

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL011722\
 Data File : PL072020.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Jan 2022 12:59
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 01/18/2022
 Supervised By : Ankita Jodhani 01/18/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 18 00:30:29 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL011722.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 18 00:27:39 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	5.495	11049837	31925343	19.903	19.657
28)	SA Decachlor...	10.324	11.396	18611764	33016334	20.949m	20.463
Target Compounds							
2)	A alpha-BHC	5.263	6.077	7069491	22658312	9.143m	9.391
3)	MA gamma-BHC...	5.688	6.474	6734356	20955431	8.931	9.312
6)	B beta-BHC	6.072	6.733	3780242	9975862	11.436	10.075
12)	B 4,4'-DDE	7.556	8.499	215691	401266	0.299m	0.212m#
14)	MA Endrin	7.977	8.894	34425563	81801642	49.133	49.337
16)	A 4,4'-DDD	8.145	9.044	139996	538521	0.239m	0.377 #
17)	MA 4,4'-DDT	8.406	9.358	69240244	159.1E6	104.267	100.631
18)	B Endrin al...	8.487	9.264	245046	217030	0.430m	0.175 #
20)	A Methoxychlor	9.003	9.846	96340088	201.5E6	228.350	243.201
21)	B Endrin ke...	9.226	10.000	403430	760898	0.484m	0.460

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

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Sample : PEM
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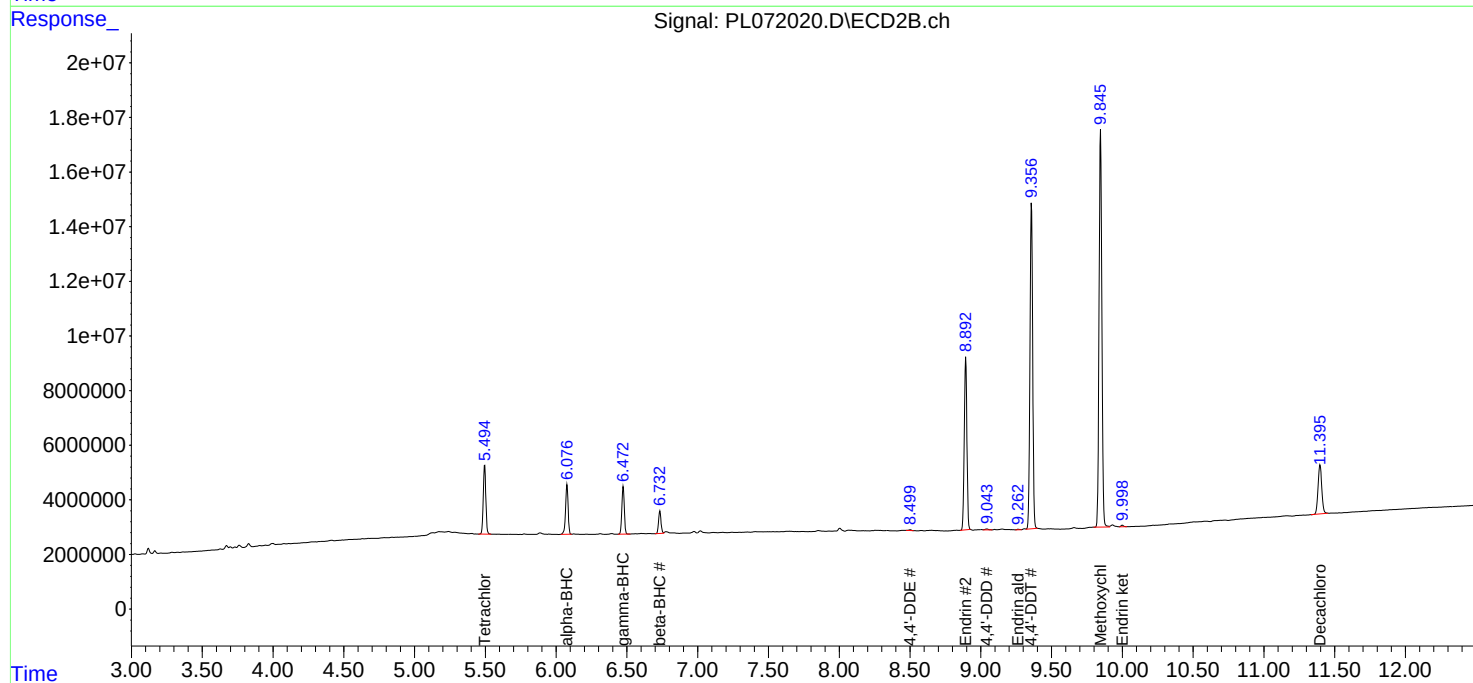
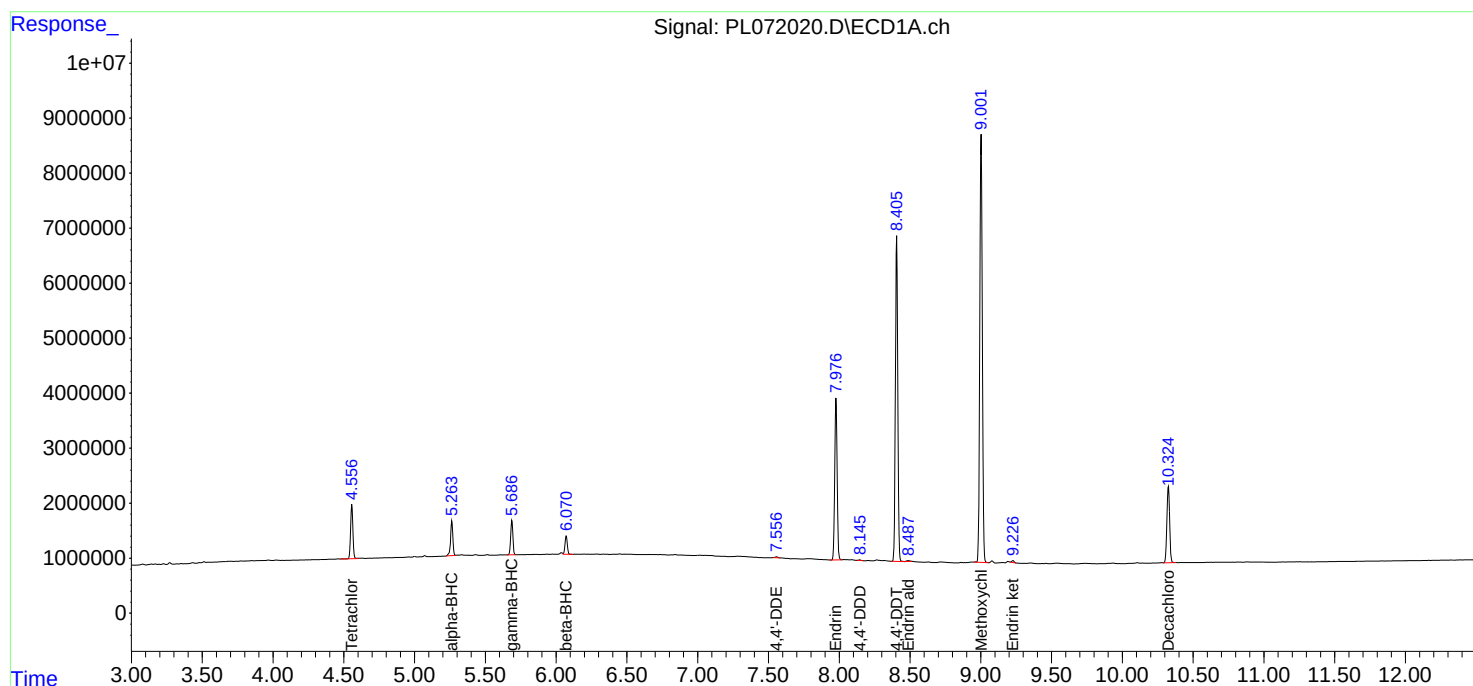
Instrument :
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ClientSampleId :
PEM

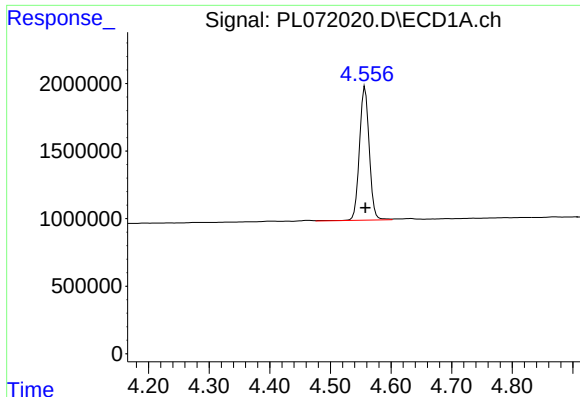
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Integration File signal 1: autoint1.e
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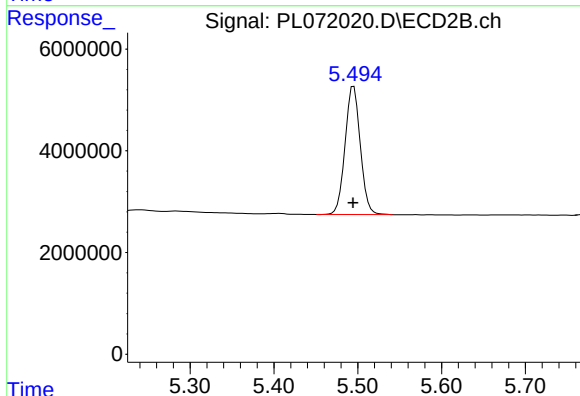
#1 Tetrachloro-m-xylene

R.T.: 4.557 min
Delta R.T.: 0.000 min
Response: 11049837
Conc: 19.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

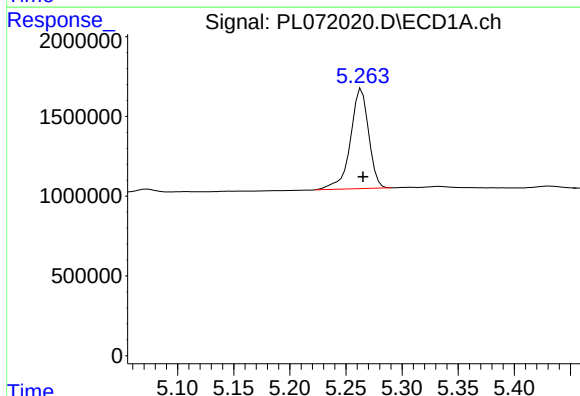
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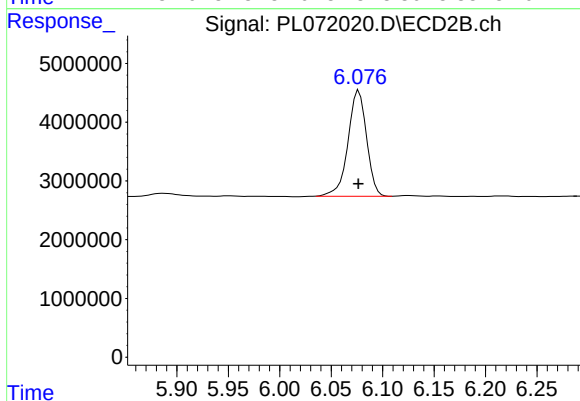
#1 Tetrachloro-m-xylene

R.T.: 5.495 min
Delta R.T.: 0.000 min
Response: 31925343
Conc: 19.66 ng/ml



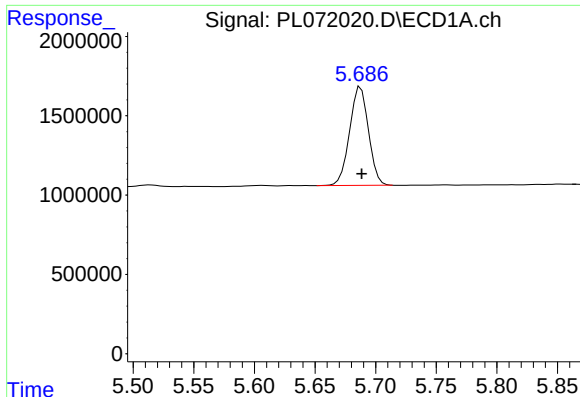
#2 alpha-BHC

R.T.: 5.263 min
Delta R.T.: -0.003 min
Response: 7069491
Conc: 9.14 ng/ml m



#2 alpha-BHC

R.T.: 6.077 min
Delta R.T.: 0.000 min
Response: 22658312
Conc: 9.39 ng/ml



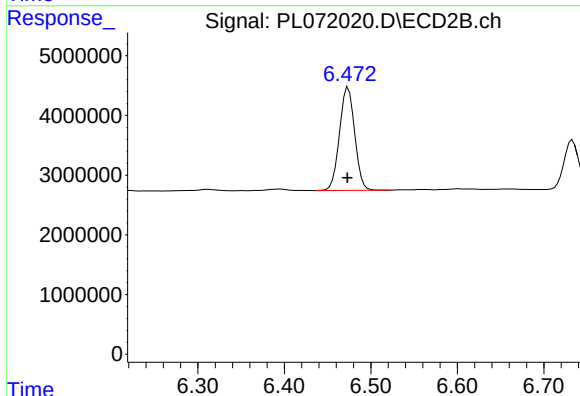
#3 gamma-BHC (Lindane)

R.T.: 5.688 min
Delta R.T.: 0.000 min
Response: 6734356
Conc: 8.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

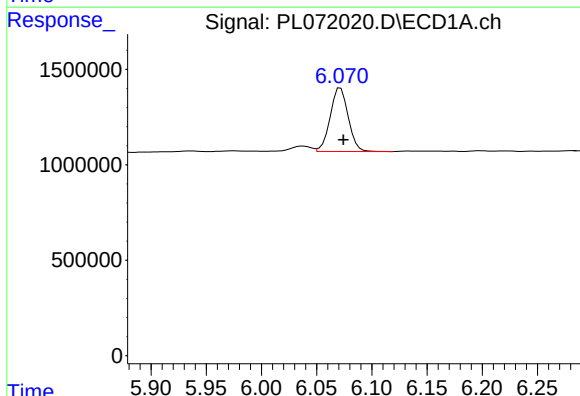
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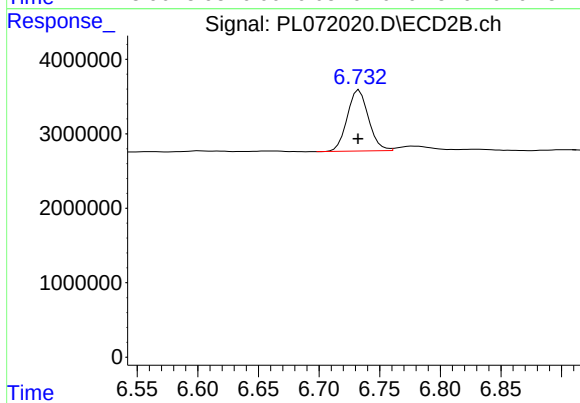
#3 gamma-BHC (Lindane)

R.T.: 6.474 min
Delta R.T.: 0.000 min
Response: 20955431
Conc: 9.31 ng/ml



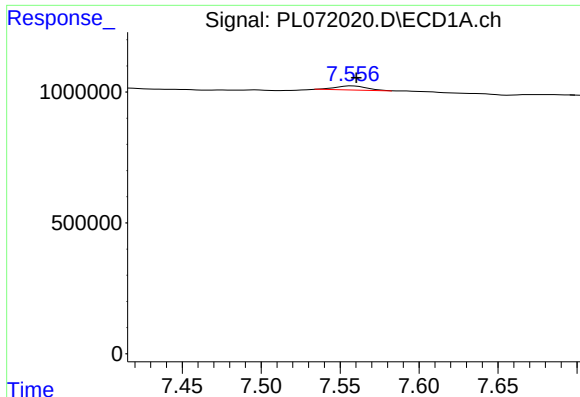
#6 beta-BHC

R.T.: 6.072 min
Delta R.T.: -0.002 min
Response: 3780242
Conc: 11.44 ng/ml



#6 beta-BHC

R.T.: 6.733 min
Delta R.T.: 0.000 min
Response: 9975862
Conc: 10.08 ng/ml



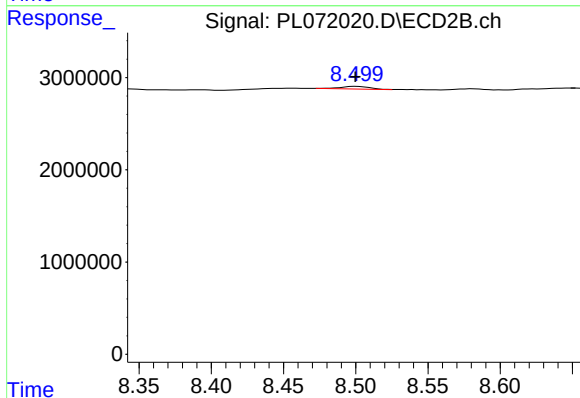
#12 4,4'-DDE

R.T.: 7.556 min
Delta R.T.: -0.004 min
Response: 215691
Conc: 0.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

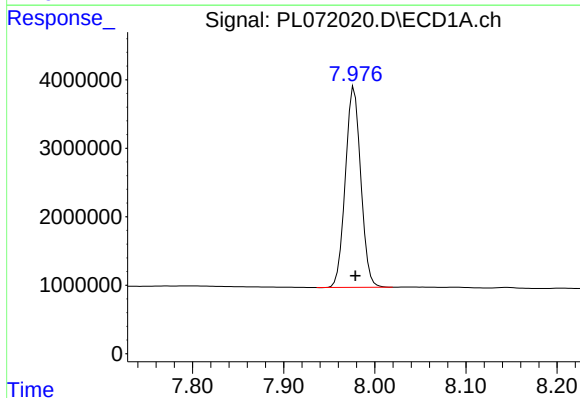
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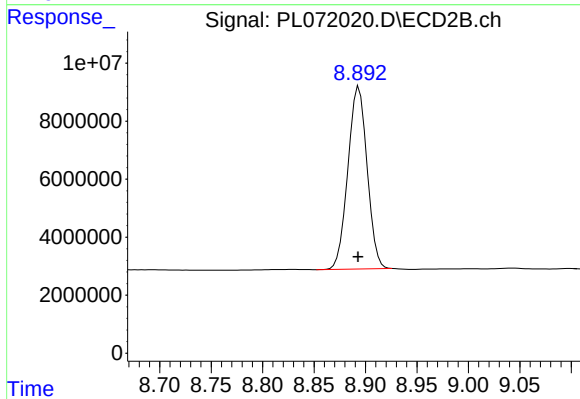
#12 4,4'-DDE

R.T.: 8.499 min
Delta R.T.: 0.000 min
Response: 401266
Conc: 0.21 ng/ml m



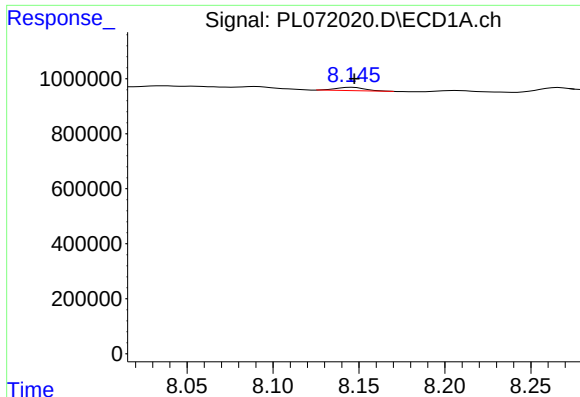
#14 Endrin

R.T.: 7.977 min
Delta R.T.: -0.001 min
Response: 34425563
Conc: 49.13 ng/ml



#14 Endrin

R.T.: 8.894 min
Delta R.T.: 0.000 min
Response: 81801642
Conc: 49.34 ng/ml



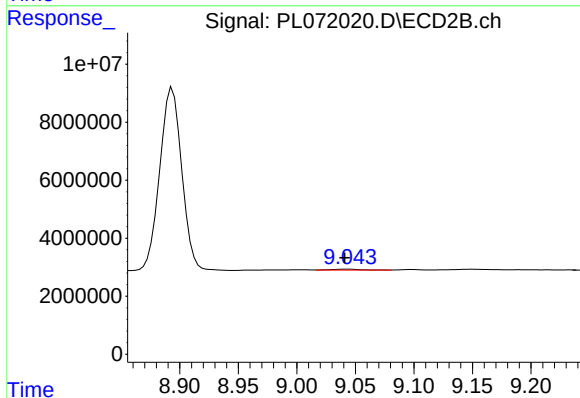
#16 4,4'-DDD

R.T.: 8.145 min
Delta R.T.: -0.002 min
Response: 139996
Conc: 0.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

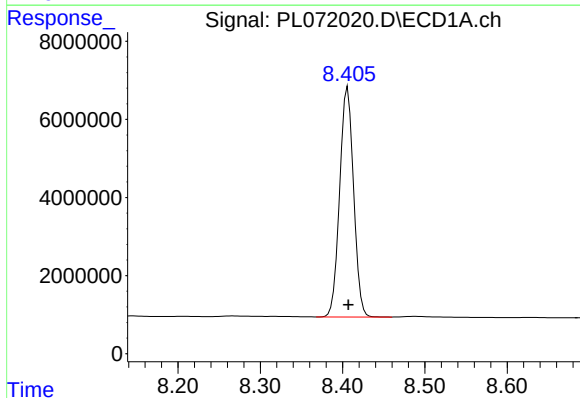
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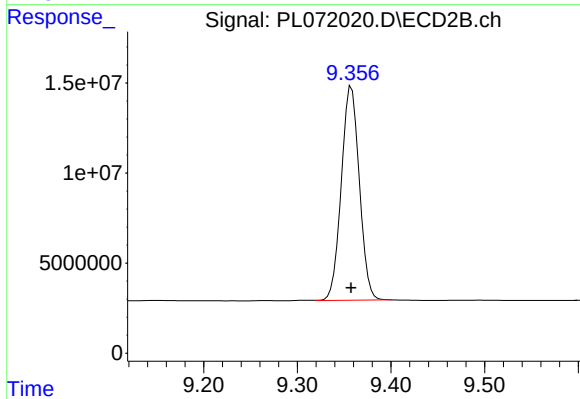
#16 4,4'-DDD

R.T.: 9.044 min
Delta R.T.: 0.004 min
Response: 538521
Conc: 0.38 ng/ml



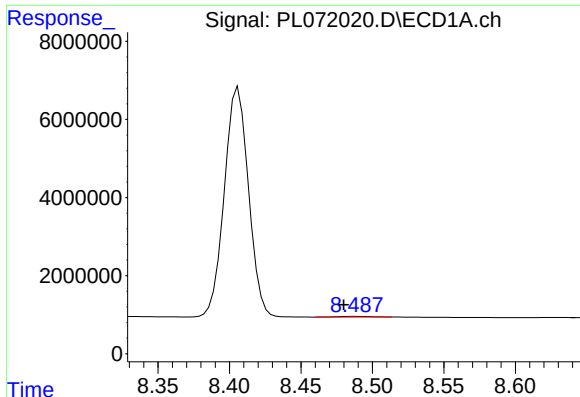
#17 4,4'-DDT

R.T.: 8.406 min
Delta R.T.: 0.000 min
Response: 69240244
Conc: 104.27 ng/ml



#17 4,4'-DDT

R.T.: 9.358 min
Delta R.T.: 0.000 min
Response: 159051234
Conc: 100.63 ng/ml



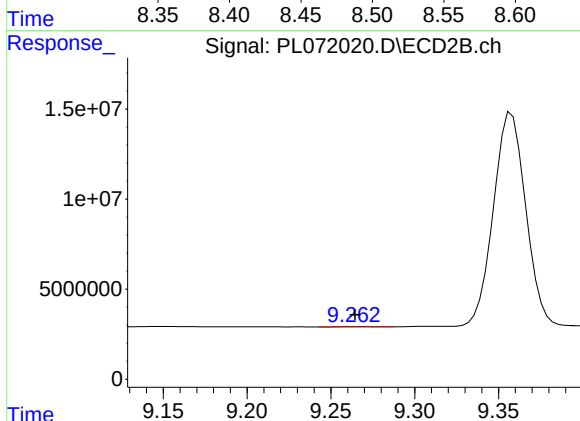
#18 Endrin aldehyde

R.T.: 8.487 min
Delta R.T.: 0.007 min
Response: 245046
Conc: 0.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

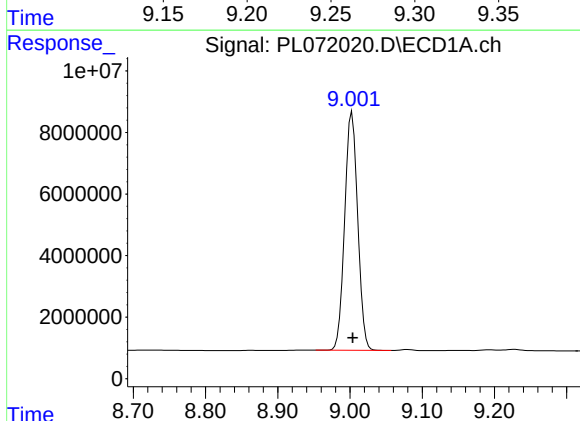
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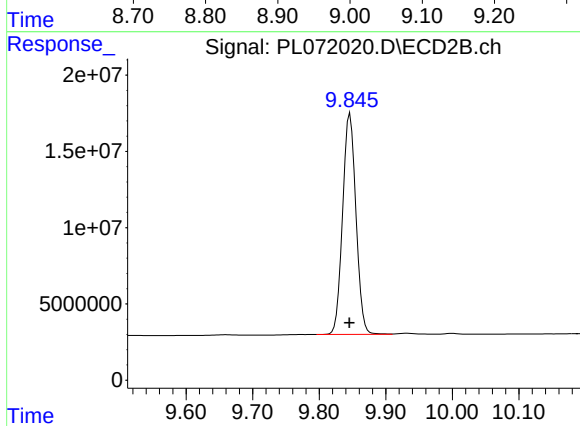
#18 Endrin aldehyde

R.T.: 9.264 min
Delta R.T.: 0.000 min
Response: 217030
Conc: 0.17 ng/ml



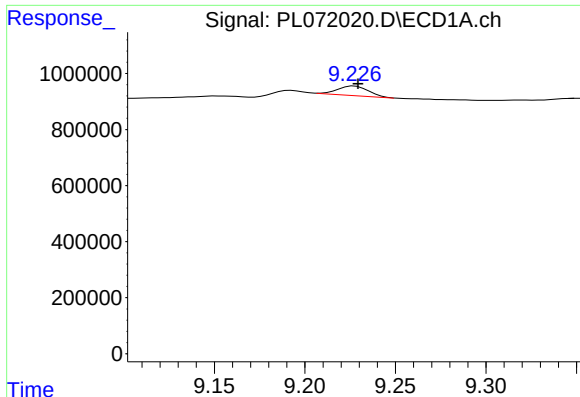
#20 Methoxychlor

R.T.: 9.003 min
Delta R.T.: -0.001 min
Response: 96340088
Conc: 228.35 ng/ml



#20 Methoxychlor

R.T.: 9.846 min
Delta R.T.: 0.000 min
Response: 201455091
Conc: 243.20 ng/ml



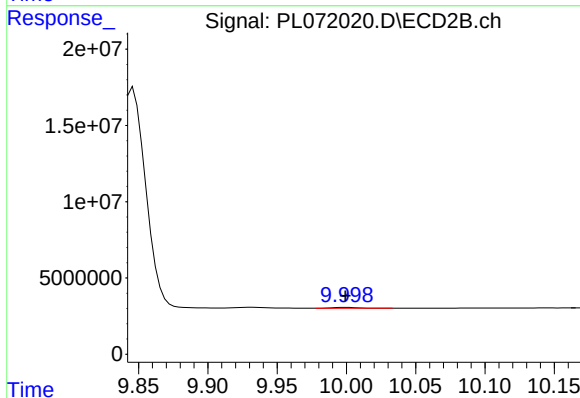
#21 Endrin ketone

R.T.: 9.226 min
Delta R.T.: -0.003 min
Response: 403430
Conc: 0.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

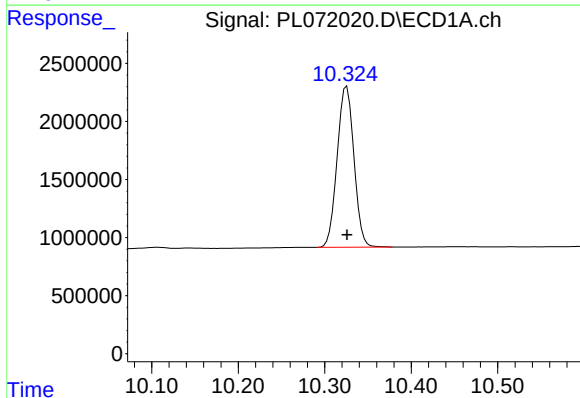
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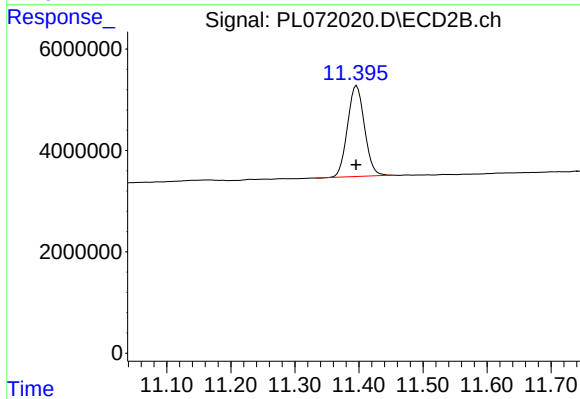
#21 Endrin ketone

R.T.: 10.000 min
Delta R.T.: 0.000 min
Response: 760898
Conc: 0.46 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.324 min
Delta R.T.: -0.002 min
Response: 18611764
Conc: 20.95 ng/ml m



#28 Decachlorobiphenyl

R.T.: 11.396 min
Delta R.T.: 0.000 min
Response: 33016334
Conc: 20.46 ng/ml