

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL012724\
 Data File : PL087985.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Jan 2024 20:02
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 01/29/2024
 Supervised By :Ankita Jodhani 01/29/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 27 03:32:02 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012724.M
 Quant Title : GC Extractables
 QLast Update : Sat Jan 27 03:25:33 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...	3.417	2.671	59363149	25169225	20.466	20.278
28)	SA Decachlor...	8.977	7.857	58363597	26531499	21.777	21.815
Target Compounds							
2)	A alpha-BHC	3.873	3.175	41265107	16958599	9.484	9.218
3)	MA gamma-BHC...	4.207	3.504	40048775	16177971	9.465	8.968m
6)	B beta-BHC	4.407	3.807	19429233	8103302	10.523	10.708
12)	B 4,4'-DDE	6.091	5.152	389197	140275	0.129m	0.110
14)	MA Endrin	6.468	5.548	141.4E6	65751692	46.807	48.549
16)	A 4,4'-DDD	6.614	5.710	361257	176633	0.150m	0.168
17)	MA 4,4'-DDT	6.931	5.961	283.2E6	131.0E6	103.482	110.407
18)	B Endrin al...	6.822	6.028	2700497	1629664	1.160	1.614m#
20)	A Methoxychlor	7.417	6.546	373.9E6	173.5E6	240.617	244.508
21)	B Endrin ke...	7.542	6.759	5407560	2849986	1.766m	1.920

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

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Data File : PL087985.D
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Acq On : 26 Jan 2024 20:02
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

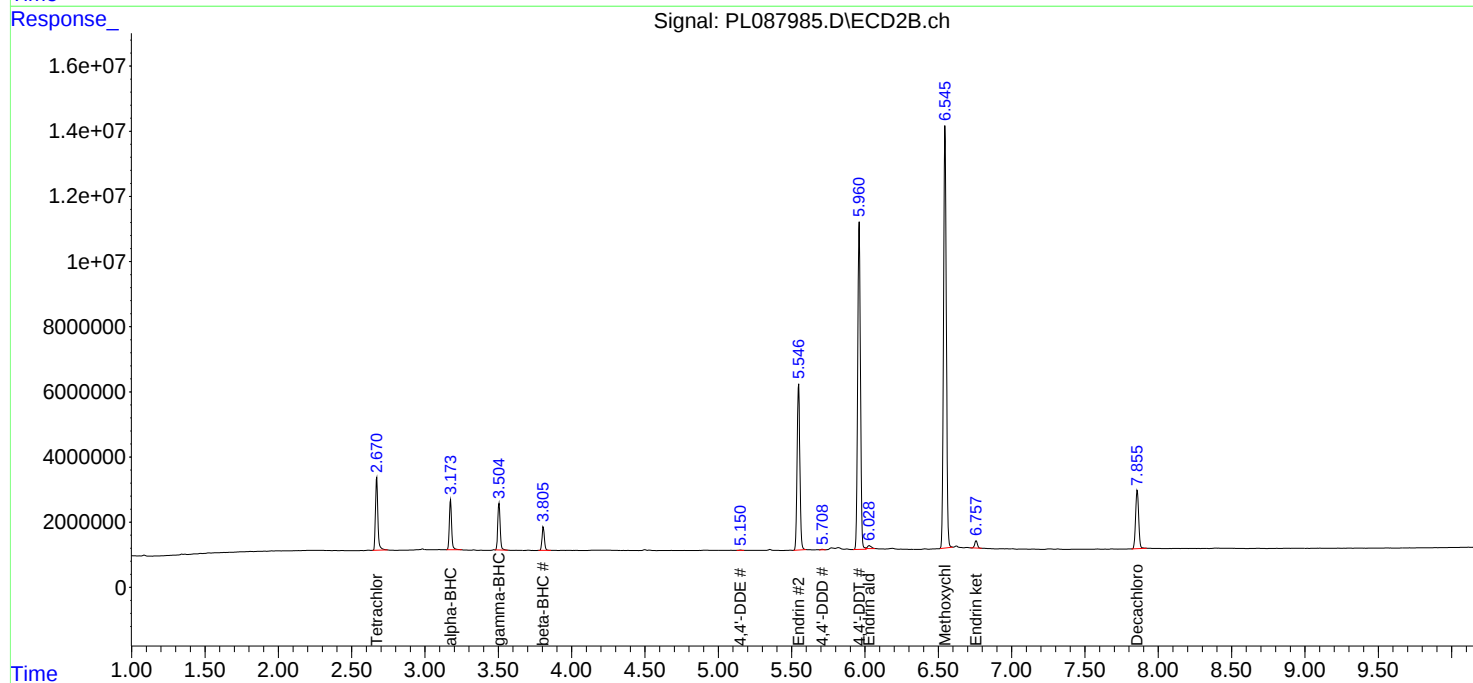
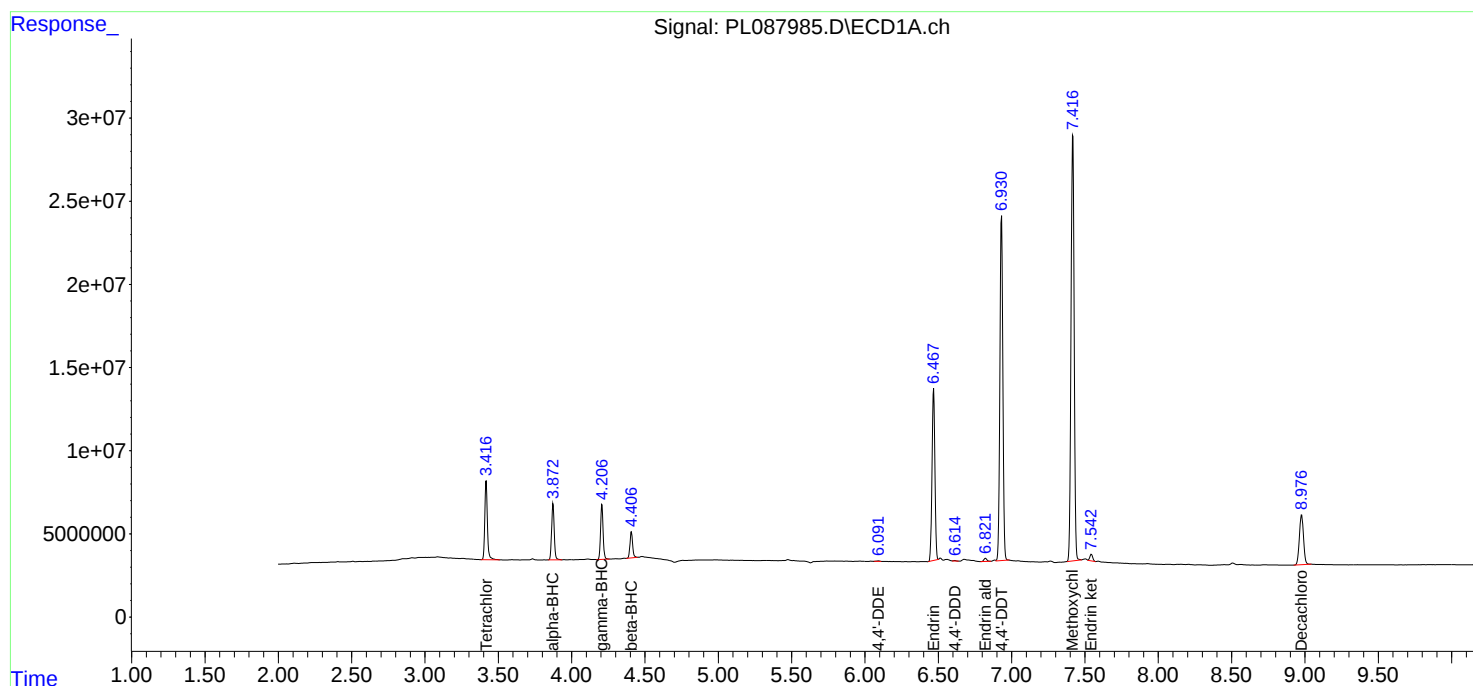
Instrument :
ECD_L
ClientSampleId :
PEM

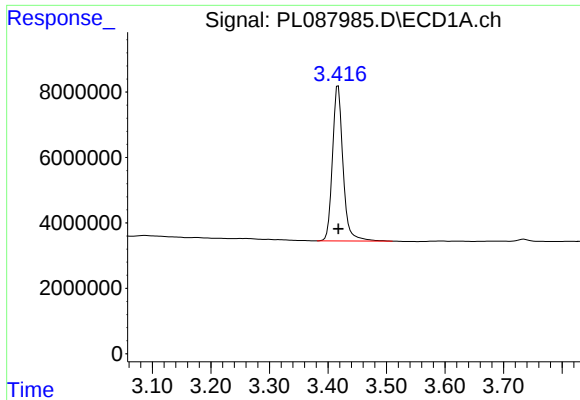
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Integration File signal 1: autoint1.e
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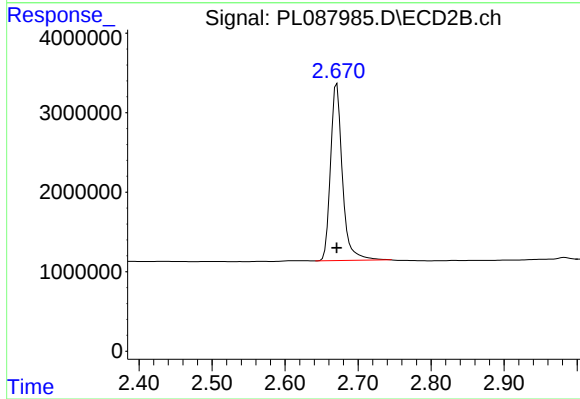
#1 Tetrachloro-m-xylene

R.T.: 3.417 min
Delta R.T.: 0.000 min
Response: 59363149
Conc: 20.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

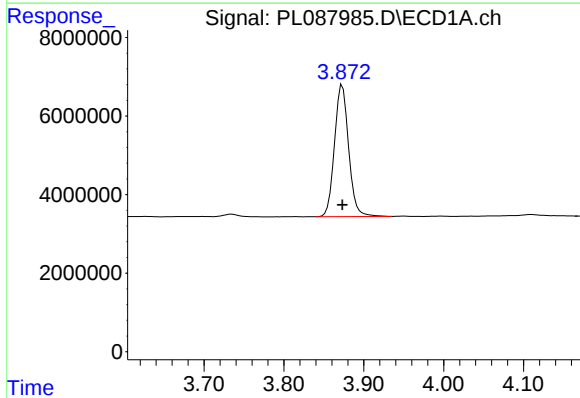
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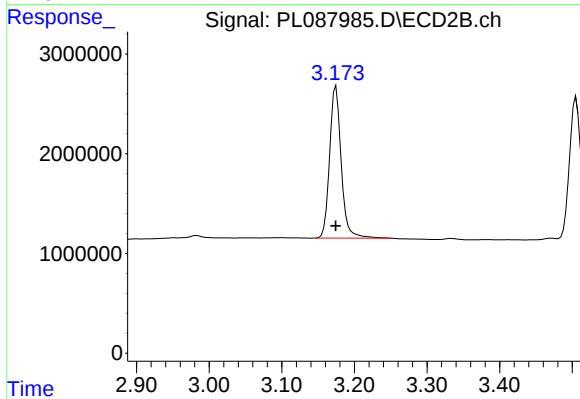
#1 Tetrachloro-m-xylene

R.T.: 2.671 min
Delta R.T.: 0.000 min
Response: 25169225
Conc: 20.28 ng/ml



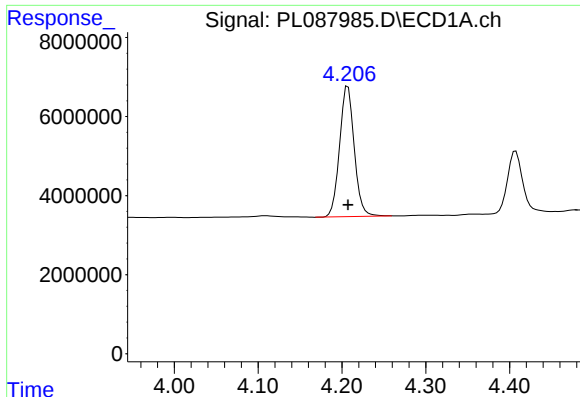
#2 alpha-BHC

R.T.: 3.873 min
Delta R.T.: 0.000 min
Response: 41265107
Conc: 9.48 ng/ml



#2 alpha-BHC

R.T.: 3.175 min
Delta R.T.: 0.000 min
Response: 16958599
Conc: 9.22 ng/ml



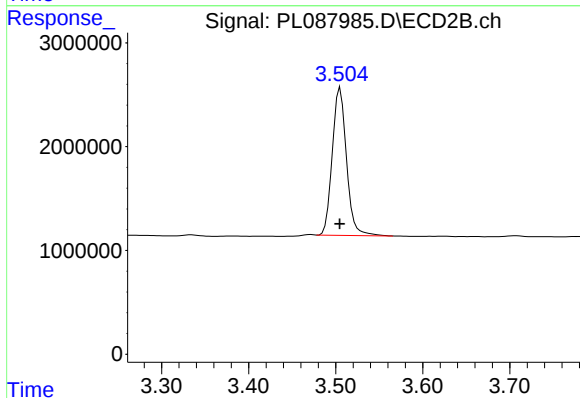
#3 gamma-BHC (Lindane)

R.T.: 4.207 min
Delta R.T.: 0.000 min
Response: 40048775
Conc: 9.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

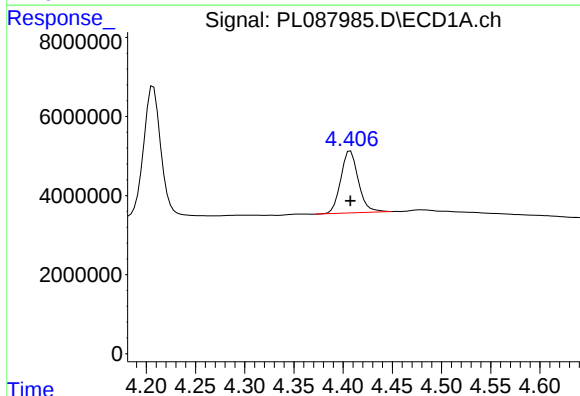
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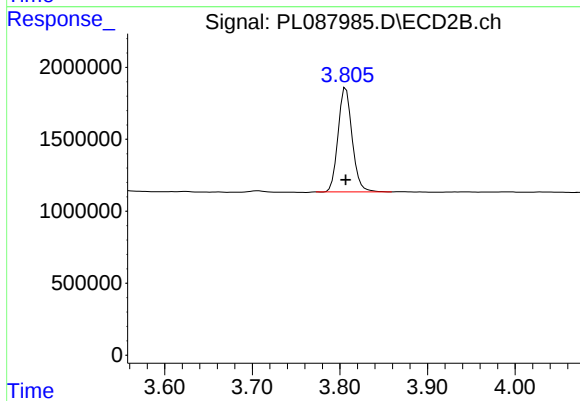
#3 gamma-BHC (Lindane)

R.T.: 3.504 min
Delta R.T.: 0.000 min
Response: 16177971
Conc: 8.97 ng/ml m



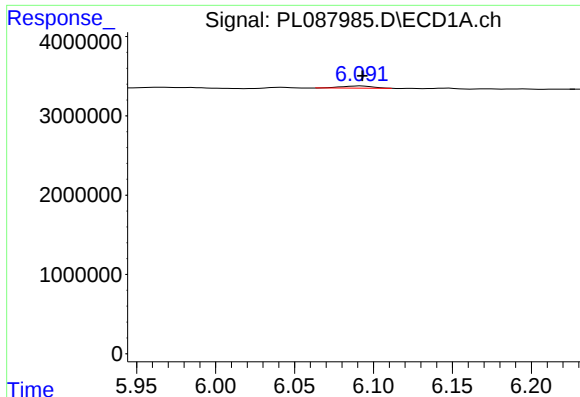
#6 beta-BHC

R.T.: 4.407 min
Delta R.T.: 0.000 min
Response: 19429233
Conc: 10.52 ng/ml



#6 beta-BHC

R.T.: 3.807 min
Delta R.T.: 0.000 min
Response: 8103302
Conc: 10.71 ng/ml



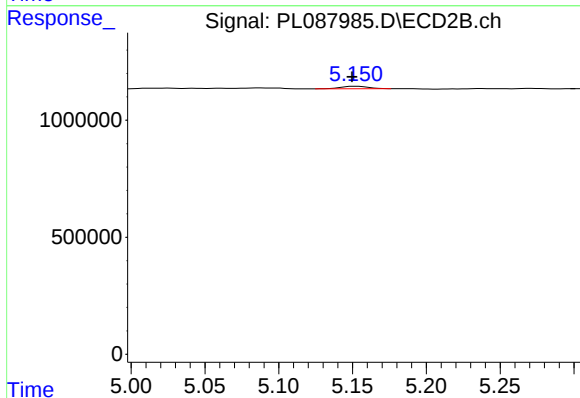
#12 4,4'-DDE

R.T.: 6.091 min
Delta R.T.: -0.002 min
Response: 389197
Conc: 0.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

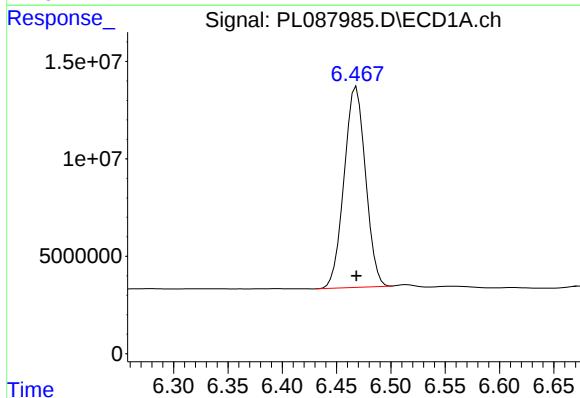
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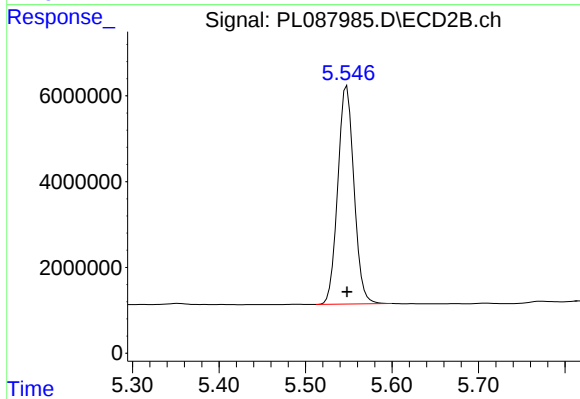
#12 4,4'-DDE

R.T.: 5.152 min
Delta R.T.: 0.002 min
Response: 140275
Conc: 0.11 ng/ml



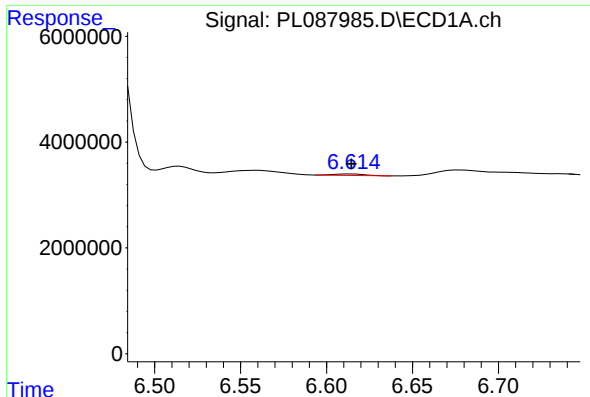
#14 Endrin

R.T.: 6.468 min
Delta R.T.: 0.000 min
Response: 141398666
Conc: 46.81 ng/ml



#14 Endrin

R.T.: 5.548 min
Delta R.T.: 0.000 min
Response: 65751692
Conc: 48.55 ng/ml



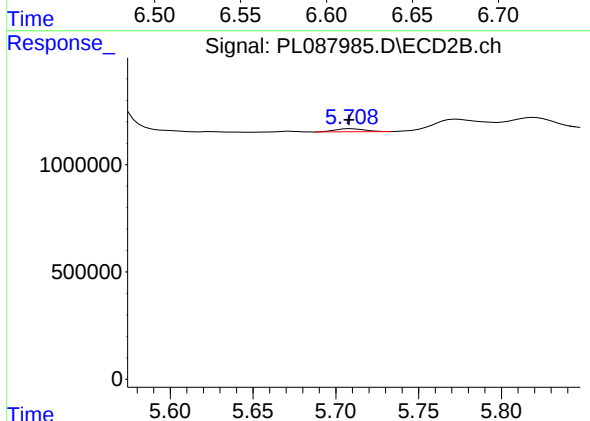
#16 4,4'-DDD

R.T.: 6.614 min
Delta R.T.: 0.000 min
Response: 361257
Conc: 0.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

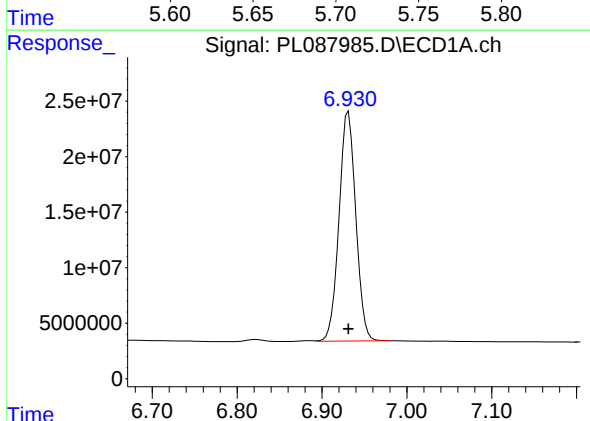
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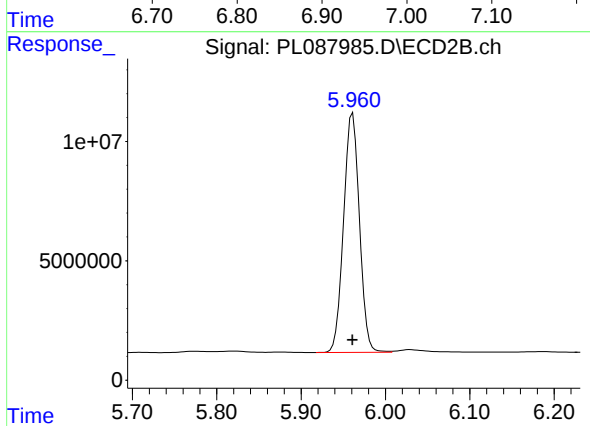
#16 4,4'-DDD

R.T.: 5.710 min
Delta R.T.: 0.002 min
Response: 176633
Conc: 0.17 ng/ml



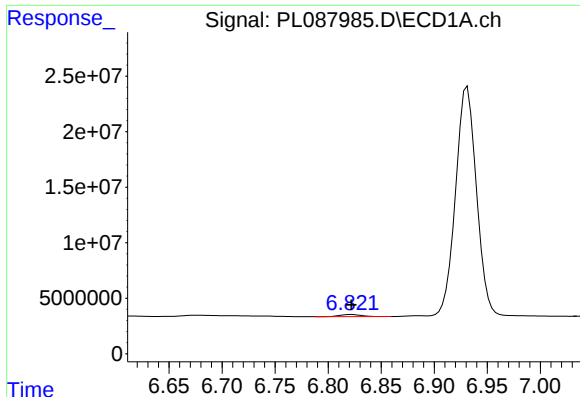
#17 4,4'-DDT

R.T.: 6.931 min
Delta R.T.: 0.000 min
Response: 283230051
Conc: 103.48 ng/ml



#17 4,4'-DDT

R.T.: 5.961 min
Delta R.T.: 0.000 min
Response: 131017309
Conc: 110.41 ng/ml



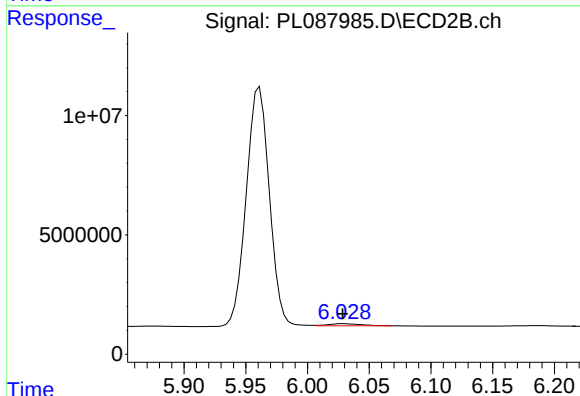
#18 Endrin aldehyde

R.T.: 6.822 min
Delta R.T.: 0.000 min
Response: 2700497
Conc: 1.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

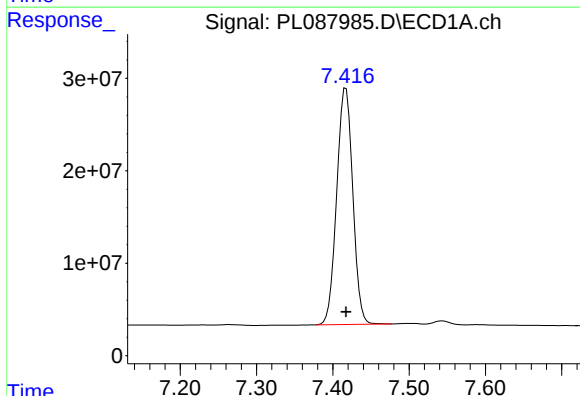
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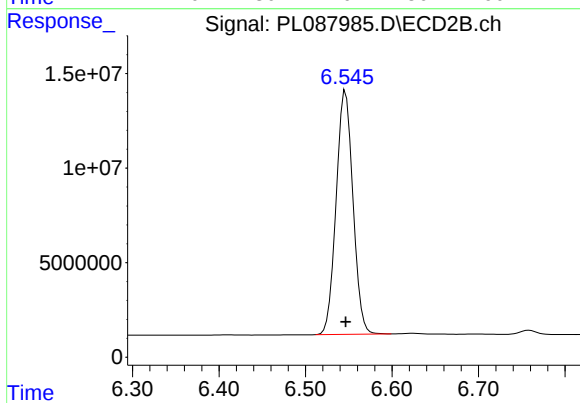
#18 Endrin aldehyde

R.T.: 6.028 min
Delta R.T.: 0.000 min
Response: 1629664
Conc: 1.61 ng/ml m



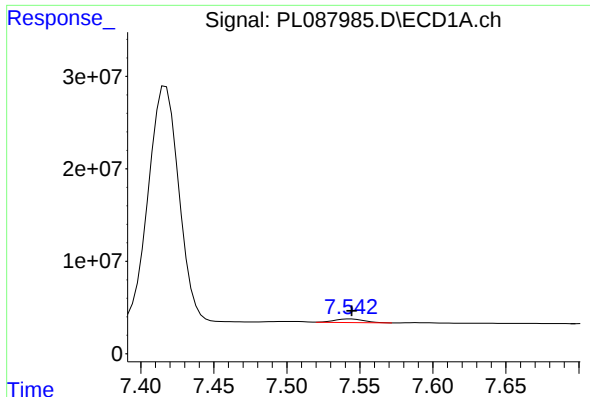
#20 Methoxychlor

R.T.: 7.417 min
Delta R.T.: 0.000 min
Response: 373880567
Conc: 240.62 ng/ml



#20 Methoxychlor

R.T.: 6.546 min
Delta R.T.: 0.000 min
Response: 173544069
Conc: 244.51 ng/ml



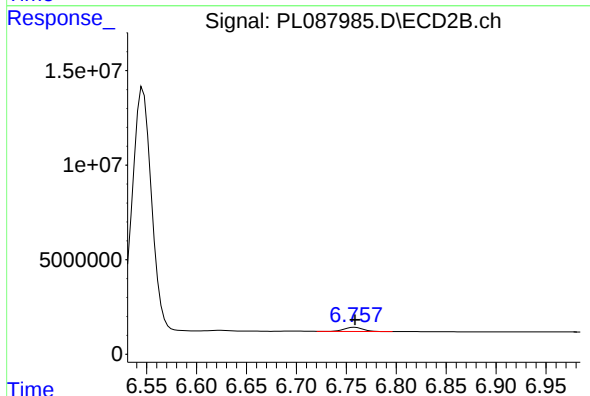
#21 Endrin ketone

R.T.: 7.542 min
Delta R.T.: -0.002 min
Response: 5407560
Conc: 1.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

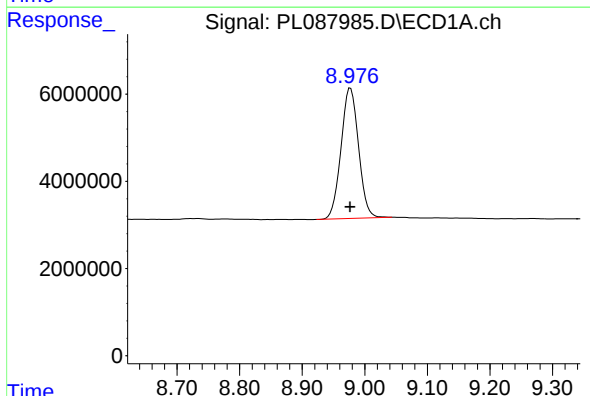
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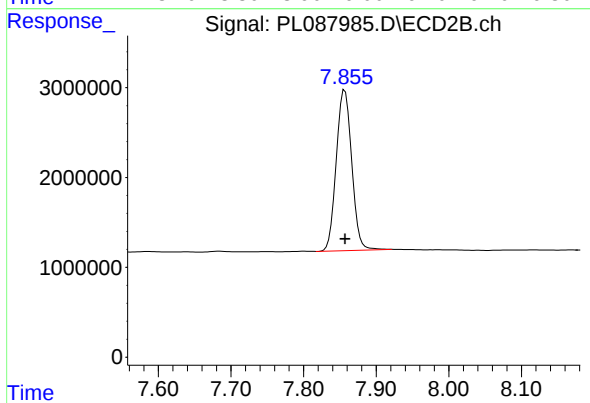
#21 Endrin ketone

R.T.: 6.759 min
Delta R.T.: 0.000 min
Response: 2849986
Conc: 1.92 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.977 min
Delta R.T.: 0.000 min
Response: 58363597
Conc: 21.78 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.857 min
Delta R.T.: 0.000 min
Response: 26531499
Conc: 21.81 ng/ml