

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072423\
 Data File : PL084148.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Jul 2023 08:52
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 07/25/2023
 Supervised By : Ankita Jodhani 07/25/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 24 14:38:51 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL071223.M
 Quant Title : GC Extractables
 QLast Update : Fri Jul 14 00:03:54 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...	3.476	2.688	42305939	20482112	21.154	18.443
28)	SA Decachlor...	9.024	7.870	29830202	22753047	22.917	20.477
Target Compounds							
2)	A alpha-BHC	3.934	3.193	28941664	13544503	9.878	8.424
3)	MA gamma-BHC...	4.268	3.523	27824802	12655597	9.848	8.322
6)	B beta-BHC	4.467	3.825	13793927	6577177	11.496	9.965
12)	B 4,4'-DDE	6.148	5.165	630680	292988	0.313m	0.239m
14)	MA Endrin	6.523	5.564	84887557	49323638	44.574m	44.871
16)	A 4,4'-DDD	6.665	5.724	4607101	2515342	3.137m	2.622
17)	MA 4,4'-DDT	6.983	5.977	153.1E6	99625741	96.022	109.383
18)	B Endrin al...	6.875	6.042	2929638	1855681	2.000m	2.064m
20)	A Methoxychlor	7.463	6.561	183.5E6	119.2E6	234.547m	248.825
21)	B Endrin ke...	7.593	6.772	5344719	4219347	3.050m	3.266

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

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Acq On : 24 Jul 2023 08:52
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

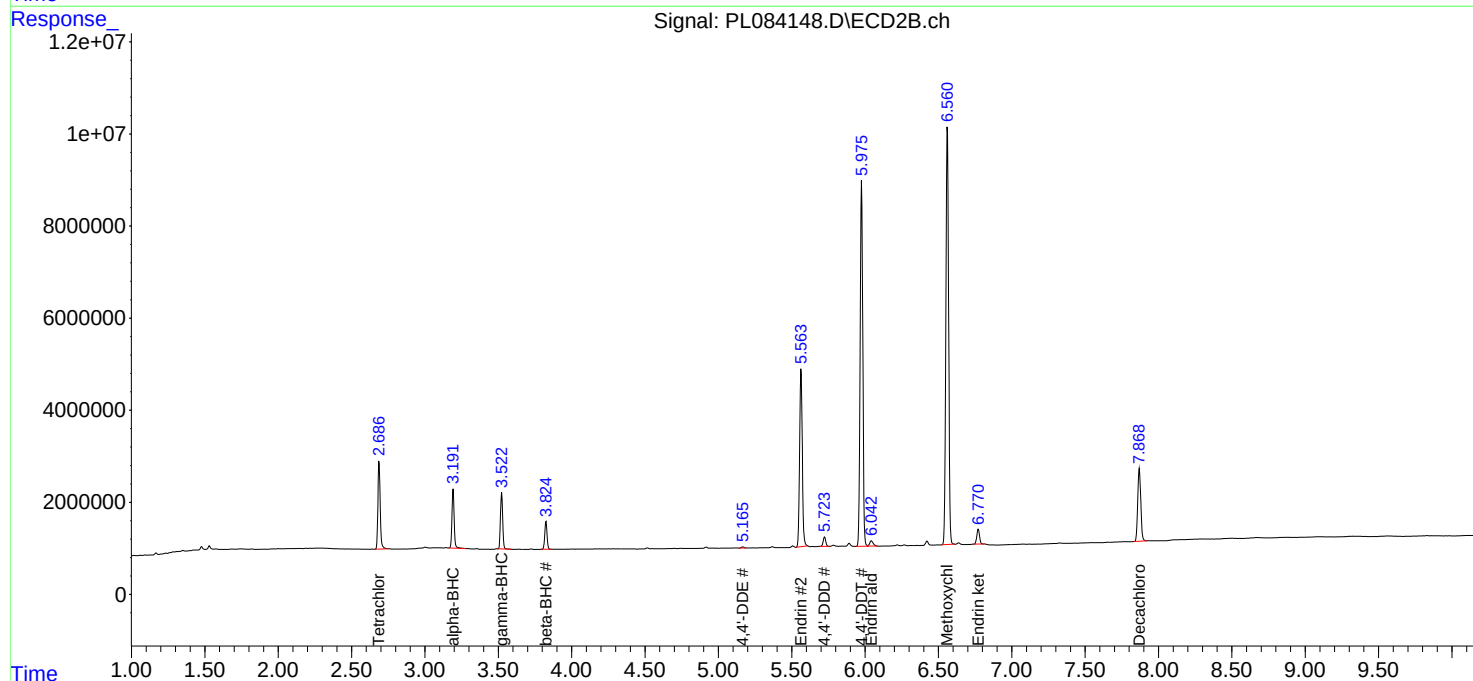
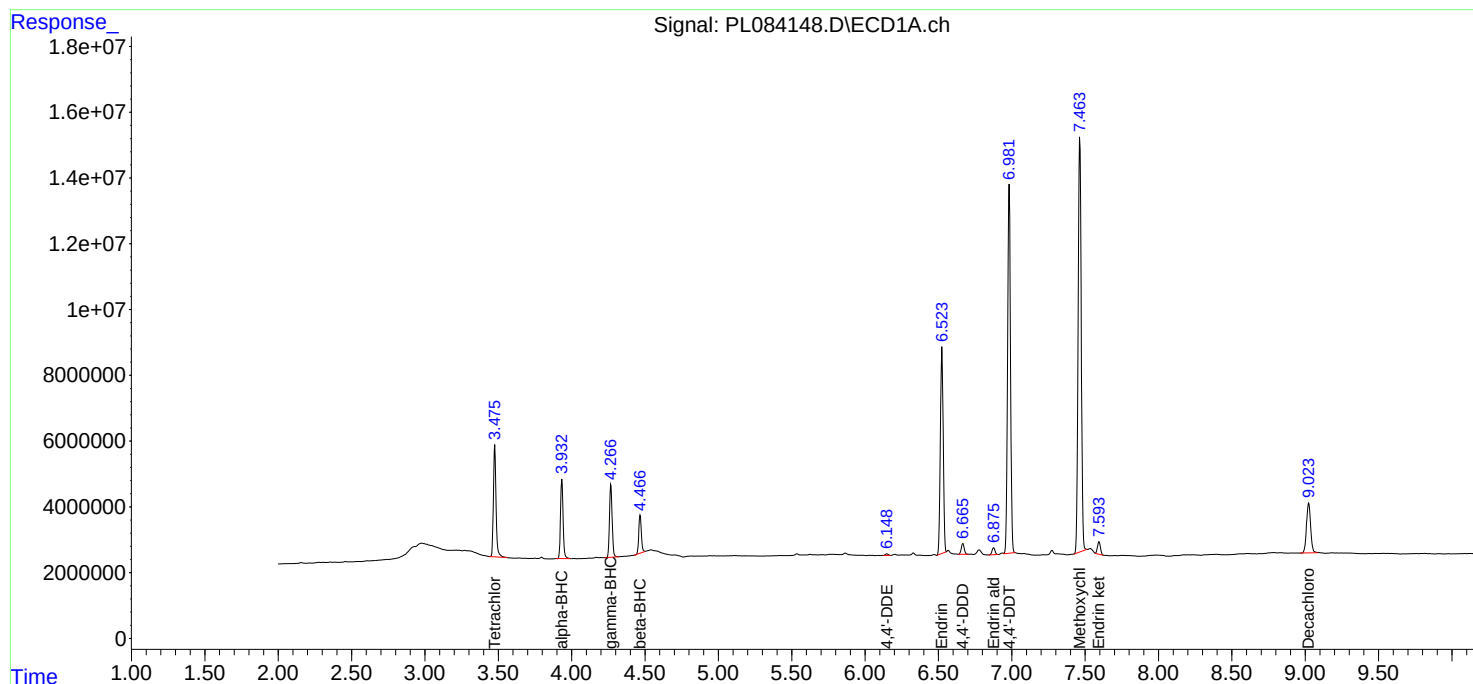
Instrument :
ECD_L
ClientSampleId :
PEM

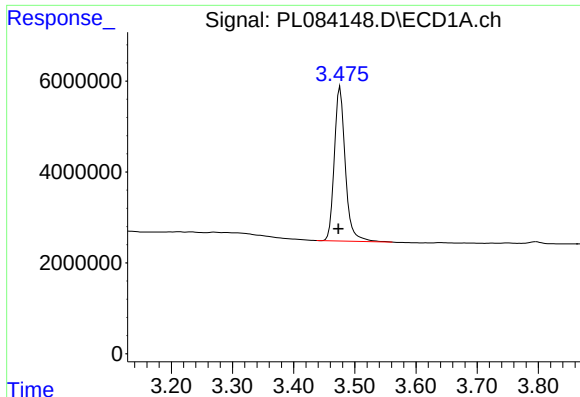
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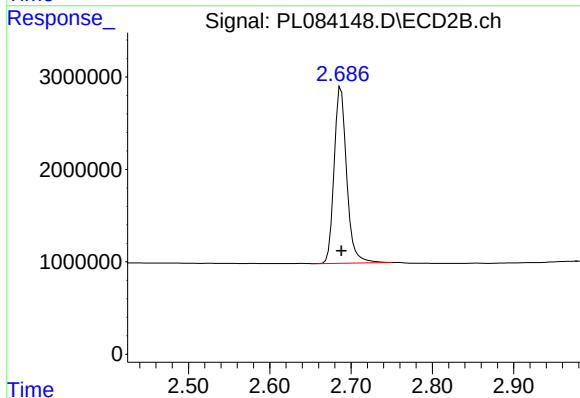
#1 Tetrachloro-m-xylene

R.T.: 3.476 min
Delta R.T.: 0.003 min
Response: 42305939
Conc: 21.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

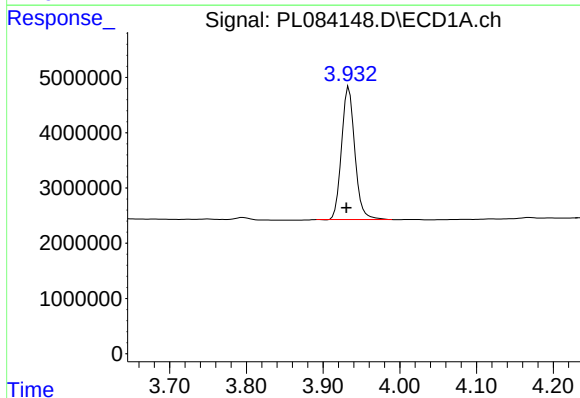
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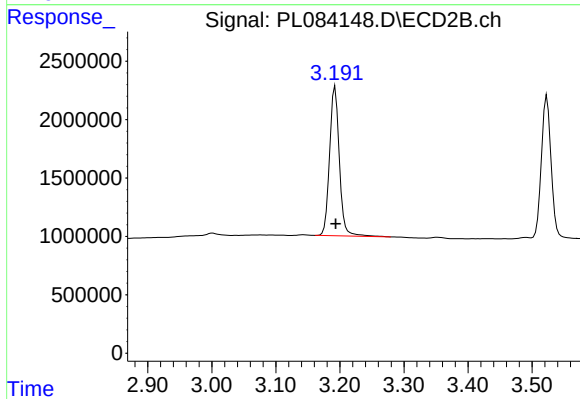
#1 Tetrachloro-m-xylene

R.T.: 2.688 min
Delta R.T.: 0.000 min
Response: 20482112
Conc: 18.44 ng/ml



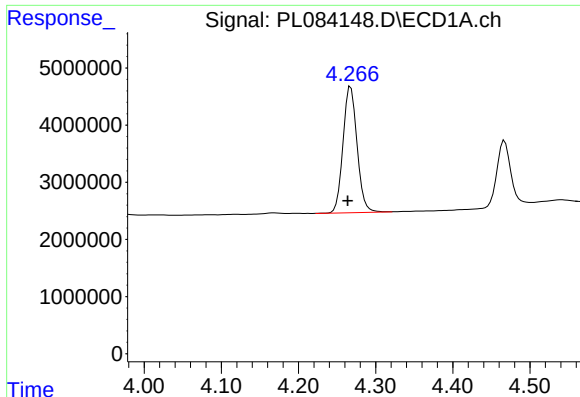
#2 alpha-BHC

R.T.: 3.934 min
Delta R.T.: 0.003 min
Response: 28941664
Conc: 9.88 ng/ml



#2 alpha-BHC

R.T.: 3.193 min
Delta R.T.: 0.000 min
Response: 13544503
Conc: 8.42 ng/ml



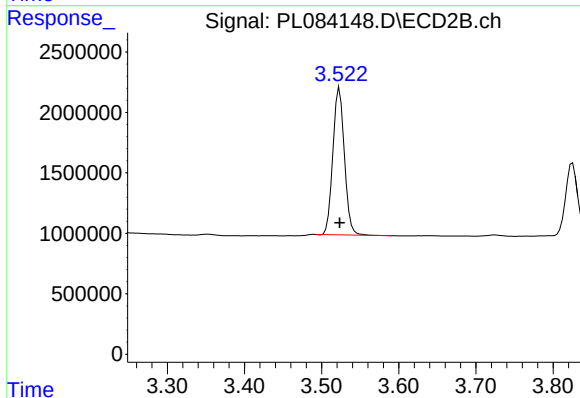
#3 gamma-BHC (Lindane)

R.T.: 4.268 min
Delta R.T.: 0.004 min
Response: 27824802
Conc: 9.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

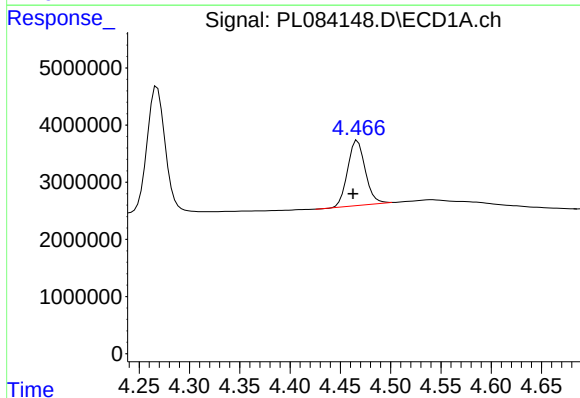
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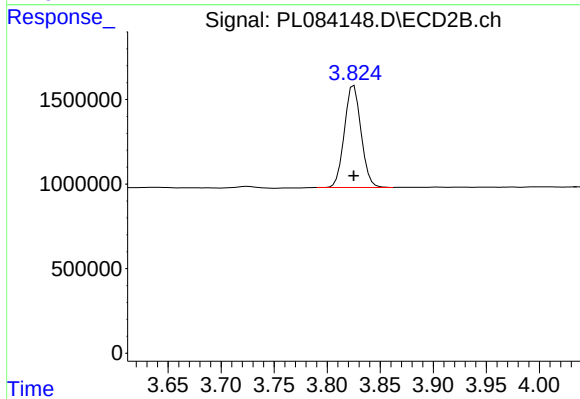
#3 gamma-BHC (Lindane)

R.T.: 3.523 min
Delta R.T.: 0.000 min
Response: 12655597
Conc: 8.32 ng/ml



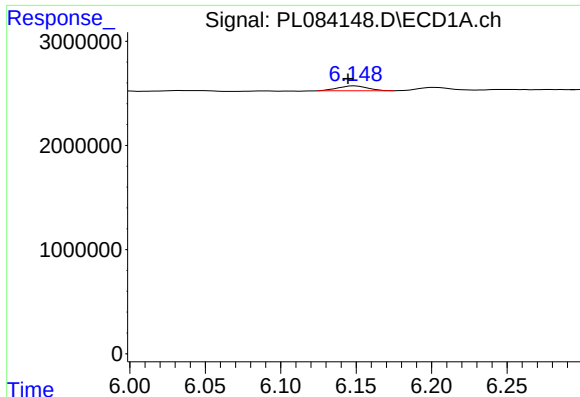
#6 beta-BHC

R.T.: 4.467 min
Delta R.T.: 0.004 min
Response: 13793927
Conc: 11.50 ng/ml



#6 beta-BHC

R.T.: 3.825 min
Delta R.T.: 0.000 min
Response: 6577177
Conc: 9.96 ng/ml



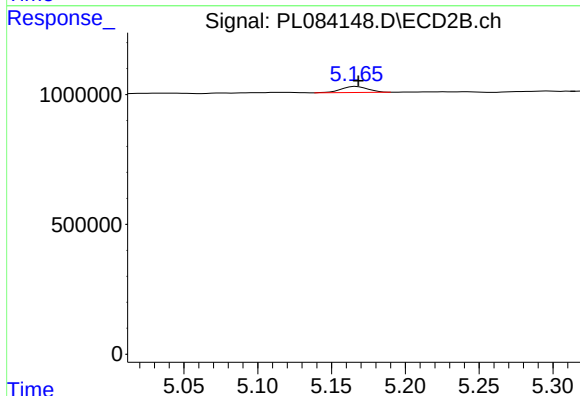
#12 4,4'-DDE

R.T.: 6.148 min
Delta R.T.: 0.003 min
Response: 630680
Conc: 0.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

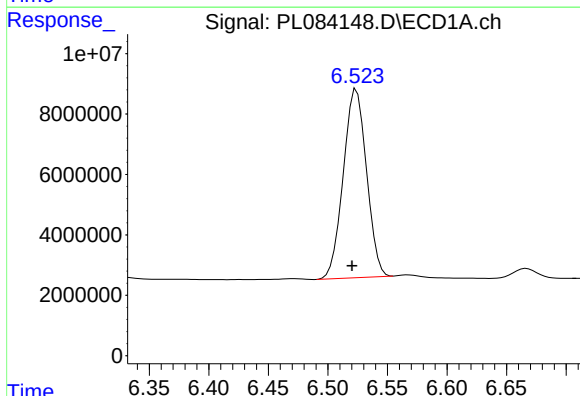
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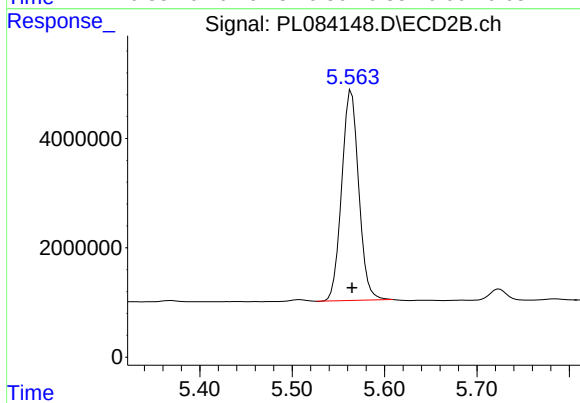
#12 4,4'-DDE

R.T.: 5.165 min
Delta R.T.: -0.003 min
Response: 292988
Conc: 0.24 ng/ml m



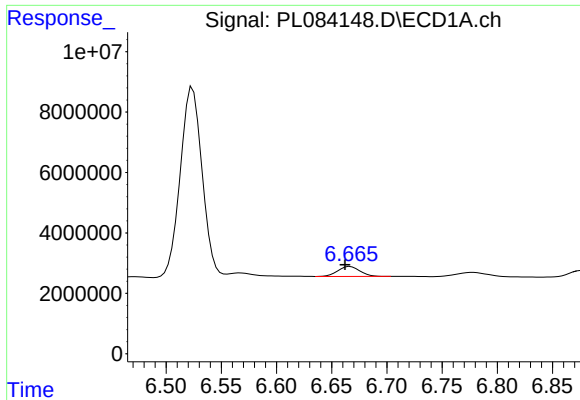
#14 Endrin

R.T.: 6.523 min
Delta R.T.: 0.002 min
Response: 84887557
Conc: 44.57 ng/ml m



#14 Endrin

R.T.: 5.564 min
Delta R.T.: 0.000 min
Response: 49323638
Conc: 44.87 ng/ml



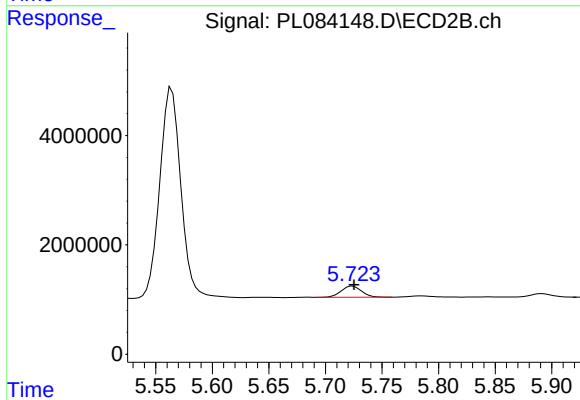
#16 4,4'-DDD

R.T.: 6.665 min
Delta R.T.: 0.003 min
Response: 4607101
Conc: 3.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

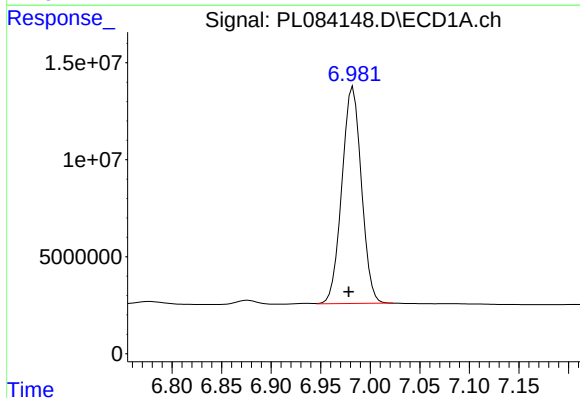
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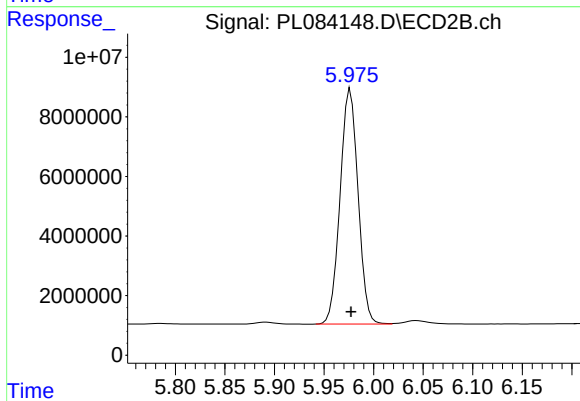
#16 4,4'-DDD

R.T.: 5.724 min
Delta R.T.: -0.001 min
Response: 2515342
Conc: 2.62 ng/ml



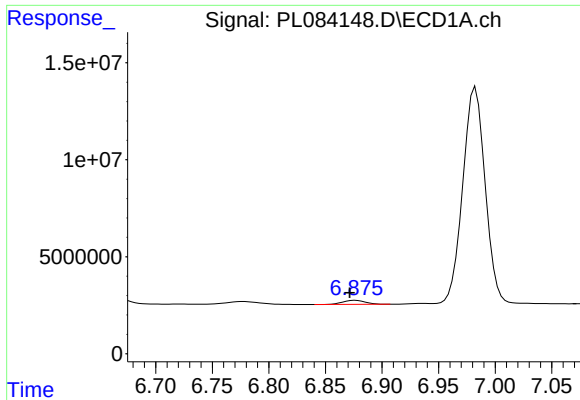
#17 4,4'-DDT

R.T.: 6.983 min
Delta R.T.: 0.004 min
Response: 153135671
Conc: 96.02 ng/ml



#17 4,4'-DDT

R.T.: 5.977 min
Delta R.T.: 0.000 min
Response: 99625741
Conc: 109.38 ng/ml



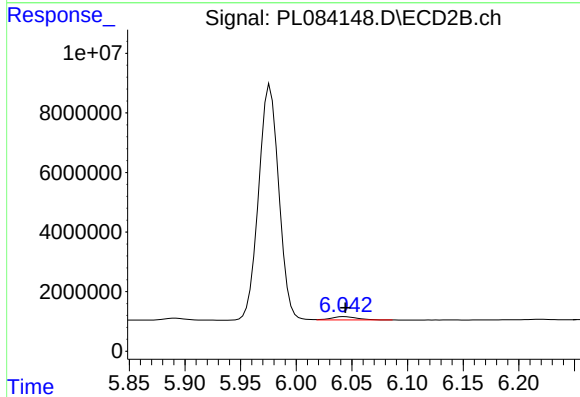
#18 Endrin aldehyde

R.T.: 6.875 min
Delta R.T.: 0.004 min
Response: 2929638
Conc: 2.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

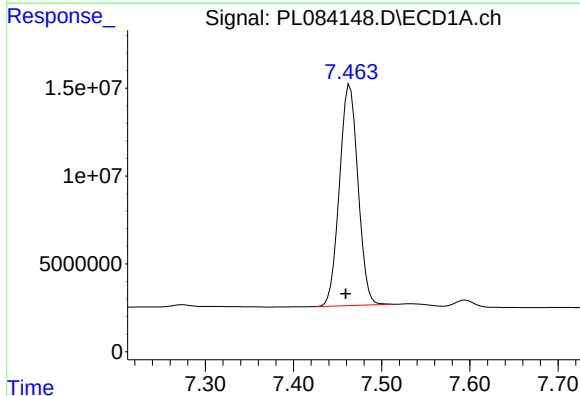
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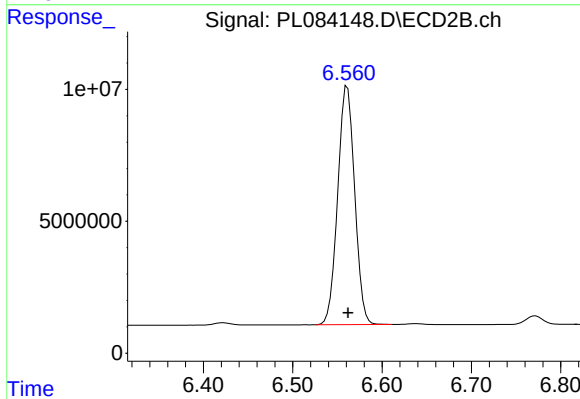
#18 Endrin aldehyde

R.T.: 6.042 min
Delta R.T.: -0.002 min
Response: 1855681
Conc: 2.06 ng/ml m



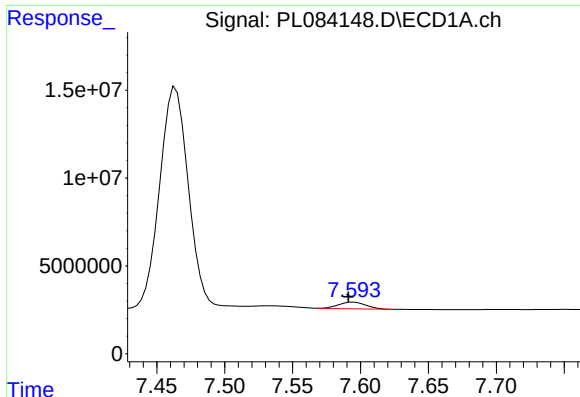
#20 Methoxychlor

R.T.: 7.463 min
Delta R.T.: 0.003 min
Response: 183467502
Conc: 234.55 ng/ml m



#20 Methoxychlor

R.T.: 6.561 min
Delta R.T.: 0.000 min
Response: 119247213
Conc: 248.82 ng/ml



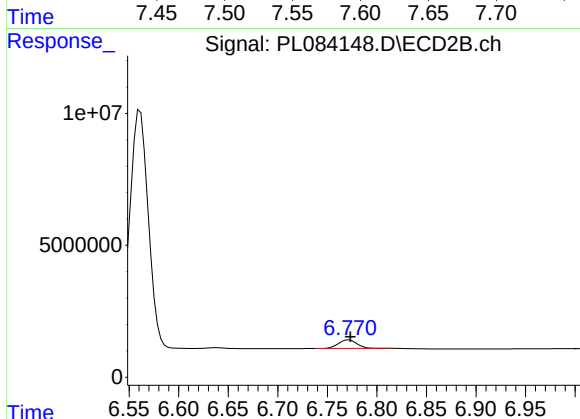
#21 Endrin ketone

R.T.: 7.593 min
Delta R.T.: 0.002 min
Response: 5344719
Conc: 3.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

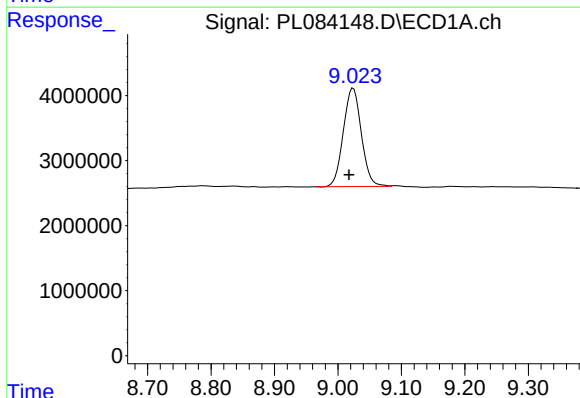
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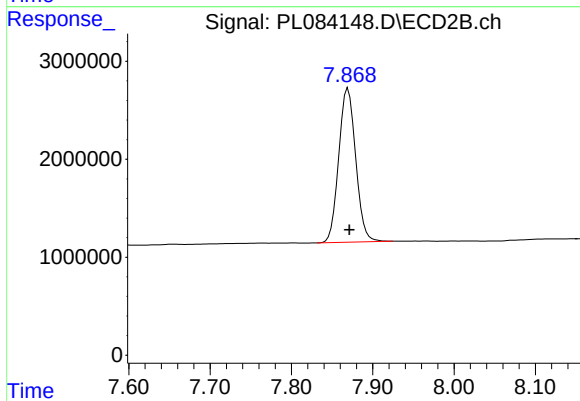
#21 Endrin ketone

R.T.: 6.772 min
Delta R.T.: -0.002 min
Response: 4219347
Conc: 3.27 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.024 min
Delta R.T.: 0.007 min
Response: 29830202
Conc: 22.92 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.870 min
Delta R.T.: -0.002 min
Response: 22753047
Conc: 20.48 ng/ml