

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL020922\
 Data File : PL072564.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Feb 2022 09:09
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 02/10/2022
 Supervised By : Ankita Jodhani 02/10/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 10 01:54:37 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL020722.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 08 05:14:10 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	5.492	10381847	37388938	21.561	21.645
28)	SA Decachlor...	10.317	11.385	17033699	38548613	22.500	24.309
Target Compounds							
2)	A alpha-BHC	5.263	6.074	6634793	23851379	10.063	9.960
3)	MA gamma-BHC...	5.686	6.470	6062224	24501505	9.646	10.641
6)	B beta-BHC	6.070	6.731	3475418	12695306	14.026m	12.453
12)	B 4,4'-DDE	7.555	8.493	217576	722059	0.358m	0.386m
14)	MA Endrin	7.973	8.887	28248452	82736653	48.221	52.510
16)	A 4,4'-DDD	8.141	9.034	1821223	5747398	3.786	4.153
17)	MA 4,4'-DDT	8.402	9.352	57956899	170.8E6	107.710	111.565
18)	B Endrin al...	8.474	9.259	1230616	2734482	2.823	2.430
20)	A Methoxychlor	8.998	9.839	81950159	215.1E6	233.062	265.697
21)	B Endrin ke...	9.222	9.992	2710695	5059945	3.944	3.176

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

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Sample : PEM
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ALS Vial : 3 Sample Multiplier: 1

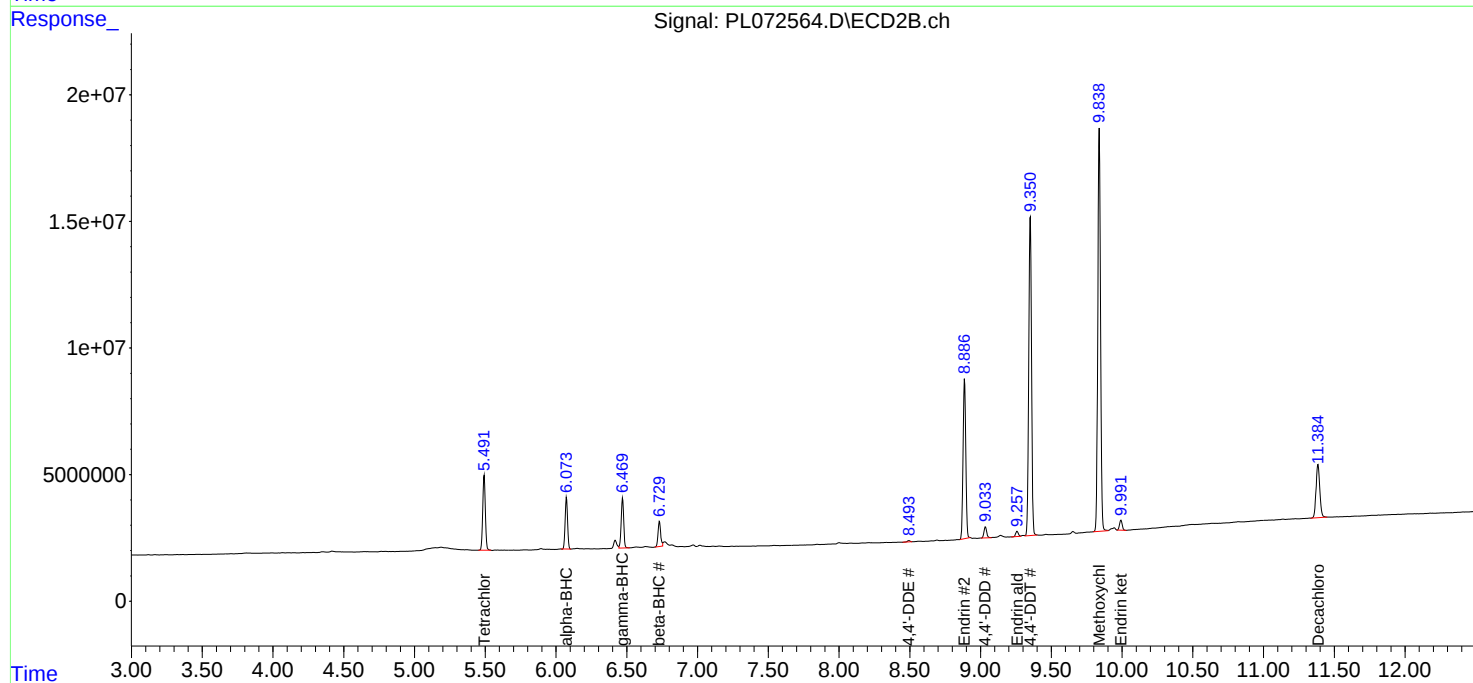
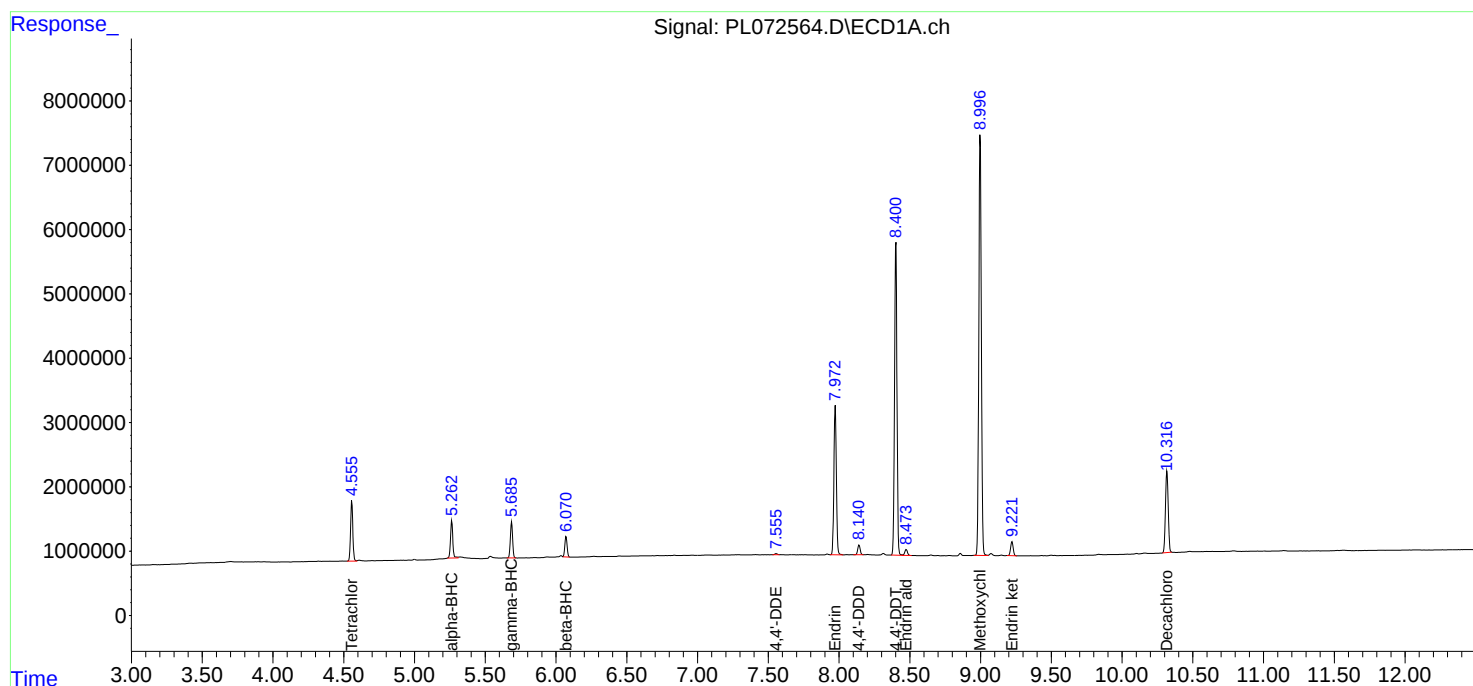
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ECD_L
ClientSampleId :
PEM

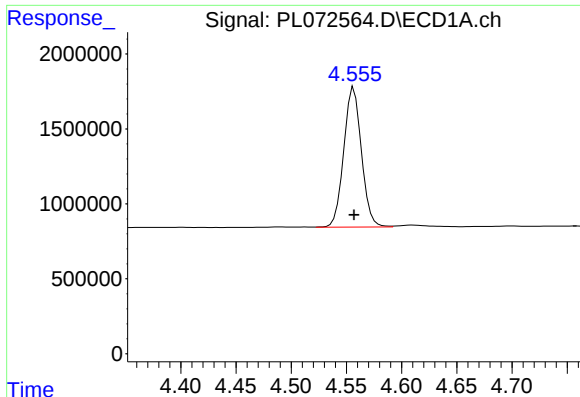
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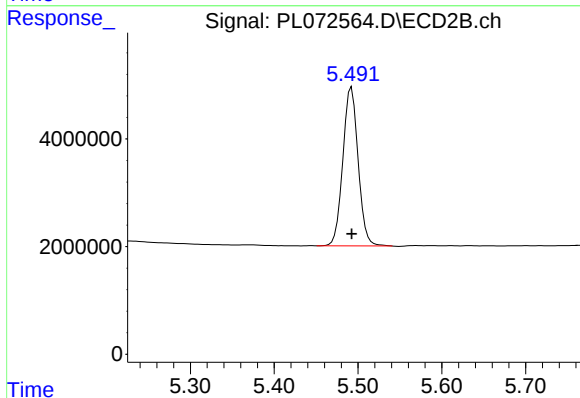
#1 Tetrachloro-m-xylene

R.T.: 4.557 min
Delta R.T.: 0.000 min
Response: 10381847
Conc: 21.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

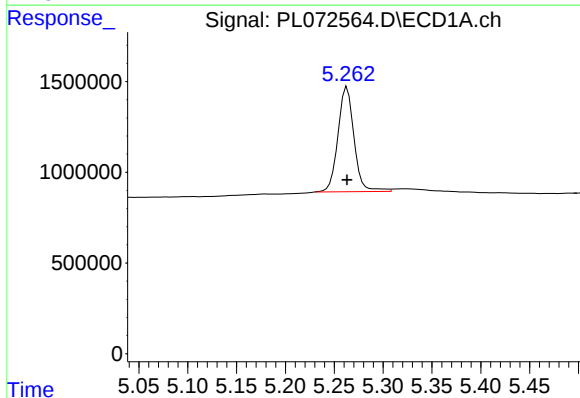
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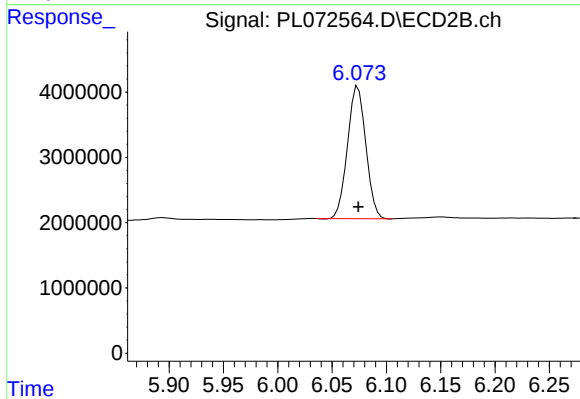
#1 Tetrachloro-m-xylene

R.T.: 5.492 min
Delta R.T.: 0.000 min
Response: 37388938
Conc: 21.64 ng/ml



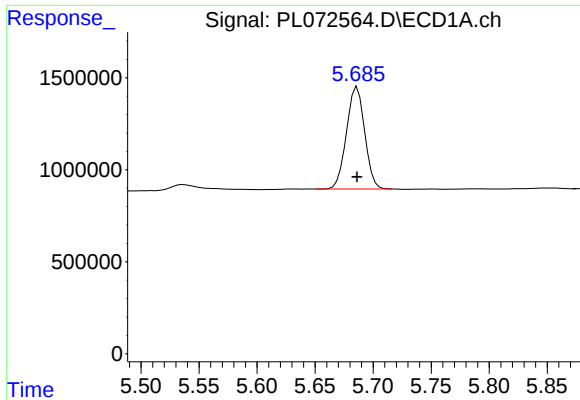
#2 alpha-BHC

R.T.: 5.263 min
Delta R.T.: 0.000 min
Response: 6634793
Conc: 10.06 ng/ml



#2 alpha-BHC

R.T.: 6.074 min
Delta R.T.: 0.000 min
Response: 23851379
Conc: 9.96 ng/ml



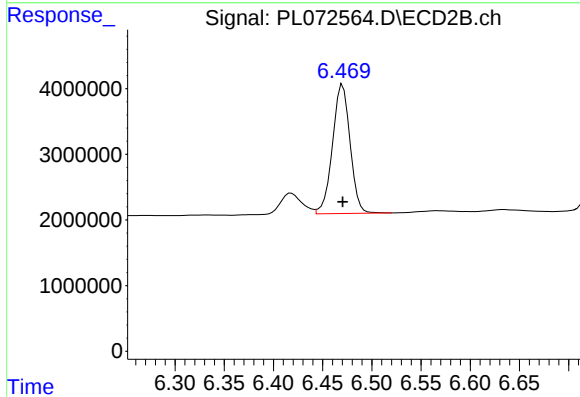
#3 gamma-BHC (Lindane)

R.T.: 5.686 min
Delta R.T.: 0.000 min
Response: 6062224
Conc: 9.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

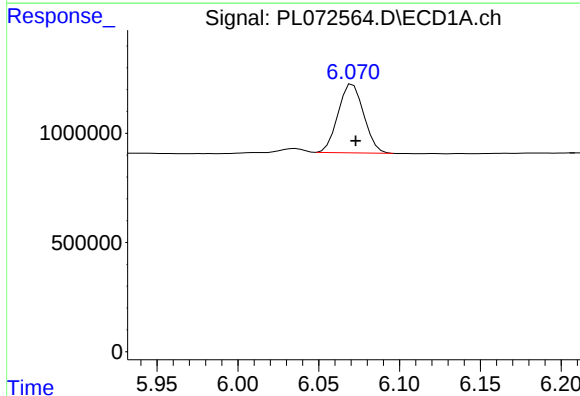
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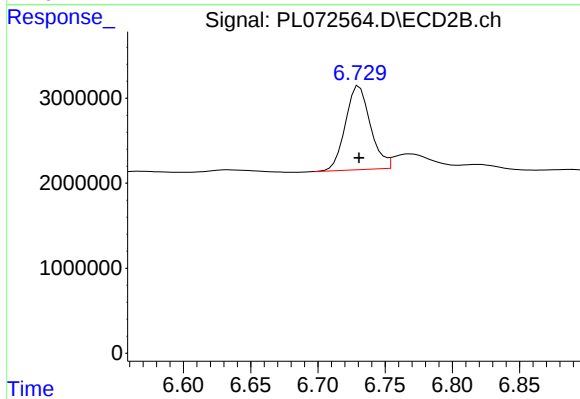
#3 gamma-BHC (Lindane)

R.T.: 6.470 min
Delta R.T.: 0.000 min
Response: 24501505
Conc: 10.64 ng/ml



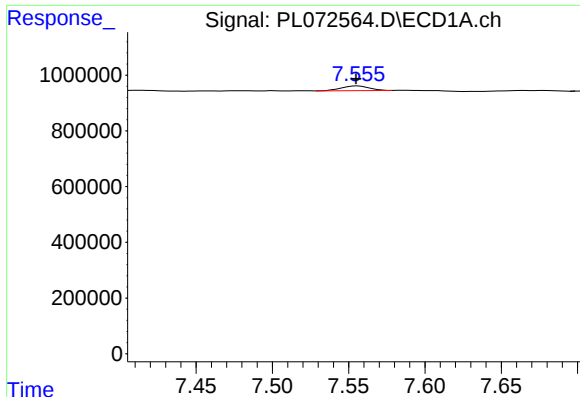
#6 beta-BHC

R.T.: 6.070 min
Delta R.T.: -0.003 min
Response: 3475418
Conc: 14.03 ng/ml m



#6 beta-BHC

R.T.: 6.731 min
Delta R.T.: 0.000 min
Response: 12695306
Conc: 12.45 ng/ml



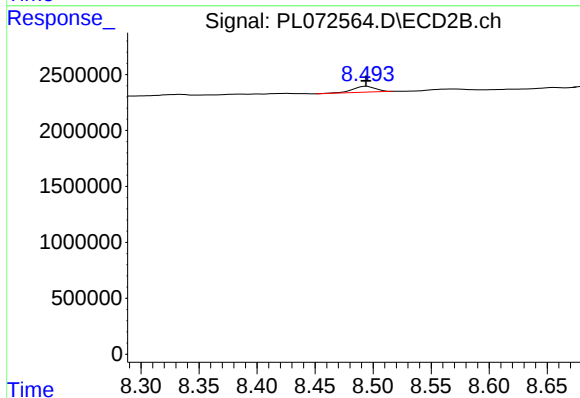
#12 4,4'-DDE

R.T.: 7.555 min
Delta R.T.: 0.000 min
Response: 217576
Conc: 0.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

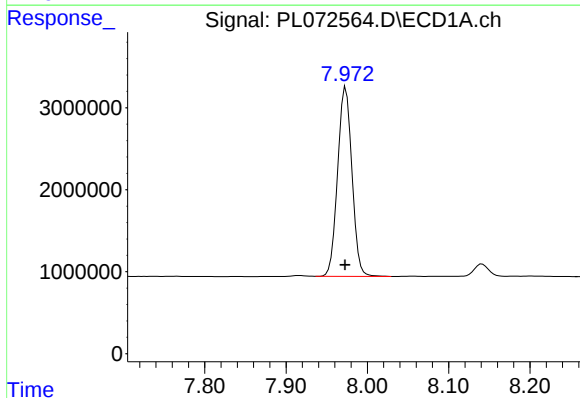
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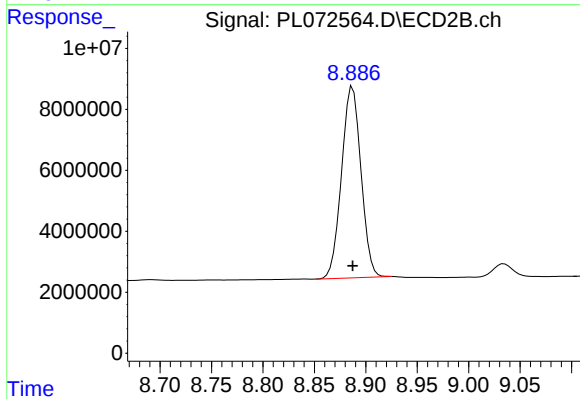
#12 4,4'-DDE

R.T.: 8.493 min
Delta R.T.: -0.001 min
Response: 722059
Conc: 0.39 ng/ml m



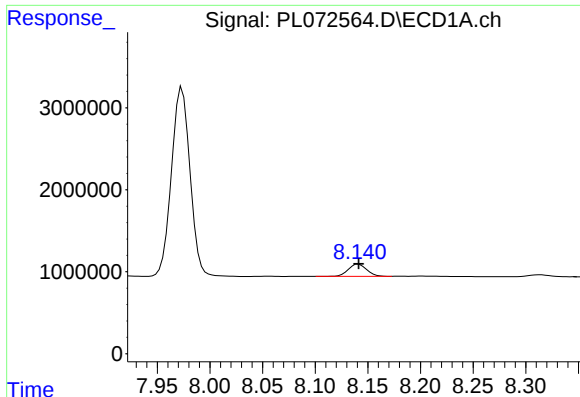
#14 Endrin

R.T.: 7.973 min
Delta R.T.: 0.000 min
Response: 28248452
Conc: 48.22 ng/ml



#14 Endrin

R.T.: 8.887 min
Delta R.T.: 0.000 min
Response: 82736653
Conc: 52.51 ng/ml



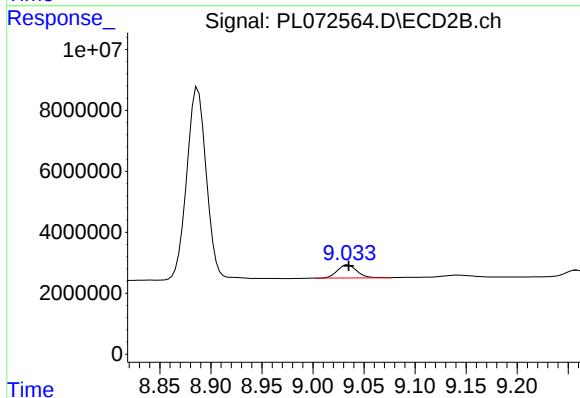
#16 4,4'-DDD

R.T.: 8.141 min
Delta R.T.: 0.000 min
Response: 1821223
Conc: 3.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

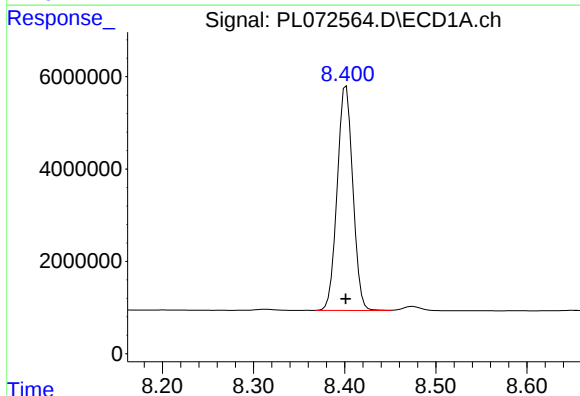
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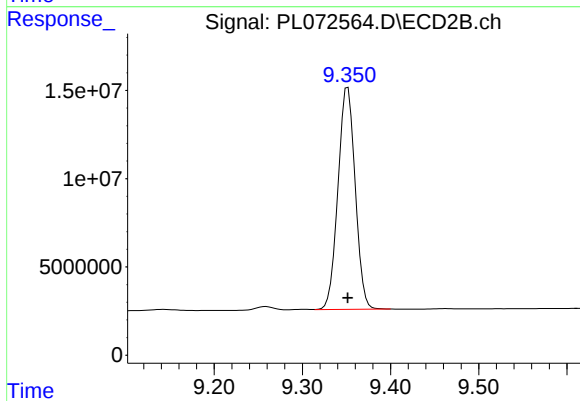
#16 4,4'-DDD

R.T.: 9.034 min
Delta R.T.: 0.000 min
Response: 5747398
Conc: 4.15 ng/ml



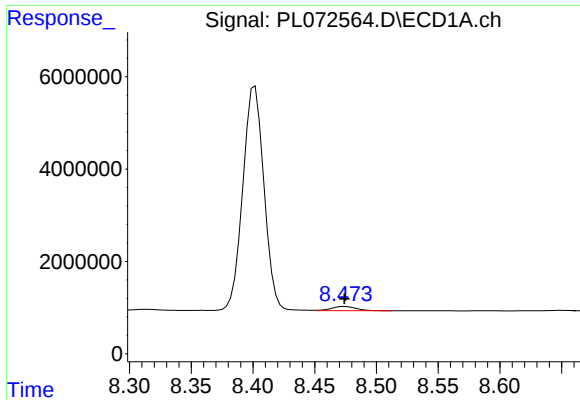
#17 4,4'-DDT

R.T.: 8.402 min
Delta R.T.: 0.000 min
Response: 57956899
Conc: 107.71 ng/ml



#17 4,4'-DDT

R.T.: 9.352 min
Delta R.T.: 0.000 min
Response: 170788792
Conc: 111.56 ng/ml



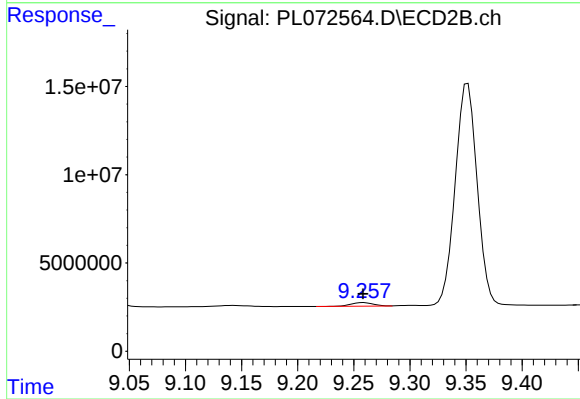
#18 Endrin aldehyde

R.T.: 8.474 min
Delta R.T.: 0.000 min
Response: 1230616
Conc: 2.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

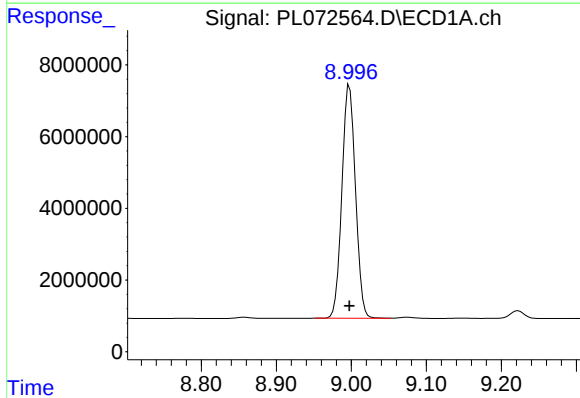
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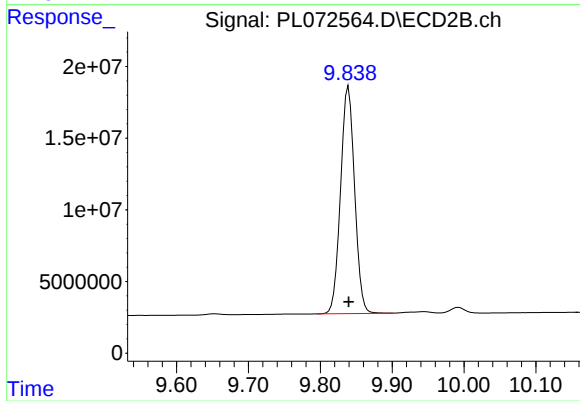
#18 Endrin aldehyde

R.T.: 9.259 min
Delta R.T.: 0.000 min
Response: 2734482
Conc: 2.43 ng/ml



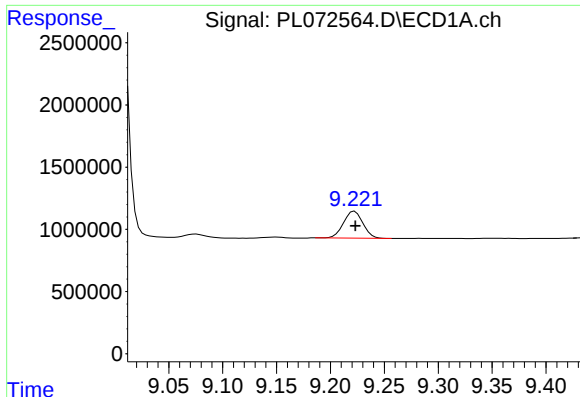
#20 Methoxychlor

R.T.: 8.998 min
Delta R.T.: 0.000 min
Response: 81950159
Conc: 233.06 ng/ml



#20 Methoxychlor

R.T.: 9.839 min
Delta R.T.: 0.000 min
Response: 215122614
Conc: 265.70 ng/ml



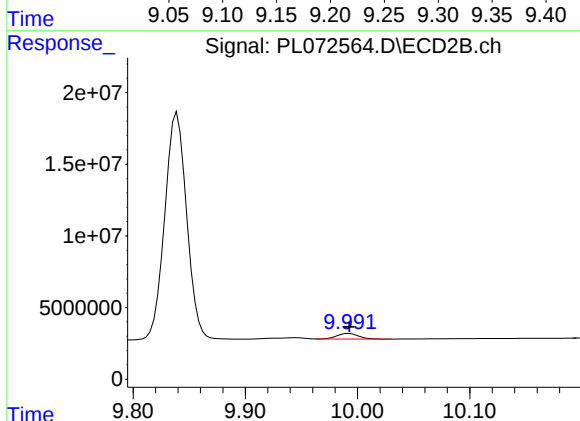
#21 Endrin ketone

R.T.: 9.222 min
Delta R.T.: 0.000 min
Response: 2710695
Conc: 3.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

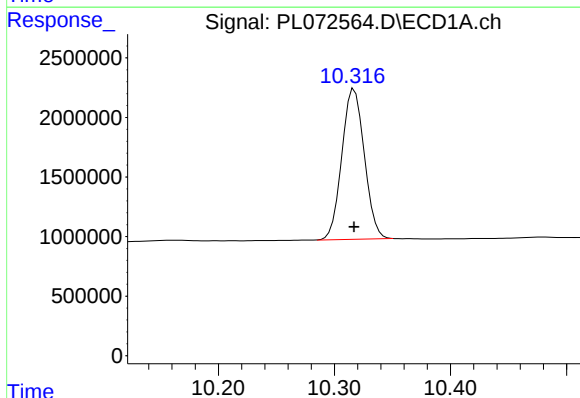
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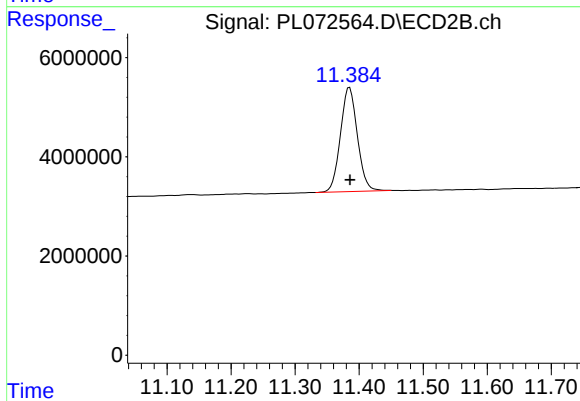
#21 Endrin ketone

R.T.: 9.992 min
Delta R.T.: 0.000 min
Response: 5059945
Conc: 3.18 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.317 min
Delta R.T.: 0.000 min
Response: 17033699
Conc: 22.50 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.385 min
Delta R.T.: 0.000 min
Response: 38548613
Conc: 24.31 ng/ml