

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD071123\
 Data File : PD076536.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Jul 2023 01:54
 Operator : AR\AJ
 Sample : 03555-05MSD
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 12 06:20:23 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD071123.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 12 01:40:01 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...	3.545	2.765	41762260	20678823	19.086	18.781
2)	SA Decachlor...	9.076	7.906	75172918	18475630	29.748	17.852 #
Target Compounds							
2)	A alpha-BHC	4.001	3.267	190.1E6	83549924	49.725	50.531
3)	MA gamma-BHC...	4.334	3.597	108.0E6	94077039	29.607	58.730 #
4)	MA Heptachlor	4.926	3.936	176.1E6	82120598	48.659	52.702
5)	MB Aldrin	5.269	4.217	168.4E6	75339946	45.200	47.868
6)	B beta-BHC	4.532	3.893	63214897	34436677	41.902	52.061
7)	B delta-BHC	4.780	4.123	165.3E6	77589908	47.290	50.291
8)	B Heptachlo...	5.696	4.719	154.2E6	68381917	46.128	47.825
9)	A Endosulfan I	6.083	5.090	139.2E6	43916732	45.537	33.321 #
10)	B gamma-Chl...	5.953	4.969	179.5E6	72699597	54.613	51.628
11)	B alpha-Chl...	6.032	5.033	155.7E6	68834850	46.993	48.624
12)	B 4,4'-DDE	6.204	5.222	117.2E6	63830353	39.578	53.072 #
13)	MA Dieldrin	6.359	5.354	140.0E6	82597497	42.552	57.848 #
14)	MA Endrin	6.590	5.629	119.6E6	61295585	44.144	49.248
15)	B Endosulfa...	6.809	5.923	118.2E6	65764174	41.594	54.086 #
16)	A 4,4'-DDD	6.722	5.777	130.3E6	44339244	54.782	45.478
17)	MA 4,4'-DDT	7.038	6.027	139.3E6	56051364	59.452	59.792
18)	B Endrin al...	6.939	6.103	90974896	42155728	41.781	43.588
19)	B Endosulfa...	7.174	6.326	118.4E6	61875238	45.407	53.529
20)	A Methoxychlor	7.514	6.603	55065013	20002376	39.826	36.988
21)	B Endrin ke...	7.660	6.832	112.4E6	52328114	37.594	38.215
22)	Mirex	8.136	7.014	76701247	35837429	34.787	32.831
23)	Chlordane-1	4.694f	3.773	7123871	1148544	6.573	2.885 #
24)	Chlordane-2	5.269f	4.350	168.4E6	257398	162.848	0.651 #
25)	Chlordane-3	5.953	4.969	179.5E6	72699597	37.661	53.992 #
26)	Chlordane-4	6.032	5.033	155.7E6	68834850	27.715	52.725 #
27)	Chlordane-5	6.888	5.923	-2740136	65764174	N.D.	137.987

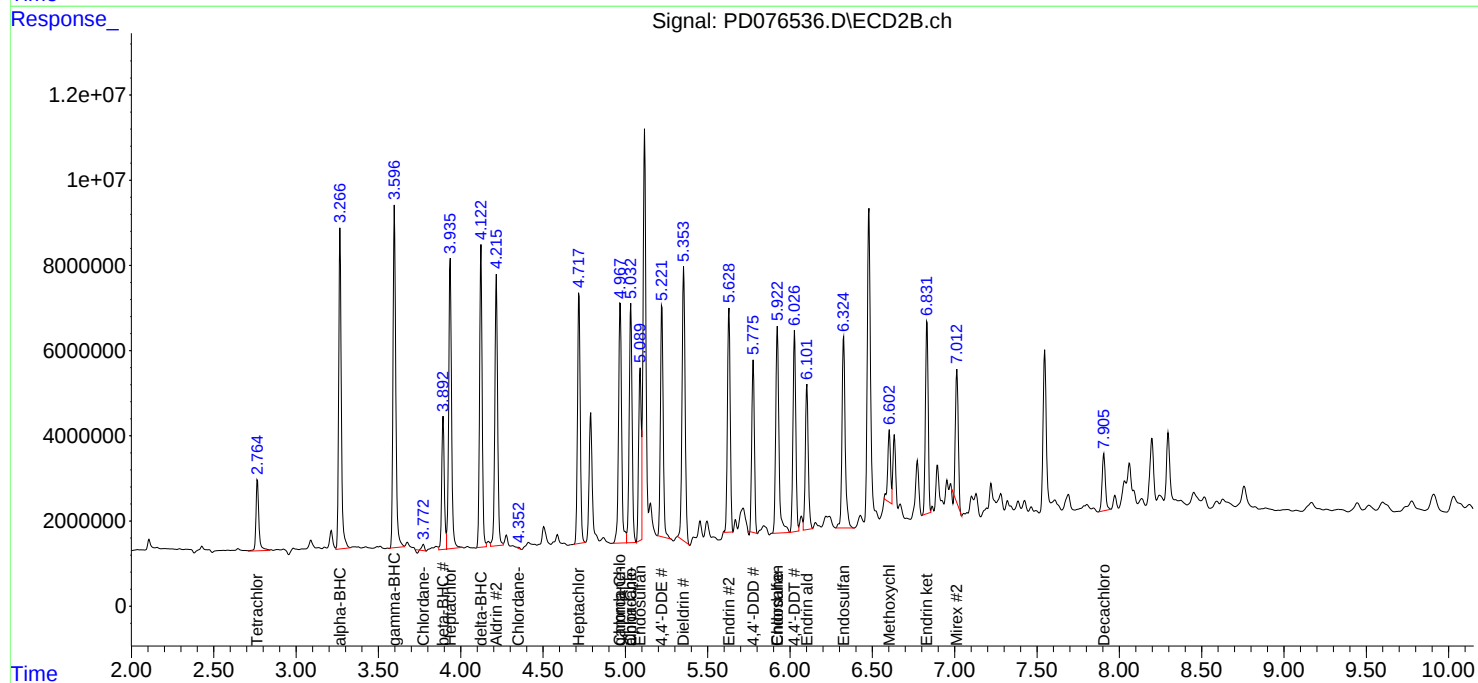
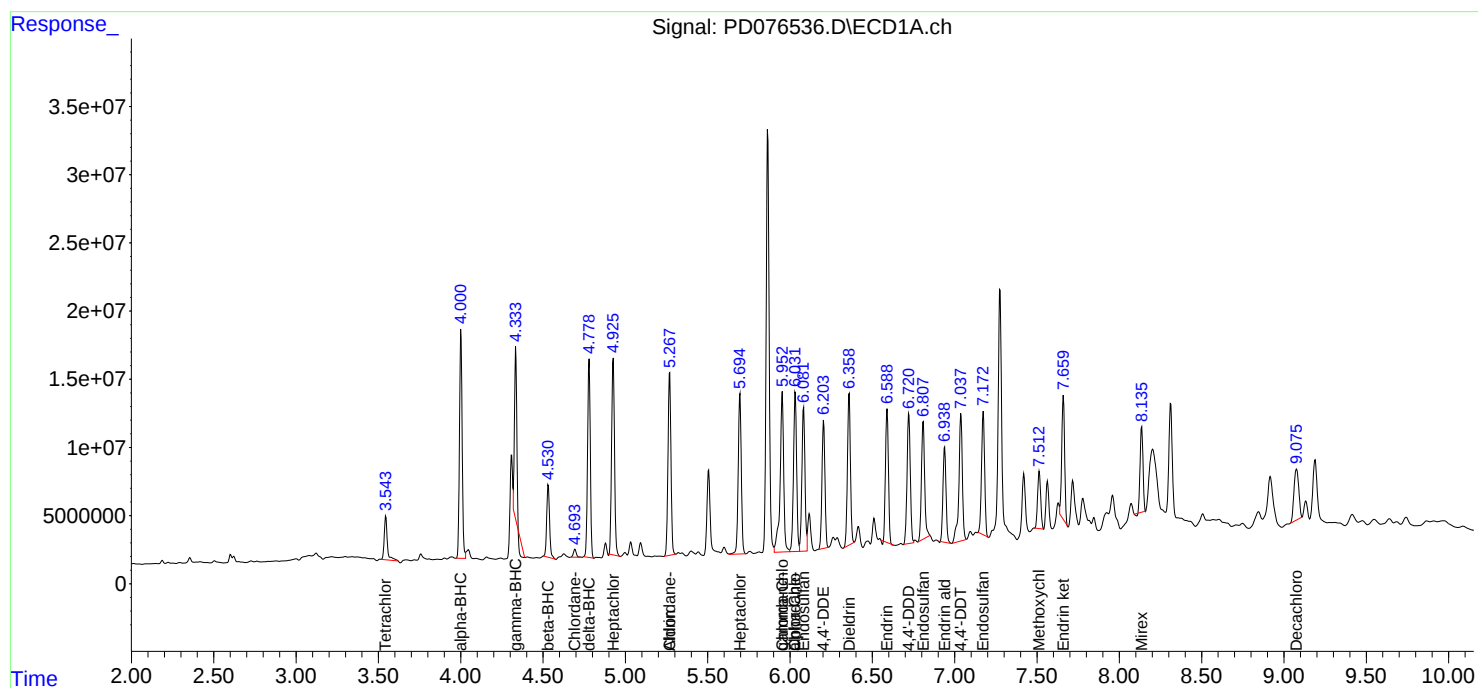
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

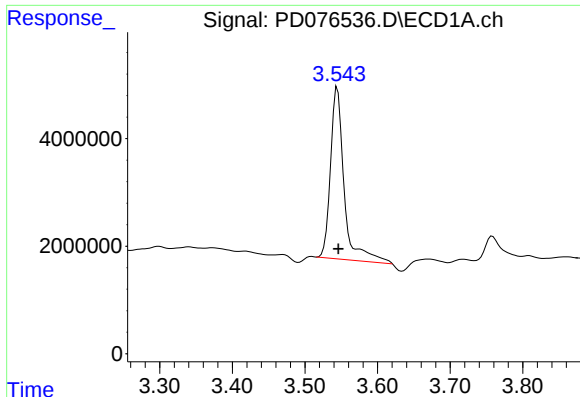
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD071123\
Data File : PD076536.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Jul 2023 01:54
Operator : AR\AJ
Sample : 03555-05MSD
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 12 06:20:23 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD071123.M
Quant Title : GC Extractables
QLast Update : Wed Jul 12 01:40:01 2023
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

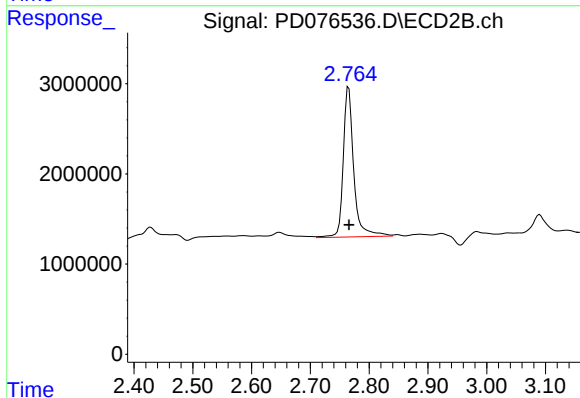




#1 Tetrachloro-m-xylene

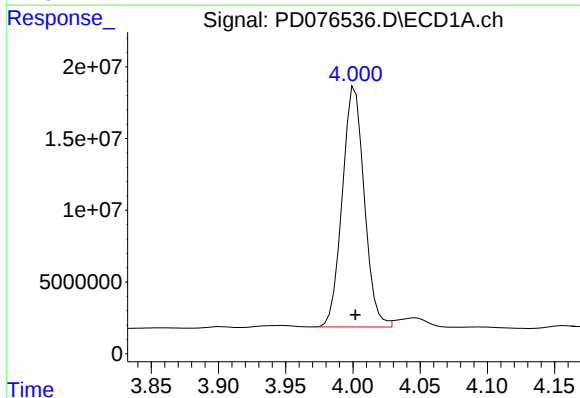
R.T.: 3.545 min
Delta R.T.: -0.001 min
Response: 41762260
Conc: 19.09 ng/ml

Instrument :
ECD_D
ClientSampleId :



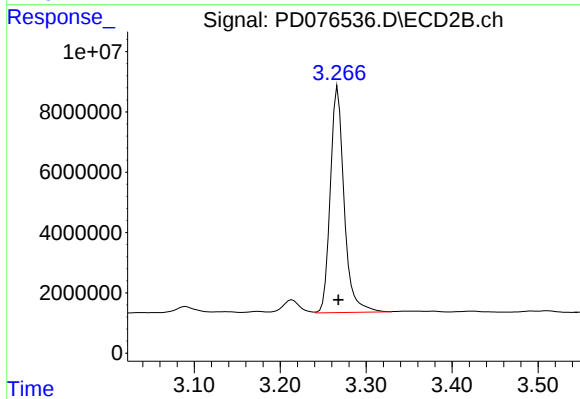
#1 Tetrachloro-m-xylene

R.T.: 2.765 min
Delta R.T.: 0.000 min
Response: 20678823
Conc: 18.78 ng/ml



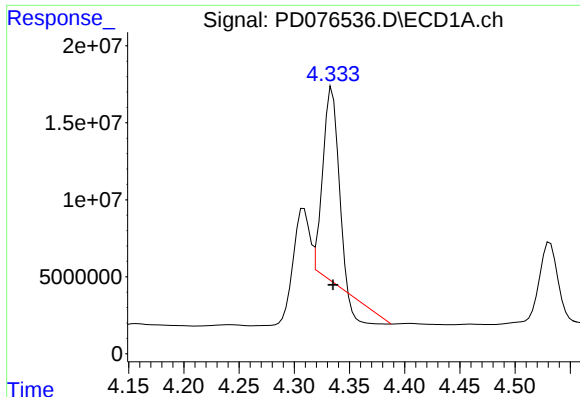
#2 alpha-BHC

R.T.: 4.001 min
Delta R.T.: 0.000 min
Response: 190092325
Conc: 49.72 ng/ml



#2 alpha-BHC

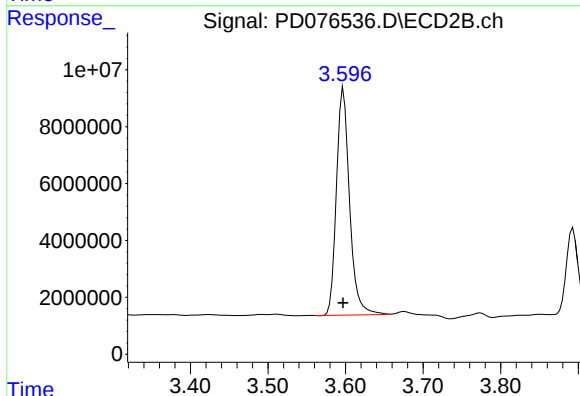
R.T.: 3.267 min
Delta R.T.: 0.000 min
Response: 83549924
Conc: 50.53 ng/ml



#3 gamma-BHC (Lindane)

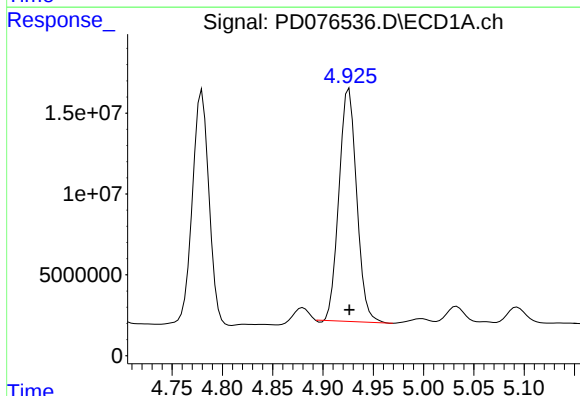
R.T.: 4.334 min
Delta R.T.: 0.000 min
Response: 107993337
Conc: 29.61 ng/ml

Instrument :
ECD_D
ClientSampleId :



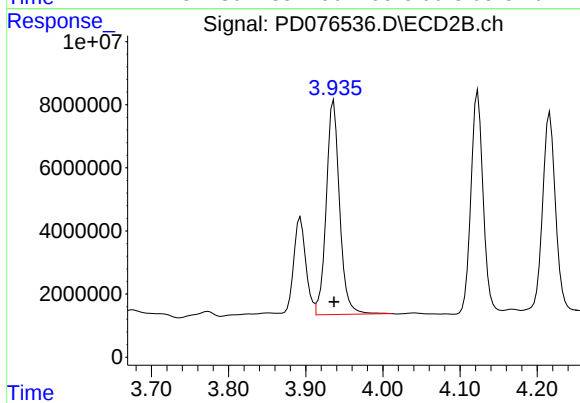
#3 gamma-BHC (Lindane)

R.T.: 3.597 min
Delta R.T.: 0.000 min
Response: 94077039
Conc: 58.73 ng/ml



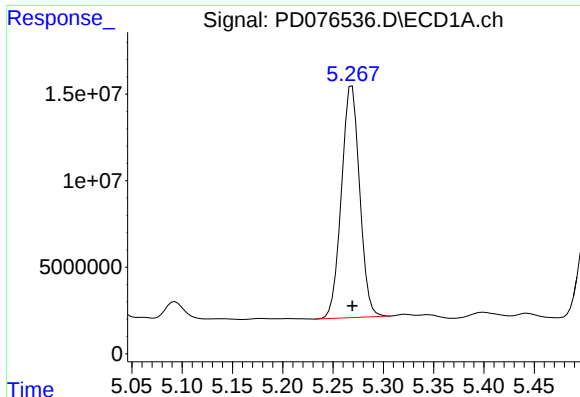
#4 Heptachlor

R.T.: 4.926 min
Delta R.T.: 0.000 min
Response: 176072066
Conc: 48.66 ng/ml



#4 Heptachlor

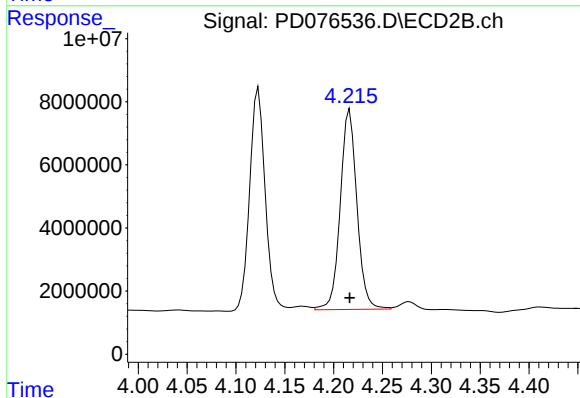
R.T.: 3.936 min
Delta R.T.: 0.000 min
Response: 82120598
Conc: 52.70 ng/ml



#5 Aldrin

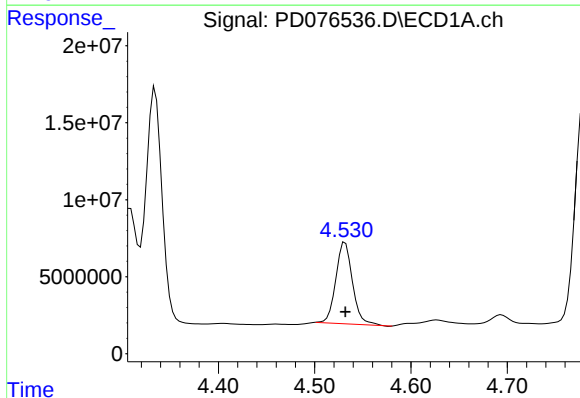
R.T.: 5.269 min
Delta R.T.: 0.000 min
Response: 168439700
Conc: 45.20 ng/ml

Instrument :
ECD_D
ClientSampleId :



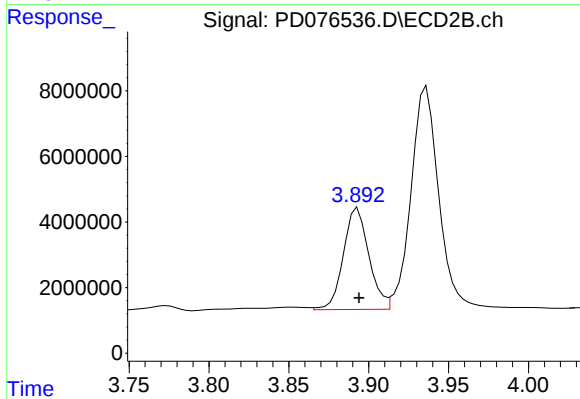
#5 Aldrin

R.T.: 4.217 min
Delta R.T.: 0.000 min
Response: 75339946
Conc: 47.87 ng/ml



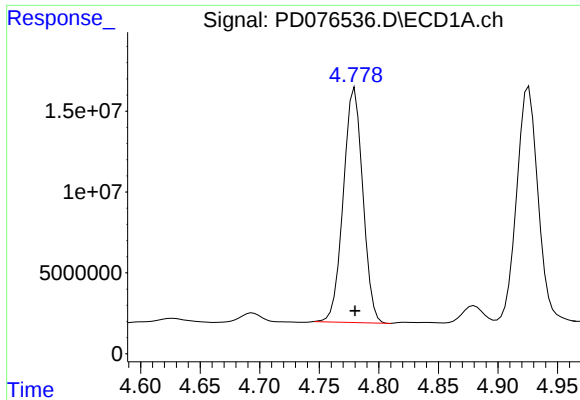
#6 beta-BHC

R.T.: 4.532 min
Delta R.T.: 0.000 min
Response: 63214897
Conc: 41.90 ng/ml



#6 beta-BHC

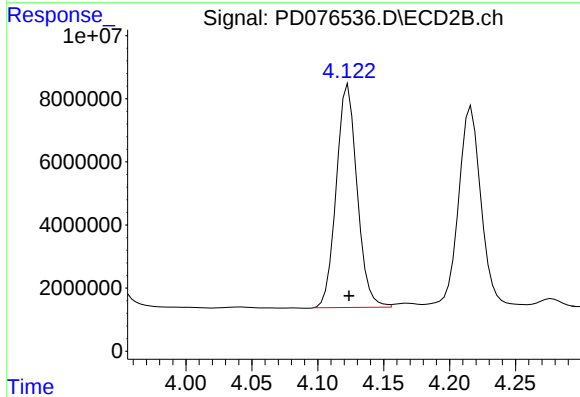
R.T.: 3.893 min
Delta R.T.: 0.000 min
Response: 34436677
Conc: 52.06 ng/ml



#7 delta-BHC

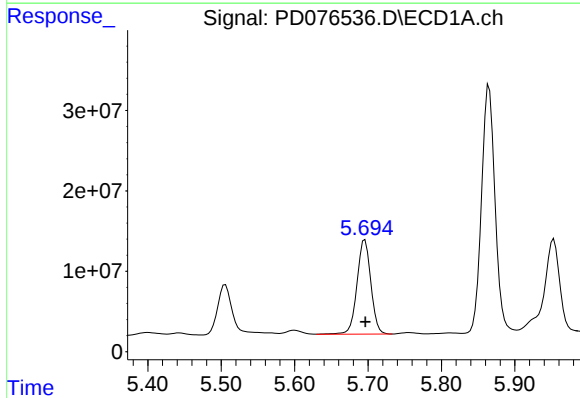
R.T.: 4.780 min
Delta R.T.: 0.000 min
Response: 165298581
Conc: 47.29 ng/ml

Instrument :
ECD_D
ClientSampleId :



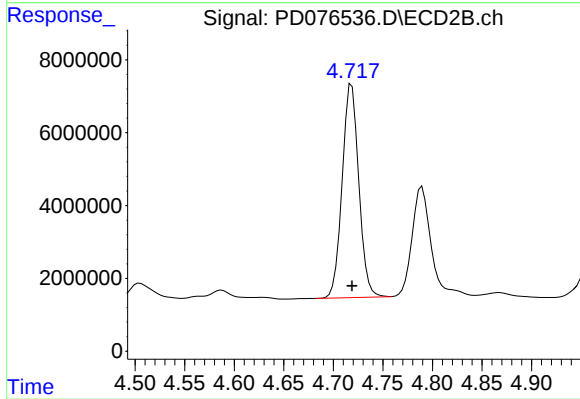
#7 delta-BHC

R.T.: 4.123 min
Delta R.T.: 0.000 min
Response: 77589908
Conc: 50.29 ng/ml



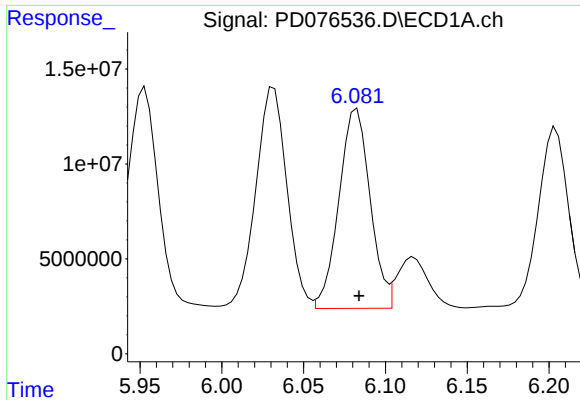
#8 Heptachlor epoxide

R.T.: 5.696 min
Delta R.T.: 0.000 min
Response: 154222614
Conc: 46.13 ng/ml



#8 Heptachlor epoxide

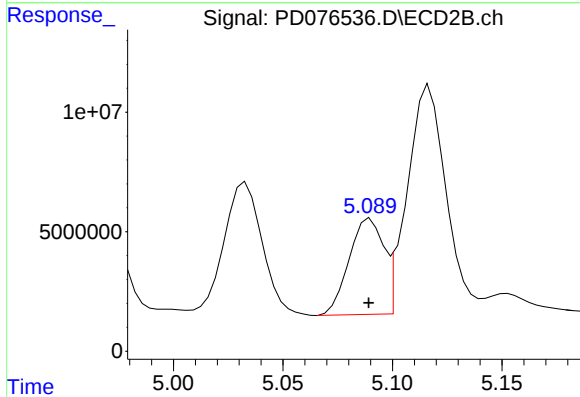
R.T.: 4.719 min
Delta R.T.: 0.000 min
Response: 68381917
Conc: 47.83 ng/ml



#9 Endosulfan I

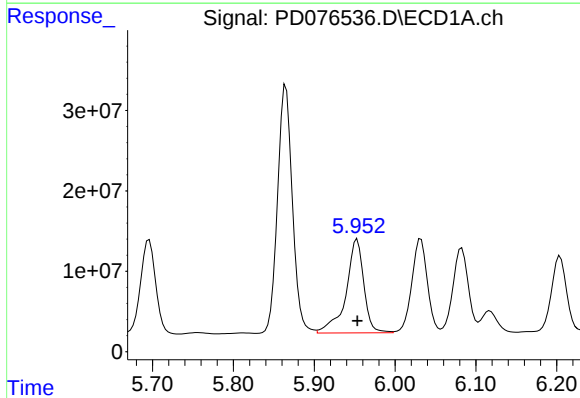
R.T.: 6.083 min
Delta R.T.: -0.001 min
Response: 139171394
Conc: 45.54 ng/ml

Instrument :
ECD_D
ClientSampleId :



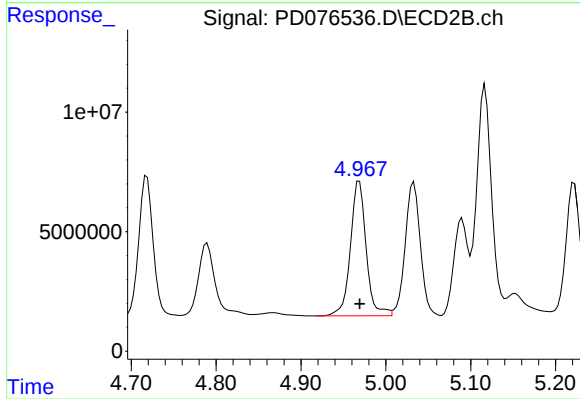
#9 Endosulfan I

R.T.: 5.090 min
Delta R.T.: 0.000 min
Response: 43916732
Conc: 33.32 ng/ml



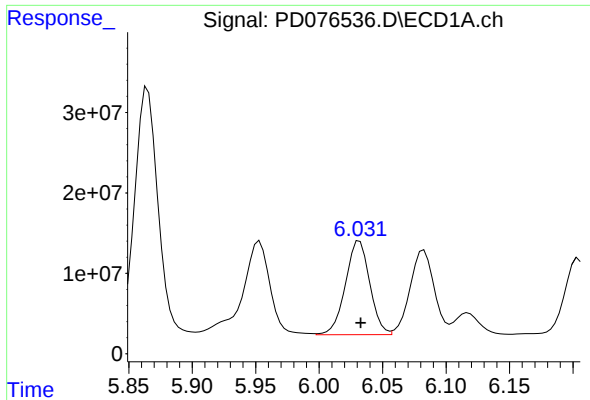
#10 gamma-Chlordane

R.T.: 5.953 min
Delta R.T.: 0.000 min
Response: 179489339
Conc: 54.61 ng/ml



#10 gamma-Chlordane

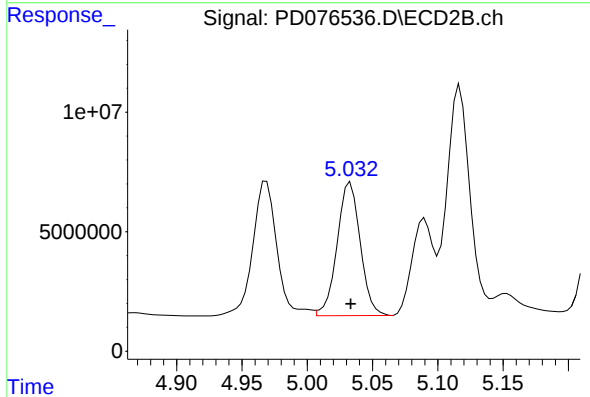
R.T.: 4.969 min
Delta R.T.: 0.000 min
Response: 72699597
Conc: 51.63 ng/ml



#11 alpha-Chlordane

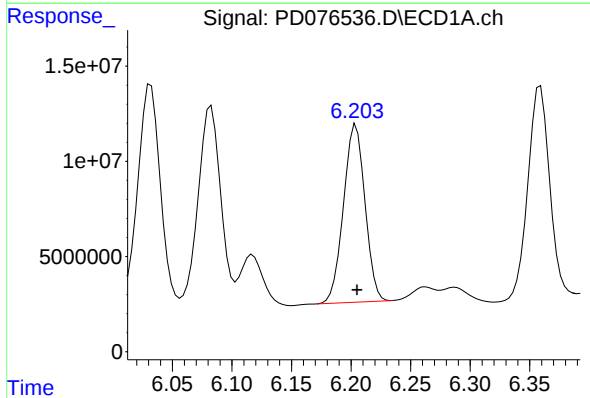
R.T.: 6.032 min
Delta R.T.: 0.000 min
Response: 155695482
Conc: 46.99 ng/ml

Instrument :
ECD_D
ClientSampleId :



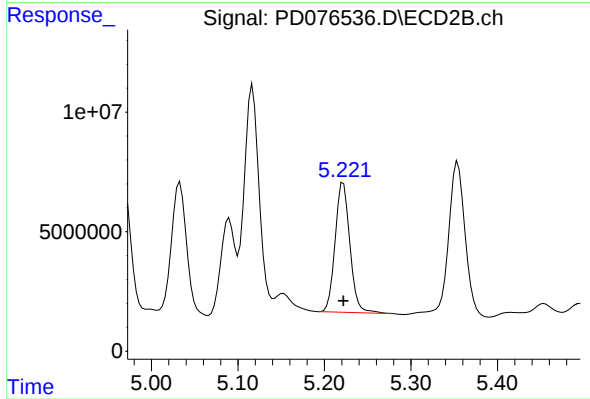
#11 alpha-Chlordane

R.T.: 5.033 min
Delta R.T.: 0.000 min
Response: 68834850
Conc: 48.62 ng/ml



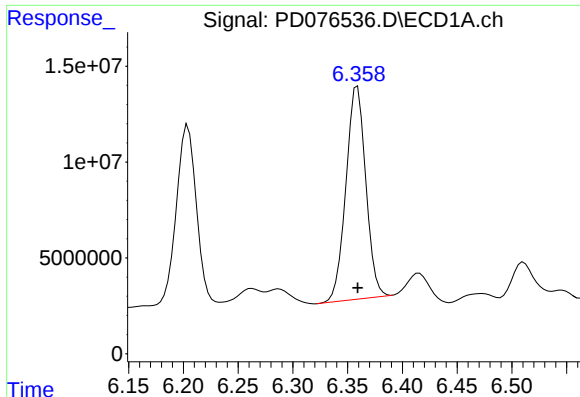
#12 4,4'-DDE

R.T.: 6.204 min
Delta R.T.: -0.001 min
Response: 117204901
Conc: 39.58 ng/ml



#12 4,4'-DDE

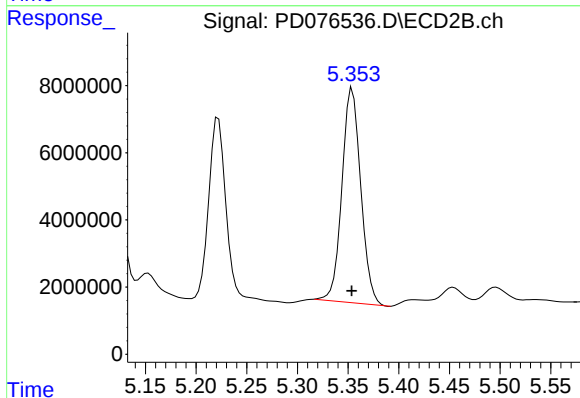
R.T.: 5.222 min
Delta R.T.: 0.000 min
Response: 63830353
Conc: 53.07 ng/ml



#13 Dieldrin

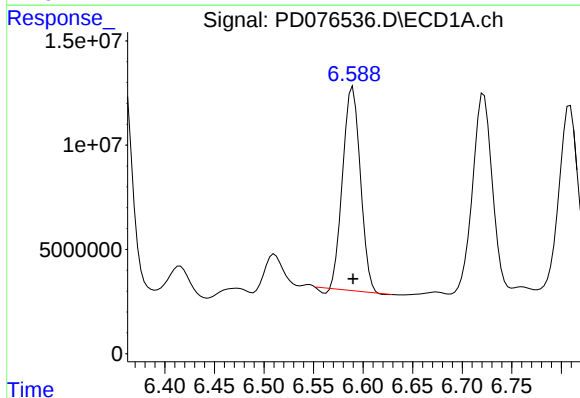
R.T.: 6.359 min
Delta R.T.: 0.000 min
Response: 140014306
Conc: 42.55 ng/ml

Instrument :
ECD_D
ClientSampleId :



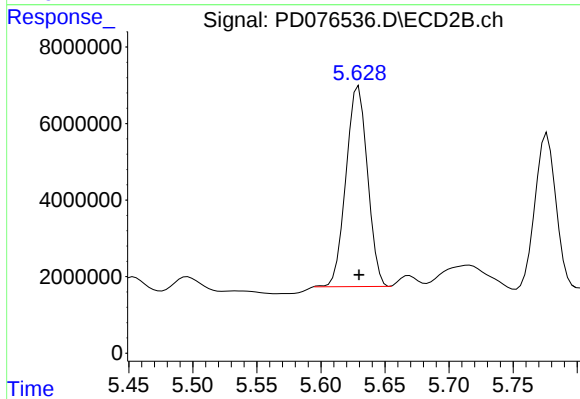
#13 Dieldrin

R.T.: 5.354 min
Delta R.T.: 0.000 min
Response: 82597497
Conc: 57.85 ng/ml



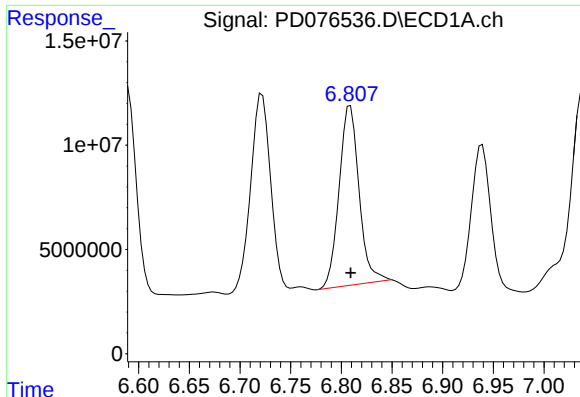
#14 Endrin

R.T.: 6.590 min
Delta R.T.: 0.000 min
Response: 119631069
Conc: 44.14 ng/ml



#14 Endrin

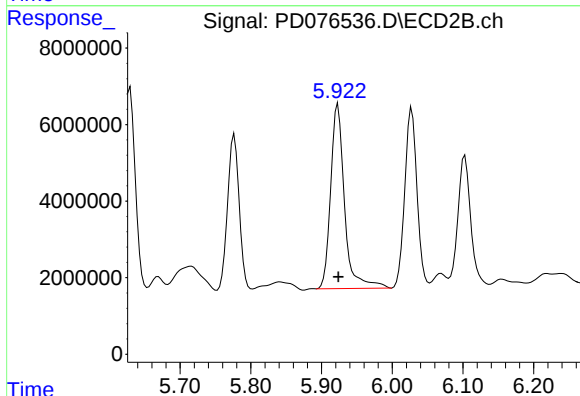
R.T.: 5.629 min
Delta R.T.: 0.000 min
Response: 61295585
Conc: 49.25 ng/ml



#15 Endosulfan II

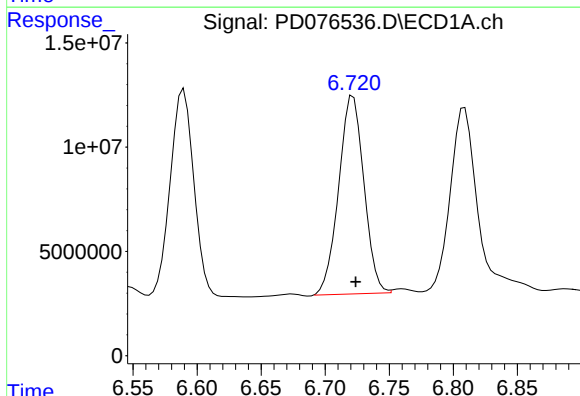
R.T.: 6.809 min
Delta R.T.: 0.000 min
Response: 118196875
Conc: 41.59 ng/ml

Instrument :
ECD_D
ClientSampleId :



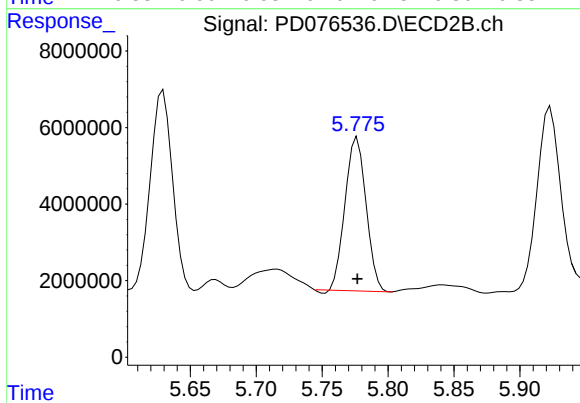
#15 Endosulfan II

R.T.: 5.923 min
Delta R.T.: 0.000 min
Response: 65764174
Conc: 54.09 ng/ml



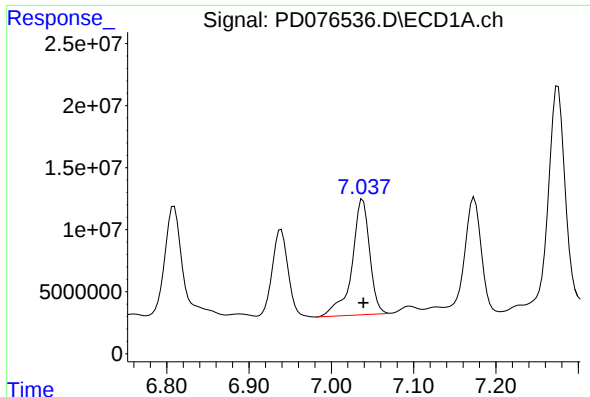
#16 4,4'-DDD

R.T.: 6.722 min
Delta R.T.: -0.002 min
Response: 130275082
Conc: 54.78 ng/ml



#16 4,4'-DDD

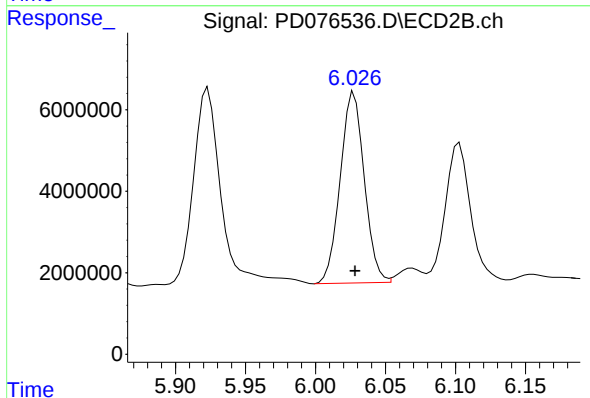
R.T.: 5.777 min
Delta R.T.: 0.000 min
Response: 44339244
Conc: 45.48 ng/ml



#17 4,4'-DDT

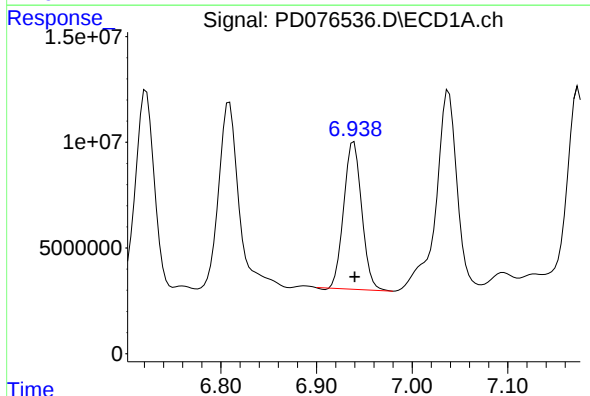
R.T.: 7.038 min
Delta R.T.: 0.000 min
Response: 139292189
Conc: 59.45 ng/ml

Instrument :
ECD_D
ClientSampleId :



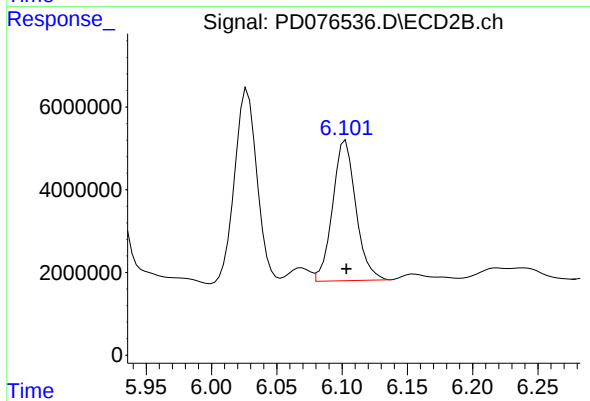
#17 4,4'-DDT

R.T.: 6.027 min
Delta R.T.: 0.000 min
Response: 56051364
Conc: 59.79 ng/ml



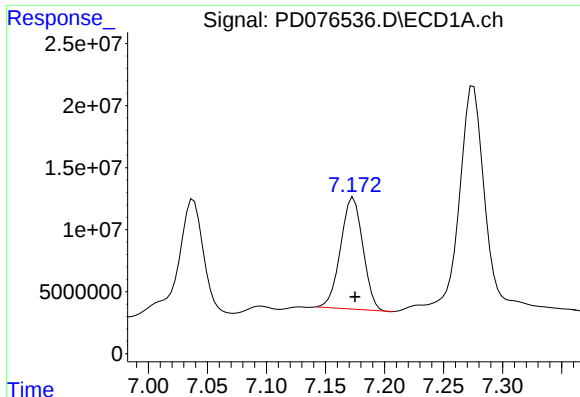
#18 Endrin aldehyde

R.T.: 6.939 min
Delta R.T.: 0.000 min
Response: 90974896
Conc: 41.78 ng/ml



#18 Endrin aldehyde

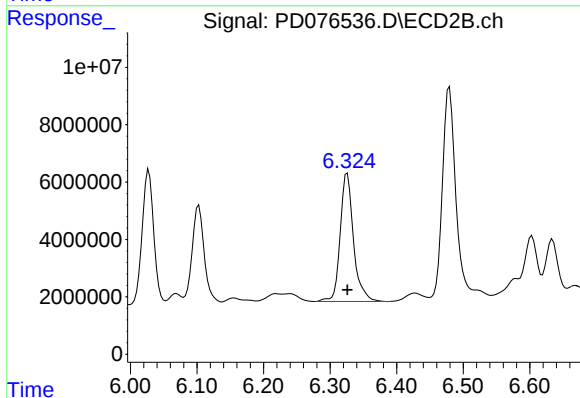
R.T.: 6.103 min
Delta R.T.: 0.000 min
Response: 42155728
Conc: 43.59 ng/ml



#19 Endosulfan Sulfate

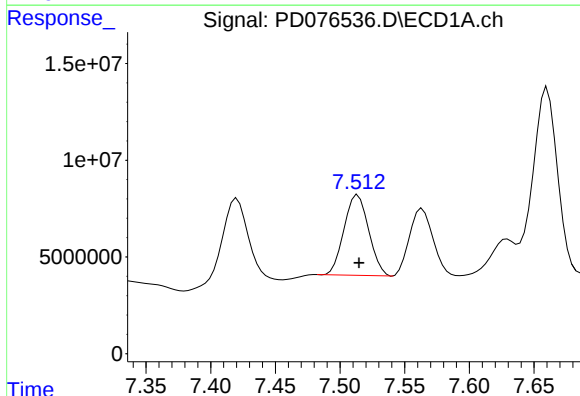
R.T.: 7.174 min
Delta R.T.: -0.001 min
Response: 118439735
Conc: 45.41 ng/ml

Instrument :
ECD_D
ClientSampleId :



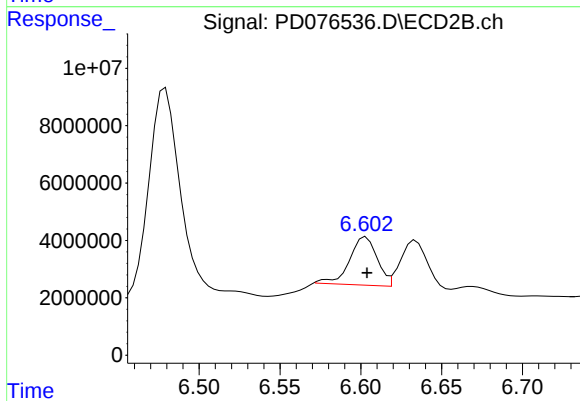
#19 Endosulfan Sulfate

R.T.: 6.326 min
Delta R.T.: 0.000 min
Response: 61875238
Conc: 53.53 ng/ml



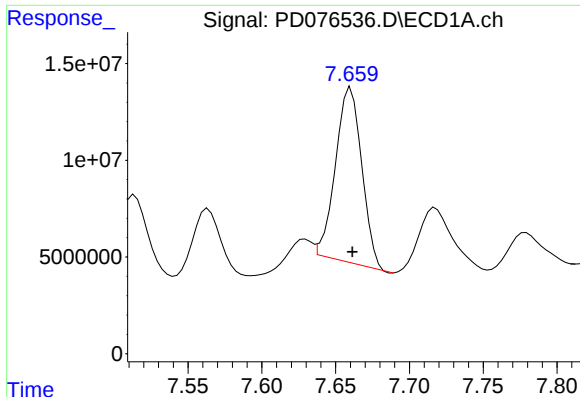
#20 Methoxychlor

R.T.: 7.514 min
Delta R.T.: 0.000 min
Response: 55065013
Conc: 39.83 ng/ml



#20 Methoxychlor

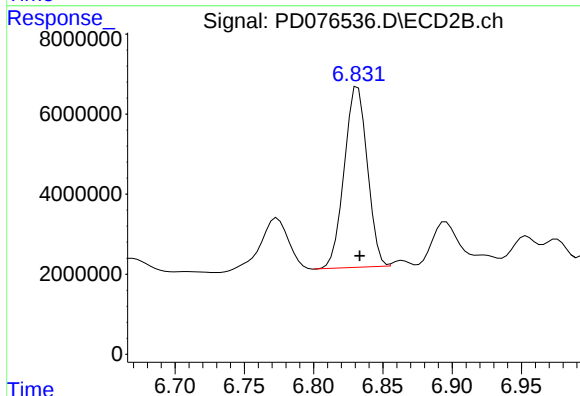
R.T.: 6.603 min
Delta R.T.: 0.000 min
Response: 20002376
Conc: 36.99 ng/ml



#21 Endrin ketone

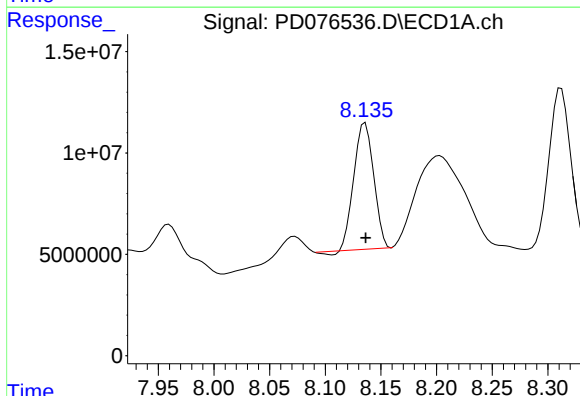
R.T.: 7.660 min
Delta R.T.: -0.001 min
Response: 112370186
Conc: 37.59 ng/ml

Instrument :
ECD_D
ClientSampleId :



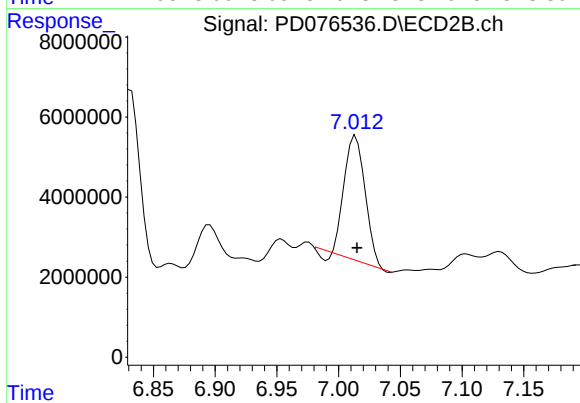
#21 Endrin ketone

R.T.: 6.832 min
Delta R.T.: -0.001 min
Response: 52328114
Conc: 38.22 ng/ml



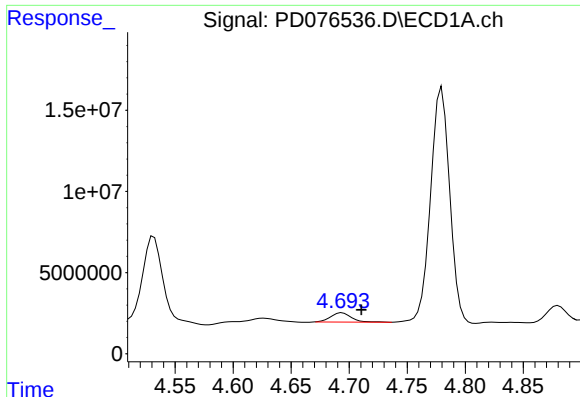
#22 Mirex

R.T.: 8.136 min
Delta R.T.: 0.000 min
Response: 76701247
Conc: 34.79 ng/ml



#22 Mirex

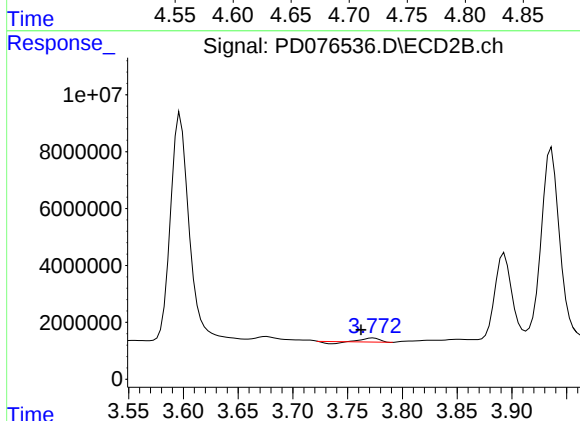
R.T.: 7.014 min
Delta R.T.: 0.000 min
Response: 35837429
Conc: 32.83 ng/ml



#23 Chlordane-1

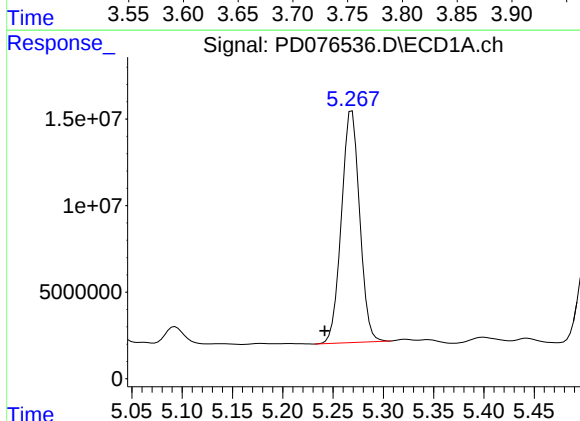
R.T.: 4.694 min
Delta R.T.: -0.017 min
Response: 7123871
Conc: 6.57 ng/ml

Instrument :
ECD_D
ClientSampleId :



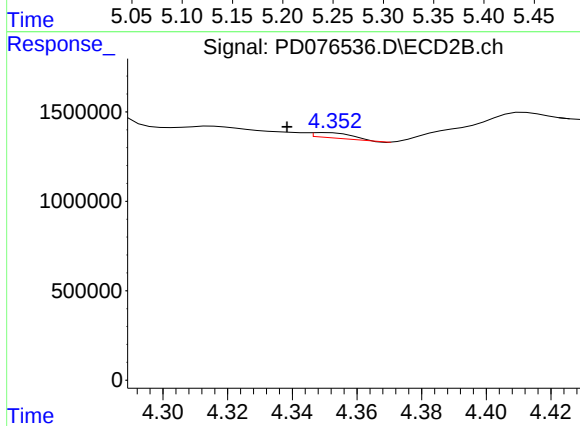
#23 Chlordane-1

R.T.: 3.773 min
Delta R.T.: 0.011 min
Response: 1148544
Conc: 2.89 ng/ml



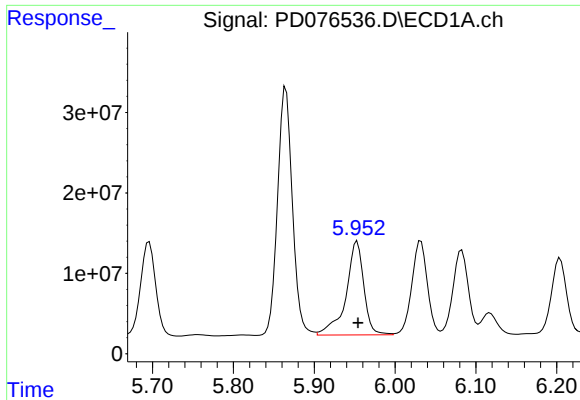
#24 Chlordane-2

R.T.: 5.269 min
Delta R.T.: 0.027 min
Response: 168439700
Conc: 162.85 ng/ml



#24 Chlordane-2

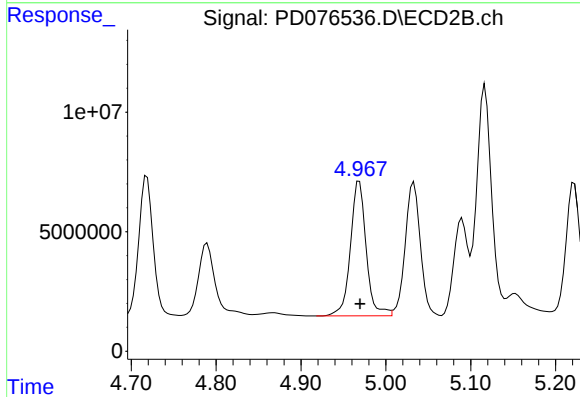
R.T.: 4.350 min
Delta R.T.: 0.012 min
Response: 257398
Conc: 0.65 ng/ml



#25 Chlordane-3

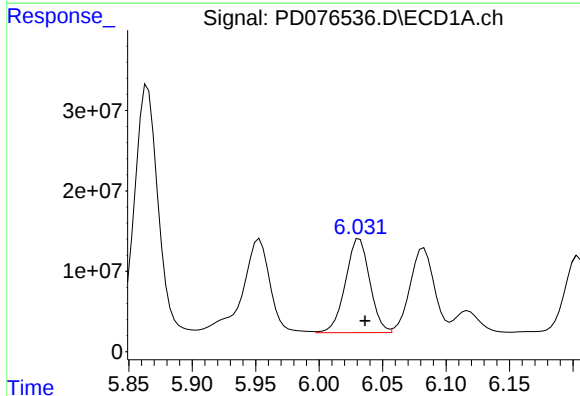
R.T.: 5.953 min
Delta R.T.: -0.001 min
Response: 179489339
Conc: 37.66 ng/ml

Instrument :
ECD_D
ClientSampleId :



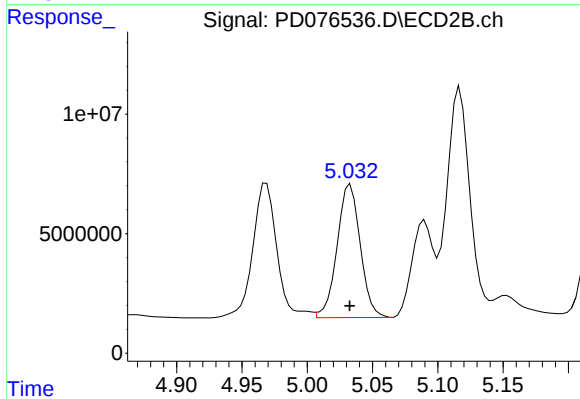
#25 Chlordane-3

R.T.: 4.969 min
Delta R.T.: -0.001 min
Response: 72699597
Conc: 53.99 ng/ml



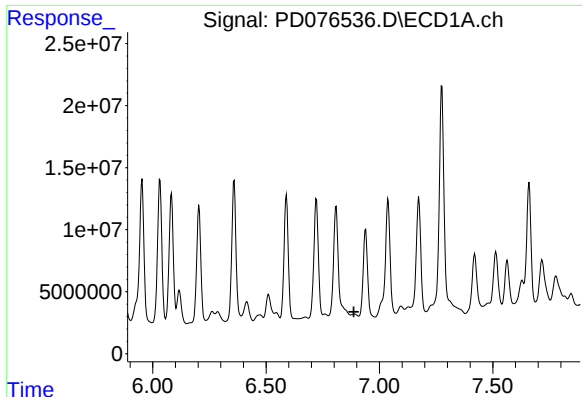
#26 Chlordane-4

R.T.: 6.032 min
Delta R.T.: -0.004 min
Response: 155695482
Conc: 27.71 ng/ml



#26 Chlordane-4

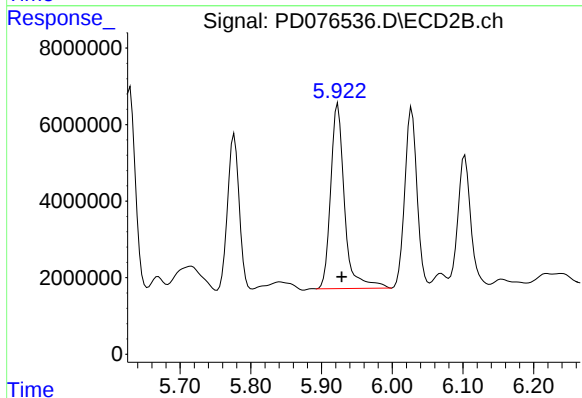
R.T.: 5.033 min
Delta R.T.: 0.000 min
Response: 68834850
Conc: 52.72 ng/ml



#27 Chlordane-5

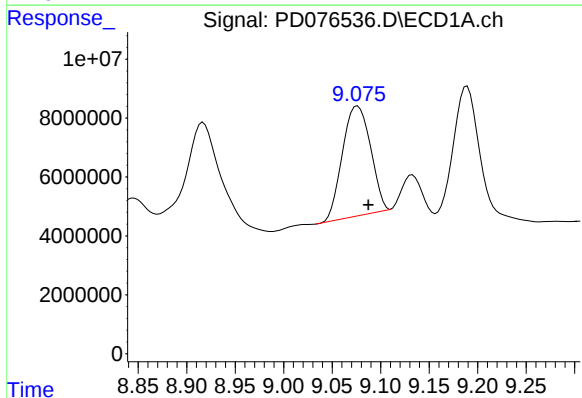
R.T.: 6.888 min
Delta R.T.: 0.000 min
Response: -2740136
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



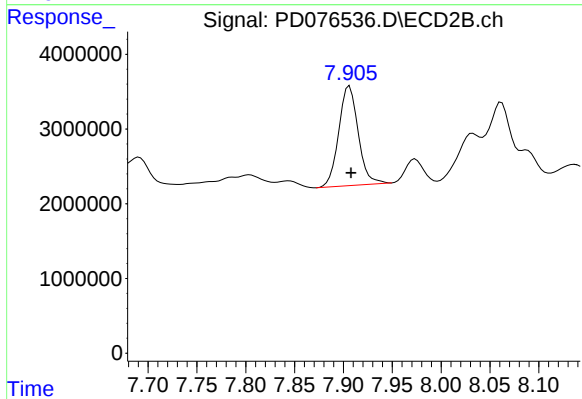
#27 Chlordane-5

R.T.: 5.923 min
Delta R.T.: -0.006 min
Response: 65764174
Conc: 137.99 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.076 min
Delta R.T.: -0.011 min
Response: 75172918
Conc: 29.75 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.906 min
Delta R.T.: -0.002 min
Response: 18475630
Conc: 17.85 ng/ml