

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111323\
 Data File : PD079605.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Nov 2023 14:56
 Operator : AR\AJ
 Sample : 05311-01MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 09 20:08:55 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD102023.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 20 04:44:01 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...	3.569	2.804	27064404	43244239	16.762	18.678
28)	SA Decachlor...	9.117	7.950	30086106	44055787	14.998	18.074
Target Compounds							
2)	A alpha-BHC	4.026	3.307	124.0E6	180.8E6	46.585	52.141
3)	MA gamma-BHC...	4.359	3.636	121.1E6	177.2E6	46.593	52.170
4)	MA Heptachlor	4.953	3.979	119.6E6	166.9E6	44.706	54.634
5)	MB Aldrin	5.296	4.259	119.1E6	174.7E6	46.207	53.398
6)	B beta-BHC	4.553	3.931	50019958	72149108	46.678	51.202
7)	B delta-BHC	4.802	4.162	116.5E6	177.1E6	43.535	52.891
8)	B Heptachlo...	5.723	4.761	106.4E6	156.6E6	45.406	52.809
9)	A Endosulfan I	6.109	5.132	104.6E6	130.2E6	48.256	49.181
10)	B gamma-Chl...	5.978	5.011	107.5E6	140.6E6	46.890	48.998
11)	B alpha-Chl...	6.058	5.076	105.4E6	148.9E6	46.225	51.897
12)	B 4,4'-DDE	6.229	5.265	87240767	145.8E6	41.286	54.767 #
13)	MA Dieldrin	6.385	5.396	108.8E6	163.2E6	46.729	54.947
14)	MA Endrin	6.615	5.671	90268953	141.2E6	46.349	55.191
15)	B Endosulfa...	6.833	5.963	92820241	136.3E6	45.508	54.587
16)	A 4,4'-DDD	6.746	5.818	83595398	120.5E6	47.553	52.745
17)	MA 4,4'-DDT	7.062	6.070	86034595	122.7E6	45.433	53.578
18)	B Endrin al...	6.963	6.143	65767525	101.6E6	42.587	54.621 #
19)	B Endosulfa...	7.197	6.365	90238538	127.2E6	45.388	54.478
20)	A Methoxychlor	7.536	6.645	48225599	67363283	44.010	49.618
21)	B Endrin ke...	7.684	6.872	104.8E6	146.8E6	48.080	52.506
22)	Mirex	8.161	7.057	87708161	128.7E6	51.817	60.253
23)	Chlordane-1	4.718f	3.819	287879	7747016	3.703	89.195 #
24)	Chlordane-2	5.296f	4.396	119.1E6	45508	1491.547	0.501 #
25)	Chlordane-3	5.978	5.011	107.5E6	140.6E6	346.790	527.109 #
26)	Chlordane-4	6.058	5.076	105.4E6	148.9E6	283.700	606.965 #
27)	Chlordane-5	6.923	5.963	-50524	136.3E6	N.D.	1367.351

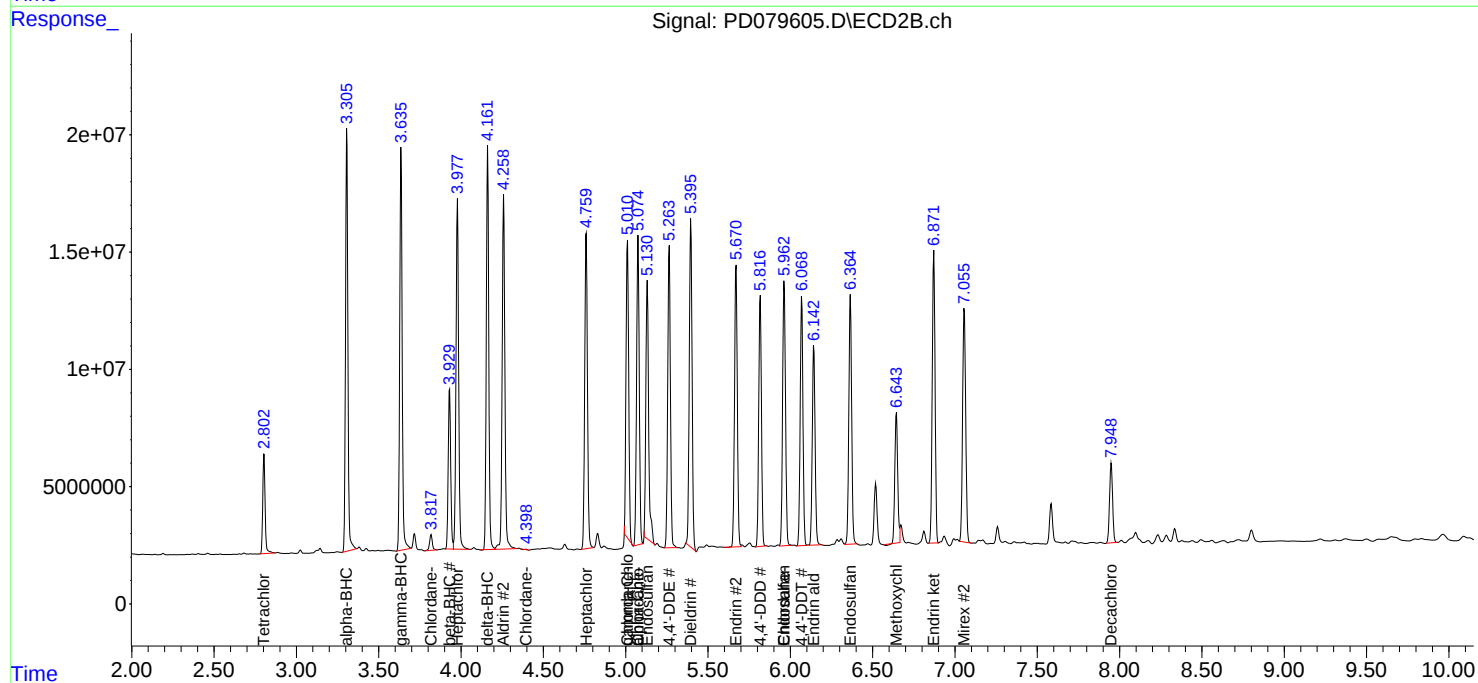
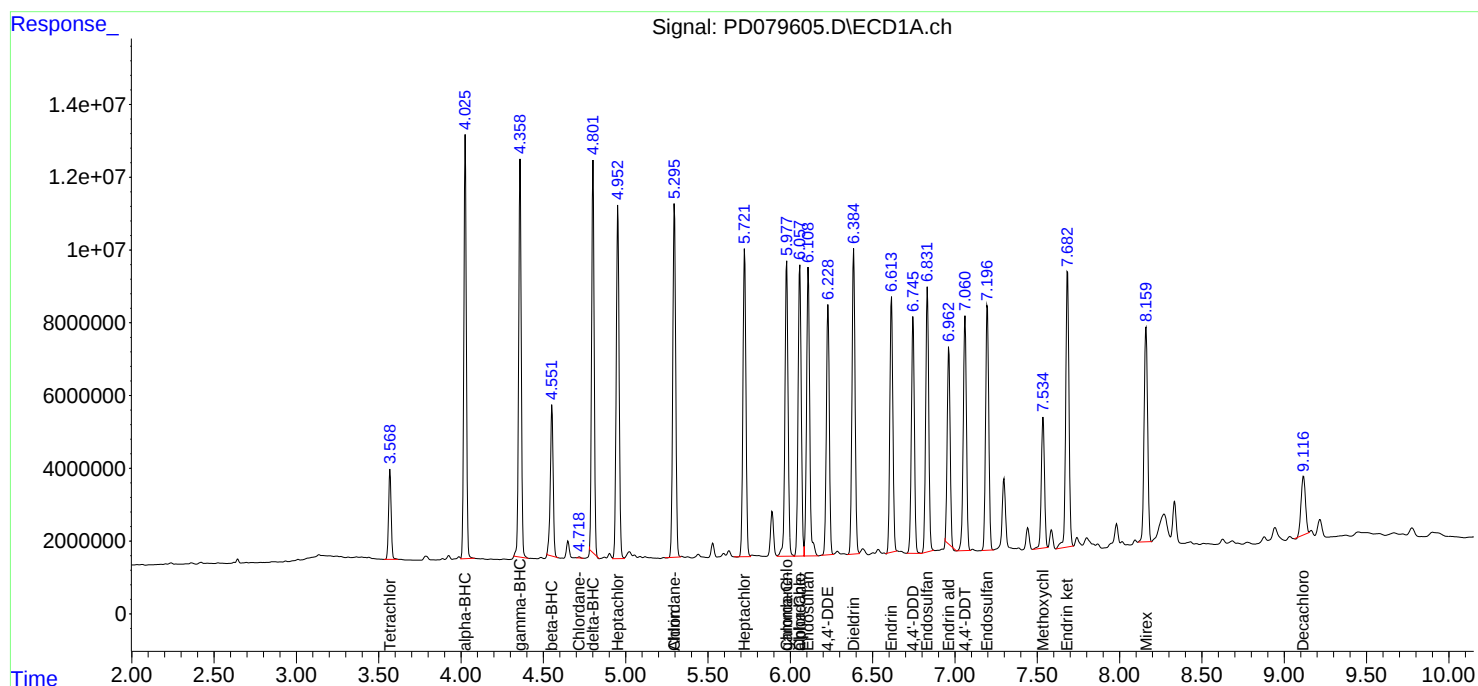
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

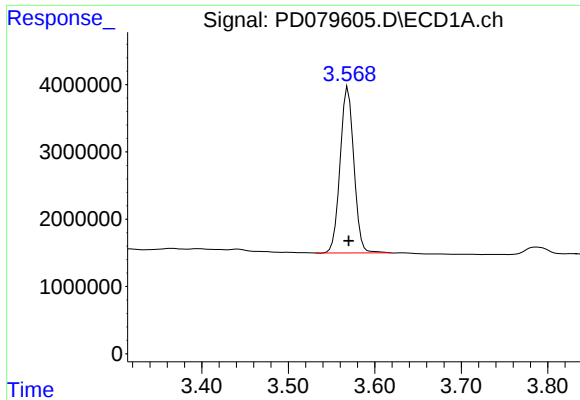
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111323\
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Volume Inj. : 1 µl
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Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

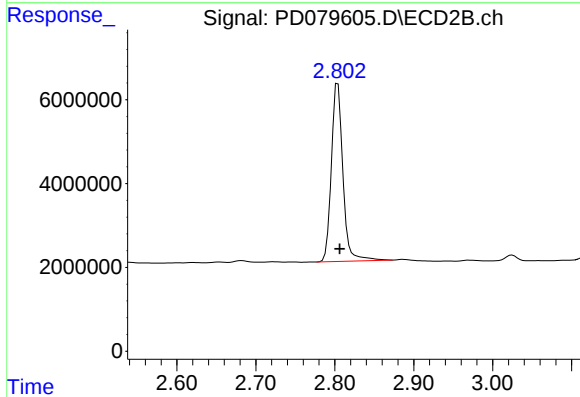




#1 Tetrachloro-m-xylene

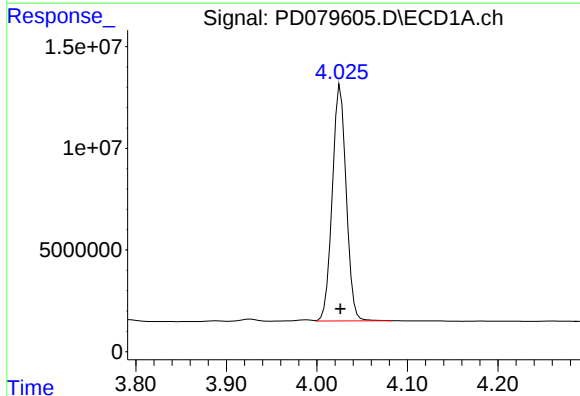
R.T.: 3.569 min
Delta R.T.: 0.000 min
Response: 27064404
Conc: 16.76 ng/ml

Instrument :
ECD_D
ClientSampleId :



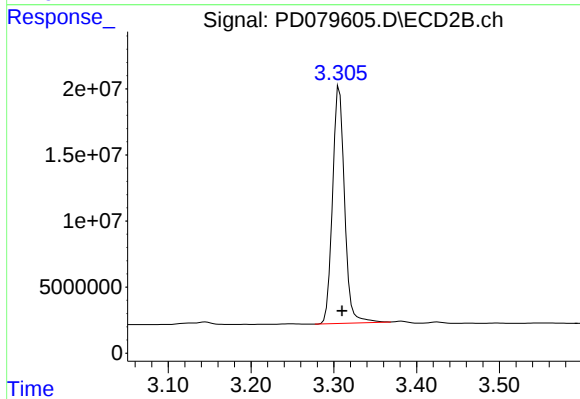
#1 Tetrachloro-m-xylene

R.T.: 2.804 min
Delta R.T.: -0.003 min
Response: 43244239
Conc: 18.68 ng/ml



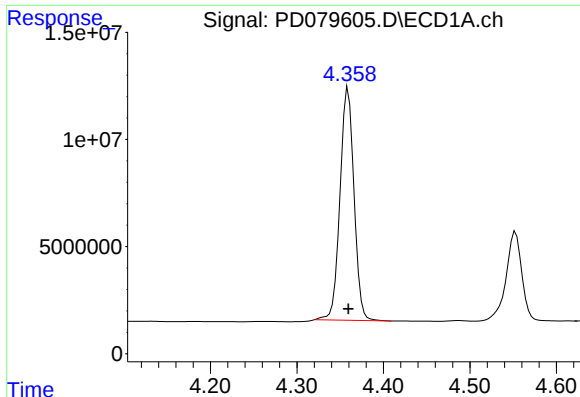
#2 alpha-BHC

R.T.: 4.026 min
Delta R.T.: 0.000 min
Response: 124012354
Conc: 46.58 ng/ml



#2 alpha-BHC

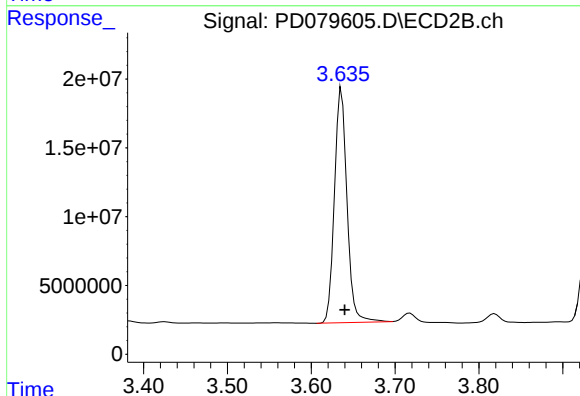
R.T.: 3.307 min
Delta R.T.: -0.003 min
Response: 180795133
Conc: 52.14 ng/ml



#3 gamma-BHC (Lindane)

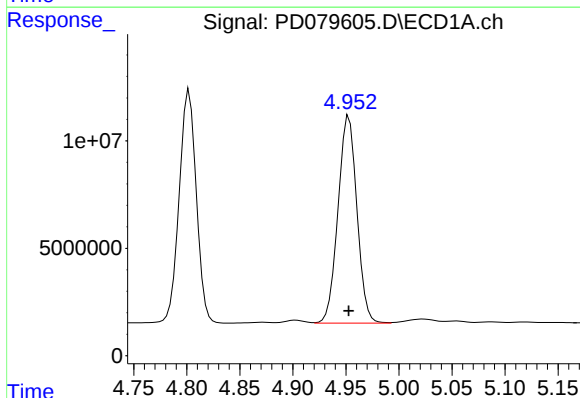
R.T.: 4.359 min
Delta R.T.: 0.000 min
Response: 121088530
Conc: 46.59 ng/ml

Instrument :
ECD_D
ClientSampleId :



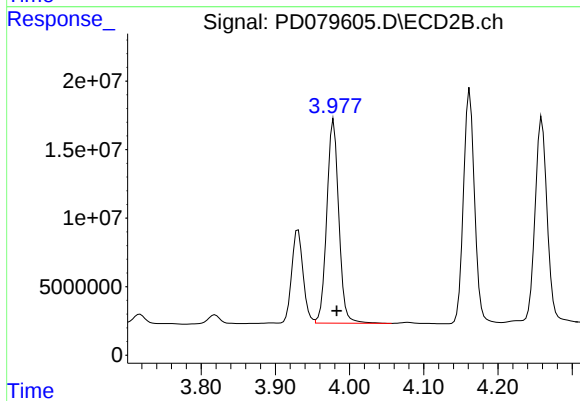
#3 gamma-BHC (Lindane)

R.T.: 3.636 min
Delta R.T.: -0.004 min
Response: 177159129
Conc: 52.17 ng/ml



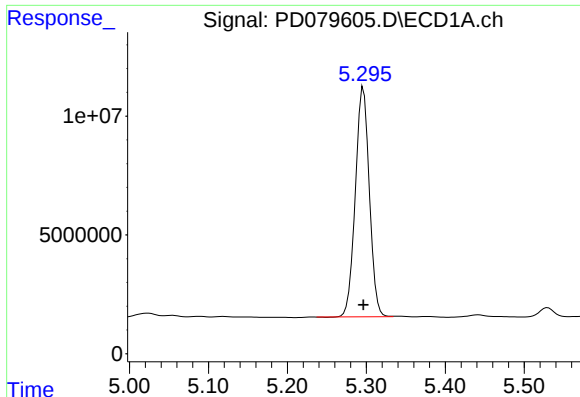
#4 Heptachlor

R.T.: 4.953 min
Delta R.T.: 0.000 min
Response: 119586308
Conc: 44.71 ng/ml



#4 Heptachlor

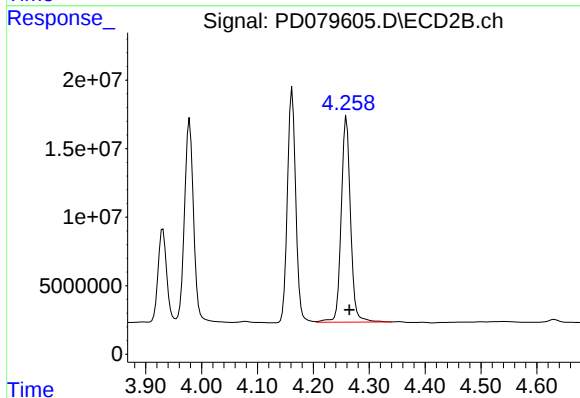
R.T.: 3.979 min
Delta R.T.: -0.004 min
Response: 166858255
Conc: 54.63 ng/ml



#5 Aldrin

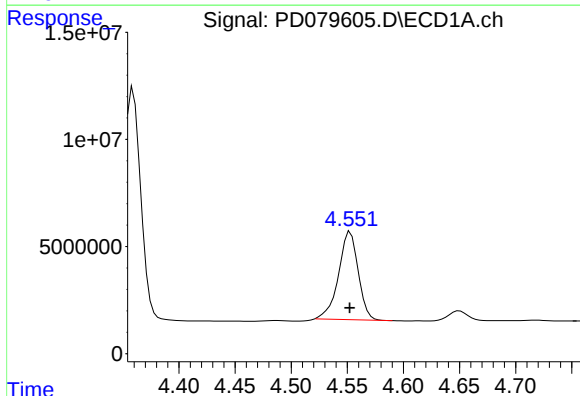
R.T.: 5.296 min
Delta R.T.: 0.000 min
Response: 119067136
Conc: 46.21 ng/ml

Instrument :
ECD_D
ClientSampleId :



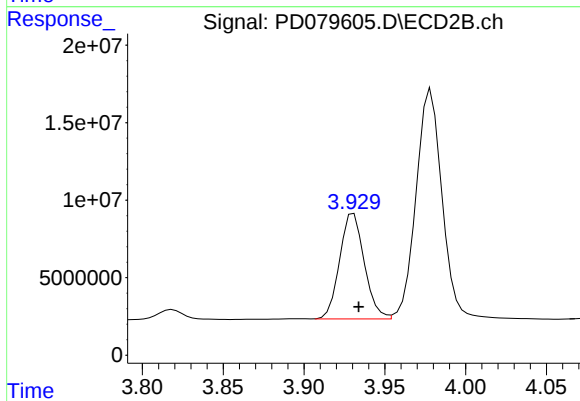
#5 Aldrin

R.T.: 4.259 min
Delta R.T.: -0.005 min
Response: 174683608
Conc: 53.40 ng/ml



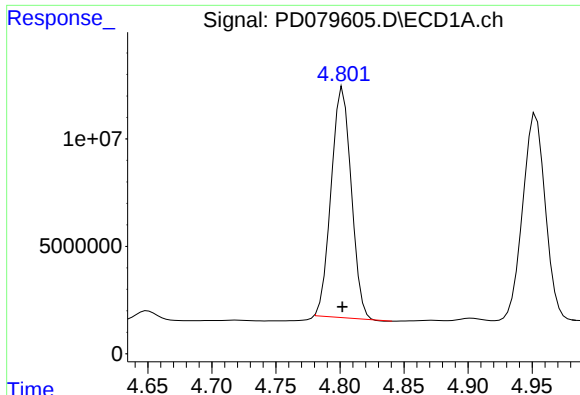
#6 beta-BHC

R.T.: 4.553 min
Delta R.T.: 0.000 min
Response: 50019958
Conc: 46.68 ng/ml



#6 beta-BHC

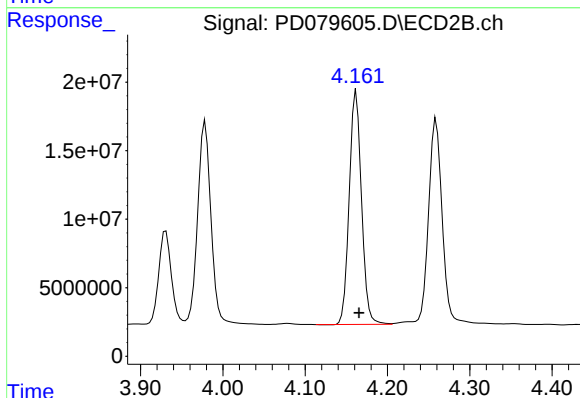
R.T.: 3.931 min
Delta R.T.: -0.003 min
Response: 72149108
Conc: 51.20 ng/ml



#7 delta-BHC

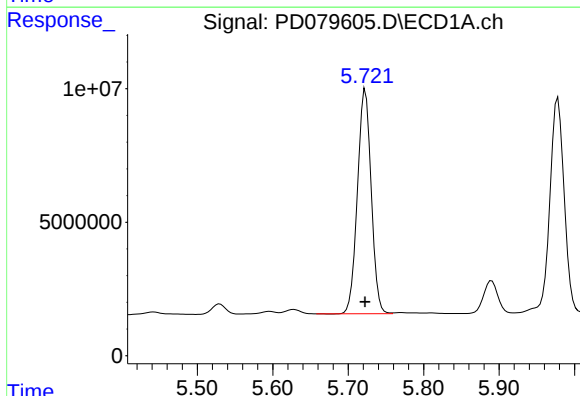
R.T.: 4.802 min
Delta R.T.: 0.000 min
Response: 116544538
Conc: 43.53 ng/ml

Instrument :
ECD_D
ClientSampleId :



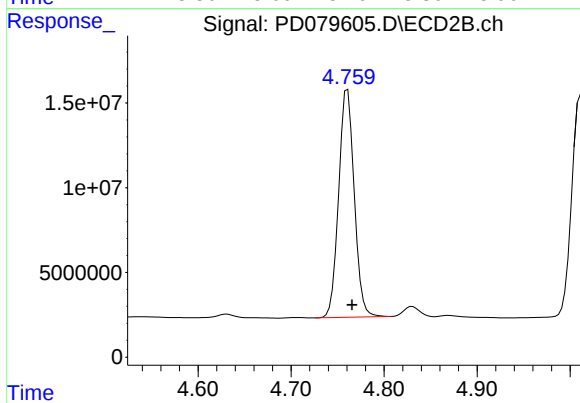
#7 delta-BHC

R.T.: 4.162 min
Delta R.T.: -0.003 min
Response: 177090782
Conc: 52.89 ng/ml



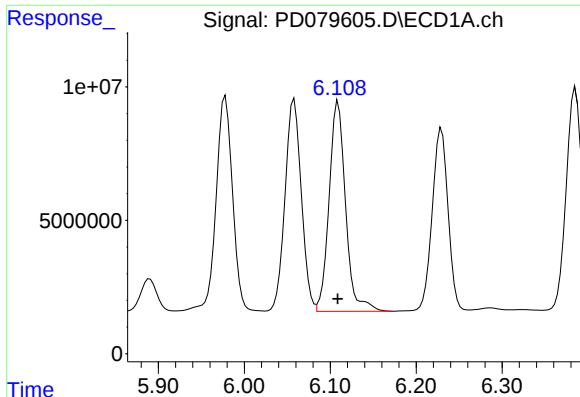
#8 Heptachlor epoxide

R.T.: 5.723 min
Delta R.T.: 0.000 min
Response: 106418052
Conc: 45.41 ng/ml



#8 Heptachlor epoxide

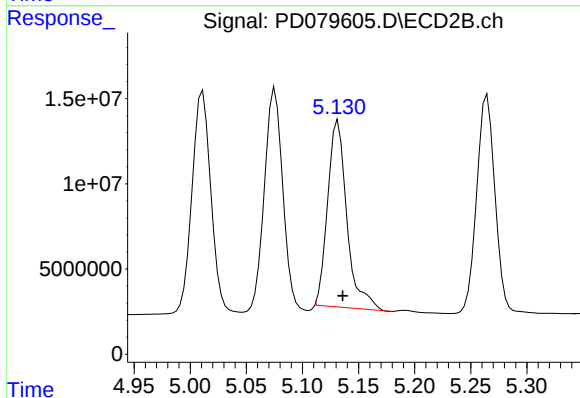
R.T.: 4.761 min
Delta R.T.: -0.005 min
Response: 156563026
Conc: 52.81 ng/ml



#9 Endosulfan I

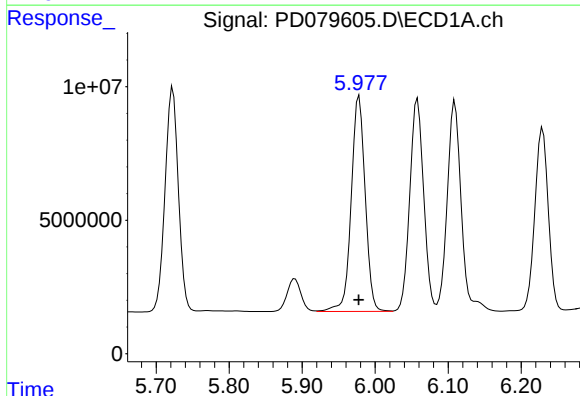
R.T.: 6.109 min
Delta R.T.: 0.000 min
Response: 104616472
Conc: 48.26 ng/ml

Instrument :
ECD_D
ClientSampleId :



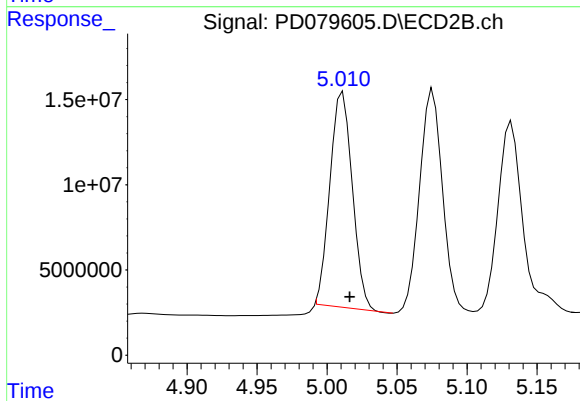
#9 Endosulfan I

R.T.: 5.132 min
Delta R.T.: -0.004 min
Response: 130216136
Conc: 49.18 ng/ml



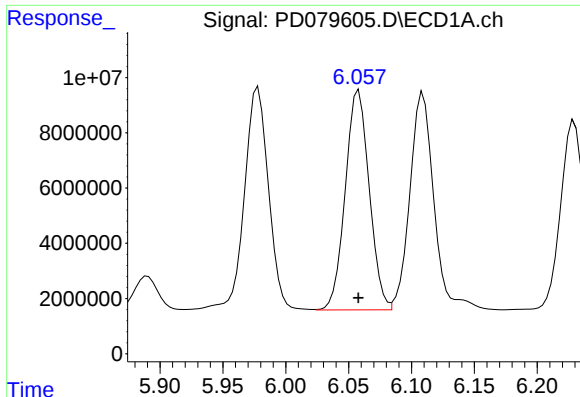
#10 gamma-Chlordane

R.T.: 5.978 min
Delta R.T.: 0.000 min
Response: 107506412
Conc: 46.89 ng/ml



#10 gamma-Chlordane

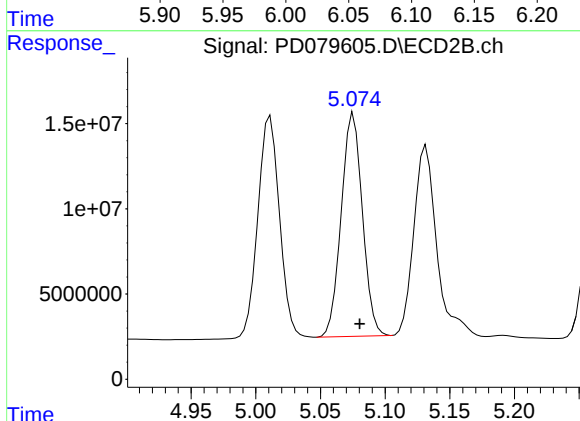
R.T.: 5.011 min
Delta R.T.: -0.005 min
Response: 140596735
Conc: 49.00 ng/ml



#11 alpha-Chlordane

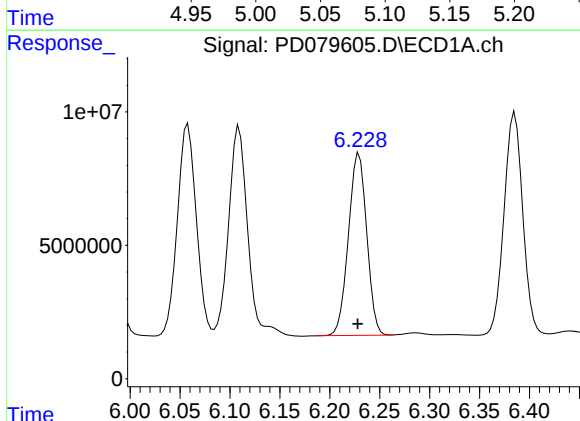
R.T.: 6.058 min
Delta R.T.: 0.000 min
Response: 105401323
Conc: 46.22 ng/ml

Instrument :
ECD_D
ClientSampleId :



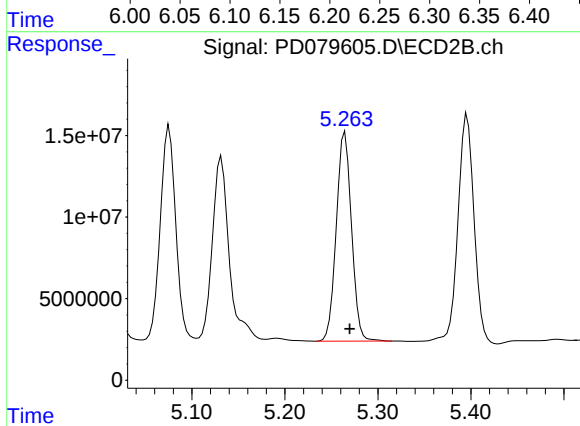
#11 alpha-Chlordane

R.T.: 5.076 min
Delta R.T.: -0.005 min
Response: 148936401
Conc: 51.90 ng/ml



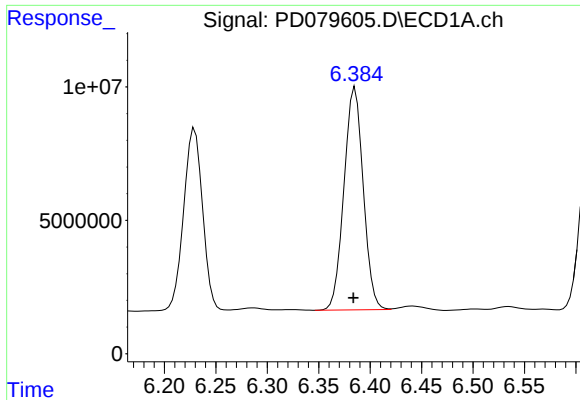
#12 4,4'-DDE

R.T.: 6.229 min
Delta R.T.: 0.001 min
Response: 87240767
Conc: 41.29 ng/ml



#12 4,4'-DDE

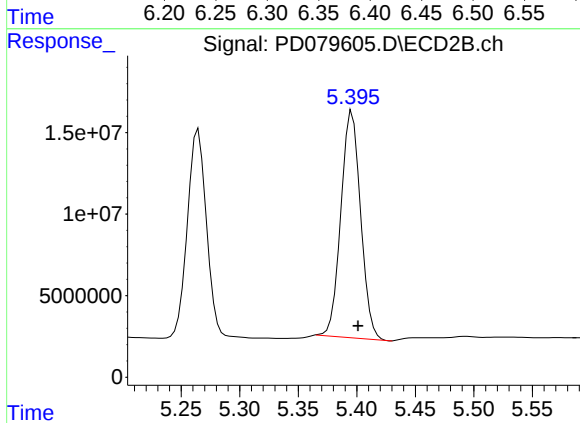
R.T.: 5.265 min
Delta R.T.: -0.005 min
Response: 145810256
Conc: 54.77 ng/ml



#13 Dieldrin

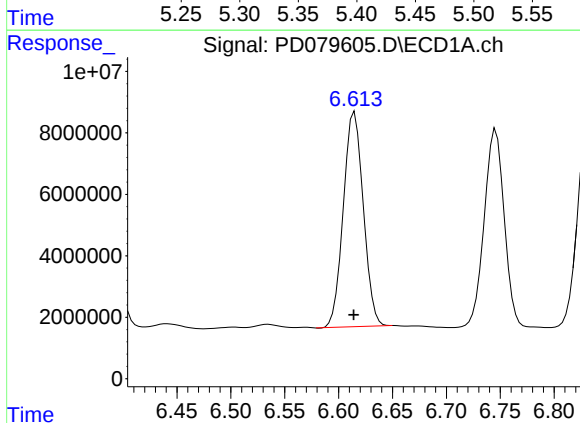
R.T.: 6.385 min
Delta R.T.: 0.001 min
Response: 108825292
Conc: 46.73 ng/ml

Instrument :
ECD_D
ClientSampleId :



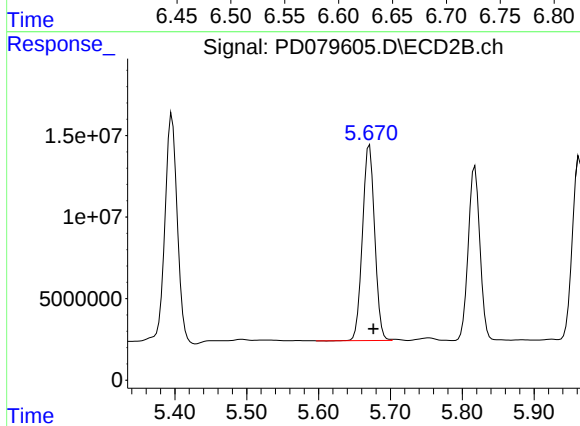
#13 Dieldrin

R.T.: 5.396 min
Delta R.T.: -0.005 min
Response: 163185939
Conc: 54.95 ng/ml



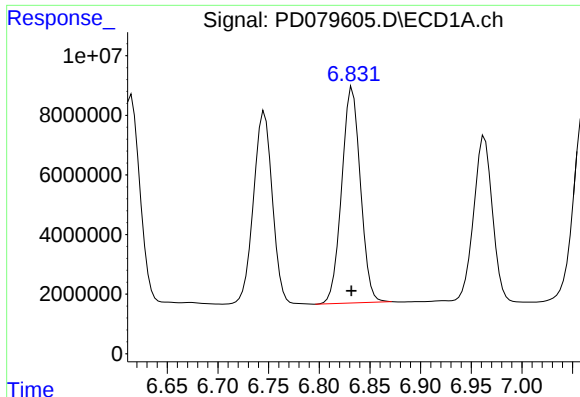
#14 Endrin

R.T.: 6.615 min
Delta R.T.: 0.000 min
Response: 90268953
Conc: 46.35 ng/ml



#14 Endrin

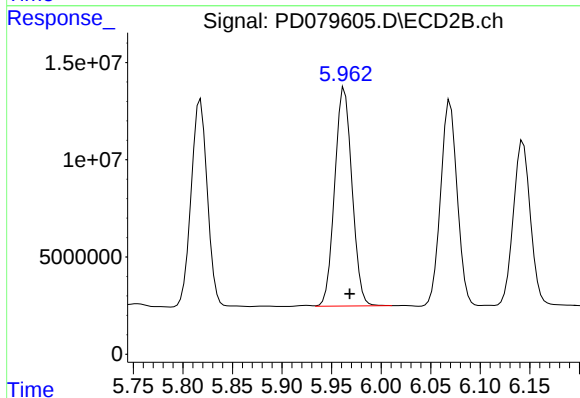
R.T.: 5.671 min
Delta R.T.: -0.005 min
Response: 141241288
Conc: 55.19 ng/ml



#15 Endosulfan II

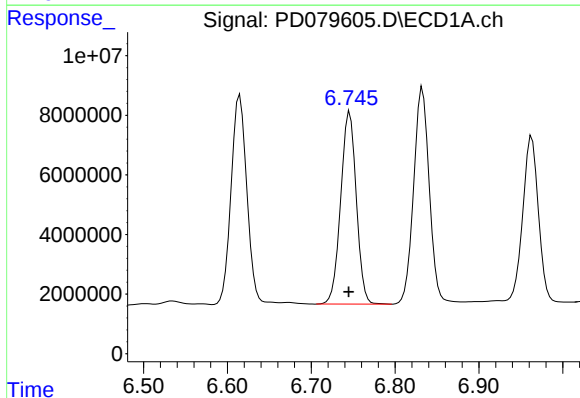
R.T.: 6.833 min
Delta R.T.: 0.000 min
Response: 92820241
Conc: 45.51 ng/ml

Instrument :
ECD_D
ClientSampleId :



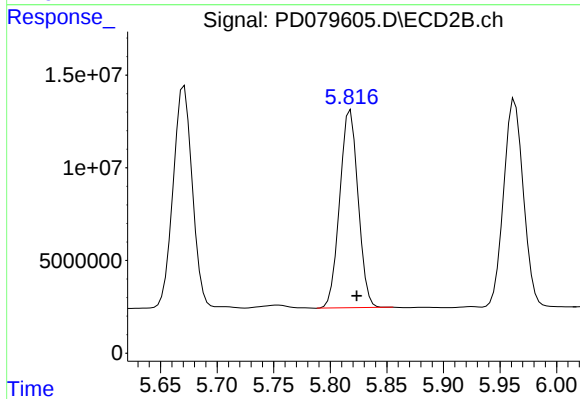
#15 Endosulfan II

R.T.: 5.963 min
Delta R.T.: -0.005 min
Response: 136275932
Conc: 54.59 ng/ml



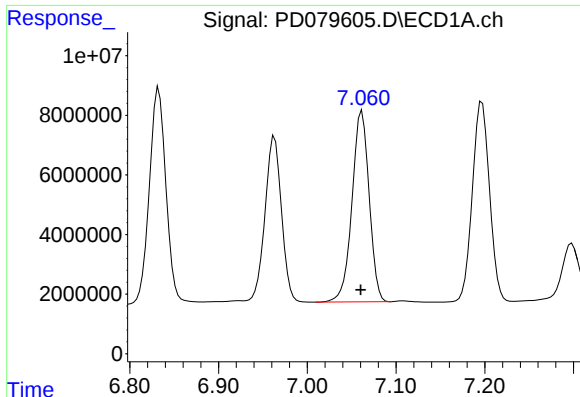
#16 4,4'-DDD

R.T.: 6.746 min
Delta R.T.: 0.001 min
Response: 83595398
Conc: 47.55 ng/ml



#16 4,4'-DDD

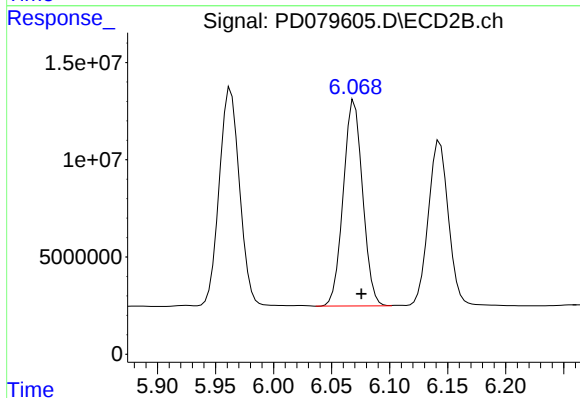
R.T.: 5.818 min
Delta R.T.: -0.005 min
Response: 120484027
Conc: 52.75 ng/ml



#17 4,4'-DDT

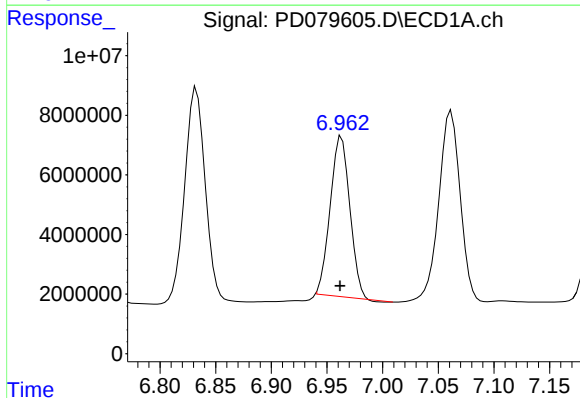
R.T.: 7.062 min
Delta R.T.: 0.002 min
Response: 86034595
Conc: 45.43 ng/ml

Instrument :
ECD_D
ClientSampleId :



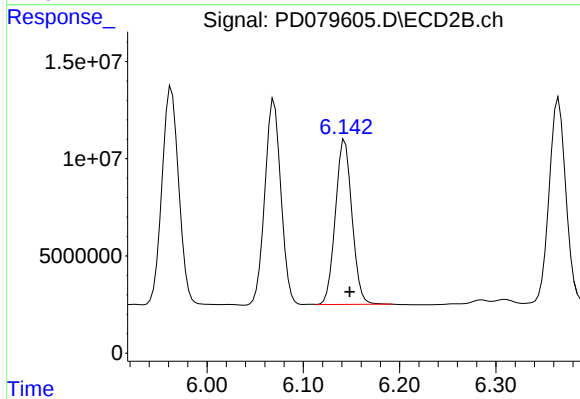
#17 4,4'-DDT

R.T.: 6.070 min
Delta R.T.: -0.006 min
Response: 122660673
Conc: 53.58 ng/ml



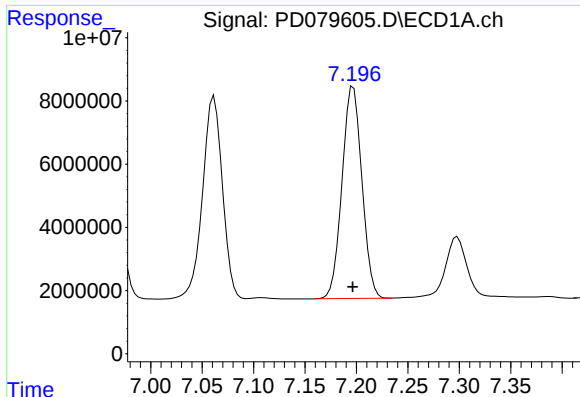
#18 Endrin aldehyde

R.T.: 6.963 min
Delta R.T.: 0.001 min
Response: 65767525
Conc: 42.59 ng/ml



#18 Endrin aldehyde

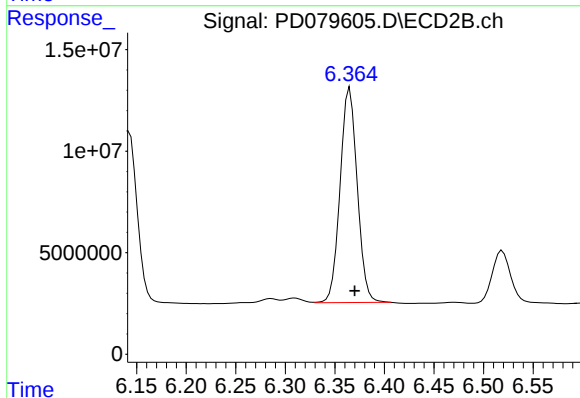
R.T.: 6.143 min
Delta R.T.: -0.005 min
Response: 101556706
Conc: 54.62 ng/ml



#19 Endosulfan Sulfate

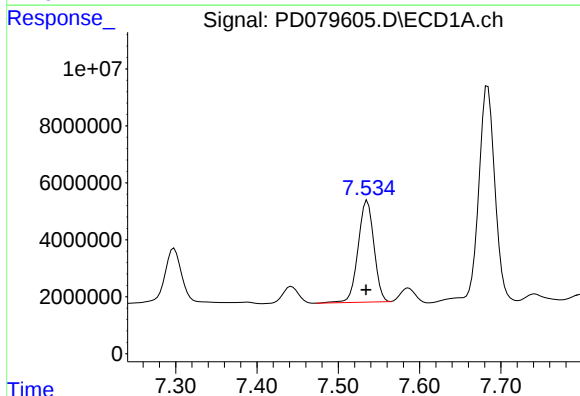
R.T.: 7.197 min
Delta R.T.: 0.000 min
Response: 90238538
Conc: 45.39 ng/ml

Instrument :
ECD_D
ClientSampleId :



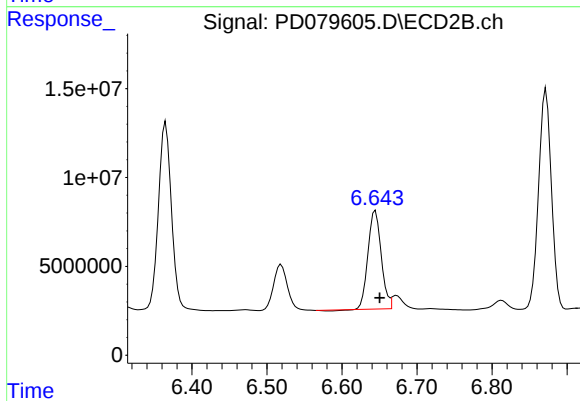
#19 Endosulfan Sulfate

R.T.: 6.365 min
Delta R.T.: -0.005 min
Response: 127197826
Conc: 54.48 ng/ml



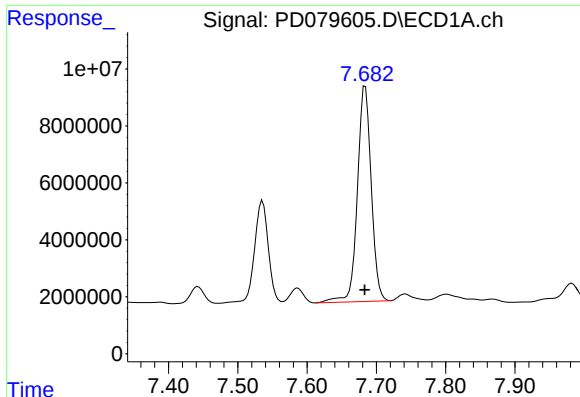
#20 Methoxychlor

R.T.: 7.536 min
Delta R.T.: 0.002 min
Response: 48225599
Conc: 44.01 ng/ml



#20 Methoxychlor

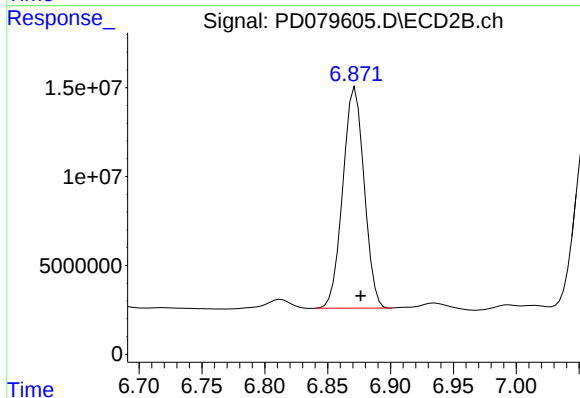
R.T.: 6.645 min
Delta R.T.: -0.006 min
Response: 67363283
Conc: 49.62 ng/ml



#21 Endrin ketone

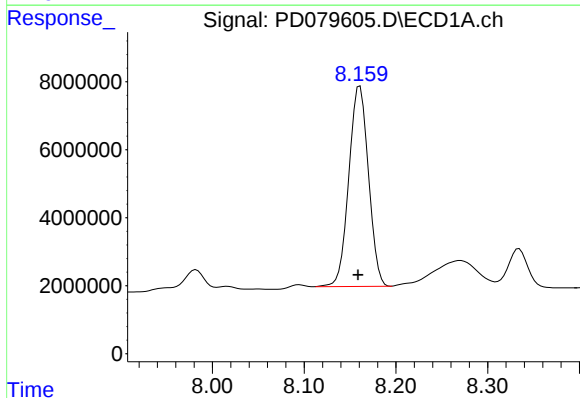
R.T.: 7.684 min
Delta R.T.: 0.000 min
Response: 104823227
Conc: 48.08 ng/ml

Instrument :
ECD_D
ClientSampleId :



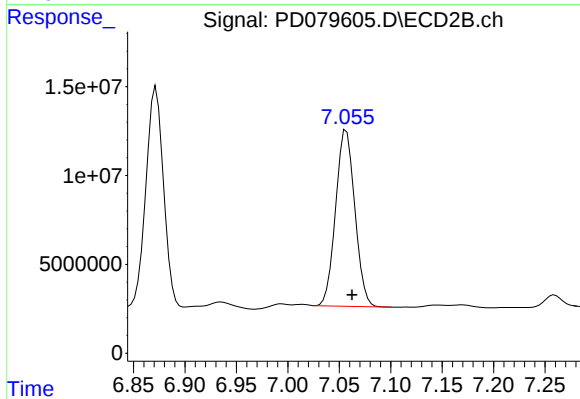
#21 Endrin ketone

R.T.: 6.872 min
Delta R.T.: -0.004 min
Response: 146793426
Conc: 52.51 ng/ml



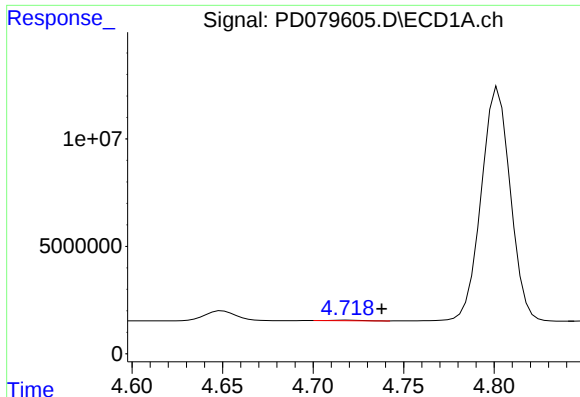
#22 Mirex

R.T.: 8.161 min
Delta R.T.: 0.002 min
Response: 87708161
Conc: 51.82 ng/ml



#22 Mirex

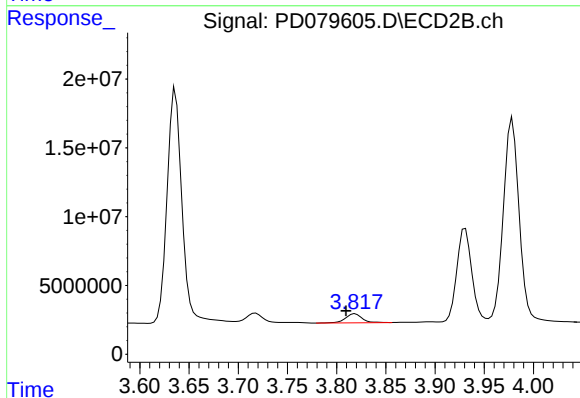
R.T.: 7.057 min
Delta R.T.: -0.006 min
Response: 128719711
Conc: 60.25 ng/ml



#23 Chlordane-1

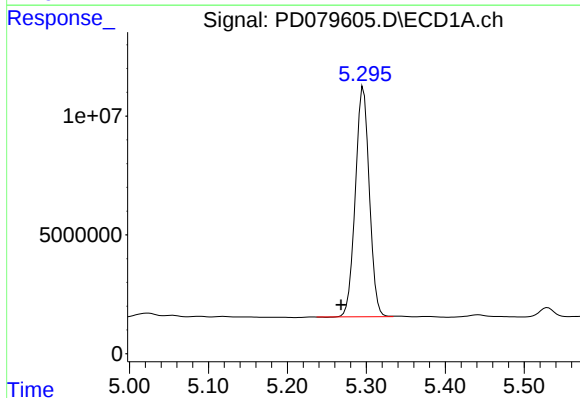
R.T.: 4.718 min
Delta R.T.: -0.020 min
Response: 287879
Conc: 3.70 ng/ml

Instrument :
ECD_D
ClientSampleId :



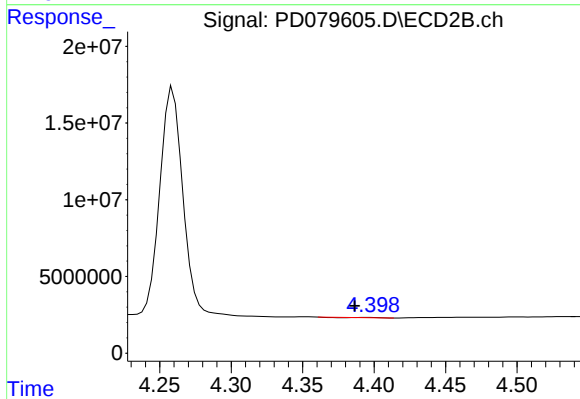
#23 Chlordane-1

R.T.: 3.819 min
Delta R.T.: 0.009 min
Response: 7747016
Conc: 89.19 ng/ml



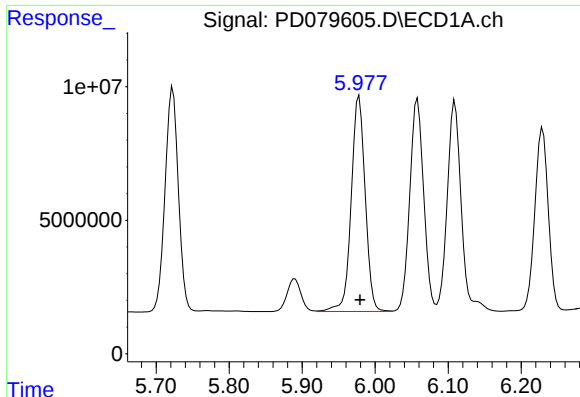
#24 Chlordane-2

R.T.: 5.296 min
Delta R.T.: 0.028 min
Response: 119067136
Conc: 1491.55 ng/ml



#24 Chlordane-2

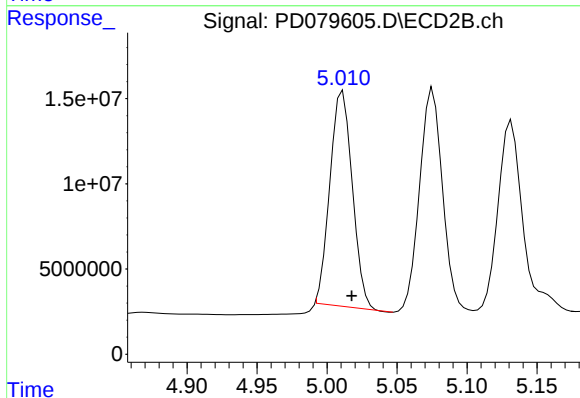
R.T.: 4.396 min
Delta R.T.: 0.010 min
Response: 45508
Conc: 0.50 ng/ml



#25 Chlordane-3

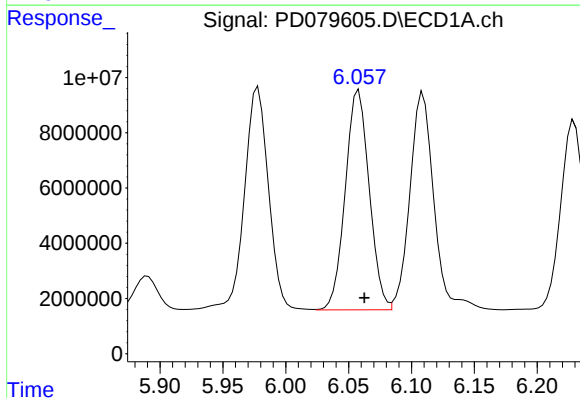
R.T.: 5.978 min
Delta R.T.: -0.001 min
Response: 107506412
Conc: 346.79 ng/ml

Instrument :
ECD_D
ClientSampleId :



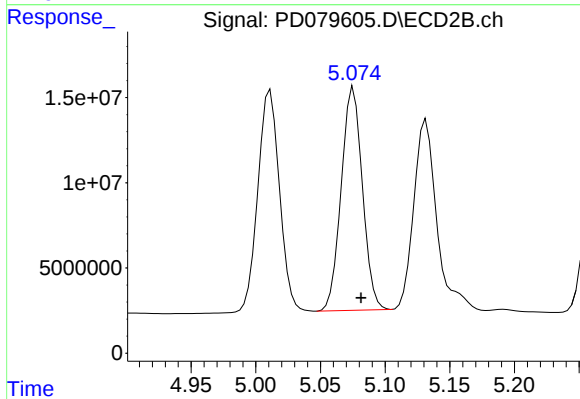
#25 Chlordane-3

R.T.: 5.011 min
Delta R.T.: -0.006 min
Response: 140596735
Conc: 527.11 ng/ml



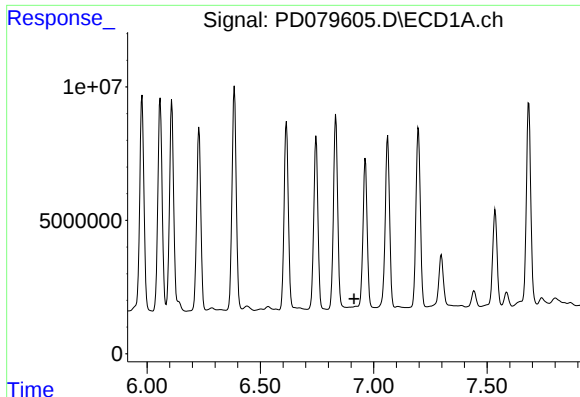
#26 Chlordane-4

R.T.: 6.058 min
Delta R.T.: -0.004 min
Response: 105401323
Conc: 283.70 ng/ml



#26 Chlordane-4

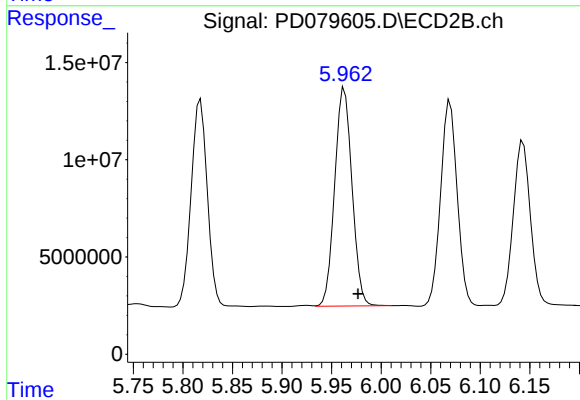
R.T.: 5.076 min
Delta R.T.: -0.006 min
Response: 148936401
Conc: 606.96 ng/ml



#27 Chlordane-5

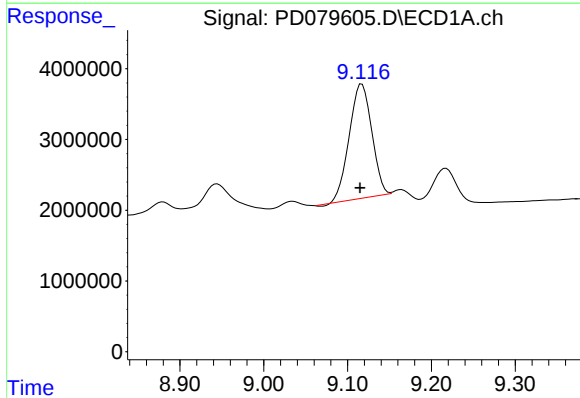
R.T.: 6.923 min
Delta R.T.: 0.010 min
Response: -50524
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



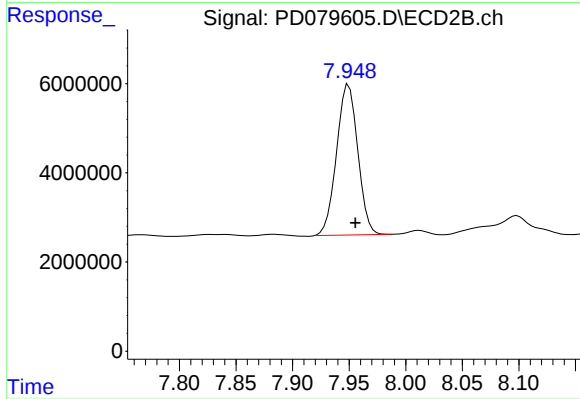
#27 Chlordane-5

R.T.: 5.963 min
Delta R.T.: -0.014 min
Response: 136275932
Conc: 1367.35 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.117 min
Delta R.T.: 0.002 min
Response: 30086106
Conc: 15.00 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.950 min
Delta R.T.: -0.006 min
Response: 44055787
Conc: 18.07 ng/ml