

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL062424\
 Data File : PL090325.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Jun 2024 21:26
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 06/25/2024
 Supervised By : Ankita Jodhani 06/25/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 25 03:00:05 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL062424.M
 Quant Title : GC Extractables
 QLast Update : Tue Jun 25 01:45:30 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...	3.546	2.790	46411204	30839866	20.449	19.497
28)	SA Decachlor...	9.059	7.935	32871460	31545321	21.315	21.147
Target Compounds							
2)	A alpha-BHC	4.001	3.292	33311566	20363591	10.621	9.109m
3)	MA gamma-BHC...	4.334	3.623	31574806	19790283	10.504	9.257m
6)	B beta-BHC	4.530	3.921	14866278	10354953	11.037	10.726m
12)	B 4,4'-DDE	6.198	5.253	895166	533194	0.410m	0.322m
14)	MA Endrin	6.579	5.659	91993468	77010317	43.387m	46.572
16)	A 4,4'-DDD	6.715	5.806	4230344	2011287	2.309	1.467 #
17)	MA 4,4'-DDT	7.029	6.057	168.0E6	157.2E6	87.539	106.222
18)	B Endrin al...	6.929	6.132	2991827	2910624	1.772	2.286 #
20)	A Methoxychlor	7.504	6.631	219.3E6	202.0E6	212.777	242.157m
21)	B Endrin ke...	7.645	6.858	6861977	4914265	3.164m	2.745m

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

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Acq On : 24 Jun 2024 21:26
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

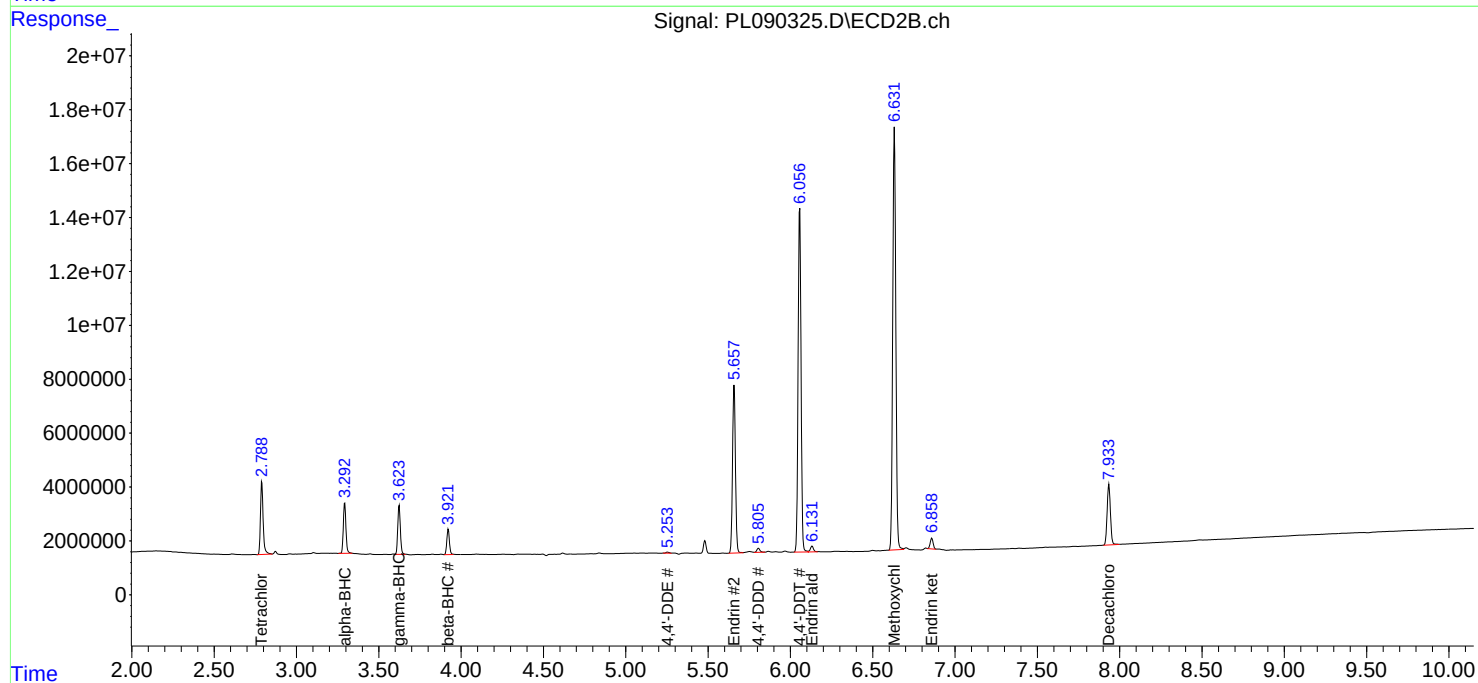
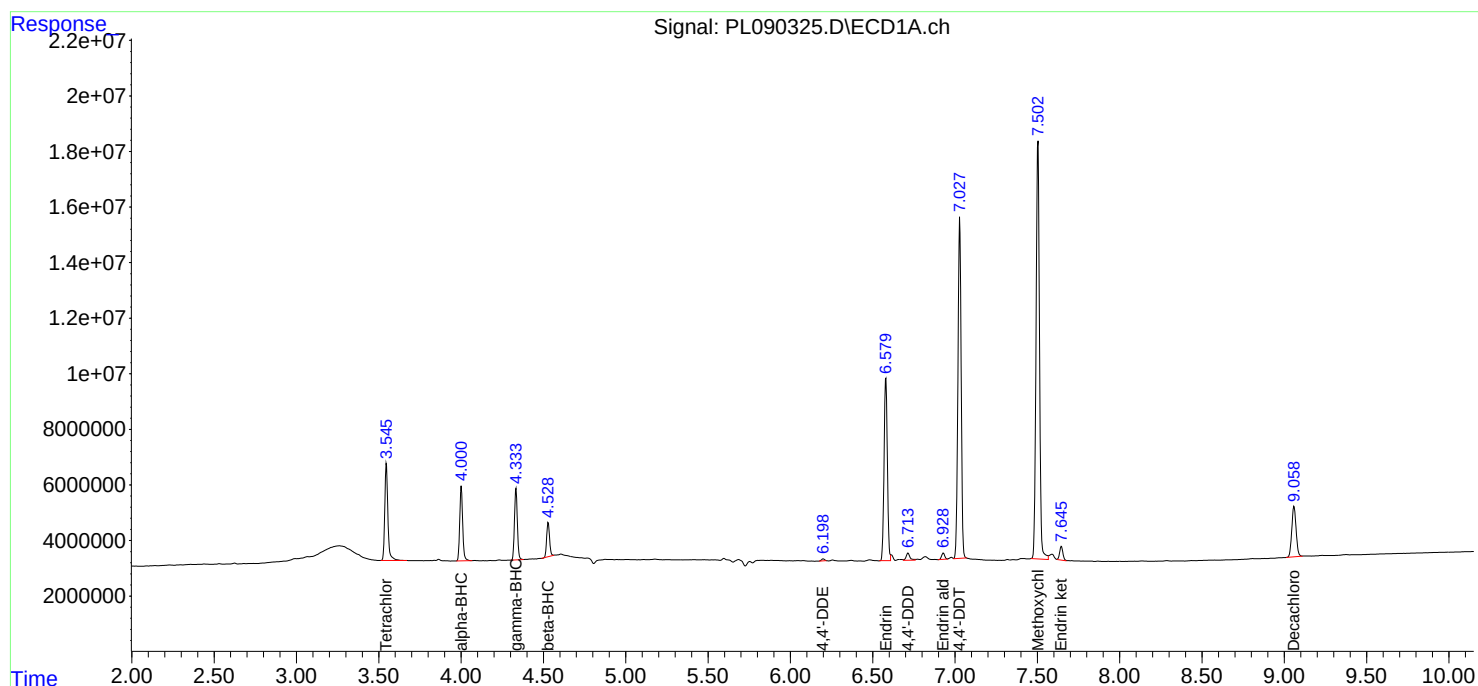
Instrument :
ECD_L
ClientSampleId :
PEM

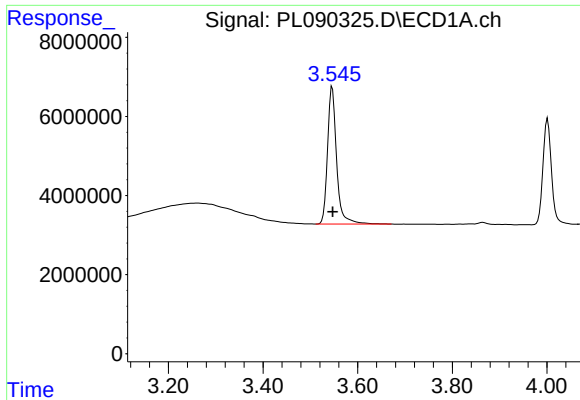
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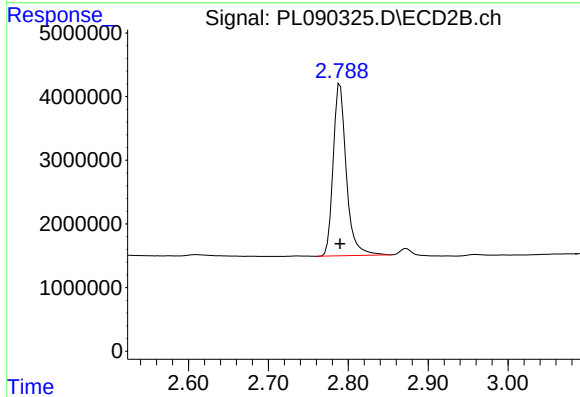
#1 Tetrachloro-m-xylene

R.T.: 3.546 min
Delta R.T.: 0.000 min
Response: 46411204
Conc: 20.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

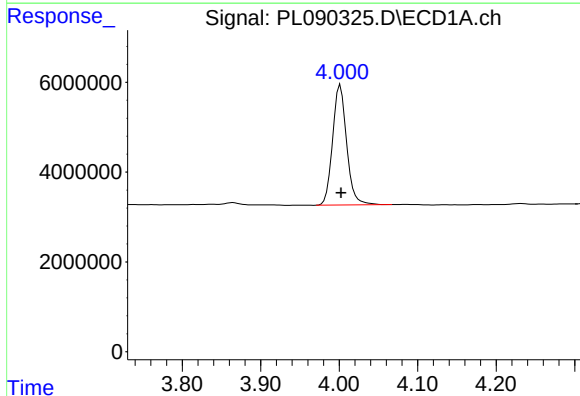
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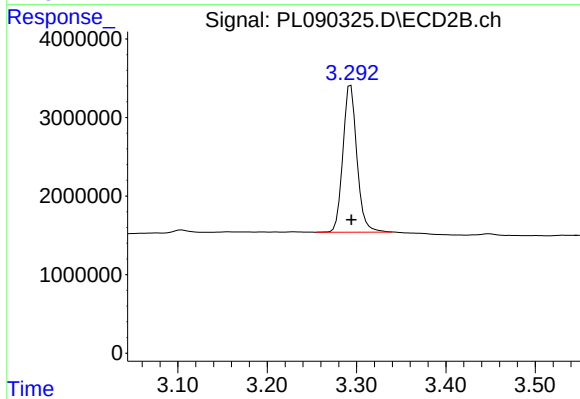
#1 Tetrachloro-m-xylene

R.T.: 2.790 min
Delta R.T.: 0.000 min
Response: 30839866
Conc: 19.50 ng/ml



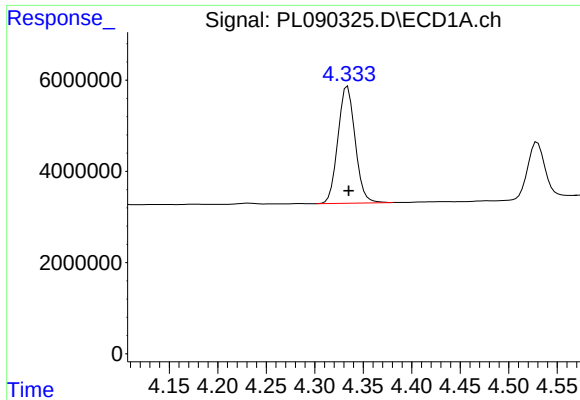
#2 alpha-BHC

R.T.: 4.001 min
Delta R.T.: 0.000 min
Response: 33311566
Conc: 10.62 ng/ml



#2 alpha-BHC

R.T.: 3.292 min
Delta R.T.: -0.002 min
Response: 20363591
Conc: 9.11 ng/ml m



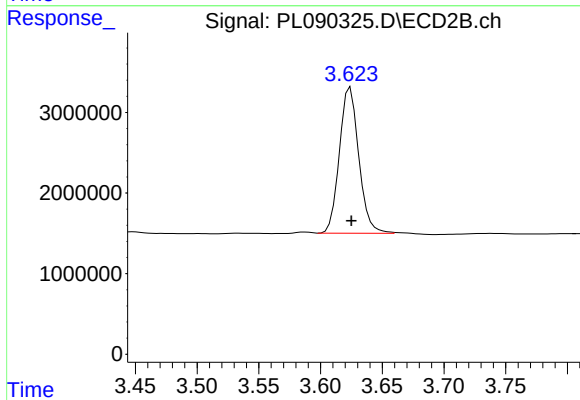
#3 gamma-BHC (Lindane)

R.T.: 4.334 min
Delta R.T.: 0.000 min
Response: 31574806
Conc: 10.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

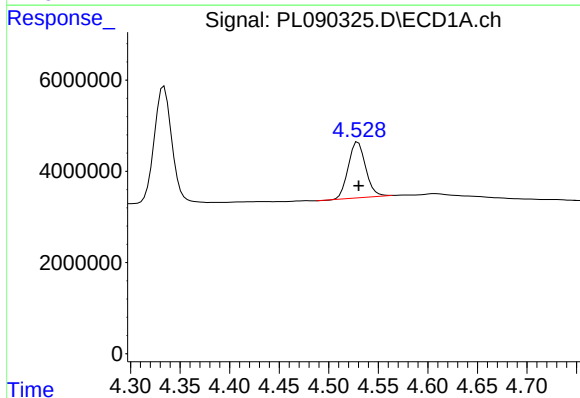
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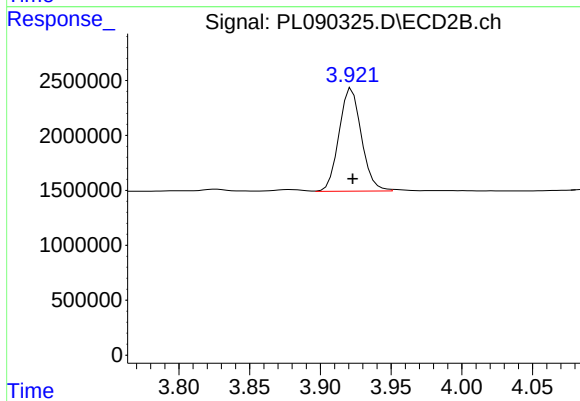
#3 gamma-BHC (Lindane)

R.T.: 3.623 min
Delta R.T.: -0.002 min
Response: 19790283
Conc: 9.26 ng/ml m



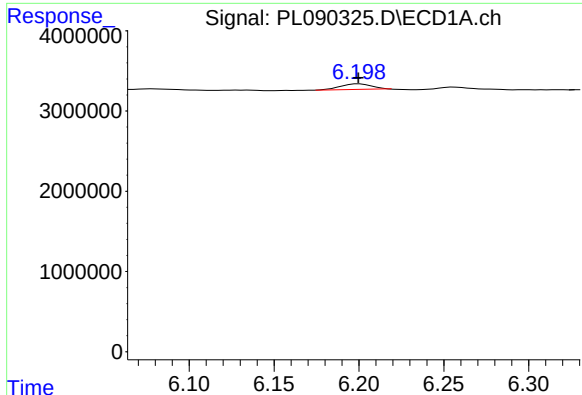
#6 beta-BHC

R.T.: 4.530 min
Delta R.T.: 0.000 min
Response: 14866278
Conc: 11.04 ng/ml



#6 beta-BHC

R.T.: 3.921 min
Delta R.T.: -0.002 min
Response: 10354953
Conc: 10.73 ng/ml m



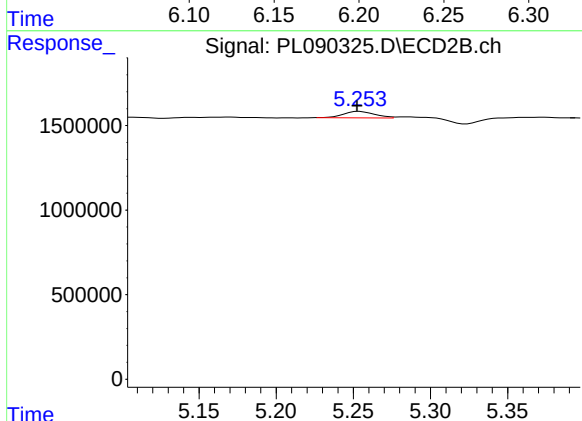
#12 4,4'-DDE

R.T.: 6.198 min
Delta R.T.: -0.001 min
Response: 895166
Conc: 0.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

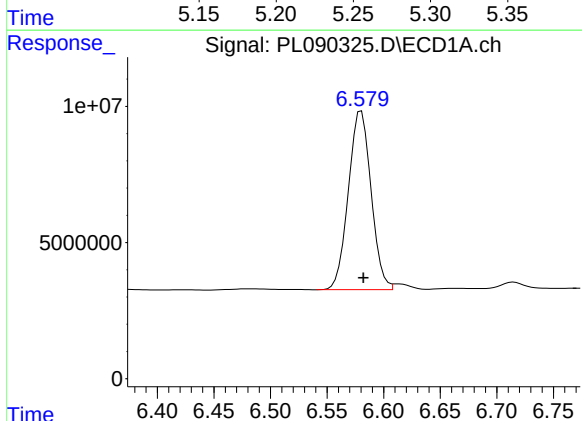
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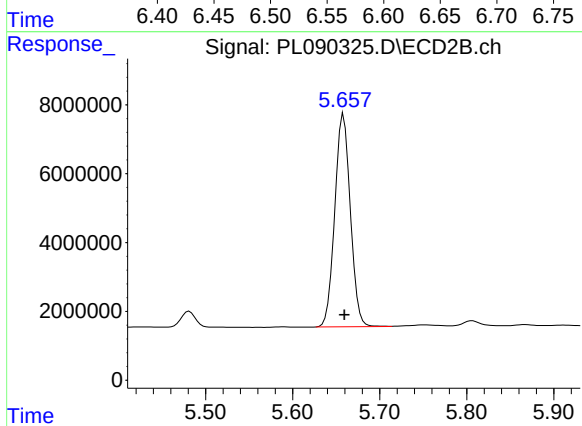
#12 4,4'-DDE

R.T.: 5.253 min
Delta R.T.: 0.000 min
Response: 533194
Conc: 0.32 ng/ml m



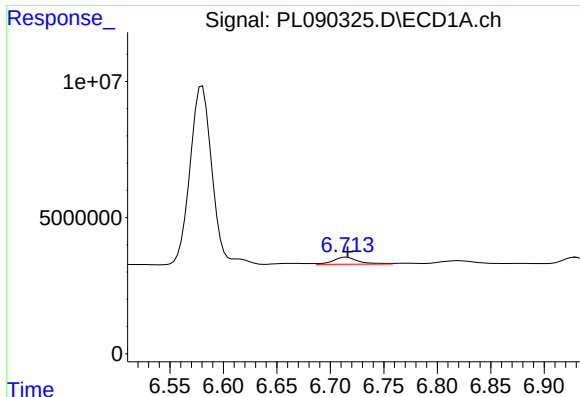
#14 Endrin

R.T.: 6.579 min
Delta R.T.: -0.003 min
Response: 91993468
Conc: 43.39 ng/ml m



#14 Endrin

R.T.: 5.659 min
Delta R.T.: 0.000 min
Response: 77010317
Conc: 46.57 ng/ml



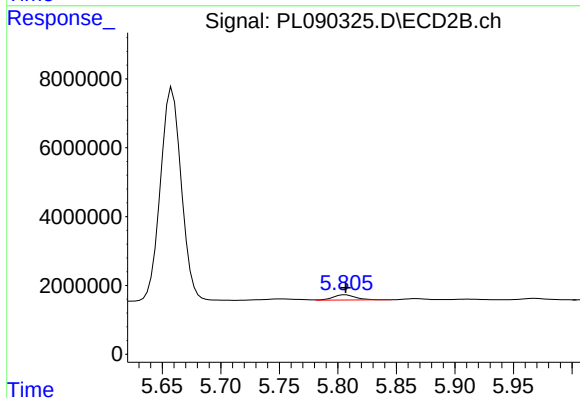
#16 4,4'-DDD

R.T.: 6.715 min
Delta R.T.: -0.001 min
Response: 4230344
Conc: 2.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

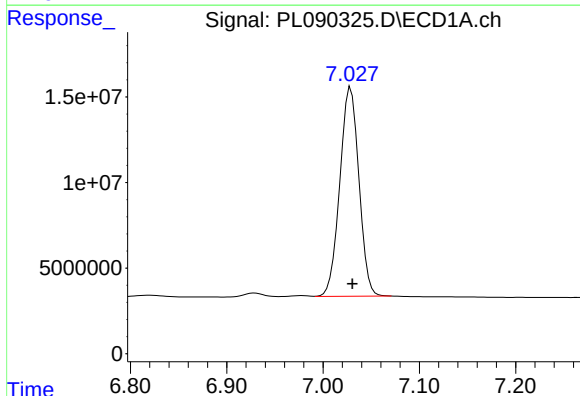
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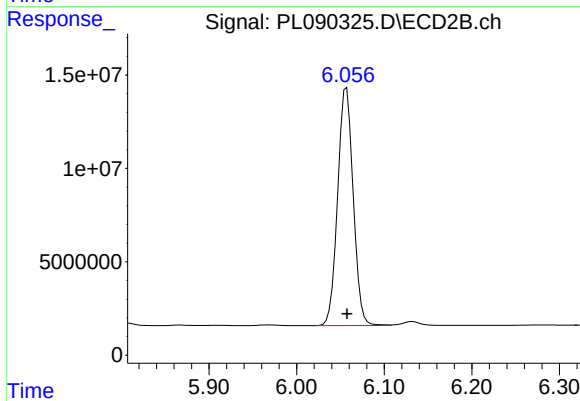
#16 4,4'-DDD

R.T.: 5.806 min
Delta R.T.: 0.000 min
Response: 2011287
Conc: 1.47 ng/ml



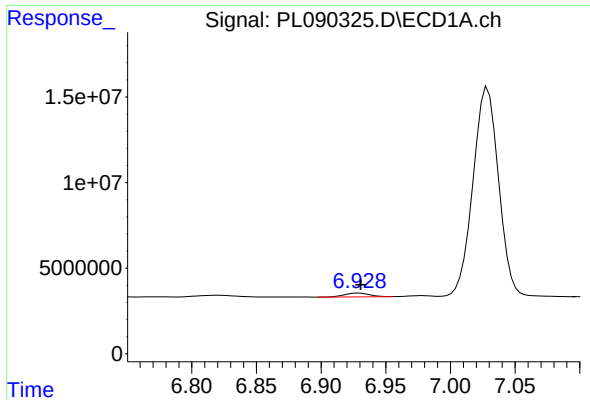
#17 4,4'-DDT

R.T.: 7.029 min
Delta R.T.: -0.002 min
Response: 167981239
Conc: 87.54 ng/ml



#17 4,4'-DDT

R.T.: 6.057 min
Delta R.T.: 0.000 min
Response: 157221606
Conc: 106.22 ng/ml



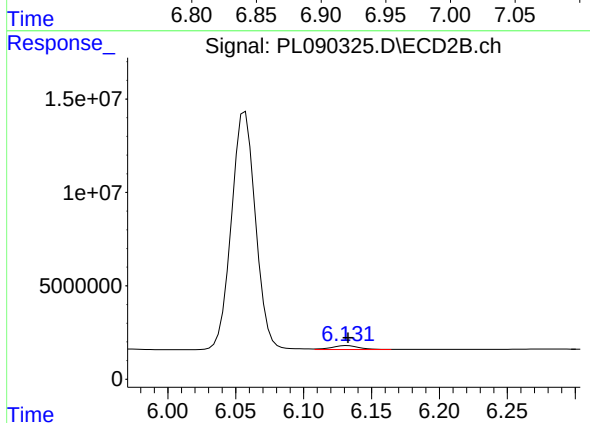
#18 Endrin aldehyde

R.T.: 6.929 min
Delta R.T.: -0.001 min
Response: 2991827
Conc: 1.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

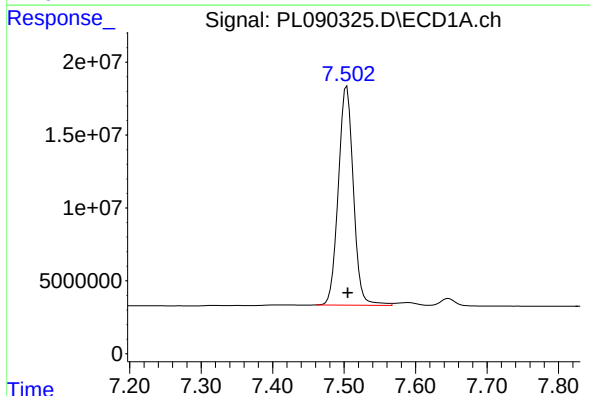
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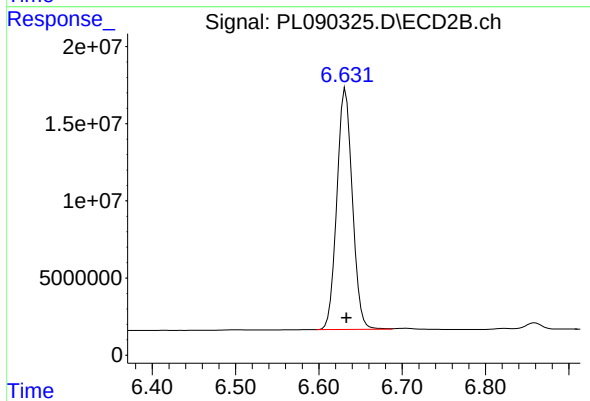
#18 Endrin aldehyde

R.T.: 6.132 min
Delta R.T.: 0.000 min
Response: 2910624
Conc: 2.29 ng/ml



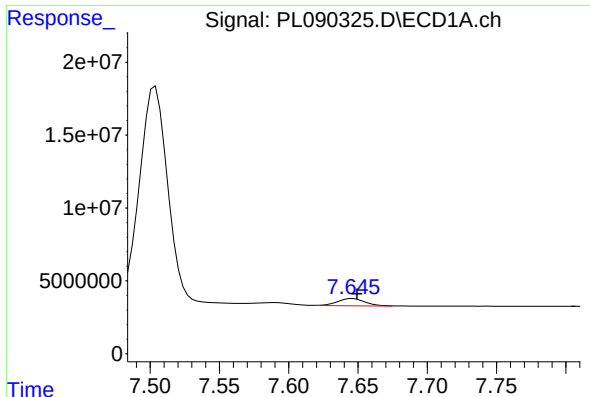
#20 Methoxychlor

R.T.: 7.504 min
Delta R.T.: -0.001 min
Response: 219275140
Conc: 212.78 ng/ml



#20 Methoxychlor

R.T.: 6.631 min
Delta R.T.: -0.003 min
Response: 202024392
Conc: 242.16 ng/ml m



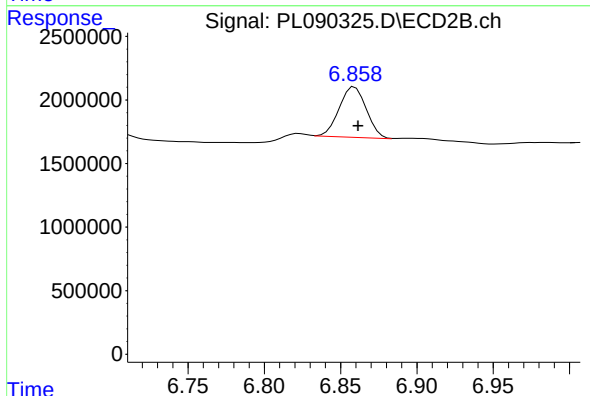
#21 Endrin ketone

R.T.: 7.645 min
Delta R.T.: -0.004 min
Response: 6861977
Conc: 3.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

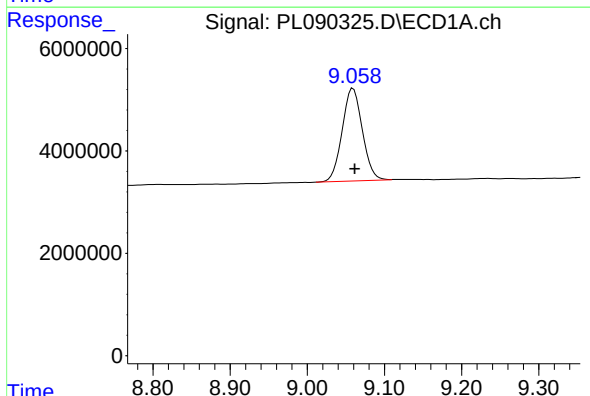
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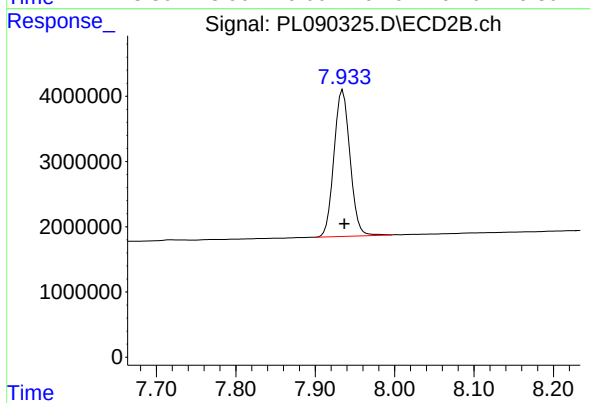
#21 Endrin ketone

R.T.: 6.858 min
Delta R.T.: -0.004 min
Response: 4914265
Conc: 2.74 ng/ml m



#28 Decachlorobiphenyl

R.T.: 9.059 min
Delta R.T.: -0.002 min
Response: 32871460
Conc: 21.31 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.935 min
Delta R.T.: -0.002 min
Response: 31545321
Conc: 21.15 ng/ml