

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092624\
 Data File : PL092067.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Sep 2024 11:05
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 09/29/2024
 Supervised By : Ankita Jodhani 09/30/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 26 14:28:37 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 23 16:44:57 2024
 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...	3.539	2.780	30669145	45323781	13.786m	18.071 #
28)	SA Decachlor...	9.056	7.920	23131041	39395179	14.120m	15.746
Target Compounds							
2)	A alpha-BHC	3.996	3.283	23625396	30432689	7.630	8.353
3)	MA gamma-BHC...	4.327	3.613	65687596	28682529	21.198m	8.123 #
6)	B beta-BHC	4.526	3.912	7991529	13052985	6.025	8.684 #
14)	MA Endrin	6.576	5.645	64836833	104.3E6	31.464	39.785 #
17)	MA 4,4'-DDT	7.025	6.043	133.0E6	204.7E6	72.224	88.510
18)	B Endrin al...	6.919	6.118	1845091	2299628	1.059m	1.127m
20)	A Methoxychlor	7.501	6.618	170.0E6	258.6E6	173.189	206.831
21)	B Endrin ke...	7.648	6.846	7081661	4477270	3.223m	1.617m#

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

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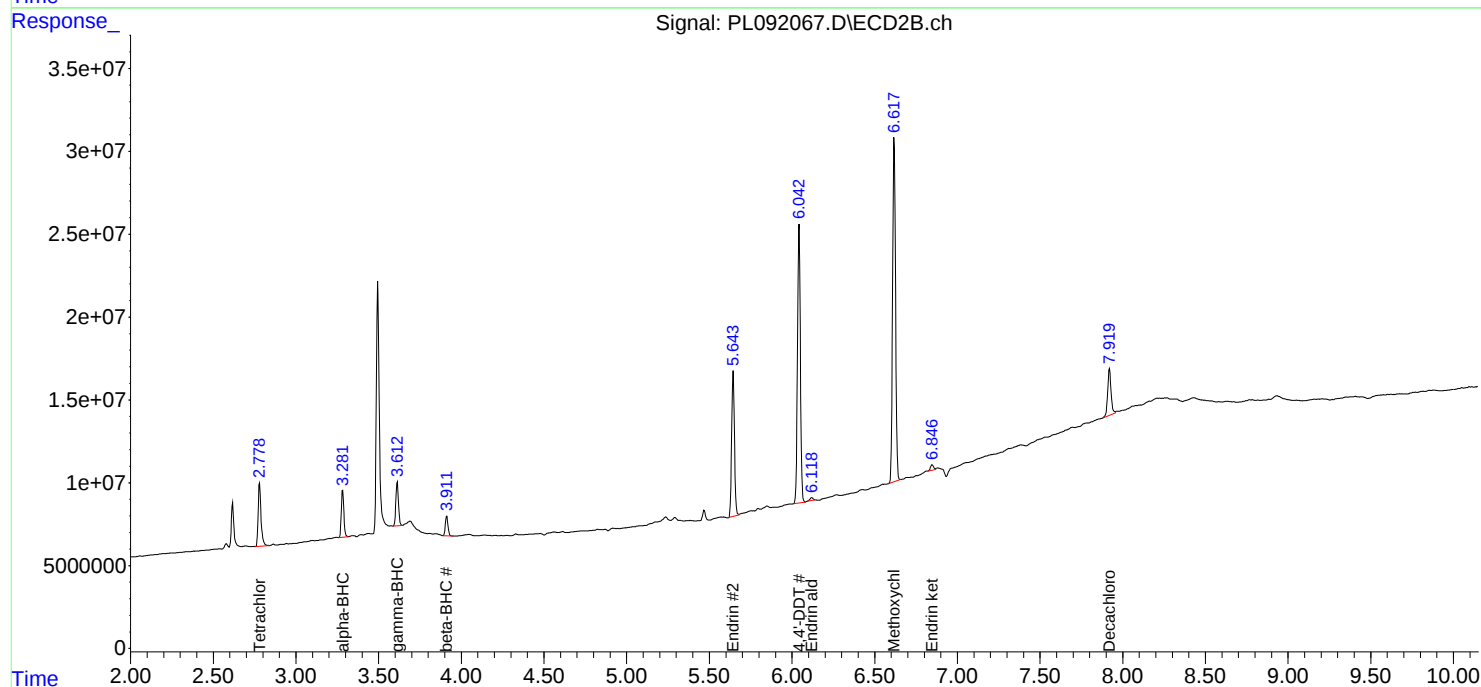
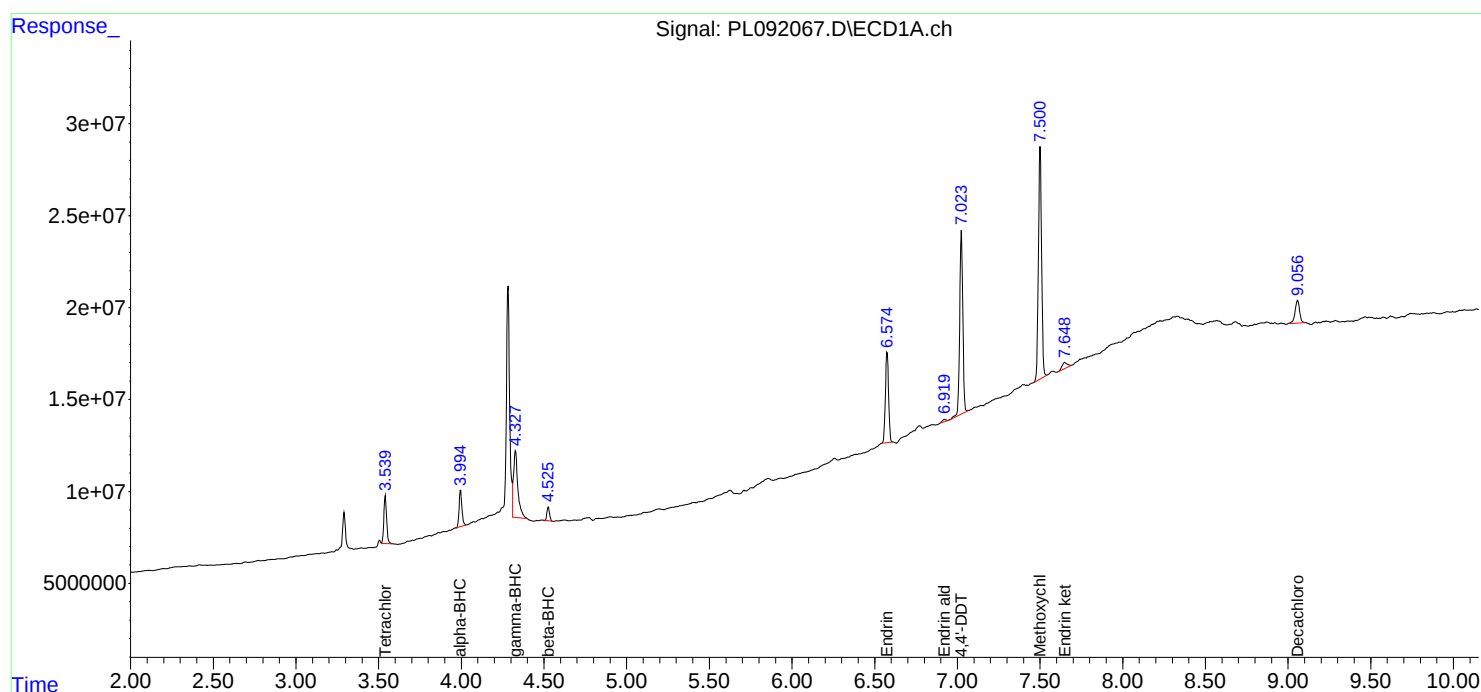
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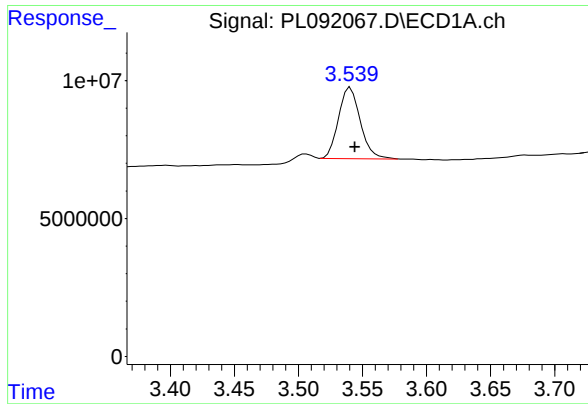
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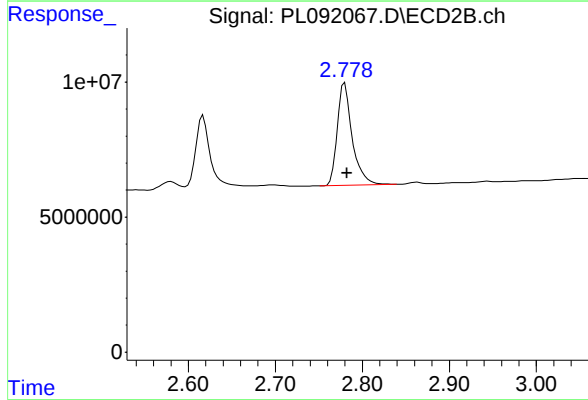
#1 Tetrachloro-m-xylene

R.T.: 3.539 min
Delta R.T.: -0.005 min
Response: 30669145
Conc: 13.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

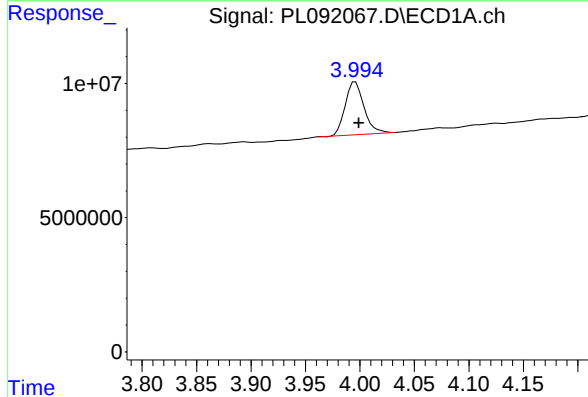
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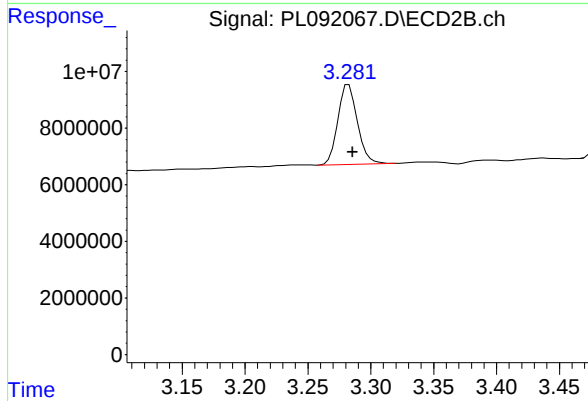
#1 Tetrachloro-m-xylene

R.T.: 2.780 min
Delta R.T.: -0.002 min
Response: 45323781
Conc: 18.07 ng/ml



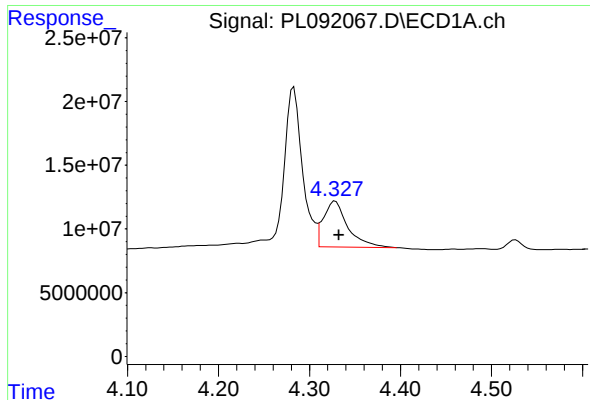
#2 alpha-BHC

R.T.: 3.996 min
Delta R.T.: -0.003 min
Response: 23625396
Conc: 7.63 ng/ml



#2 alpha-BHC

R.T.: 3.283 min
Delta R.T.: -0.003 min
Response: 30432689
Conc: 8.35 ng/ml



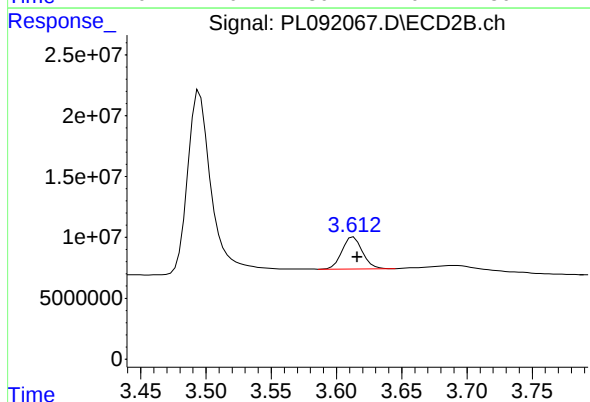
#3 gamma-BHC (Lindane)

R.T.: 4.327 min
Delta R.T.: -0.005 min
Response: 65687596
Conc: 21.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

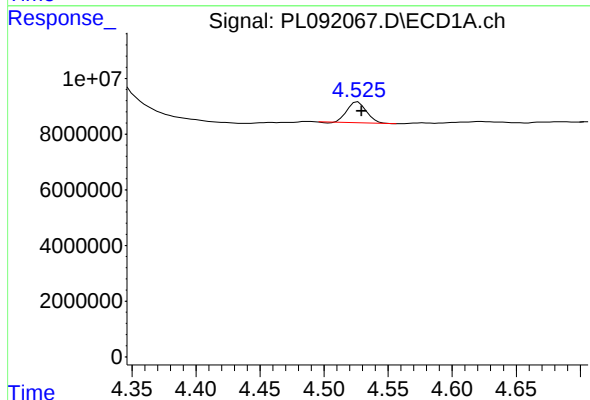
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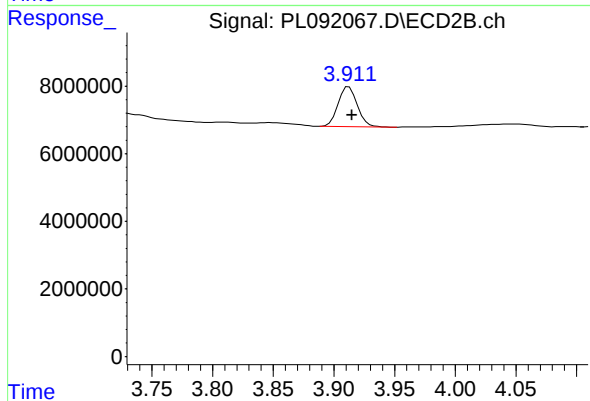
#3 gamma-BHC (Lindane)

R.T.: 3.613 min
Delta R.T.: -0.003 min
Response: 28682529
Conc: 8.12 ng/ml



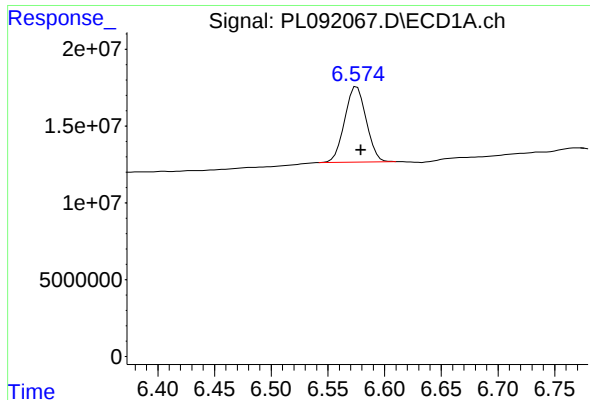
#6 beta-BHC

R.T.: 4.526 min
Delta R.T.: -0.003 min
Response: 7991529
Conc: 6.03 ng/ml



#6 beta-BHC

R.T.: 3.912 min
Delta R.T.: -0.003 min
Response: 13052985
Conc: 8.68 ng/ml



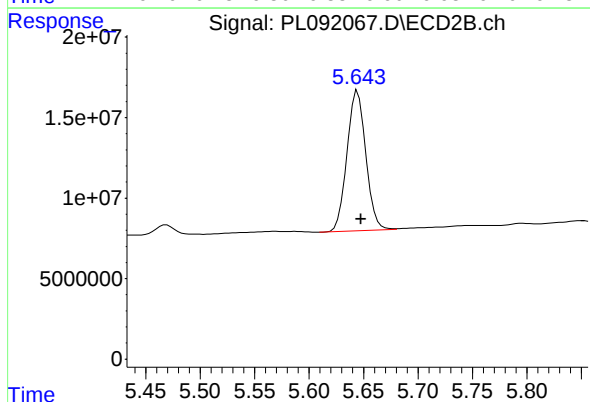
#14 Endrin

R.T.: 6.576 min
Delta R.T.: -0.004 min
Response: 64836833
Conc: 31.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

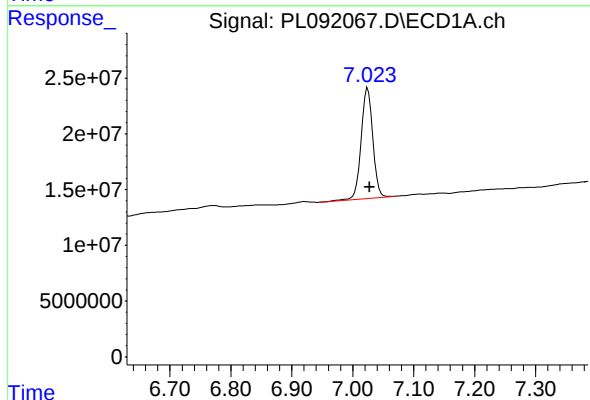
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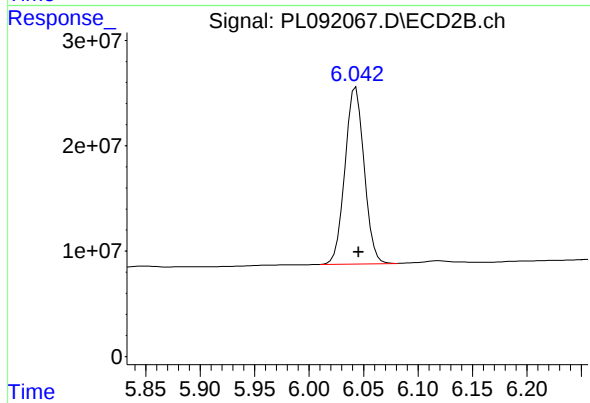
#14 Endrin

R.T.: 5.645 min
Delta R.T.: -0.003 min
Response: 104323204
Conc: 39.78 ng/ml



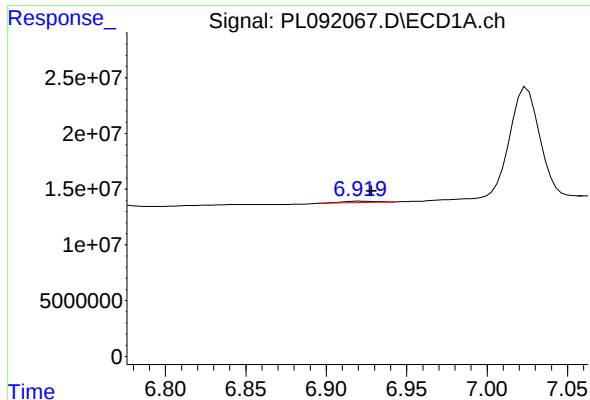
#17 4,4'-DDT

R.T.: 7.025 min
Delta R.T.: -0.003 min
Response: 132978868
Conc: 72.22 ng/ml



#17 4,4'-DDT

R.T.: 6.043 min
Delta R.T.: -0.003 min
Response: 204738796
Conc: 88.51 ng/ml



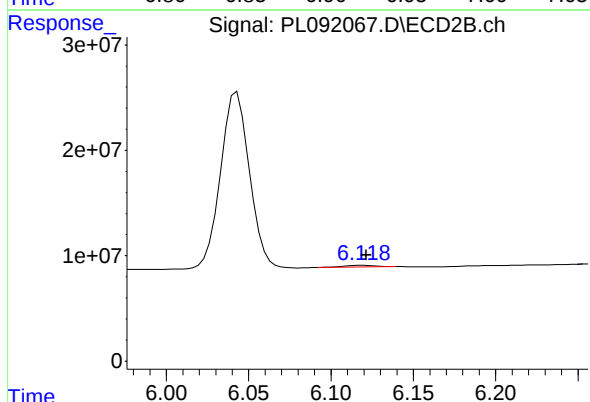
#18 Endrin aldehyde

R.T.: 6.919 min
Delta R.T.: -0.009 min
Response: 1845091
Conc: 1.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

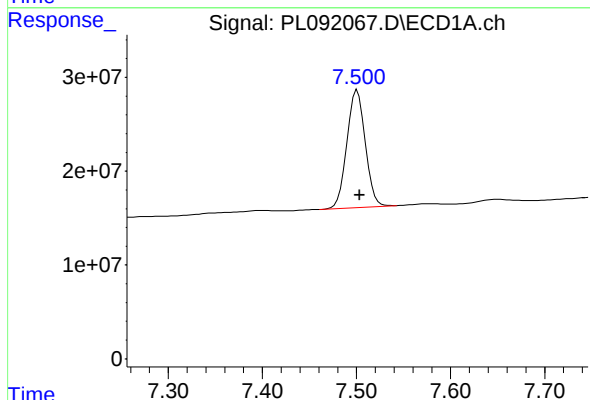
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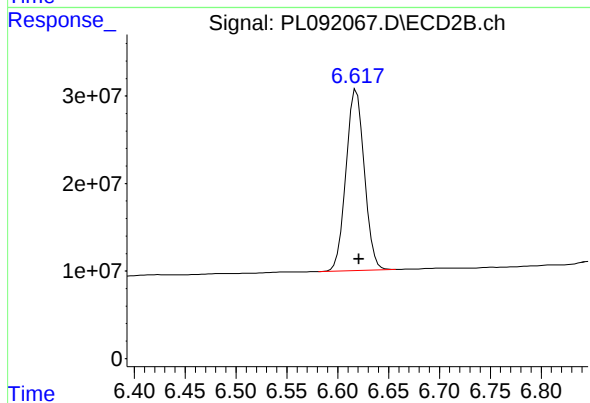
#18 Endrin aldehyde

R.T.: 6.118 min
Delta R.T.: -0.003 min
Response: 2299628
Conc: 1.13 ng/ml m



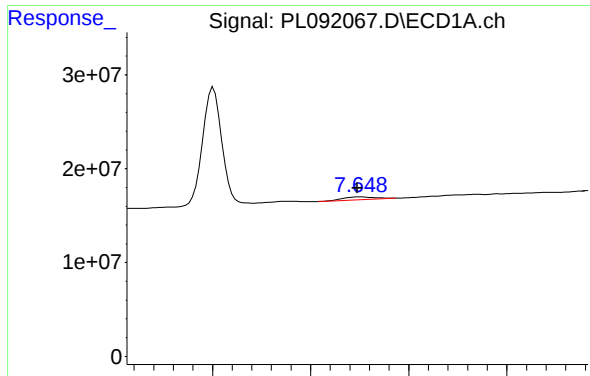
#20 Methoxychlor

R.T.: 7.501 min
Delta R.T.: -0.003 min
Response: 170021236
Conc: 173.19 ng/ml



#20 Methoxychlor

R.T.: 6.618 min
Delta R.T.: -0.003 min
Response: 258610574
Conc: 206.83 ng/ml



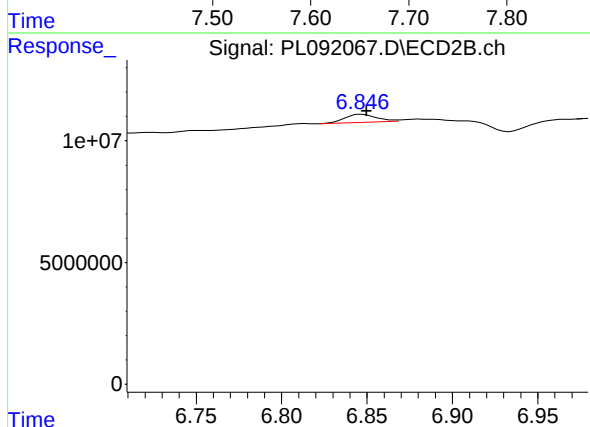
#21 Endrin ketone

R.T.: 7.648 min
Delta R.T.: 0.000 min
Response: 7081661
Conc: 3.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

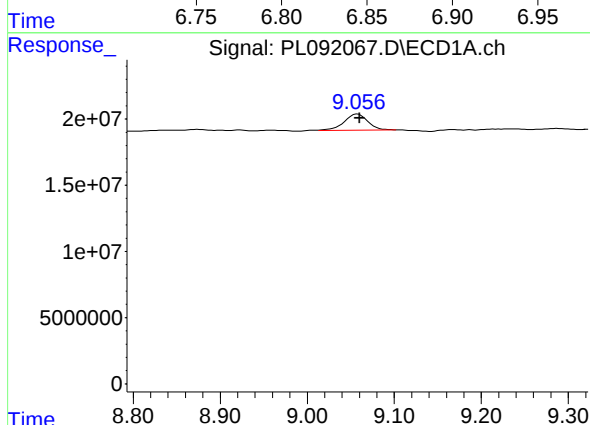
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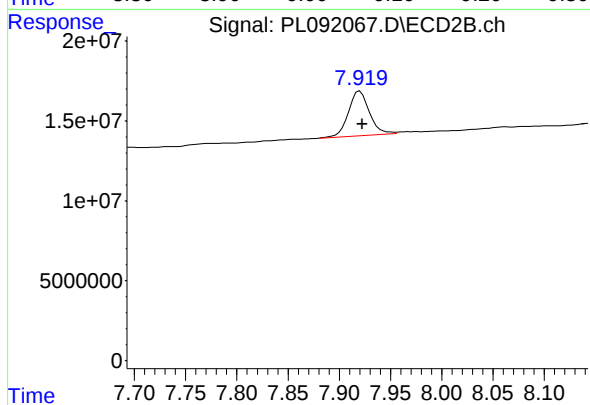
#21 Endrin ketone

R.T.: 6.846 min
Delta R.T.: -0.004 min
Response: 4477270
Conc: 1.62 ng/ml m



#28 Decachlorobiphenyl

R.T.: 9.056 min
Delta R.T.: -0.004 min
Response: 23131041
Conc: 14.12 ng/ml m



#28 Decachlorobiphenyl

R.T.: 7.920 min
Delta R.T.: -0.003 min
Response: 39395179
Conc: 15.75 ng/ml