

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD082021\
 Data File : PD065079.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Aug 2021 00:24
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 20 08:59:14 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD082021.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 20 02:25:41 2021
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.495	4.013	20397636	159.9E6	19.844	20.185
28)	SA Decachlor...	8.240	9.082	24744853	96896763	21.839	20.475
Target Compounds							
2)	A alpha-BHC	3.935	4.407	14294489	121.4E6	9.988	10.446
3)	MA gamma-BHC...	4.218	4.694	14229191	108.9E6	10.371	10.279
4)	MA Heptachlor	0.000	5.174f	0	11338254	N.D.	1.131 #
6)	B beta-BHC	4.466	4.870	7642805	57540722	3.151	9.797 #
14)	MA Endrin	6.046	6.727	51866792	295.0E6	49.425	47.925
16)	A 4,4'-DDD	6.170	6.851	182318	2817071	0.193	0.479 #
17)	MA 4,4'-DDT	6.408	7.147	97226658	562.9E6	97.765	93.863
20)	A Methoxychlor	6.954	7.607	135.3E6	673.7E6	229.487	222.634
21)	B Endrin ke...	7.190	7.760	1068135	4675074	0.838	0.719
23)	Chlordane-1	4.394f	0.000	1986255	0	52.447	N.D. #

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

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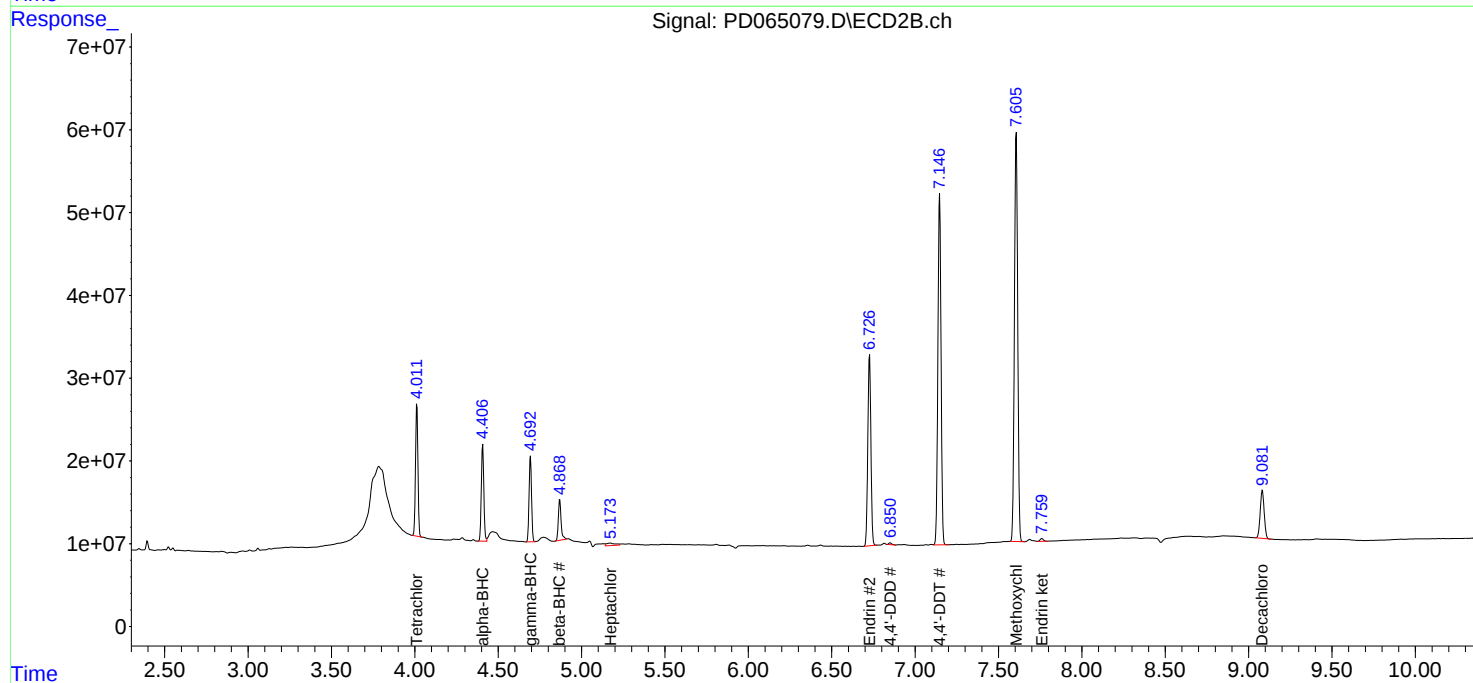
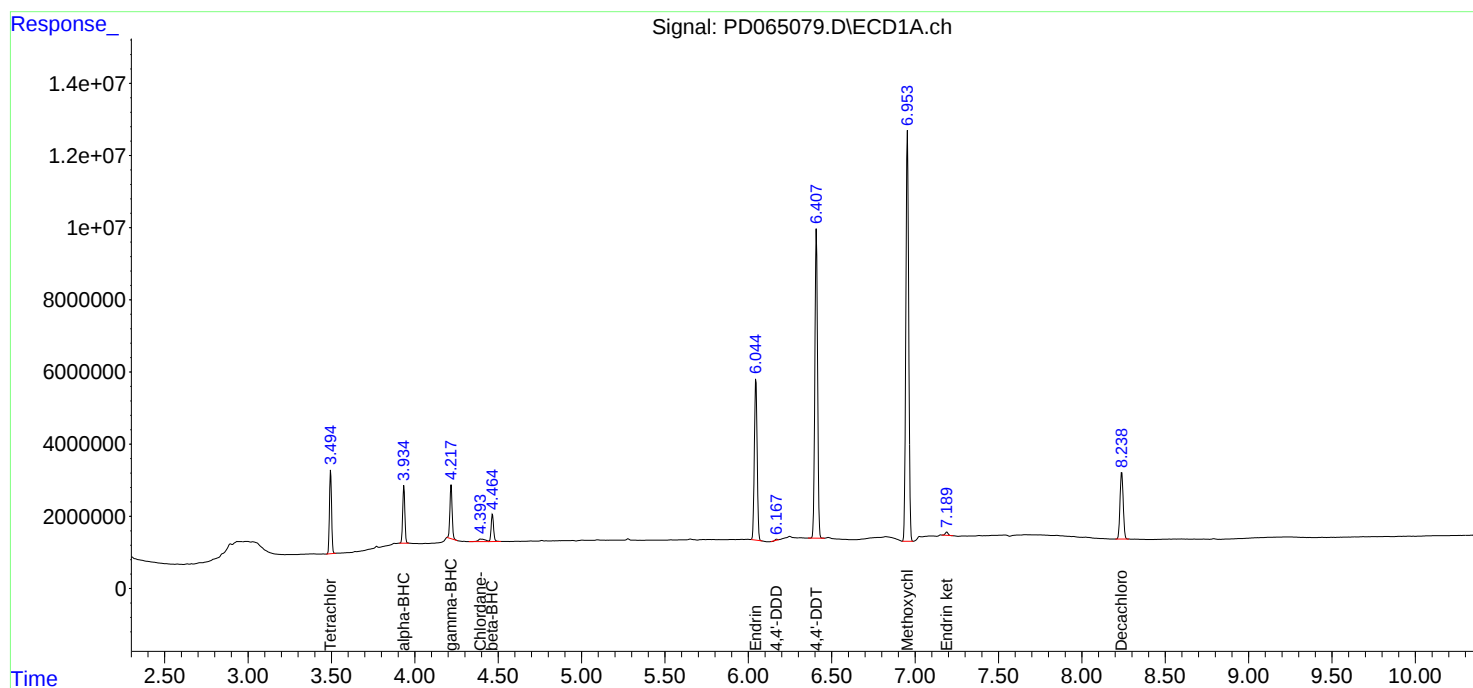
Instrument :
ECD_D
ClientSampled :
PEM

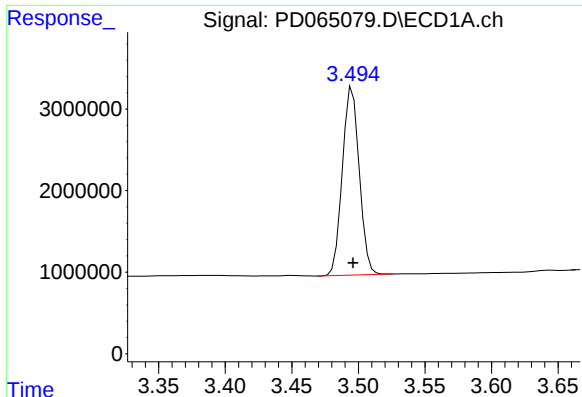
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
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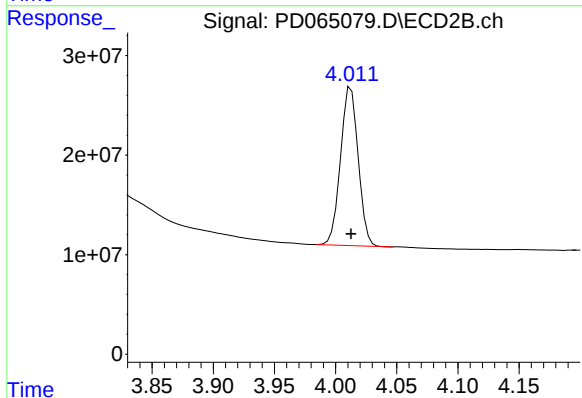
#1 Tetrachloro-m-xylene

R.T.: 3.495 min
Delta R.T.: 0.000 min
Response: 20397636
Conc: 19.84 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

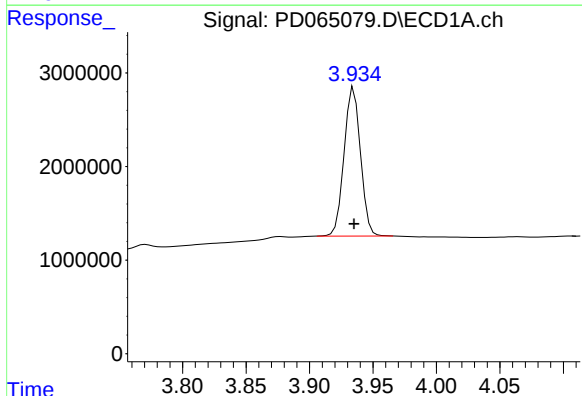
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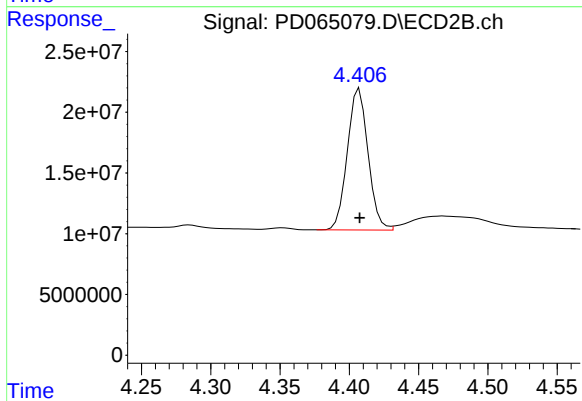
#1 Tetrachloro-m-xylene

R.T.: 4.013 min
Delta R.T.: 0.000 min
Response: 159878672
Conc: 20.18 ng/ml



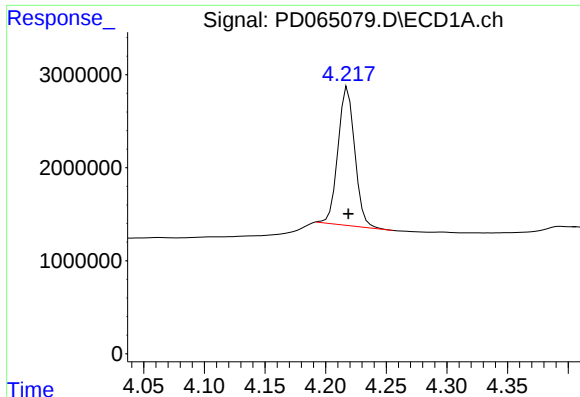
#2 alpha-BHC

R.T.: 3.935 min
Delta R.T.: 0.000 min
Response: 14294489
Conc: 9.99 ng/ml



#2 alpha-BHC

R.T.: 4.407 min
Delta R.T.: 0.000 min
Response: 121351673
Conc: 10.45 ng/ml



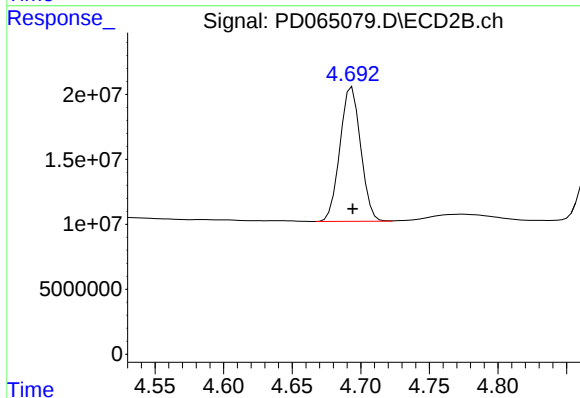
#3 gamma-BHC (Lindane)

R.T.: 4.218 min
Delta R.T.: 0.000 min
Response: 14229191
Conc: 10.37 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

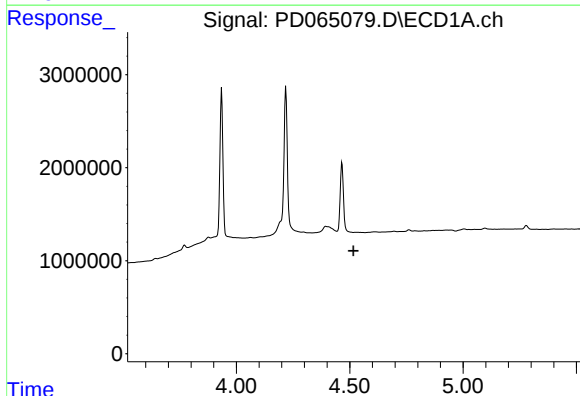
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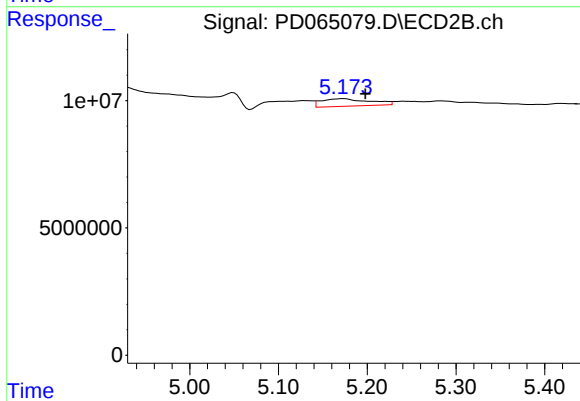
#3 gamma-BHC (Lindane)

R.T.: 4.694 min
Delta R.T.: 0.000 min
Response: 108888847
Conc: 10.28 ng/ml



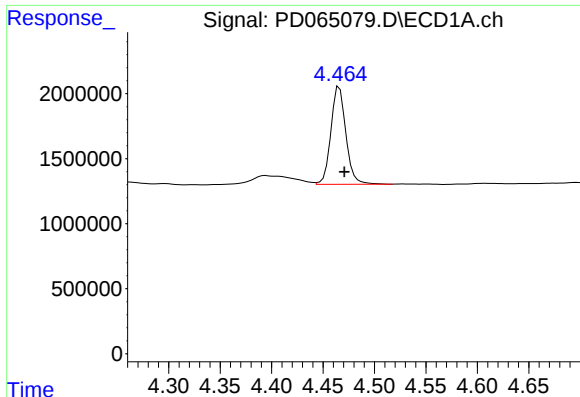
#4 Heptachlor

R.T.: 0.000 min
Exp R.T. : 4.517 min
Response: 0
Conc: N.D.



#4 Heptachlor

R.T.: 5.174 min
Delta R.T.: -0.024 min
Response: 11338254
Conc: 1.13 ng/ml



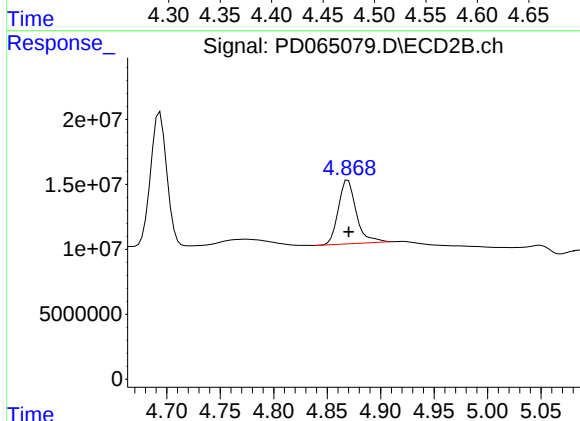
#6 beta-BHC

R.T.: 4.466 min
Delta R.T.: -0.005 min
Response: 7642805
Conc: 3.15 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

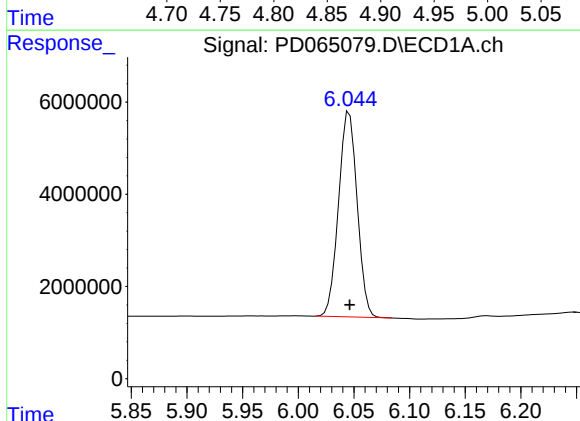
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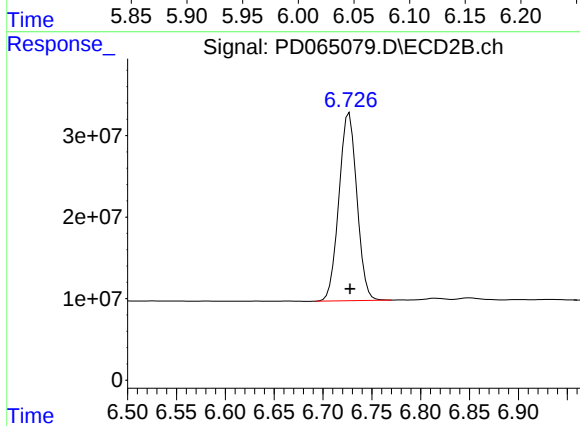
#6 beta-BHC

R.T.: 4.870 min
Delta R.T.: 0.000 min
Response: 57540722
Conc: 9.80 ng/ml



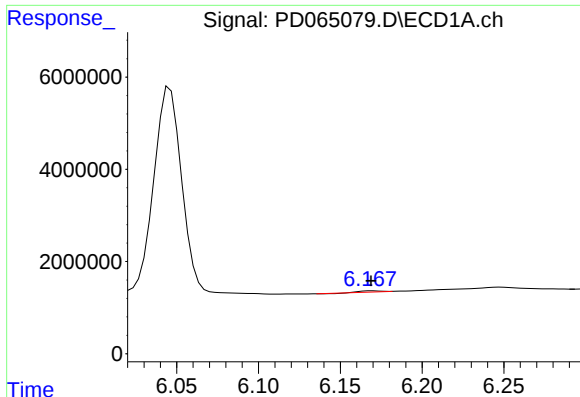
#14 Endrin

R.T.: 6.046 min
Delta R.T.: 0.000 min
Response: 51866792
Conc: 49.43 ng/ml



#14 Endrin

R.T.: 6.727 min
Delta R.T.: 0.000 min
Response: 294970928
Conc: 47.93 ng/ml



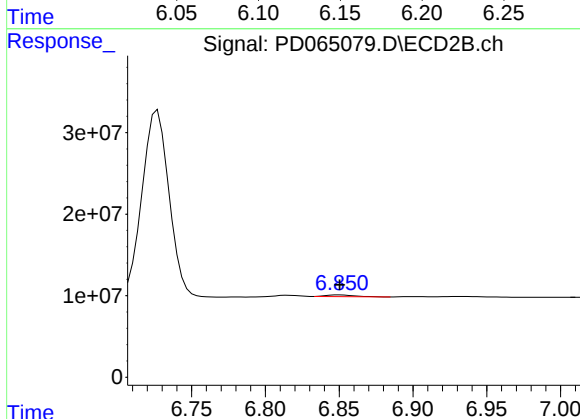
#16 4,4'-DDD

R.T.: 6.170 min
Delta R.T.: 0.001 min
Response: 182318
Conc: 0.19 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

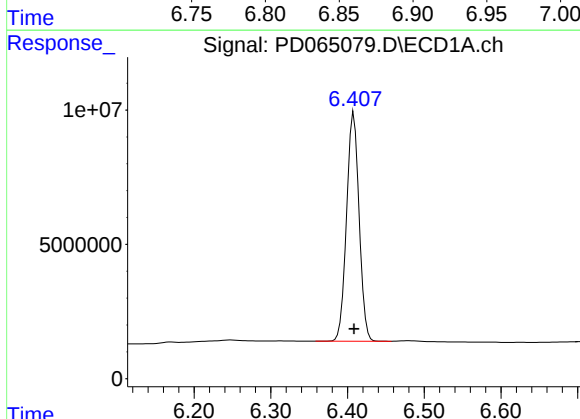
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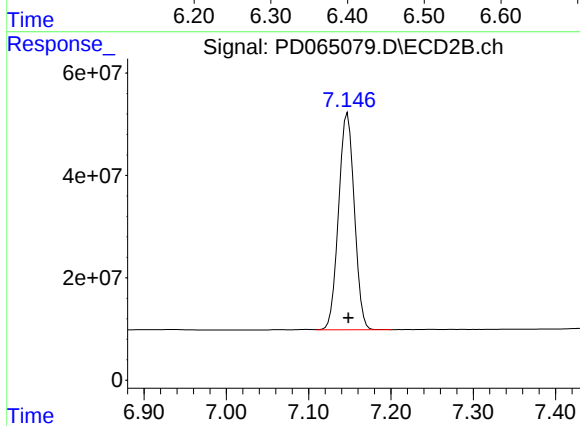
#16 4,4'-DDD

R.T.: 6.851 min
Delta R.T.: 0.000 min
Response: 2817071
Conc: 0.48 ng/ml



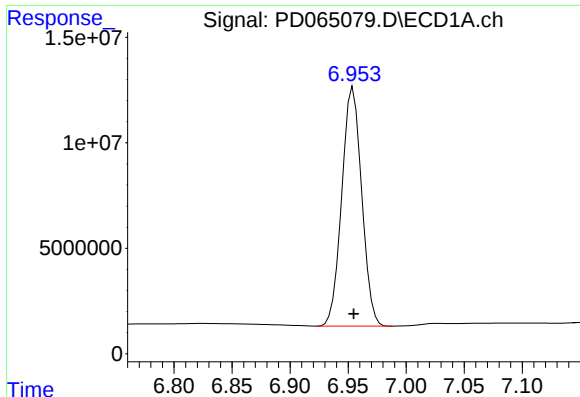
#17 4,4'-DDT

R.T.: 6.408 min
Delta R.T.: 0.000 min
Response: 97226658
Conc: 97.76 ng/ml



#17 4,4'-DDT

R.T.: 7.147 min
Delta R.T.: 0.000 min
Response: 562888529
Conc: 93.86 ng/ml



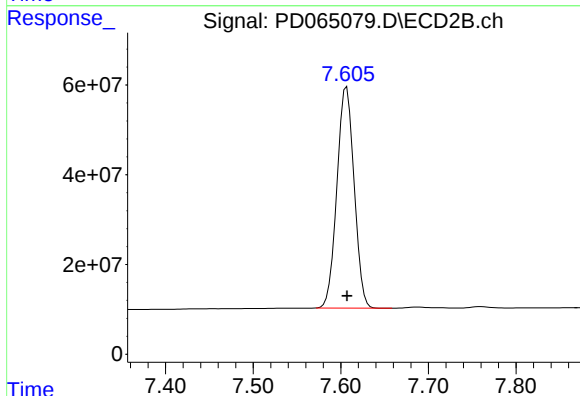
#20 Methoxychlor

R.T.: 6.954 min
Delta R.T.: 0.000 min
Response: 135264478
Conc: 229.49 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

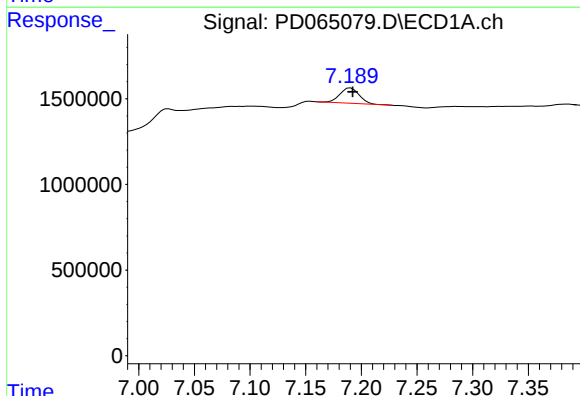
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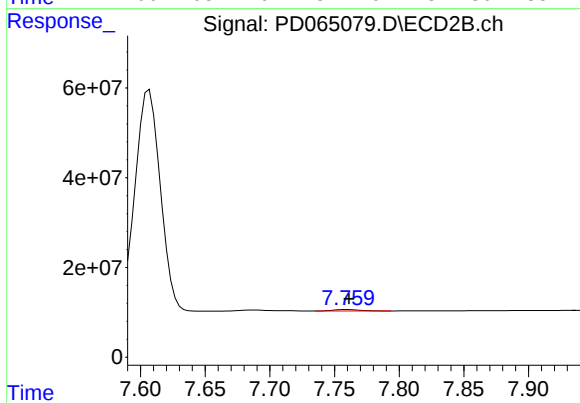
#20 Methoxychlor

R.T.: 7.607 min
Delta R.T.: 0.000 min
Response: 673714867
Conc: 222.63 ng/ml



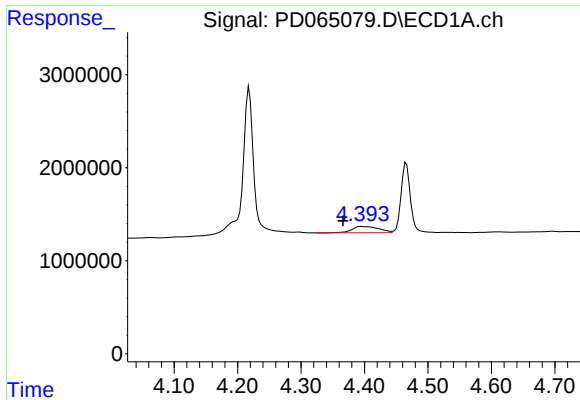
#21 Endrin ketone

R.T.: 7.190 min
Delta R.T.: -0.002 min
Response: 1068135
Conc: 0.84 ng/ml



#21 Endrin ketone

R.T.: 7.760 min
Delta R.T.: -0.001 min
Response: 4675074
Conc: 0.72 ng/ml



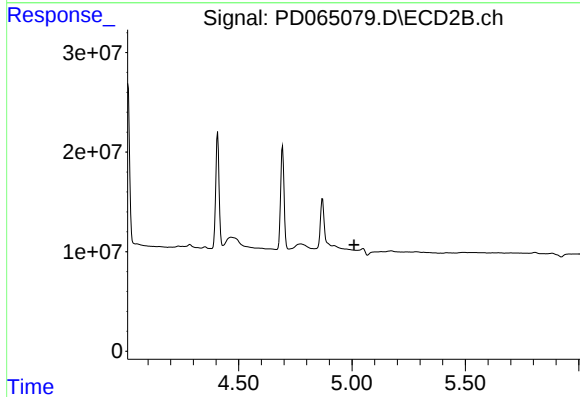
#23 Chlordane-1

R.T.: 4.394 min
Delta R.T.: 0.028 min
Response: 1986255
Conc: 52.45 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

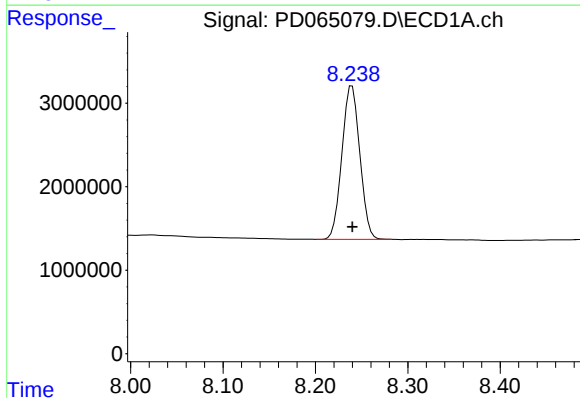
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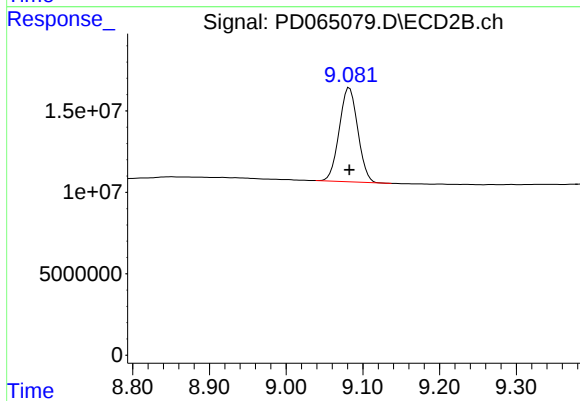
#23 Chlordane-1

R.T.: 0.000 min
Exp R.T. : 5.009 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.240 min
Delta R.T.: 0.000 min
Response: 24744853
Conc: 21.84 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.082 min
Delta R.T.: 0.000 min
Response: 96896763
Conc: 20.47 ng/ml