

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD090423\
 Data File : PD077605.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Sep 2023 19:33
 Operator : AR\AJ
 Sample : 04219-02MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 03 05:07:52 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...	3.542	2.761	35526322	24689600	13.992	15.610
2)	SA Decachlor...	9.079	7.900	32276908	26311905	10.596	15.248 #
Target Compounds							
2)	A alpha-BHC	3.999	3.262	207.5E6	123.1E6	50.445	53.228
3)	MA gamma-BHC...	4.332	3.592	149.5E6	114.3E6	37.781	51.149 #
4)	MA Heptachlor	4.923	3.931	201.0E6	123.7E6	51.311	54.996
5)	MB Aldrin	5.264	4.210	305.2E6	107.9E6	75.876	47.361 #
6)	B beta-BHC	4.530	3.889	73448488	47431179	45.513	53.218
7)	B delta-BHC	4.778	4.118	187.8E6	114.6E6	50.935	52.880
8)	B Heptachlo...	5.694	4.713	232.8E6	148.9E6	65.097	73.424
9)	A Endosulfan I	6.080	5.083	182.8E6	87666530	55.584	46.802
10)	B gamma-Chl...	5.950	4.963	246.0E6	162.0E6	69.881	80.603
11)	B alpha-Chl...	6.030	5.026	365.2E6	184.1E6	102.625	91.392
12)	B 4,4'-DDE	6.201	5.215	156.3E6	104.3E6	48.551	57.155
13)	MA Dieldrin	6.356	5.347	194.3E6	109.8E6	54.624	53.791
14)	MA Endrin	6.586	5.623	148.3E6	93733642	48.898	51.749
15)	B Endosulfa...	6.806	5.918	150.2E6	107.9E6	48.487	63.052 #
16)	A 4,4'-DDD	6.720	5.770	144.2E6	80284281	56.289	57.452
17)	MA 4,4'-DDT	7.035	6.021	154.3E6	86324149	59.000	61.100
18)	B Endrin al...	6.936	6.097	88875835	67250238	37.399	49.821 #
19)	B Endosulfa...	7.171	6.320	156.8E6	95706163	55.240	59.770
20)	A Methoxychlor	7.511	6.596	80138277	37962956	51.811	49.033
21)	B Endrin ke...	7.659	6.826	142.3E6	87594805	43.787	46.328
22)	Mirex	8.133	7.007	105.8E6	69994385	44.010	45.710
23)	Chlordane-1	4.704	3.756	1578691	195904	13.506	3.440 #
24)	Chlordane-2	5.264f	4.339	305.2E6	64272470	2390.944	1009.130 #
25)	Chlordane-3	5.950	4.963	246.0E6	162.0E6	489.678	825.814 #
26)	Chlordane-4	6.030	5.026	365.2E6	184.1E6	592.809	973.072 #
27)	Chlordane-5	6.884	5.918	22575949	107.9E6	223.045	1676.870 #

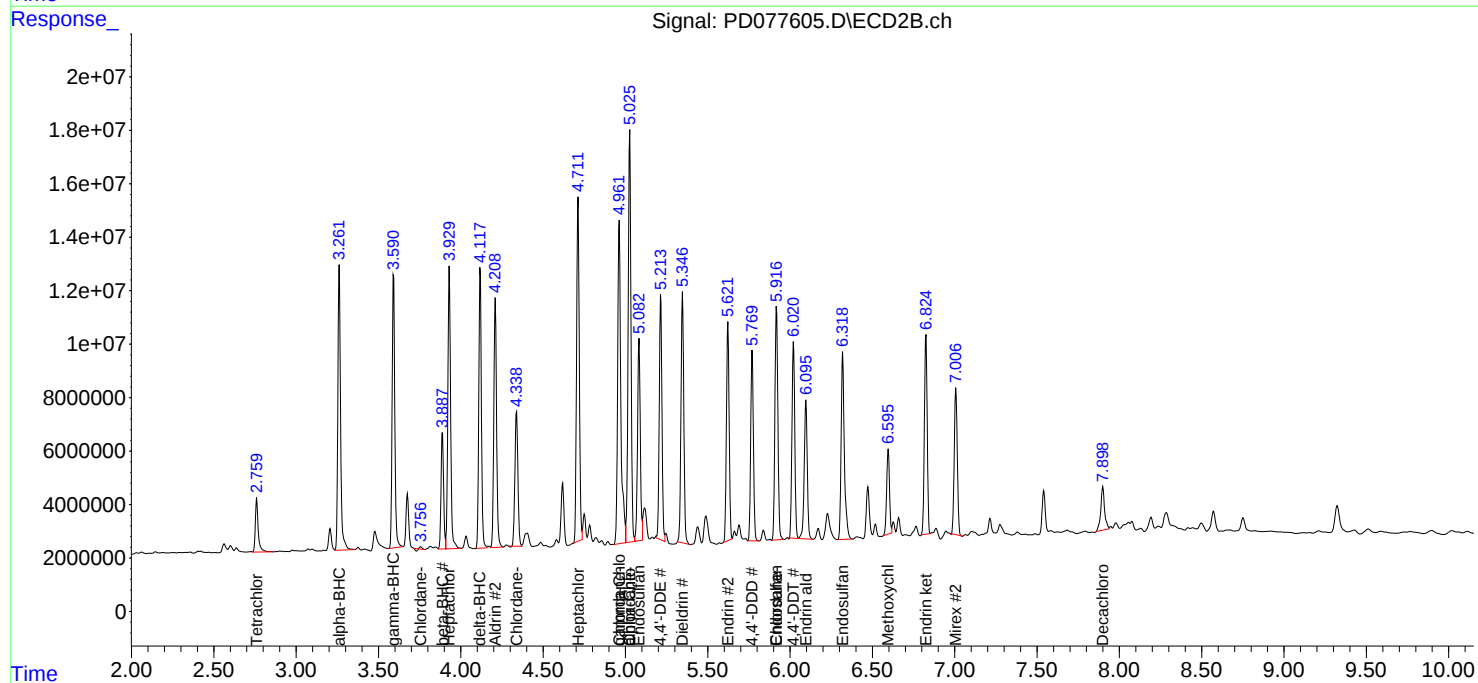
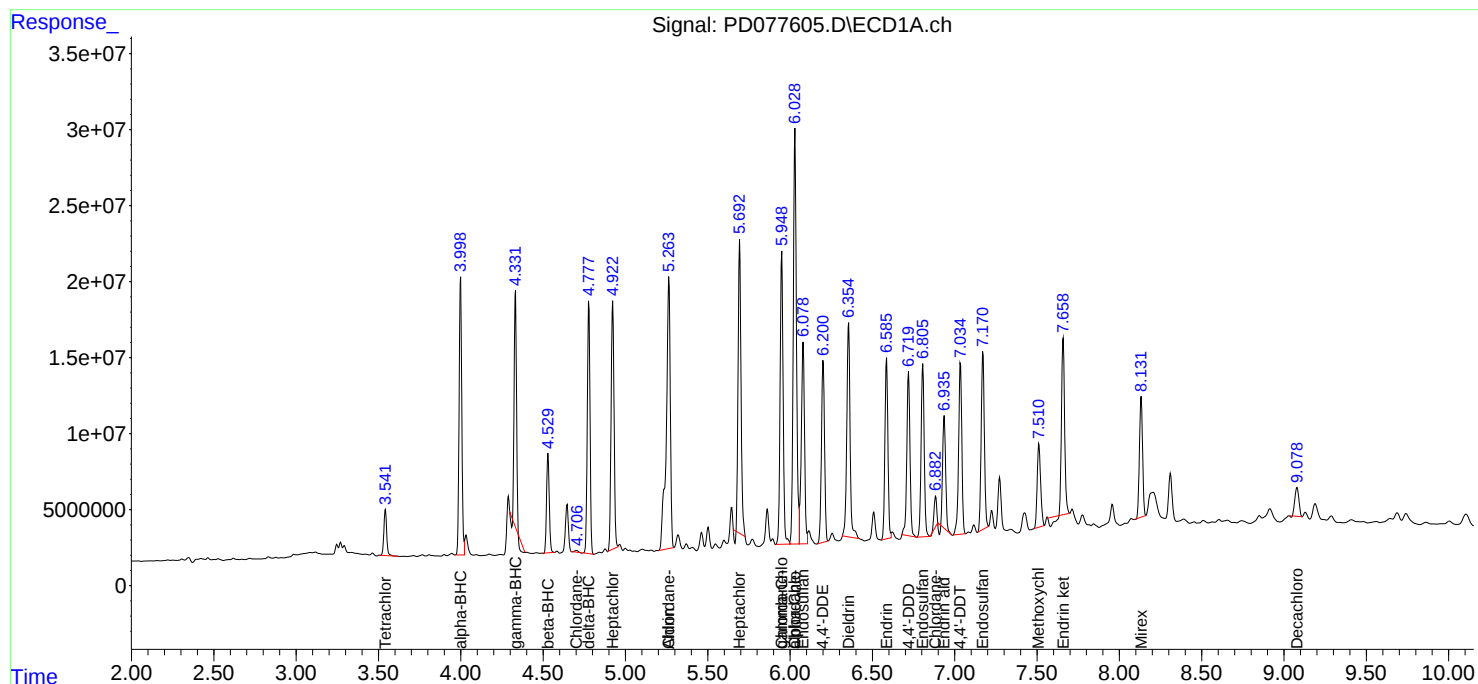
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

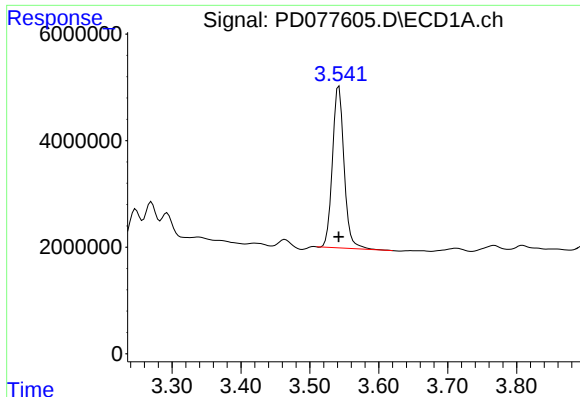
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD090423\
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Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

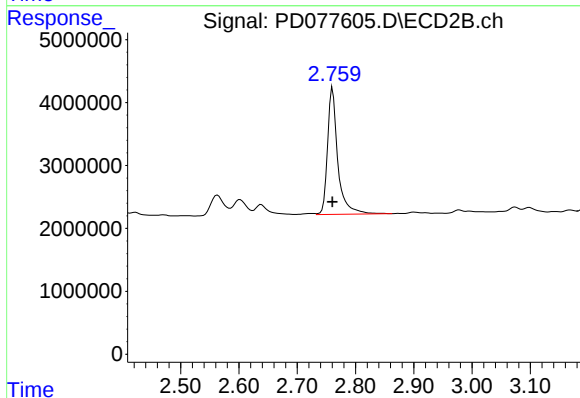




#1 Tetrachloro-m-xylene

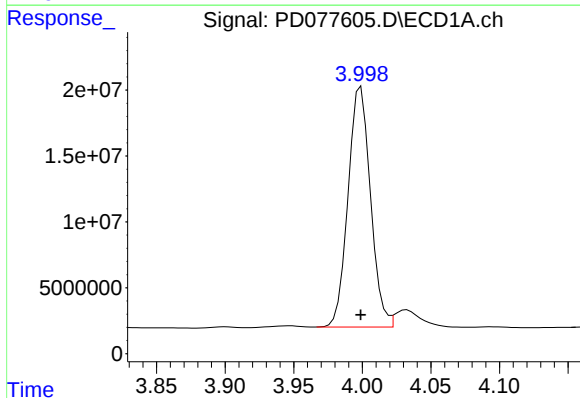
R.T.: 3.542 min
Delta R.T.: 0.000 min
Response: 35526322
Conc: 13.99 ng/ml

Instrument :
ECD_D
ClientSampleId :



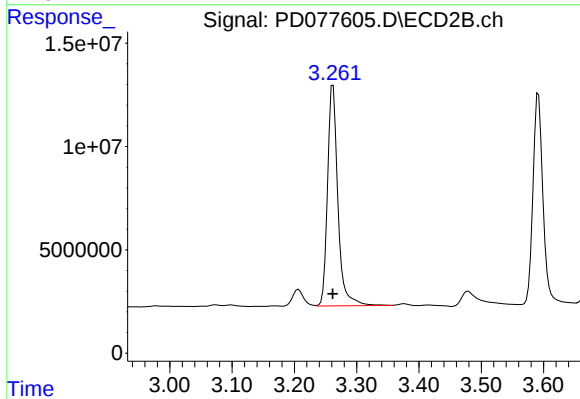
#1 Tetrachloro-m-xylene

R.T.: 2.761 min
Delta R.T.: 0.000 min
Response: 24689600
Conc: 15.61 ng/ml



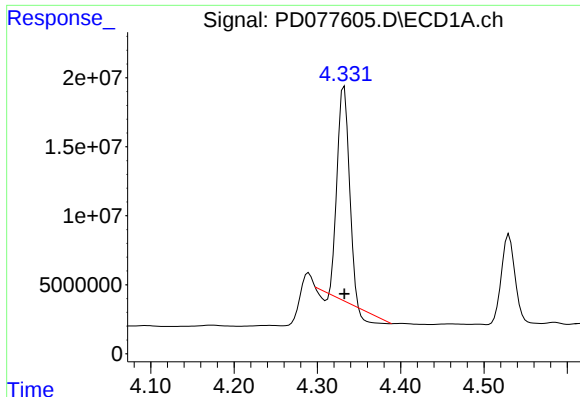
#2 alpha-BHC

R.T.: 3.999 min
Delta R.T.: 0.000 min
Response: 207537679
Conc: 50.44 ng/ml



#2 alpha-BHC

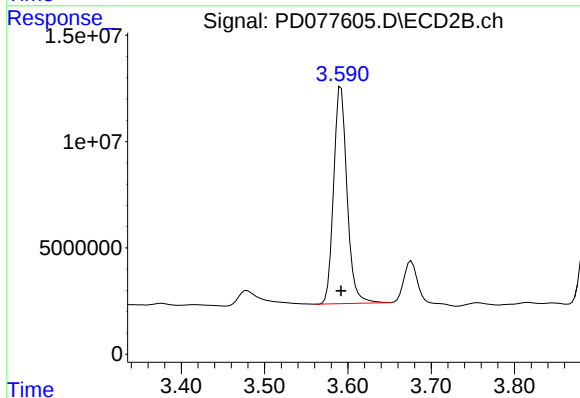
R.T.: 3.262 min
Delta R.T.: 0.000 min
Response: 123145043
Conc: 53.23 ng/ml



#3 gamma-BHC (Lindane)

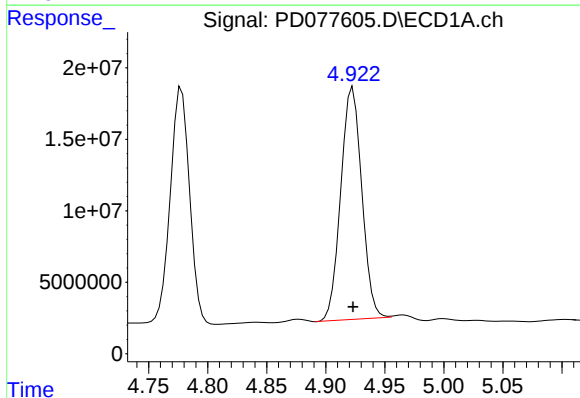
R.T.: 4.332 min
Delta R.T.: 0.000 min
Response: 149457978
Conc: 37.78 ng/ml

Instrument :
ECD_D
ClientSampleId :



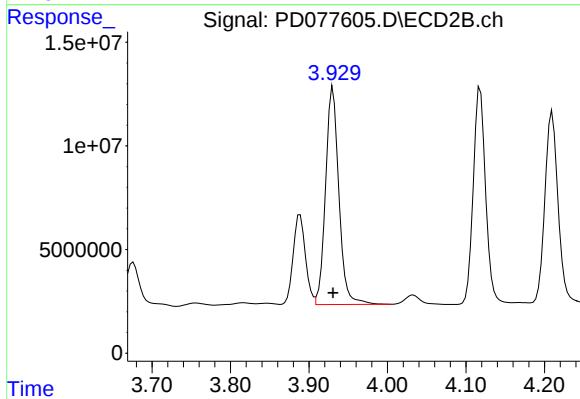
#3 gamma-BHC (Lindane)

R.T.: 3.592 min
Delta R.T.: 0.000 min
Response: 114341187
Conc: 51.15 ng/ml



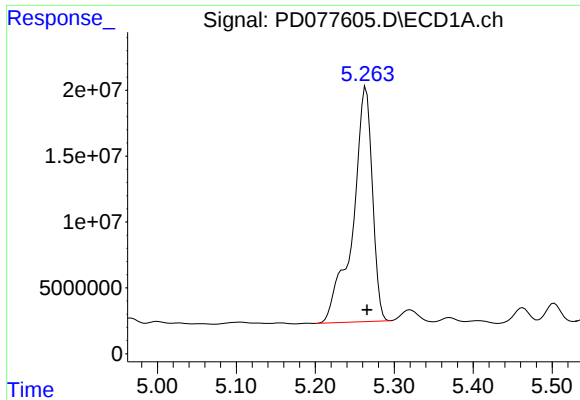
#4 Heptachlor

R.T.: 4.923 min
Delta R.T.: 0.000 min
Response: 201032683
Conc: 51.31 ng/ml



#4 Heptachlor

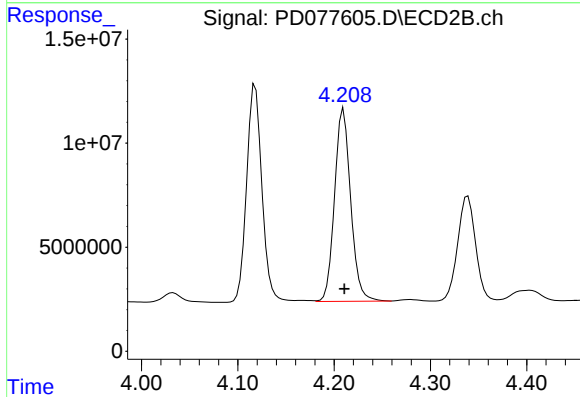
R.T.: 3.931 min
Delta R.T.: 0.000 min
Response: 123708338
Conc: 55.00 ng/ml



#5 Aldrin

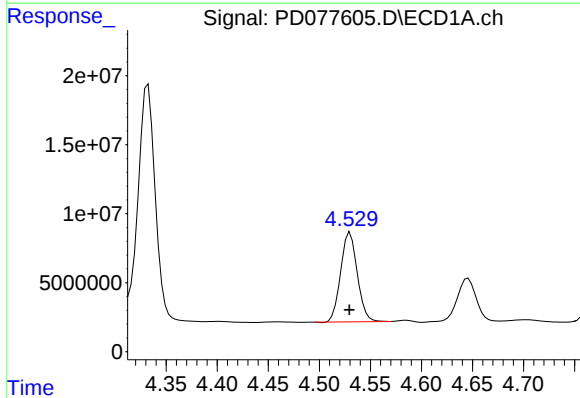
R.T.: 5.264 min
Delta R.T.: -0.002 min
Response: 305160866
Conc: 75.88 ng/ml

Instrument :
ECD_D
ClientSampleId :



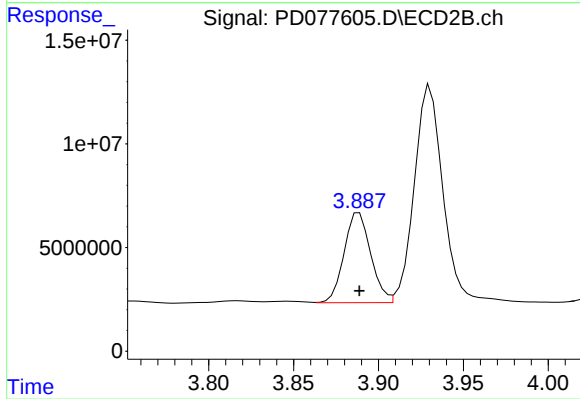
#5 Aldrin

R.T.: 4.210 min
Delta R.T.: 0.000 min
Response: 107890774
Conc: 47.36 ng/ml



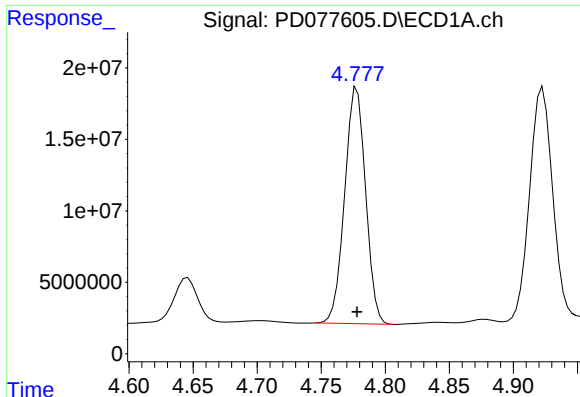
#6 beta-BHC

R.T.: 4.530 min
Delta R.T.: 0.000 min
Response: 73448488
Conc: 45.51 ng/ml



#6 beta-BHC

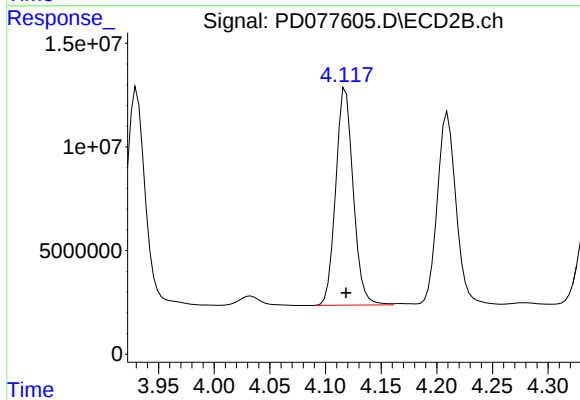
R.T.: 3.889 min
Delta R.T.: 0.000 min
Response: 47431179
Conc: 53.22 ng/ml



#7 delta-BHC

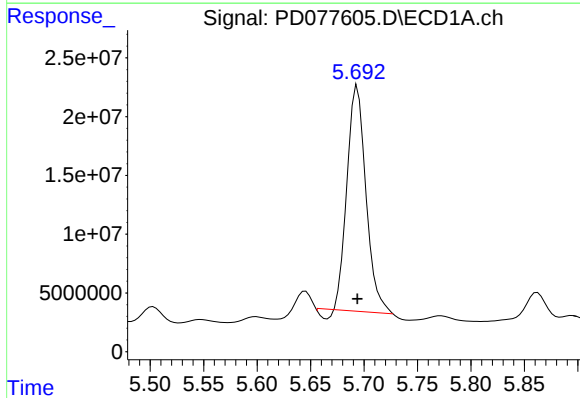
R.T.: 4.778 min
Delta R.T.: 0.000 min
Response: 187764707
Conc: 50.93 ng/ml

Instrument :
ECD_D
ClientSampleId :



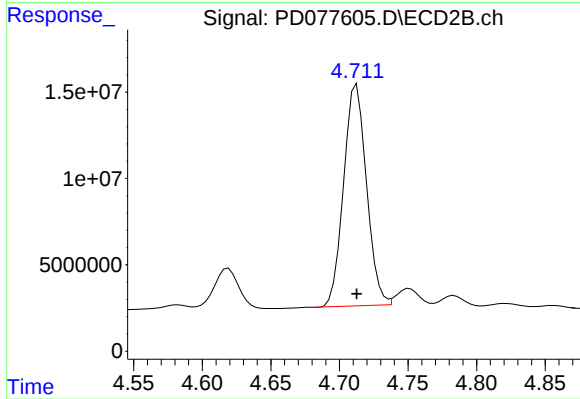
#7 delta-BHC

R.T.: 4.118 min
Delta R.T.: 0.000 min
Response: 114634928
Conc: 52.88 ng/ml



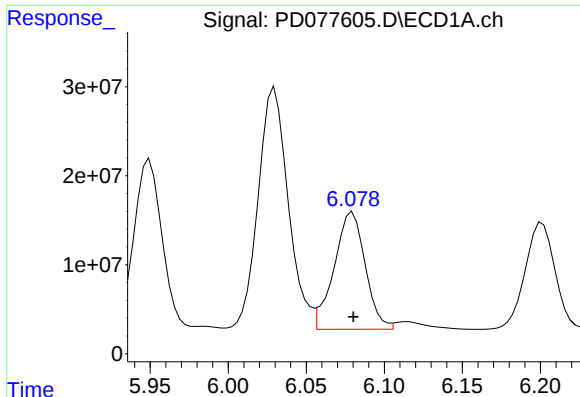
#8 Heptachlor epoxide

R.T.: 5.694 min
Delta R.T.: 0.000 min
Response: 232760162
Conc: 65.10 ng/ml



#8 Heptachlor epoxide

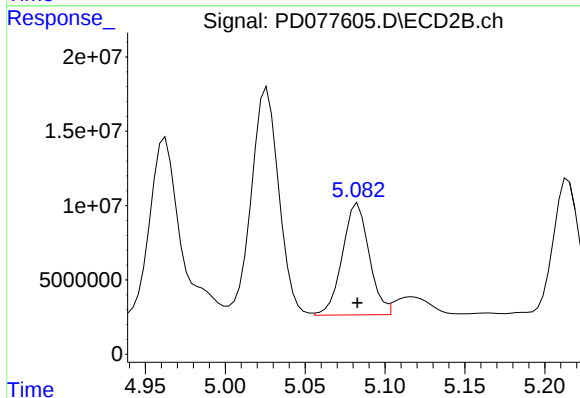
R.T.: 4.713 min
Delta R.T.: 0.000 min
Response: 148920191
Conc: 73.42 ng/ml



#9 Endosulfan I

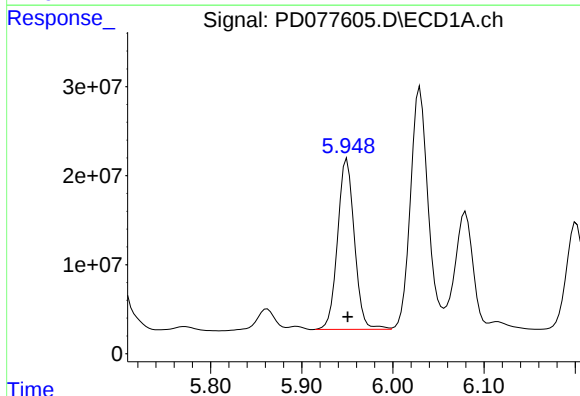
R.T.: 6.080 min
Delta R.T.: 0.000 min
Response: 182819324
Conc: 55.58 ng/ml

Instrument :
ECD_D
ClientSampleId :



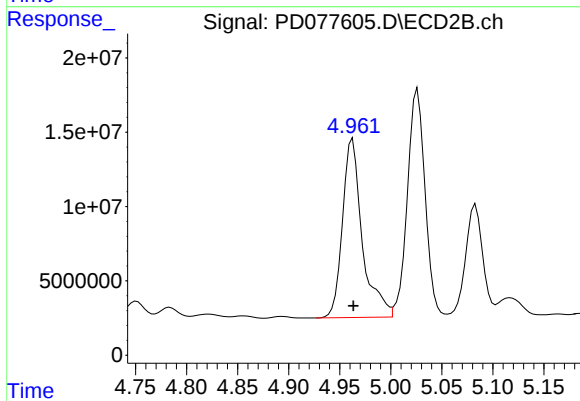
#9 Endosulfan I

R.T.: 5.083 min
Delta R.T.: 0.000 min
Response: 87666530
Conc: 46.80 ng/ml



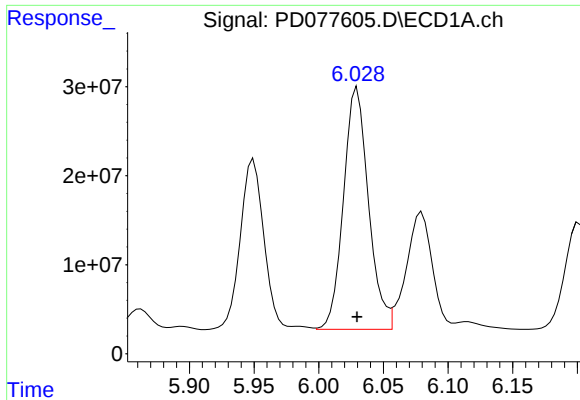
#10 gamma-Chlordane

R.T.: 5.950 min
Delta R.T.: 0.000 min
Response: 246004223
Conc: 69.88 ng/ml



#10 gamma-Chlordane

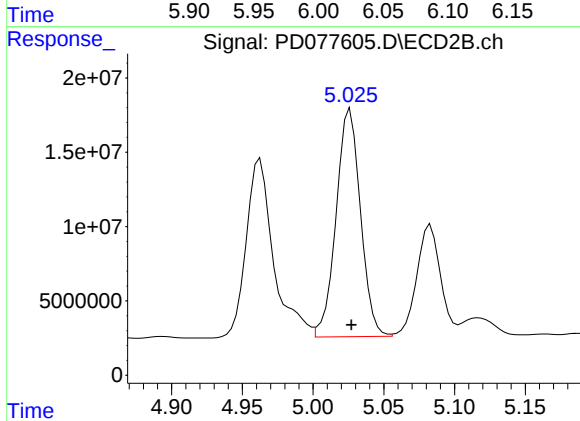
R.T.: 4.963 min
Delta R.T.: 0.000 min
Response: 162026780
Conc: 80.60 ng/ml



#11 alpha-Chlordane

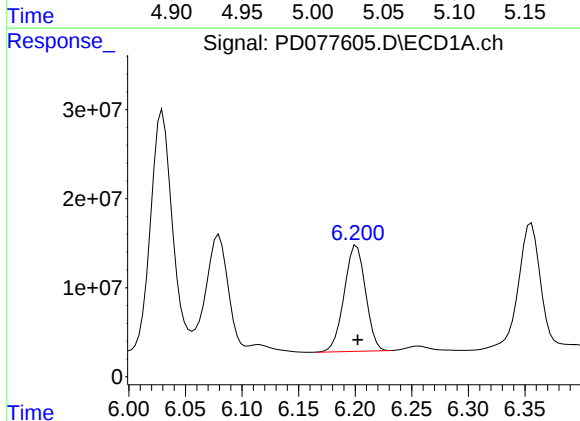
R.T.: 6.030 min
Delta R.T.: 0.000 min
Response: 365174332
Conc: 102.63 ng/ml

Instrument :
ECD_D
ClientSampleId :



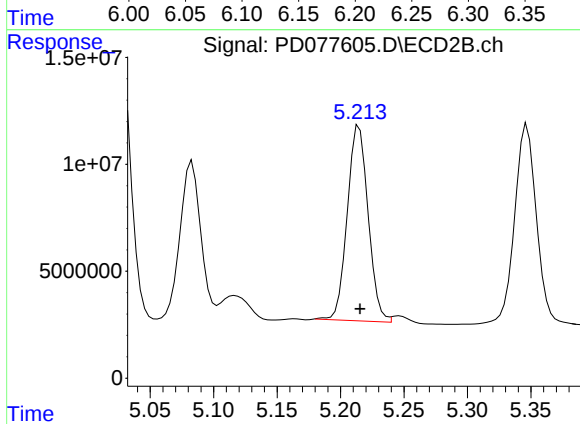
#11 alpha-Chlordane

R.T.: 5.026 min
Delta R.T.: 0.000 min
Response: 184127053
Conc: 91.39 ng/ml



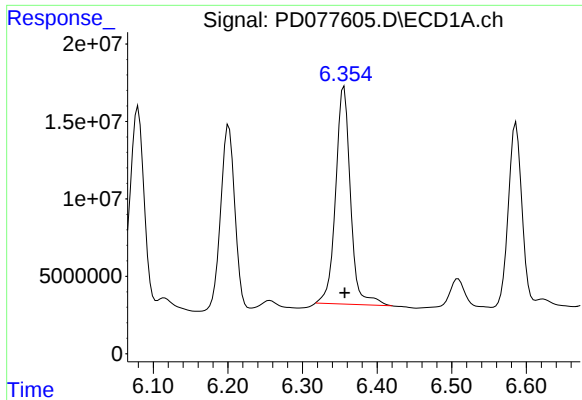
#12 4,4'-DDE

R.T.: 6.201 min
Delta R.T.: -0.001 min
Response: 156315407
Conc: 48.55 ng/ml



#12 4,4'-DDE

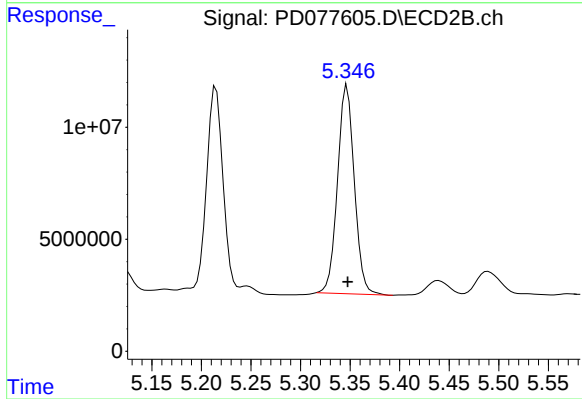
R.T.: 5.215 min
Delta R.T.: 0.000 min
Response: 104324147
Conc: 57.15 ng/ml



#13 Dieldrin

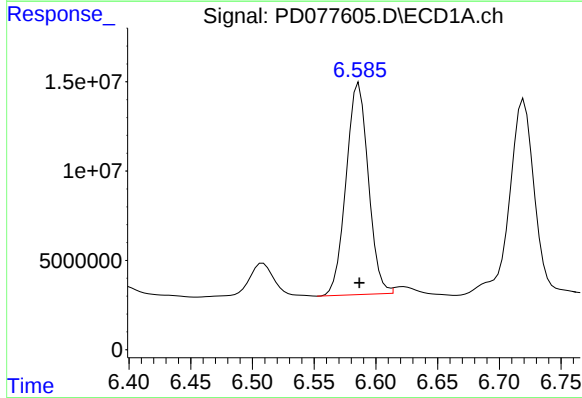
R.T.: 6.356 min
Delta R.T.: 0.000 min
Response: 194344595
Conc: 54.62 ng/ml

Instrument :
ECD_D
ClientSampleId :



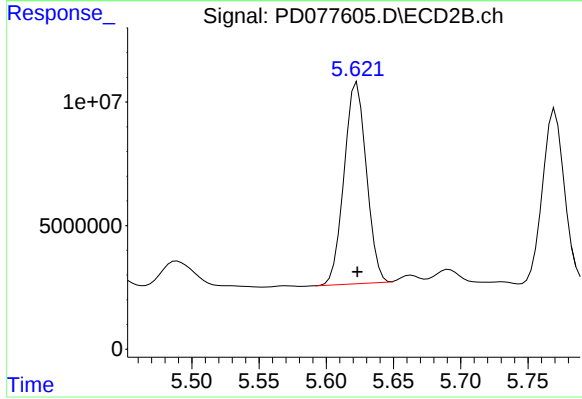
#13 Dieldrin

R.T.: 5.347 min
Delta R.T.: 0.000 min
Response: 109830430
Conc: 53.79 ng/ml



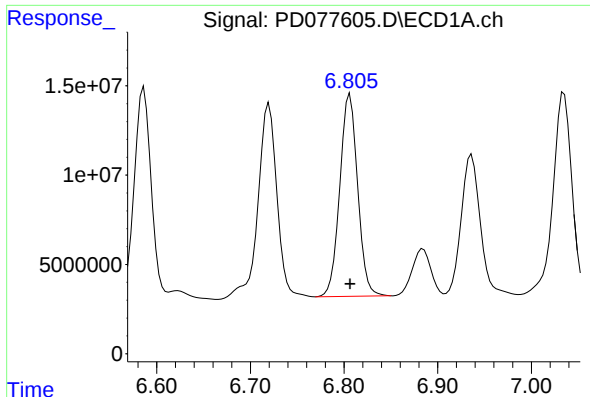
#14 Endrin

R.T.: 6.586 min
Delta R.T.: 0.000 min
Response: 148316255
Conc: 48.90 ng/ml



#14 Endrin

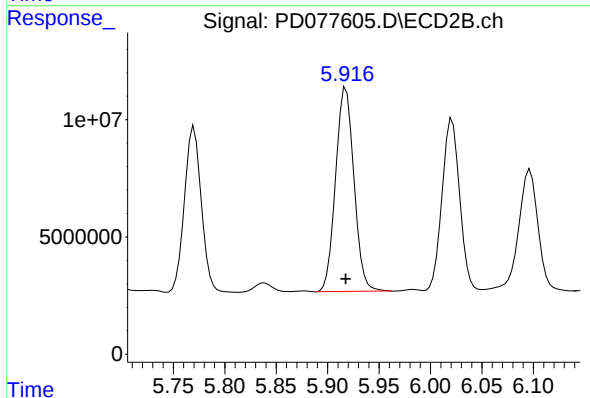
R.T.: 5.623 min
Delta R.T.: 0.000 min
Response: 93733642
Conc: 51.75 ng/ml



#15 Endosulfan II

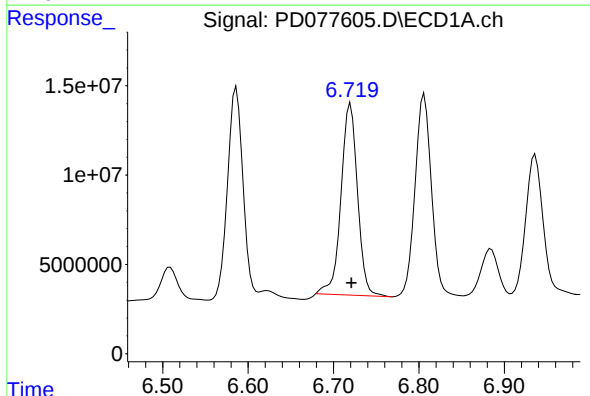
R.T.: 6.806 min
Delta R.T.: 0.000 min
Response: 150241788
Conc: 48.49 ng/ml

Instrument :
ECD_D
ClientSampleId :



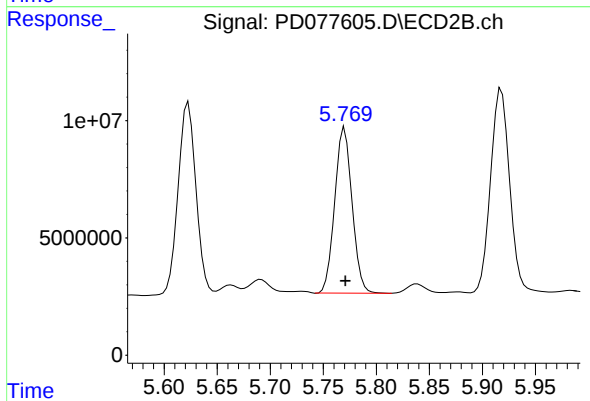
#15 Endosulfan II

R.T.: 5.918 min
Delta R.T.: 0.000 min
Response: 107886012
Conc: 63.05 ng/ml



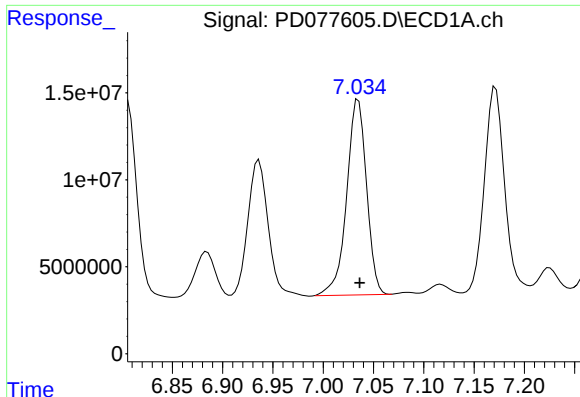
#16 4,4'-DDD

R.T.: 6.720 min
Delta R.T.: -0.001 min
Response: 144229032
Conc: 56.29 ng/ml



#16 4,4'-DDD

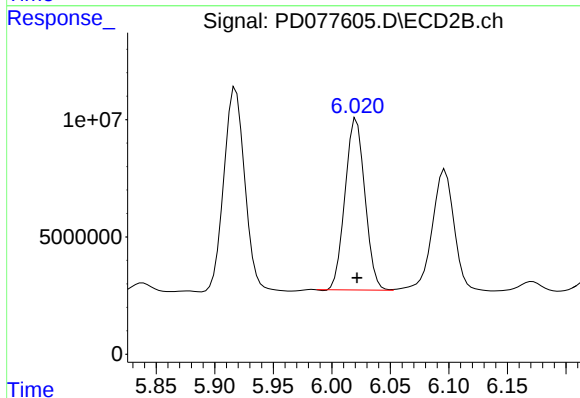
R.T.: 5.770 min
Delta R.T.: 0.000 min
Response: 80284281
Conc: 57.45 ng/ml



#17 4,4'-DDT

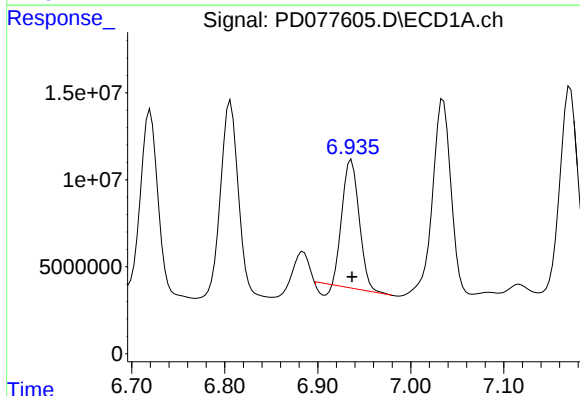
R.T.: 7.035 min
Delta R.T.: -0.001 min
Response: 154302691
Conc: 59.00 ng/ml

Instrument :
ECD_D
ClientSampleId :



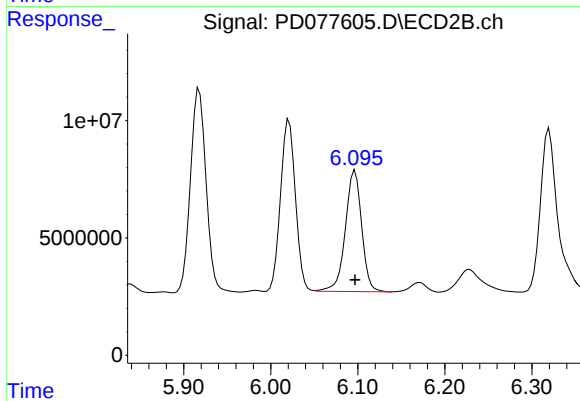
#17 4,4'-DDT

R.T.: 6.021 min
Delta R.T.: 0.000 min
Response: 86324149
Conc: 61.10 ng/ml



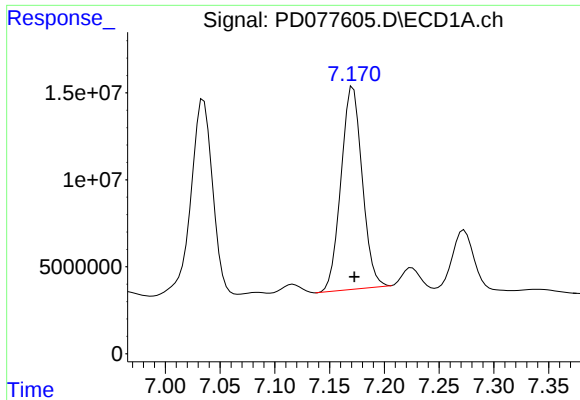
#18 Endrin aldehyde

R.T.: 6.936 min
Delta R.T.: 0.000 min
Response: 88875835
Conc: 37.40 ng/ml



#18 Endrin aldehyde

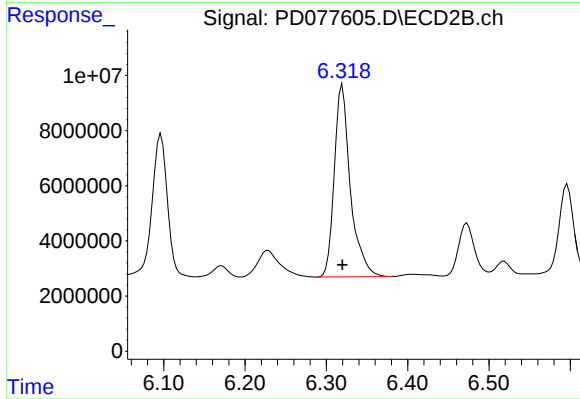
R.T.: 6.097 min
Delta R.T.: 0.000 min
Response: 67250238
Conc: 49.82 ng/ml



#19 Endosulfan Sulfate

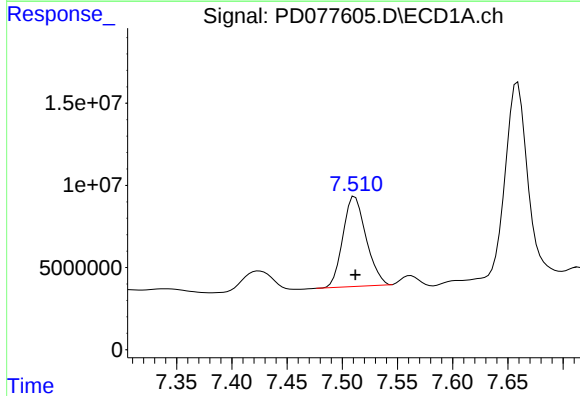
R.T.: 7.171 min
Delta R.T.: -0.001 min
Response: 156765034
Conc: 55.24 ng/ml

Instrument :
ECD_D
ClientSampleId :



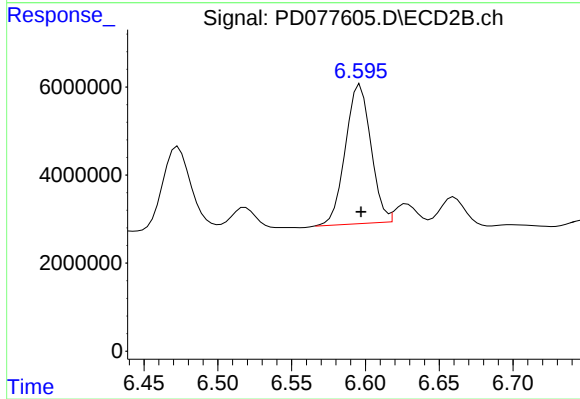
#19 Endosulfan Sulfate

R.T.: 6.320 min
Delta R.T.: 0.000 min
Response: 95706163
Conc: 59.77 ng/ml



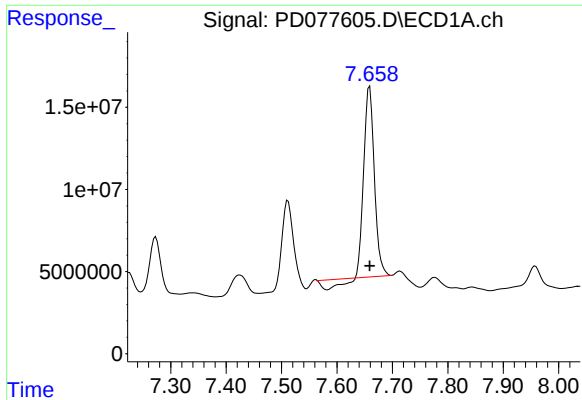
#20 Methoxychlor

R.T.: 7.511 min
Delta R.T.: 0.000 min
Response: 80138277
Conc: 51.81 ng/ml



#20 Methoxychlor

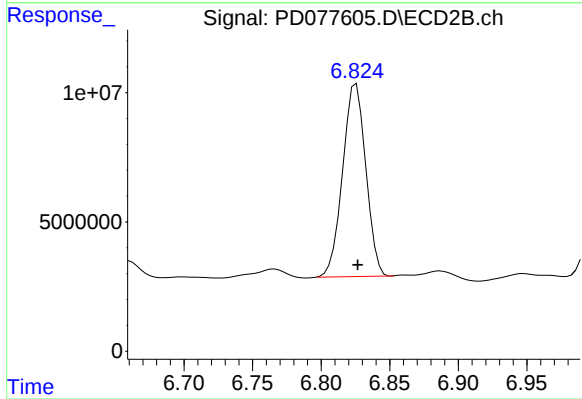
R.T.: 6.596 min
Delta R.T.: 0.000 min
Response: 37962956
Conc: 49.03 ng/ml



#21 Endrin ketone

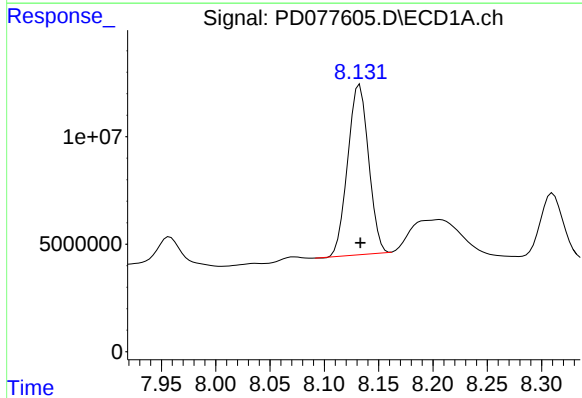
R.T.: 7.659 min
Delta R.T.: 0.000 min
Response: 142310819
Conc: 43.79 ng/ml

Instrument :
ECD_D
ClientSampleId :



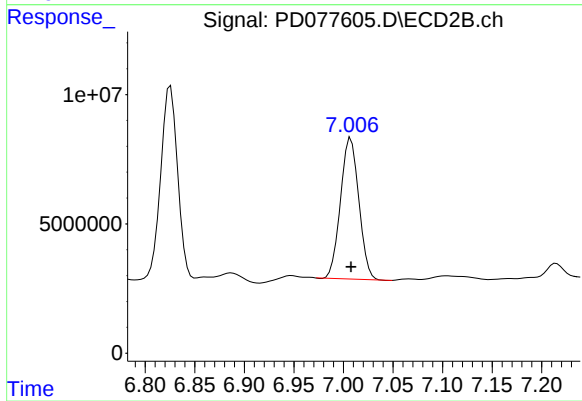
#21 Endrin ketone

R.T.: 6.826 min
Delta R.T.: -0.001 min
Response: 87594805
Conc: 46.33 ng/ml



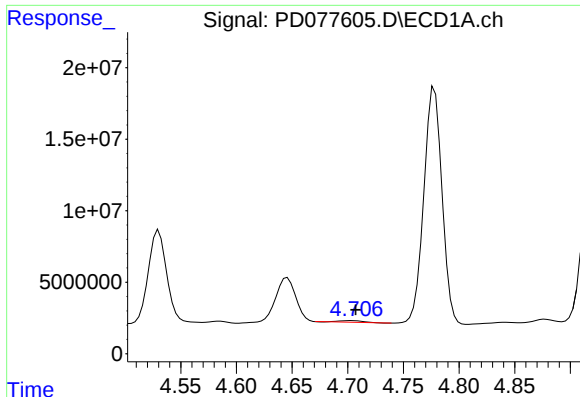
#22 Mirex

R.T.: 8.133 min
Delta R.T.: 0.000 min
Response: 105845500
Conc: 44.01 ng/ml



#22 Mirex

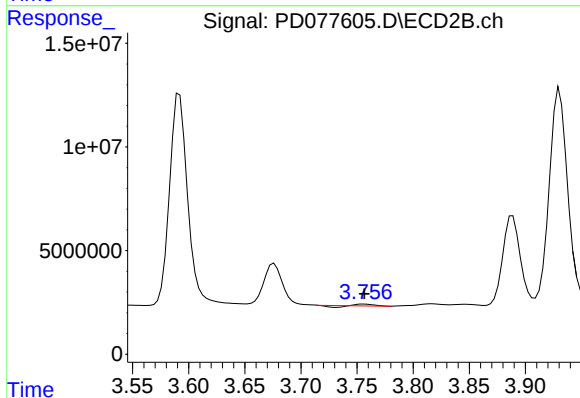
R.T.: 7.007 min
Delta R.T.: 0.000 min
Response: 69994385
Conc: 45.71 ng/ml



#23 Chlordane-1

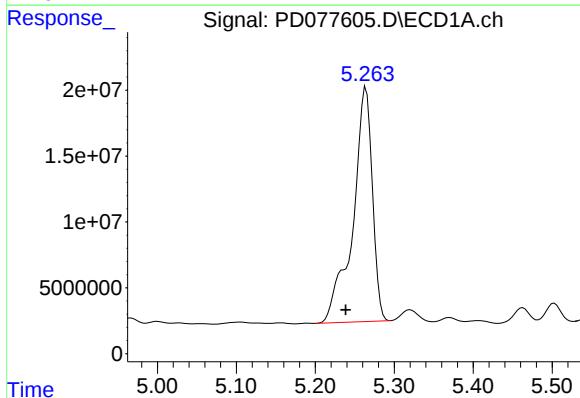
R.T.: 4.704 min
Delta R.T.: -0.003 min
Response: 1578691
Conc: 13.51 ng/ml

Instrument :
ECD_D
ClientSampleId :



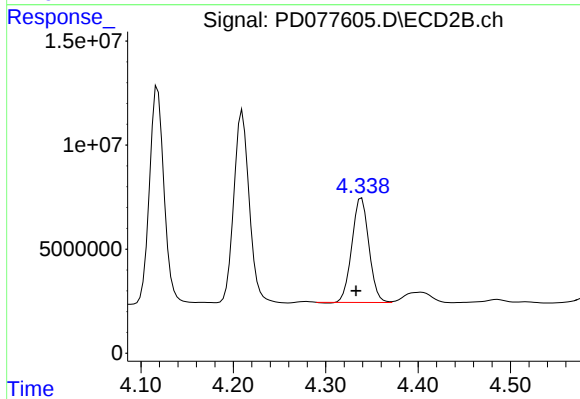
#23 Chlordane-1

R.T.: 3.756 min
Delta R.T.: 0.000 min
Response: 195904
Conc: 3.44 ng/ml



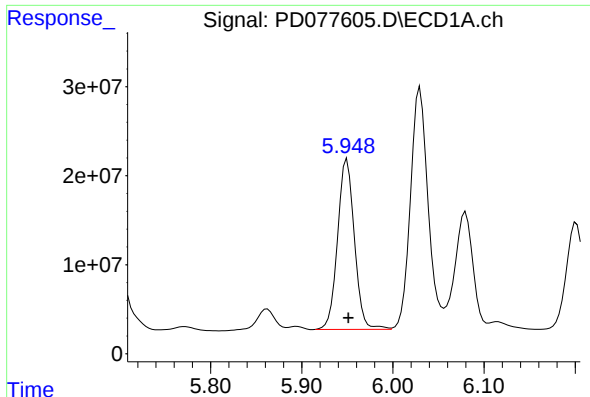
#24 Chlordane-2

R.T.: 5.264 min
Delta R.T.: 0.025 min
Response: 305160866
Conc: 2390.94 ng/ml



#24 Chlordane-2

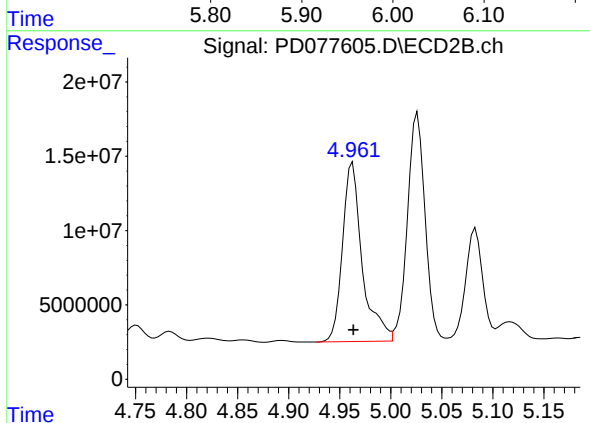
R.T.: 4.339 min
Delta R.T.: 0.006 min
Response: 64272470
Conc: 1009.13 ng/ml



#25 Chlordane-3

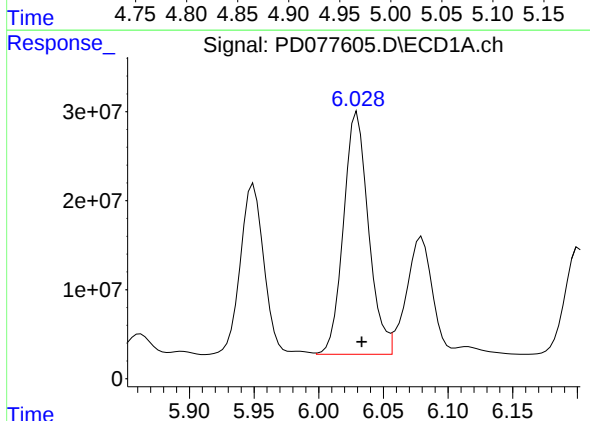
R.T.: 5.950 min
Delta R.T.: -0.001 min
Response: 246004223
Conc: 489.68 ng/ml

Instrument :
ECD_D
ClientSampleId :



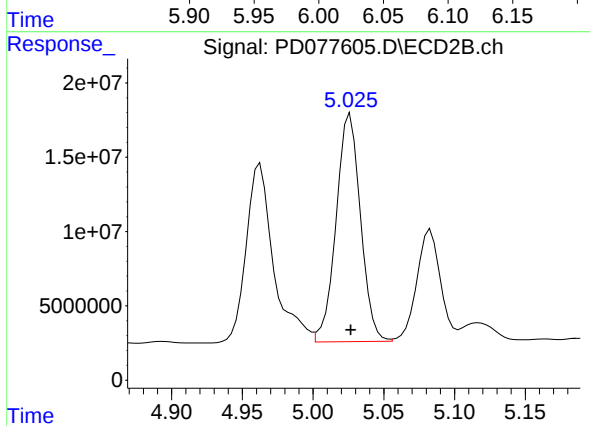
#25 Chlordane-3

R.T.: 4.963 min
Delta R.T.: -0.001 min
Response: 162026780
Conc: 825.81 ng/ml



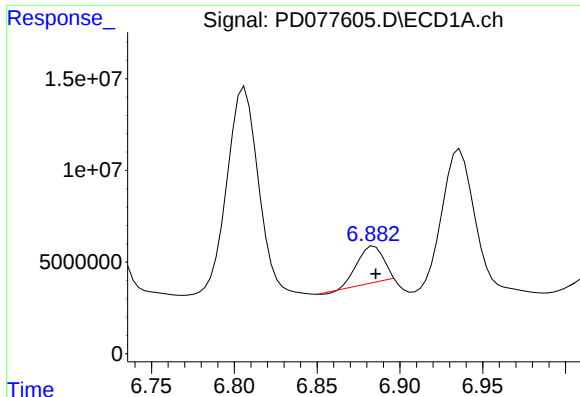
#26 Chlordane-4

R.T.: 6.030 min
Delta R.T.: -0.004 min
Response: 365174332
Conc: 592.81 ng/ml



#26 Chlordane-4

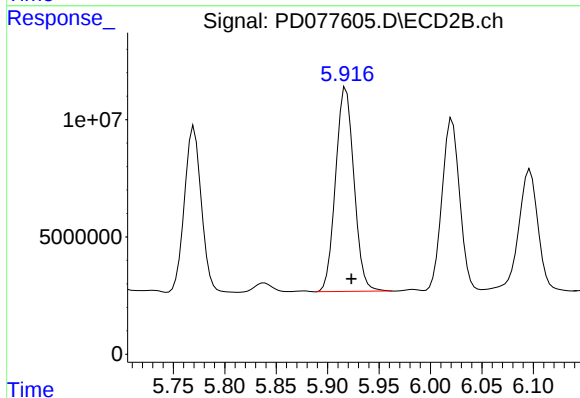
R.T.: 5.026 min
Delta R.T.: 0.000 min
Response: 184127053
Conc: 973.07 ng/ml



#27 Chlordane-5

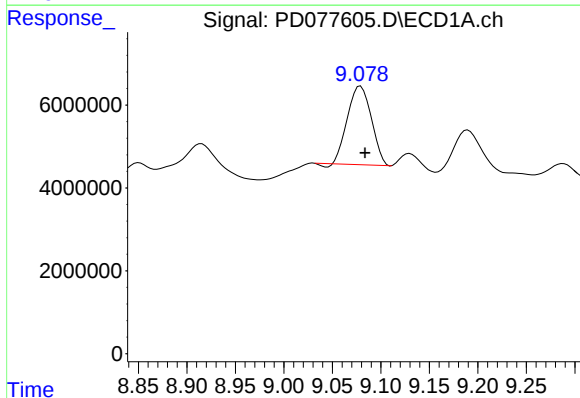
R.T.: 6.884 min
Delta R.T.: 0.000 min
Response: 22575949
Conc: 223.05 ng/ml

Instrument :
ECD_D
ClientSampleId :



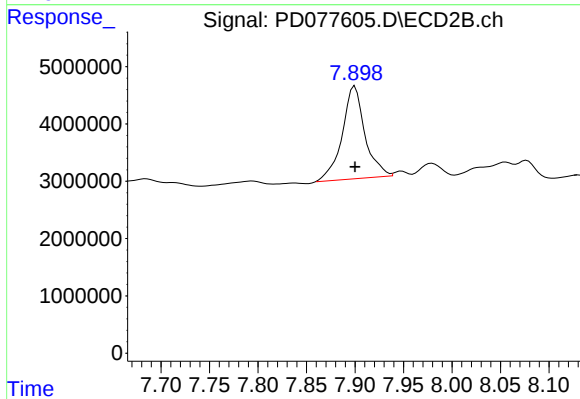
#27 Chlordane-5

R.T.: 5.918 min
Delta R.T.: -0.005 min
Response: 107886012
Conc: 1676.87 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.079 min
Delta R.T.: -0.005 min
Response: 32276908
Conc: 10.60 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.900 min
Delta R.T.: 0.000 min
Response: 26311905
Conc: 15.25 ng/ml