

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032422\
 Data File : PL073645.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Mar 2022 09:14
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 03/25/2022
 Supervised By :mohammad ahmed 03/25/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 25 01:20:22 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031122.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 14 04:12:46 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...	4.641	5.491	7262144	37737720	22.674	22.993
28)	SA Decachlor...	10.416	11.332	11872187	40140950	23.348	22.448
Target Compounds							
2)	A alpha-BHC	5.349	6.054	4377907	23422189	10.621	10.411
3)	MA gamma-BHC...	5.773	6.443	4457695	22865520	10.686	10.709
6)	B beta-BHC	6.153	6.679	2668597	13118508	12.961	12.585
12)	B 4,4'-DDE	7.649	8.460	95361	446979	0.266	0.249m
14)	MA Endrin	8.068	8.846	22792449	87784445	58.743	57.024
16)	A 4,4'-DDD	8.235	8.987	541740	1640200	1.668	1.124m#
17)	MA 4,4'-DDT	8.495	9.307	41714270	173.7E6	110.302	106.296
18)	B Endrin al...	8.570	9.204	335141	359355	1.060	0.293 #
20)	A Methoxychlor	9.091	9.787	62468641	227.5E6	243.510	252.447
21)	B Endrin ke...	9.317	9.928	687056	1313013	1.404	0.795 #

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

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Acq On : 24 Mar 2022 09:14
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

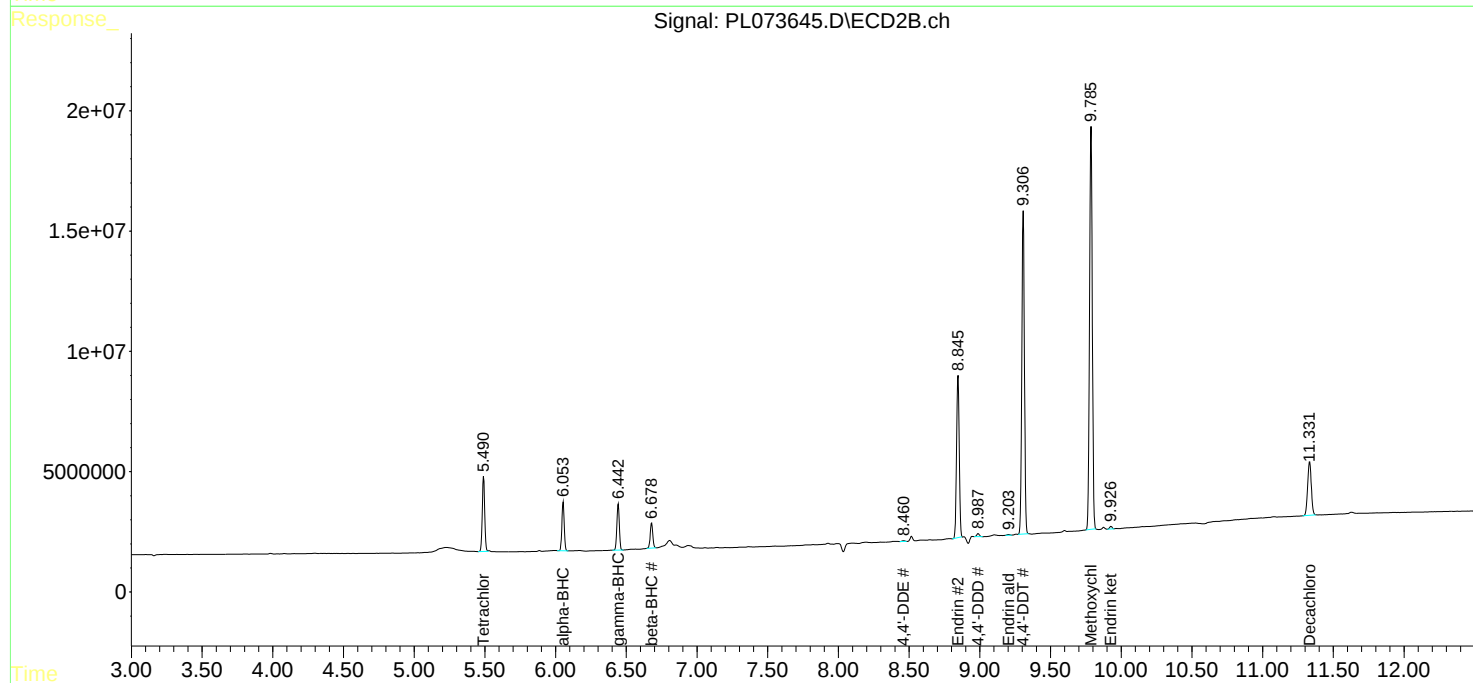
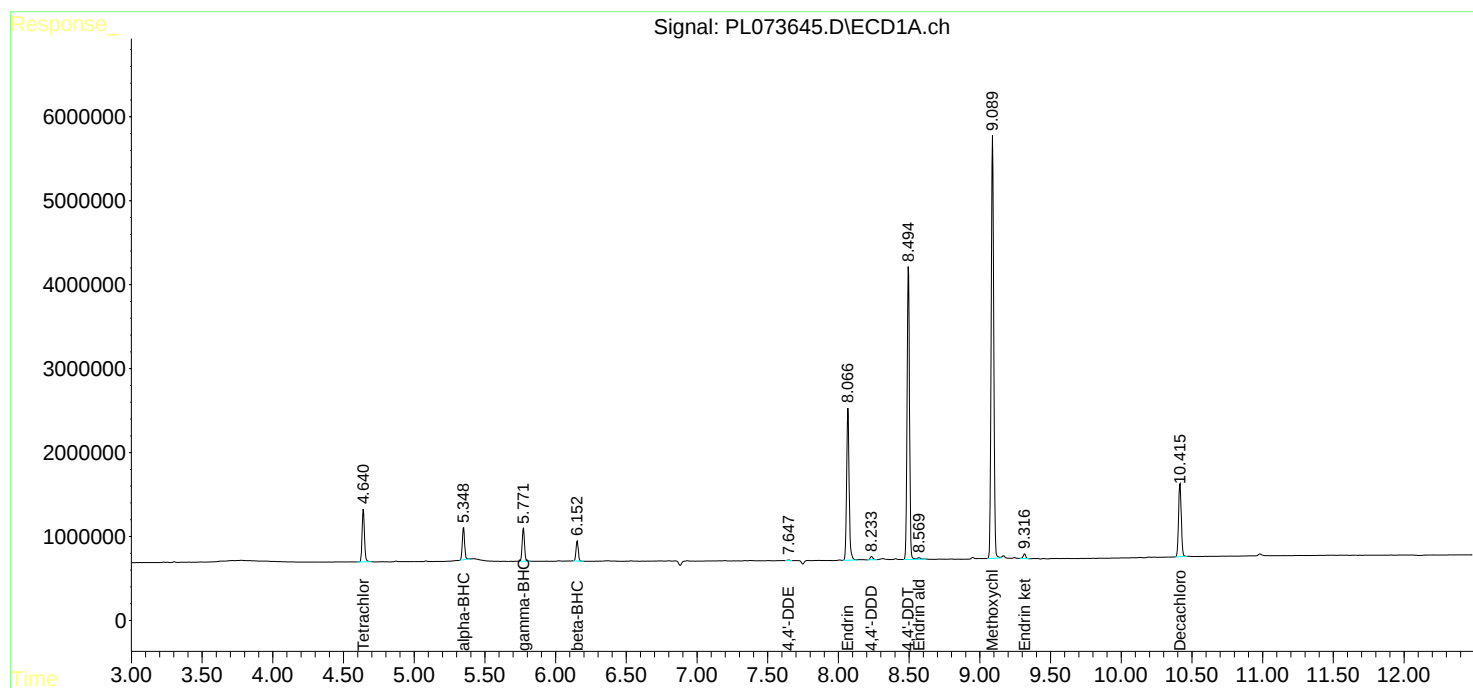
Instrument :
ECD_L
ClientSampleId :
PEM

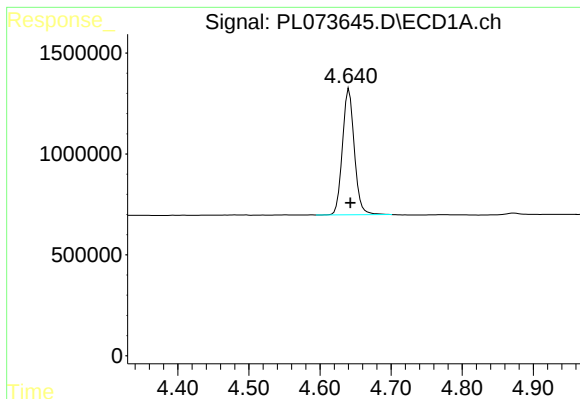
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
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Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031122.M
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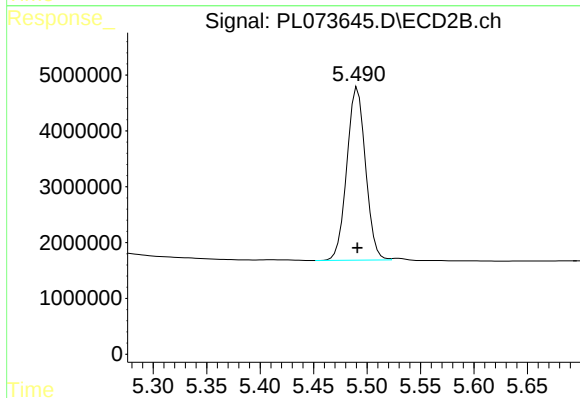
#1 Tetrachloro-m-xylene

R.T.: 4.641 min
Delta R.T.: -0.002 min
Response: 7262144
Conc: 22.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

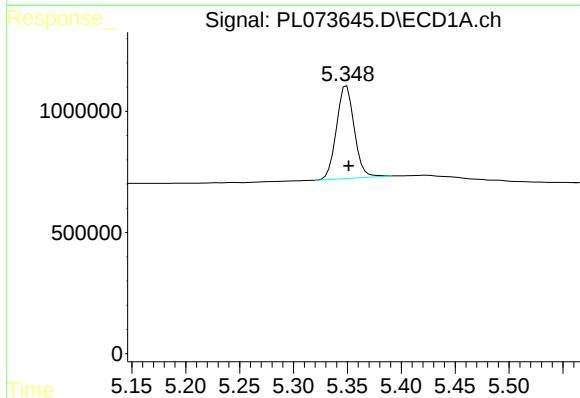
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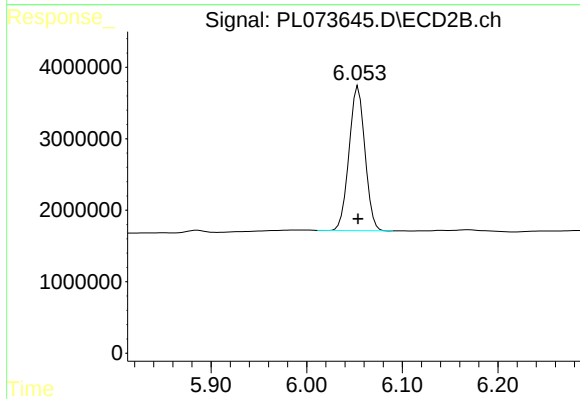
#1 Tetrachloro-m-xylene

R.T.: 5.491 min
Delta R.T.: 0.000 min
Response: 37737720
Conc: 22.99 ng/ml



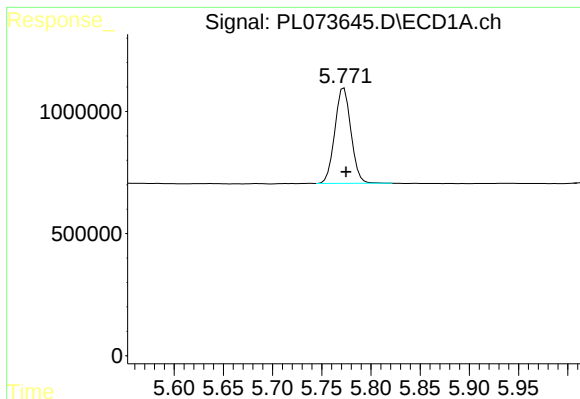
#2 alpha-BHC

R.T.: 5.349 min
Delta R.T.: -0.002 min
Response: 4377907
Conc: 10.62 ng/ml



#2 alpha-BHC

R.T.: 6.054 min
Delta R.T.: 0.000 min
Response: 23422189
Conc: 10.41 ng/ml



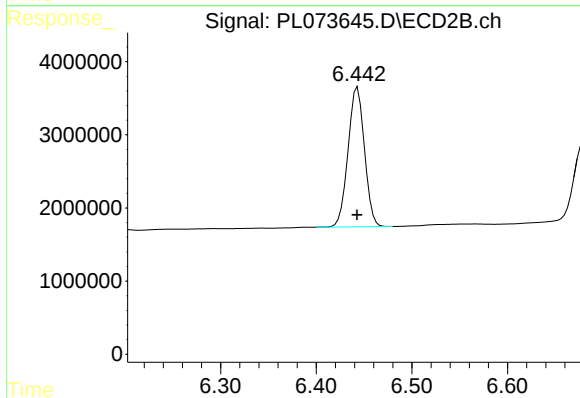
#3 gamma-BHC (Lindane)

R.T.: 5.773 min
Delta R.T.: -0.002 min
Response: 4457695
Conc: 10.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

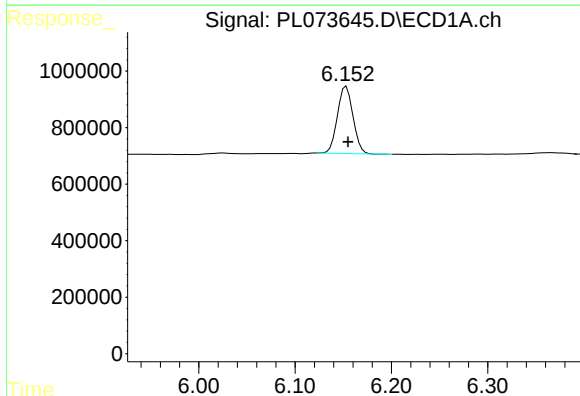
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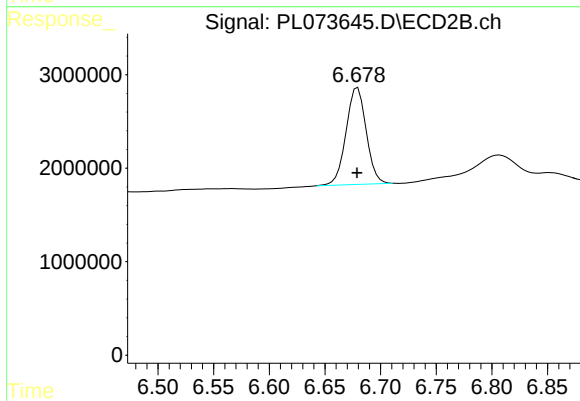
#3 gamma-BHC (Lindane)

R.T.: 6.443 min
Delta R.T.: 0.000 min
Response: 22865520
Conc: 10.71 ng/ml



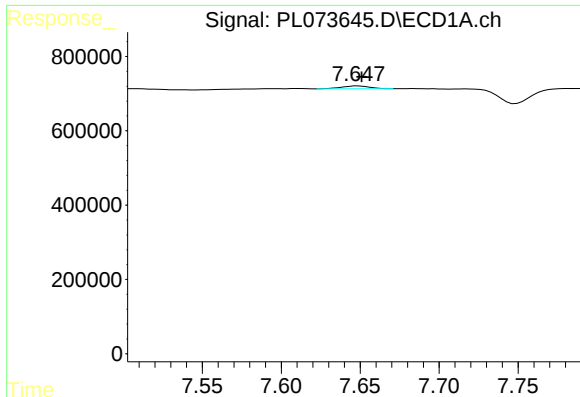
#6 beta-BHC

R.T.: 6.153 min
Delta R.T.: -0.002 min
Response: 2668597
Conc: 12.96 ng/ml



#6 beta-BHC

R.T.: 6.679 min
Delta R.T.: 0.000 min
Response: 13118508
Conc: 12.59 ng/ml



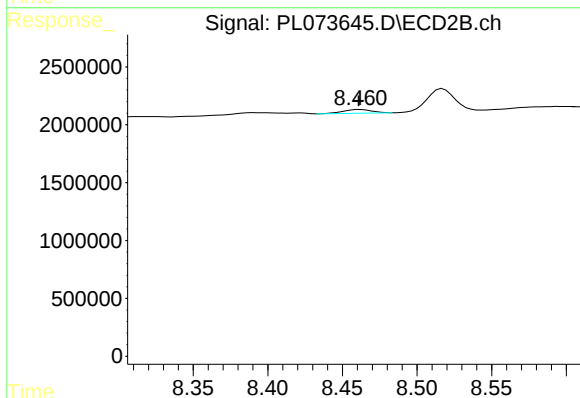
#12 4,4'-DDE

R.T.: 7.649 min
Delta R.T.: -0.002 min
Response: 95361
Conc: 0.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

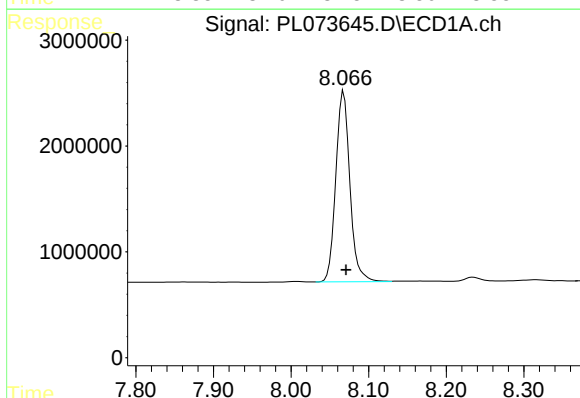
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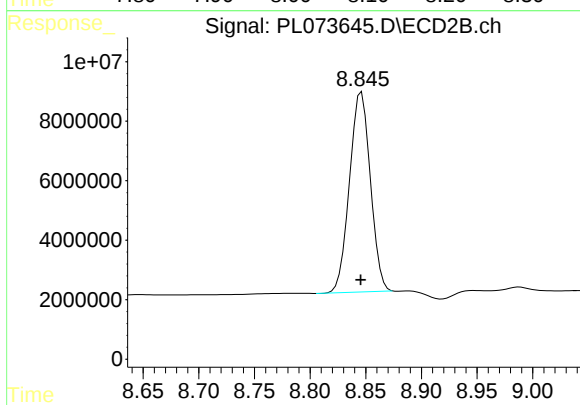
#12 4,4'-DDE

R.T.: 8.460 min
Delta R.T.: 0.000 min
Response: 446979
Conc: 0.25 ng/ml m



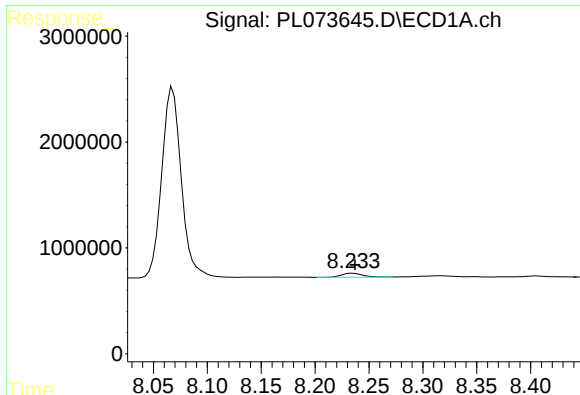
#14 Endrin

R.T.: 8.068 min
Delta R.T.: -0.003 min
Response: 22792449
Conc: 58.74 ng/ml



#14 Endrin

R.T.: 8.846 min
Delta R.T.: 0.000 min
Response: 87784445
Conc: 57.02 ng/ml



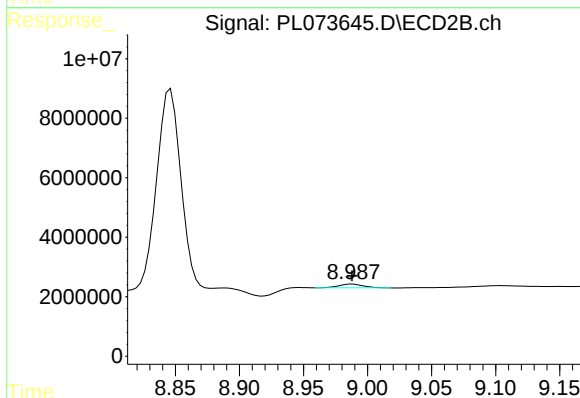
#16 4,4'-DDD

R.T.: 8.235 min
Delta R.T.: -0.002 min
Response: 541740
Conc: 1.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

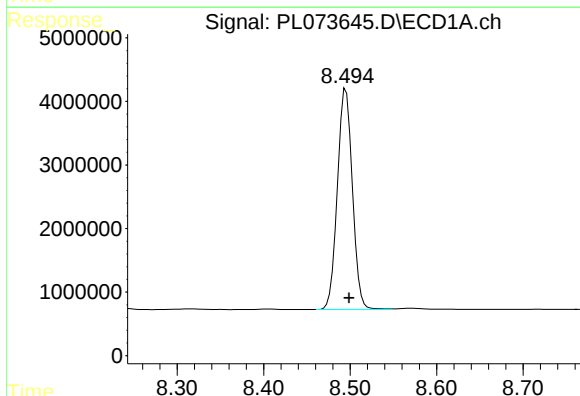
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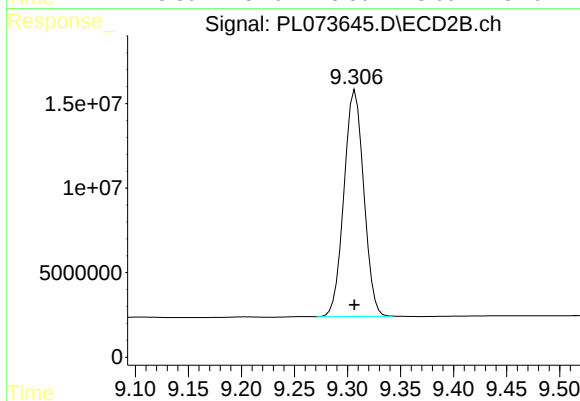
#16 4,4'-DDD

R.T.: 8.987 min
Delta R.T.: -0.001 min
Response: 1640200
Conc: 1.12 ng/ml m



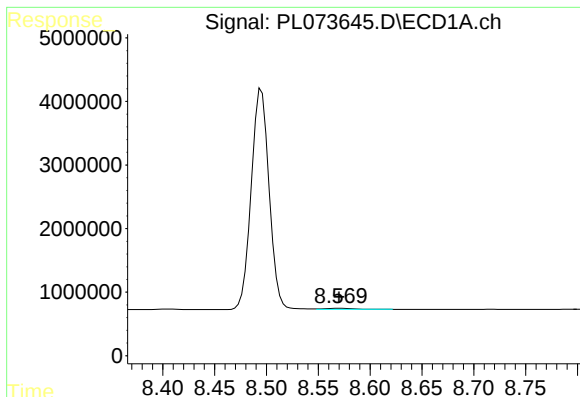
#17 4,4'-DDT

R.T.: 8.495 min
Delta R.T.: -0.003 min
Response: 41714270
Conc: 110.30 ng/ml



#17 4,4'-DDT

R.T.: 9.307 min
Delta R.T.: 0.000 min
Response: 173743469
Conc: 106.30 ng/ml



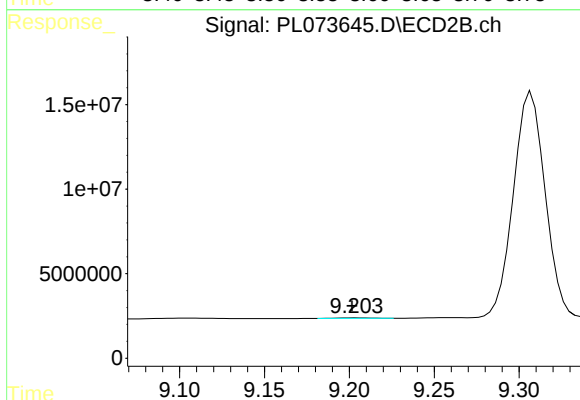
#18 Endrin aldehyde

R.T.: 8.570 min
Delta R.T.: 0.000 min
Response: 335141
Conc: 1.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

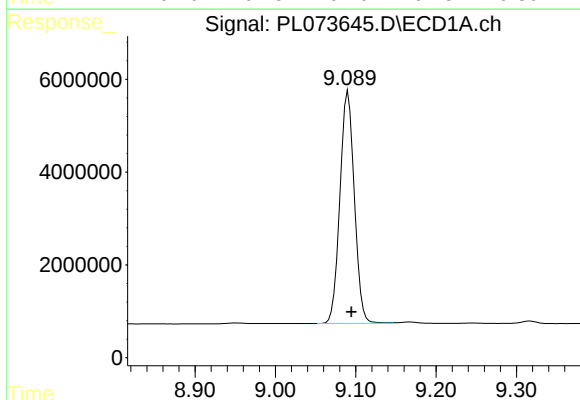
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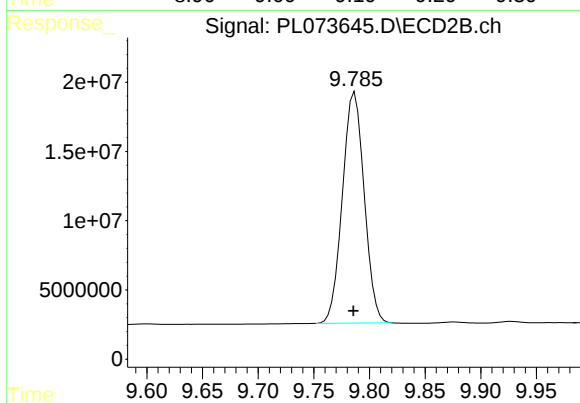
#18 Endrin aldehyde

R.T.: 9.204 min
Delta R.T.: 0.002 min
Response: 359355
Conc: 0.29 ng/ml



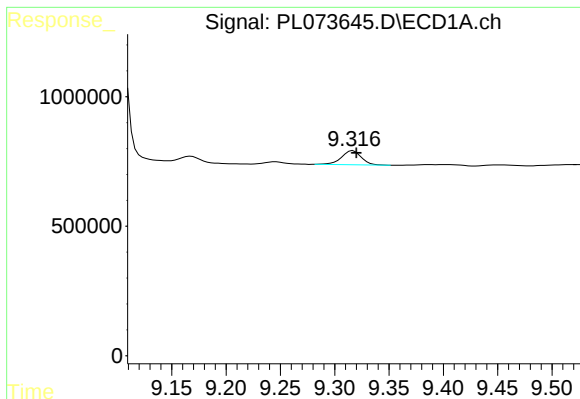
#20 Methoxychlor

R.T.: 9.091 min
Delta R.T.: -0.004 min
Response: 62468641
Conc: 243.51 ng/ml



#20 Methoxychlor

R.T.: 9.787 min
Delta R.T.: 0.001 min
Response: 227473898
Conc: 252.45 ng/ml



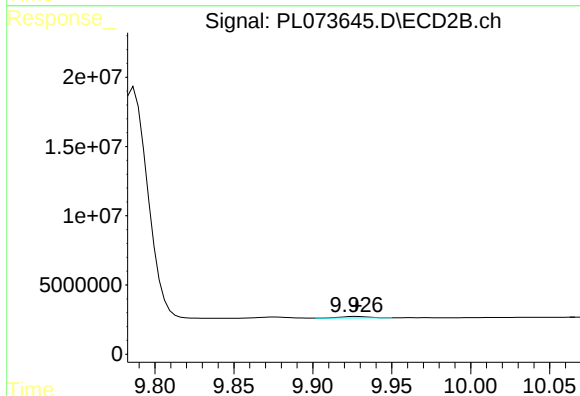
#21 Endrin ketone

R.T.: 9.317 min
Delta R.T.: -0.003 min
Response: 687056
Conc: 1.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

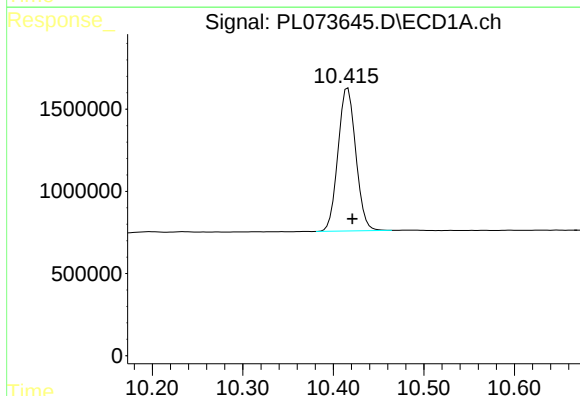
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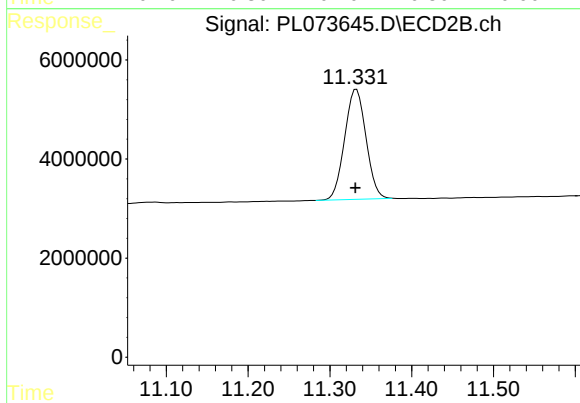
#21 Endrin ketone

R.T.: 9.928 min
Delta R.T.: 0.000 min
Response: 1313013
Conc: 0.80 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.416 min
Delta R.T.: -0.005 min
Response: 11872187
Conc: 23.35 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.332 min
Delta R.T.: 0.001 min
Response: 40140950
Conc: 22.45 ng/ml