

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL060824\
 Data File : PL090025.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Jun 2024 17:31
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/07/2024
 Supervised By :Ankita Jodhani 06/07/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 07 00:48:13 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL052424.M
 Quant Title : GC Extractables
 QLast Update : Fri May 24 14:57:01 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...	3.549	2.792	42682279	30813511	20.386	21.490
28)	SA Decachlor...	9.063	7.940	33392035	27515380	22.710	18.516
Target Compounds							
2)	A alpha-BHC	4.004	3.296	31731522	20947822	10.643	9.800
3)	MA gamma-BHC...	4.336	3.625	30468593	20120588	10.484	9.620m
6)	B beta-BHC	4.530	3.925	14217346	10293239	10.885m	11.252
12)	B 4,4'-DDE	6.203	5.258	706786	506691	0.325m	0.303
14)	MA Endrin	6.583	5.663	76075705	78130517	37.840	47.699 #
16)	A 4,4'-DDD	6.721	5.812	2756055	619637	1.573	0.440 #
17)	MA 4,4'-DDT	7.032	6.061	142.7E6	160.1E6	77.502	105.444 #
18)	B Endrin al...	6.931	6.138	1340812	1878439	0.865m	1.548 #
20)	A Methoxychlor	7.507	6.636	193.4E6	213.4E6	196.905	239.922
21)	B Endrin ke...	7.652	6.864	5767785	3132896	2.739m	1.719 #

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

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Acq On : 06 Jun 2024 17:31
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

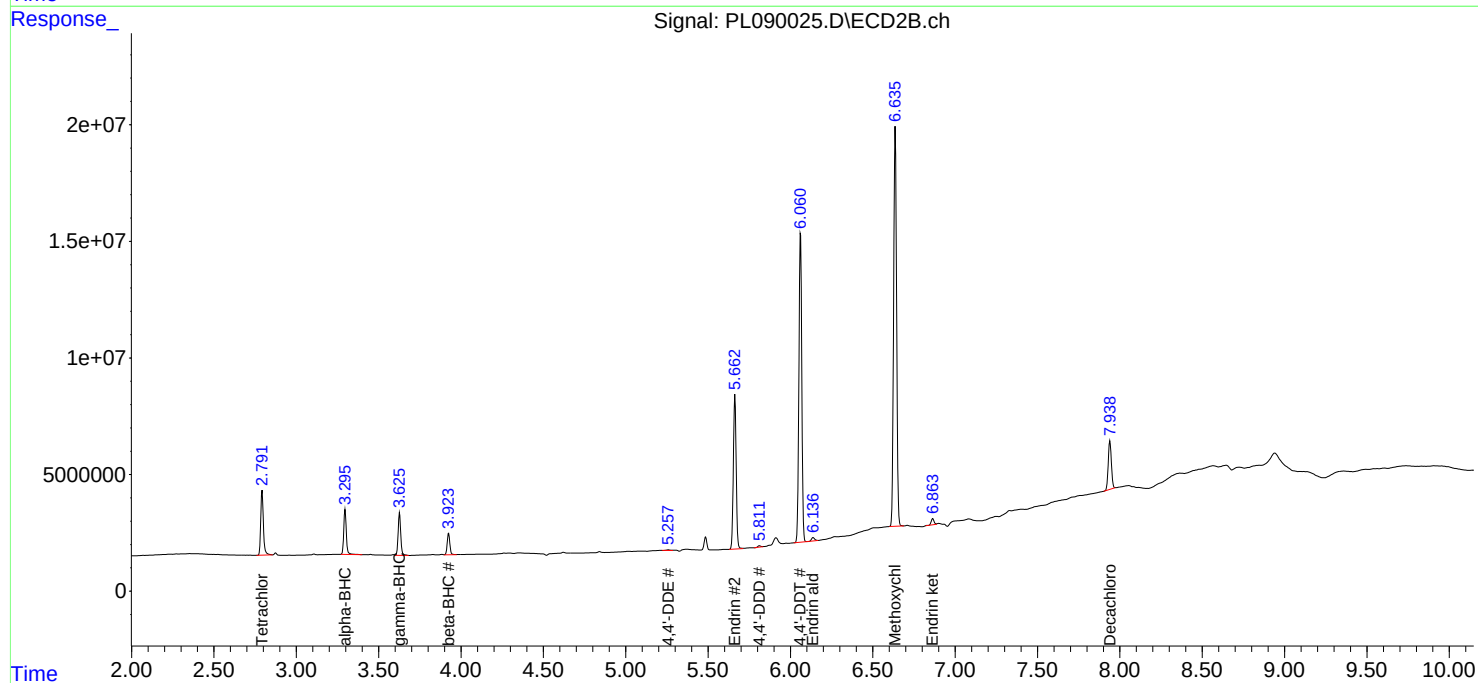
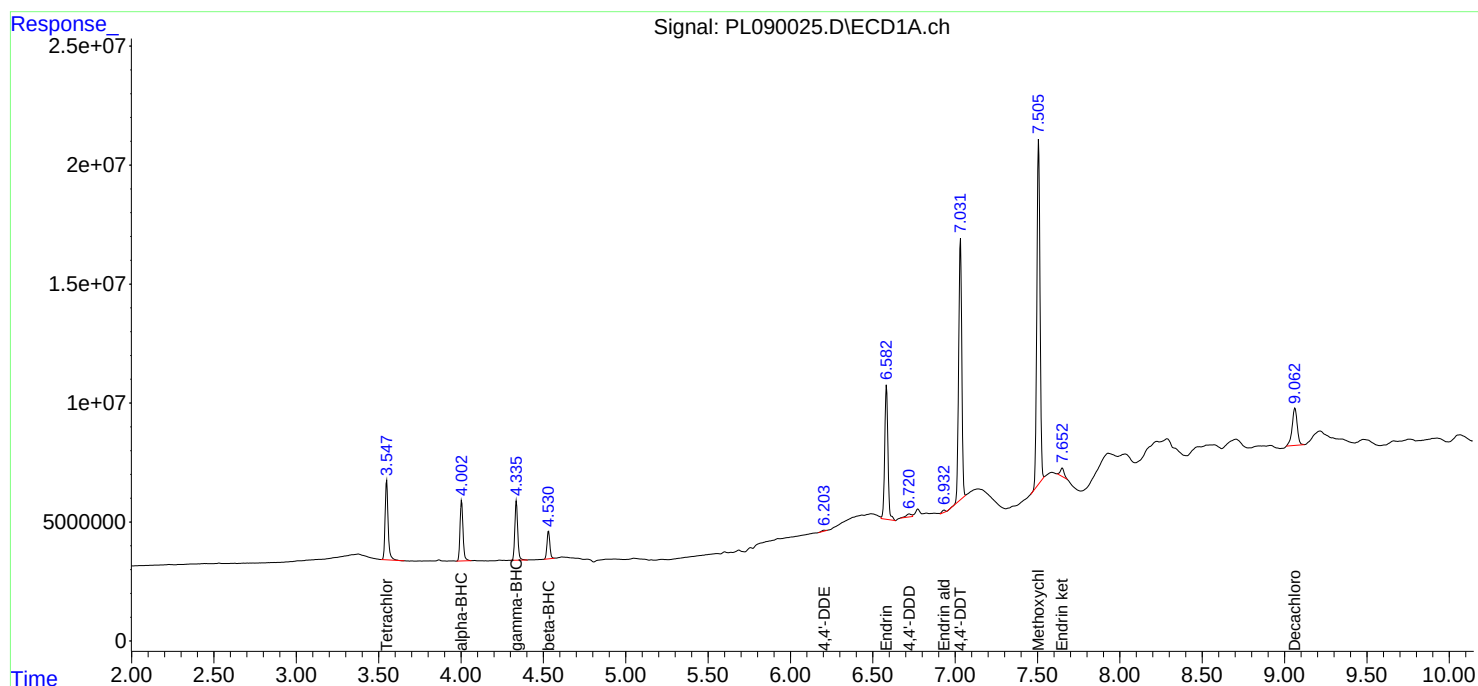
Instrument :
ECD_L
ClientSampleId :
PEM

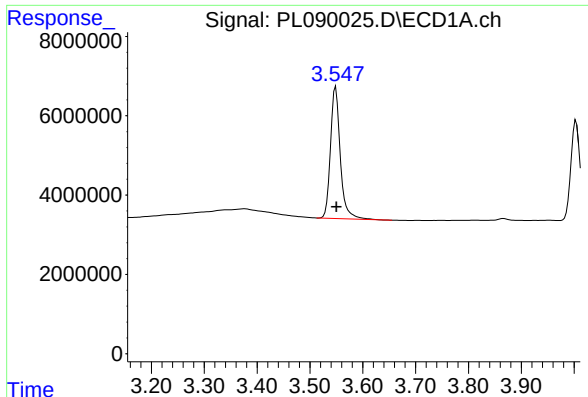
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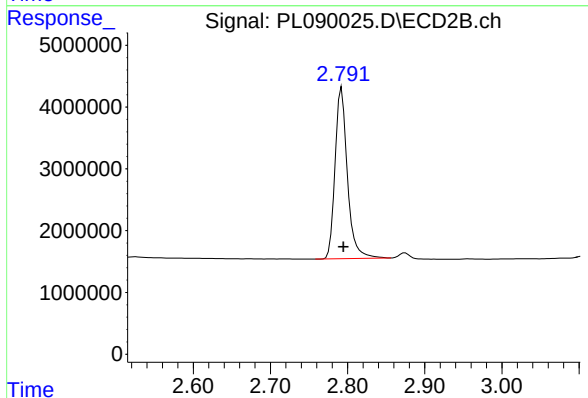
#1 Tetrachloro-m-xylene

R.T.: 3.549 min
Delta R.T.: -0.001 min
Response: 42682279
Conc: 20.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

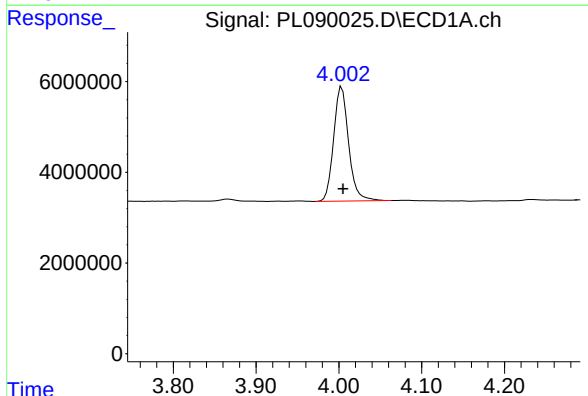
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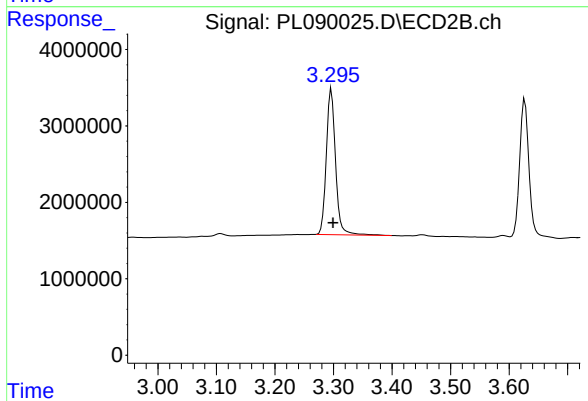
#1 Tetrachloro-m-xylene

R.T.: 2.792 min
Delta R.T.: -0.002 min
Response: 30813511
Conc: 21.49 ng/ml



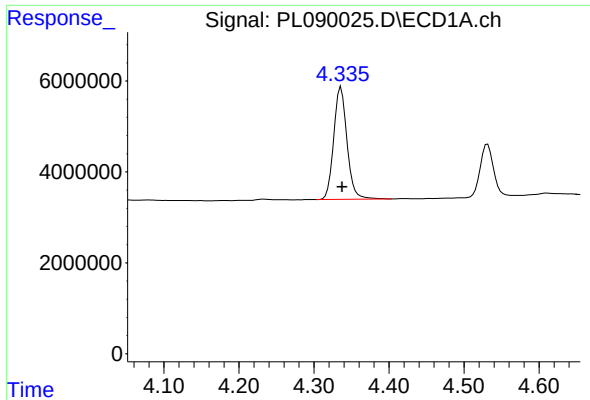
#2 alpha-BHC

R.T.: 4.004 min
Delta R.T.: -0.002 min
Response: 31731522
Conc: 10.64 ng/ml



#2 alpha-BHC

R.T.: 3.296 min
Delta R.T.: -0.003 min
Response: 20947822
Conc: 9.80 ng/ml



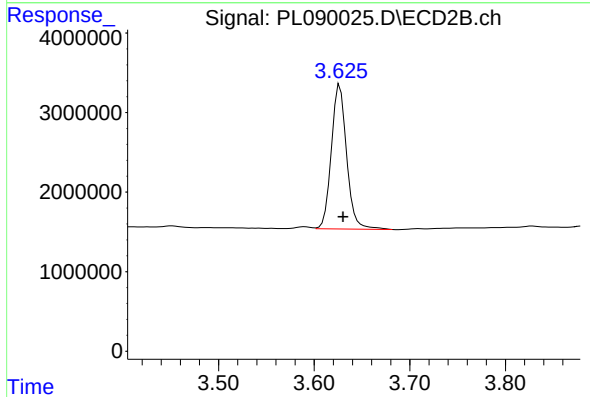
#3 gamma-BHC (Lindane)

R.T.: 4.336 min
Delta R.T.: -0.001 min
Response: 30468593
Conc: 10.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

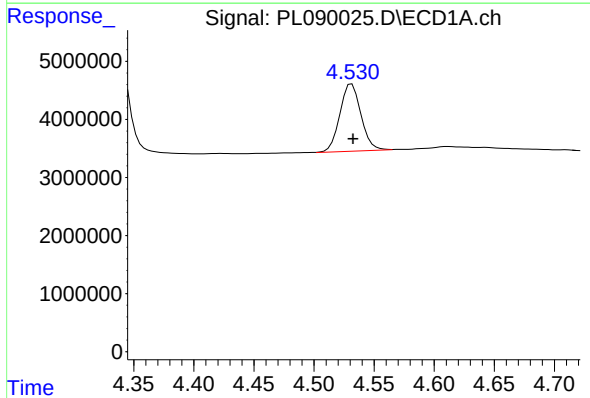
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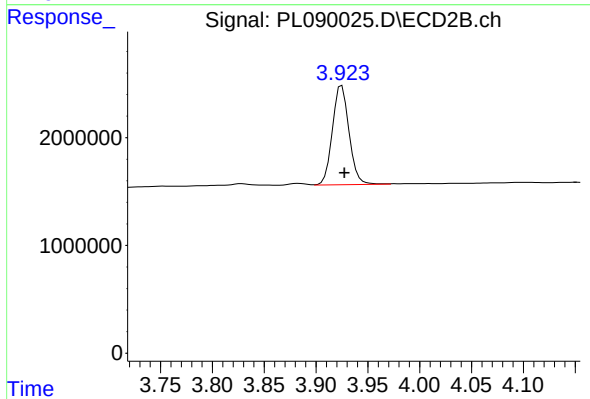
#3 gamma-BHC (Lindane)

R.T.: 3.625 min
Delta R.T.: -0.005 min
Response: 20120588
Conc: 9.62 ng/ml m



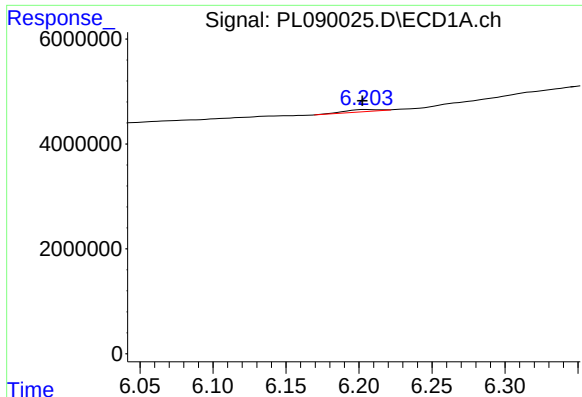
#6 beta-BHC

R.T.: 4.530 min
Delta R.T.: -0.003 min
Response: 14217346
Conc: 10.88 ng/ml m



#6 beta-BHC

R.T.: 3.925 min
Delta R.T.: -0.003 min
Response: 10293239
Conc: 11.25 ng/ml



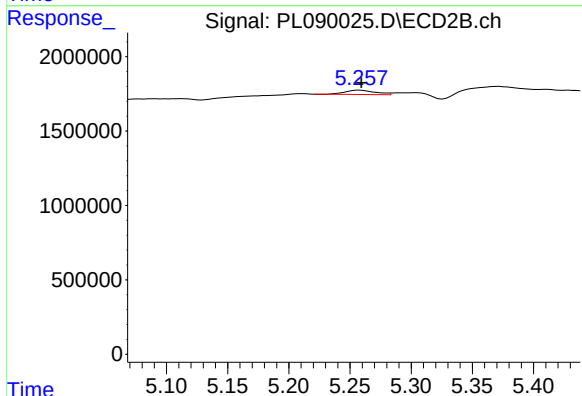
#12 4,4'-DDE

R.T.: 6.203 min
Delta R.T.: 0.000 min
Response: 706786
Conc: 0.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

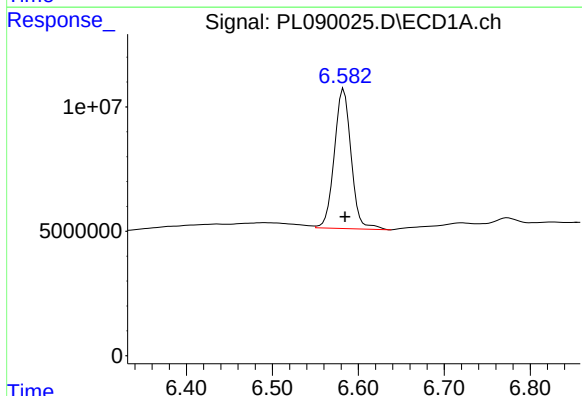
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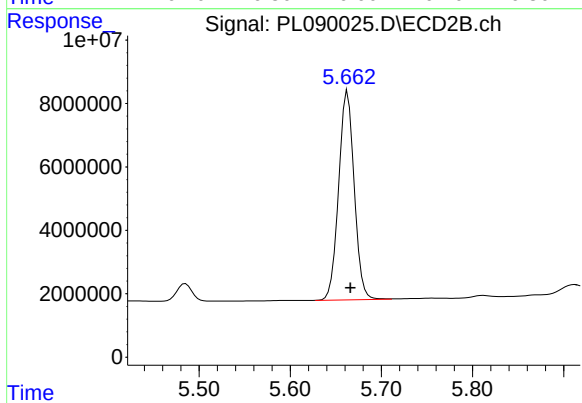
#12 4,4'-DDE

R.T.: 5.258 min
Delta R.T.: -0.001 min
Response: 506691
Conc: 0.30 ng/ml



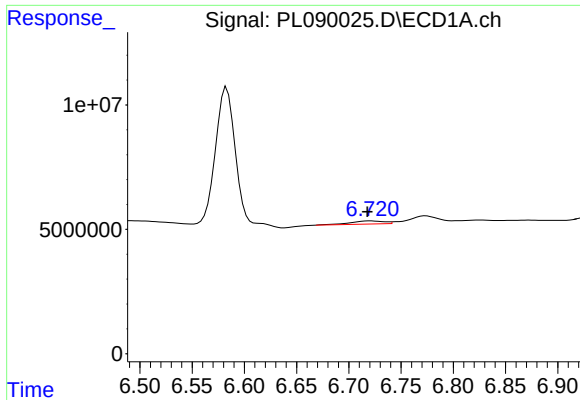
#14 Endrin

R.T.: 6.583 min
Delta R.T.: -0.001 min
Response: 76075705
Conc: 37.84 ng/ml



#14 Endrin

R.T.: 5.663 min
Delta R.T.: -0.003 min
Response: 78130517
Conc: 47.70 ng/ml



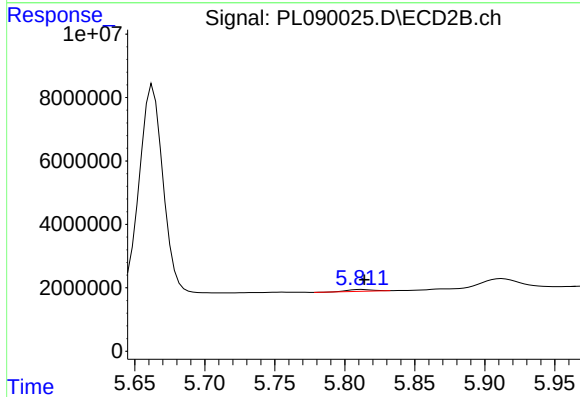
#16 4,4'-DDD

R.T.: 6.721 min
Delta R.T.: 0.003 min
Response: 2756055
Conc: 1.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

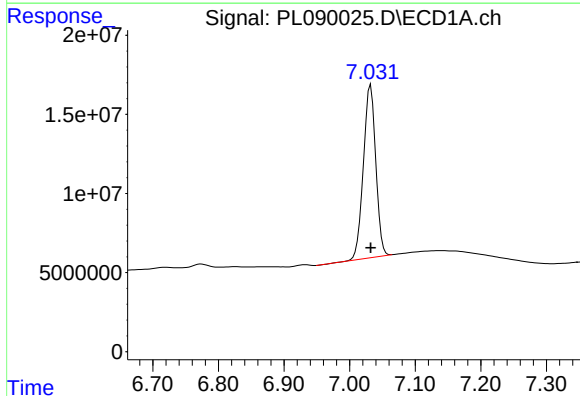
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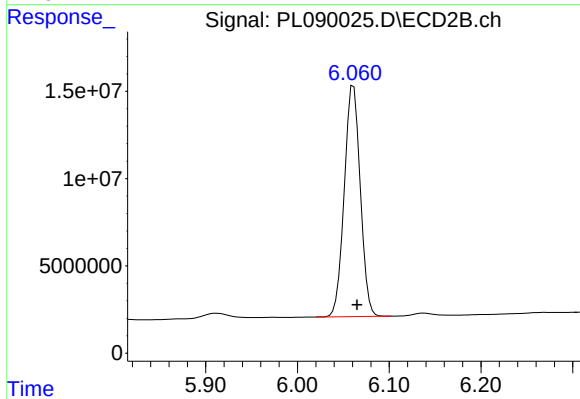
#16 4,4'-DDD

R.T.: 5.812 min
Delta R.T.: -0.002 min
Response: 619637
Conc: 0.44 ng/ml



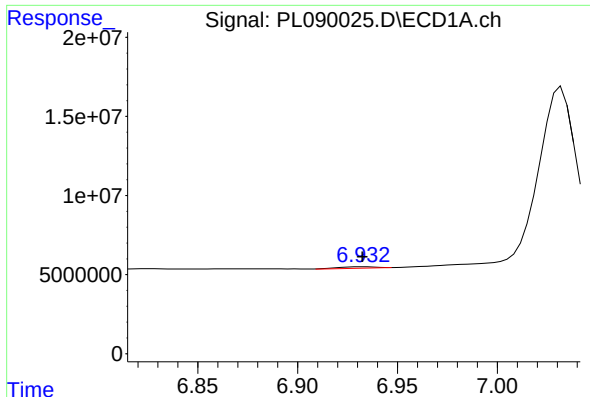
#17 4,4'-DDT

R.T.: 7.032 min
Delta R.T.: 0.000 min
Response: 142688643
Conc: 77.50 ng/ml



#17 4,4'-DDT

R.T.: 6.061 min
Delta R.T.: -0.004 min
Response: 160127032
Conc: 105.44 ng/ml



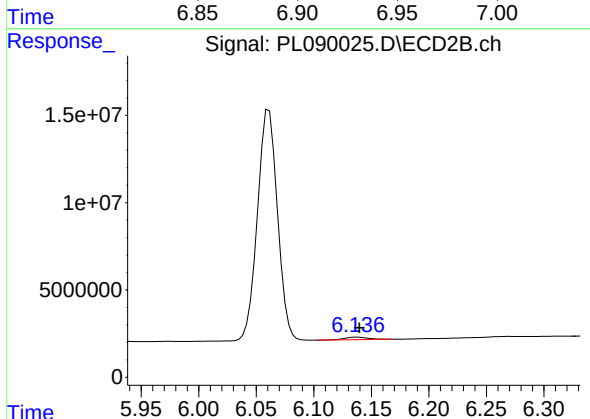
#18 Endrin aldehyde

R.T.: 6.931 min
Delta R.T.: 0.000 min
Response: 1340812
Conc: 0.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

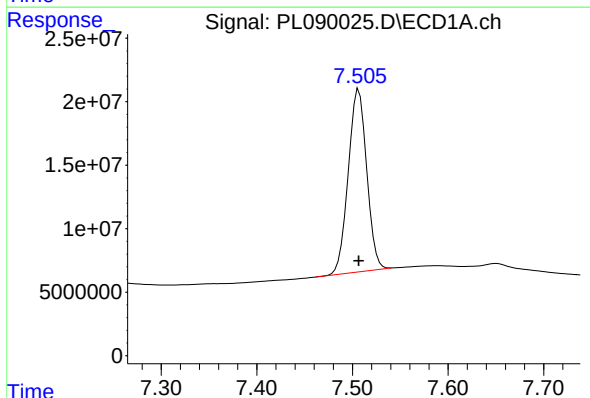
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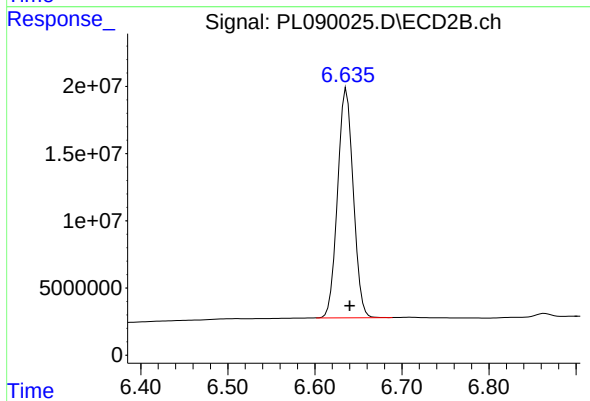
#18 Endrin aldehyde

R.T.: 6.138 min
Delta R.T.: -0.002 min
Response: 1878439
Conc: 1.55 ng/ml



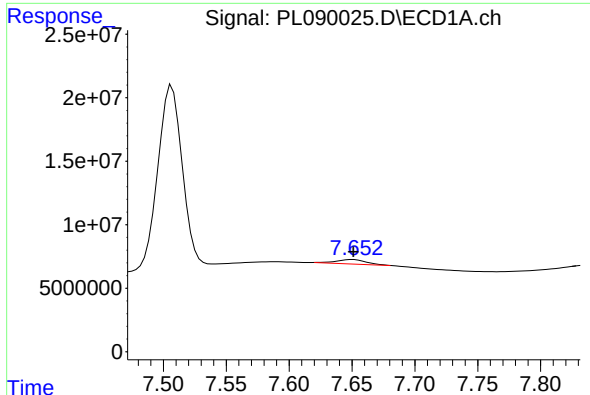
#20 Methoxychlor

R.T.: 7.507 min
Delta R.T.: 0.000 min
Response: 193395298
Conc: 196.90 ng/ml



#20 Methoxychlor

R.T.: 6.636 min
Delta R.T.: -0.004 min
Response: 213429528
Conc: 239.92 ng/ml



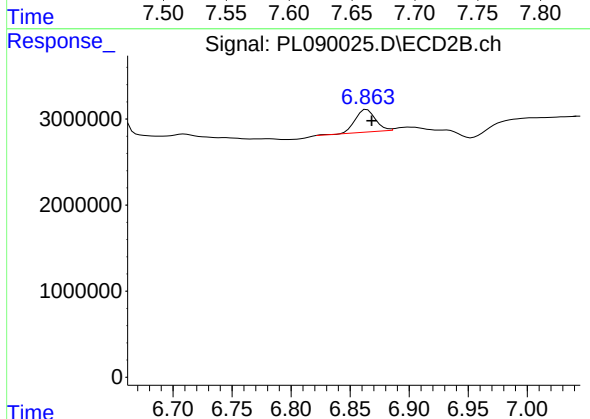
#21 Endrin ketone

R.T.: 7.652 min
Delta R.T.: 0.000 min
Response: 5767785
Conc: 2.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

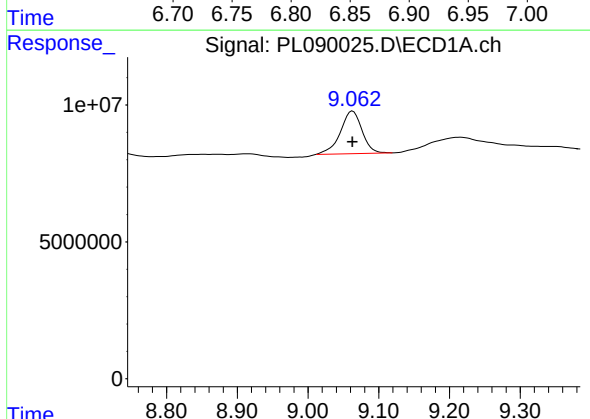
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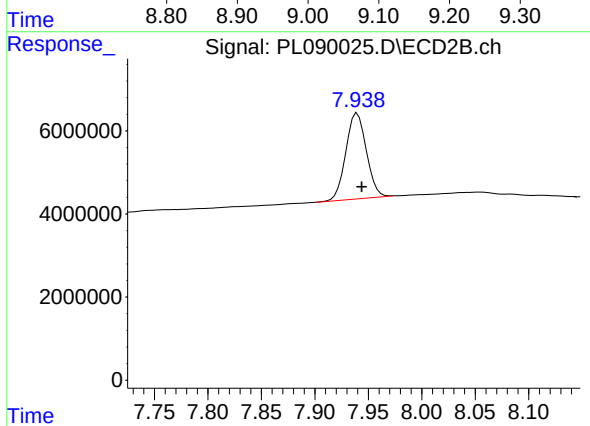
#21 Endrin ketone

R.T.: 6.864 min
Delta R.T.: -0.004 min
Response: 3132896
Conc: 1.72 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.063 min
Delta R.T.: 0.000 min
Response: 33392035
Conc: 22.71 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.940 min
Delta R.T.: -0.004 min
Response: 27515380
Conc: 18.52 ng/ml