

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL060122\
 Data File : PL075365.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Jun 2022 19:43
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 06/02/2022
 Supervised By : Ankita Jodhani 06/02/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 02 09:21:54 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL052822.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 01 10:19:11 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...	5.643	4.642	12523302	34015012	21.308	21.472
28)	SA Decachlor...	11.639	10.387	10762307	26939330	20.072	19.631
Target Compounds							
2)	A alpha-BHC	6.227	5.343	7791081	20641893	9.441	9.538
3)	MA gamma-BHC...	6.625	5.764	7497618	20678097	9.580	9.846
6)	B beta-BHC	6.877	6.142	3807438	10732527	10.227	11.058
12)	B 4,4'-DDE	8.657	7.626	83925	305222	0.144m	0.187m#
14)	MA Endrin	9.061	8.048	27238721	69564414	51.294	44.687
16)	A 4,4'-DDD	9.200	8.210	202724	580113	0.410	0.434m
17)	MA 4,4'-DDT	9.521	8.472	53491859	142.7E6	91.836	99.764
18)	B Endrin al...	9.431	8.549	216336	636532	0.492	0.528m
20)	A Methoxychlor	10.006	9.065	72724645	186.1E6	237.441	229.186
21)	B Endrin ke...	10.173	9.291	925977	1640745	1.508m	1.026m#

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

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Acq On : 01 Jun 2022 19:43
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

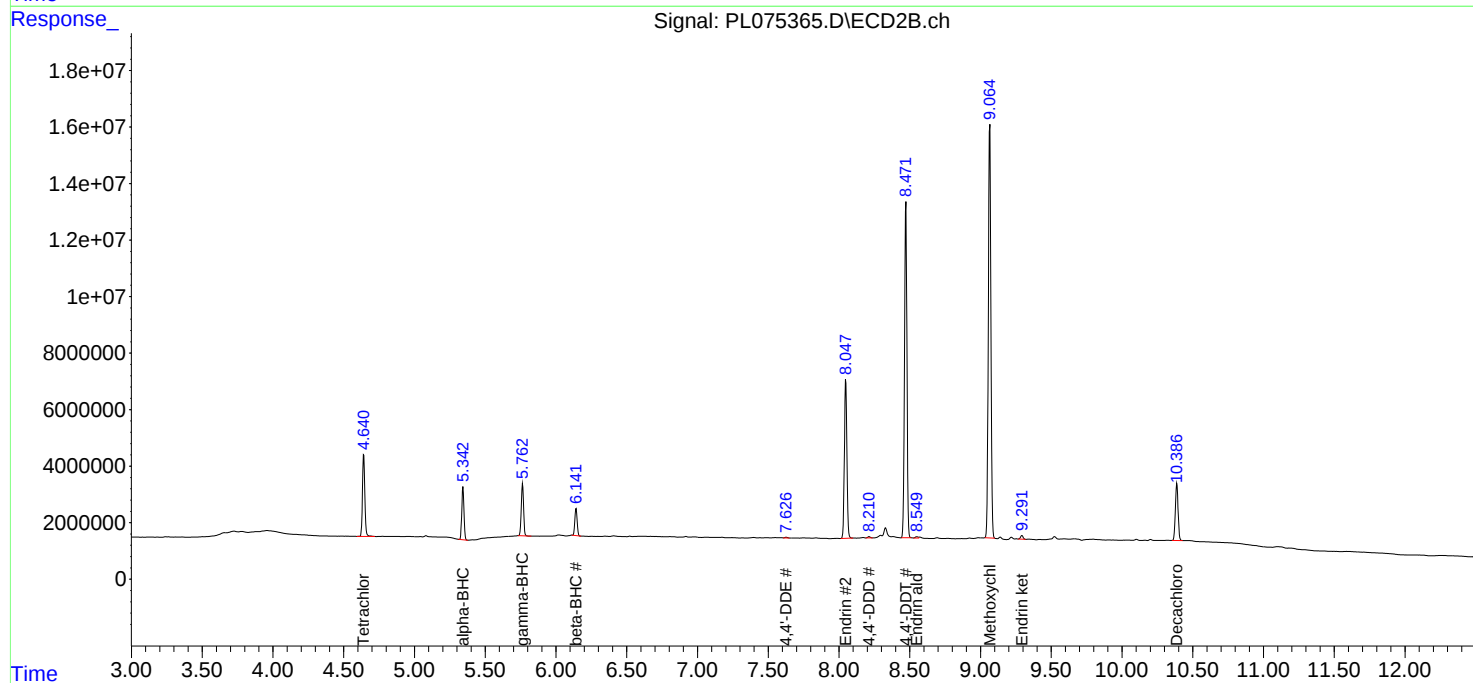
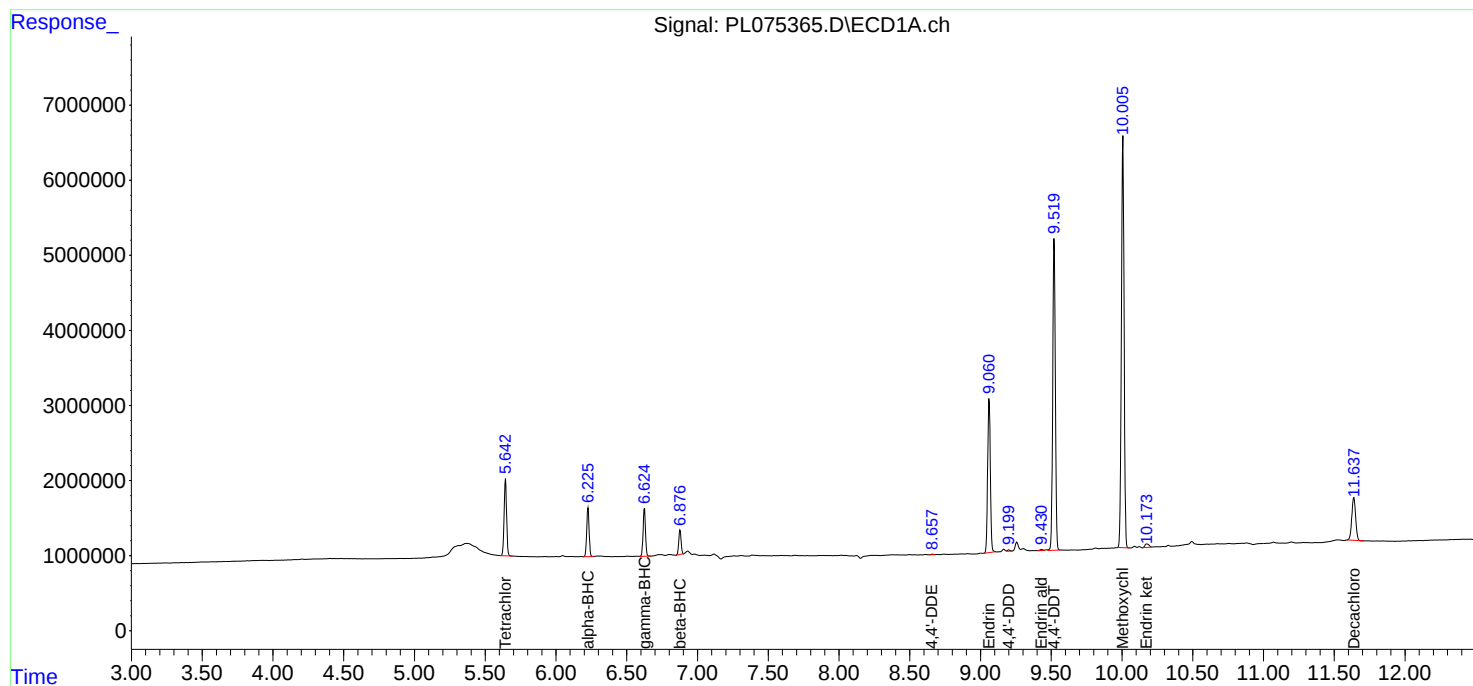
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ECD_L
ClientSampleId :
PEM

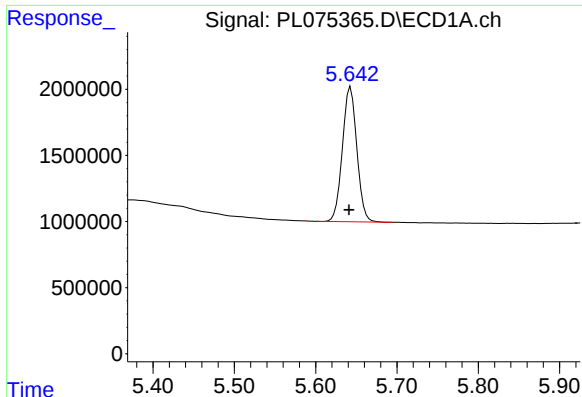
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
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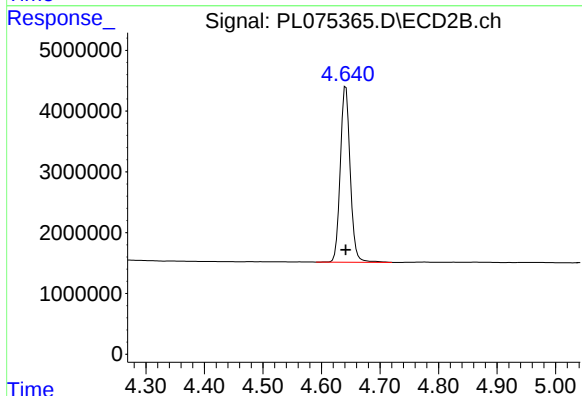
#1 Tetrachloro-m-xylene

R.T.: 5.643 min
Delta R.T.: 0.002 min
Response: 12523302
Conc: 21.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

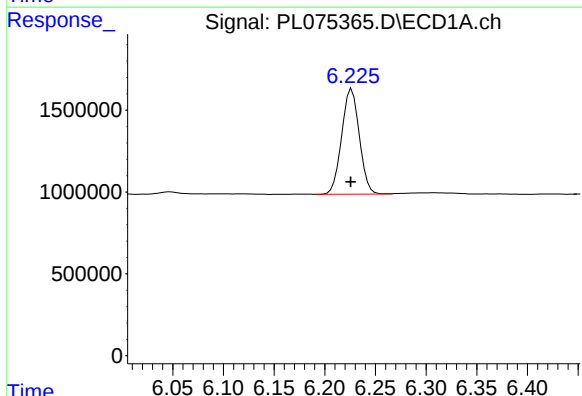
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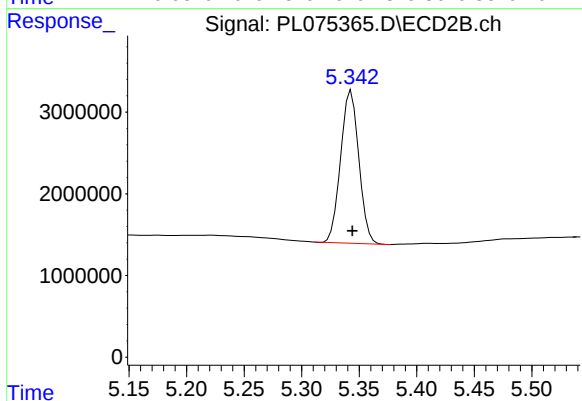
#1 Tetrachloro-m-xylene

R.T.: 4.642 min
Delta R.T.: 0.000 min
Response: 34015012
Conc: 21.47 ng/ml



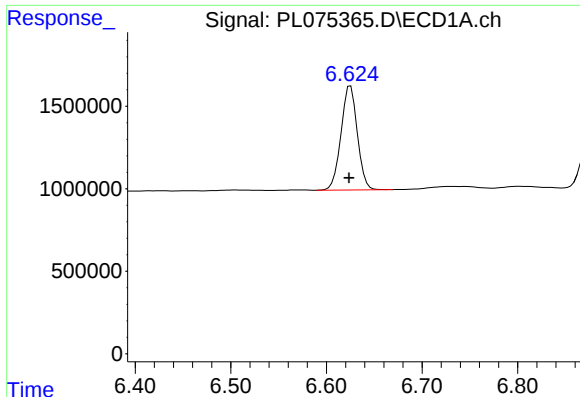
#2 alpha-BHC

R.T.: 6.227 min
Delta R.T.: 0.001 min
Response: 7791081
Conc: 9.44 ng/ml



#2 alpha-BHC

R.T.: 5.343 min
Delta R.T.: -0.001 min
Response: 20641893
Conc: 9.54 ng/ml



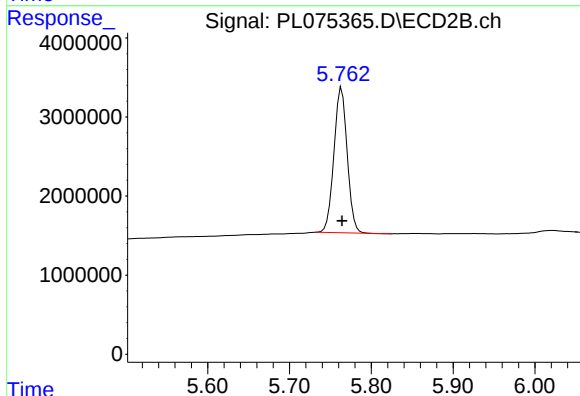
#3 gamma-BHC (Lindane)

R.T.: 6.625 min
Delta R.T.: 0.001 min
Response: 7497618
Conc: 9.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

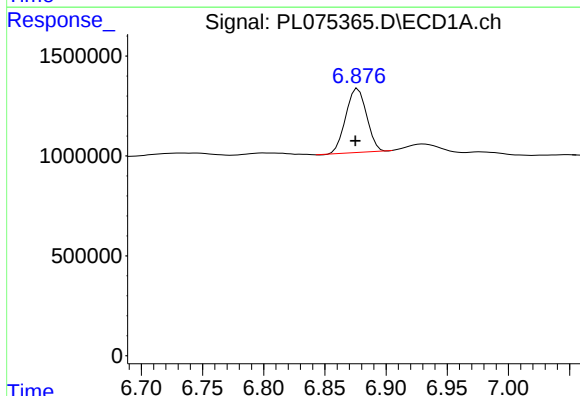
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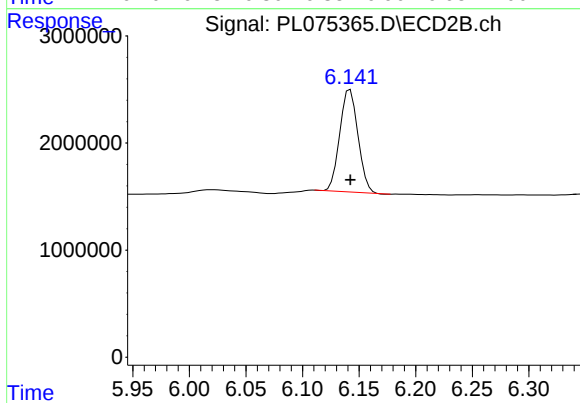
#3 gamma-BHC (Lindane)

R.T.: 5.764 min
Delta R.T.: 0.000 min
Response: 20678097
Conc: 9.85 ng/ml



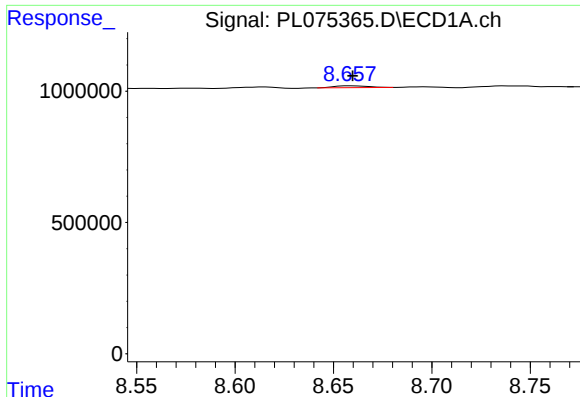
#6 beta-BHC

R.T.: 6.877 min
Delta R.T.: 0.002 min
Response: 3807438
Conc: 10.23 ng/ml



#6 beta-BHC

R.T.: 6.142 min
Delta R.T.: 0.000 min
Response: 10732527
Conc: 11.06 ng/ml



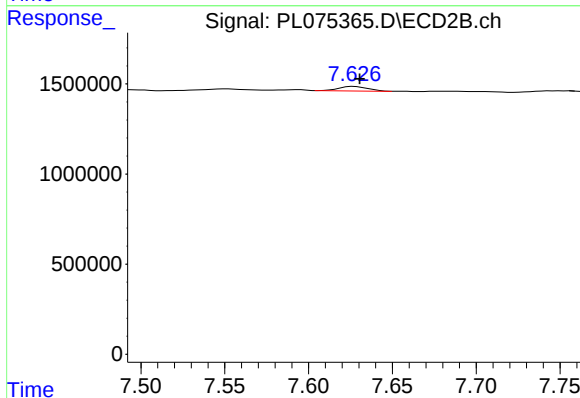
#12 4,4'-DDE

R.T.: 8.657 min
Delta R.T.: -0.003 min
Response: 83925
Conc: 0.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

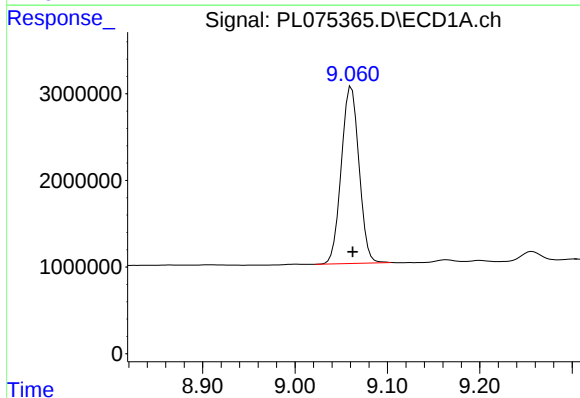
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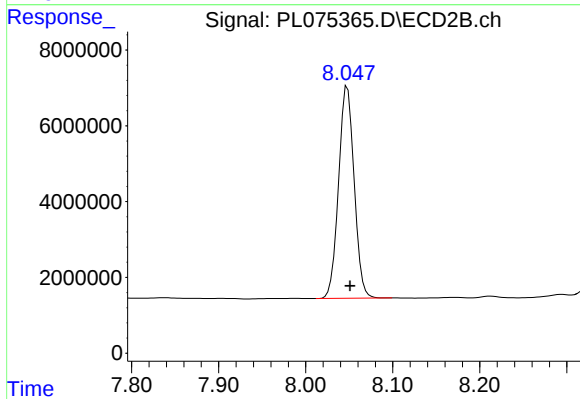
#12 4,4'-DDE

R.T.: 7.626 min
Delta R.T.: -0.005 min
Response: 305222
Conc: 0.19 ng/ml m



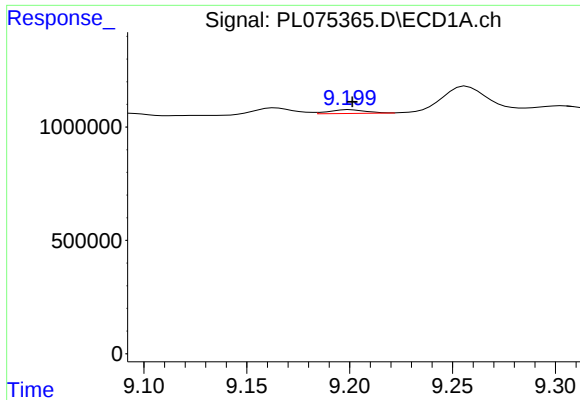
#14 Endrin

R.T.: 9.061 min
Delta R.T.: -0.001 min
Response: 27238721
Conc: 51.29 ng/ml



#14 Endrin

R.T.: 8.048 min
Delta R.T.: -0.003 min
Response: 69564414
Conc: 44.69 ng/ml



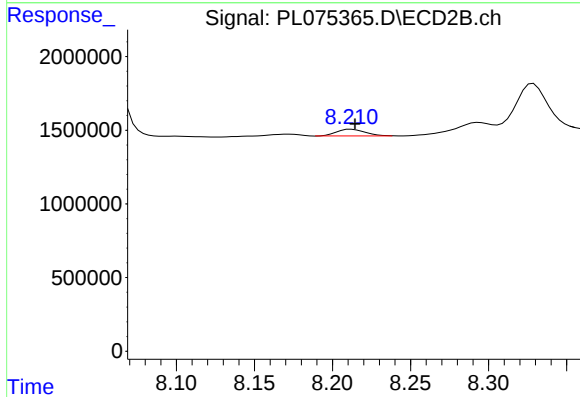
#16 4,4'-DDD

R.T.: 9.200 min
Delta R.T.: -0.001 min
Response: 202724
Conc: 0.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

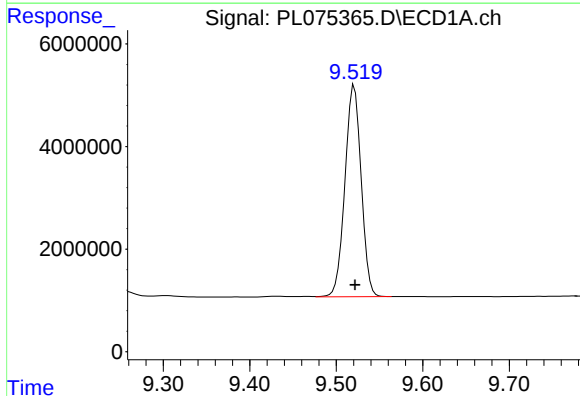
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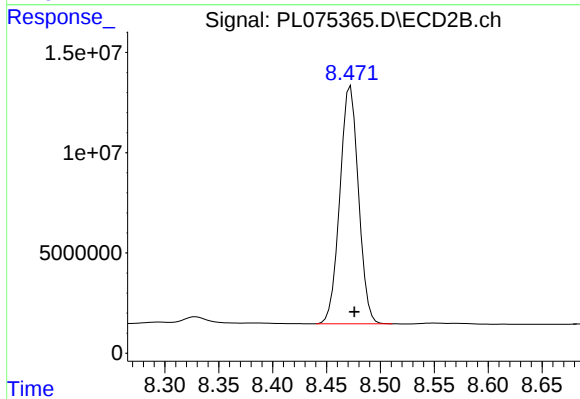
#16 4,4'-DDD

R.T.: 8.210 min
Delta R.T.: -0.004 min
Response: 580113
Conc: 0.43 ng/ml m



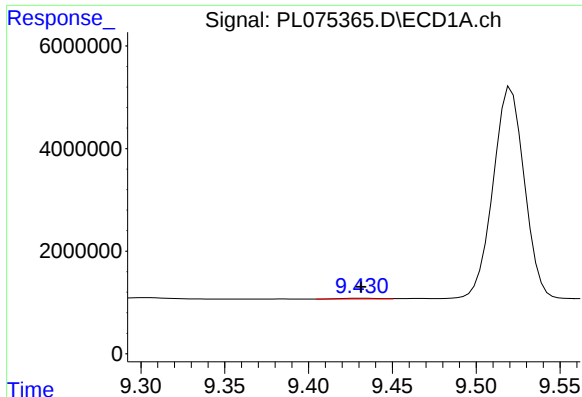
#17 4,4'-DDT

R.T.: 9.521 min
Delta R.T.: -0.001 min
Response: 53491859
Conc: 91.84 ng/ml



#17 4,4'-DDT

R.T.: 8.472 min
Delta R.T.: -0.003 min
Response: 142676843
Conc: 99.76 ng/ml



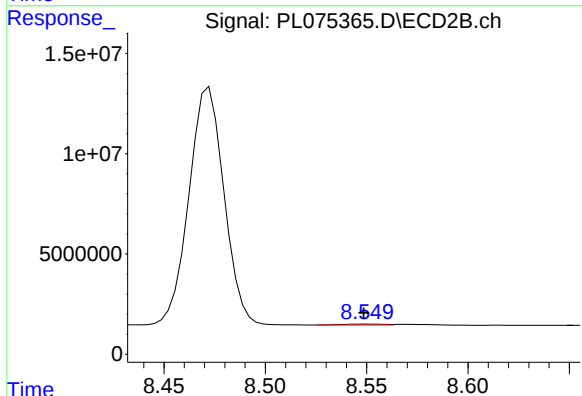
#18 Endrin aldehyde

R.T.: 9.431 min
Delta R.T.: 0.000 min
Response: 216336
Conc: 0.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

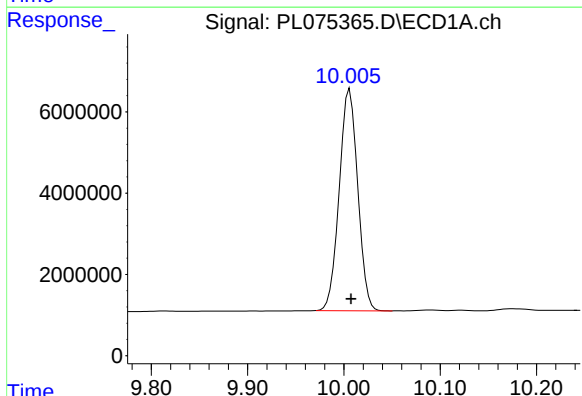
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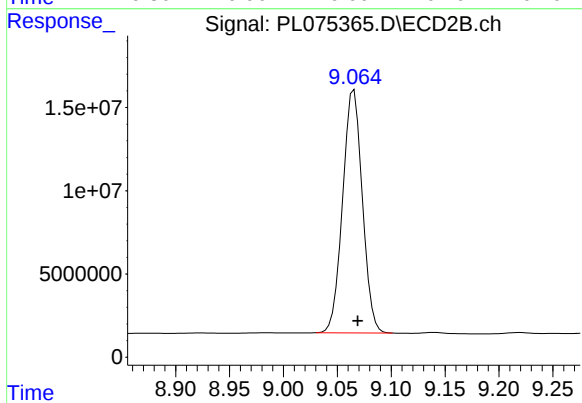
#18 Endrin aldehyde

R.T.: 8.549 min
Delta R.T.: 0.000 min
Response: 636532
Conc: 0.53 ng/ml m



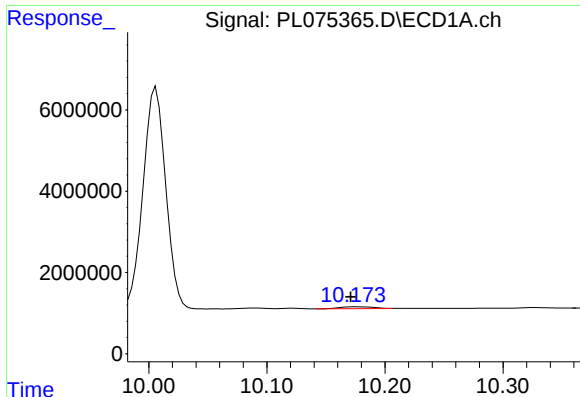
#20 Methoxychlor

R.T.: 10.006 min
Delta R.T.: -0.001 min
Response: 72724645
Conc: 237.44 ng/ml



#20 Methoxychlor

R.T.: 9.065 min
Delta R.T.: -0.003 min
Response: 186110626
Conc: 229.19 ng/ml



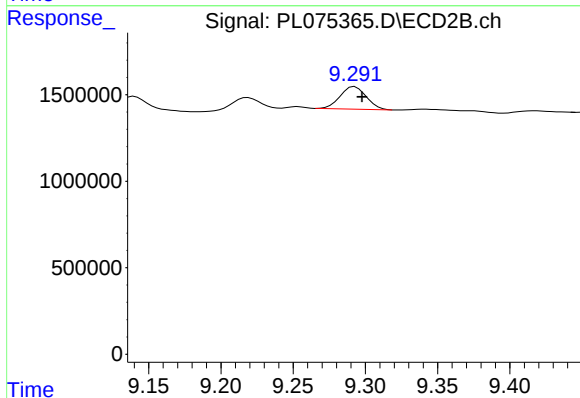
#21 Endrin ketone

R.T.: 10.173 min
Delta R.T.: 0.002 min
Response: 925977
Conc: 1.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

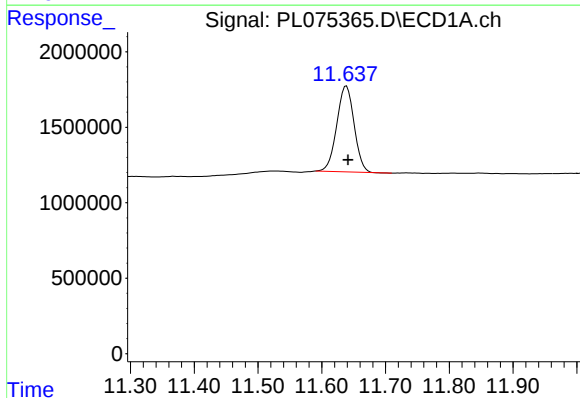
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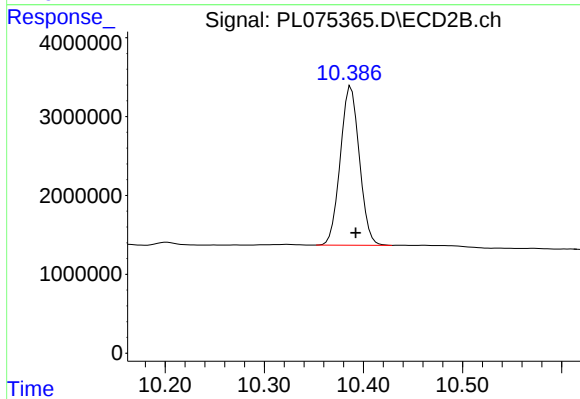
#21 Endrin ketone

R.T.: 9.291 min
Delta R.T.: -0.006 min
Response: 1640745
Conc: 1.03 ng/ml m



#28 Decachlorobiphenyl

R.T.: 11.639 min
Delta R.T.: -0.002 min
Response: 10762307
Conc: 20.07 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.387 min
Delta R.T.: -0.005 min
Response: 26939330
Conc: 19.63 ng/ml