

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL101724\
 Data File : PL092427.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Oct 2024 11:18
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 10/18/2024
 Supervised By : Ankita Jodhani 10/18/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 17 12:43:44 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...	3.543	2.780	45229089	49628755	20.331	19.788
28)	SA Decachlor...	9.059	7.919	33187674	52354582	20.258	20.926
Target Compounds							
2)	A alpha-BHC	3.999	3.283	32156808	34306748	10.385	9.416
3)	MA gamma-BHC...	4.331	3.613	30748090	32249353	9.923	9.133
6)	B beta-BHC	4.528	3.913	14346414	15900741	10.816	10.579
12)	B 4,4'-DDE	6.194	5.236	322269	299449	0.149m	0.108m#
14)	MA Endrin	6.578	5.644	90810188	129.9E6	44.068	49.545
16)	A 4,4'-DDD	6.715	5.794	1326081	2013337	0.738m	0.942 #
17)	MA 4,4'-DDT	7.028	6.043	169.9E6	256.7E6	92.298	110.992
18)	B Endrin al...	6.928	6.118	2217553	3914807	1.272	1.918 #
20)	A Methoxychlor	7.503	6.618	220.7E6	314.3E6	224.857	251.349
21)	B Endrin ke...	7.646	6.846	4215342	5768294	1.918	2.083

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

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Acq On : 17 Oct 2024 11:18
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

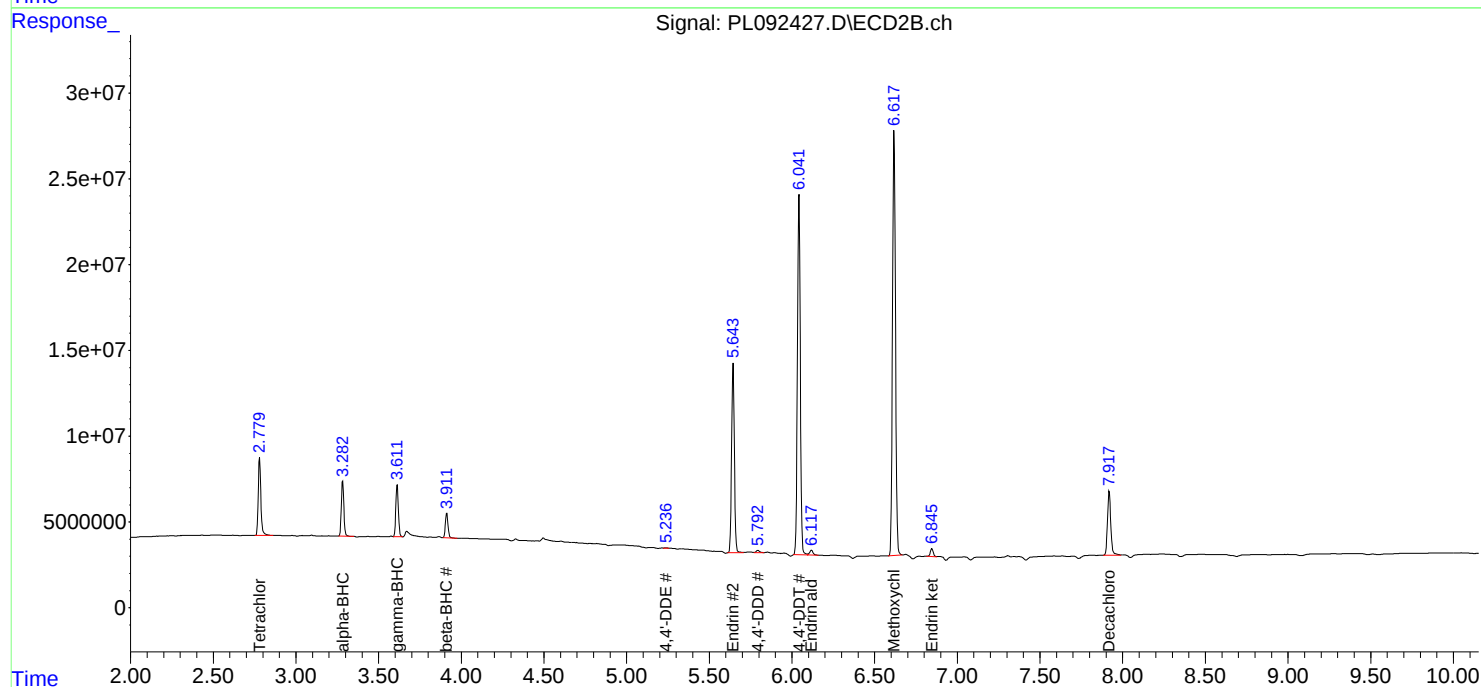
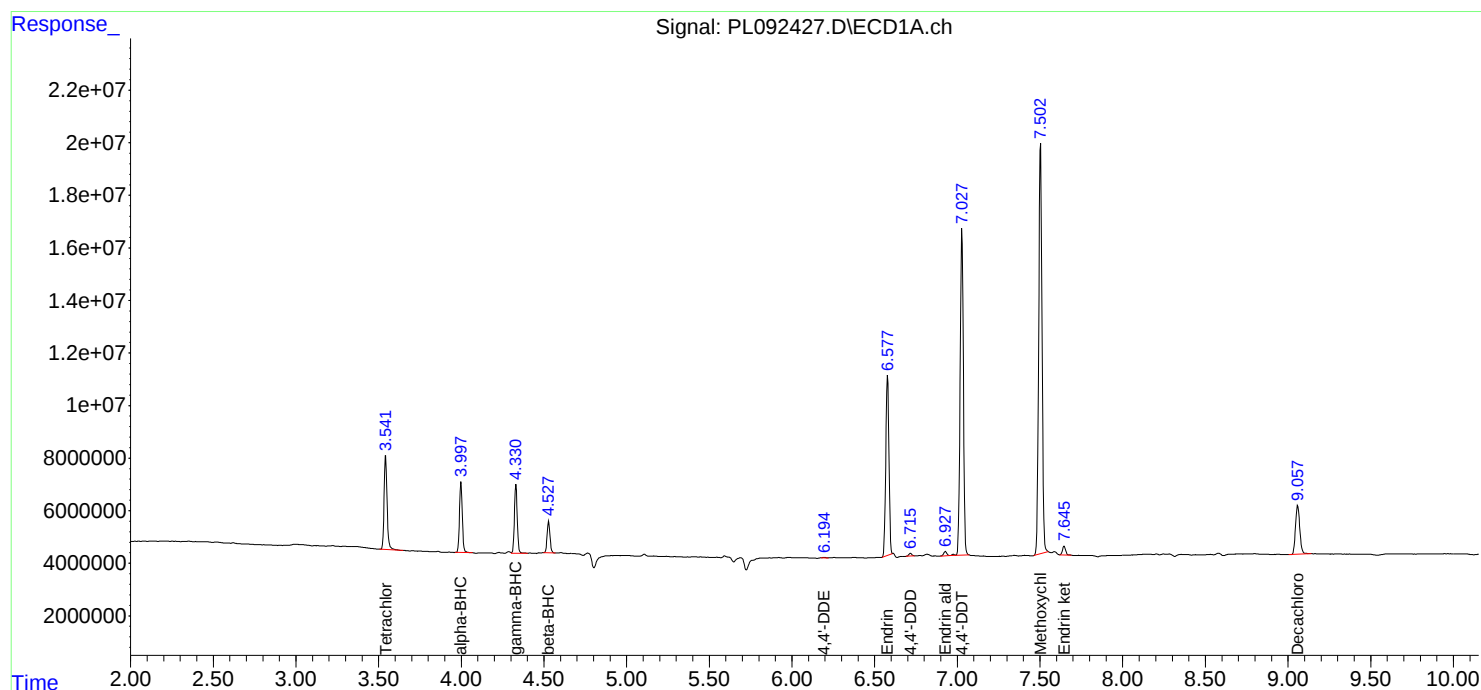
Instrument :
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ClientSampleId :
PEM

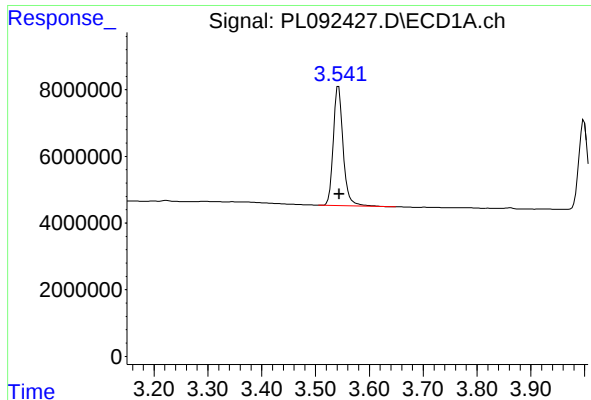
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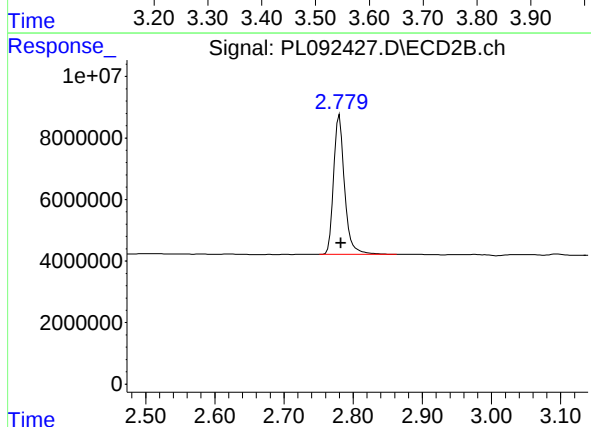
#1 Tetrachloro-m-xylene

R.T.: 3.543 min
Delta R.T.: -0.001 min
Response: 45229089
Conc: 20.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

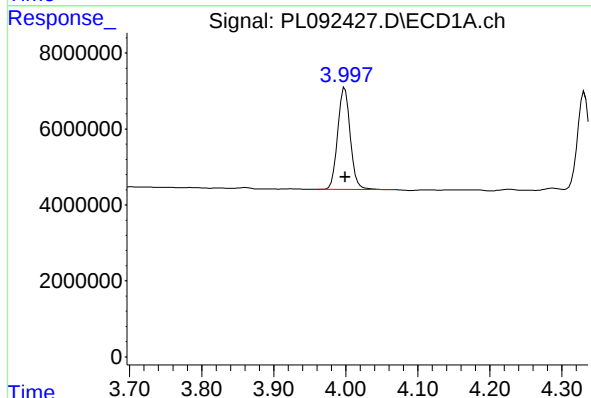
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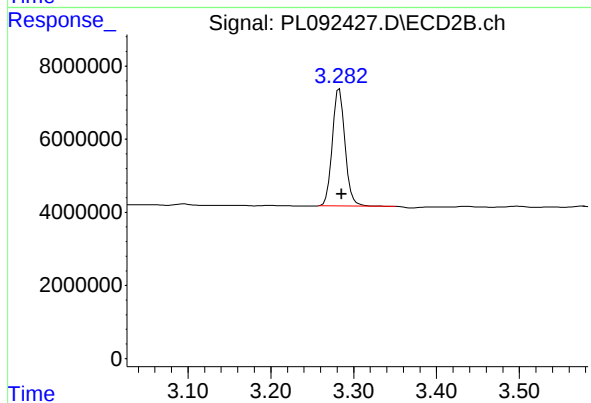
#1 Tetrachloro-m-xylene

R.T.: 2.780 min
Delta R.T.: -0.002 min
Response: 49628755
Conc: 19.79 ng/ml



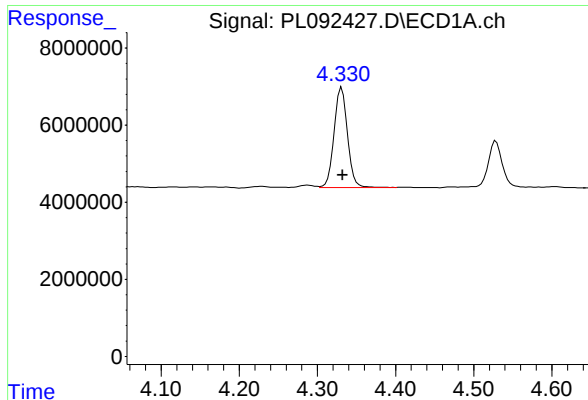
#2 alpha-BHC

R.T.: 3.999 min
Delta R.T.: 0.000 min
Response: 32156808
Conc: 10.38 ng/ml



#2 alpha-BHC

R.T.: 3.283 min
Delta R.T.: -0.003 min
Response: 34306748
Conc: 9.42 ng/ml



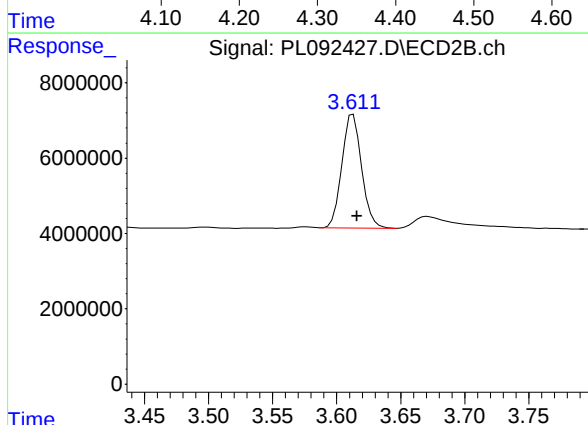
#3 gamma-BHC (Lindane)

R.T.: 4.331 min
Delta R.T.: -0.001 min
Response: 30748090
Conc: 9.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

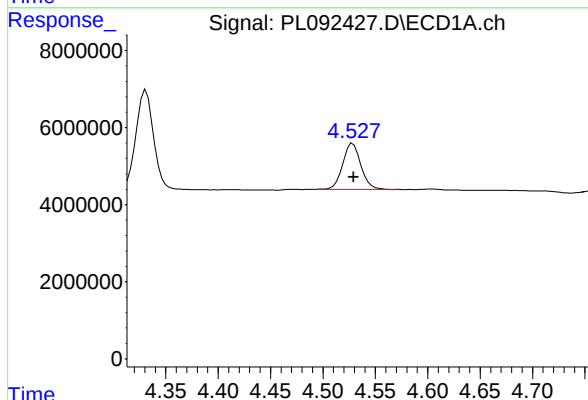
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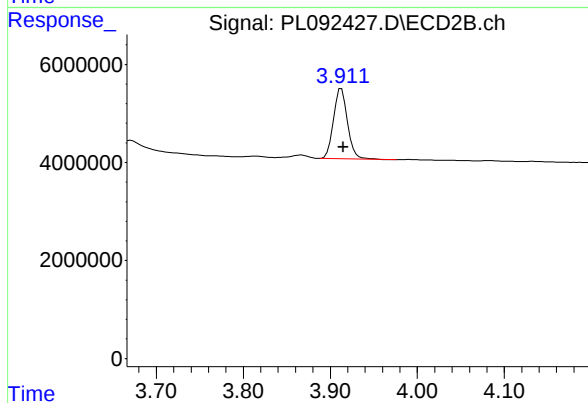
#3 gamma-BHC (Lindane)

R.T.: 3.613 min
Delta R.T.: -0.003 min
Response: 32249353
Conc: 9.13 ng/ml



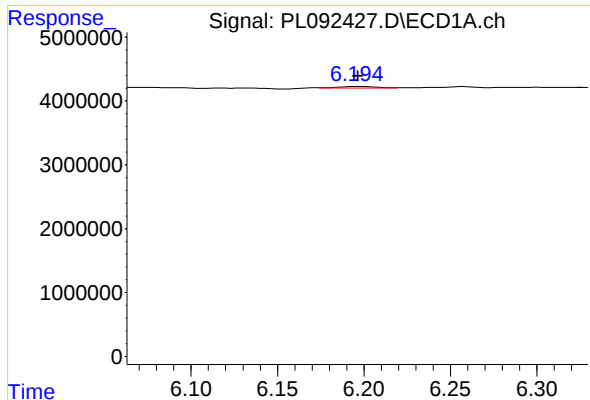
#6 beta-BHC

R.T.: 4.528 min
Delta R.T.: 0.000 min
Response: 14346414
Conc: 10.82 ng/ml



#6 beta-BHC

R.T.: 3.913 min
Delta R.T.: -0.002 min
Response: 15900741
Conc: 10.58 ng/ml



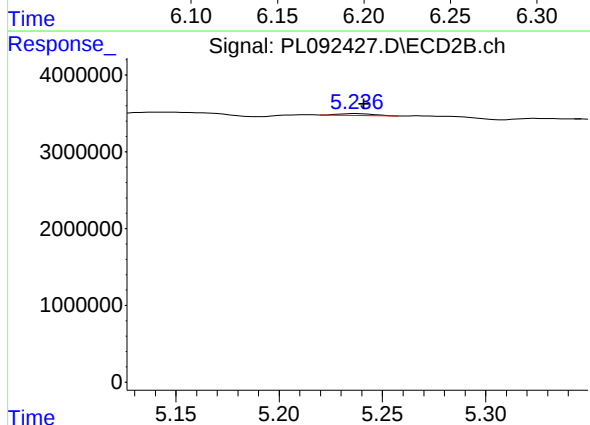
#12 4,4'-DDE

R.T.: 6.194 min
Delta R.T.: -0.002 min
Response: 322269
Conc: 0.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

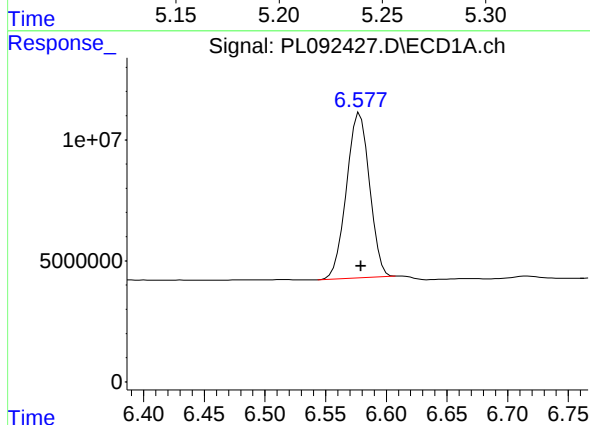
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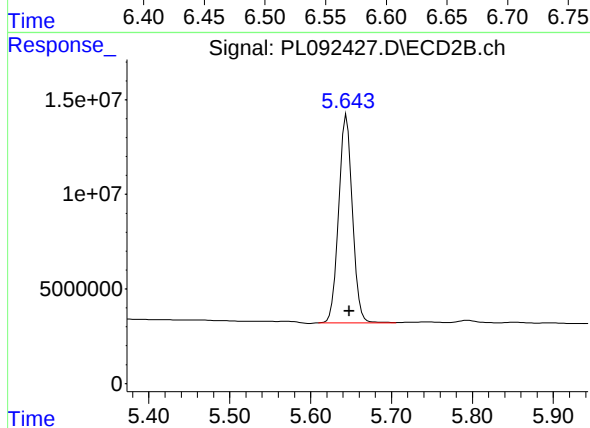
#12 4,4'-DDE

R.T.: 5.236 min
Delta R.T.: -0.005 min
Response: 299449
Conc: 0.11 ng/ml



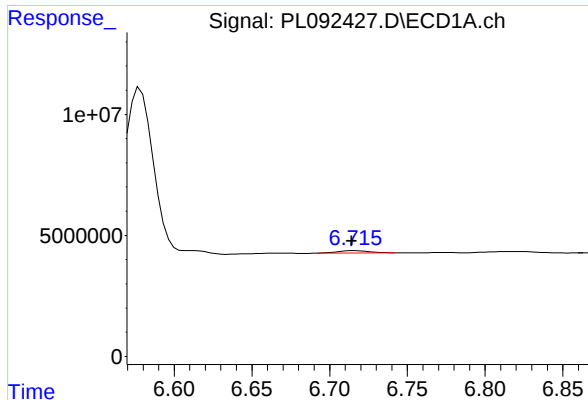
#14 Endrin

R.T.: 6.578 min
Delta R.T.: -0.001 min
Response: 90810188
Conc: 44.07 ng/ml



#14 Endrin

R.T.: 5.644 min
Delta R.T.: -0.003 min
Response: 129915182
Conc: 49.54 ng/ml



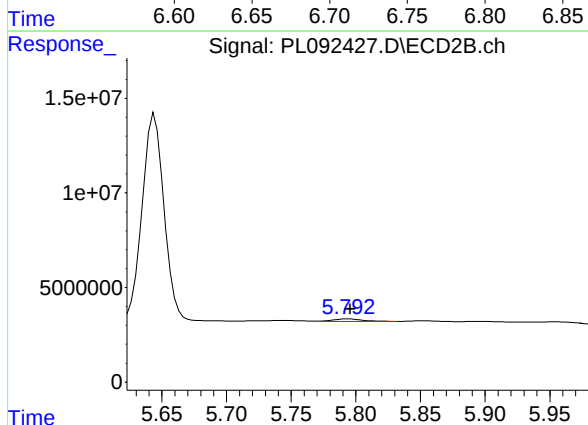
#16 4,4'-DDD

R.T.: 6.715 min
Delta R.T.: 0.000 min
Response: 1326081
Conc: 0.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

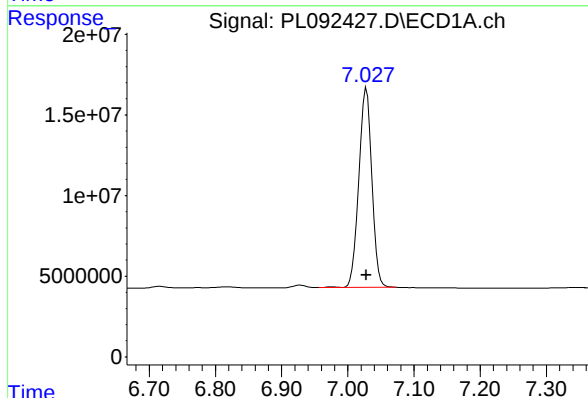
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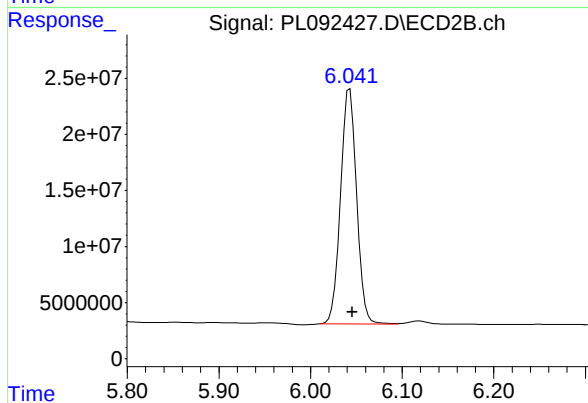
#16 4,4'-DDD

R.T.: 5.794 min
Delta R.T.: -0.002 min
Response: 2013337
Conc: 0.94 ng/ml



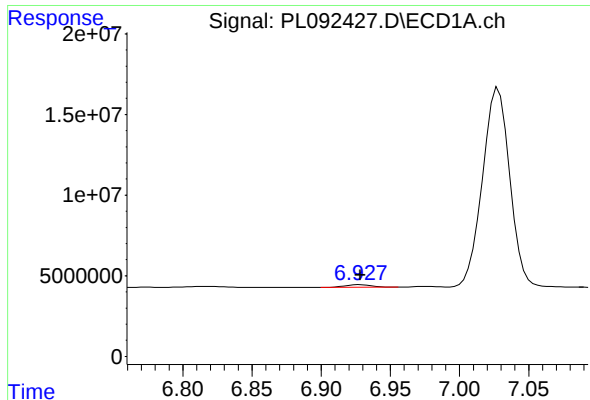
#17 4,4'-DDT

R.T.: 7.028 min
Delta R.T.: 0.000 min
Response: 169938793
Conc: 92.30 ng/ml



#17 4,4'-DDT

R.T.: 6.043 min
Delta R.T.: -0.003 min
Response: 256741690
Conc: 110.99 ng/ml



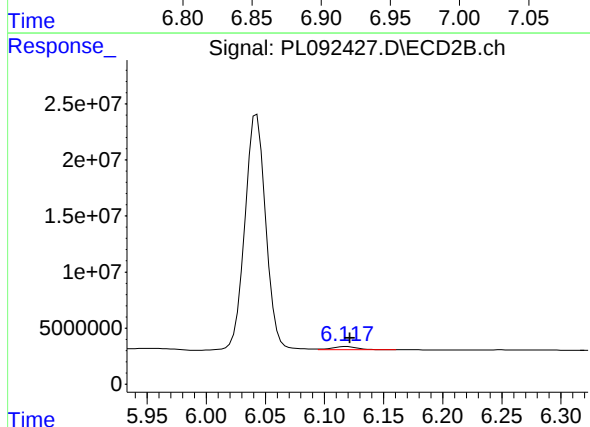
#18 Endrin aldehyde

R.T.: 6.928 min
Delta R.T.: 0.000 min
Response: 2217553
Conc: 1.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

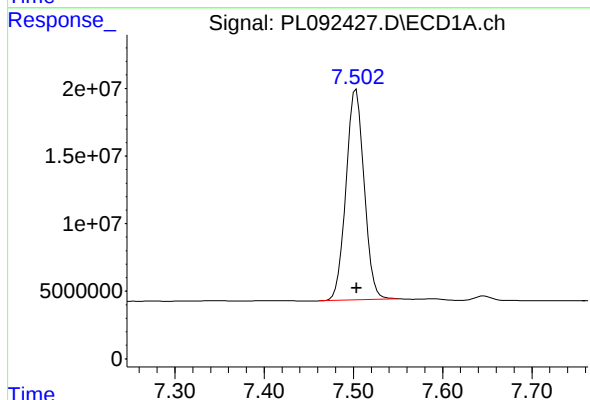
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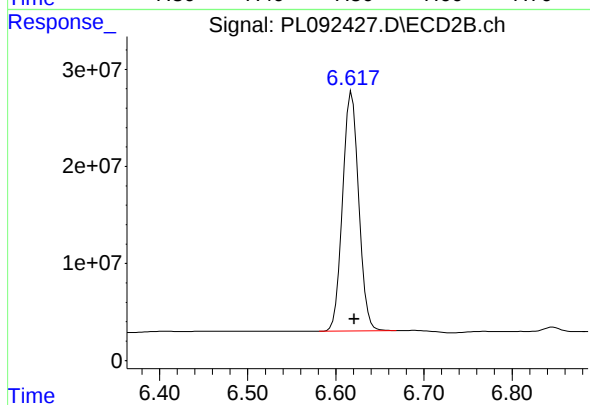
#18 Endrin aldehyde

R.T.: 6.118 min
Delta R.T.: -0.003 min
Response: 3914807
Conc: 1.92 ng/ml



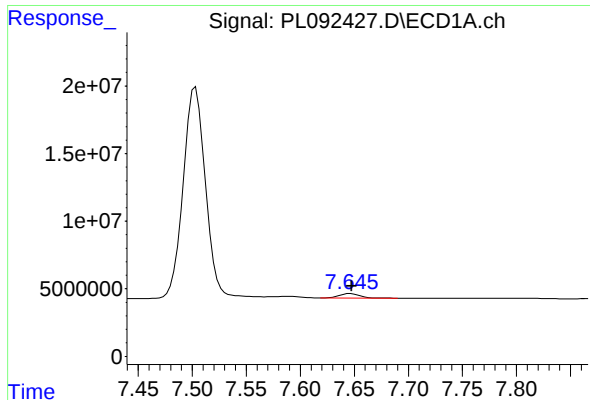
#20 Methoxychlor

R.T.: 7.503 min
Delta R.T.: 0.000 min
Response: 220745019
Conc: 224.86 ng/ml



#20 Methoxychlor

R.T.: 6.618 min
Delta R.T.: -0.003 min
Response: 314273685
Conc: 251.35 ng/ml



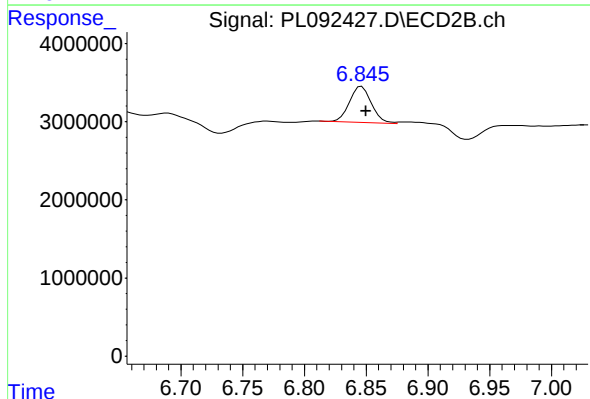
#21 Endrin ketone

R.T.: 7.646 min
Delta R.T.: -0.001 min
Response: 4215342
Conc: 1.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

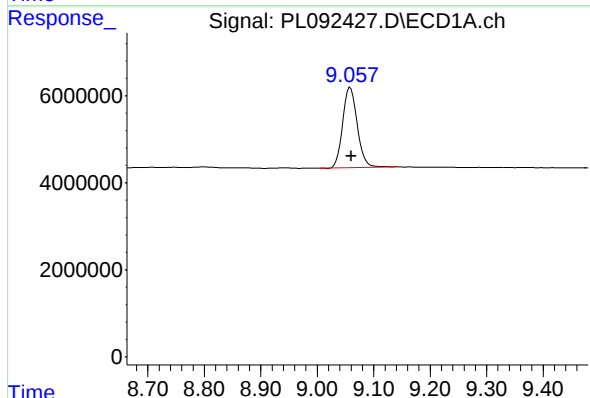
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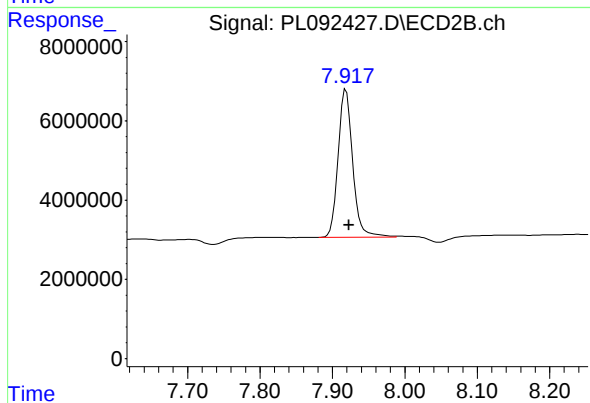
#21 Endrin ketone

R.T.: 6.846 min
Delta R.T.: -0.004 min
Response: 5768294
Conc: 2.08 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.059 min
Delta R.T.: -0.002 min
Response: 33187674
Conc: 20.26 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.919 min
Delta R.T.: -0.004 min
Response: 52354582
Conc: 20.93 ng/ml