

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL102324\
 Data File : PL092567.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Oct 2024 18:10
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 10/24/2024
 Supervised By : Ankita Jodhani 10/24/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 23 18:57:34 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102124.M
 Quant Title : GC Extractables
 QLast Update : Mon Oct 21 17:09:23 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...	3.541	2.779	50705737	55620989	18.823	20.026
28)	SA Decachlor...	9.058	7.918	38204338	55296829	18.809	20.986
Target Compounds							
2)	A alpha-BHC	3.997	3.281	36287822	39177992	8.805	9.079
3)	MA gamma-BHC...	4.329	3.612	34349041	36172967	8.929	8.784
6)	B beta-BHC	4.527	3.911	15925150	17988122	10.259	10.303
12)	B 4,4'-DDE	6.191	5.235	403005	559605	0.136m	0.161
14)	MA Endrin	6.577	5.643	93044453	133.1E6	32.951	40.646
16)	A 4,4'-DDD	6.712	5.791	11409019	12459021	4.722	4.485
17)	MA 4,4'-DDT	7.026	6.042	169.2E6	246.4E6	68.623	83.885
18)	B Endrin al...	6.926	6.117	3939942	5292272	1.844	2.154
20)	A Methoxychlor	7.502	6.616	215.4E6	297.5E6	182.898	209.848
21)	B Endrin ke...	7.645	6.845	9508997	12296819	3.458	3.828

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

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Acq On : 23 Oct 2024 18:10
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

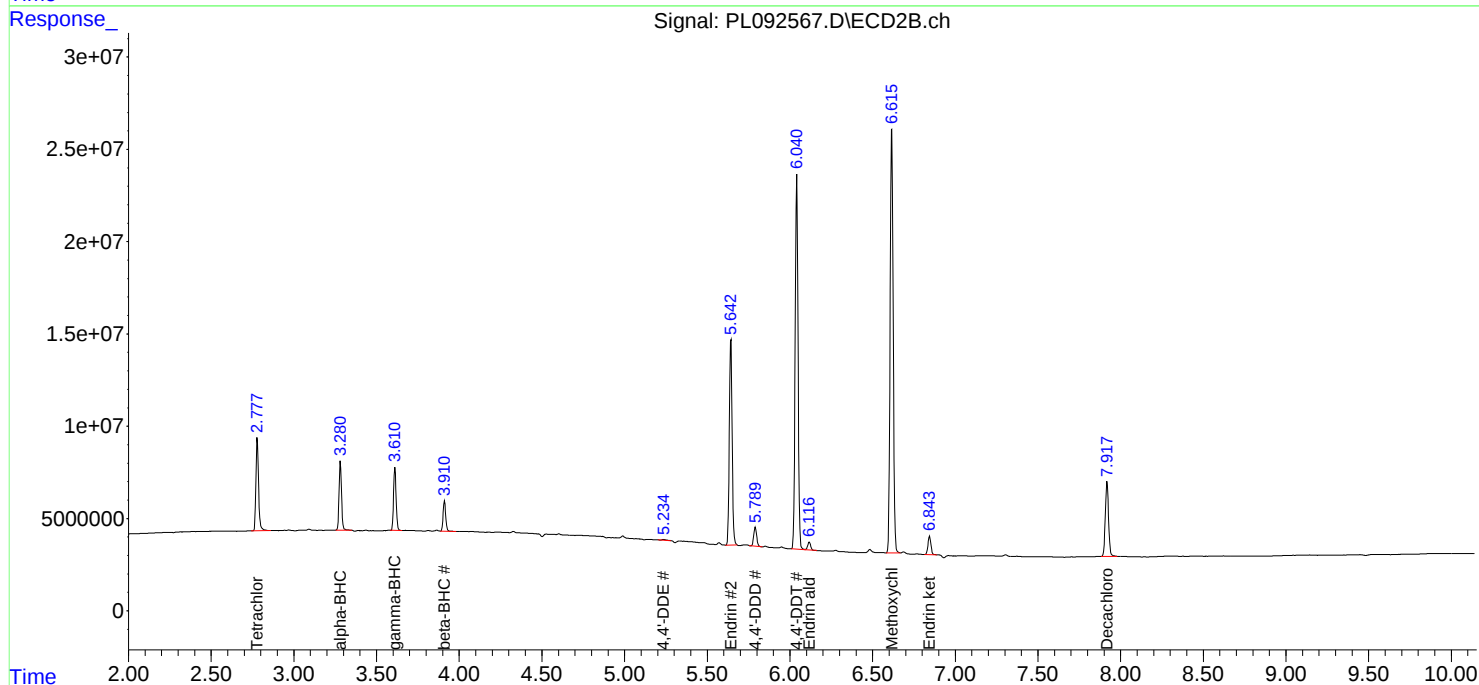
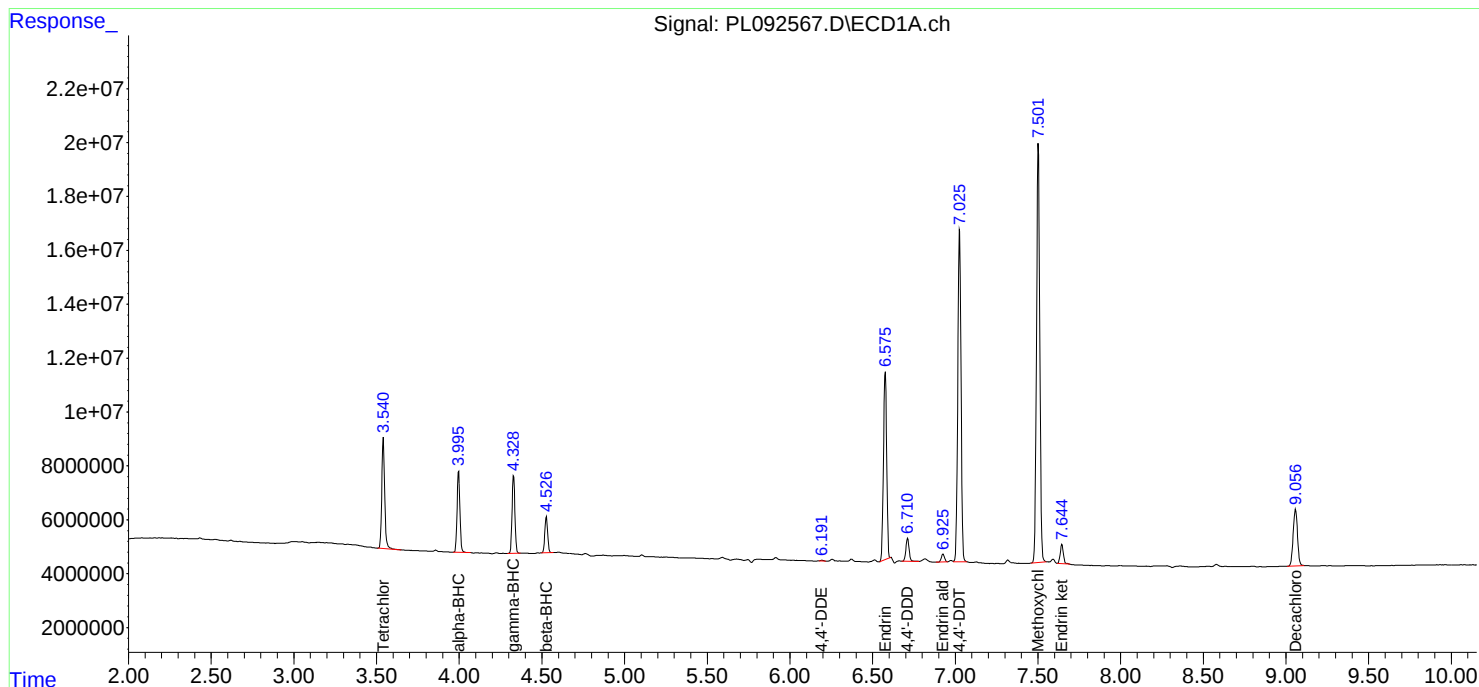
Instrument :
ECD_L
ClientSampleId :
PEM

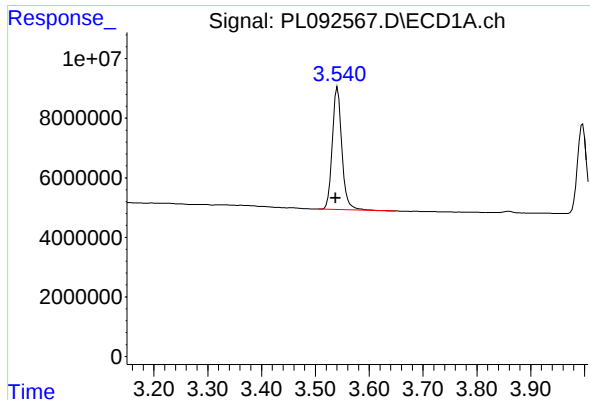
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
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Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
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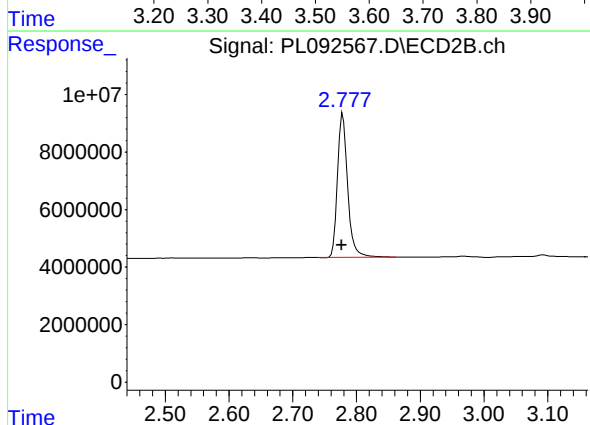
#1 Tetrachloro-m-xylene

R.T.: 3.541 min
Delta R.T.: 0.003 min
Response: 50705737
Conc: 18.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

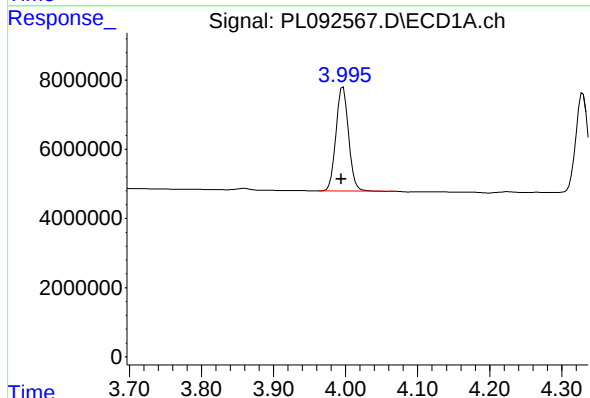
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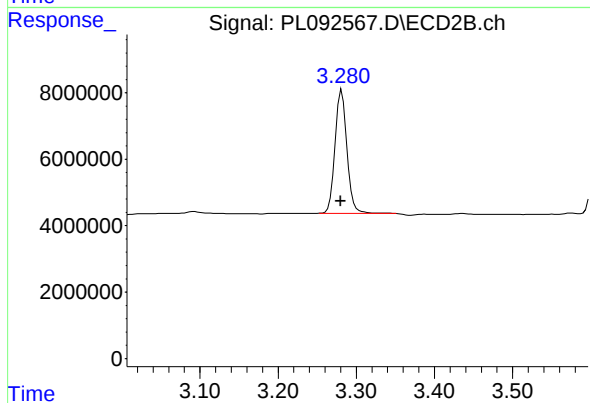
#1 Tetrachloro-m-xylene

R.T.: 2.779 min
Delta R.T.: 0.002 min
Response: 55620989
Conc: 20.03 ng/ml



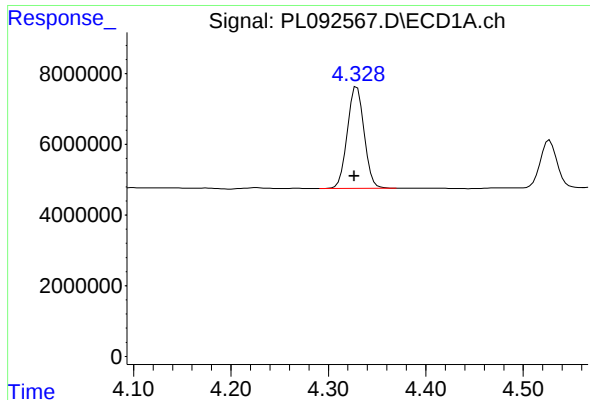
#2 alpha-BHC

R.T.: 3.997 min
Delta R.T.: 0.003 min
Response: 36287822
Conc: 8.81 ng/ml



#2 alpha-BHC

R.T.: 3.281 min
Delta R.T.: 0.002 min
Response: 39177992
Conc: 9.08 ng/ml



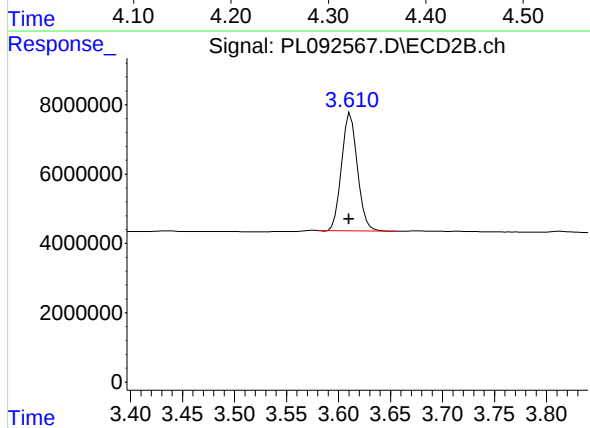
#3 gamma-BHC (Lindane)

R.T.: 4.329 min
Delta R.T.: 0.003 min
Response: 34349041
Conc: 8.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

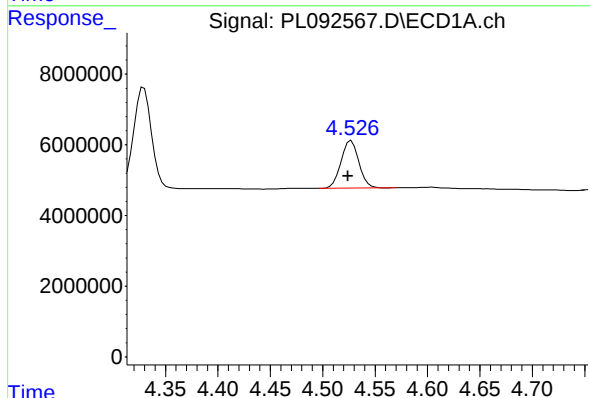
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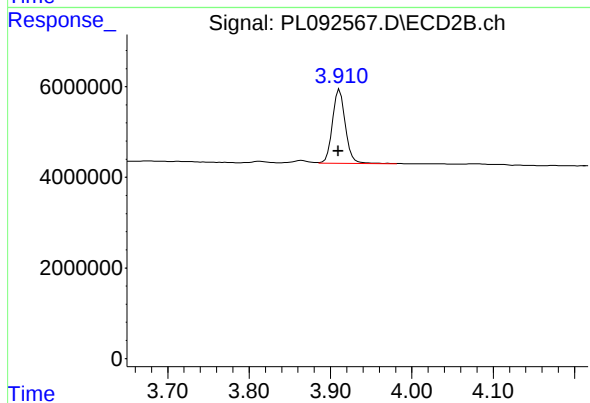
#3 gamma-BHC (Lindane)

R.T.: 3.612 min
Delta R.T.: 0.002 min
Response: 36172967
Conc: 8.78 ng/ml



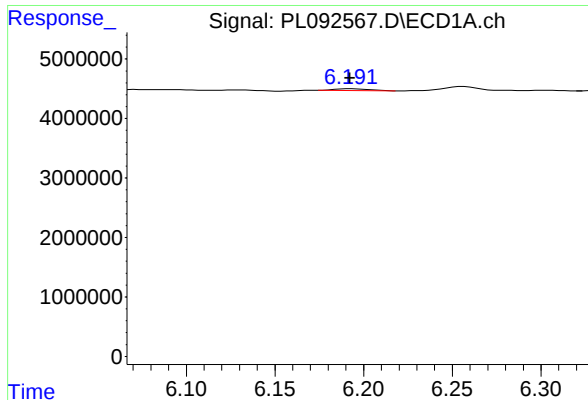
#6 beta-BHC

R.T.: 4.527 min
Delta R.T.: 0.003 min
Response: 15925150
Conc: 10.26 ng/ml



#6 beta-BHC

R.T.: 3.911 min
Delta R.T.: 0.002 min
Response: 17988122
Conc: 10.30 ng/ml



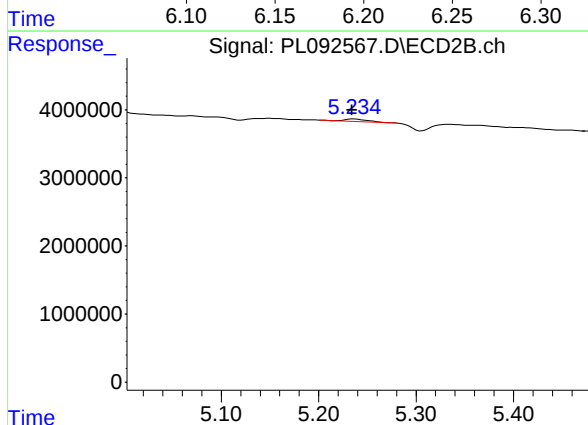
#12 4,4'-DDE

R.T.: 6.191 min
Delta R.T.: 0.000 min
Response: 403005
Conc: 0.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

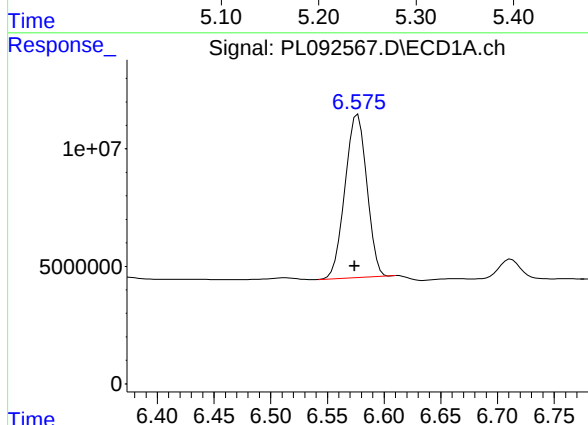
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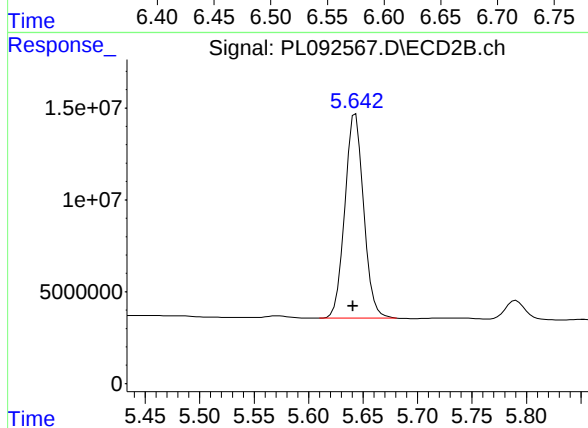
#12 4,4'-DDE

R.T.: 5.235 min
Delta R.T.: 0.000 min
Response: 559605
Conc: 0.16 ng/ml



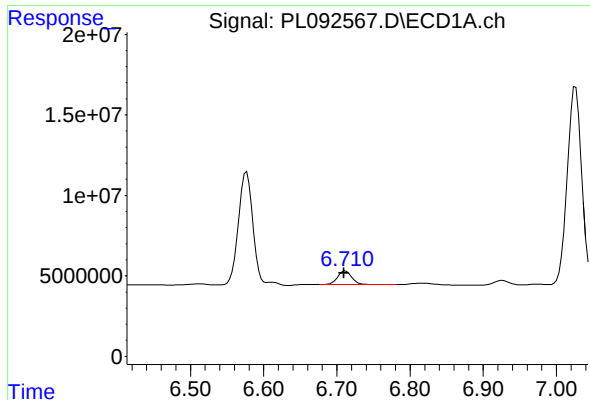
#14 Endrin

R.T.: 6.577 min
Delta R.T.: 0.003 min
Response: 93044453
Conc: 32.95 ng/ml



#14 Endrin

R.T.: 5.643 min
Delta R.T.: 0.002 min
Response: 133112475
Conc: 40.65 ng/ml



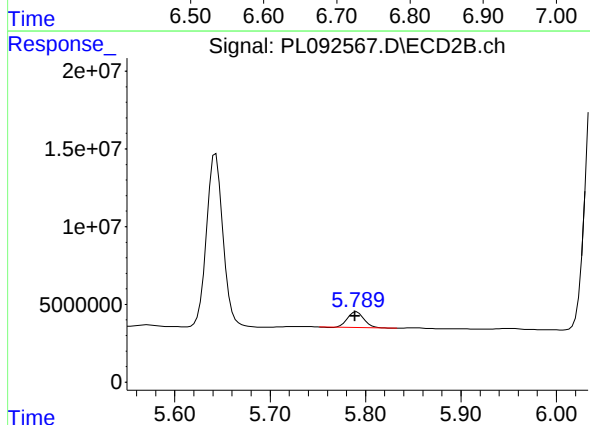
#16 4,4'-DDD

R.T.: 6.712 min
Delta R.T.: 0.002 min
Response: 11409019
Conc: 4.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

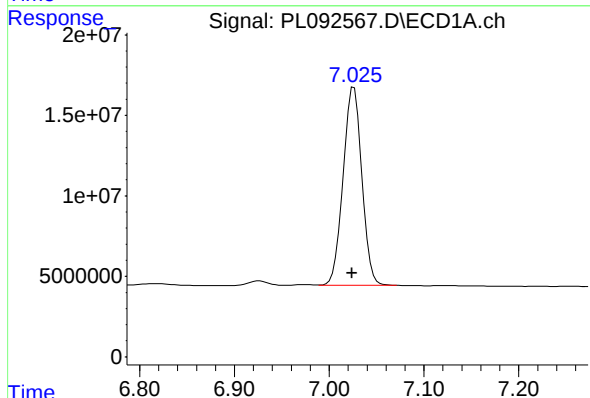
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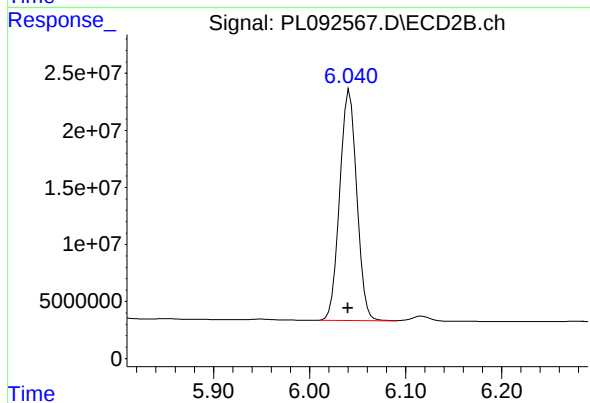
#16 4,4'-DDD

R.T.: 5.791 min
Delta R.T.: 0.002 min
Response: 12459021
Conc: 4.48 ng/ml



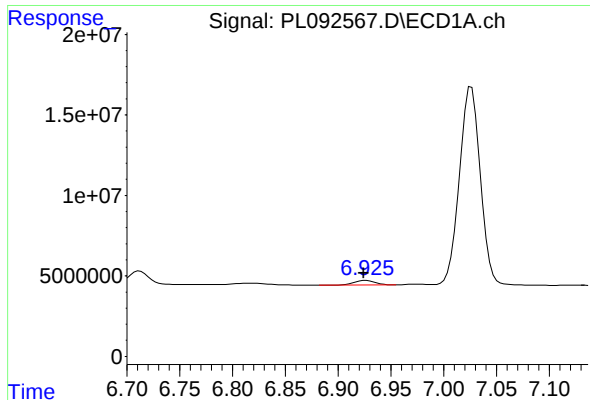
#17 4,4'-DDT

R.T.: 7.026 min
Delta R.T.: 0.002 min
Response: 169228937
Conc: 68.62 ng/ml



#17 4,4'-DDT

R.T.: 6.042 min
Delta R.T.: 0.002 min
Response: 246366166
Conc: 83.88 ng/ml



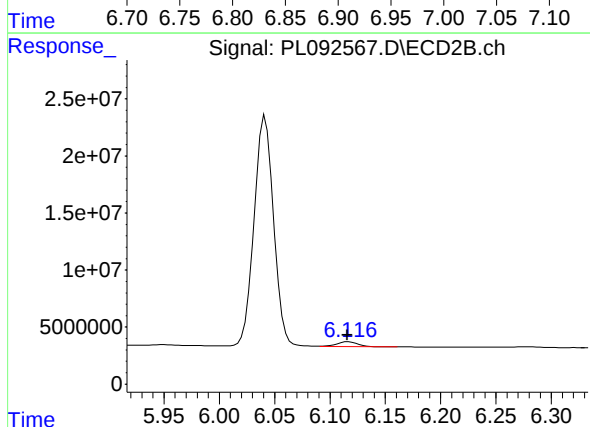
#18 Endrin aldehyde

R.T.: 6.926 min
Delta R.T.: 0.002 min
Response: 3939942
Conc: 1.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

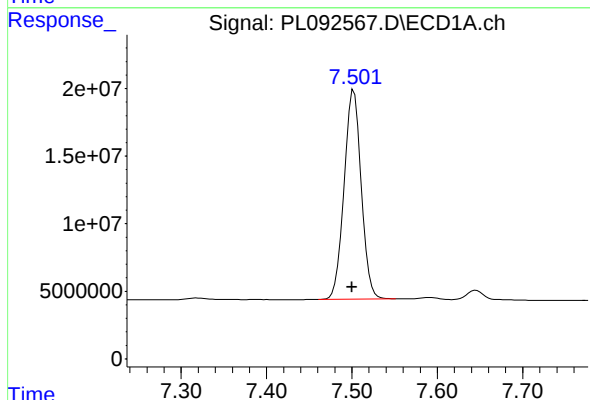
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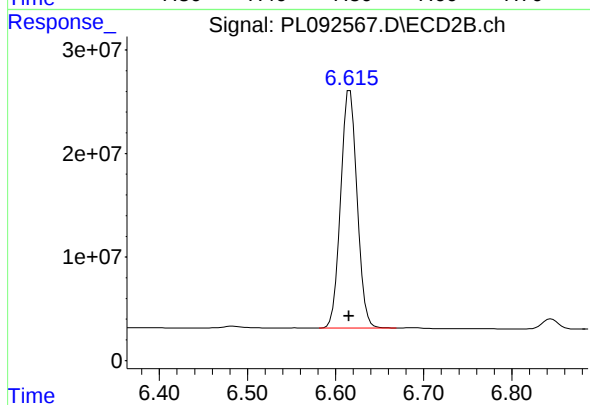
#18 Endrin aldehyde

R.T.: 6.117 min
Delta R.T.: 0.002 min
Response: 5292272
Conc: 2.15 ng/ml



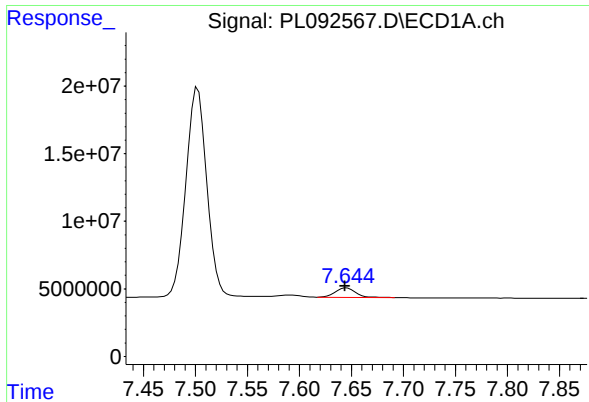
#20 Methoxychlor

R.T.: 7.502 min
Delta R.T.: 0.002 min
Response: 215400706
Conc: 182.90 ng/ml



#20 Methoxychlor

R.T.: 6.616 min
Delta R.T.: 0.001 min
Response: 297536959
Conc: 209.85 ng/ml



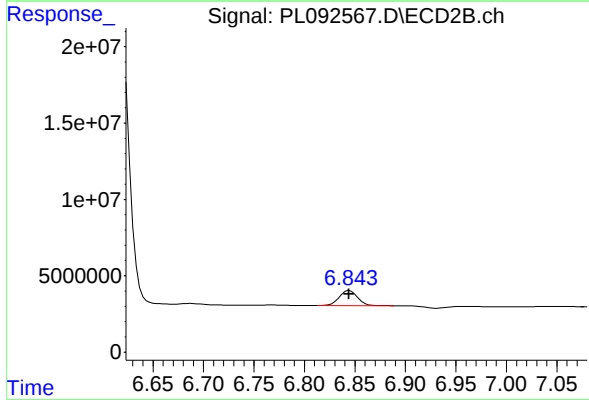
#21 Endrin ketone

R.T.: 7.645 min
Delta R.T.: 0.002 min
Response: 9508997
Conc: 3.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

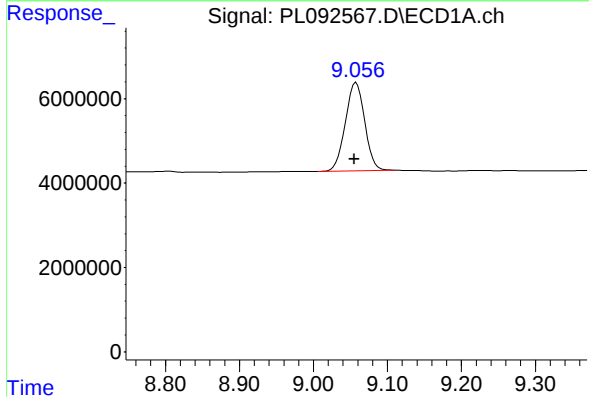
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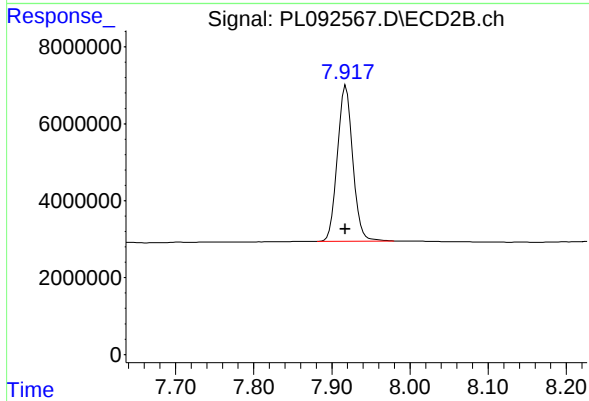
#21 Endrin ketone

R.T.: 6.845 min
Delta R.T.: 0.000 min
Response: 12296819
Conc: 3.83 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.058 min
Delta R.T.: 0.003 min
Response: 38204338
Conc: 18.81 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.918 min
Delta R.T.: 0.000 min
Response: 55296829
Conc: 20.99 ng/ml