

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL060722\
 Data File : PL075601.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Jun 2022 16:25
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 06/08/2022
 Supervised By : Ankita Jodhani 06/09/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 08 07:14:11 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL060622.M
 Quant Title : GC Extractables
 QLast Update : Tue Jun 07 02:04:29 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...	5.641	4.637	13915929	33333282	20.620	19.863
28)	SA Decachlor...	11.636	10.382	14011856	29434171	22.887	20.891
Target Compounds							
2)	A alpha-BHC	6.225	5.339	8733445	20627143	9.291	9.110
3)	MA gamma-BHC...	6.624	5.760	8393984	20361603	9.563	9.389
6)	B beta-BHC	6.874	6.137	4204702	10421876	10.245m	10.618m
12)	B 4,4'-DDE	8.656	7.624	126332	348209	0.191m	0.218
14)	MA Endrin	9.060	8.044	31283794	71262752	52.763	52.126
16)	A 4,4'-DDD	9.199	8.208	729880	1972269	1.334	1.500
17)	MA 4,4'-DDT	9.520	8.468	62906769	139.2E6	98.203	99.026
18)	B Endrin al...	9.429	8.543	551618	807771	1.077	0.717 #
20)	A Methoxychlor	10.005	9.061	85425238	181.8E6	238.637	223.174
21)	B Endrin ke...	10.173	9.288	1716251	2700039	2.440	1.673 #

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

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Acq On : 07 Jun 2022 16:25
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Sample : PEM
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ALS Vial : 3 Sample Multiplier: 1

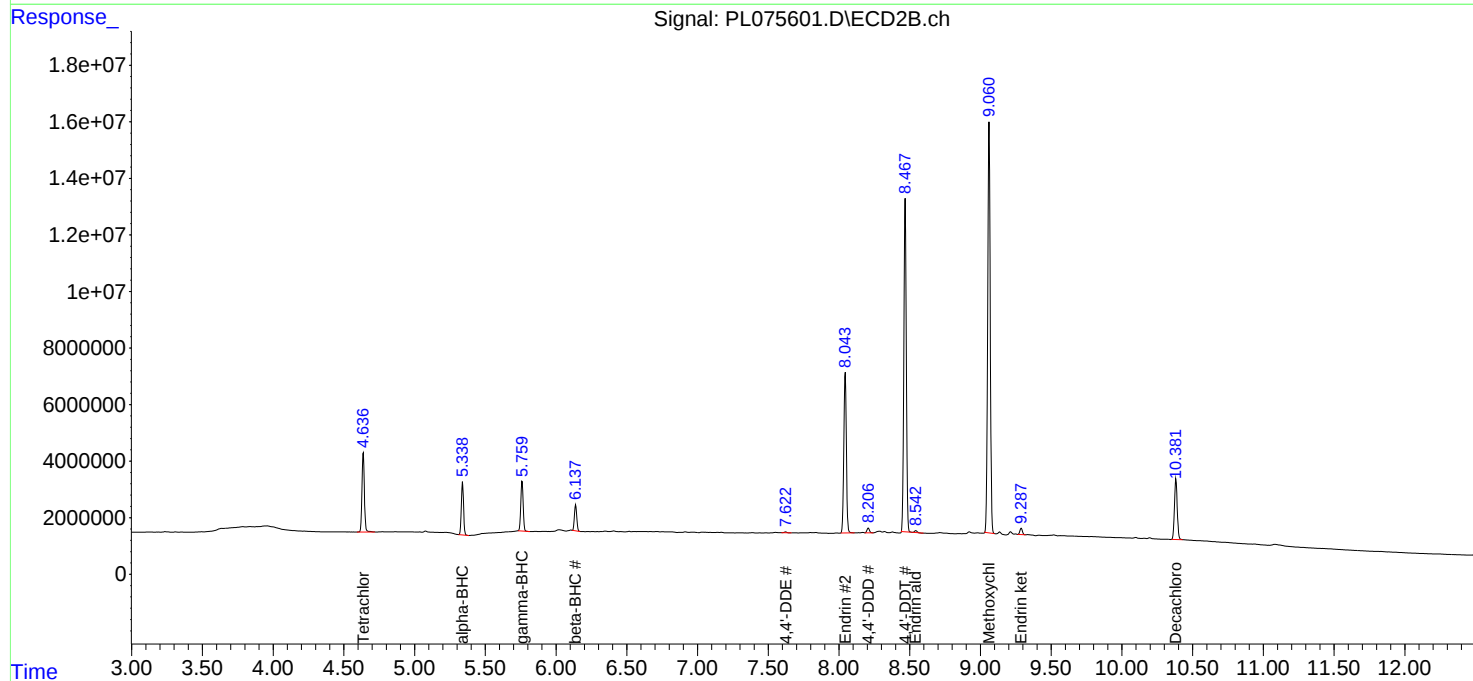
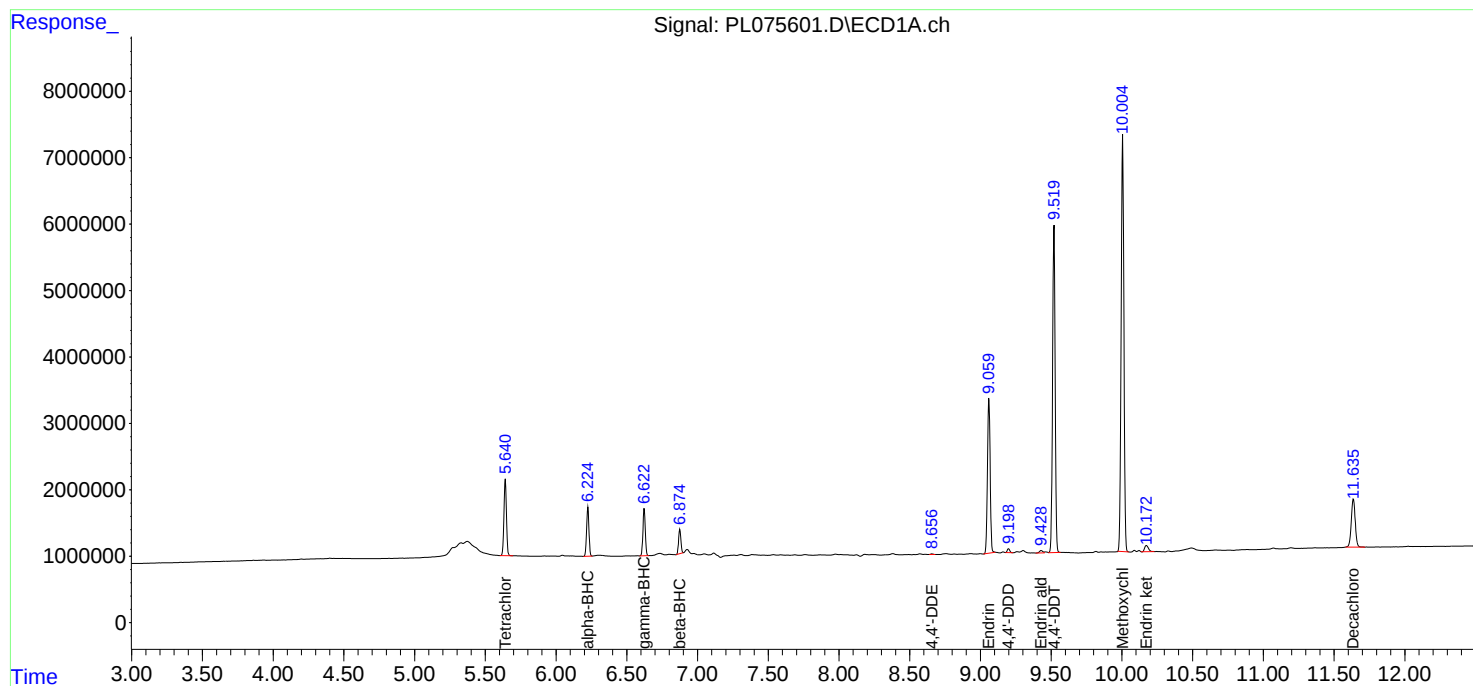
Instrument :
ECD_L
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PEM

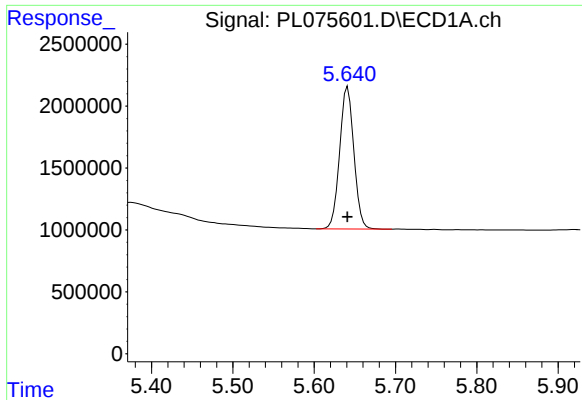
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Integration File signal 1: autoint1.e
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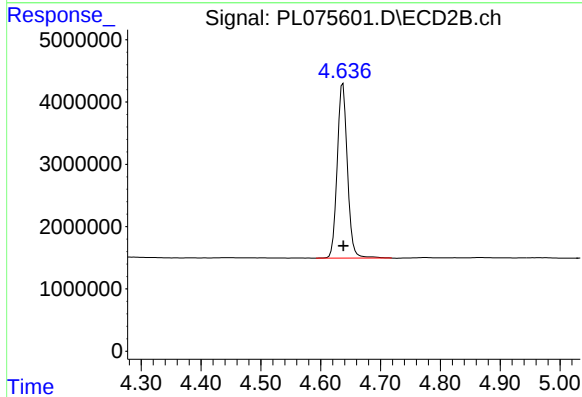
#1 Tetrachloro-m-xylene

R.T.: 5.641 min
Delta R.T.: 0.000 min
Response: 13915929
Conc: 20.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

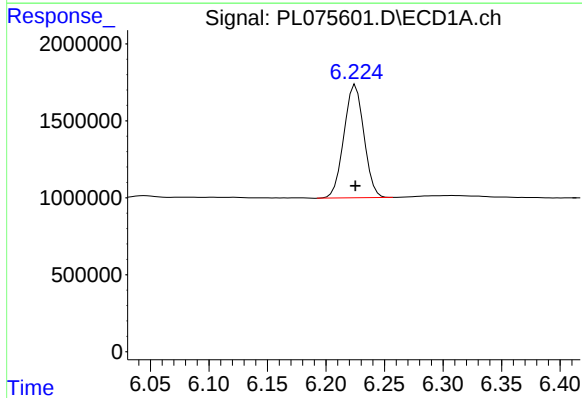
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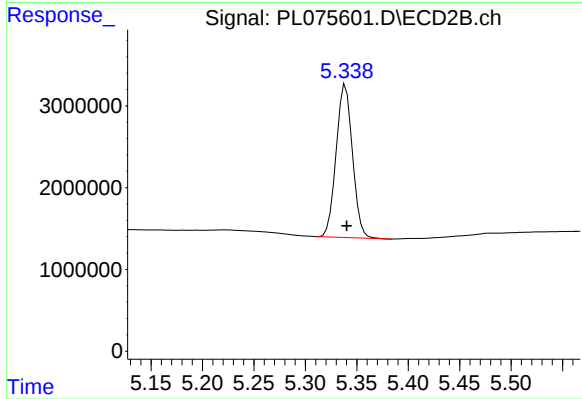
#1 Tetrachloro-m-xylene

R.T.: 4.637 min
Delta R.T.: 0.000 min
Response: 33333282
Conc: 19.86 ng/ml



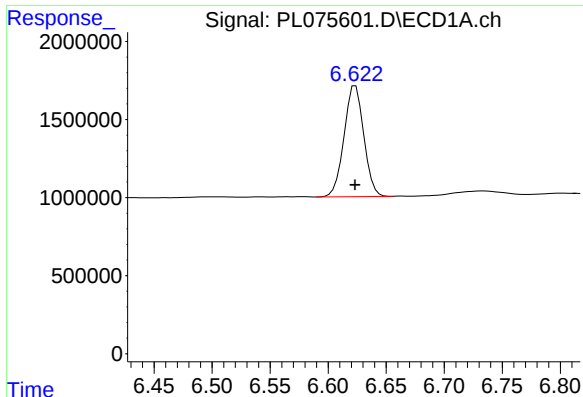
#2 alpha-BHC

R.T.: 6.225 min
Delta R.T.: 0.000 min
Response: 8733445
Conc: 9.29 ng/ml



#2 alpha-BHC

R.T.: 5.339 min
Delta R.T.: -0.001 min
Response: 20627143
Conc: 9.11 ng/ml



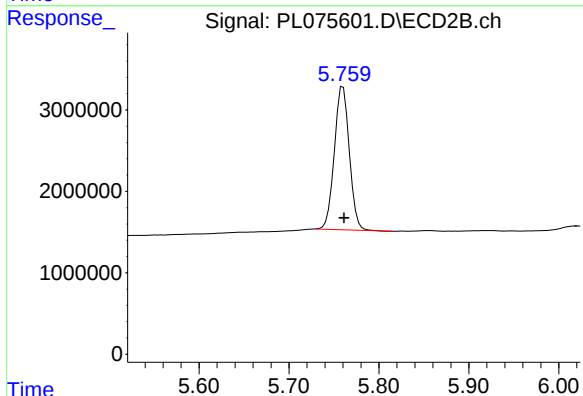
#3 gamma-BHC (Lindane)

R.T.: 6.624 min
Delta R.T.: 0.000 min
Response: 8393984
Conc: 9.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

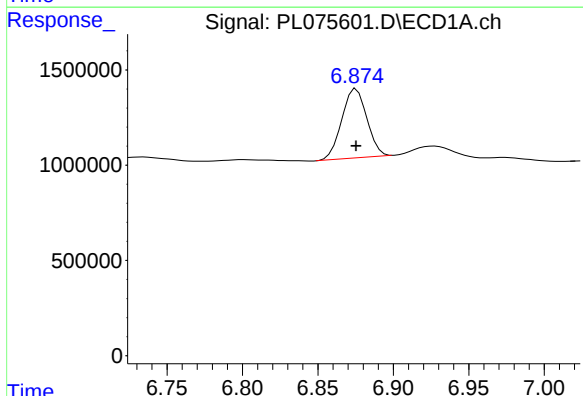
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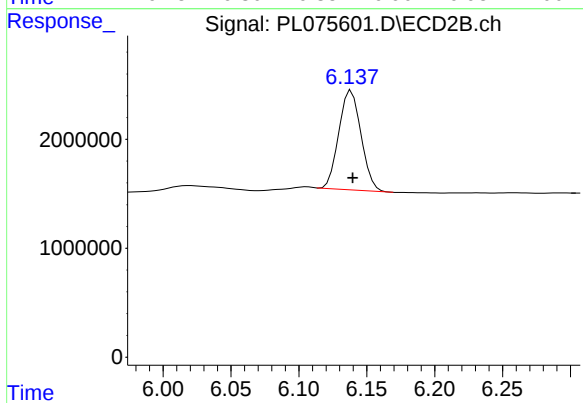
#3 gamma-BHC (Lindane)

R.T.: 5.760 min
Delta R.T.: 0.000 min
Response: 20361603
Conc: 9.39 ng/ml



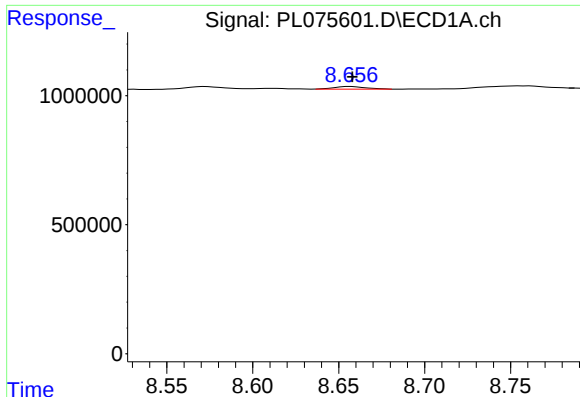
#6 beta-BHC

R.T.: 6.874 min
Delta R.T.: -0.001 min
Response: 4204702
Conc: 10.24 ng/ml m



#6 beta-BHC

R.T.: 6.137 min
Delta R.T.: -0.002 min
Response: 10421876
Conc: 10.62 ng/ml m



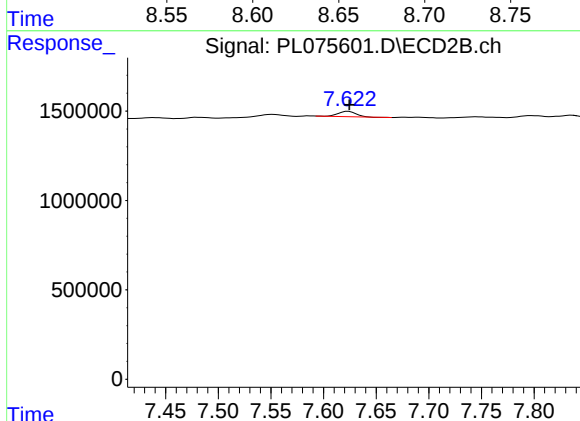
#12 4,4'-DDE

R.T.: 8.656 min
Delta R.T.: -0.002 min
Response: 126332
Conc: 0.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

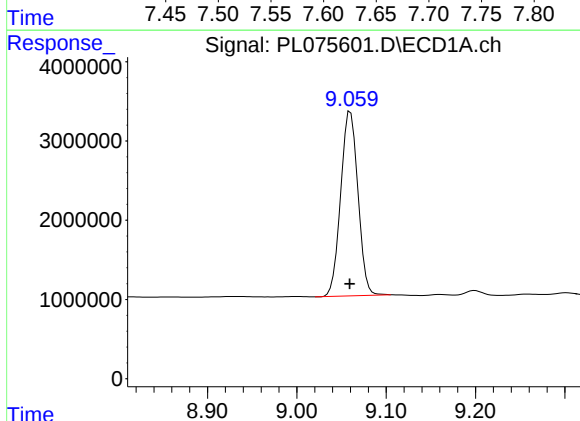
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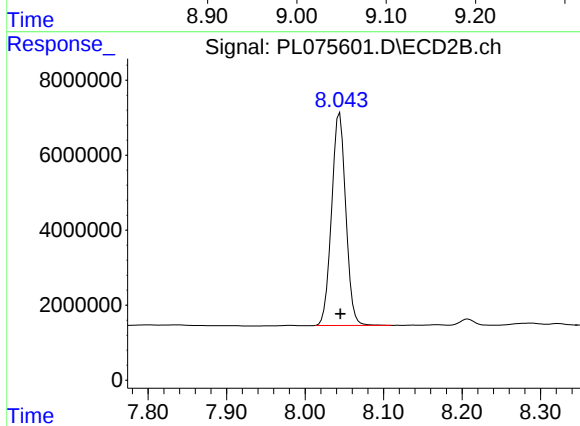
#12 4,4'-DDE

R.T.: 7.624 min
Delta R.T.: 0.000 min
Response: 348209
Conc: 0.22 ng/ml



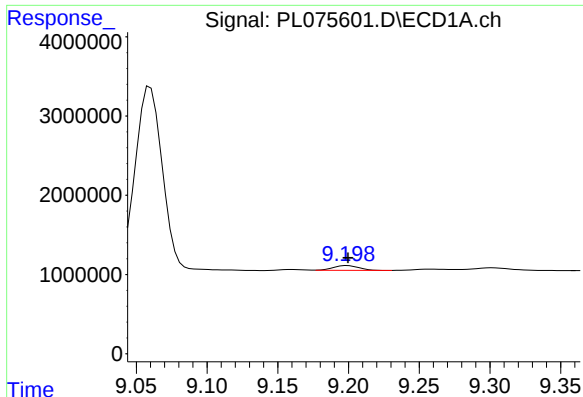
#14 Endrin

R.T.: 9.060 min
Delta R.T.: 0.000 min
Response: 31283794
Conc: 52.76 ng/ml



#14 Endrin

R.T.: 8.044 min
Delta R.T.: 0.000 min
Response: 71262752
Conc: 52.13 ng/ml



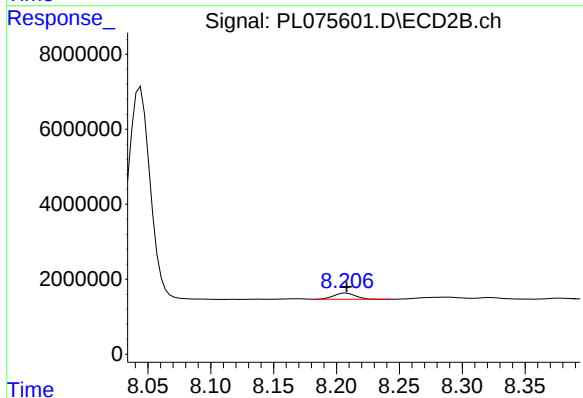
#16 4,4'-DDD

R.T.: 9.199 min
Delta R.T.: 0.000 min
Response: 729880
Conc: 1.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

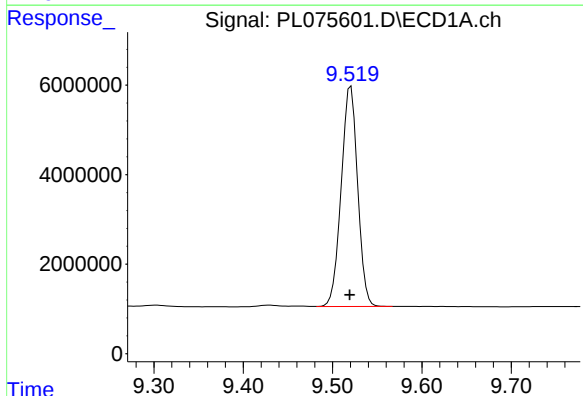
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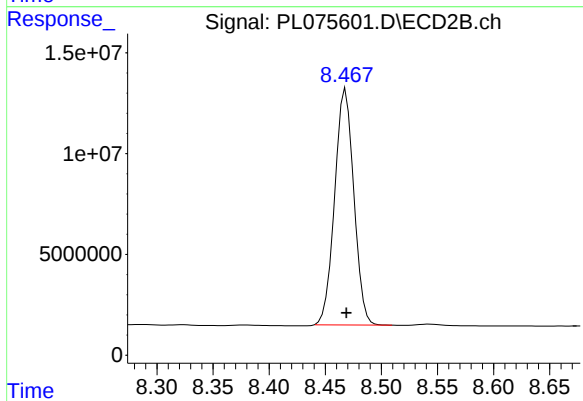
#16 4,4'-DDD

R.T.: 8.208 min
Delta R.T.: 0.000 min
Response: 1972269
Conc: 1.50 ng/ml



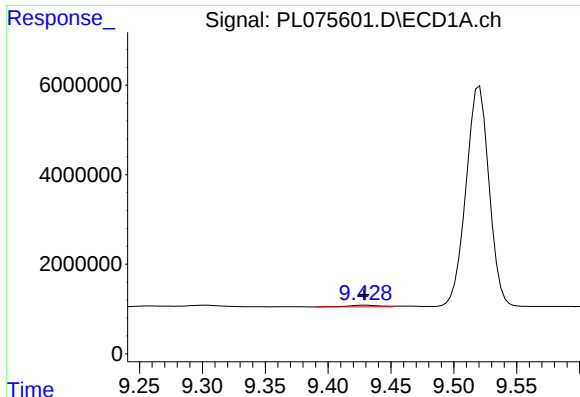
#17 4,4'-DDT

R.T.: 9.520 min
Delta R.T.: 0.001 min
Response: 62906769
Conc: 98.20 ng/ml



#17 4,4'-DDT

R.T.: 8.468 min
Delta R.T.: 0.000 min
Response: 139208452
Conc: 99.03 ng/ml



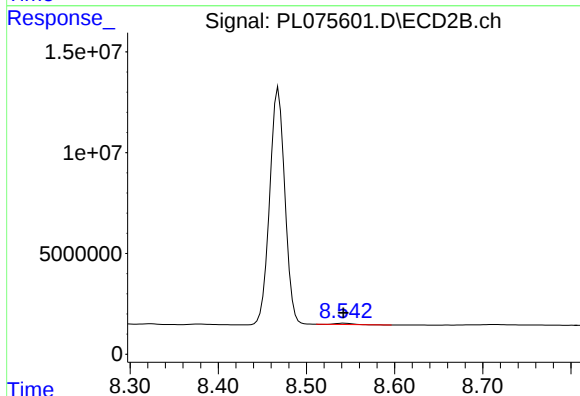
#18 Endrin aldehyde

R.T.: 9.429 min
Delta R.T.: 0.000 min
Response: 551618
Conc: 1.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

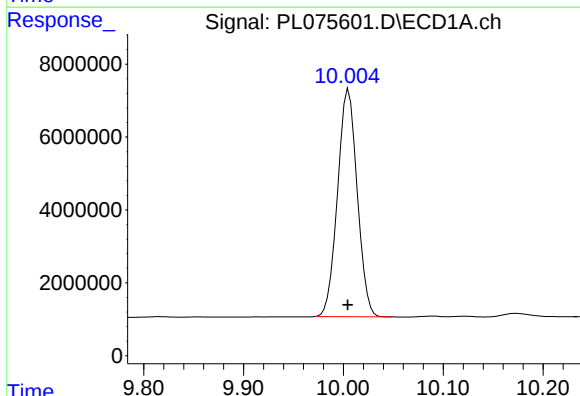
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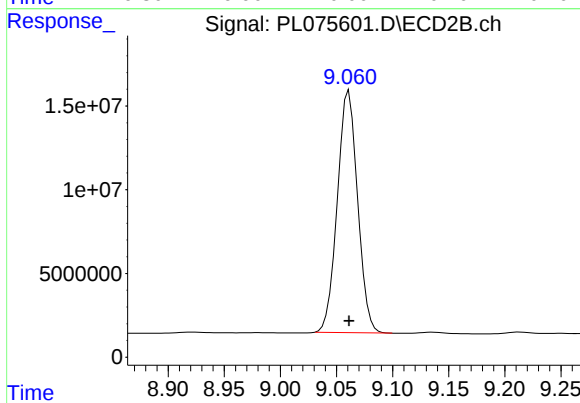
#18 Endrin aldehyde

R.T.: 8.543 min
Delta R.T.: 0.000 min
Response: 807771
Conc: 0.72 ng/ml



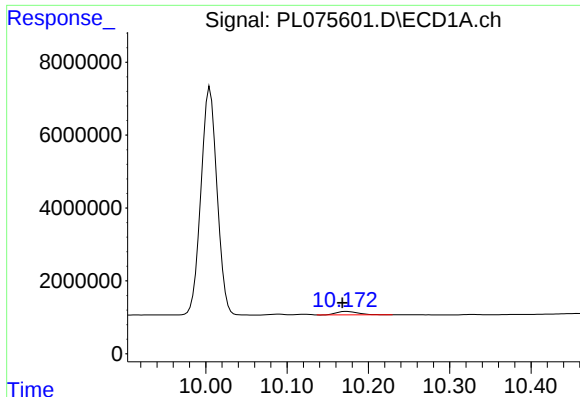
#20 Methoxychlor

R.T.: 10.005 min
Delta R.T.: 0.000 min
Response: 85425238
Conc: 238.64 ng/ml



#20 Methoxychlor

R.T.: 9.061 min
Delta R.T.: 0.000 min
Response: 181808234
Conc: 223.17 ng/ml



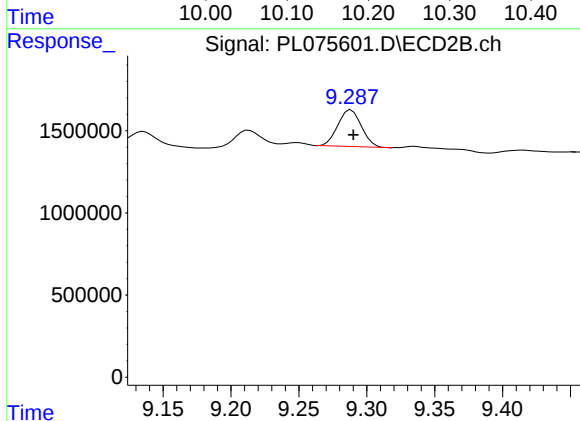
#21 Endrin ketone

R.T.: 10.173 min
Delta R.T.: 0.005 min
Response: 1716251
Conc: 2.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

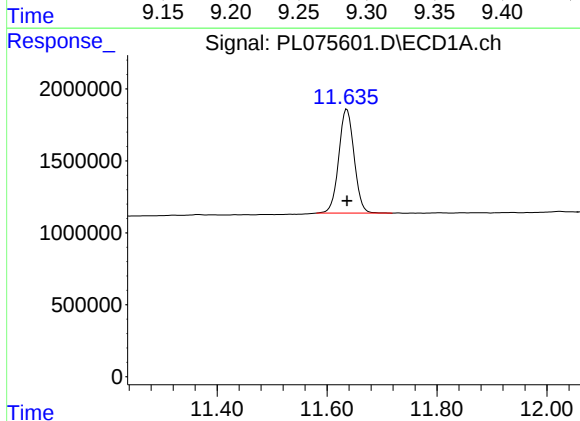
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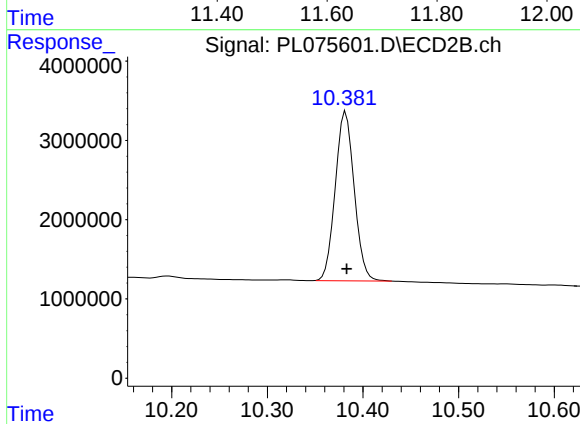
#21 Endrin ketone

R.T.: 9.288 min
Delta R.T.: -0.002 min
Response: 2700039
Conc: 1.67 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.636 min
Delta R.T.: 0.000 min
Response: 14011856
Conc: 22.89 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.382 min
Delta R.T.: -0.001 min
Response: 29434171
Conc: 20.89 ng/ml