

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL121521\
 Data File : PL071447.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Dec 2021 09:15
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 12/16/2021
 Supervised By : Ankita Jodhani 12/16/2021

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 16 00:30:31 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL121421.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 14 14:29:34 2021
 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...	4.562	5.499	9692525	24797524	20.448	20.815
28)	SA Decachlor...	10.319	11.385	14632215	23515980	22.023	21.644
Target Compounds							
2)	A alpha-BHC	5.268	6.079	5742895	16591663	9.030	9.648
3)	MA gamma-BHC...	5.690	6.474	5828831	15245411	8.920	9.552
6)	B beta-BHC	6.073	6.733	3527712	9247940	12.354	11.553
12)	B 4,4'-DDE	7.559	8.496	187315	387101	0.343	0.325
14)	MA Endrin	7.976	8.889	27660538	51992573	50.501	51.320
16)	A 4,4'-DDD	8.144	9.034	2615114	5062408	5.556	5.735m
17)	MA 4,4'-DDT	8.404	9.352	48269663	91155968	94.583	92.183
18)	B Endrin al...	8.477	9.260	677590	1376670	1.593	1.828
20)	A Methoxychlor	9.000	9.839	68911717	117.1E6	212.758	233.258
21)	B Endrin ke...	9.223	9.992	1965833	2460653	2.981	2.340

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

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Acq On : 15 Dec 2021 09:15
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Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

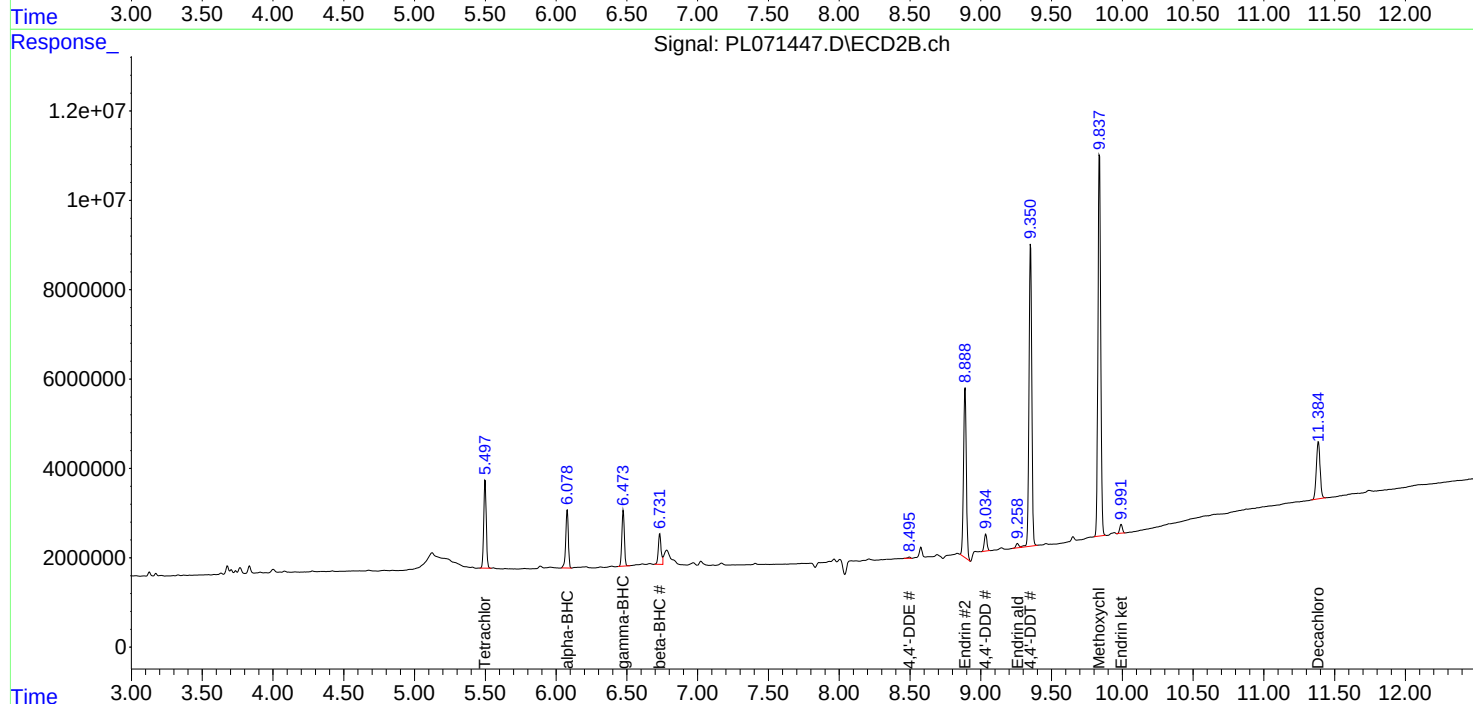
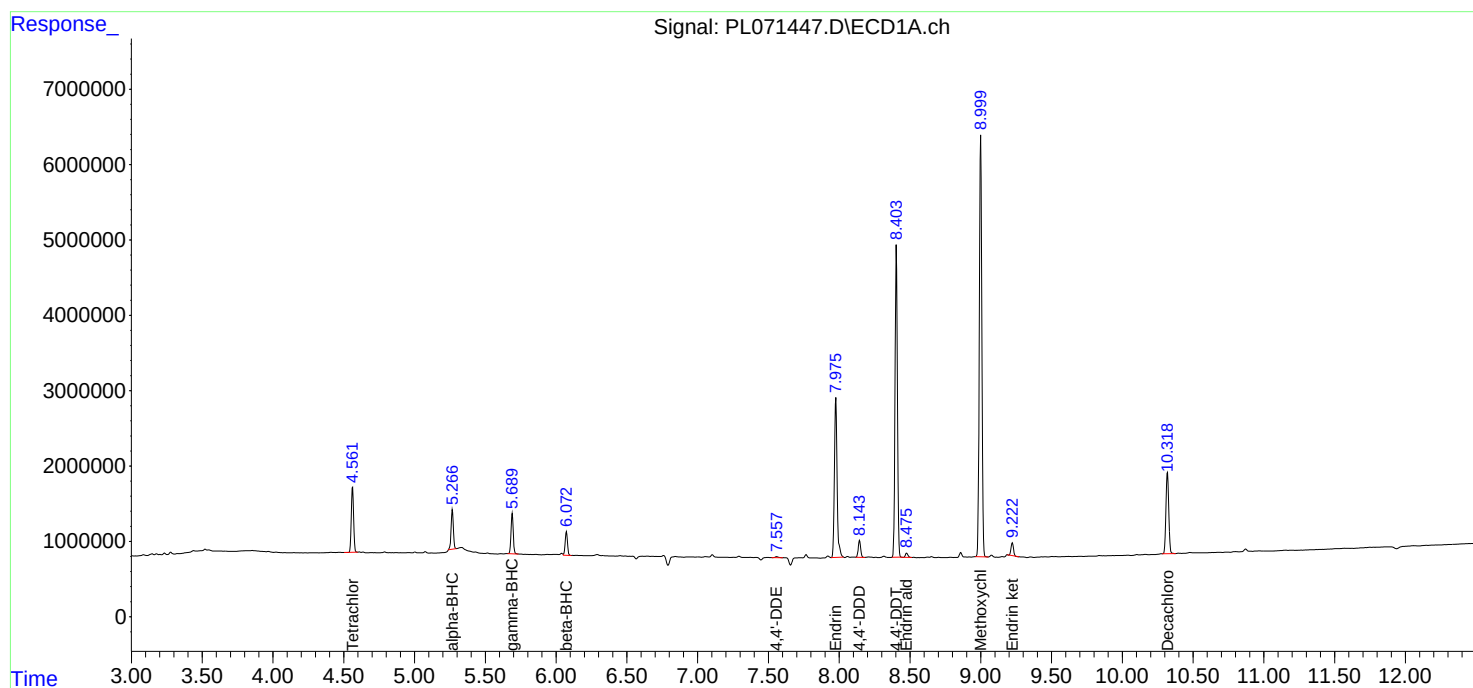
Instrument :
ECD_L
ClientSampleId :
PEM

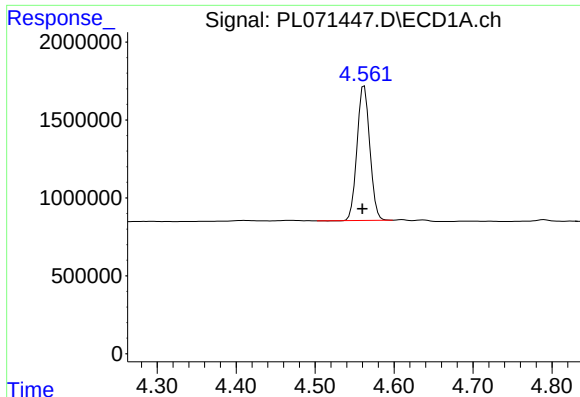
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Integration File signal 1: autoint1.e
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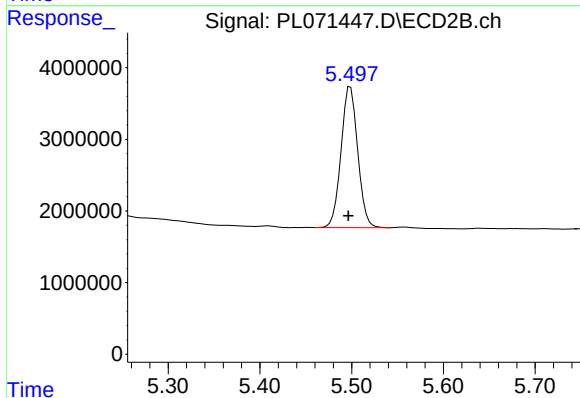
#1 Tetrachloro-m-xylene

R.T.: 4.562 min
Delta R.T.: 0.002 min
Response: 9692525
Conc: 20.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

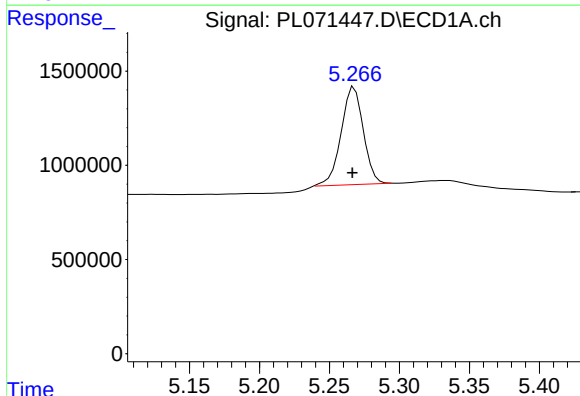
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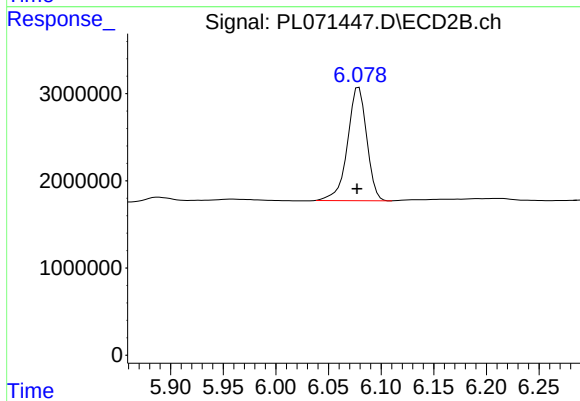
#1 Tetrachloro-m-xylene

R.T.: 5.499 min
Delta R.T.: 0.002 min
Response: 24797524
Conc: 20.82 ng/ml



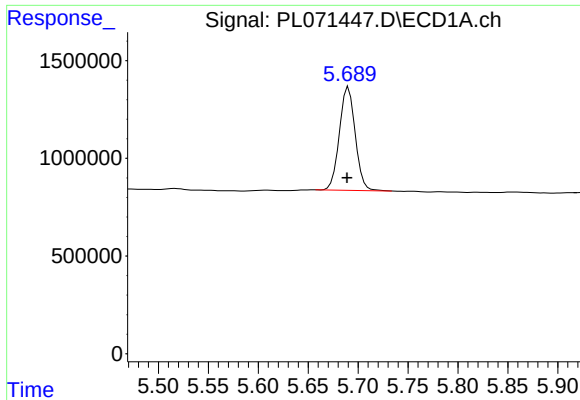
#2 alpha-BHC

R.T.: 5.268 min
Delta R.T.: 0.001 min
Response: 5742895
Conc: 9.03 ng/ml



#2 alpha-BHC

R.T.: 6.079 min
Delta R.T.: 0.002 min
Response: 16591663
Conc: 9.65 ng/ml



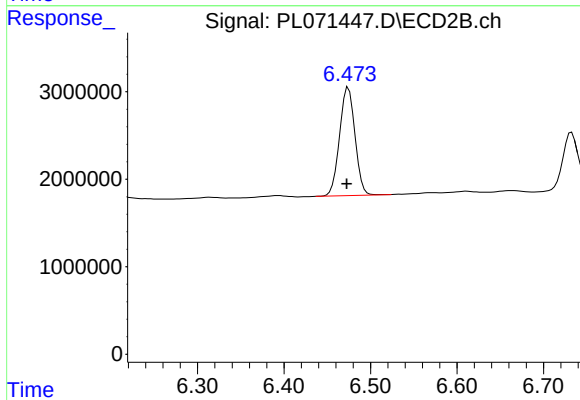
#3 gamma-BHC (Lindane)

R.T.: 5.690 min
Delta R.T.: 0.001 min
Response: 5828831
Conc: 8.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

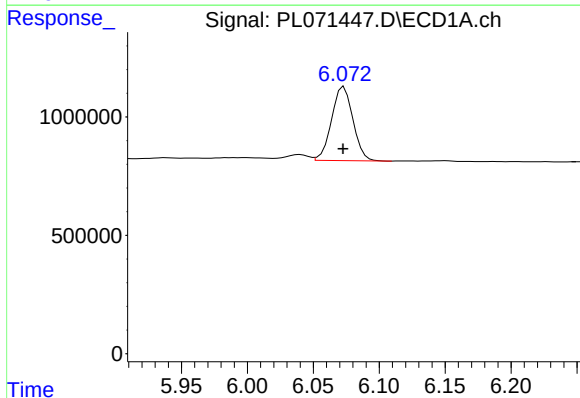
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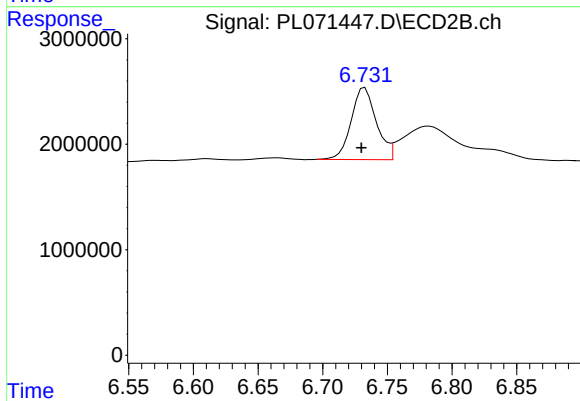
#3 gamma-BHC (Lindane)

R.T.: 6.474 min
Delta R.T.: 0.002 min
Response: 15245411
Conc: 9.55 ng/ml



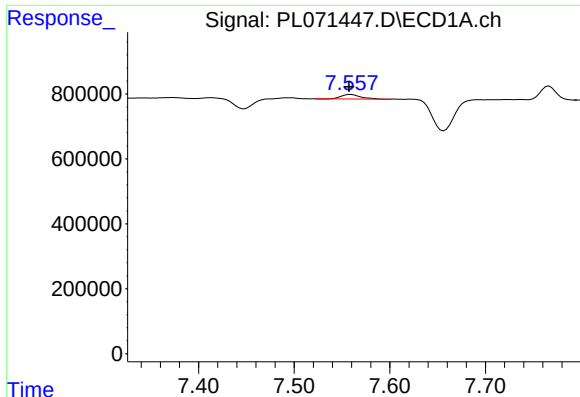
#6 beta-BHC

R.T.: 6.073 min
Delta R.T.: 0.000 min
Response: 3527712
Conc: 12.35 ng/ml



#6 beta-BHC

R.T.: 6.733 min
Delta R.T.: 0.003 min
Response: 9247940
Conc: 11.55 ng/ml



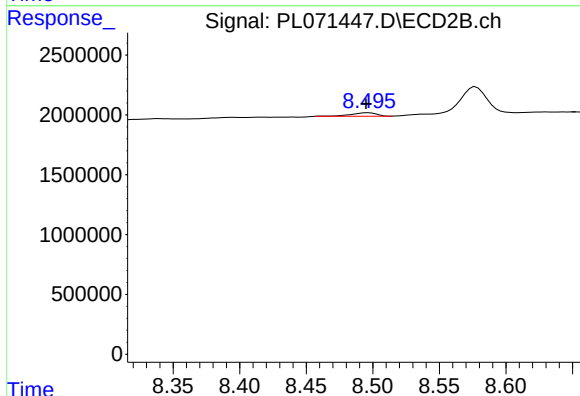
#12 4,4'-DDE

R.T.: 7.559 min
Delta R.T.: 0.002 min
Response: 187315
Conc: 0.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

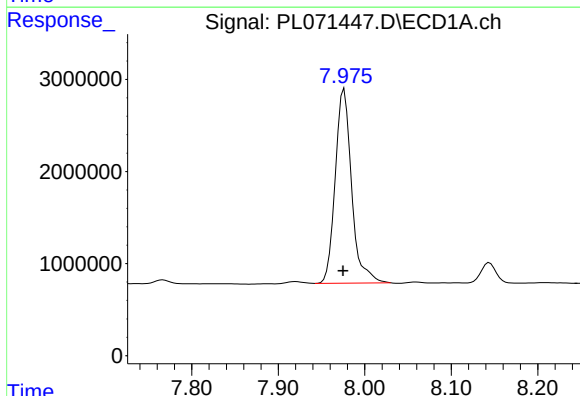
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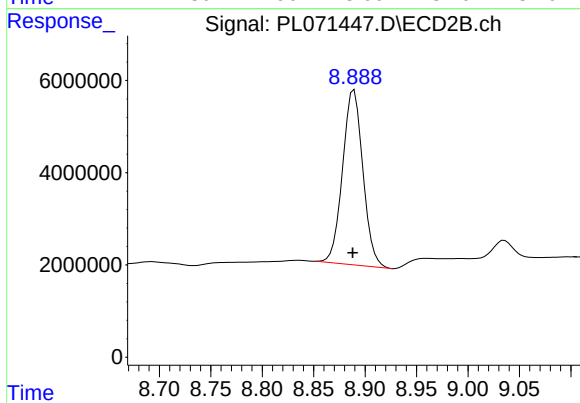
#12 4,4'-DDE

R.T.: 8.496 min
Delta R.T.: 0.001 min
Response: 387101
Conc: 0.32 ng/ml



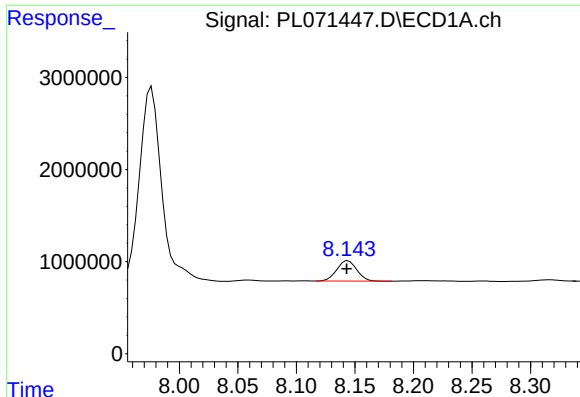
#14 Endrin

R.T.: 7.976 min
Delta R.T.: 0.001 min
Response: 27660538
Conc: 50.50 ng/ml



#14 Endrin

R.T.: 8.889 min
Delta R.T.: 0.001 min
Response: 51992573
Conc: 51.32 ng/ml



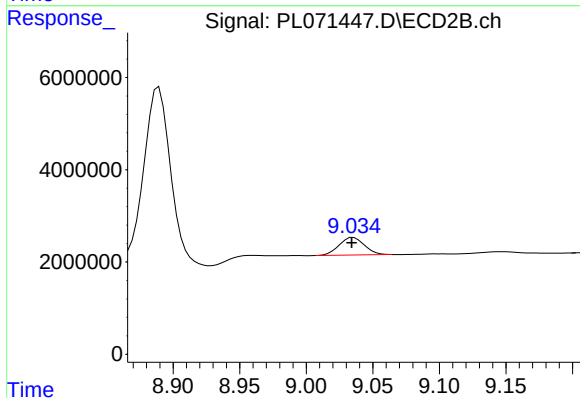
#16 4,4'-DDD

R.T.: 8.144 min
Delta R.T.: 0.001 min
Response: 2615114
Conc: 5.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

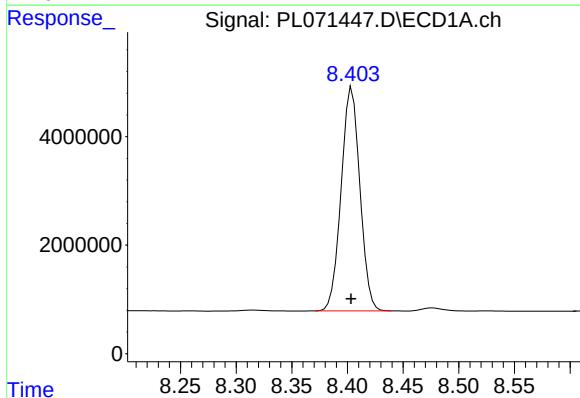
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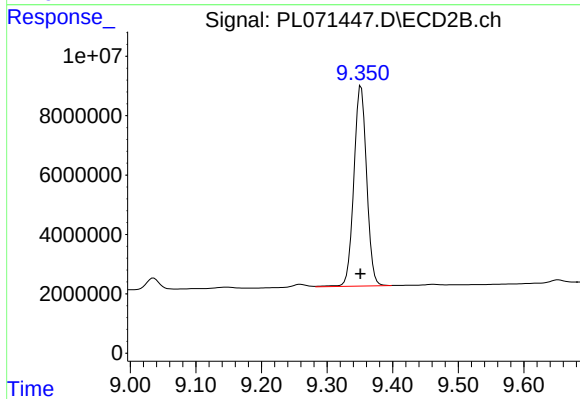
#16 4,4'-DDD

R.T.: 9.034 min
Delta R.T.: 0.000 min
Response: 5062408
Conc: 5.74 ng/ml m



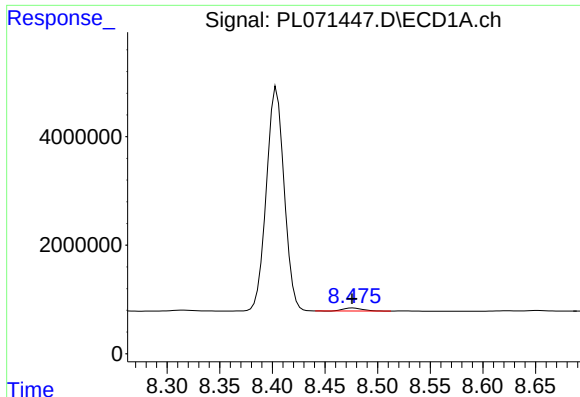
#17 4,4'-DDT

R.T.: 8.404 min
Delta R.T.: 0.001 min
Response: 48269663
Conc: 94.58 ng/ml



#17 4,4'-DDT

R.T.: 9.352 min
Delta R.T.: 0.001 min
Response: 91155968
Conc: 92.18 ng/ml



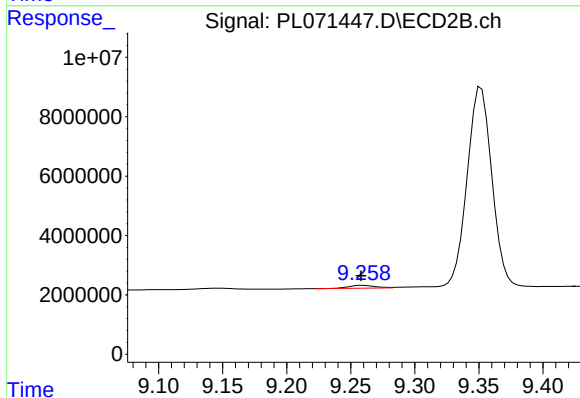
#18 Endrin aldehyde

R.T.: 8.477 min
Delta R.T.: 0.001 min
Response: 677590
Conc: 1.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

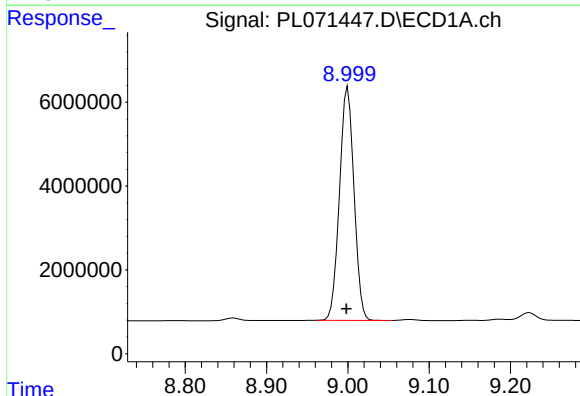
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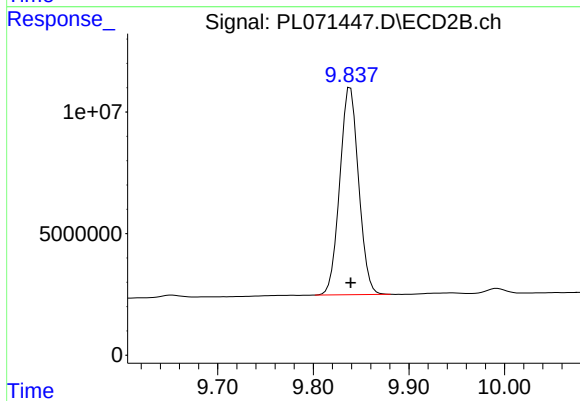
#18 Endrin aldehyde

R.T.: 9.260 min
Delta R.T.: 0.002 min
Response: 1376670
Conc: 1.83 ng/ml



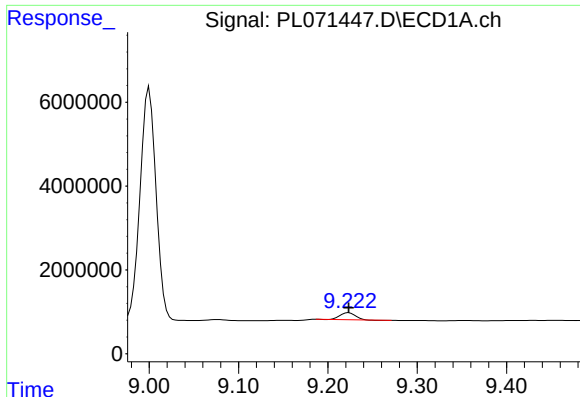
#20 Methoxychlor

R.T.: 9.000 min
Delta R.T.: 0.002 min
Response: 68911717
Conc: 212.76 ng/ml



#20 Methoxychlor

R.T.: 9.839 min
Delta R.T.: 0.000 min
Response: 117089296
Conc: 233.26 ng/ml



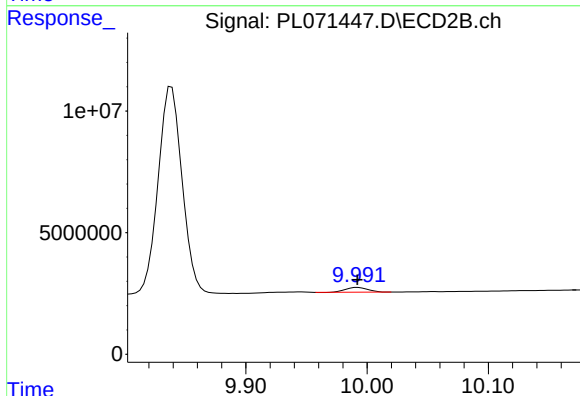
#21 Endrin ketone

R.T.: 9.223 min
Delta R.T.: 0.000 min
Response: 1965833
Conc: 2.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

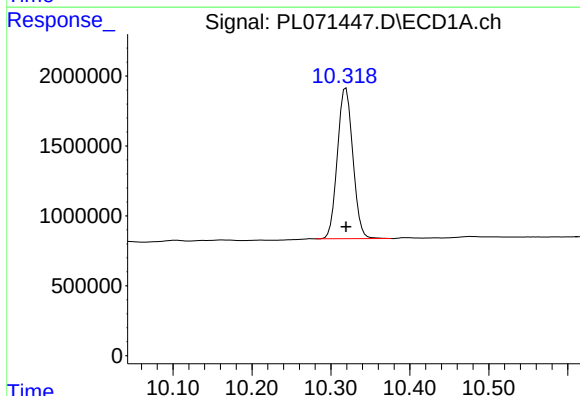
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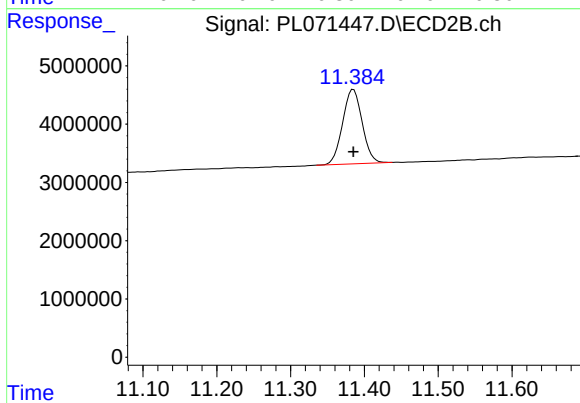
#21 Endrin ketone

R.T.: 9.992 min
Delta R.T.: 0.000 min
Response: 2460653
Conc: 2.34 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.319 min
Delta R.T.: 0.000 min
Response: 14632215
Conc: 22.02 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.385 min
Delta R.T.: 0.000 min
Response: 23515980
Conc: 21.64 ng/ml