

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111124\
 Data File : PL092942.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Nov 2024 09:49
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 11/12/2024
 Supervised By : Ankita Jodhani 11/12/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 11 23:44:39 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102824.M
 Quant Title : GC Extractables
 QLast Update : Mon Oct 28 18:58:23 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...	3.542	2.778	55891869	60760662	22.811	22.329
28)	SA Decachlor...	9.061	7.918	39263888	53083659	20.402	19.450
Target Compounds							
2)	A alpha-BHC	3.998	3.280	39926493	42665186	11.772	10.693
3)	MA gamma-BHC...	4.331	3.611	37717199	39666101	11.571	10.278
6)	B beta-BHC	4.529	3.911	17529188	19320729	12.127	11.736
12)	B 4,4'-DDE	6.195	5.235	604610	556896	0.255m	0.173m#
14)	MA Endrin	6.578	5.643	96281762	146.1E6	42.291	50.505
16)	A 4,4'-DDD	6.713	5.791	10003747	11674543	5.212	4.688
17)	MA 4,4'-DDT	7.028	6.041	178.9E6	283.0E6	86.417	105.500
18)	B Endrin al...	6.928	6.116	3802057	4630328	2.025	2.007
20)	A Methoxychlor	7.504	6.616	226.7E6	321.6E6	198.895	225.177
21)	B Endrin ke...	7.648	6.845	8870824	12521642	3.661	4.080

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

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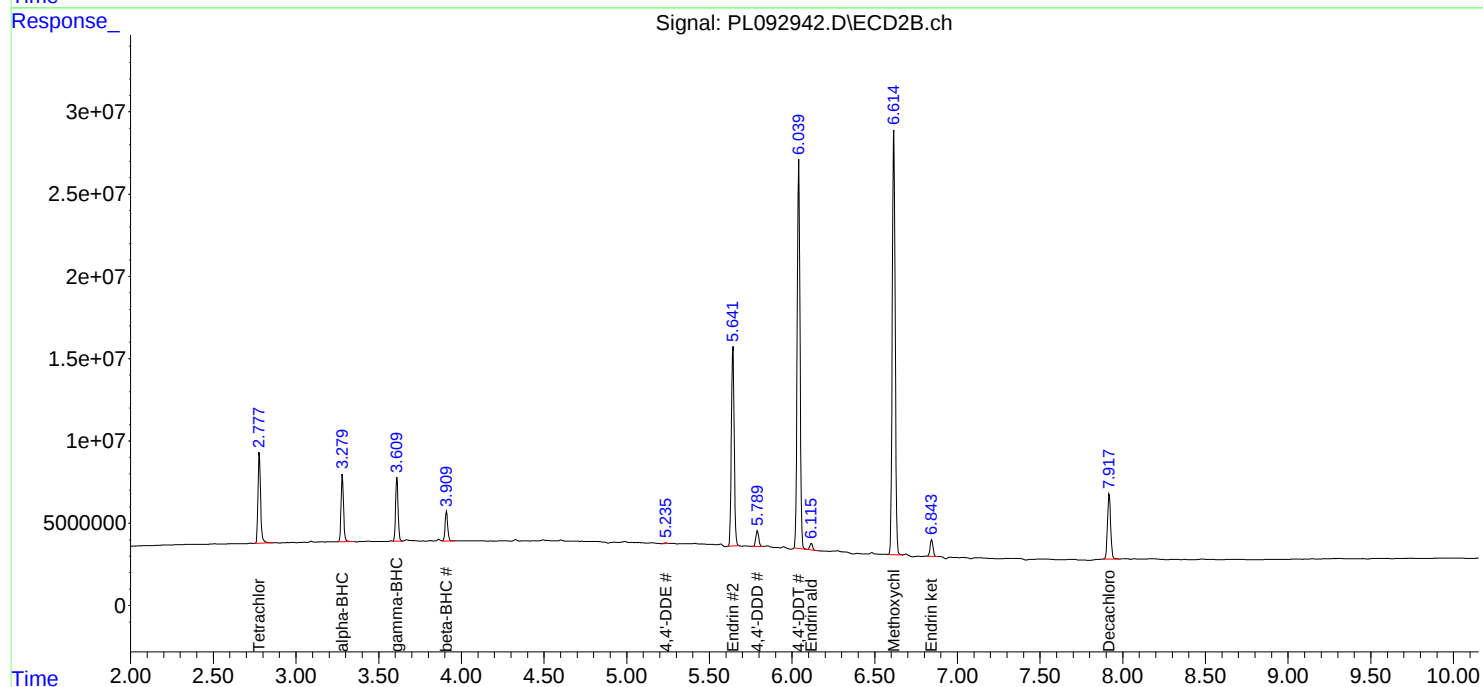
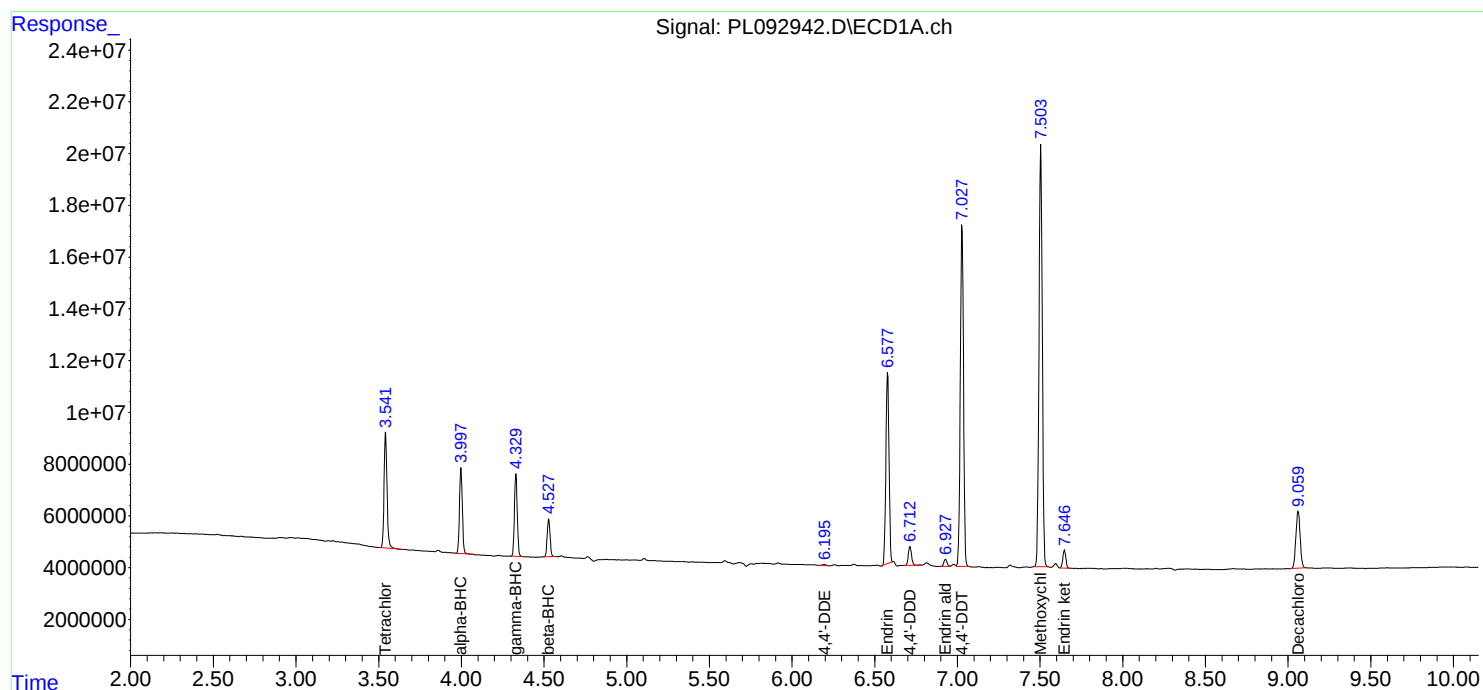
Instrument :
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ClientSampleId :
PEM

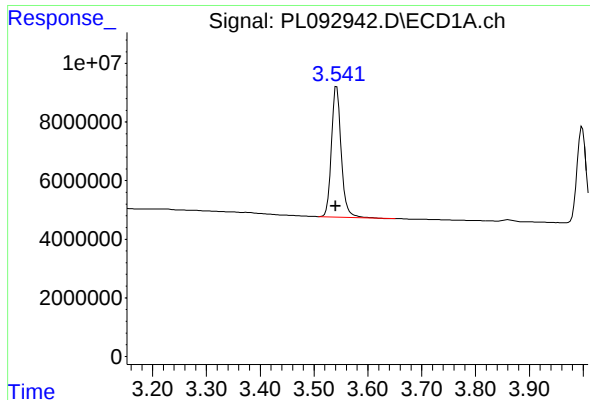
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Integration File signal 1: autoint1.e
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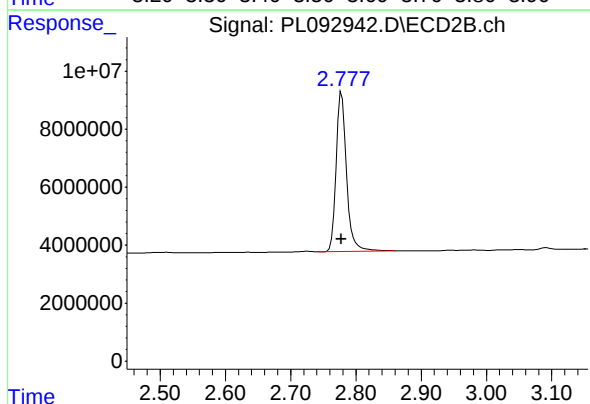
#1 Tetrachloro-m-xylene

R.T.: 3.542 min
Delta R.T.: 0.002 min
Response: 55891869
Conc: 22.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

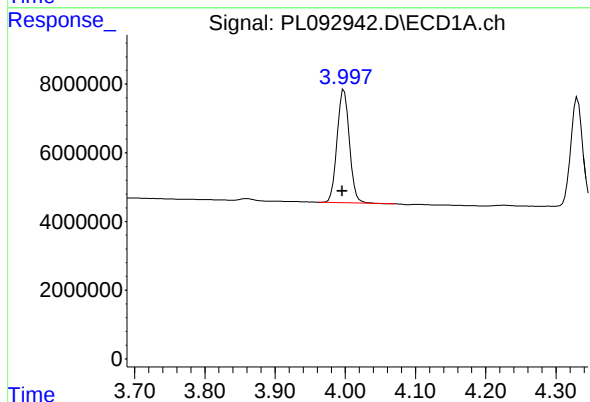
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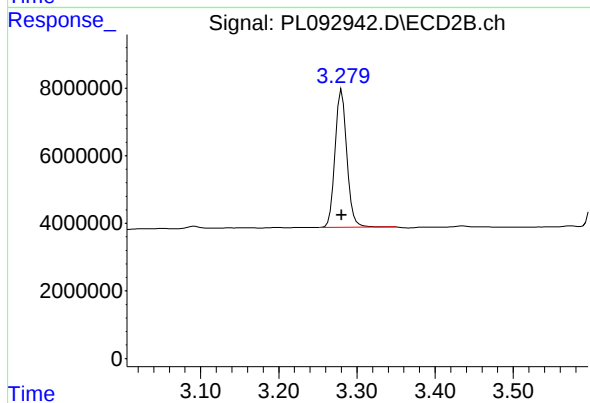
#1 Tetrachloro-m-xylene

R.T.: 2.778 min
Delta R.T.: 0.000 min
Response: 60760662
Conc: 22.33 ng/ml



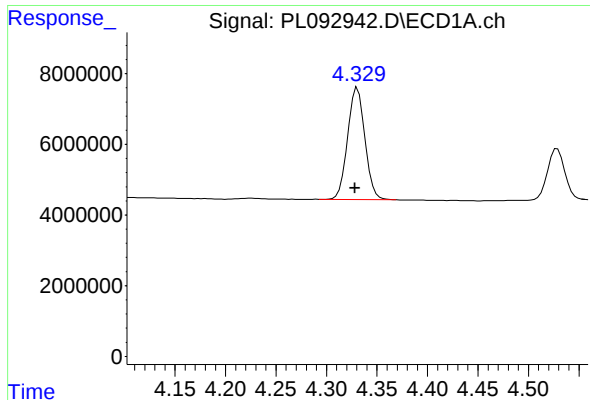
#2 alpha-BHC

R.T.: 3.998 min
Delta R.T.: 0.002 min
Response: 39926493
Conc: 11.77 ng/ml



#2 alpha-BHC

R.T.: 3.280 min
Delta R.T.: 0.000 min
Response: 42665186
Conc: 10.69 ng/ml



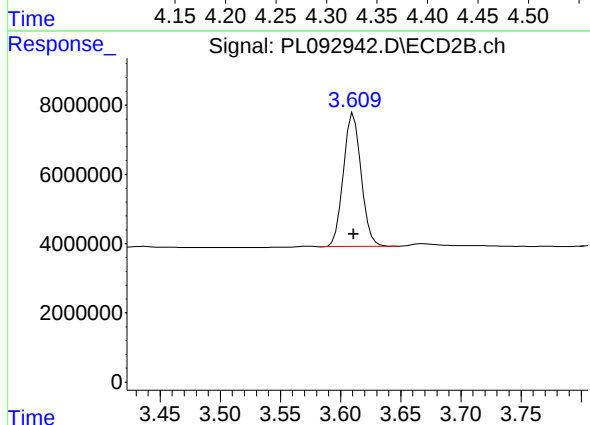
#3 gamma-BHC (Lindane)

R.T.: 4.331 min
Delta R.T.: 0.003 min
Response: 37717199
Conc: 11.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

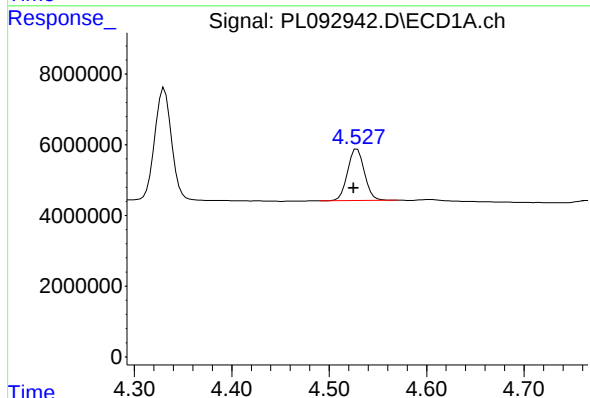
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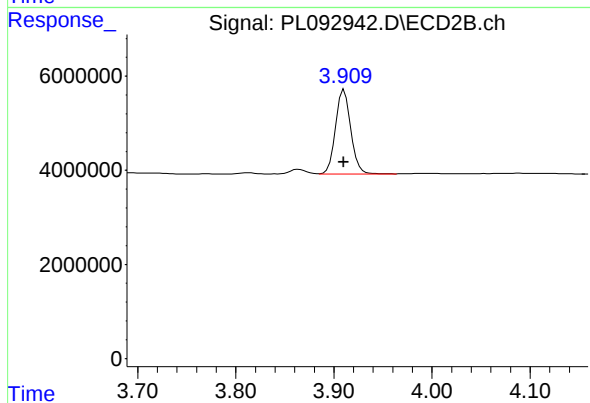
#3 gamma-BHC (Lindane)

R.T.: 3.611 min
Delta R.T.: 0.000 min
Response: 39666101
Conc: 10.28 ng/ml



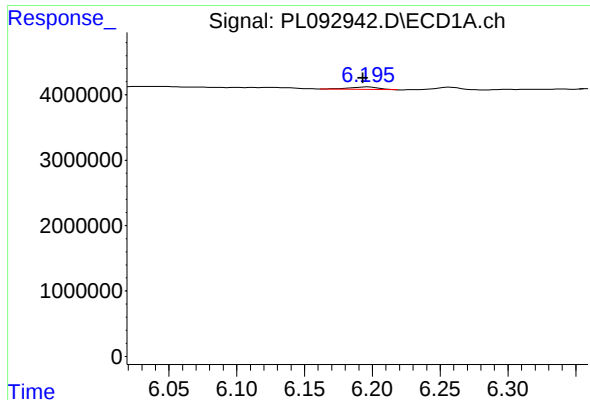
#6 beta-BHC

R.T.: 4.529 min
Delta R.T.: 0.003 min
Response: 17529188
Conc: 12.13 ng/ml



#6 beta-BHC

R.T.: 3.911 min
Delta R.T.: 0.000 min
Response: 19320729
Conc: 11.74 ng/ml



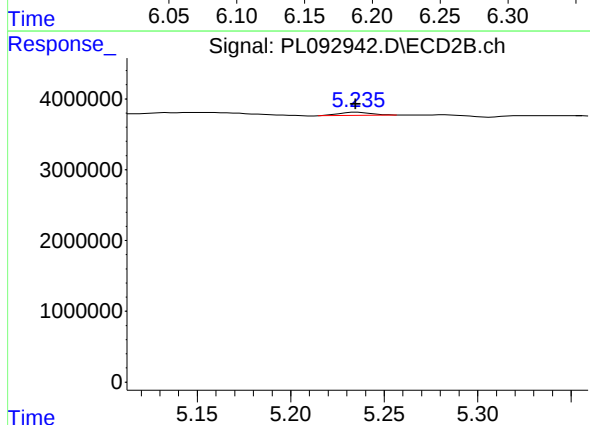
#12 4,4'-DDE

R.T.: 6.195 min
Delta R.T.: 0.002 min
Response: 604610
Conc: 0.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

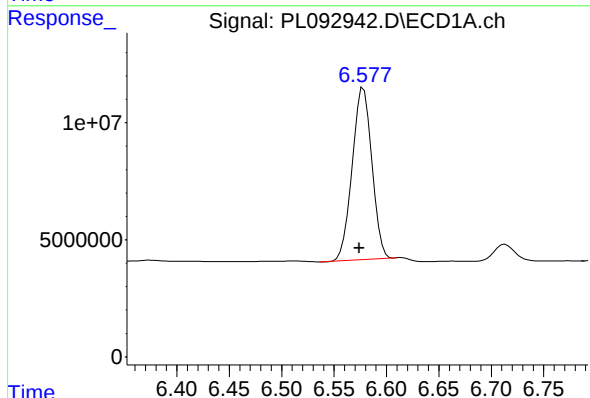
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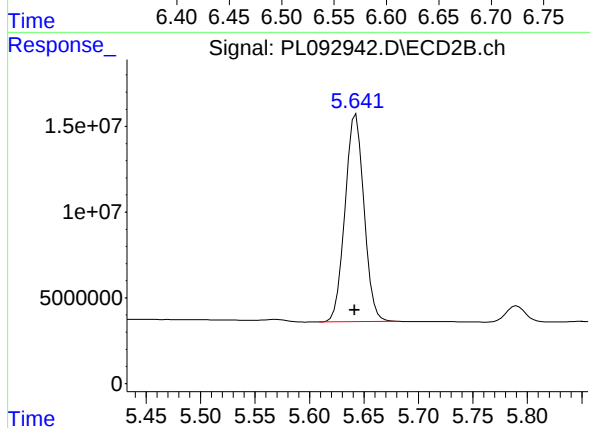
#12 4,4'-DDE

R.T.: 5.235 min
Delta R.T.: 0.000 min
Response: 556896
Conc: 0.17 ng/ml



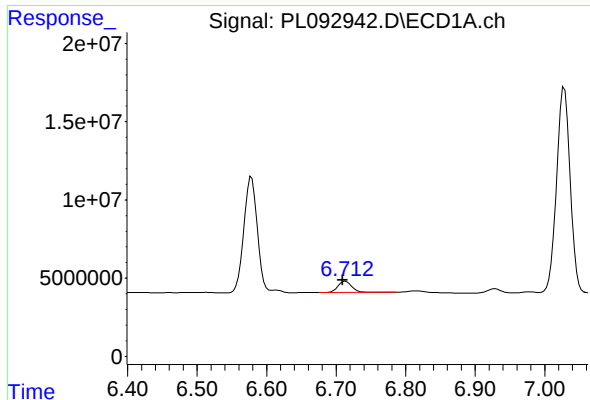
#14 Endrin

R.T.: 6.578 min
Delta R.T.: 0.004 min
Response: 96281762
Conc: 42.29 ng/ml



#14 Endrin

R.T.: 5.643 min
Delta R.T.: 0.001 min
Response: 146111708
Conc: 50.51 ng/ml



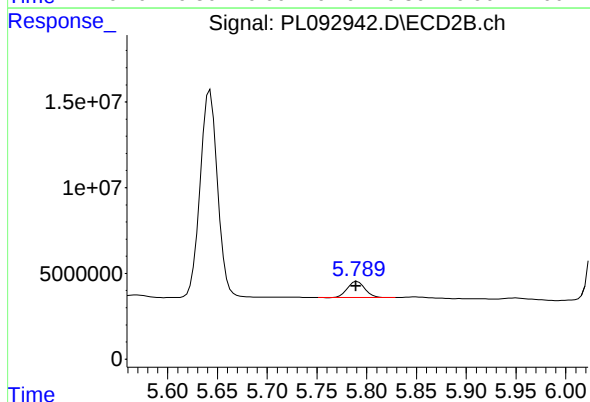
#16 4,4'-DDD

R.T.: 6.713 min
Delta R.T.: 0.004 min
Response: 10003747
Conc: 5.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

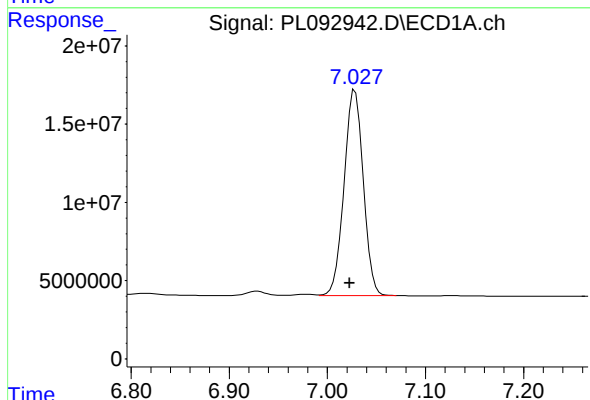
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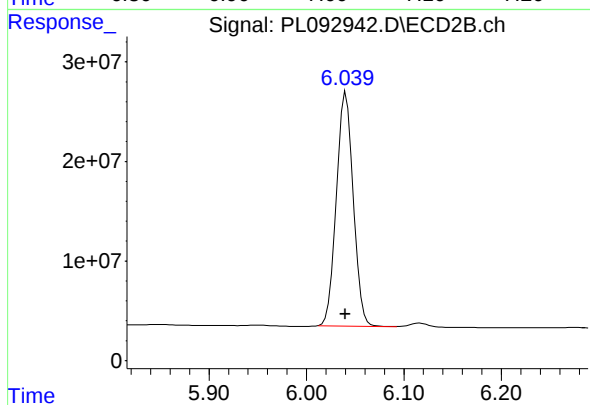
#16 4,4'-DDD

R.T.: 5.791 min
Delta R.T.: 0.001 min
Response: 11674543
Conc: 4.69 ng/ml



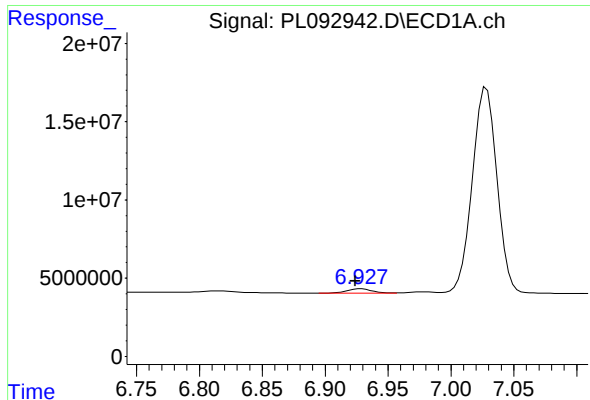
#17 4,4'-DDT

R.T.: 7.028 min
Delta R.T.: 0.005 min
Response: 178860819
Conc: 86.42 ng/ml



#17 4,4'-DDT

R.T.: 6.041 min
Delta R.T.: 0.000 min
Response: 282978517
Conc: 105.50 ng/ml



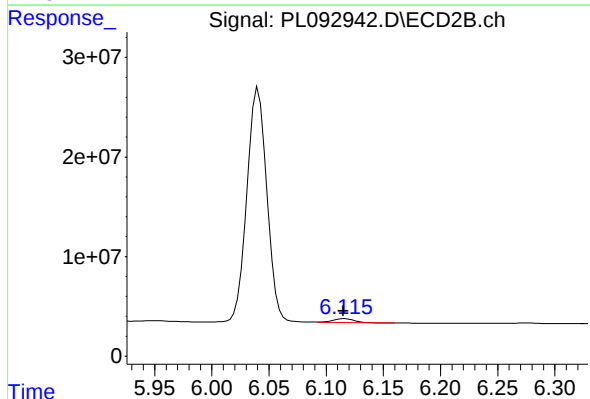
#18 Endrin aldehyde

R.T.: 6.928 min
Delta R.T.: 0.004 min
Response: 3802057
Conc: 2.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

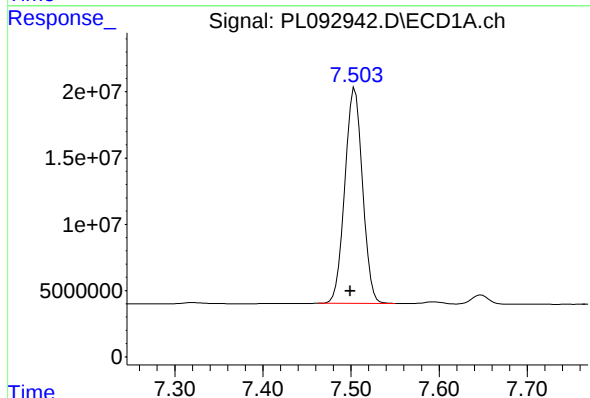
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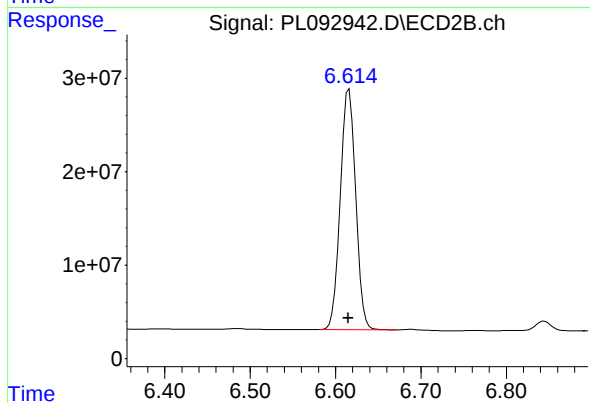
#18 Endrin aldehyde

R.T.: 6.116 min
Delta R.T.: 0.001 min
Response: 4630328
Conc: 2.01 ng/ml



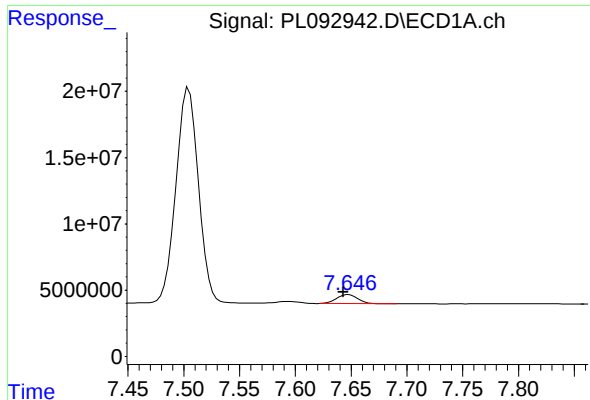
#20 Methoxychlor

R.T.: 7.504 min
Delta R.T.: 0.005 min
Response: 226739692
Conc: 198.89 ng/ml



#20 Methoxychlor

R.T.: 6.616 min
Delta R.T.: 0.000 min
Response: 321559840
Conc: 225.18 ng/ml



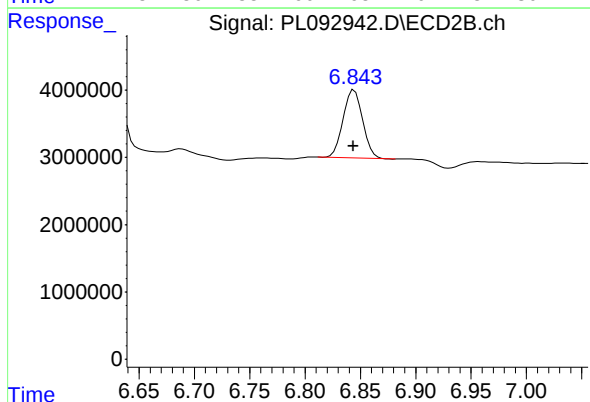
#21 Endrin ketone

R.T.: 7.648 min
Delta R.T.: 0.005 min
Response: 8870824
Conc: 3.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

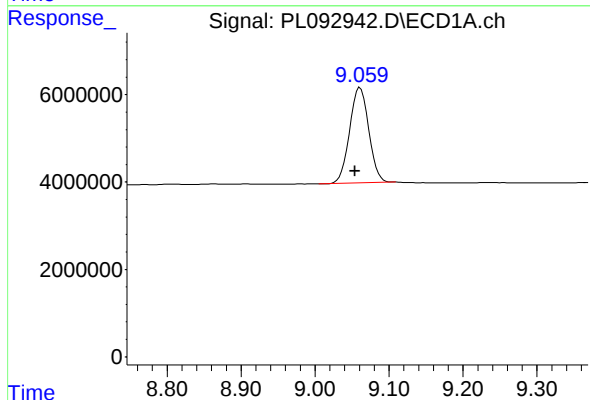
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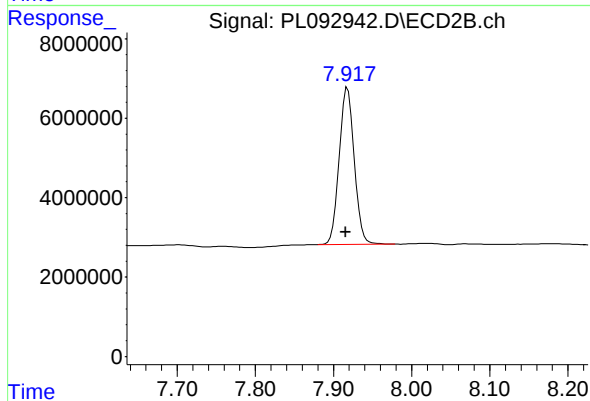
#21 Endrin ketone

R.T.: 6.845 min
Delta R.T.: 0.001 min
Response: 12521642
Conc: 4.08 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.061 min
Delta R.T.: 0.007 min
Response: 39263888
Conc: 20.40 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.918 min
Delta R.T.: 0.002 min
Response: 53083659
Conc: 19.45 ng/ml