

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL121625\
 Data File : PL097869.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Dec 2025 09:53
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 12/17/2025
 Supervised By : Yogesh Patel 12/17/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 17 00:46:52 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL120925.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 09 14:16:16 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.498	2.800	110.2E6	156.1E6	21.842	22.352
28)	SA Decachlor...	8.955	7.947	82148686	137.7E6	21.621m	20.934
Target Compounds							
2)	A alpha-BHC	3.944	3.302	84487193	114.3E6	9.991	9.960
3)	MA gamma-BHC...	4.272	3.632	80990251	109.2E6	10.103	10.153
6)	B beta-BHC	4.461	3.929	35071676	49116313	10.475	10.594
12)	B 4,4'-DDE	6.124	5.263	1495413	1584167	0.255m	0.180m#
14)	MA Endrin	6.499	5.668	254.5E6	418.5E6	49.138	50.075
16)	A 4,4'-DDD	6.633	5.816	22637836	36824522	4.887	4.909
17)	MA 4,4'-DDT	6.947	6.068	443.1E6	726.9E6	92.493	94.767
18)	B Endrin al...	6.839	6.140	3334572	8073823	0.846m	1.264 #
20)	A Methoxychlor	7.420	6.640	536.5E6	822.2E6	213.147	196.756
21)	B Endrin ke...	7.552	6.864	12447557	29932850	2.395m	3.355 #

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL121625\
Data File : PL097869.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Dec 2025 09:53
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

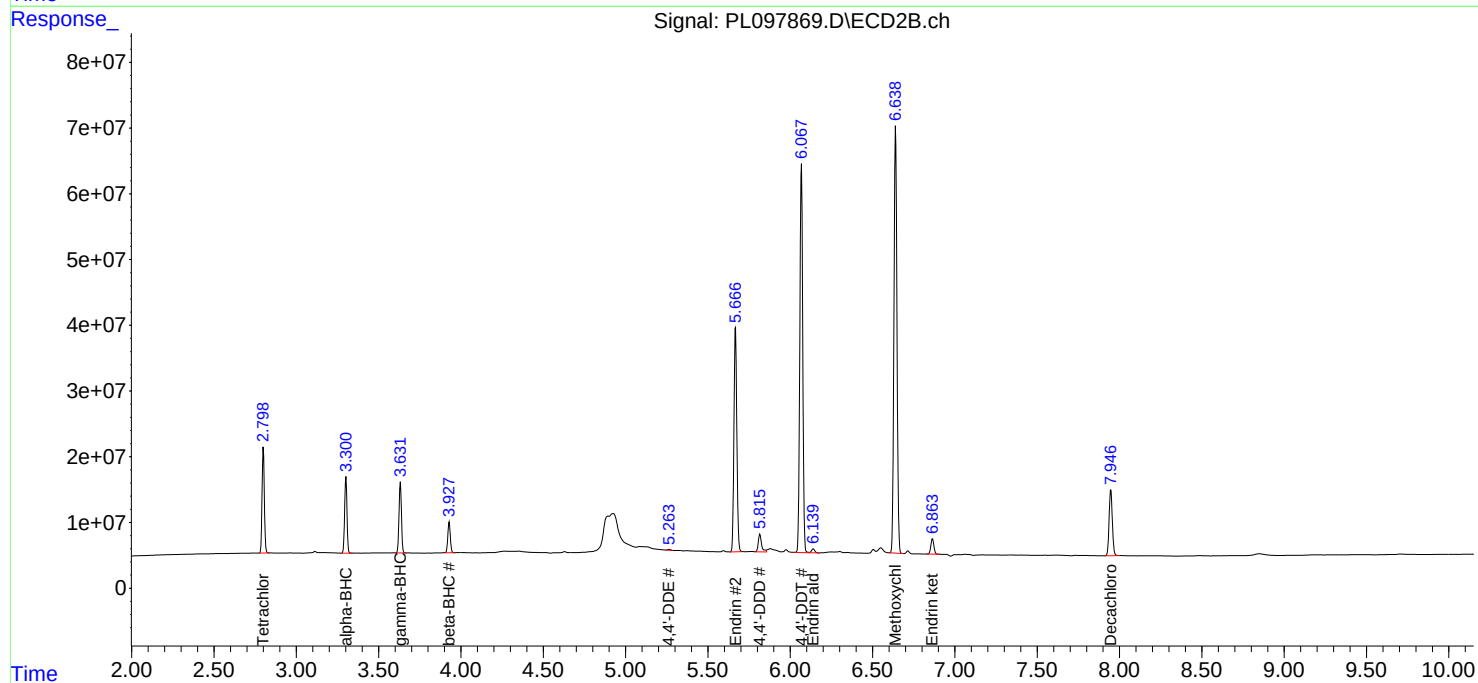
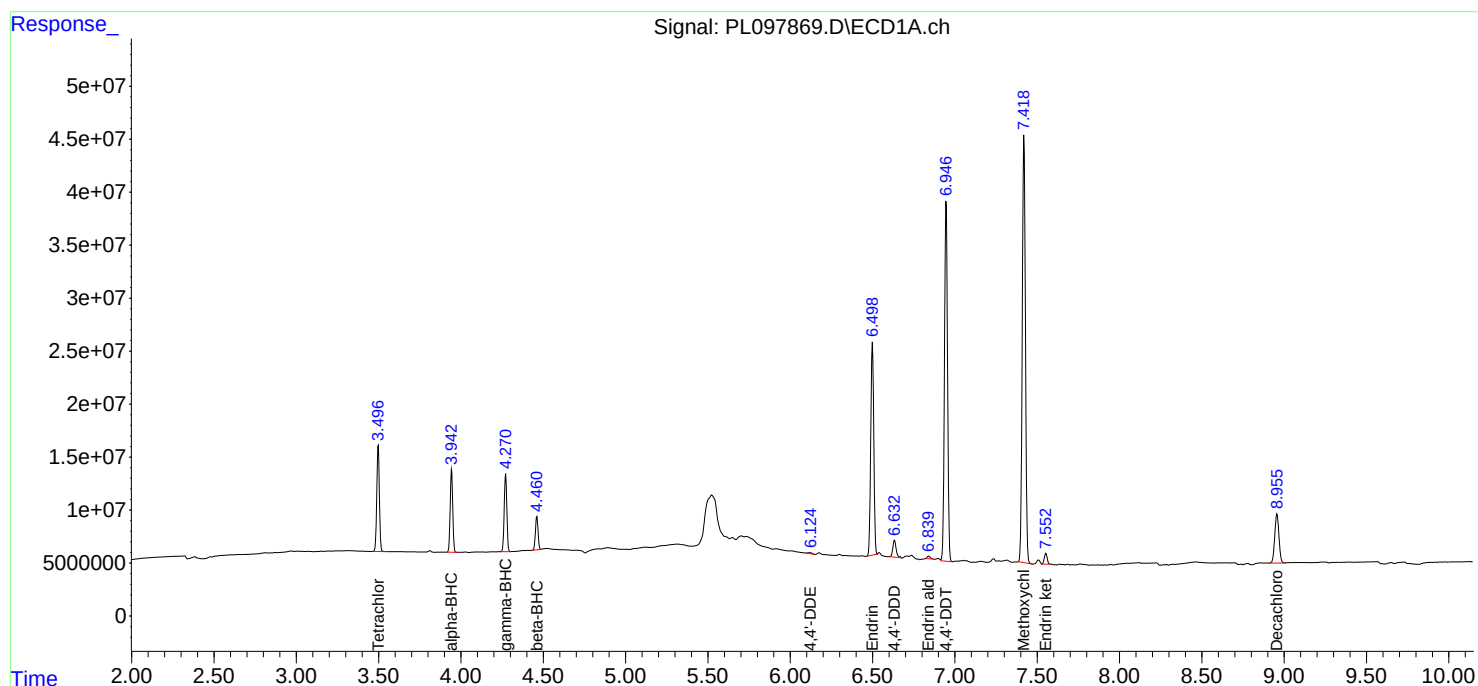
Instrument :
ECD_L
ClientSampleId :
PEM

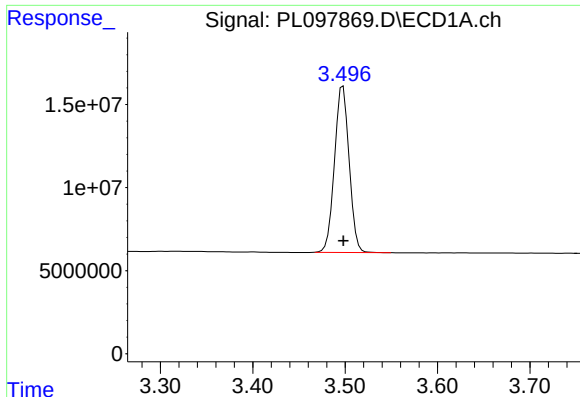
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Integration File signal 1: autoint1.e
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Quant Time: Dec 17 00:46:52 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL120925.M
Quant Title : GC Extractables
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Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm





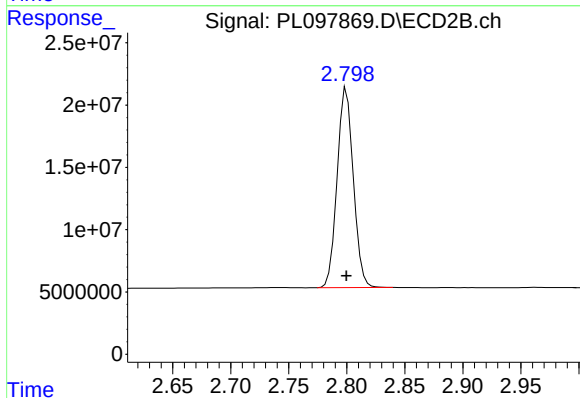
#1 Tetrachloro-m-xylene

R.T.: 3.498 min
Delta R.T.: 0.000 min
Response: 110234564
Conc: 21.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

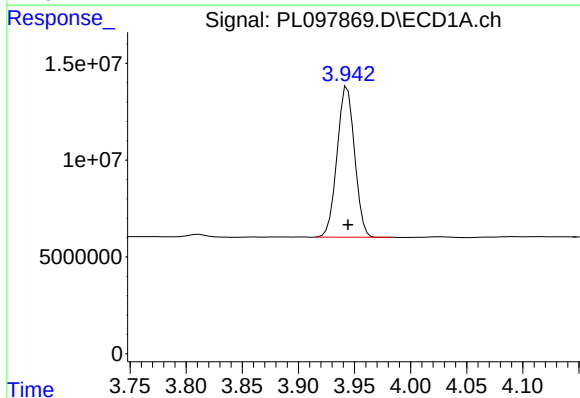
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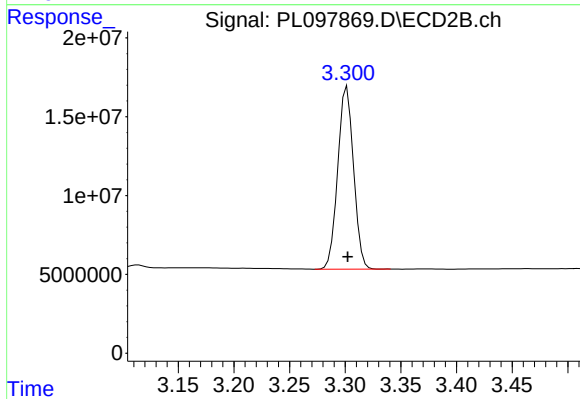
#1 Tetrachloro-m-xylene

R.T.: 2.800 min
Delta R.T.: 0.000 min
Response: 156135422
Conc: 22.35 ng/ml



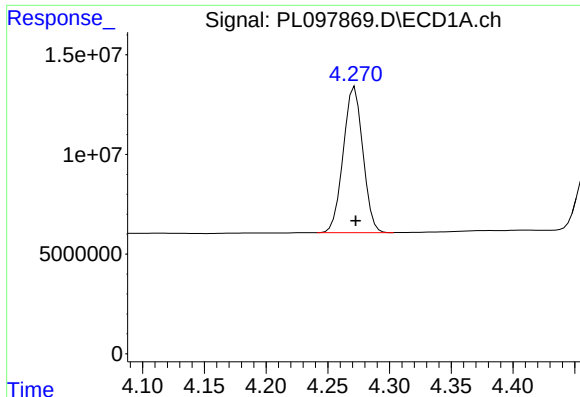
#2 alpha-BHC

R.T.: 3.944 min
Delta R.T.: 0.000 min
Response: 84487193
Conc: 9.99 ng/ml



#2 alpha-BHC

R.T.: 3.302 min
Delta R.T.: 0.000 min
Response: 114280735
Conc: 9.96 ng/ml



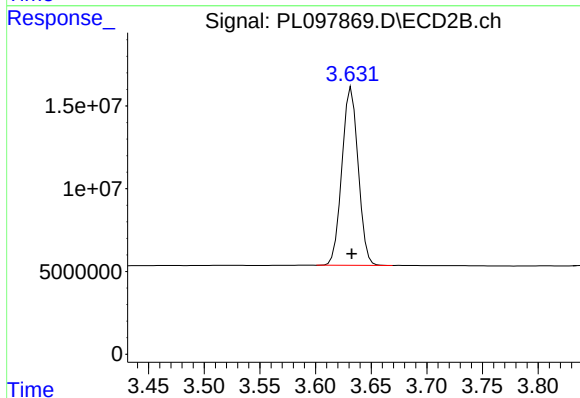
#3 gamma-BHC (Lindane)

R.T.: 4.272 min
Delta R.T.: 0.000 min
Response: 80990251
Conc: 10.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

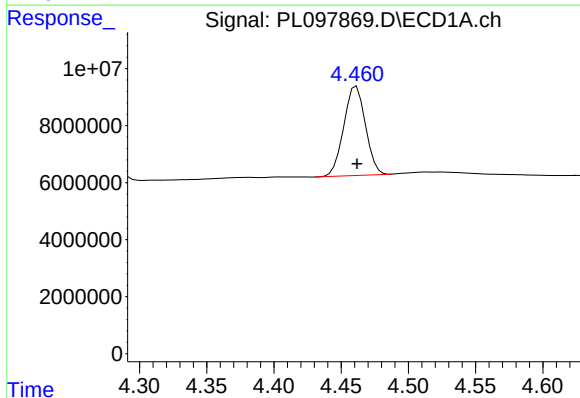
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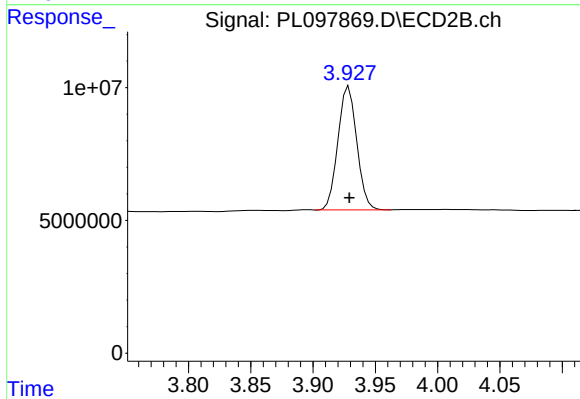
#3 gamma-BHC (Lindane)

R.T.: 3.632 min
Delta R.T.: 0.000 min
Response: 109204891
Conc: 10.15 ng/ml



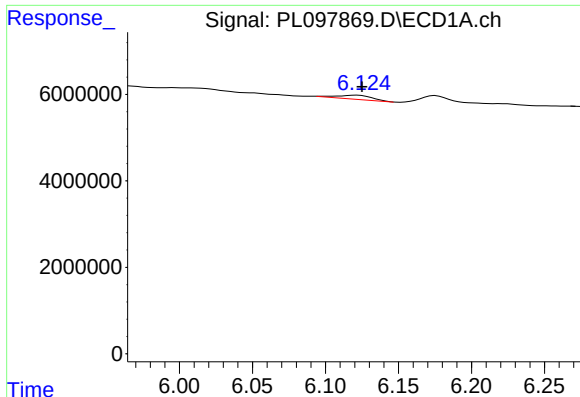
#6 beta-BHC

R.T.: 4.461 min
Delta R.T.: 0.000 min
Response: 35071676
Conc: 10.47 ng/ml



#6 beta-BHC

R.T.: 3.929 min
Delta R.T.: 0.000 min
Response: 49116313
Conc: 10.59 ng/ml



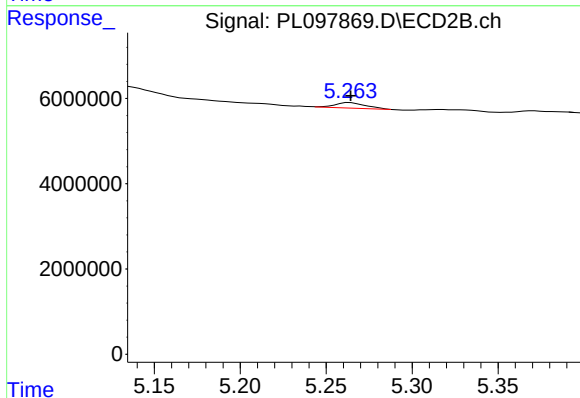
#12 4,4'-DDE

R.T.: 6.124 min
Delta R.T.: 0.000 min
Response: 1495413
Conc: 0.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

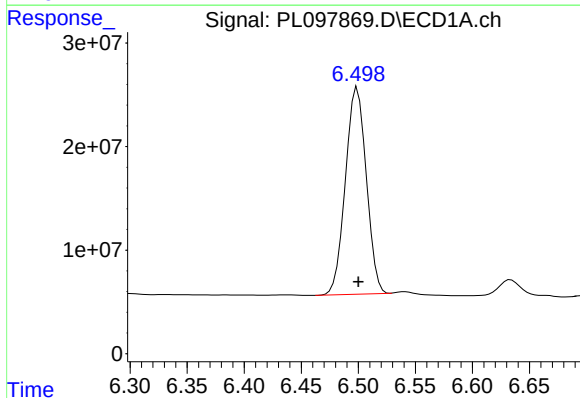
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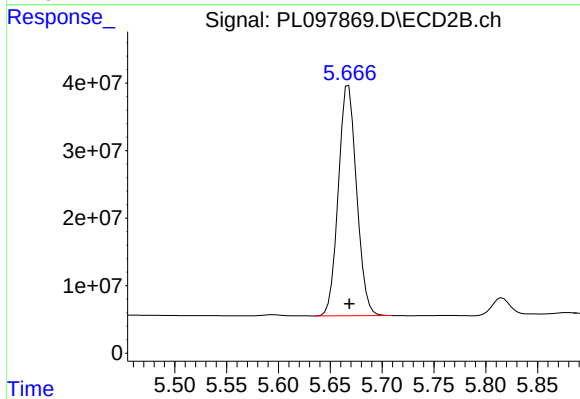
#12 4,4'-DDE

R.T.: 5.263 min
Delta R.T.: -0.002 min
Response: 1584167
Conc: 0.18 ng/ml m



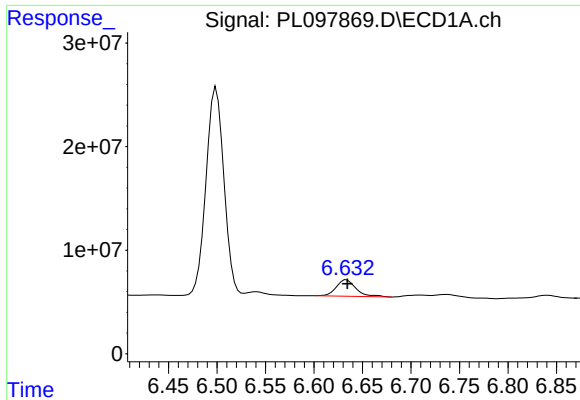
#14 Endrin

R.T.: 6.499 min
Delta R.T.: 0.000 min
Response: 254509240
Conc: 49.14 ng/ml



#14 Endrin

R.T.: 5.668 min
Delta R.T.: 0.000 min
Response: 418471412
Conc: 50.07 ng/ml



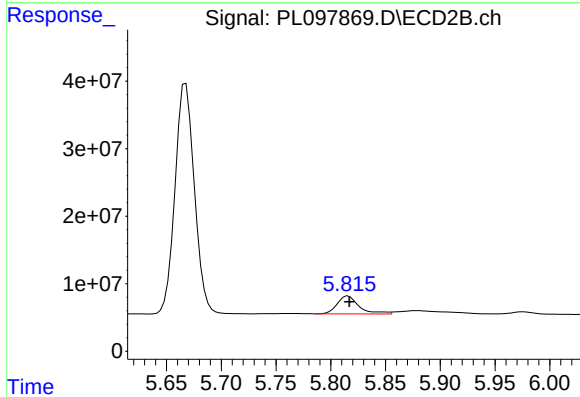
#16 4,4'-DDD

R.T.: 6.633 min
Delta R.T.: -0.001 min
Response: 22637836
Conc: 4.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

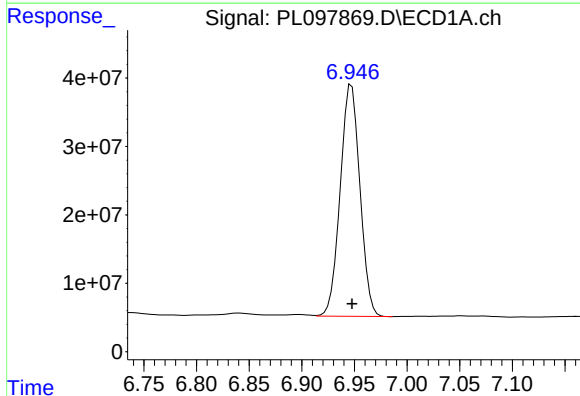
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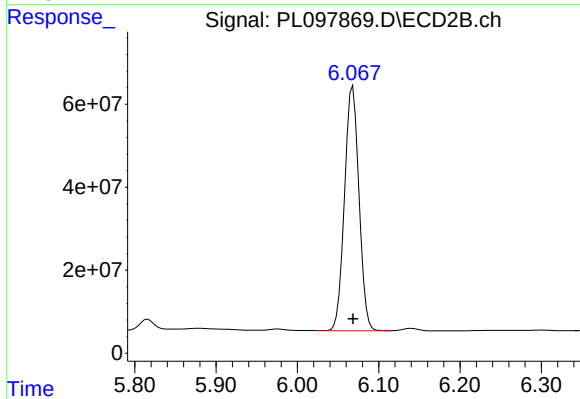
#16 4,4'-DDD

R.T.: 5.816 min
Delta R.T.: 0.000 min
Response: 36824522
Conc: 4.91 ng/ml



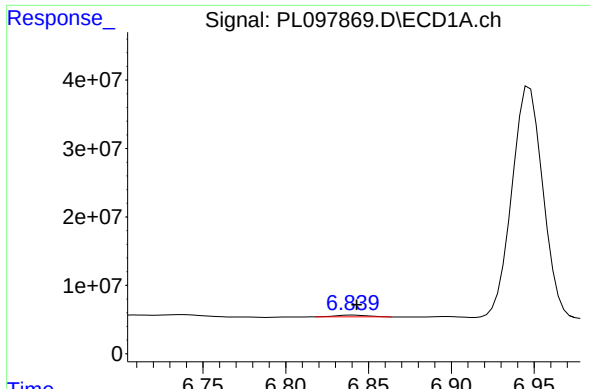
#17 4,4'-DDT

R.T.: 6.947 min
Delta R.T.: 0.000 min
Response: 443071594
Conc: 92.49 ng/ml



#17 4,4'-DDT

R.T.: 6.068 min
Delta R.T.: 0.000 min
Response: 726927329
Conc: 94.77 ng/ml



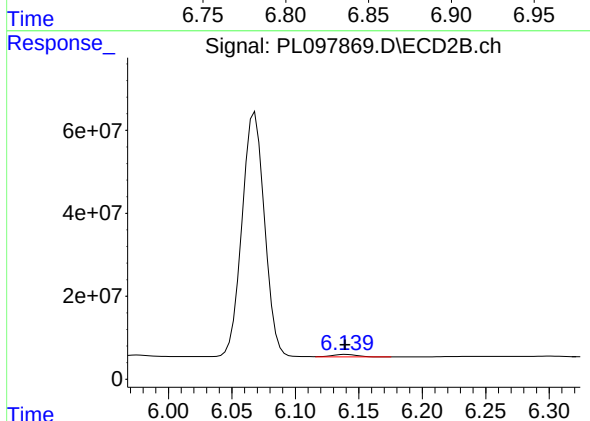
#18 Endrin aldehyde

R.T.: 6.839 min
Delta R.T.: -0.004 min
Response: 3334572
Conc: 0.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

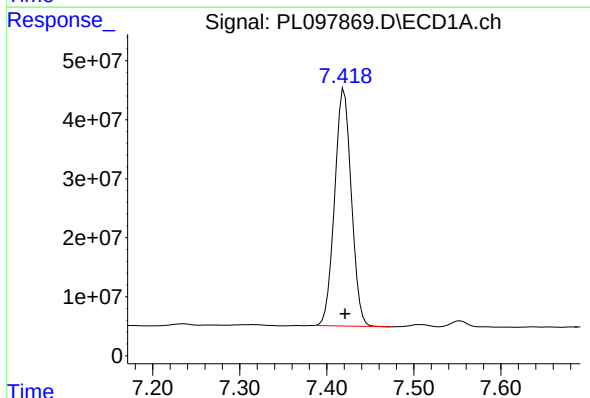
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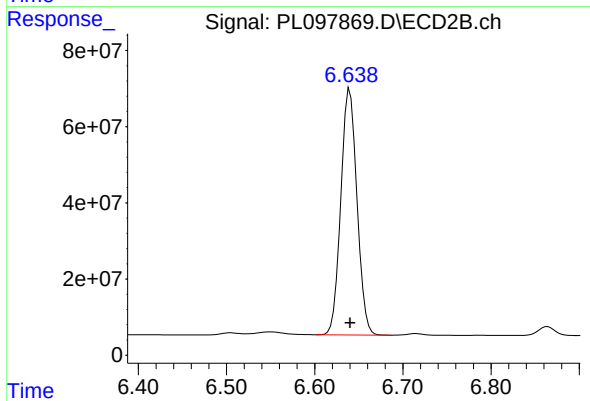
#18 Endrin aldehyde

R.T.: 6.140 min
Delta R.T.: 0.001 min
Response: 8073823
Conc: 1.26 ng/ml



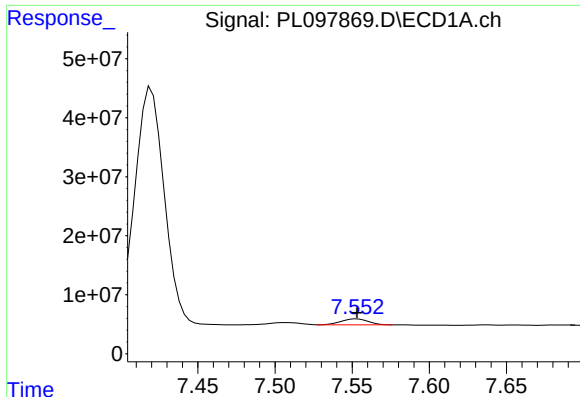
#20 Methoxychlor

R.T.: 7.420 min
Delta R.T.: 0.000 min
Response: 536465586
Conc: 213.15 ng/ml



#20 Methoxychlor

R.T.: 6.640 min
Delta R.T.: 0.000 min
Response: 822237516
Conc: 196.76 ng/ml



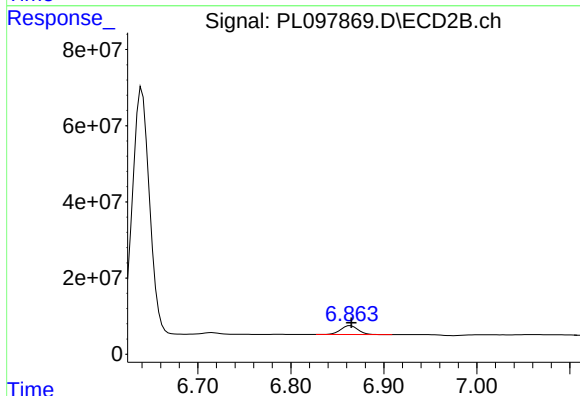
#21 Endrin ketone

R.T.: 7.552 min
Delta R.T.: -0.002 min
Response: 12447557
Conc: 2.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

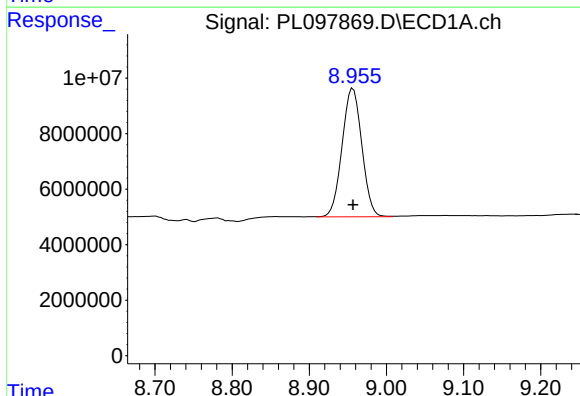
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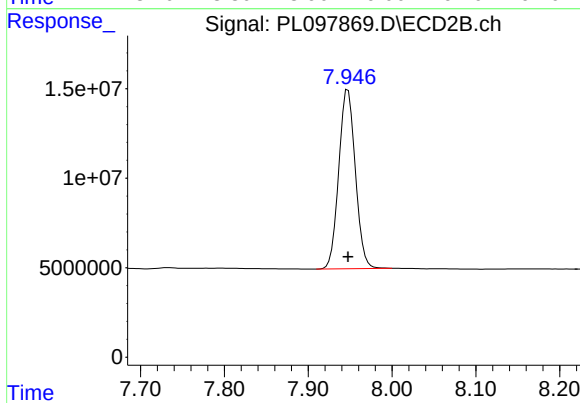
#21 Endrin ketone

R.T.: 6.864 min
Delta R.T.: 0.000 min
Response: 29932850
Conc: 3.36 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.955 min
Delta R.T.: -0.002 min
Response: 82148686
Conc: 21.62 ng/ml m



#28 Decachlorobiphenyl

R.T.: 7.947 min
Delta R.T.: 0.000 min
Response: 137665730
Conc: 20.93 ng/ml