

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL121423\
 Data File : PL087150.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Dec 2023 09:09
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 12/15/2023
 Supervised By : Ankita Jodhani 12/15/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 14 21:42:45 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL121223.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 12 17:22:26 2023
 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...	3.456	2.704	70720555	19273756	19.383	19.515
28)	SA Decachlor...	9.050	7.900	65295550	22263634	21.572	21.734
Target Compounds							
2)	A alpha-BHC	3.914	3.211	47813798	11967544	9.102	9.062
3)	MA gamma-BHC...	4.250	3.542	46083981	11891378	9.383	9.082
6)	B beta-BHC	4.451	3.844	21556926	6467112	10.261	10.840
12)	B 4,4'-DDE	6.145	5.190	605292	169983	0.185	0.164m
14)	MA Endrin	6.519	5.589	143.6E6	47600885	43.111	46.557
16)	A 4,4'-DDD	6.668	5.750	6445837	1907776	2.649m	2.301
17)	MA 4,4'-DDT	6.988	6.003	294.7E6	95189227	104.322m	108.504
18)	B Endrin al...	6.876	6.069	5577678	2344918	2.370	2.943m
20)	A Methoxychlor	7.481	6.589	384.8E6	127.6E6	263.122	234.074
21)	B Endrin ke...	7.600	6.799	10356345	3860831	3.192	3.592

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

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Operator : AR\AJ
Sample : PEM
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ALS Vial : 3 Sample Multiplier: 1

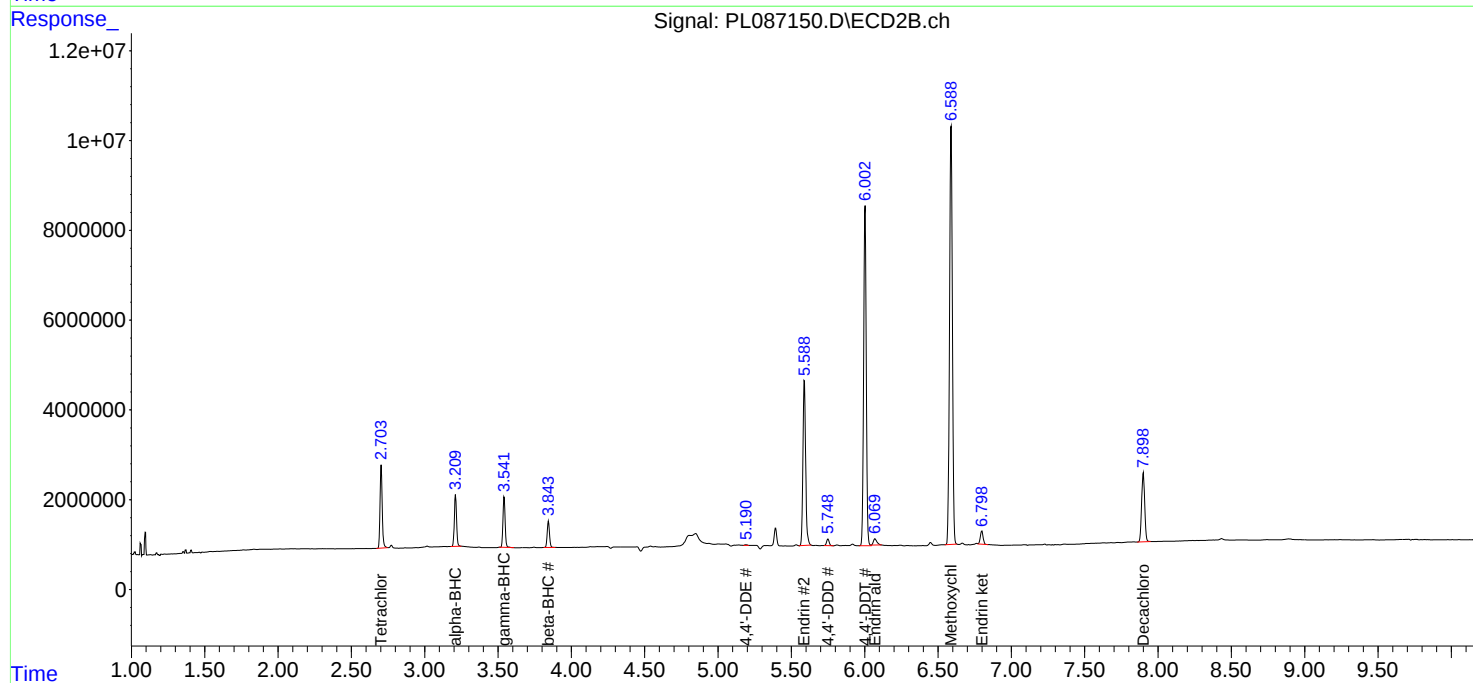
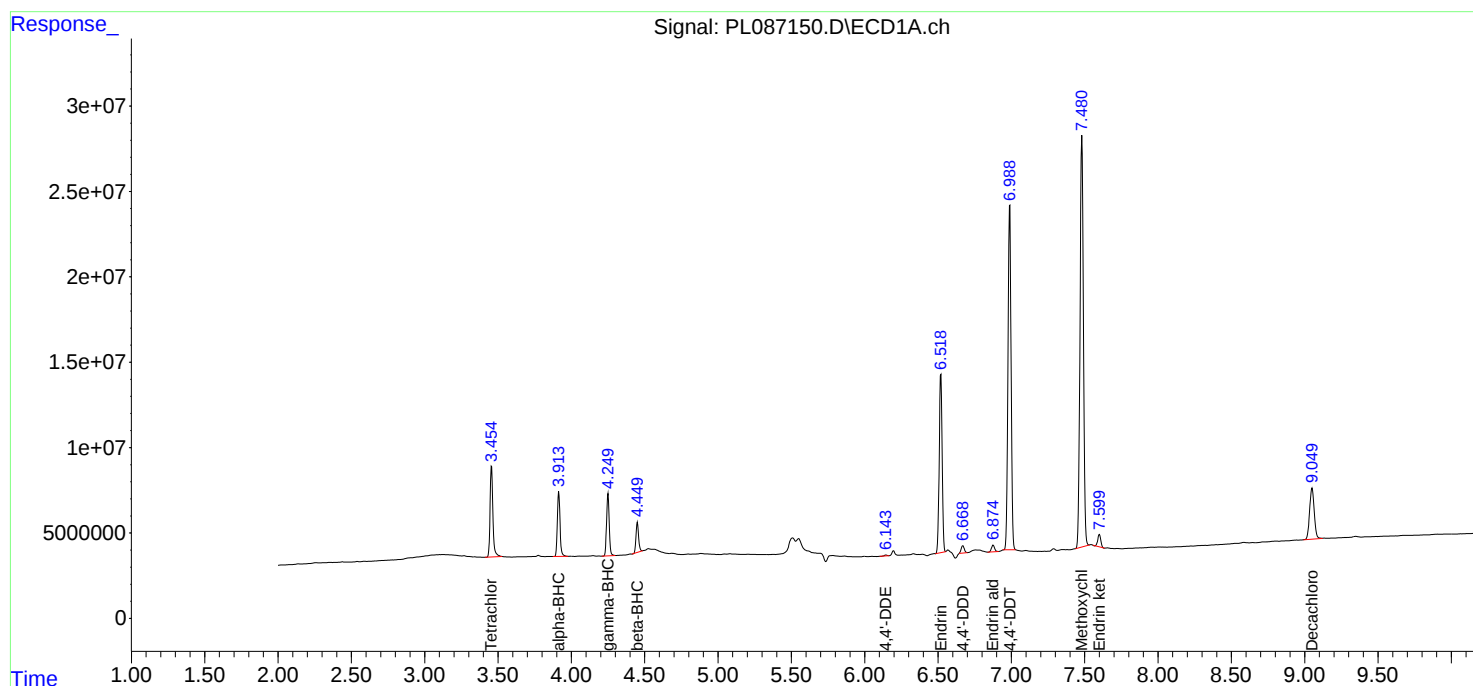
Instrument :
ECD_L
ClientSampleId :
PEM

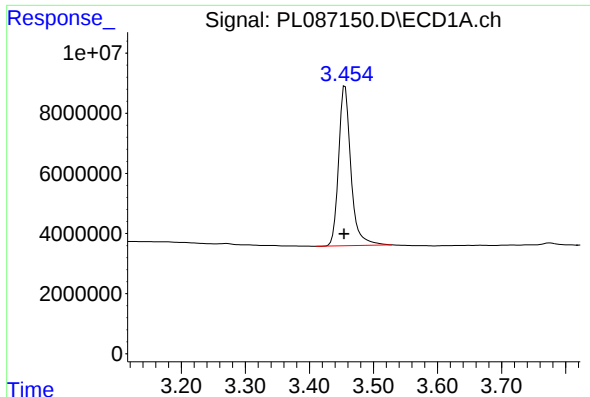
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
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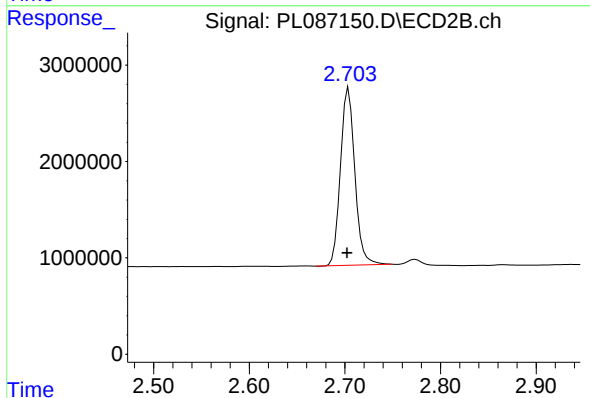
#1 Tetrachloro-m-xylene

R.T.: 3.456 min
Delta R.T.: 0.002 min
Response: 70720555
Conc: 19.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

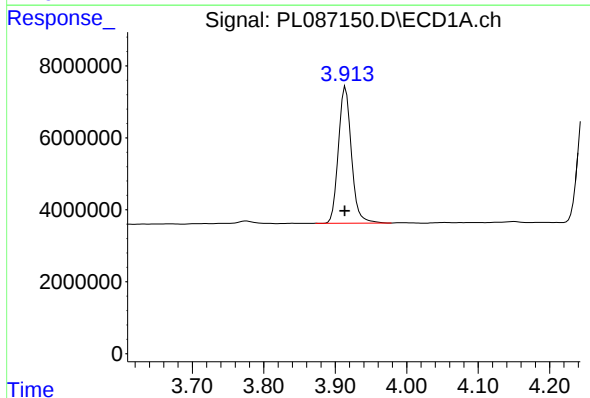
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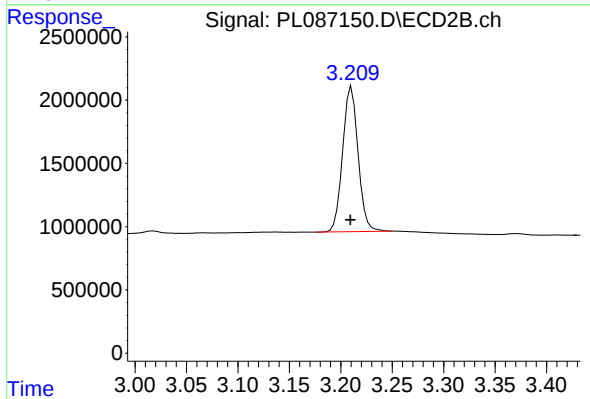
#1 Tetrachloro-m-xylene

R.T.: 2.704 min
Delta R.T.: 0.002 min
Response: 19273756
Conc: 19.51 ng/ml



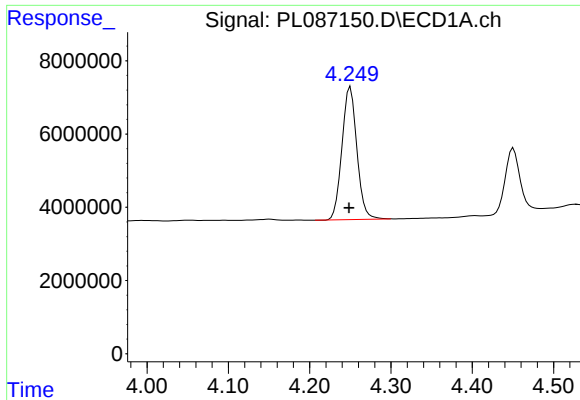
#2 alpha-BHC

R.T.: 3.914 min
Delta R.T.: 0.001 min
Response: 47813798
Conc: 9.10 ng/ml



#2 alpha-BHC

R.T.: 3.211 min
Delta R.T.: 0.001 min
Response: 11967544
Conc: 9.06 ng/ml



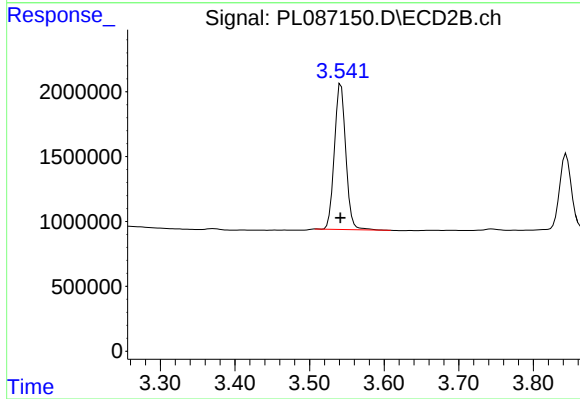
#3 gamma-BHC (Lindane)

R.T.: 4.250 min
Delta R.T.: 0.002 min
Response: 46083981
Conc: 9.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

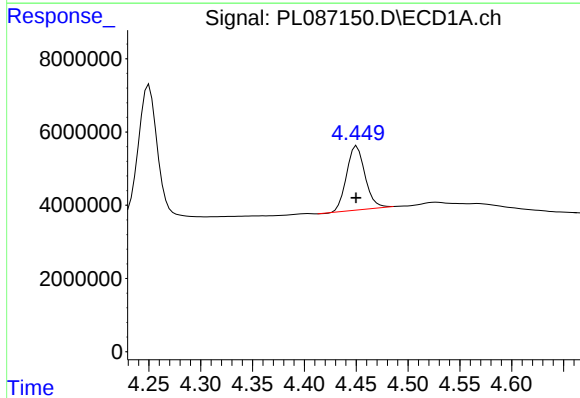
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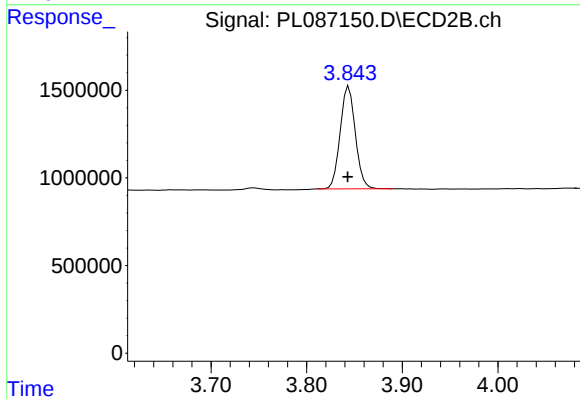
#3 gamma-BHC (Lindane)

R.T.: 3.542 min
Delta R.T.: 0.000 min
Response: 11891378
Conc: 9.08 ng/ml



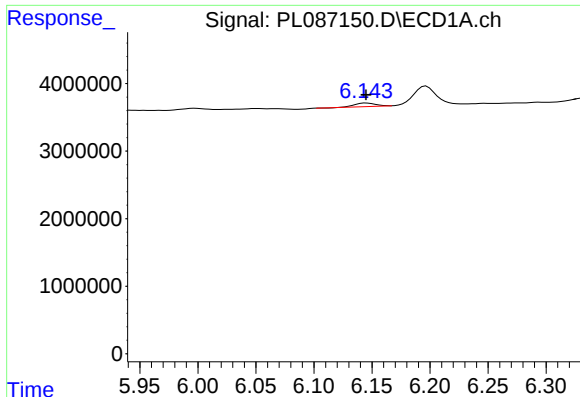
#6 beta-BHC

R.T.: 4.451 min
Delta R.T.: 0.000 min
Response: 21556926
Conc: 10.26 ng/ml



#6 beta-BHC

R.T.: 3.844 min
Delta R.T.: 0.000 min
Response: 6467112
Conc: 10.84 ng/ml



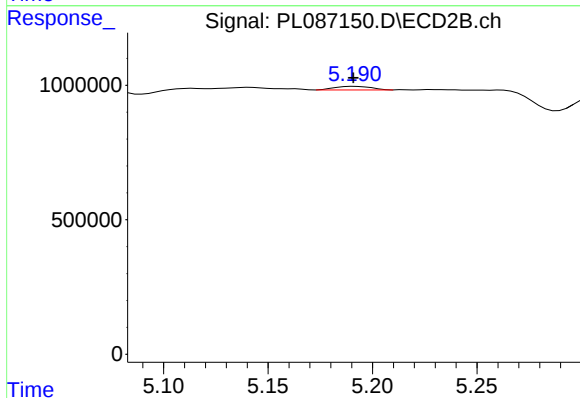
#12 4,4'-DDE

R.T.: 6.145 min
Delta R.T.: 0.000 min
Response: 605292
Conc: 0.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

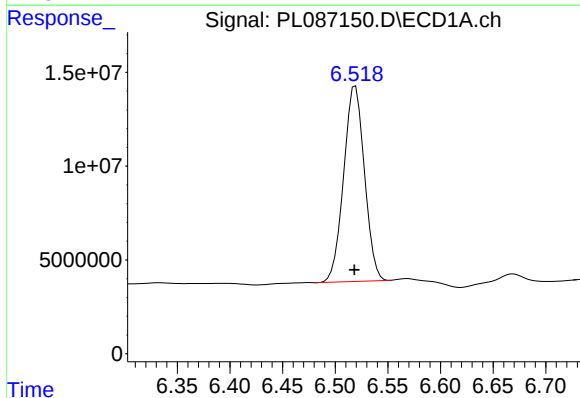
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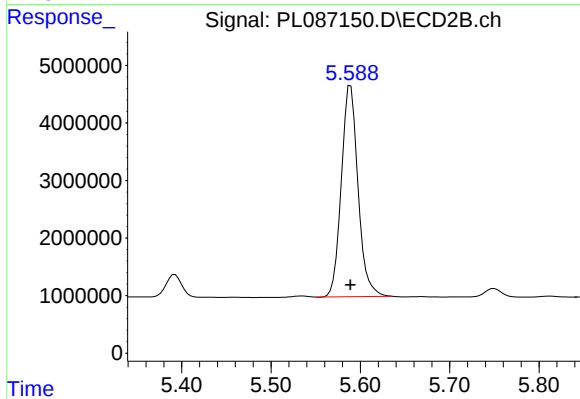
#12 4,4'-DDE

R.T.: 5.190 min
Delta R.T.: 0.000 min
Response: 169983
Conc: 0.16 ng/ml m



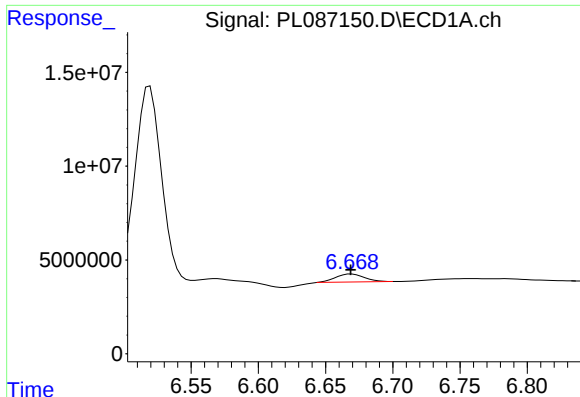
#14 Endrin

R.T.: 6.519 min
Delta R.T.: 0.000 min
Response: 143608551
Conc: 43.11 ng/ml



#14 Endrin

R.T.: 5.589 min
Delta R.T.: 0.000 min
Response: 47600885
Conc: 46.56 ng/ml



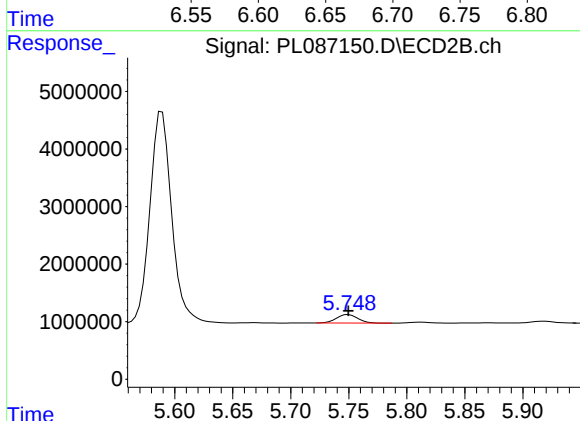
#16 4,4'-DDD

R.T.: 6.668 min
Delta R.T.: 0.000 min
Response: 6445837
Conc: 2.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

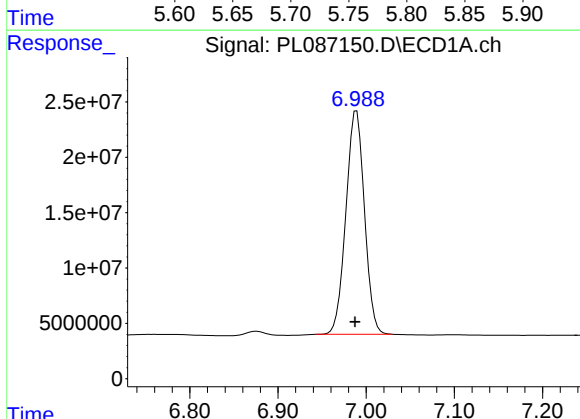
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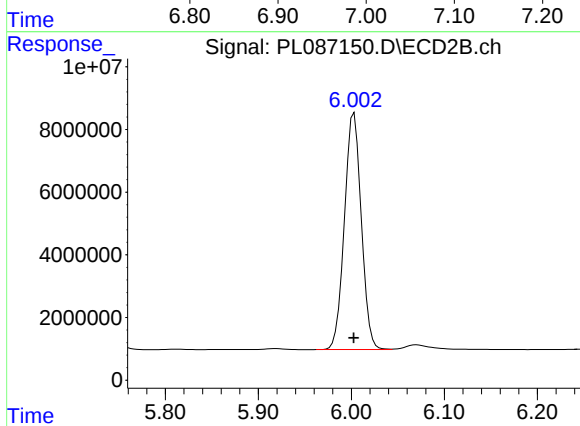
#16 4,4'-DDD

R.T.: 5.750 min
Delta R.T.: 0.000 min
Response: 1907776
Conc: 2.30 ng/ml



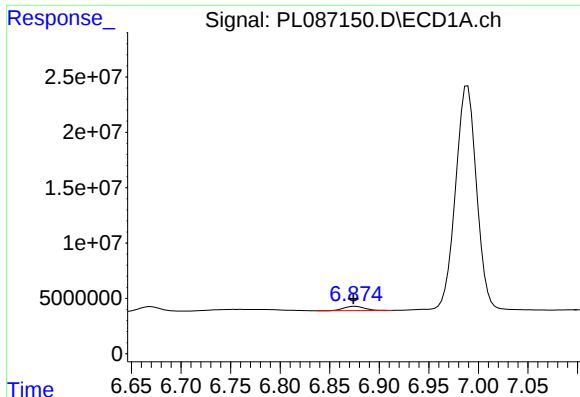
#17 4,4'-DDT

R.T.: 6.988 min
Delta R.T.: 0.000 min
Response: 294745757
Conc: 104.32 ng/ml m



#17 4,4'-DDT

R.T.: 6.003 min
Delta R.T.: 0.000 min
Response: 95189227
Conc: 108.50 ng/ml



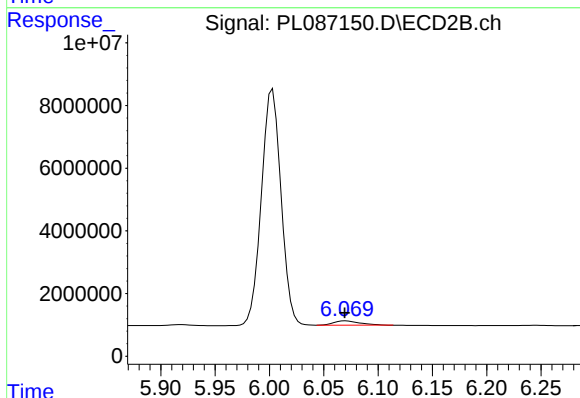
#18 Endrin aldehyde

R.T.: 6.876 min
Delta R.T.: 0.001 min
Response: 5577678
Conc: 2.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

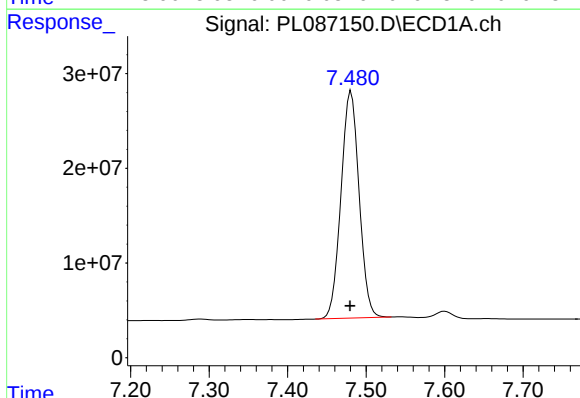
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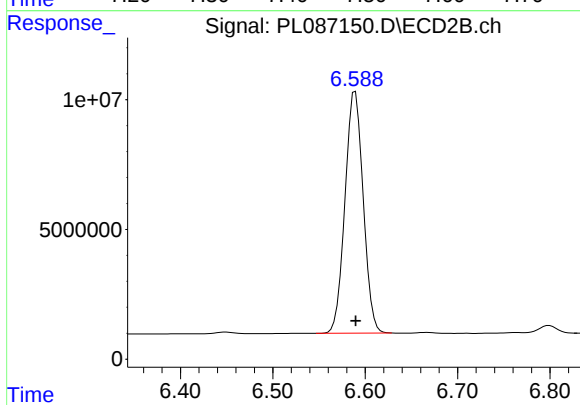
#18 Endrin aldehyde

R.T.: 6.069 min
Delta R.T.: 0.000 min
Response: 2344918
Conc: 2.94 ng/ml m



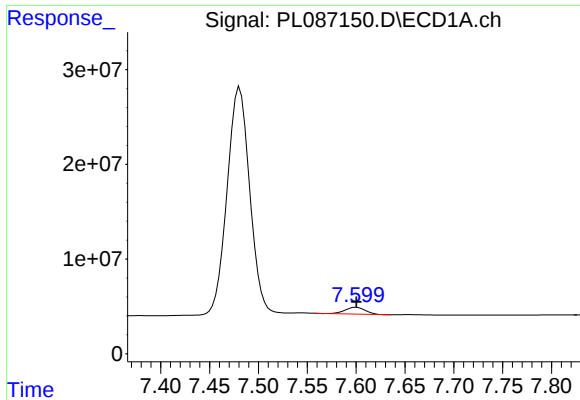
#20 Methoxychlor

R.T.: 7.481 min
Delta R.T.: 0.001 min
Response: 384791913
Conc: 263.12 ng/ml



#20 Methoxychlor

R.T.: 6.589 min
Delta R.T.: 0.000 min
Response: 127623547
Conc: 234.07 ng/ml



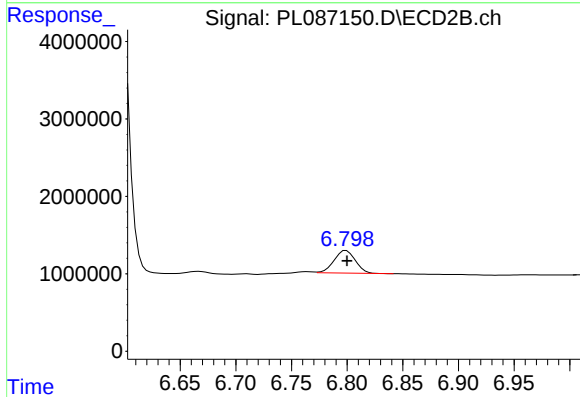
#21 Endrin ketone

R.T.: 7.600 min
Delta R.T.: 0.000 min
Response: 10356345
Conc: 3.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

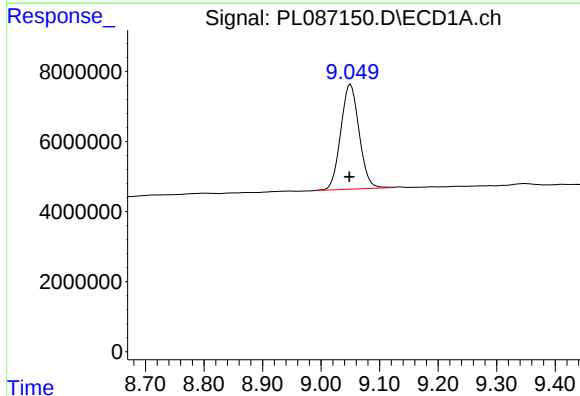
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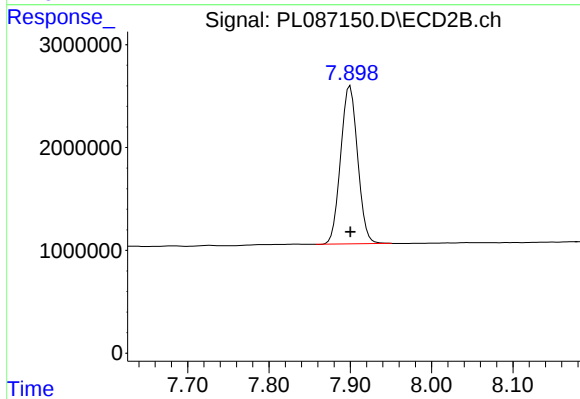
#21 Endrin ketone

R.T.: 6.799 min
Delta R.T.: 0.000 min
Response: 3860831
Conc: 3.59 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.050 min
Delta R.T.: 0.001 min
Response: 65295550
Conc: 21.57 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.900 min
Delta R.T.: 0.000 min
Response: 22263634
Conc: 21.73 ng/ml