

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL011422\
 Data File : PL072011.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Jan 2022 18:18
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 01/17/2022
 Supervised By : Ankita Jodhani 01/17/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 14 21:39:11 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL010422.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 06 10:33:37 2022
 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...	4.557	5.493	8268844	23100138	17.900	18.801
28)	SA Decachlor...	10.322	11.389	14404339	24782044	19.922	20.913
Target Compounds							
2)	A alpha-BHC	5.264	6.075	5019636	15585240	8.129	8.939
3)	MA gamma-BHC...	5.687	6.471	4928633	14438171	8.097	8.926
6)	B beta-BHC	6.071	6.731	3000141	7504023	11.088	10.502
12)	B 4,4'-DDE	7.555	8.495	94523	336463	0.170m	0.267m#
14)	MA Endrin	7.975	8.889	24600653	55007055	46.551	53.150
16)	A 4,4'-DDD	8.144	9.035	779464	1900974	1.619	1.977m
17)	MA 4,4'-DDT	8.405	9.353	49259311	106.1E6	103.213	112.550
18)	B Endrin al...	8.477	9.261	319687	555990	0.705m	0.655
20)	A Methoxychlor	9.001	9.841	71389659	138.3E6	230.662	280.794
21)	B Endrin ke...	9.226	9.994	1186249	1812472	1.712	1.606

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

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Acq On : 14 Jan 2022 18:18
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

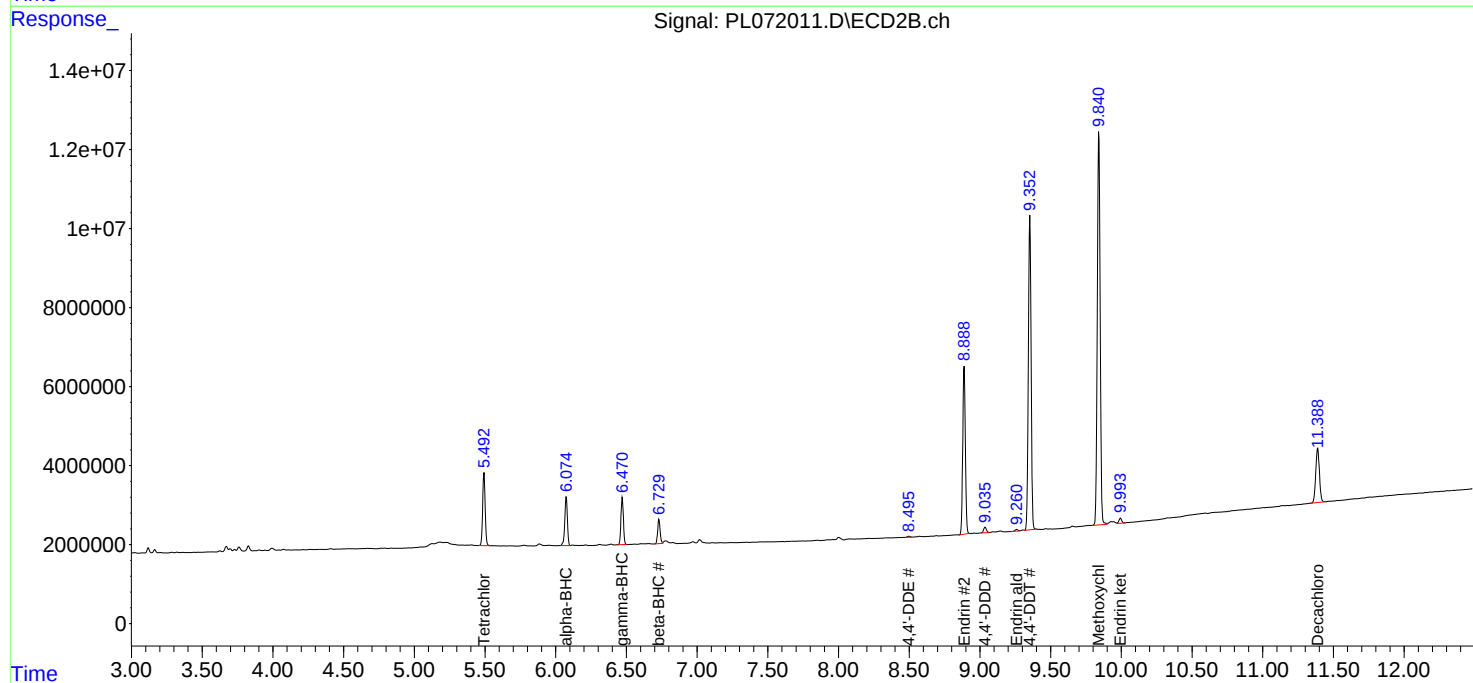
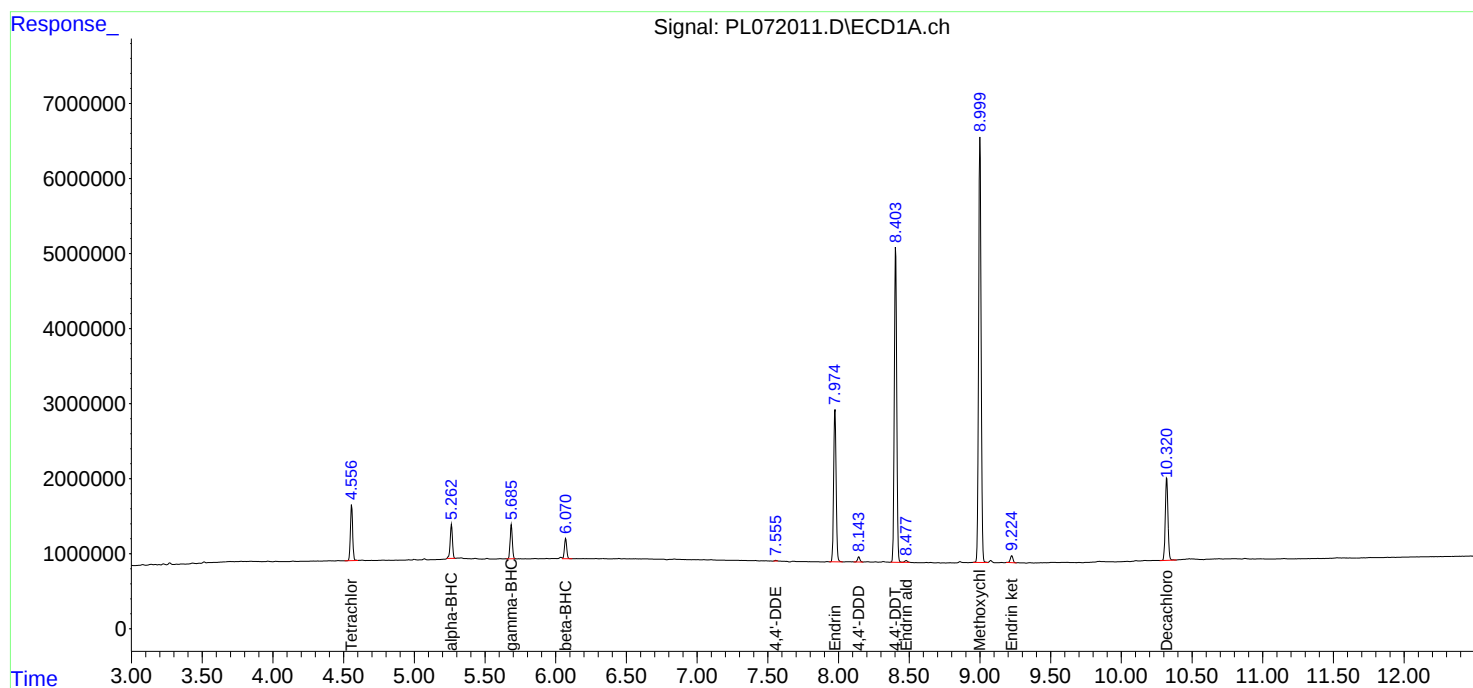
Instrument :
ECD_L
ClientSampleId :
PEM

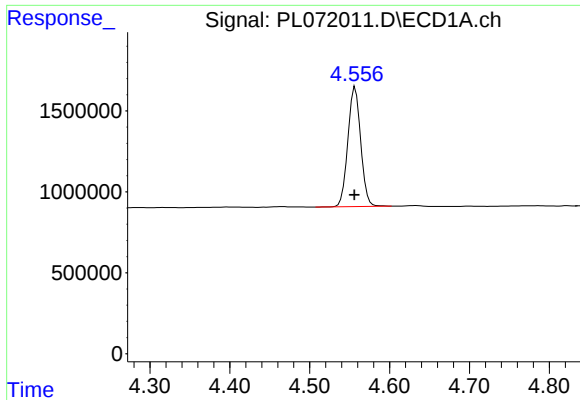
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Integration File signal 1: autoint1.e
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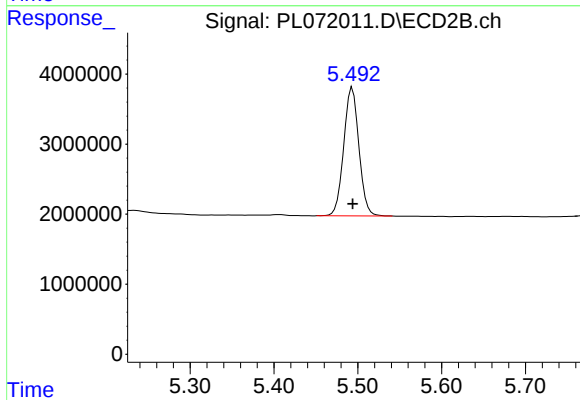
#1 Tetrachloro-m-xylene

R.T.: 4.557 min
Delta R.T.: 0.001 min
Response: 8268844
Conc: 17.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

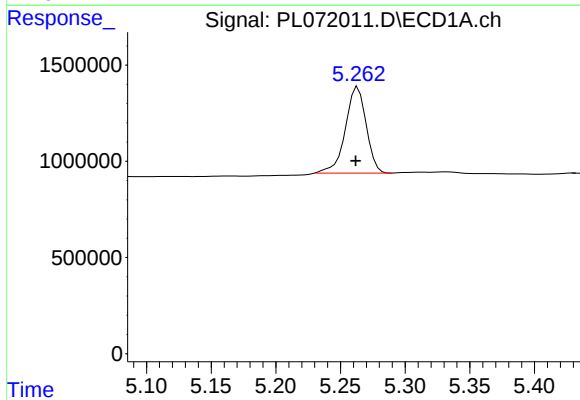
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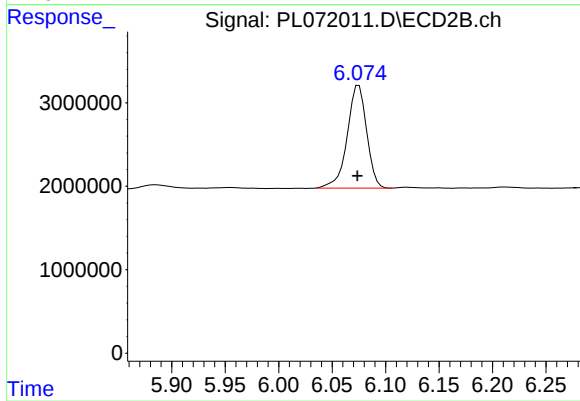
#1 Tetrachloro-m-xylene

R.T.: 5.493 min
Delta R.T.: 0.000 min
Response: 23100138
Conc: 18.80 ng/ml



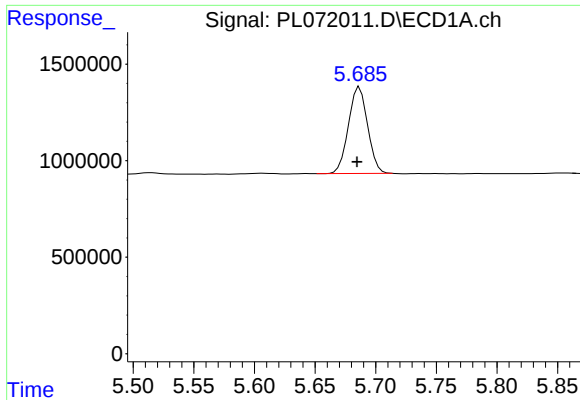
#2 alpha-BHC

R.T.: 5.264 min
Delta R.T.: 0.002 min
Response: 5019636
Conc: 8.13 ng/ml



#2 alpha-BHC

R.T.: 6.075 min
Delta R.T.: 0.001 min
Response: 15585240
Conc: 8.94 ng/ml



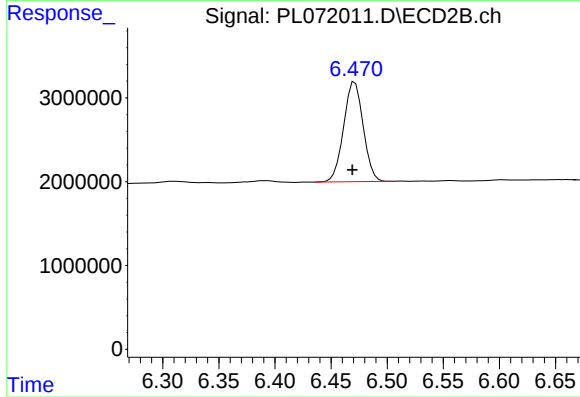
#3 gamma-BHC (Lindane)

R.T.: 5.687 min
Delta R.T.: 0.002 min
Response: 4928633
Conc: 8.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

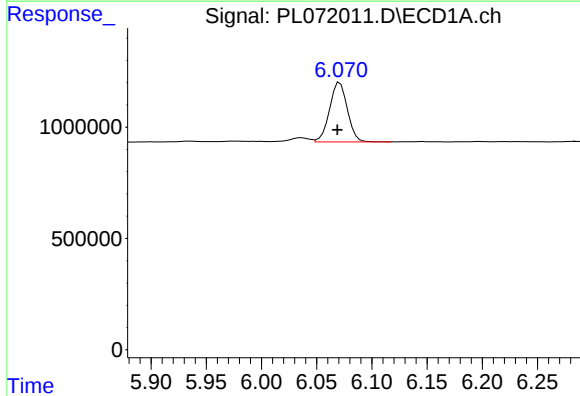
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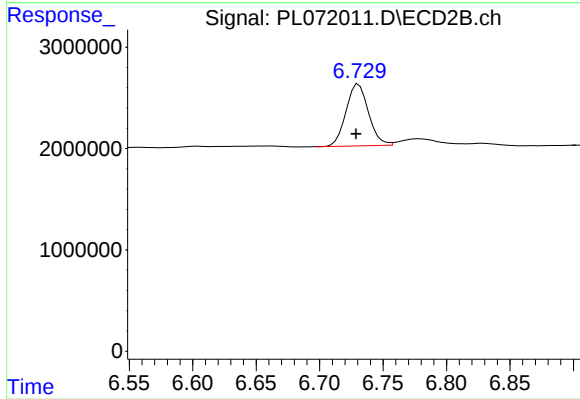
#3 gamma-BHC (Lindane)

R.T.: 6.471 min
Delta R.T.: 0.002 min
Response: 14438171
Conc: 8.93 ng/ml



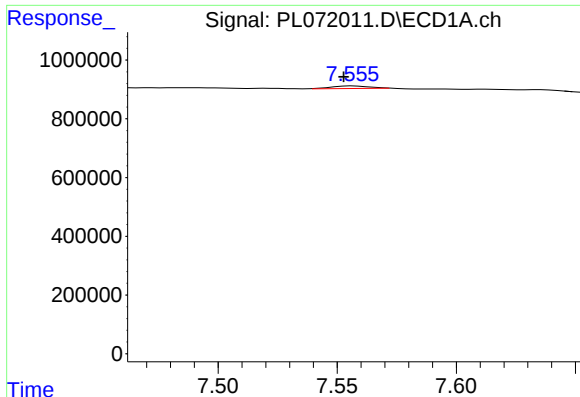
#6 beta-BHC

R.T.: 6.071 min
Delta R.T.: 0.002 min
Response: 3000141
Conc: 11.09 ng/ml



#6 beta-BHC

R.T.: 6.731 min
Delta R.T.: 0.002 min
Response: 7504023
Conc: 10.50 ng/ml



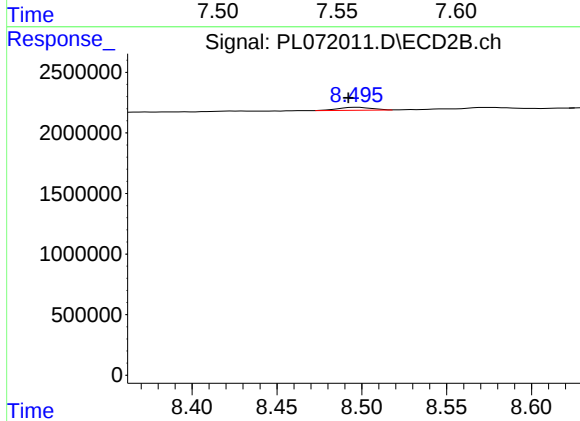
#12 4,4'-DDE

R.T.: 7.555 min
Delta R.T.: 0.003 min
Response: 94523
Conc: 0.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

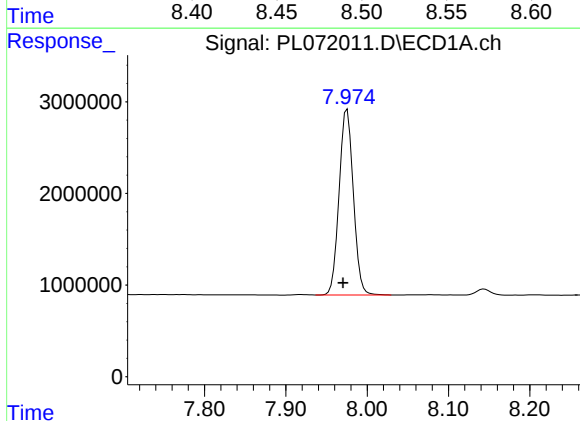
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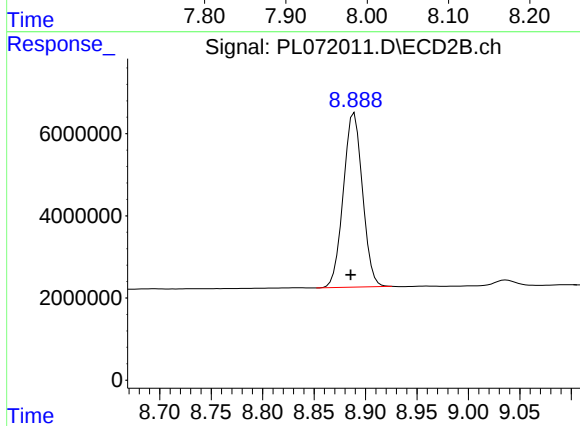
#12 4,4'-DDE

R.T.: 8.495 min
Delta R.T.: 0.003 min
Response: 336463
Conc: 0.27 ng/ml m



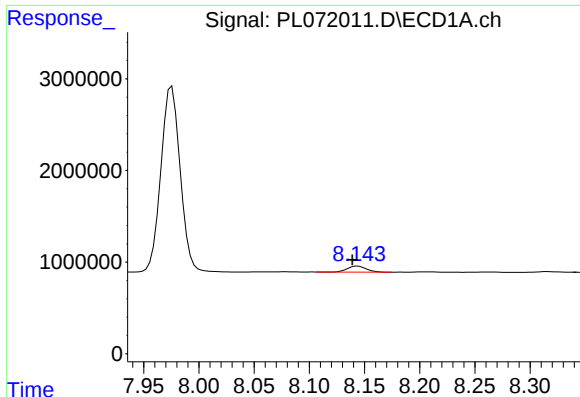
#14 Endrin

R.T.: 7.975 min
Delta R.T.: 0.005 min
Response: 24600653
Conc: 46.55 ng/ml



#14 Endrin

R.T.: 8.889 min
Delta R.T.: 0.004 min
Response: 55007055
Conc: 53.15 ng/ml



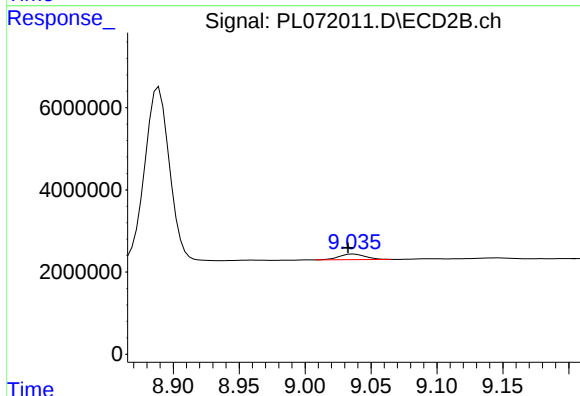
#16 4,4'-DDD

R.T.: 8.144 min
Delta R.T.: 0.005 min
Response: 779464
Conc: 1.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

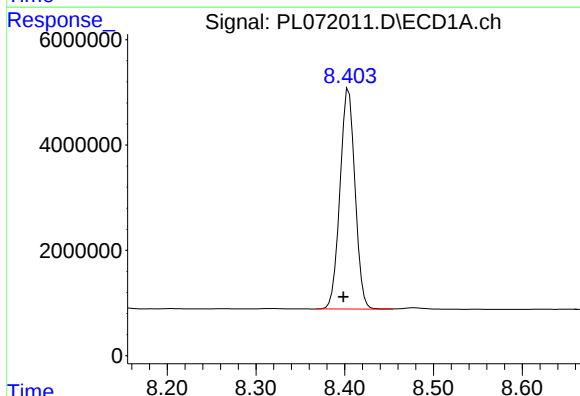
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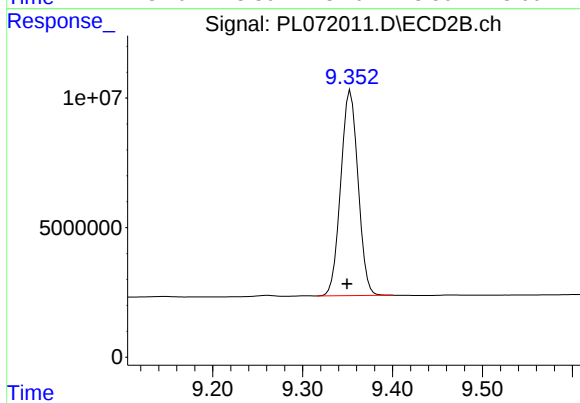
#16 4,4'-DDD

R.T.: 9.035 min
Delta R.T.: 0.003 min
Response: 1900974
Conc: 1.98 ng/ml m



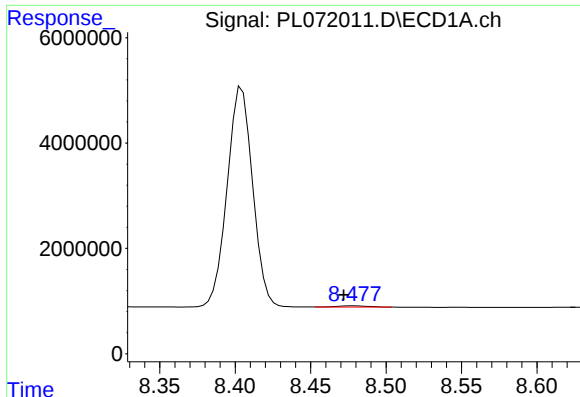
#17 4,4'-DDT

R.T.: 8.405 min
Delta R.T.: 0.006 min
Response: 49259311
Conc: 103.21 ng/ml



#17 4,4'-DDT

R.T.: 9.353 min
Delta R.T.: 0.004 min
Response: 106137843
Conc: 112.55 ng/ml



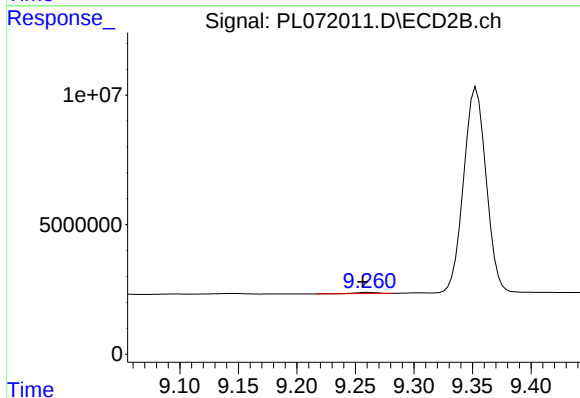
#18 Endrin aldehyde

R.T.: 8.477 min
Delta R.T.: 0.006 min
Response: 319687
Conc: 0.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

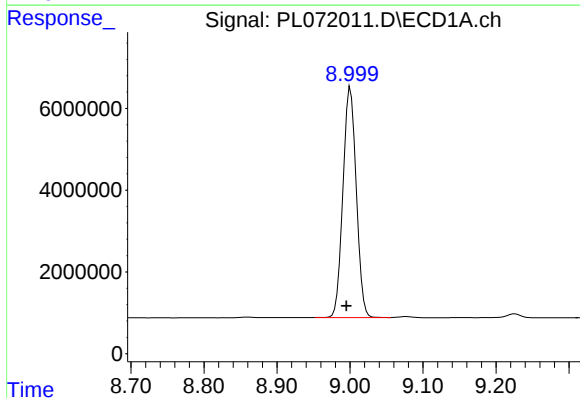
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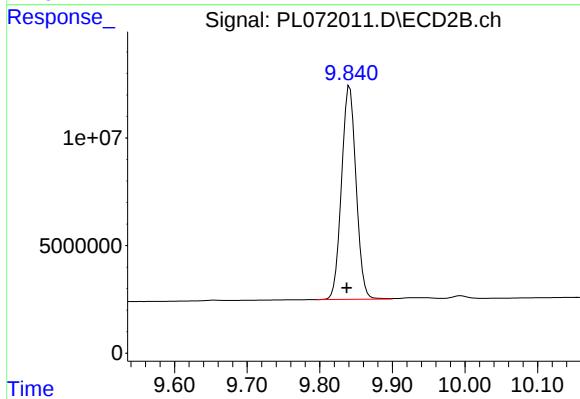
#18 Endrin aldehyde

R.T.: 9.261 min
Delta R.T.: 0.005 min
Response: 555990
Conc: 0.66 ng/ml



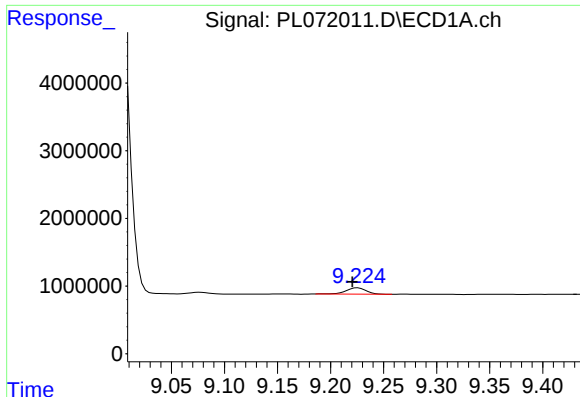
#20 Methoxychlor

R.T.: 9.001 min
Delta R.T.: 0.005 min
Response: 71389659
Conc: 230.66 ng/ml



#20 Methoxychlor

R.T.: 9.841 min
Delta R.T.: 0.004 min
Response: 138268193
Conc: 280.79 ng/ml



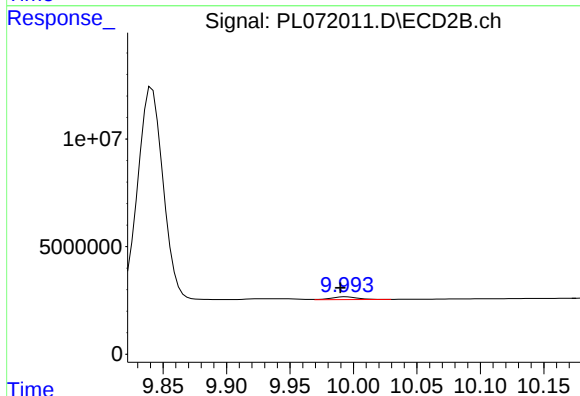
#21 Endrin ketone

R.T.: 9.226 min
Delta R.T.: 0.005 min
Response: 1186249
Conc: 1.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

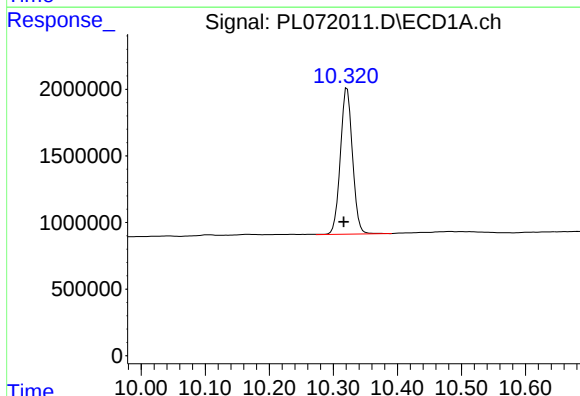
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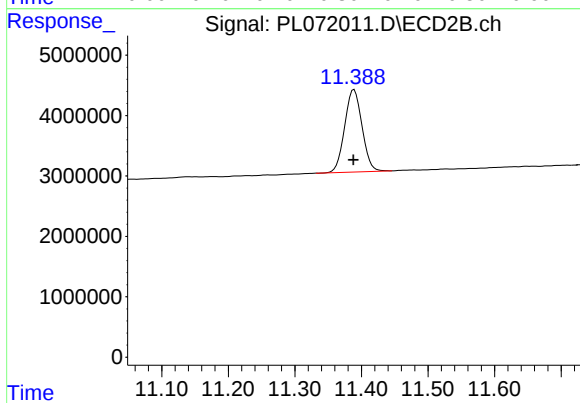
#21 Endrin ketone

R.T.: 9.994 min
Delta R.T.: 0.004 min
Response: 1812472
Conc: 1.61 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.322 min
Delta R.T.: 0.006 min
Response: 14404339
Conc: 19.92 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.389 min
Delta R.T.: 0.000 min
Response: 24782044
Conc: 20.91 ng/ml