

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL123022\
 Data File : PL079998.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Dec 2022 00:41
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 12/30/2022
 Supervised By : Ankita Jodhani 12/30/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 30 01:35:56 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL123022.M
 Quant Title : GC Extractables
 QLast Update : Thu Dec 29 17:31:33 2022
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 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 x0.5µm

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.366	2.697	26335025	32694158	18.984	17.793
28)	SA Decachlor...	8.805	7.858	30114962	34837057	21.421	20.834
Target Compounds							
2)	A alpha-BHC	3.814	3.199	16667304	21794766	8.696	8.682
3)	MA gamma-BHC...	4.143	3.528	16637032	20381113	9.543	8.532
6)	B beta-BHC	4.338	3.823	8455539	10595987	9.983	9.876
12)	B 4,4'-DDE	5.998	5.166	158158	273067	0.107m	0.150m#
14)	MA Endrin	6.373	5.565	63379978	69389122	48.322	44.832
16)	A 4,4'-DDD	6.515	5.719	4895054	5270110	3.904	3.459
17)	MA 4,4'-DDT	6.828	5.972	126.5E6	135.3E6	99.719	103.012
18)	B Endrin al...	6.720	6.039	3116339	4072742	2.851m	3.027m
20)	A Methoxychlor	7.306	6.552	181.1E6	198.9E6	255.454	258.312
21)	B Endrin ke...	7.433	6.768	5896521	8030290	3.889m	4.350

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

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Sample : PEM
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ALS Vial : 3 Sample Multiplier: 1

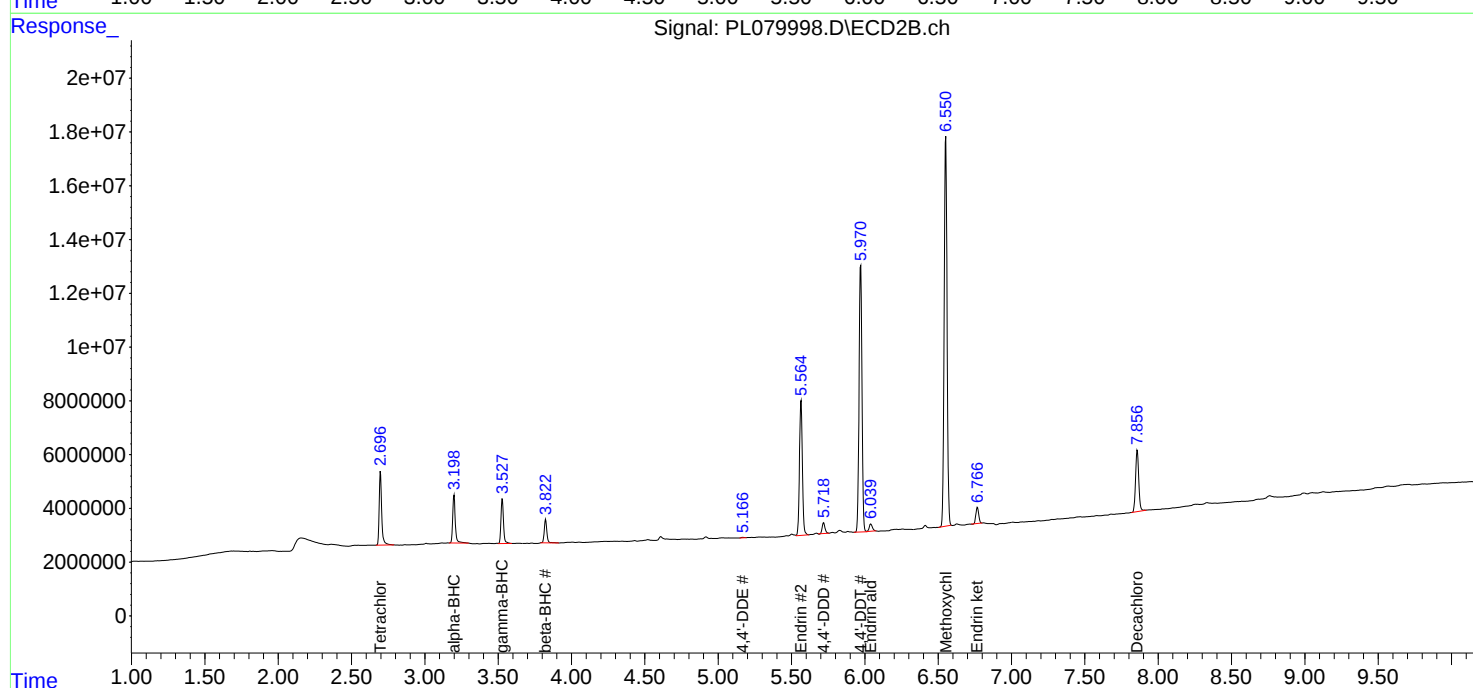
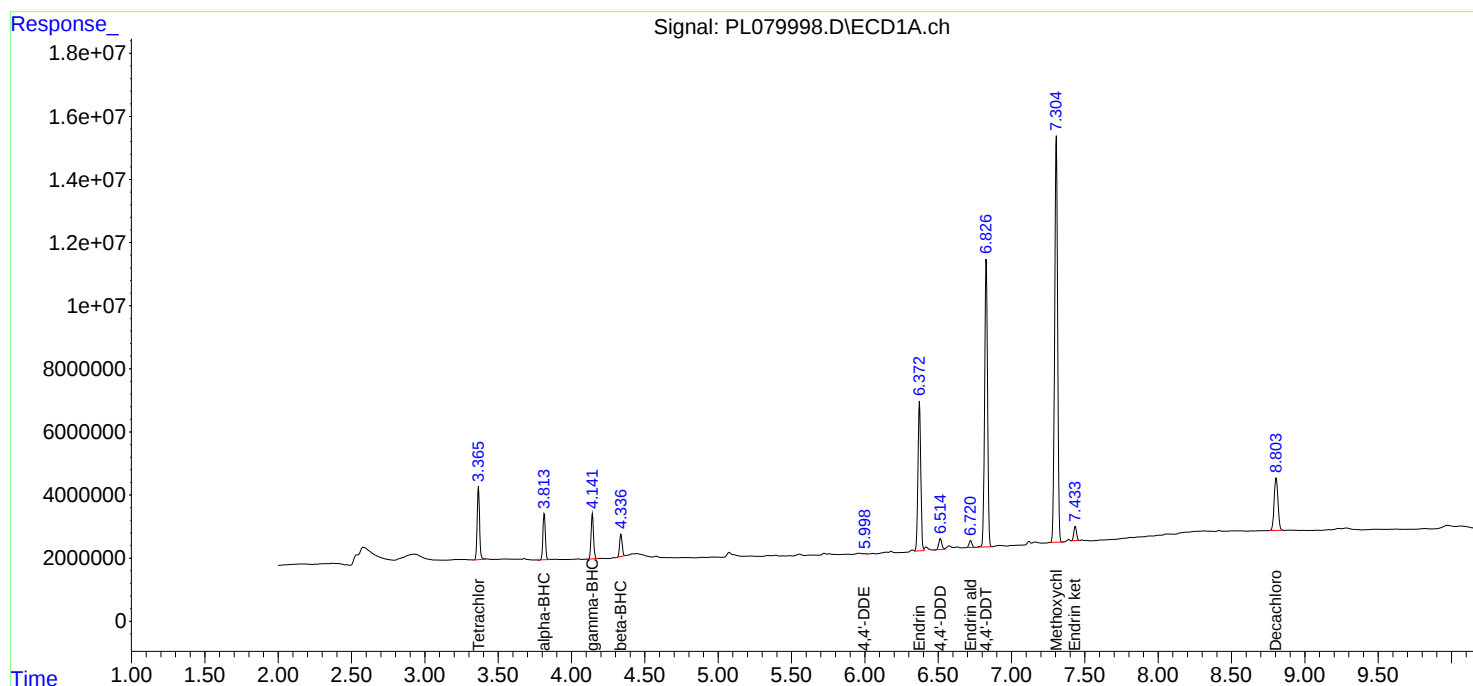
Instrument :
ECD_L
ClientSampleId :
PEM

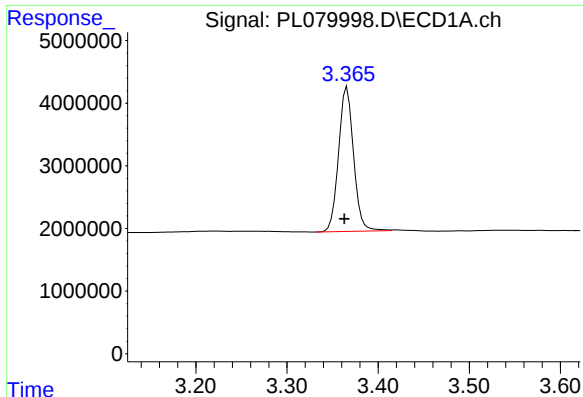
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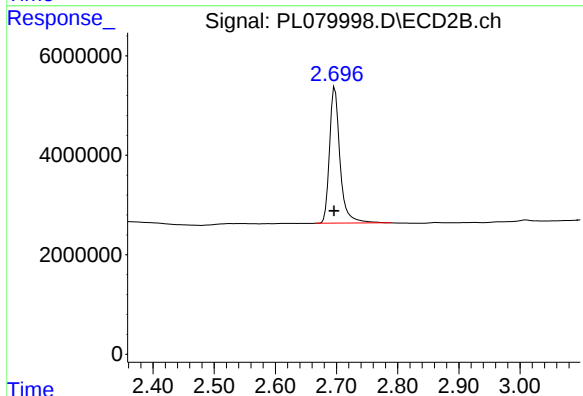
#1 Tetrachloro-m-xylene

R.T.: 3.366 min
Delta R.T.: 0.003 min
Response: 26335025
Conc: 18.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

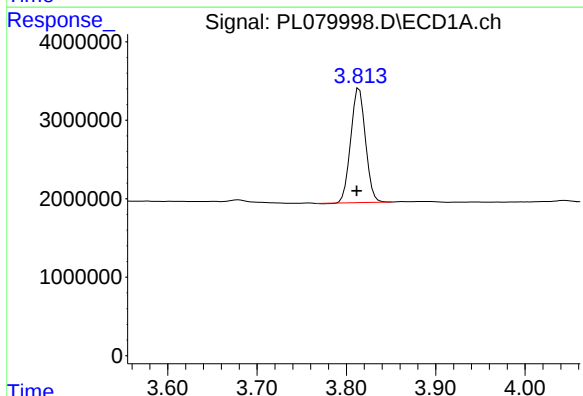
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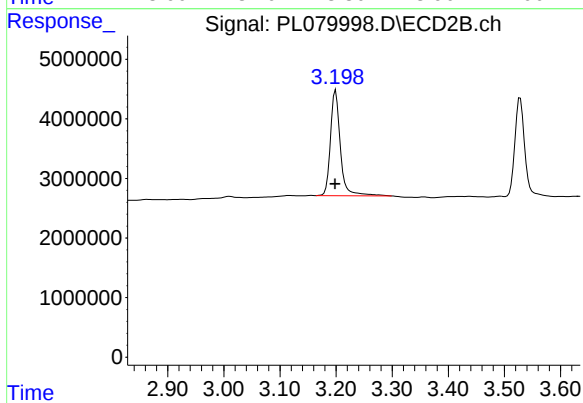
#1 Tetrachloro-m-xylene

R.T.: 2.697 min
Delta R.T.: 0.001 min
Response: 32694158
Conc: 17.79 ng/ml



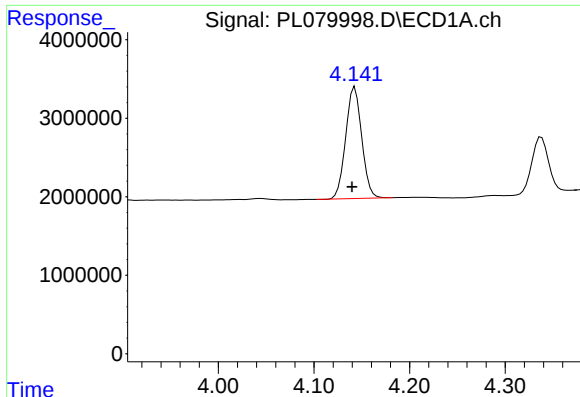
#2 alpha-BHC

R.T.: 3.814 min
Delta R.T.: 0.003 min
Response: 16667304
Conc: 8.70 ng/ml



#2 alpha-BHC

R.T.: 3.199 min
Delta R.T.: 0.001 min
Response: 21794766
Conc: 8.68 ng/ml



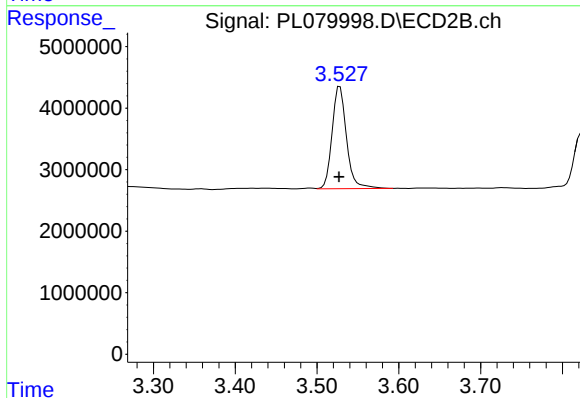
#3 gamma-BHC (Lindane)

R.T.: 4.143 min
Delta R.T.: 0.003 min
Response: 16637032
Conc: 9.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

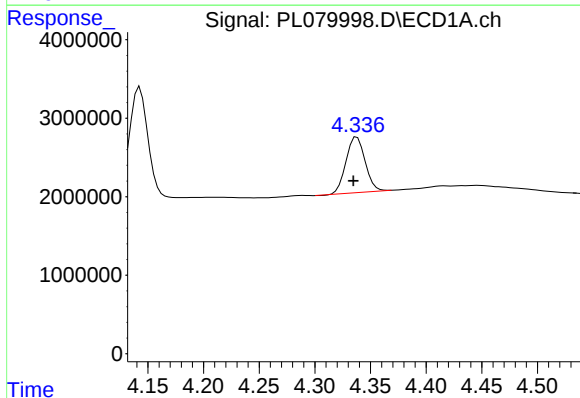
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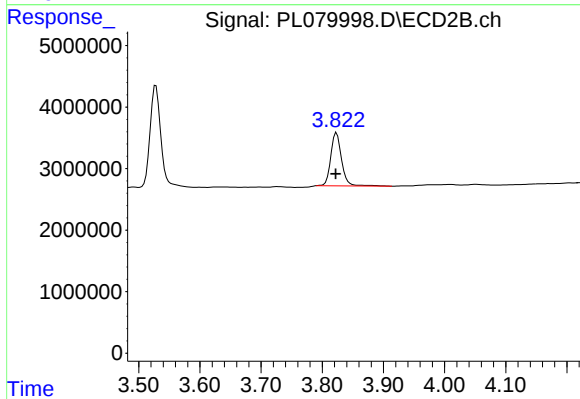
#3 gamma-BHC (Lindane)

R.T.: 3.528 min
Delta R.T.: 0.001 min
Response: 20381113
Conc: 8.53 ng/ml



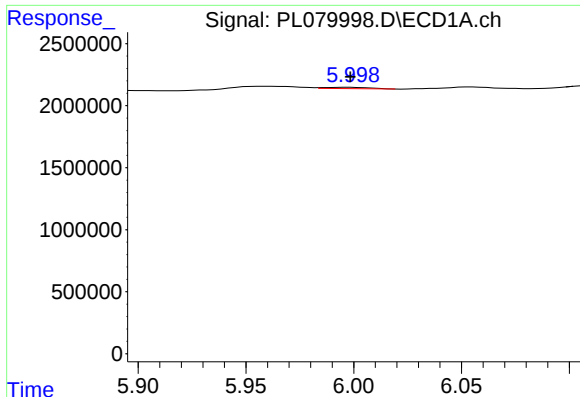
#6 beta-BHC

R.T.: 4.338 min
Delta R.T.: 0.003 min
Response: 8455539
Conc: 9.98 ng/ml



#6 beta-BHC

R.T.: 3.823 min
Delta R.T.: 0.001 min
Response: 10595987
Conc: 9.88 ng/ml



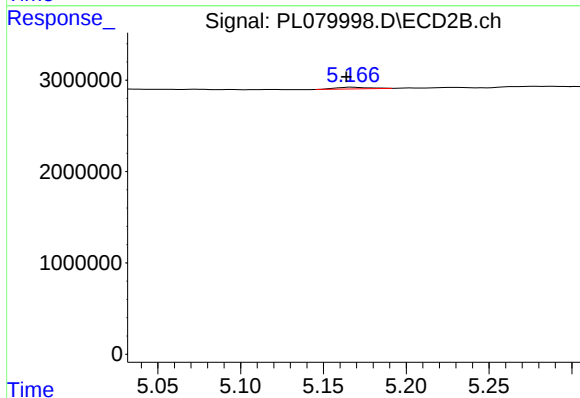
#12 4,4'-DDE

R.T.: 5.998 min
Delta R.T.: 0.000 min
Response: 158158
Conc: 0.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

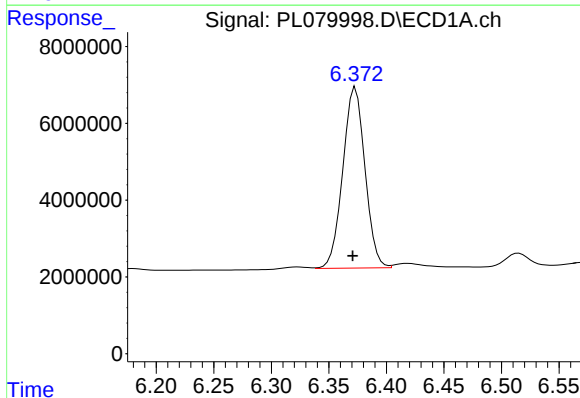
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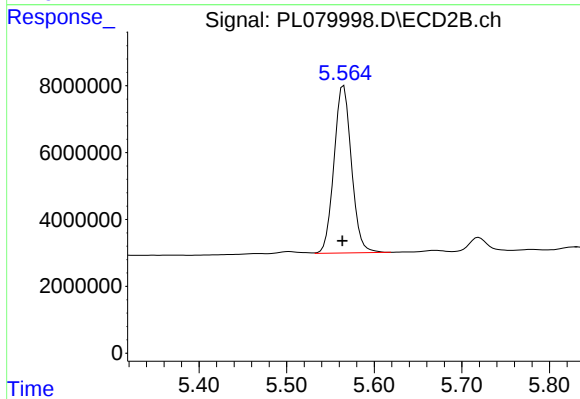
#12 4,4'-DDE

R.T.: 5.166 min
Delta R.T.: 0.002 min
Response: 273067
Conc: 0.15 ng/ml m



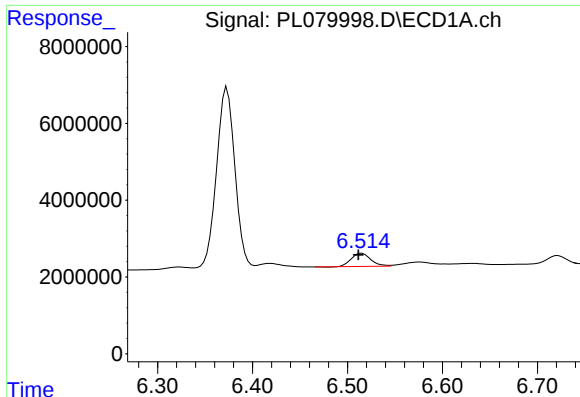
#14 Endrin

R.T.: 6.373 min
Delta R.T.: 0.002 min
Response: 63379978
Conc: 48.32 ng/ml



#14 Endrin

R.T.: 5.565 min
Delta R.T.: 0.001 min
Response: 69389122
Conc: 44.83 ng/ml



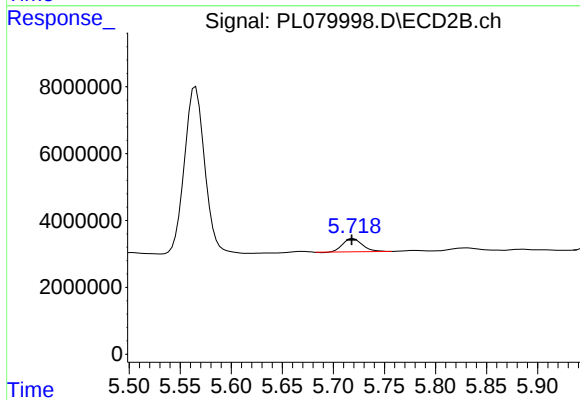
#16 4,4'-DDD

R.T.: 6.515 min
Delta R.T.: 0.004 min
Response: 4895054
Conc: 3.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

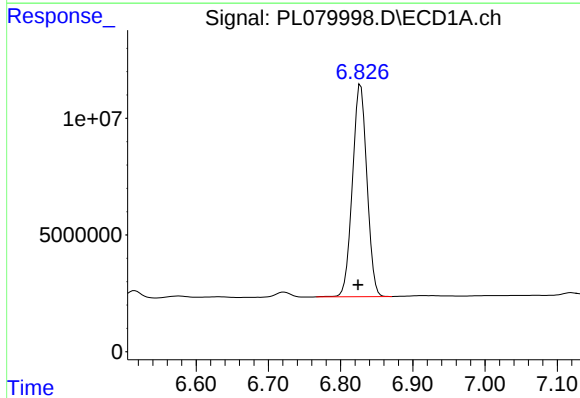
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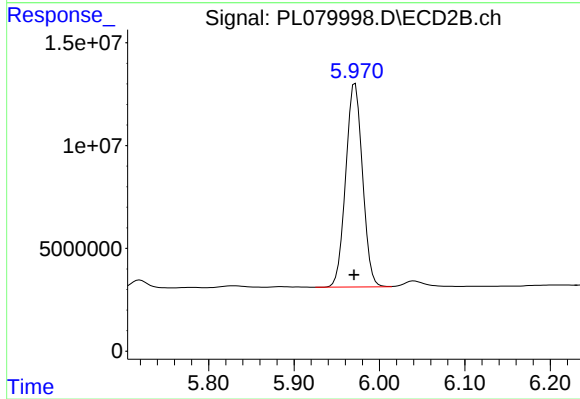
#16 4,4'-DDD

R.T.: 5.719 min
Delta R.T.: 0.001 min
Response: 5270110
Conc: 3.46 ng/ml



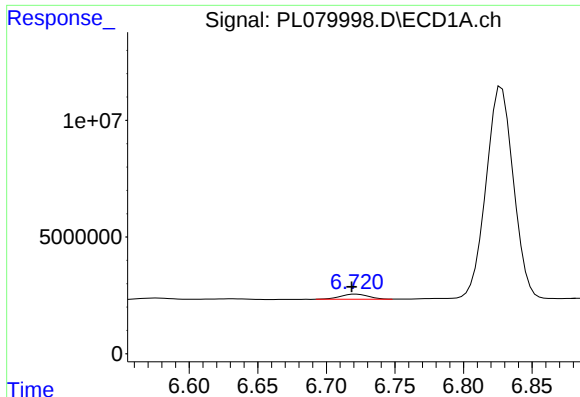
#17 4,4'-DDT

R.T.: 6.828 min
Delta R.T.: 0.003 min
Response: 126486764
Conc: 99.72 ng/ml



#17 4,4'-DDT

R.T.: 5.972 min
Delta R.T.: 0.001 min
Response: 135308670
Conc: 103.01 ng/ml



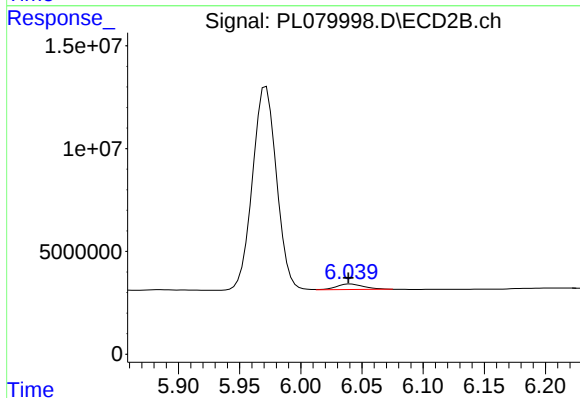
#18 Endrin aldehyde

R.T.: 6.720 min
Delta R.T.: 0.002 min
Response: 3116339
Conc: 2.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

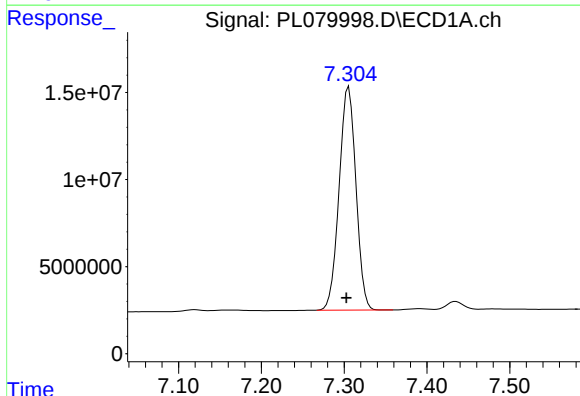
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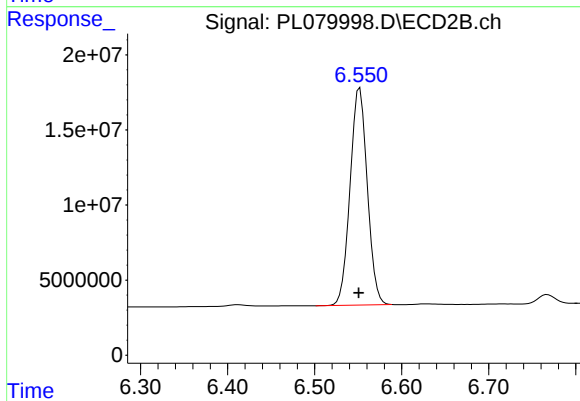
#18 Endrin aldehyde

R.T.: 6.039 min
Delta R.T.: 0.000 min
Response: 4072742
Conc: 3.03 ng/ml m



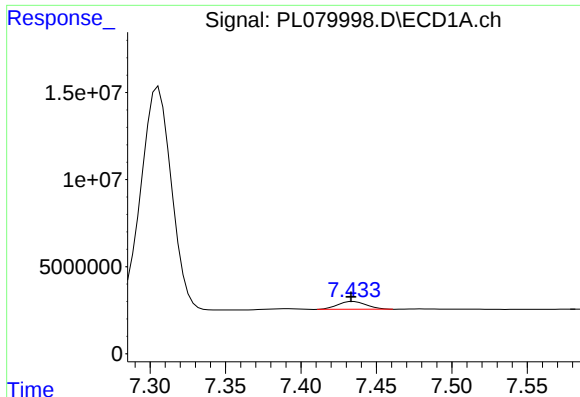
#20 Methoxychlor

R.T.: 7.306 min
Delta R.T.: 0.003 min
Response: 181056326
Conc: 255.45 ng/ml



#20 Methoxychlor

R.T.: 6.552 min
Delta R.T.: 0.001 min
Response: 198920068
Conc: 258.31 ng/ml



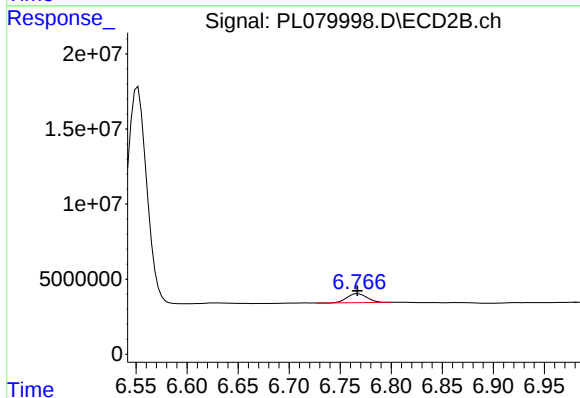
#21 Endrin ketone

R.T.: 7.433 min
Delta R.T.: 0.000 min
Response: 5896521
Conc: 3.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

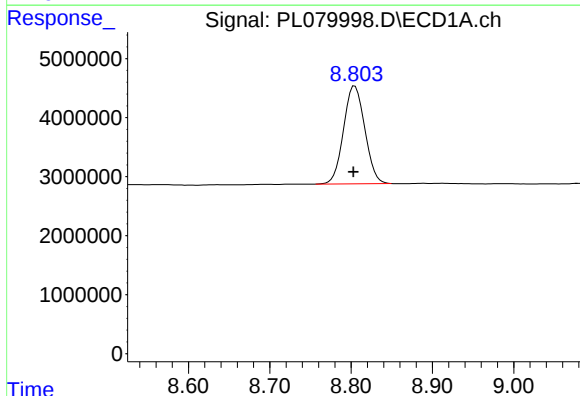
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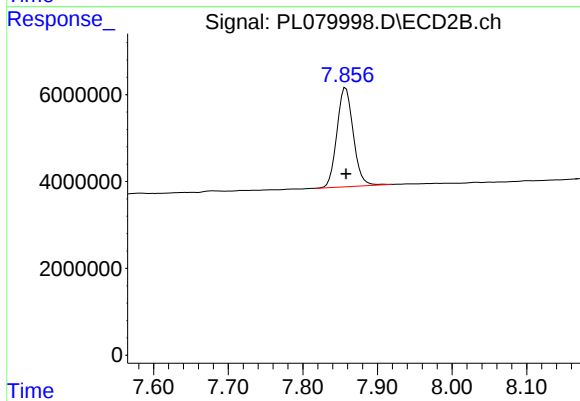
#21 Endrin ketone

R.T.: 6.768 min
Delta R.T.: 0.000 min
Response: 8030290
Conc: 4.35 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.805 min
Delta R.T.: 0.002 min
Response: 30114962
Conc: 21.42 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.858 min
Delta R.T.: 0.000 min
Response: 34837057
Conc: 20.83 ng/ml