

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL011222\
 Data File : PL071938.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Jan 2022 08:54
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 01/13/2022
 Supervised By : Ankita Jodhani 01/13/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 13 00:09:13 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...	4.559	5.494	10317940	28714419	22.336	23.371
28)	SA Decachlor...	10.321	11.388	16650794	27596193	23.029	23.288
Target Compounds							
2)	A alpha-BHC	5.263	6.075	6474467	19262059	10.486m	11.048
3)	MA gamma-BHC...	5.688	6.471	6119332	17754609	10.053	10.976
6)	B beta-BHC	6.072	6.731	3646550	9256495	13.478	12.955
12)	B 4,4'-DDE	7.557	8.496	176405	530815	0.318m	0.422 #
14)	MA Endrin	7.976	8.889	29572204	63338036	55.958	61.200
16)	A 4,4'-DDD	8.144	9.035	1745293	3928220	3.624	4.086m
17)	MA 4,4'-DDT	8.405	9.353	57147601	122.5E6	119.742	129.919
18)	B Endrin al...	8.478	9.259	426529	598453	0.940	0.705m
20)	A Methoxychlor	9.000	9.841	77480433	152.7E6	250.341	310.138
21)	B Endrin ke...	9.225	9.994	1693593	2428029	2.444	2.152

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

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Acq On : 12 Jan 2022 08:54
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Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

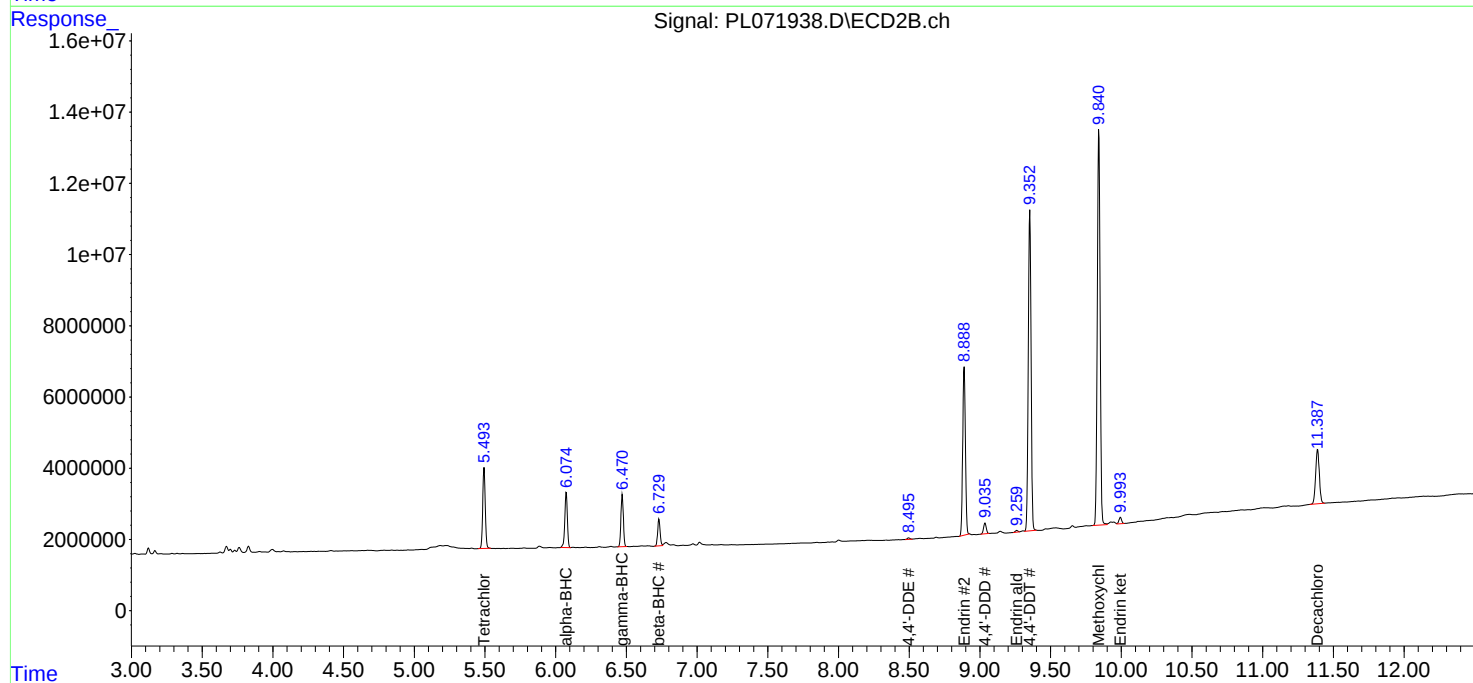
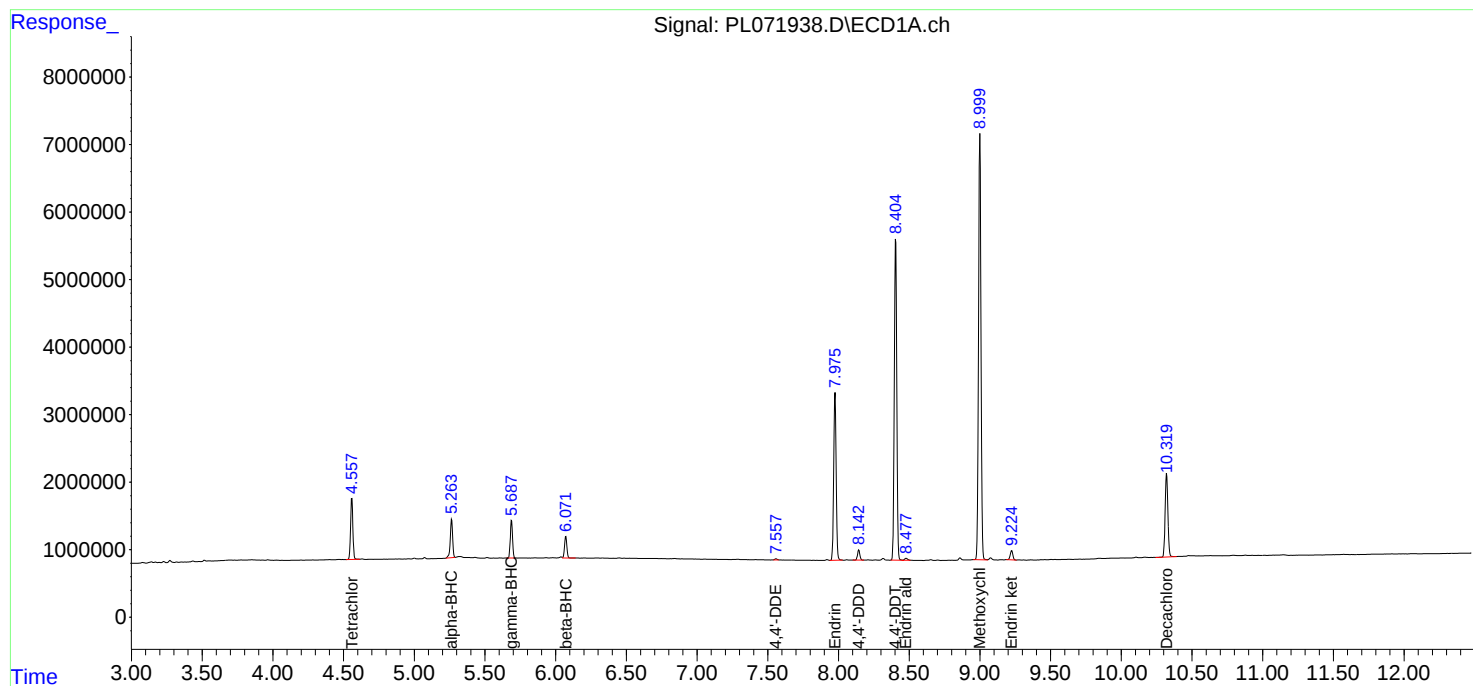
Instrument :
ECD_L
ClientSampleId :
PEM

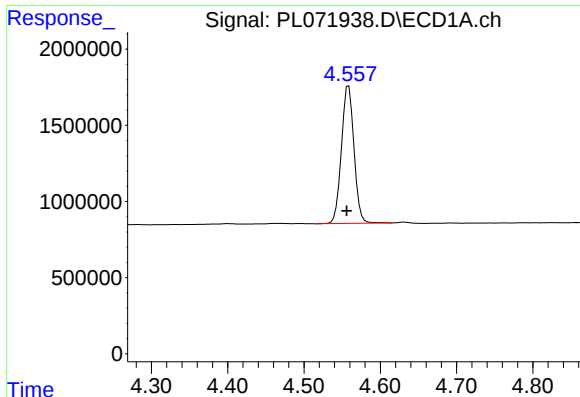
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Integration File signal 1: autoint1.e
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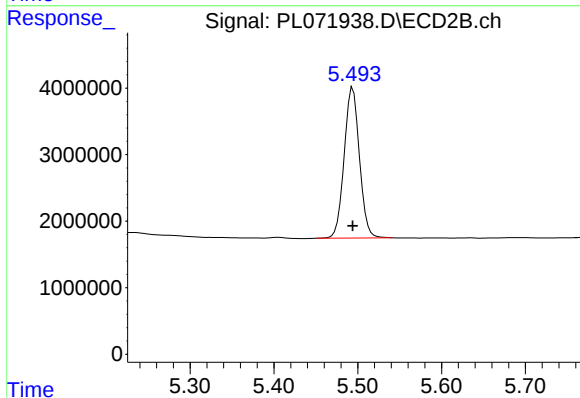
#1 Tetrachloro-m-xylene

R.T.: 4.559 min
Delta R.T.: 0.003 min
Response: 10317940
Conc: 22.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

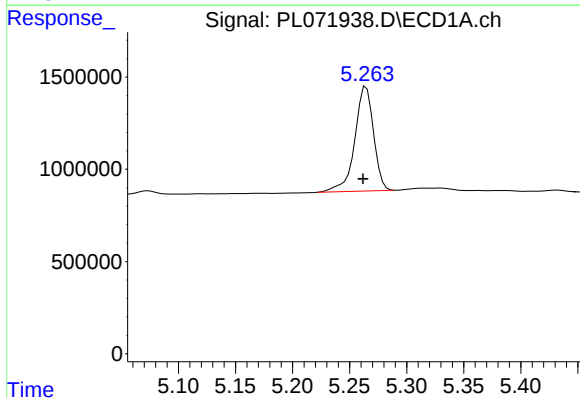
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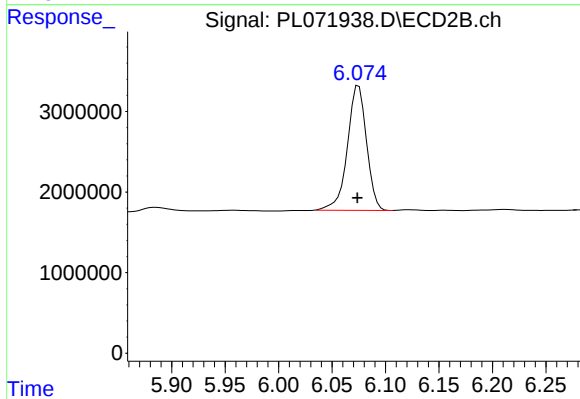
#1 Tetrachloro-m-xylene

R.T.: 5.494 min
Delta R.T.: 0.000 min
Response: 28714419
Conc: 23.37 ng/ml



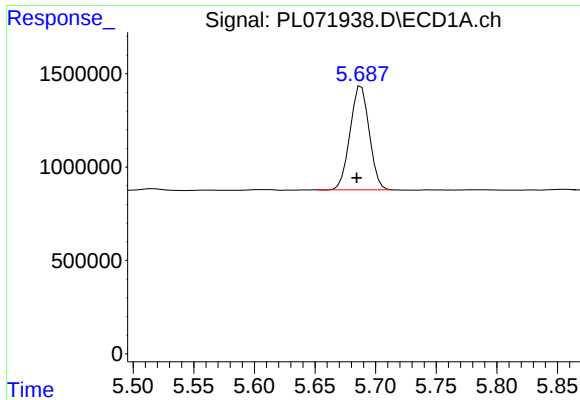
#2 alpha-BHC

R.T.: 5.263 min
Delta R.T.: 0.001 min
Response: 6474467
Conc: 10.49 ng/ml m



#2 alpha-BHC

R.T.: 6.075 min
Delta R.T.: 0.001 min
Response: 19262059
Conc: 11.05 ng/ml



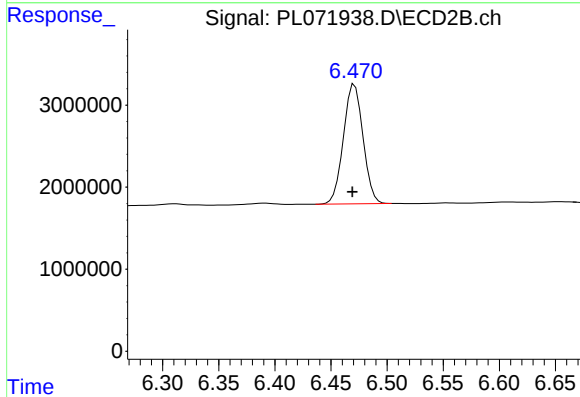
#3 gamma-BHC (Lindane)

R.T.: 5.688 min
Delta R.T.: 0.004 min
Response: 6119332
Conc: 10.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

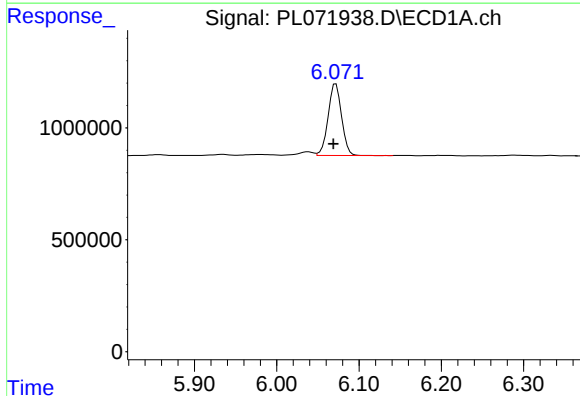
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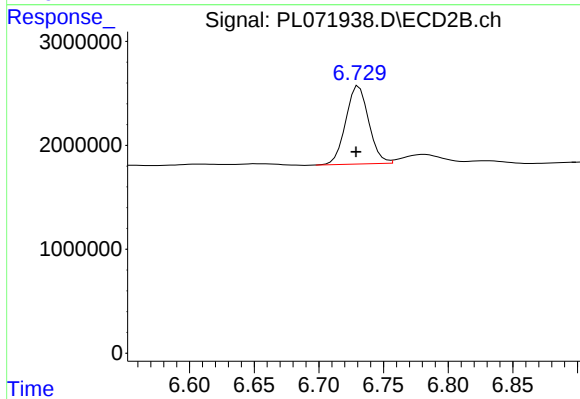
#3 gamma-BHC (Lindane)

R.T.: 6.471 min
Delta R.T.: 0.002 min
Response: 17754609
Conc: 10.98 ng/ml



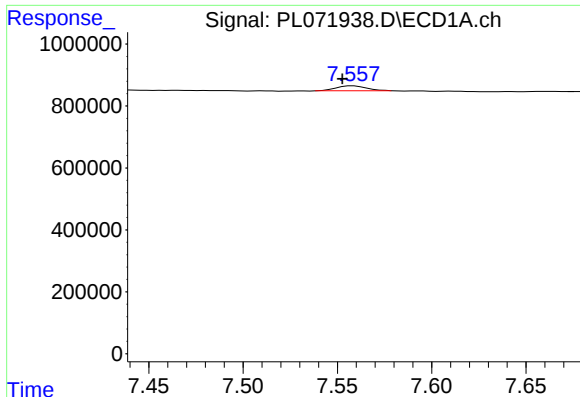
#6 beta-BHC

R.T.: 6.072 min
Delta R.T.: 0.003 min
Response: 3646550
Conc: 13.48 ng/ml



#6 beta-BHC

R.T.: 6.731 min
Delta R.T.: 0.002 min
Response: 9256495
Conc: 12.96 ng/ml



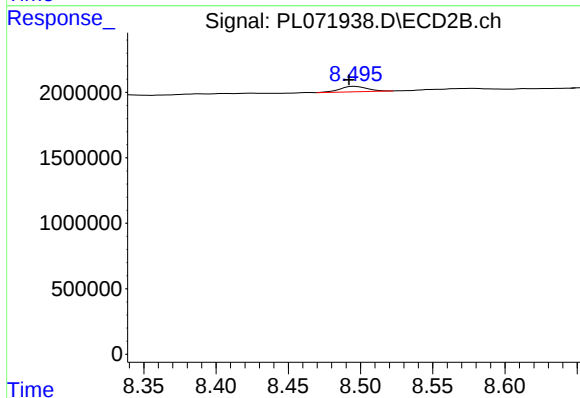
#12 4,4'-DDE

R.T.: 7.557 min
Delta R.T.: 0.004 min
Response: 176405
Conc: 0.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

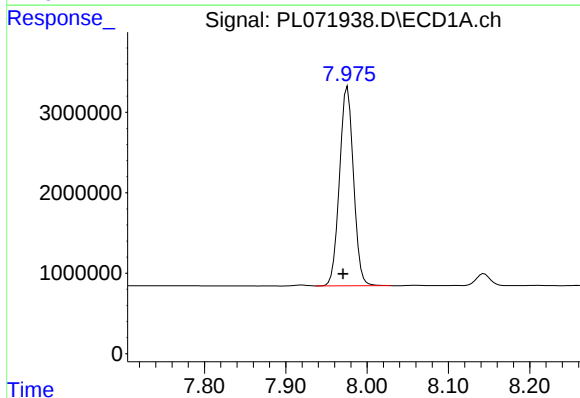
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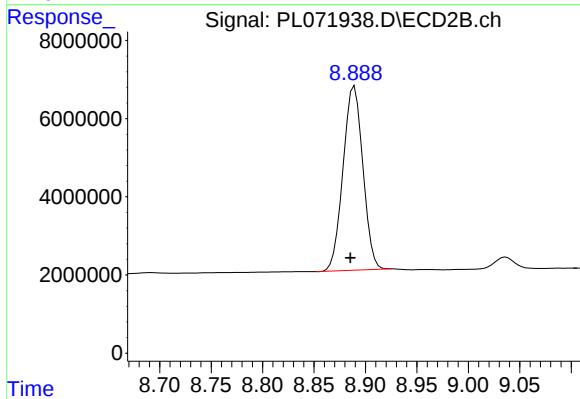
#12 4,4'-DDE

R.T.: 8.496 min
Delta R.T.: 0.004 min
Response: 530815
Conc: 0.42 ng/ml



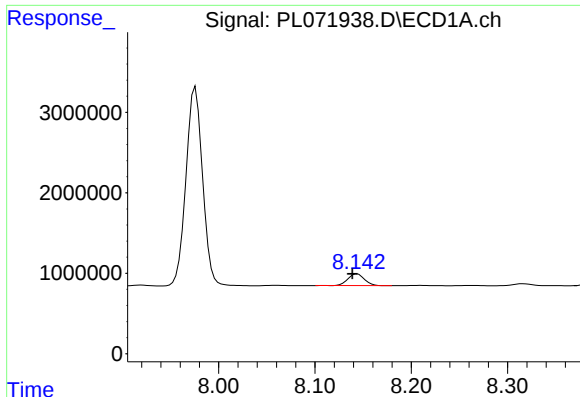
#14 Endrin

R.T.: 7.976 min
Delta R.T.: 0.006 min
Response: 29572204
Conc: 55.96 ng/ml



#14 Endrin

R.T.: 8.889 min
Delta R.T.: 0.004 min
Response: 63338036
Conc: 61.20 ng/ml



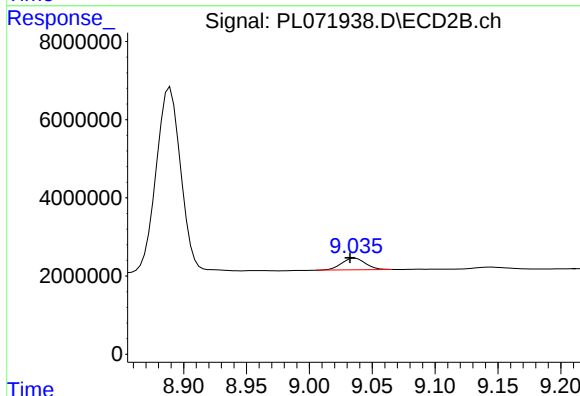
#16 4,4'-DDD

R.T.: 8.144 min
Delta R.T.: 0.005 min
Response: 1745293
Conc: 3.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

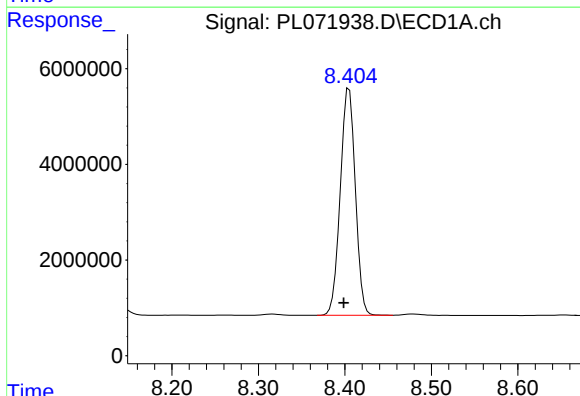
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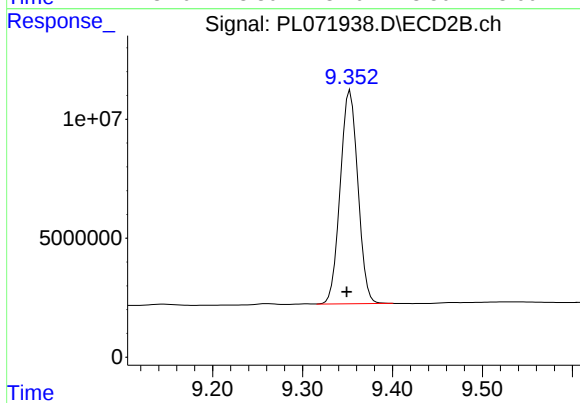
#16 4,4'-DDD

R.T.: 9.035 min
Delta R.T.: 0.003 min
Response: 3928220
Conc: 4.09 ng/ml m



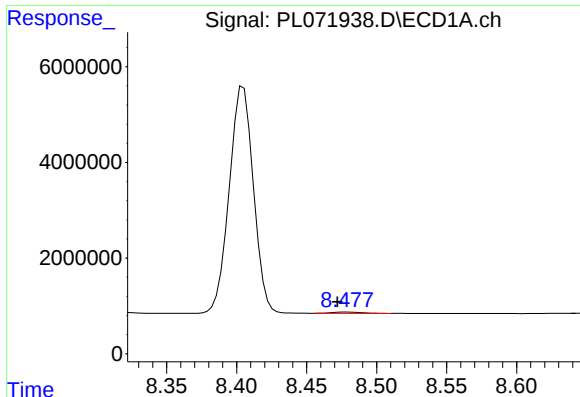
#17 4,4'-DDT

R.T.: 8.405 min
Delta R.T.: 0.006 min
Response: 57147601
Conc: 119.74 ng/ml



#17 4,4'-DDT

R.T.: 9.353 min
Delta R.T.: 0.004 min
Response: 122516835
Conc: 129.92 ng/ml



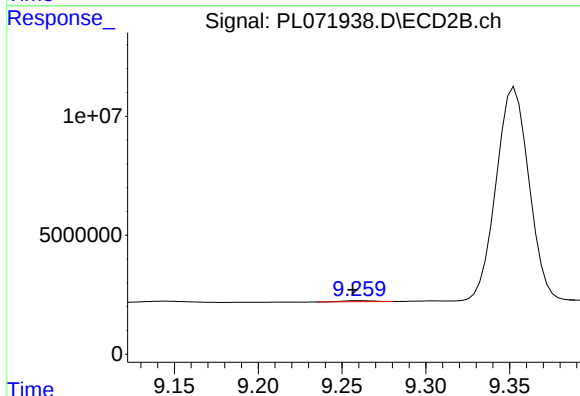
#18 Endrin aldehyde

R.T.: 8.478 min
Delta R.T.: 0.007 min
Response: 426529
Conc: 0.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

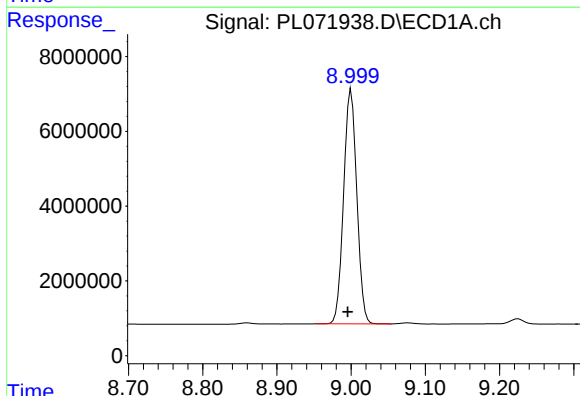
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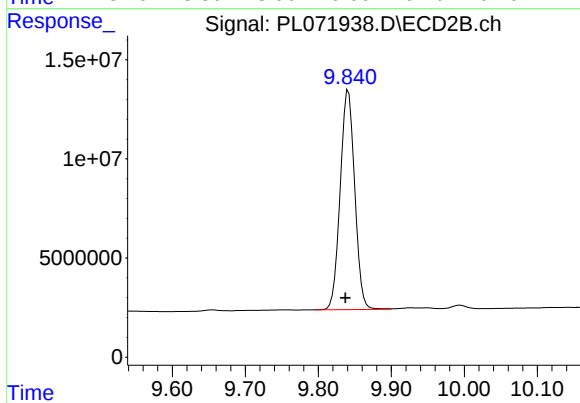
#18 Endrin aldehyde

R.T.: 9.259 min
Delta R.T.: 0.002 min
Response: 598453
Conc: 0.71 ng/ml m



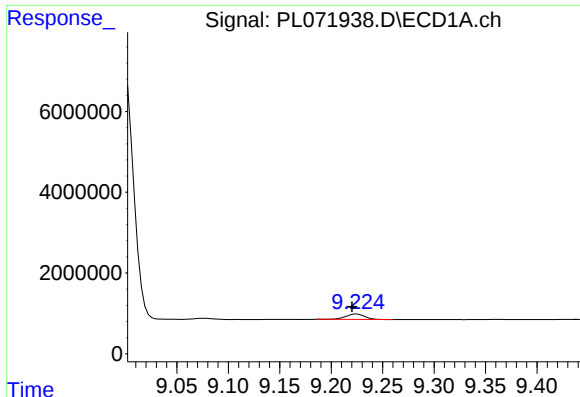
#20 Methoxychlor

R.T.: 9.000 min
Delta R.T.: 0.005 min
Response: 77480433
Conc: 250.34 ng/ml



#20 Methoxychlor

R.T.: 9.841 min
Delta R.T.: 0.004 min
Response: 152718071
Conc: 310.14 ng/ml



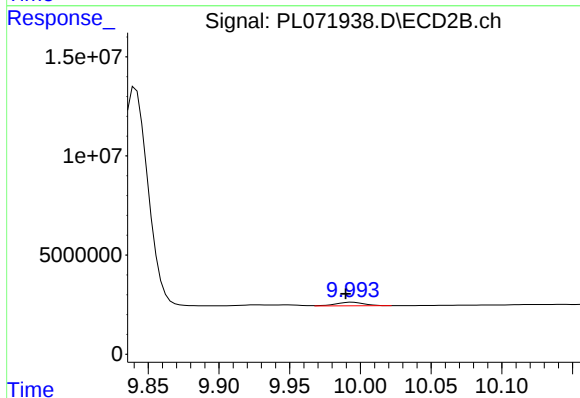
#21 Endrin ketone

R.T.: 9.225 min
Delta R.T.: 0.005 min
Response: 1693593
Conc: 2.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

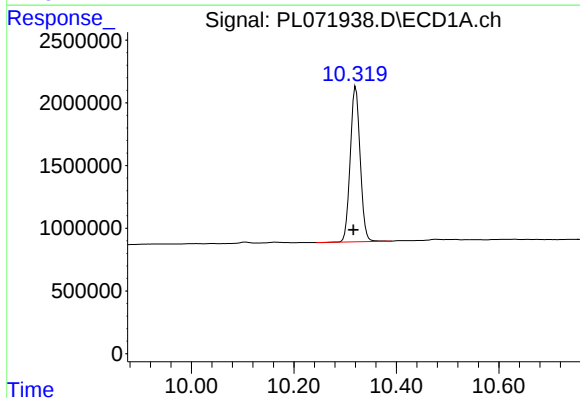
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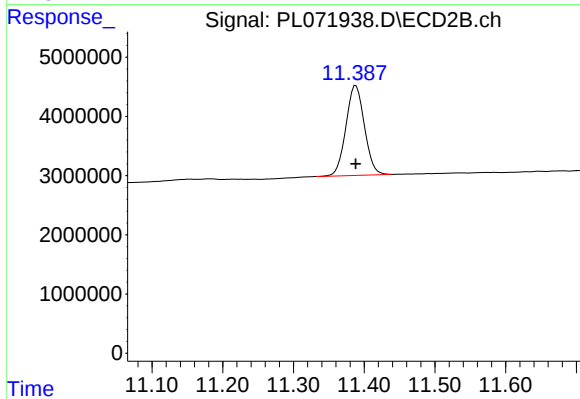
#21 Endrin ketone

R.T.: 9.994 min
Delta R.T.: 0.004 min
Response: 2428029
Conc: 2.15 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.321 min
Delta R.T.: 0.005 min
Response: 16650794
Conc: 23.03 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.388 min
Delta R.T.: 0.000 min
Response: 27596193
Conc: 23.29 ng/ml