #
24)	Chlordane-2	5.293f	4.360	105.6E6	1011262	1066.879	4.773 #
25)	Chlordane-3	5.977	4.973	109.3E6	247.2E6	277.354	410.161 #
26)	Chlordane-4	6.056	5.037	109.1E6	245.8E6	232.305	427.752 #
27)	Chlordane-5	6.906	5.925	518441	219.4E6	6.302	1087.978 #

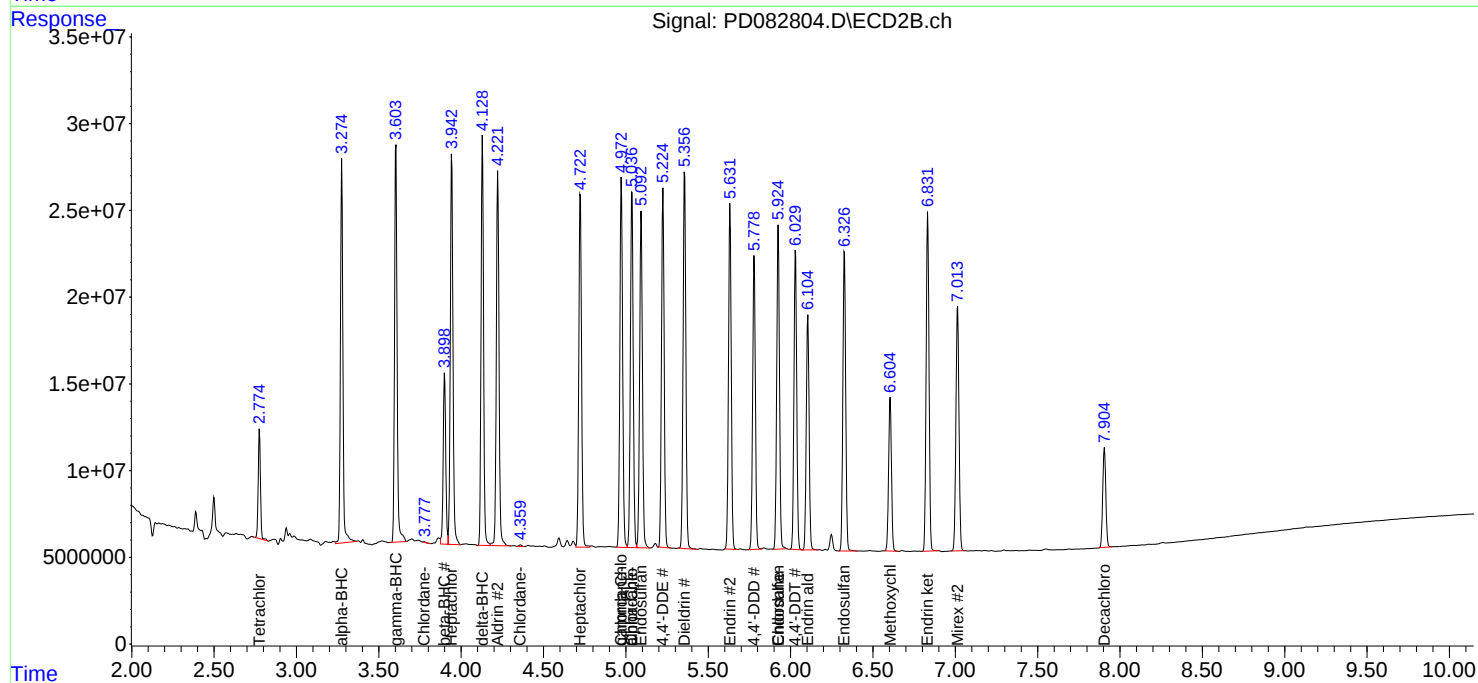
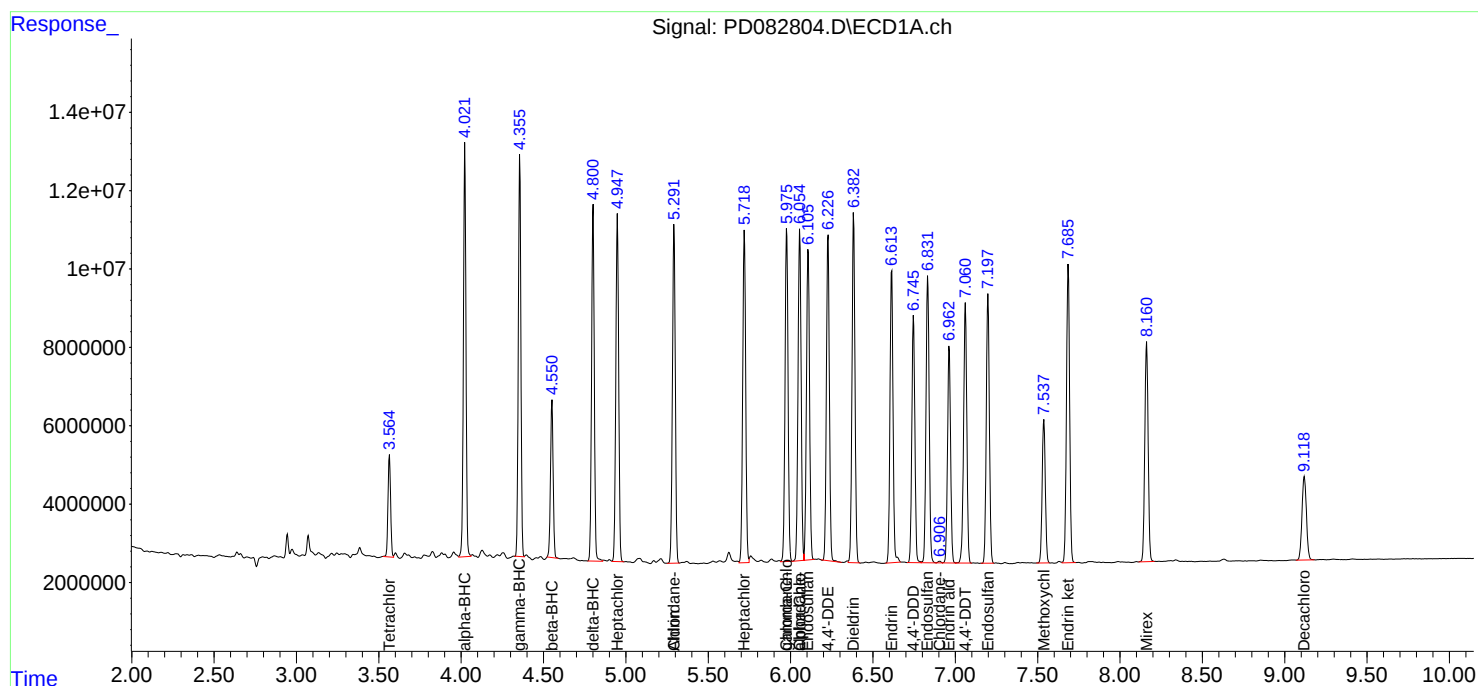
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

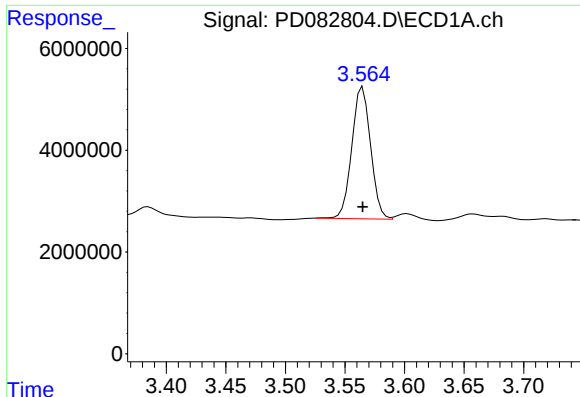
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051424\
Data File : PD082804.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 May 2024 16:58
Operator : AR\AJ
Sample : P2454-02MSD
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
SP25-06-20240510-WCMSD

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 14 22:18:35 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051324.M
Quant Title : GC Extractables
QLast Update : Mon May 13 15:39:20 2024
Response via : Initial Calibration
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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

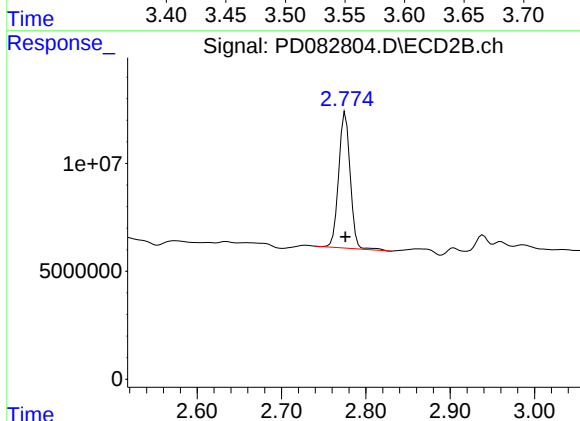




#1 Tetrachloro-m-xylene

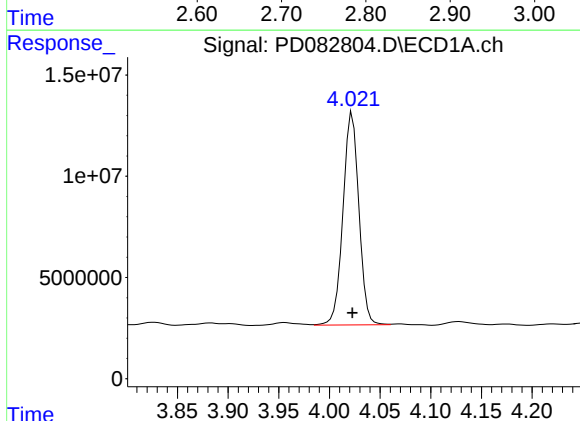
R.T.: 3.565 min
Delta R.T.: 0.000 min
Response: 28409733
Conc: 18.35 ng/ml

Instrument :
ECD_D
ClientSampleId :
SP25-06-20240510-WCMSD



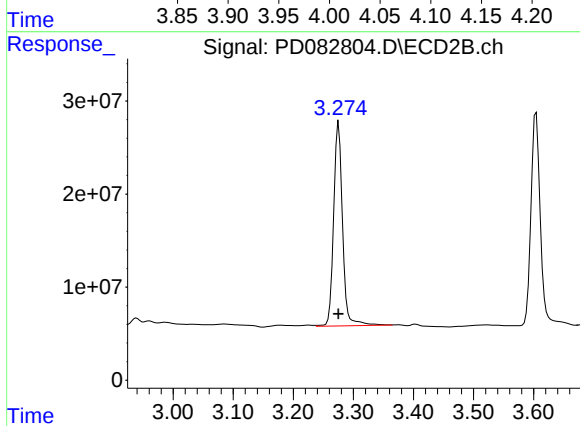
#1 Tetrachloro-m-xylene

R.T.: 2.776 min
Delta R.T.: 0.000 min
Response: 60051806
Conc: 15.15 ng/ml



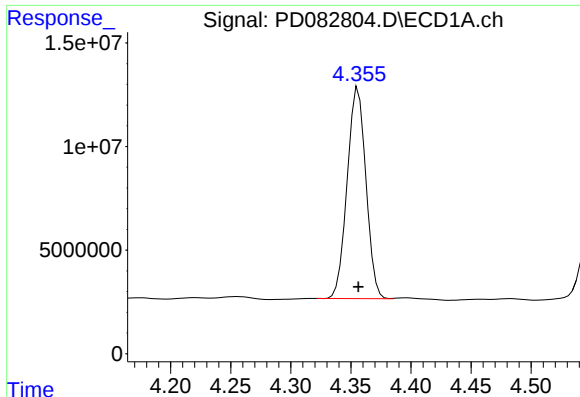
#2 alpha-BHC

R.T.: 4.023 min
Delta R.T.: 0.000 min
Response: 114362148
Conc: 41.75 ng/ml



#2 alpha-BHC

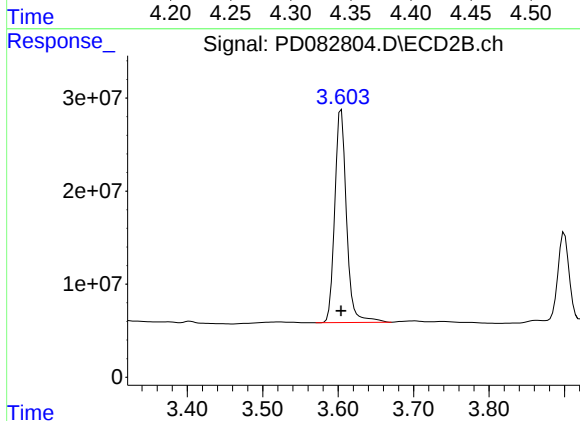
R.T.: 3.275 min
Delta R.T.: 0.000 min
Response: 226697626
Conc: 36.34 ng/ml



#3 gamma-BHC (Lindane)

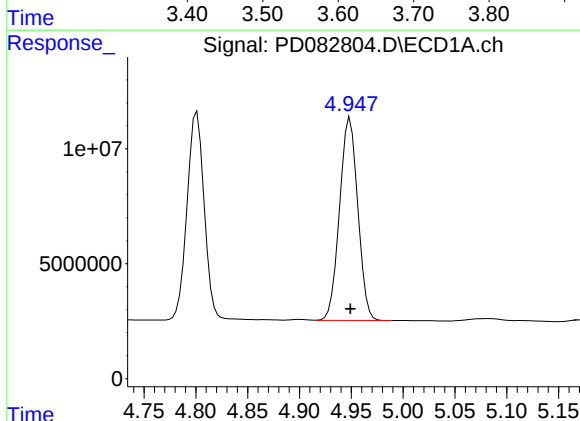
R.T.: 4.356 min
Delta R.T.: 0.000 min
Response: 110802184
Conc: 41.92 ng/ml

Instrument :
ECD_D
ClientSampleId :
SP25-06-20240510-WCMUSD



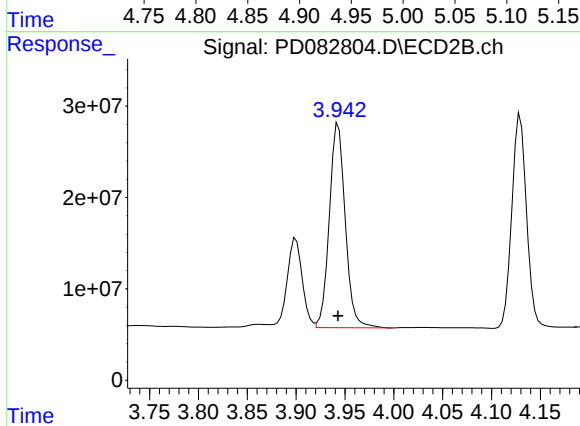
#3 gamma-BHC (Lindane)

R.T.: 3.604 min
Delta R.T.: 0.000 min
Response: 248729006
Conc: 42.09 ng/ml



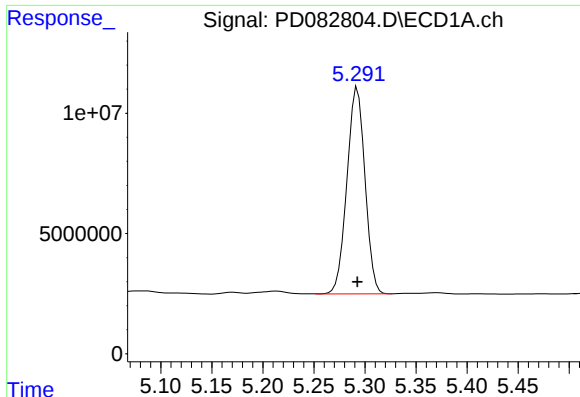
#4 Heptachlor

R.T.: 4.949 min
Delta R.T.: 0.000 min
Response: 108086603
Conc: 42.86 ng/ml



#4 Heptachlor

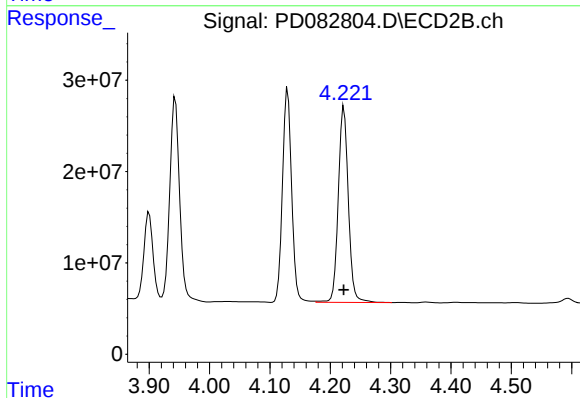
R.T.: 3.943 min
Delta R.T.: 0.000 min
Response: 254113428
Conc: 45.91 ng/ml



#5 Aldrin

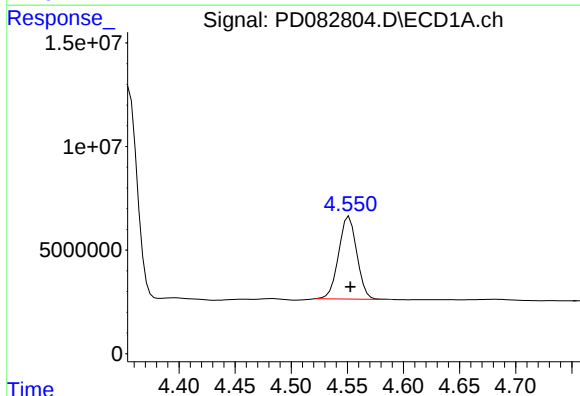
R.T.: 5.293 min
Delta R.T.: 0.000 min
Response: 105587855
Conc: 40.98 ng/ml

Instrument :
ECD_D
ClientSampleId :
SP25-06-20240510-WCMSD



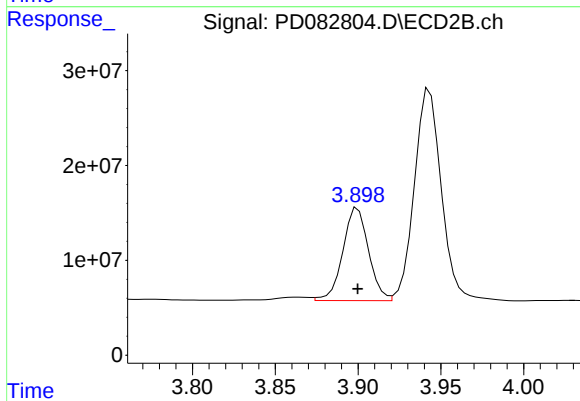
#5 Aldrin

R.T.: 4.223 min
Delta R.T.: 0.000 min
Response: 248492256
Conc: 43.61 ng/ml



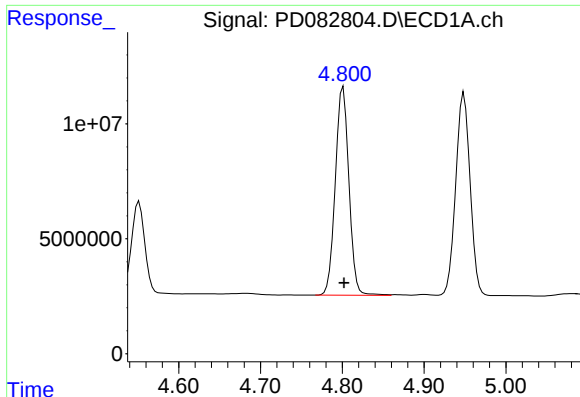
#6 beta-BHC

R.T.: 4.552 min
Delta R.T.: 0.000 min
Response: 45102830
Conc: 43.06 ng/ml



#6 beta-BHC

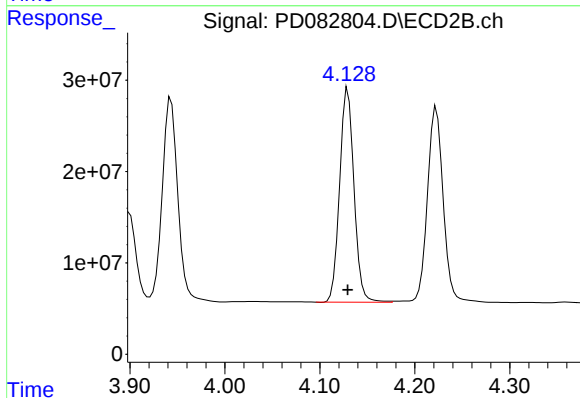
R.T.: 3.900 min
Delta R.T.: 0.000 min
Response: 105534878
Conc: 44.19 ng/ml



#7 delta-BHC

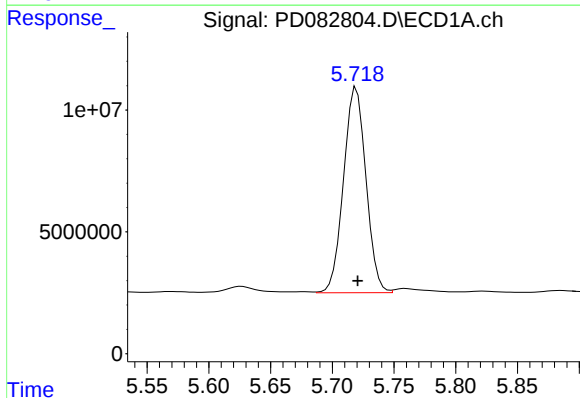
R.T.: 4.801 min
Delta R.T.: 0.000 min
Response: 104937625
Conc: 42.23 ng/ml

Instrument :
ECD_D
ClientSampleId :
SP25-06-20240510-WCMSD



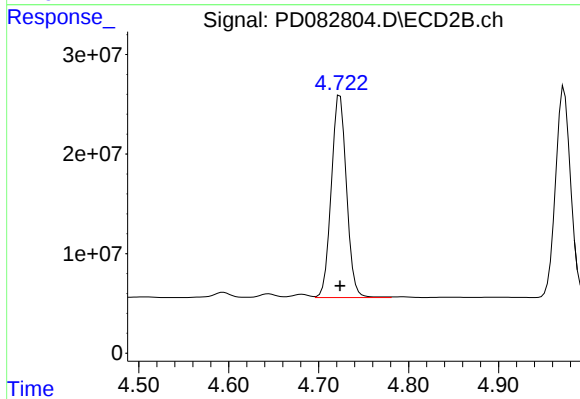
#7 delta-BHC

R.T.: 4.130 min
Delta R.T.: 0.000 min
Response: 247461032
Conc: 42.75 ng/ml



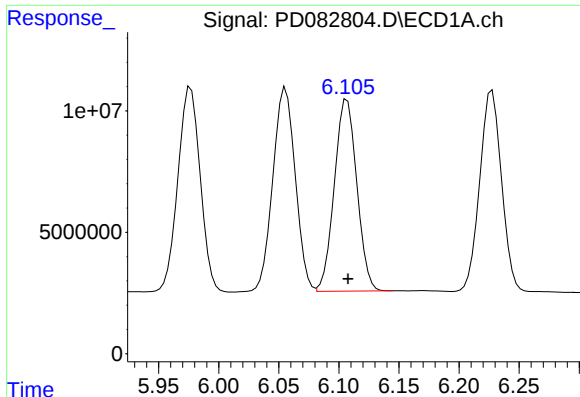
#8 Heptachlor epoxide

R.T.: 5.720 min
Delta R.T.: -0.001 min
Response: 106572020
Conc: 45.69 ng/ml



#8 Heptachlor epoxide

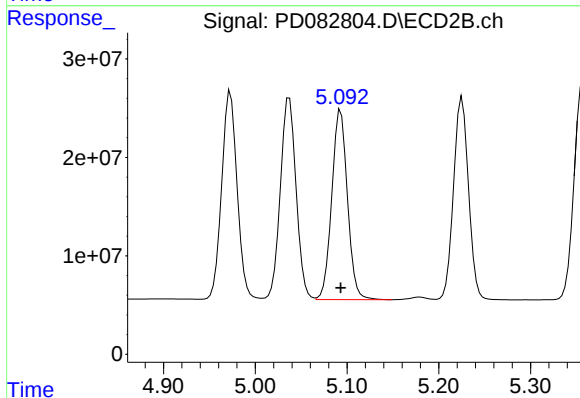
R.T.: 4.724 min
Delta R.T.: 0.000 min
Response: 239100897
Conc: 47.46 ng/ml



#9 Endosulfan I

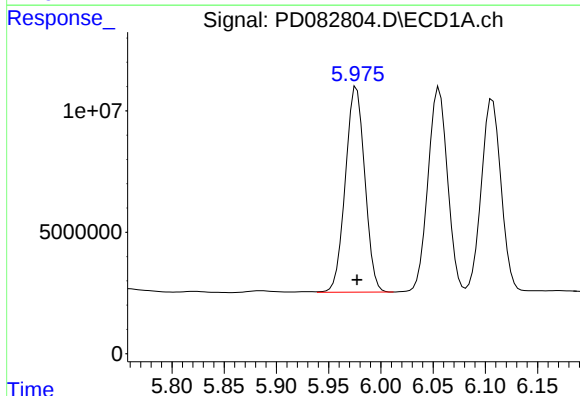
R.T.: 6.107 min
Delta R.T.: 0.000 min
Response: 103025176
Conc: 47.71 ng/ml

Instrument :
ECD_D
ClientSampleId :
SP25-06-20240510-WCMSD



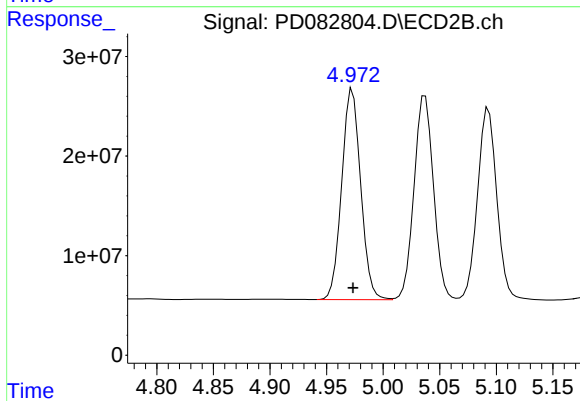
#9 Endosulfan I

R.T.: 5.093 min
Delta R.T.: 0.000 min
Response: 229628659
Conc: 49.78 ng/ml



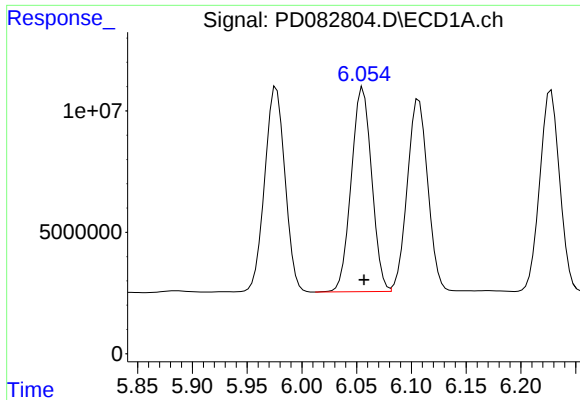
#10 gamma-Chlordane

R.T.: 5.977 min
Delta R.T.: 0.000 min
Response: 109292820
Conc: 48.26 ng/ml



#10 gamma-Chlordane

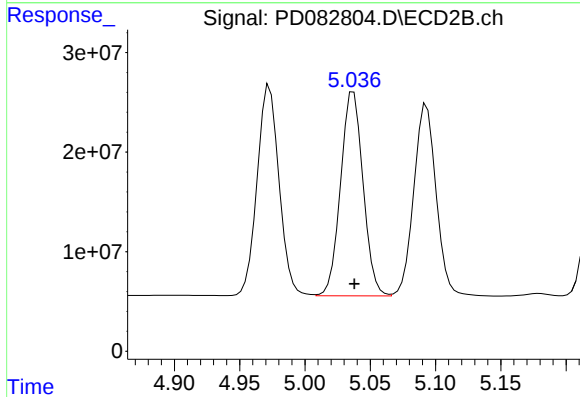
R.T.: 4.973 min
Delta R.T.: 0.000 min
Response: 247189929
Conc: 49.45 ng/ml



#11 alpha-Chlordane

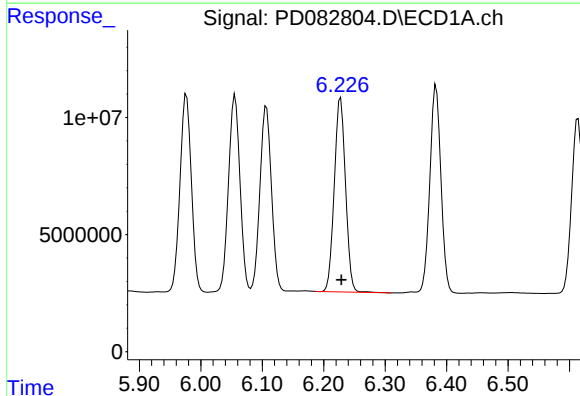
R.T.: 6.056 min
Delta R.T.: -0.001 min
Response: 109124957
Conc: 48.24 ng/ml

Instrument :
ECD_D
ClientSampleId :
SP25-06-20240510-WCMUSD



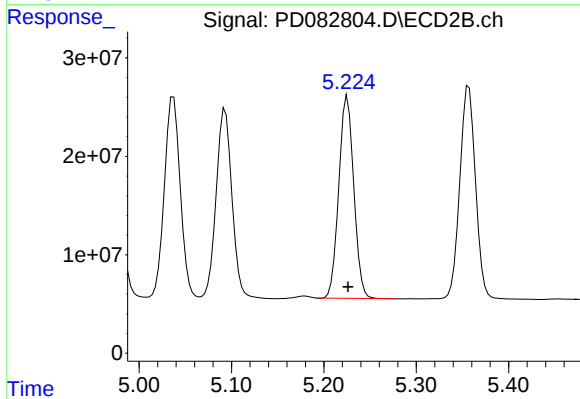
#11 alpha-Chlordane

R.T.: 5.037 min
Delta R.T.: 0.000 min
Response: 245799641
Conc: 49.50 ng/ml



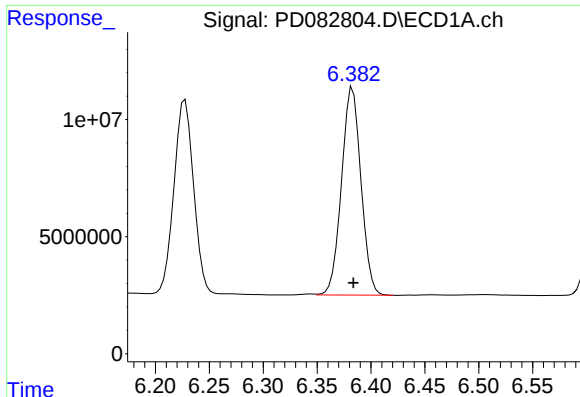
#12 4,4'-DDE

R.T.: 6.228 min
Delta R.T.: -0.002 min
Response: 105313548
Conc: 48.13 ng/ml



#12 4,4'-DDE

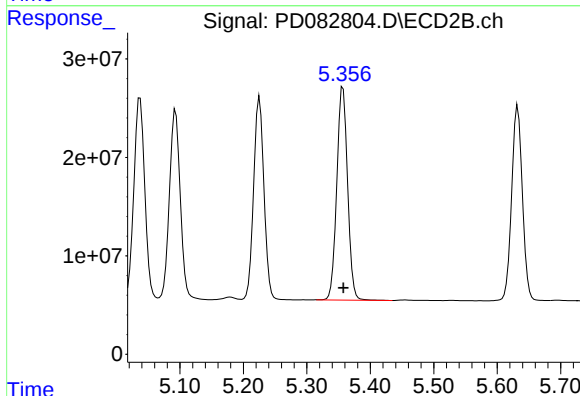
R.T.: 5.226 min
Delta R.T.: 0.000 min
Response: 231667244
Conc: 49.63 ng/ml



#13 Dieldrin

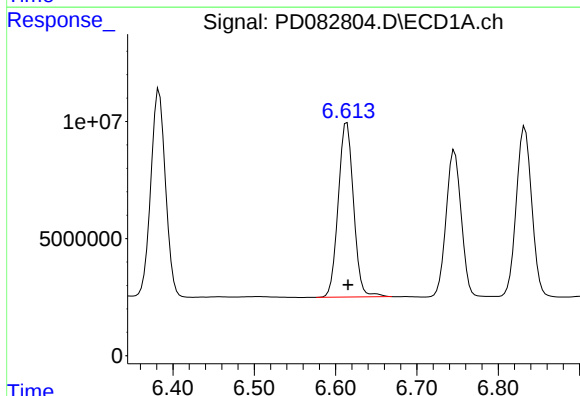
R.T.: 6.383 min
Delta R.T.: 0.000 min
Response: 111525936
Conc: 49.87 ng/ml

Instrument :
ECD_D
ClientSampleId :
SP25-06-20240510-WCMSD



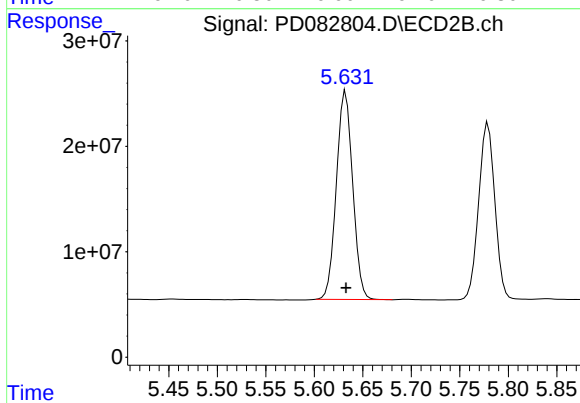
#13 Dieldrin

R.T.: 5.357 min
Delta R.T.: 0.000 min
Response: 256504293
Conc: 51.04 ng/ml



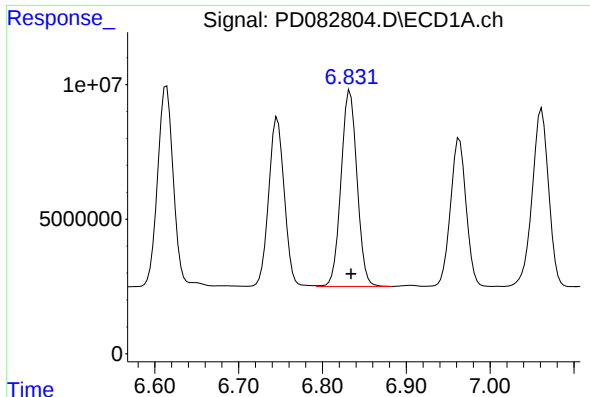
#14 Endrin

R.T.: 6.614 min
Delta R.T.: -0.001 min
Response: 97409262
Conc: 51.77 ng/ml



#14 Endrin

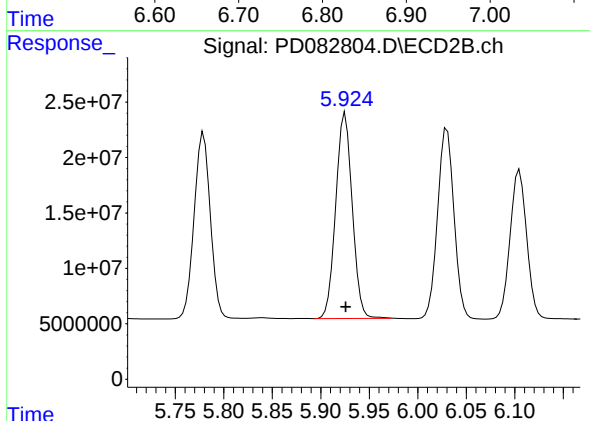
R.T.: 5.632 min
Delta R.T.: 0.000 min
Response: 231342650
Conc: 52.90 ng/ml



#15 Endosulfan II

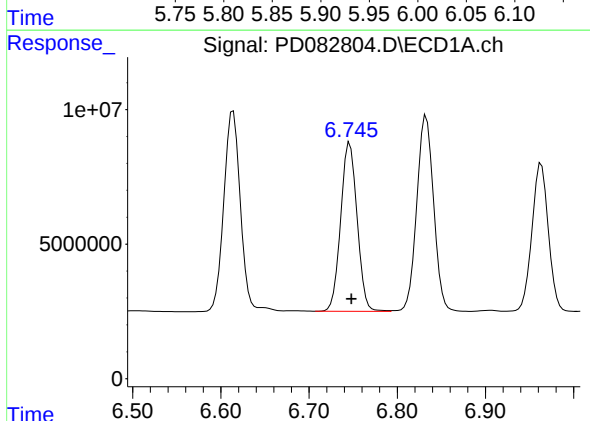
R.T.: 6.833 min
Delta R.T.: -0.001 min
Response: 96723551
Conc: 48.48 ng/ml

Instrument :
ECD_D
ClientSampleId :
SP25-06-20240510-WCMSD



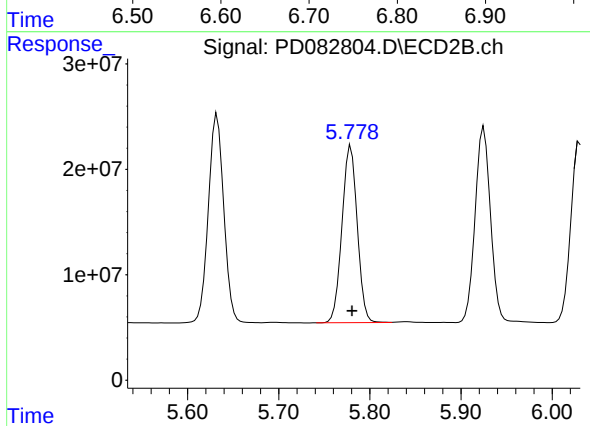
#15 Endosulfan II

R.T.: 5.925 min
Delta R.T.: 0.000 min
Response: 219391915
Conc: 52.54 ng/ml



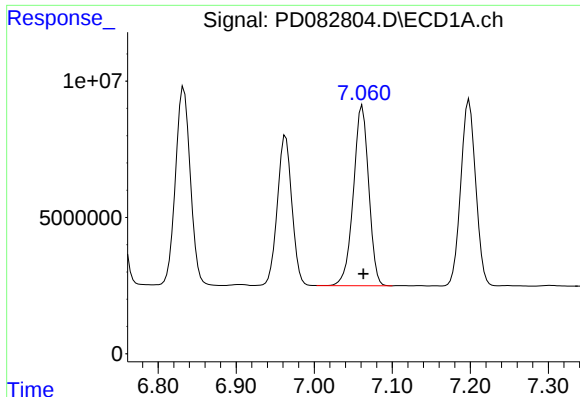
#16 4,4'-DDD

R.T.: 6.746 min
Delta R.T.: -0.002 min
Response: 81067388
Conc: 50.68 ng/ml



#16 4,4'-DDD

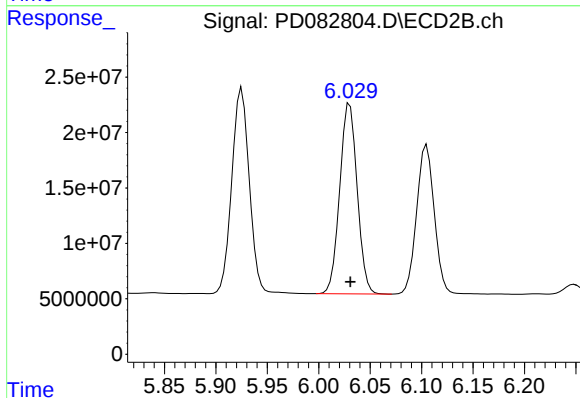
R.T.: 5.779 min
Delta R.T.: -0.001 min
Response: 195667731
Conc: 52.01 ng/ml



#17 4,4'-DDT

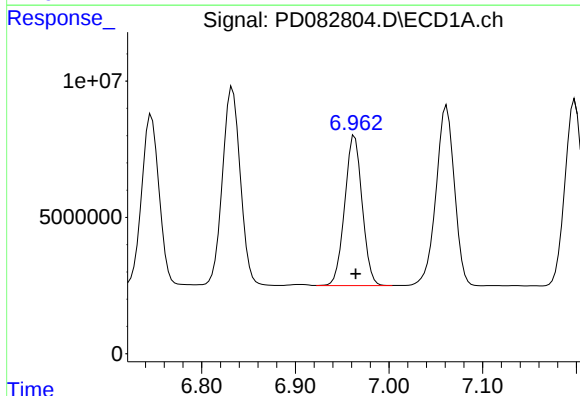
R.T.: 7.062 min
Delta R.T.: -0.001 min
Response: 90243572
Conc: 53.46 ng/ml

Instrument :
ECD_D
ClientSampleId :
SP25-06-20240510-WCMUSD



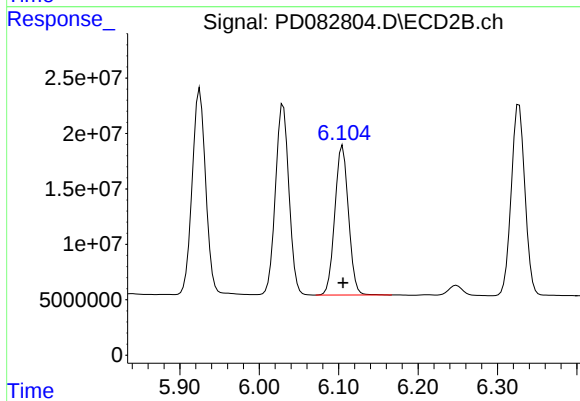
#17 4,4'-DDT

R.T.: 6.030 min
Delta R.T.: 0.000 min
Response: 202647631
Conc: 52.85 ng/ml



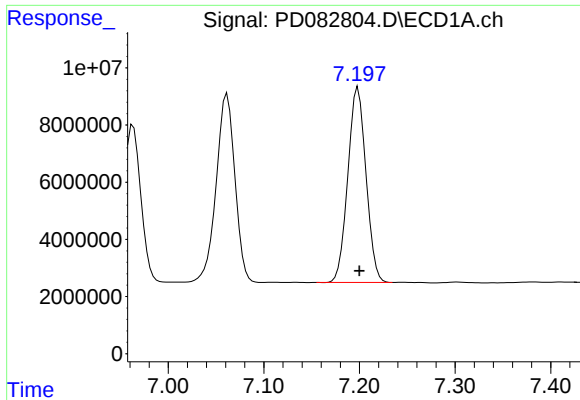
#18 Endrin aldehyde

R.T.: 6.963 min
Delta R.T.: -0.001 min
Response: 71323019
Conc: 50.94 ng/ml



#18 Endrin aldehyde

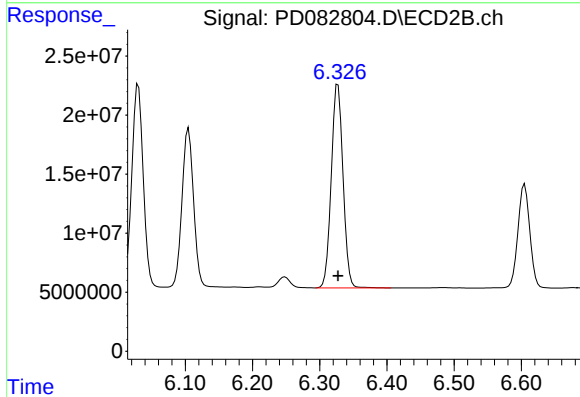
R.T.: 6.105 min
Delta R.T.: 0.000 min
Response: 160615898
Conc: 51.45 ng/ml



#19 Endosulfan Sulfate

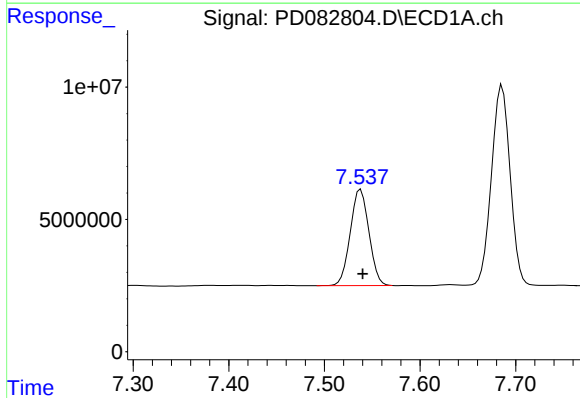
R.T.: 7.199 min
Delta R.T.: -0.001 min
Response: 90500432
Conc: 51.29 ng/ml

Instrument :
ECD_D
ClientSampleId :
SP25-06-20240510-WCMSD



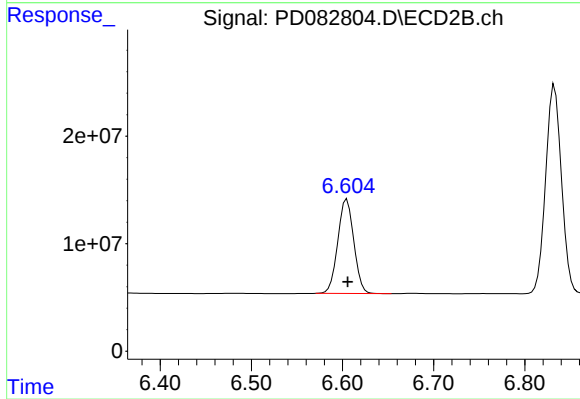
#19 Endosulfan Sulfate

R.T.: 6.327 min
Delta R.T.: 0.000 min
Response: 207099388
Conc: 51.94 ng/ml



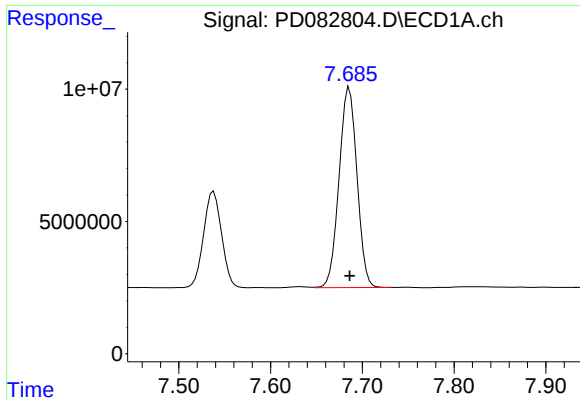
#20 Methoxychlor

R.T.: 7.538 min
Delta R.T.: -0.002 min
Response: 49496545
Conc: 54.00 ng/ml



#20 Methoxychlor

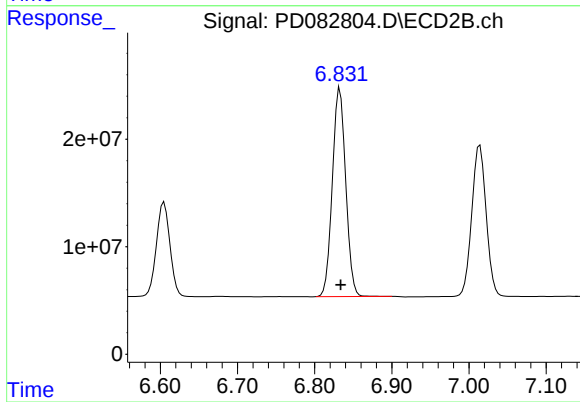
R.T.: 6.605 min
Delta R.T.: 0.000 min
Response: 107341681
Conc: 52.83 ng/ml



#21 Endrin ketone

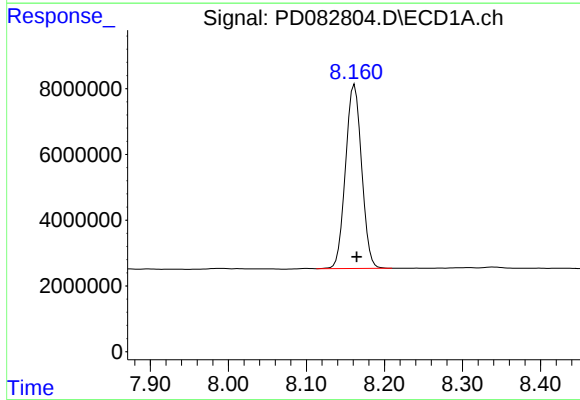
R.T.: 7.686 min
Delta R.T.: 0.000 min
Response: 102559579
Conc: 53.36 ng/ml

Instrument :
ECD_D
ClientSampleId :
SP25-06-20240510-WCMSD



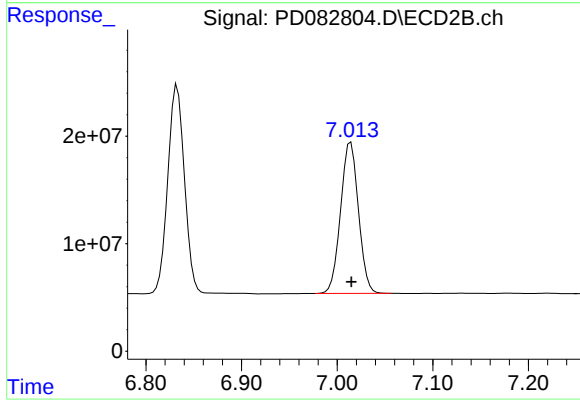
#21 Endrin ketone

R.T.: 6.833 min
Delta R.T.: 0.000 min
Response: 234598222
Conc: 51.61 ng/ml



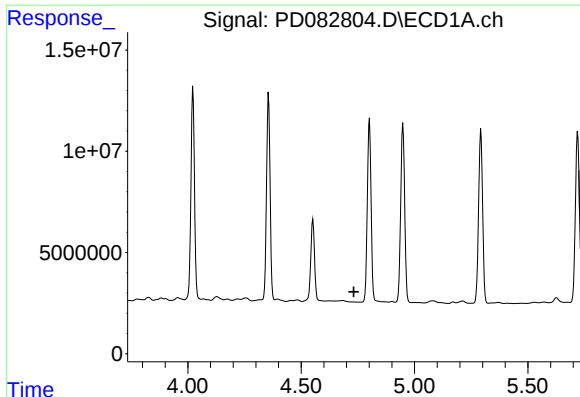
#22 Mirex

R.T.: 8.162 min
Delta R.T.: -0.003 min
Response: 80172431
Conc: 52.31 ng/ml



#22 Mirex

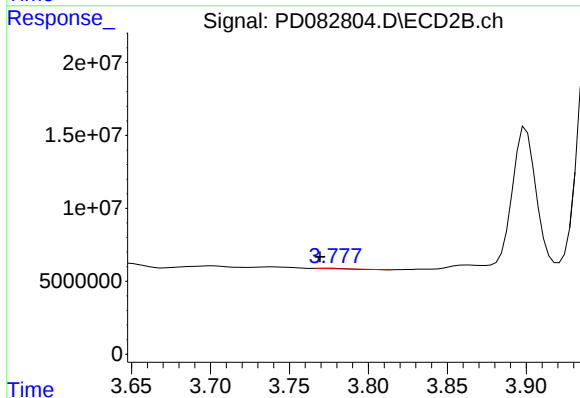
R.T.: 7.014 min
Delta R.T.: 0.000 min
Response: 182870748
Conc: 51.18 ng/ml



#23 Chlordane-1

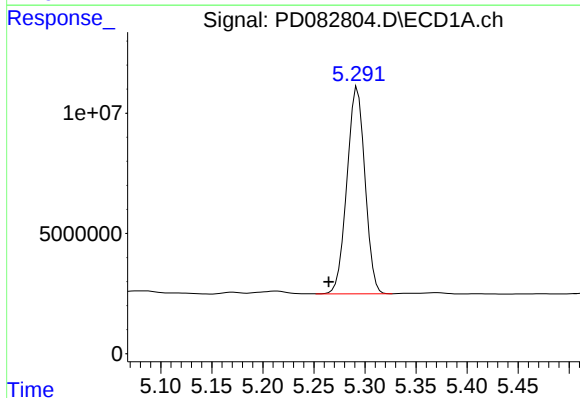
R.T.: 0.000 min
Exp R.T.: 4.733 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
SP25-06-20240510-WCMSD



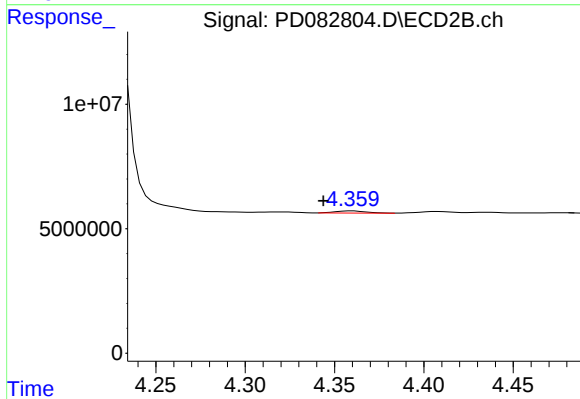
#23 Chlordane-1

R.T.: 3.776 min
Delta R.T.: 0.006 min
Response: 173009
Conc: 0.94 ng/ml



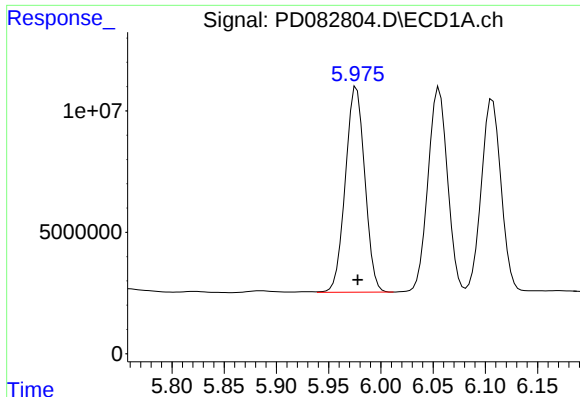
#24 Chlordane-2

R.T.: 5.293 min
Delta R.T.: 0.028 min
Response: 105587855
Conc: 1066.88 ng/ml



#24 Chlordane-2

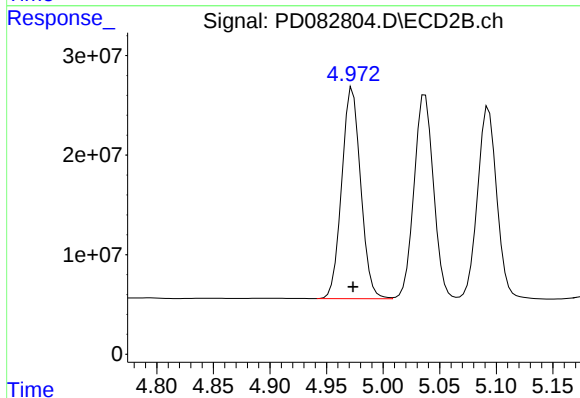
R.T.: 4.360 min
Delta R.T.: 0.016 min
Response: 1011262
Conc: 4.77 ng/ml



#25 Chlordane-3

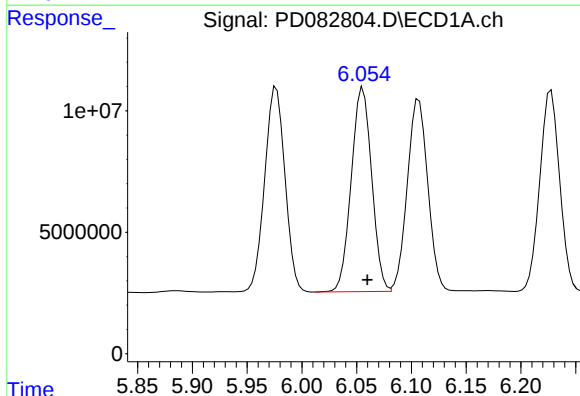
R.T.: 5.977 min
Delta R.T.: -0.001 min
Response: 109292820
Conc: 277.35 ng/ml

Instrument :
ECD_D
ClientSampleId :
SP25-06-20240510-WCMSD



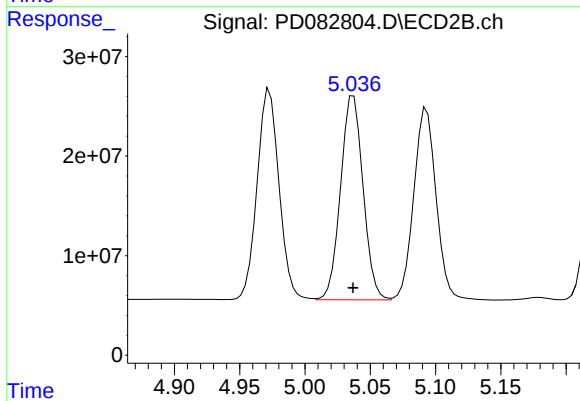
#25 Chlordane-3

R.T.: 4.973 min
Delta R.T.: 0.000 min
Response: 247189929
Conc: 410.16 ng/ml



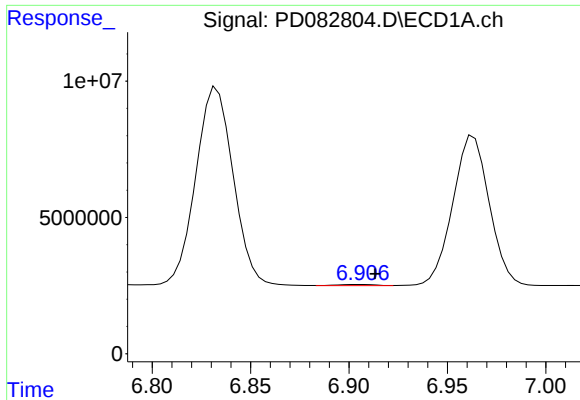
#26 Chlordane-4

R.T.: 6.056 min
Delta R.T.: -0.004 min
Response: 109124957
Conc: 232.31 ng/ml



#26 Chlordane-4

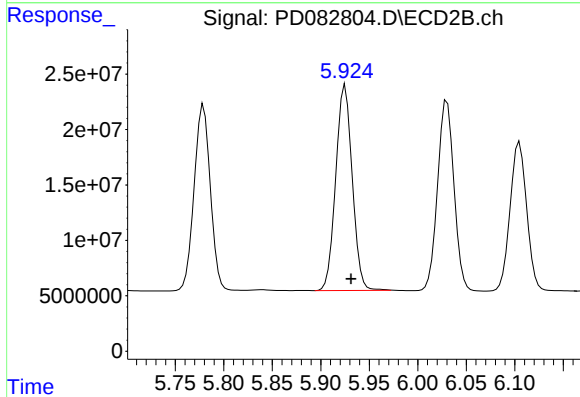
R.T.: 5.037 min
Delta R.T.: 0.000 min
Response: 245799641
Conc: 427.75 ng/ml



#27 Chlordane-5

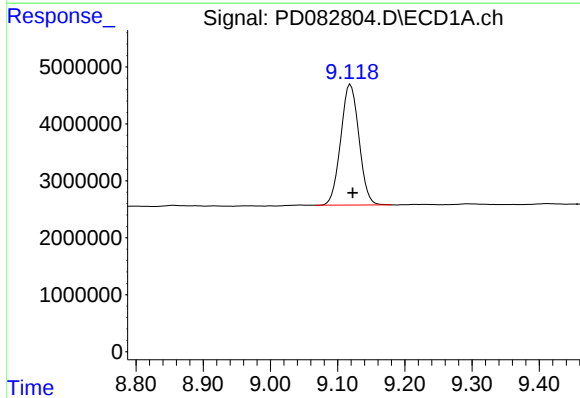
R.T.: 6.906 min
Delta R.T.: -0.007 min
Response: 518441
Conc: 6.30 ng/ml

Instrument :
ECD_D
ClientSampleId :
SP25-06-20240510-WCMDS



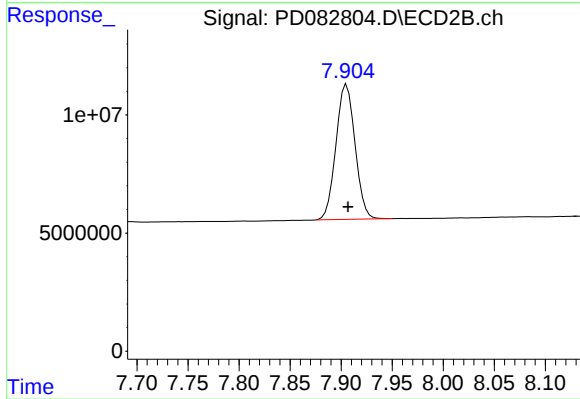
#27 Chlordane-5

R.T.: 5.925 min
Delta R.T.: -0.006 min
Response: 219391915
Conc: 1087.98 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.119 min
Delta R.T.: -0.003 min
Response: 39846974
Conc: 19.95 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.906 min
Delta R.T.: -0.001 min
Response: 74502845
Conc: 19.27 ng/ml