

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL073124\
 Data File : PL090693.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 Jul 2024 10:16
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 08/01/2024
 Supervised By : Ankita Jodhani 08/01/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 31 13:14:21 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL071524.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 15 14:16:48 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...	3.554	2.789	45052039	36444395	21.637	21.655
28)	SA Decachlor...	9.073	7.934	33142673	40673473	24.941	27.895
Target Compounds							
2)	A alpha-BHC	4.008	3.292	32948288	24241089	11.104m	10.033
3)	MA gamma-BHC...	4.342	3.623	31432376	22919278	11.224	9.939
6)	B beta-BHC	4.538	3.922	14933662	11841007	11.772	11.472
12)	B 4,4'-DDE	6.206	5.250	554068	381560	0.274m	0.214m
14)	MA Endrin	6.590	5.659	93429841	85100732	50.820	49.445
16)	A 4,4'-DDD	6.724	5.806	6229429	3377020	3.690	2.254 #
17)	MA 4,4'-DDT	7.038	6.058	167.3E6	173.6E6	99.372	118.487
18)	B Endrin al...	6.938	6.133	3312423	3335782	2.233	2.553
20)	A Methoxychlor	7.514	6.633	219.9E6	209.8E6	249.043	259.440
21)	B Endrin ke...	7.657	6.861	7585691	6811890	3.974	3.727

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

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Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

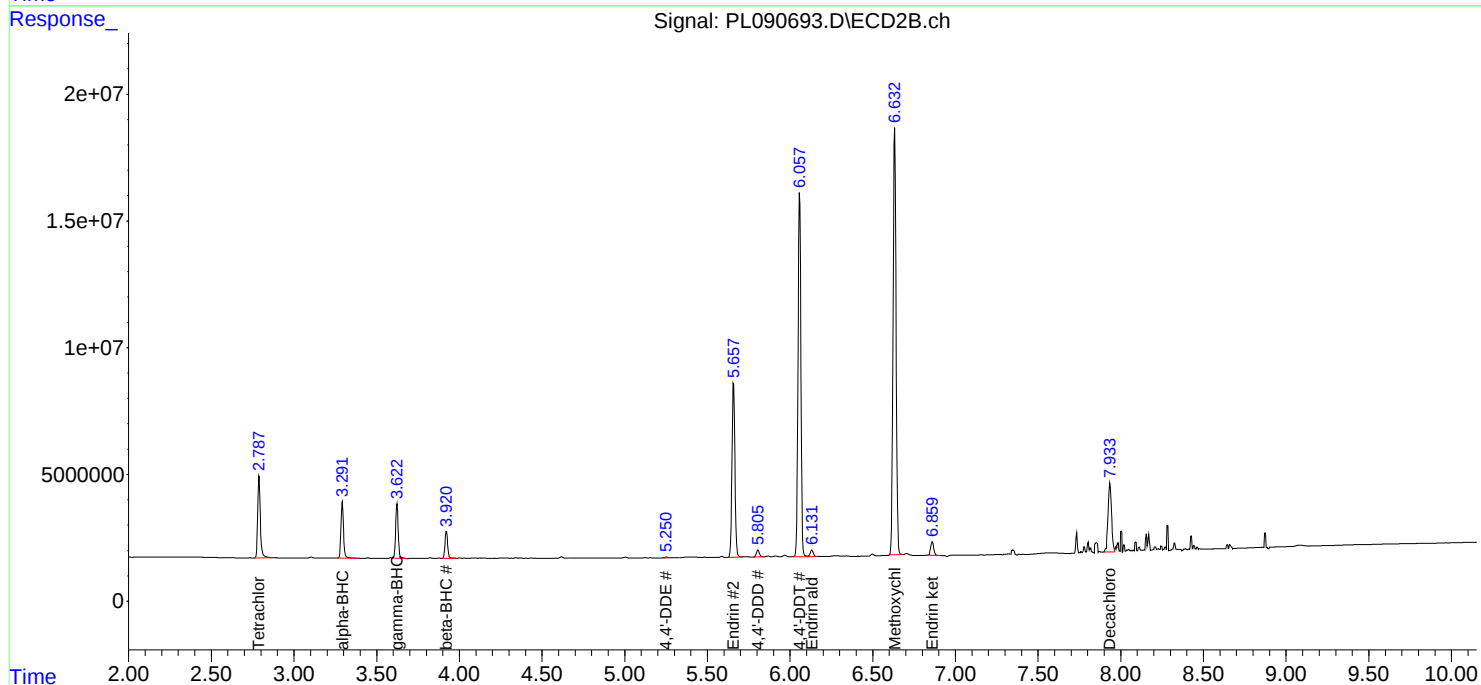
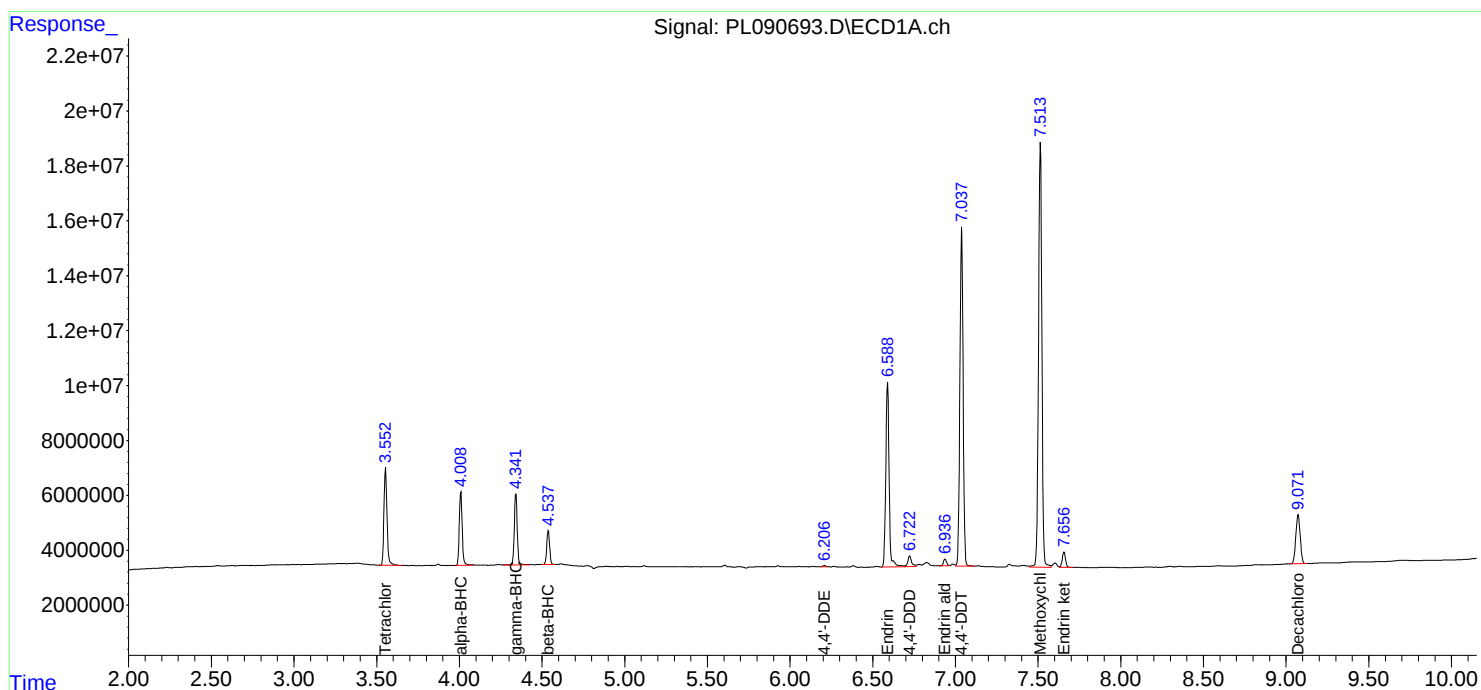
Instrument :
ECD_L
ClientSampleId :
PEM

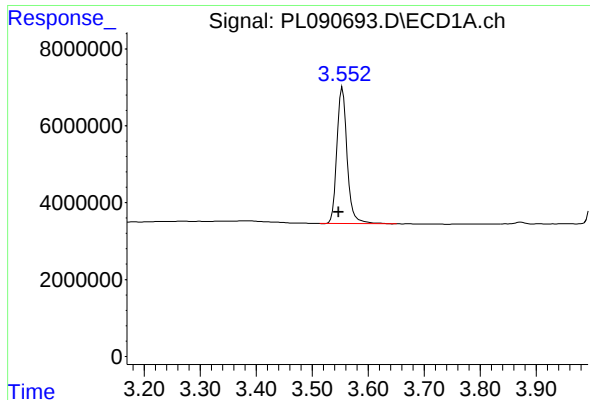
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Integration File signal 1: autoint1.e
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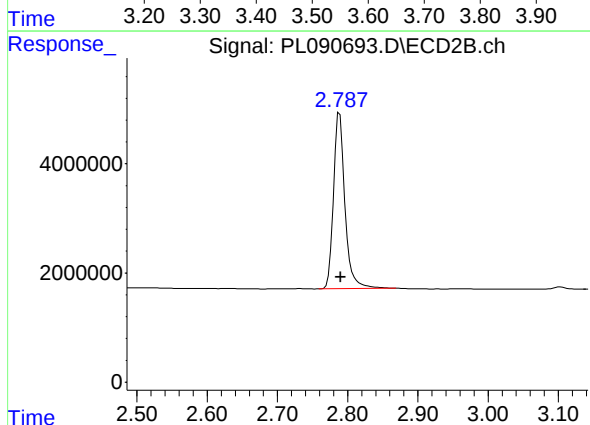
#1 Tetrachloro-m-xylene

R.T.: 3.554 min
Delta R.T.: 0.007 min
Response: 45052039
Conc: 21.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

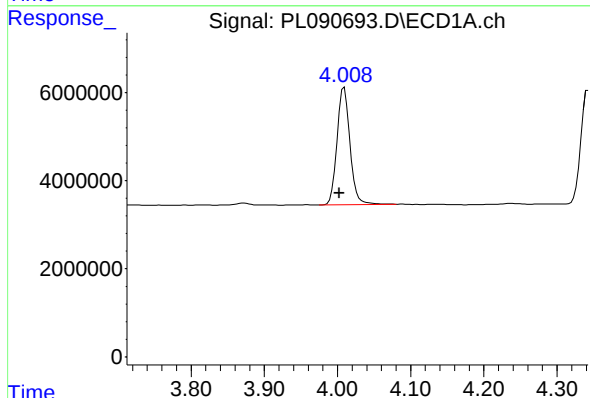
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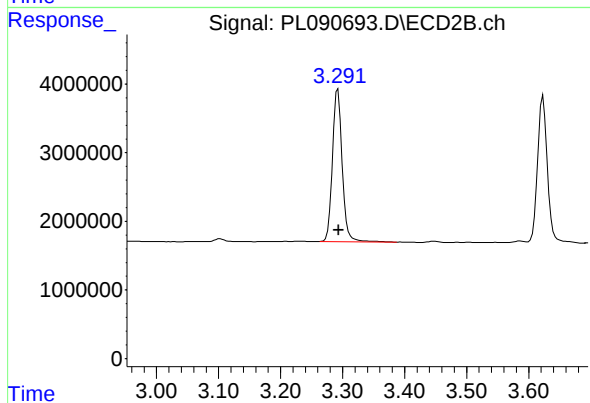
#1 Tetrachloro-m-xylene

R.T.: 2.789 min
Delta R.T.: -0.001 min
Response: 36444395
Conc: 21.65 ng/ml



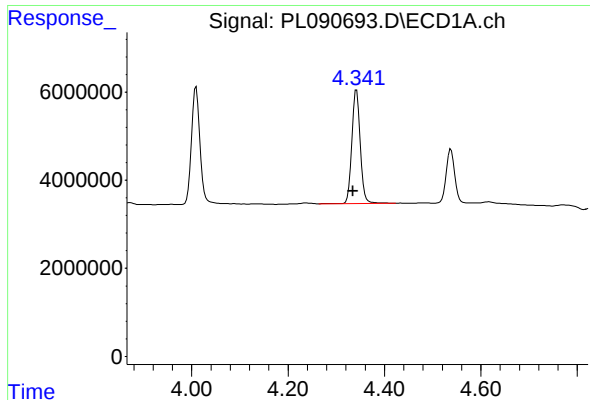
#2 alpha-BHC

R.T.: 4.008 min
Delta R.T.: 0.005 min
Response: 32948288
Conc: 11.10 ng/ml m



#2 alpha-BHC

R.T.: 3.292 min
Delta R.T.: -0.001 min
Response: 24241089
Conc: 10.03 ng/ml



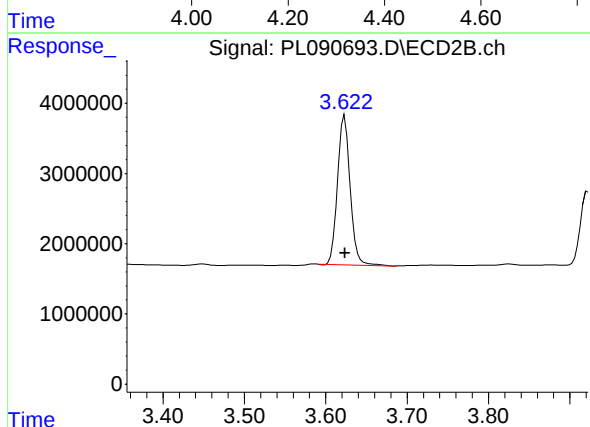
#3 gamma-BHC (Lindane)

R.T.: 4.342 min
Delta R.T.: 0.008 min
Response: 31432376
Conc: 11.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

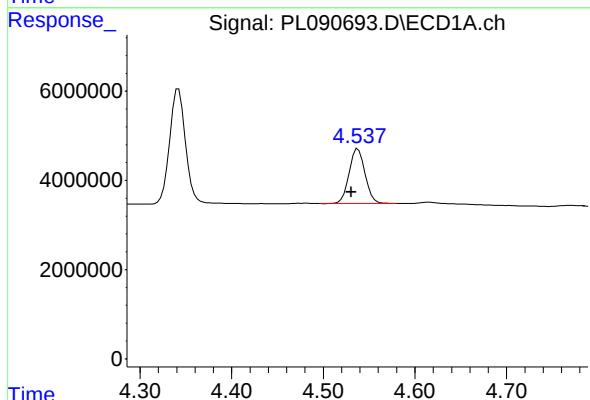
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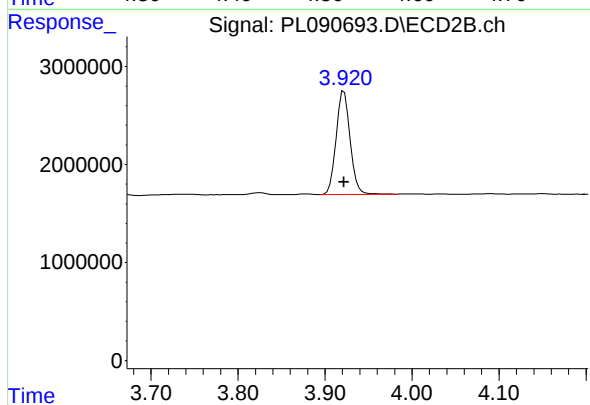
#3 gamma-BHC (Lindane)

R.T.: 3.623 min
Delta R.T.: 0.000 min
Response: 22919278
Conc: 9.94 ng/ml



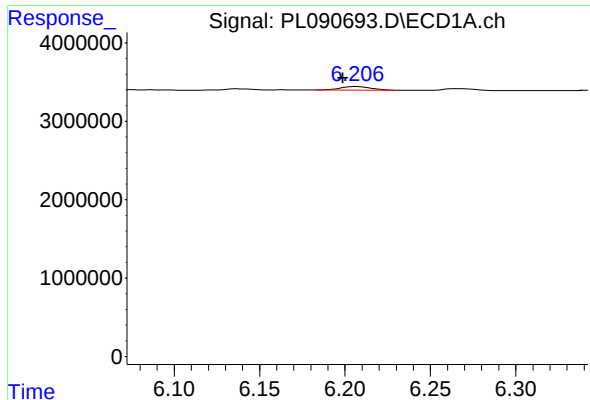
#6 beta-BHC

R.T.: 4.538 min
Delta R.T.: 0.007 min
Response: 14933662
Conc: 11.77 ng/ml



#6 beta-BHC

R.T.: 3.922 min
Delta R.T.: 0.000 min
Response: 11841007
Conc: 11.47 ng/ml



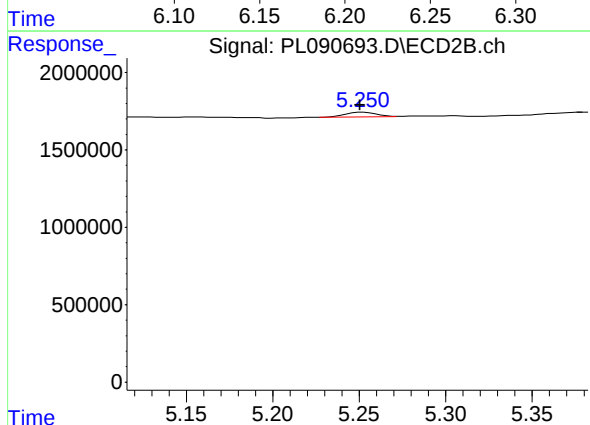
#12 4,4'-DDE

R.T.: 6.206 min
Delta R.T.: 0.007 min
Response: 554068
Conc: 0.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

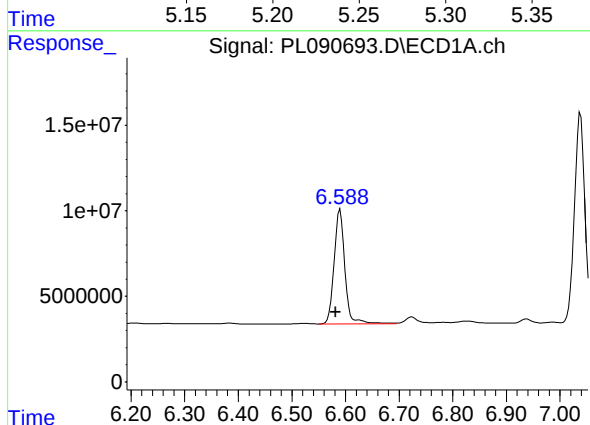
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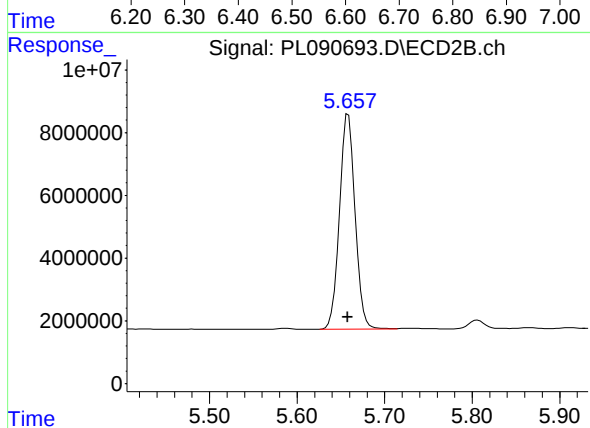
#12 4,4'-DDE

R.T.: 5.250 min
Delta R.T.: 0.000 min
Response: 381560
Conc: 0.21 ng/ml



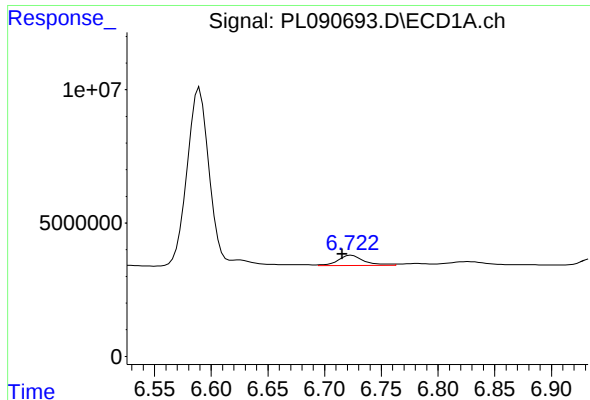
#14 Endrin

R.T.: 6.590 min
Delta R.T.: 0.008 min
Response: 93429841
Conc: 50.82 ng/ml



#14 Endrin

R.T.: 5.659 min
Delta R.T.: 0.000 min
Response: 85100732
Conc: 49.45 ng/ml



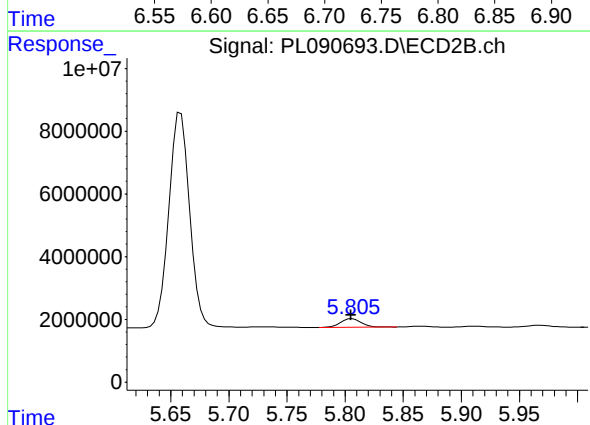
#16 4,4'-DDD

R.T.: 6.724 min
Delta R.T.: 0.008 min
Response: 6229429
Conc: 3.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

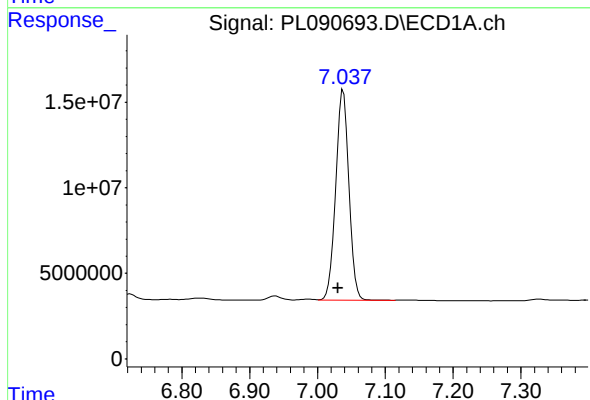
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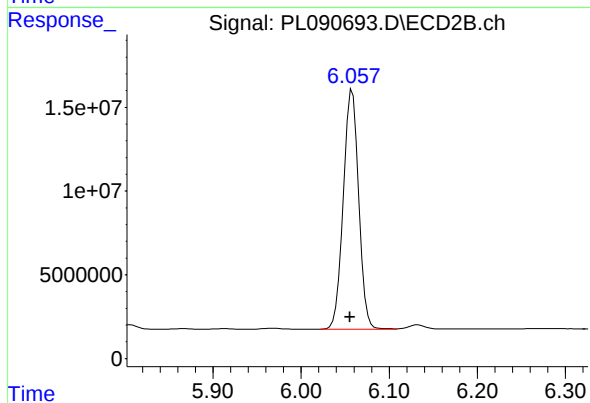
#16 4,4'-DDD

R.T.: 5.806 min
Delta R.T.: 0.000 min
Response: 3377020
Conc: 2.25 ng/ml



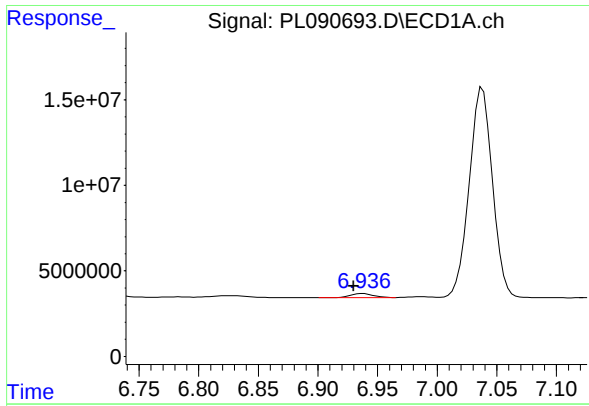
#17 4,4'-DDT

R.T.: 7.038 min
Delta R.T.: 0.008 min
Response: 167272462
Conc: 99.37 ng/ml



#17 4,4'-DDT

R.T.: 6.058 min
Delta R.T.: 0.002 min
Response: 173601329
Conc: 118.49 ng/ml



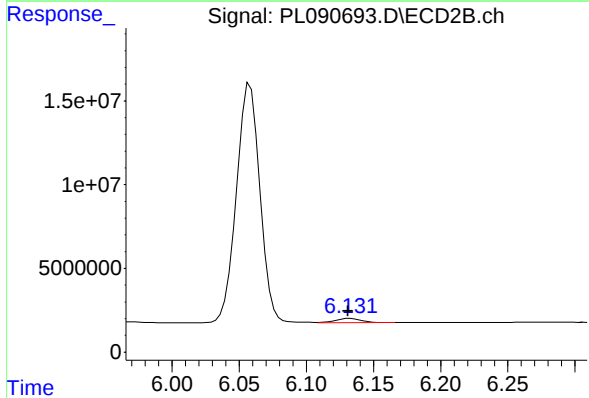
#18 Endrin aldehyde

R.T.: 6.938 min
Delta R.T.: 0.008 min
Response: 3312423
Conc: 2.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

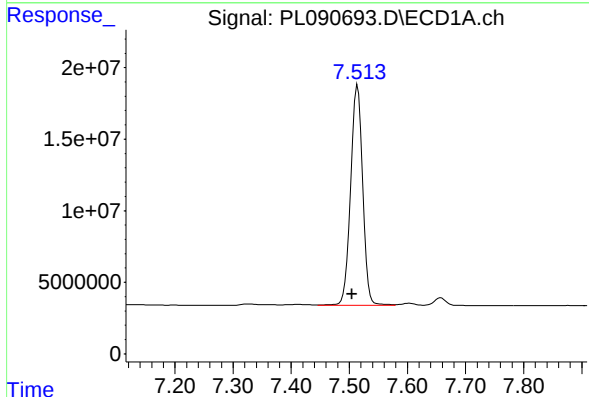
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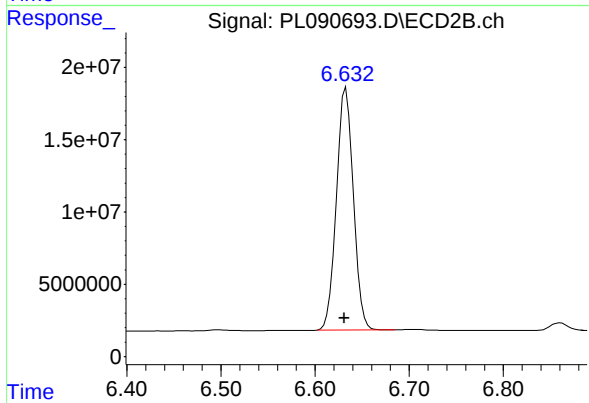
#18 Endrin aldehyde

R.T.: 6.133 min
Delta R.T.: 0.002 min
Response: 3335782
Conc: 2.55 ng/ml



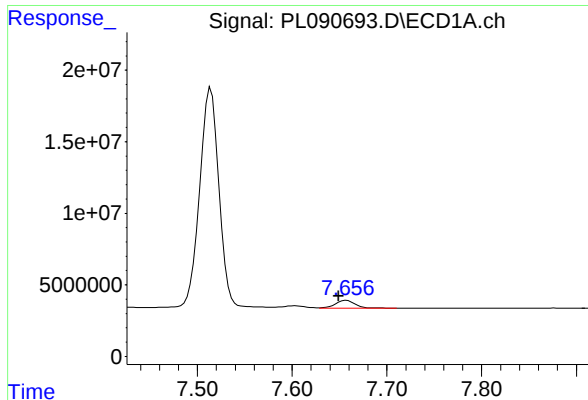
#20 Methoxychlor

R.T.: 7.514 min
Delta R.T.: 0.009 min
Response: 219882795
Conc: 249.04 ng/ml



#20 Methoxychlor

R.T.: 6.633 min
Delta R.T.: 0.002 min
Response: 209769514
Conc: 259.44 ng/ml



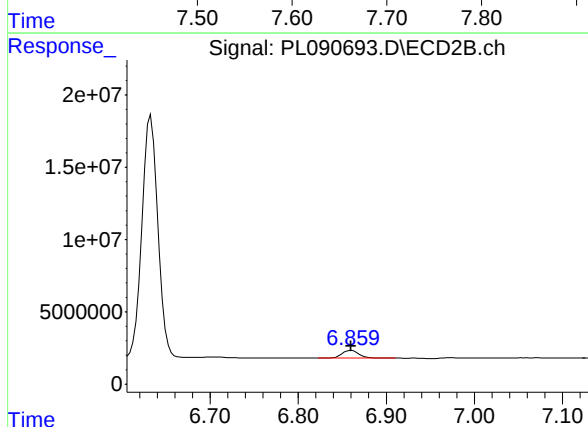
#21 Endrin ketone

R.T.: 7.657 min
Delta R.T.: 0.008 min
Response: 7585691
Conc: 3.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

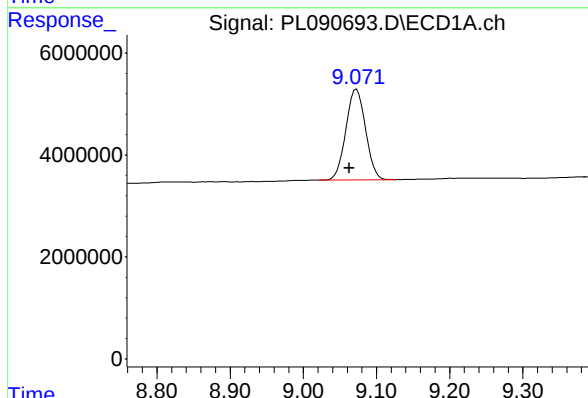
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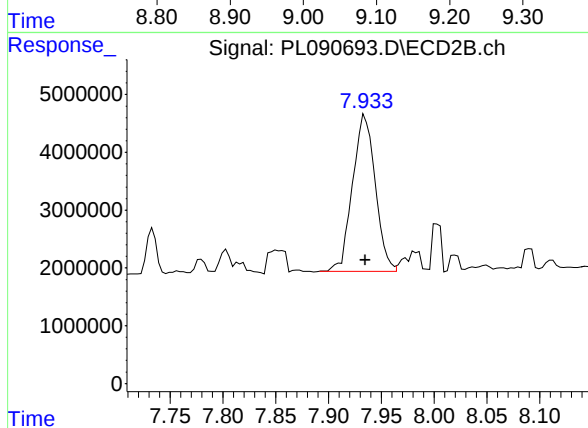
#21 Endrin ketone

R.T.: 6.861 min
Delta R.T.: 0.000 min
Response: 6811890
Conc: 3.73 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.073 min
Delta R.T.: 0.010 min
Response: 33142673
Conc: 24.94 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.934 min
Delta R.T.: 0.000 min
Response: 40673473
Conc: 27.89 ng/ml