

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021822\
 Data File : PL072806.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Feb 2022 17:06
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 02/21/2022
 Supervised By : Ankita Jodhani 02/21/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 20 21:36:24 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...	4.553	5.489	10697002	38801456	22.216	22.463
28)	SA Decachlor...	10.315	11.382	18484004	40480659	24.416	25.527
Target Compounds							
2)	A alpha-BHC	5.259	6.071	6587252	25043842	9.991	10.458
3)	MA gamma-BHC...	5.683	6.467	6534010	24263018	10.396	10.538
6)	B beta-BHC	6.066	6.728	3663184	13153518	14.783m	12.903
12)	B 4,4'-DDE	7.551	8.491	236597	763671	0.389	0.409
14)	MA Endrin	7.969	8.884	33176505	89812269	56.634	57.000
16)	A 4,4'-DDD	8.138	9.032	1967087	6055698	4.089	4.376
17)	MA 4,4'-DDT	8.398	9.349	67462235	178.7E6	125.375	116.730
18)	B Endrin al...	8.472	9.255	974792	1984469	2.236	1.763m
20)	A Methoxychlor	8.995	9.837	92498763	223.2E6	263.062	275.618
21)	B Endrin ke...	9.219	9.990	2514239	5213240	3.658	3.272

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

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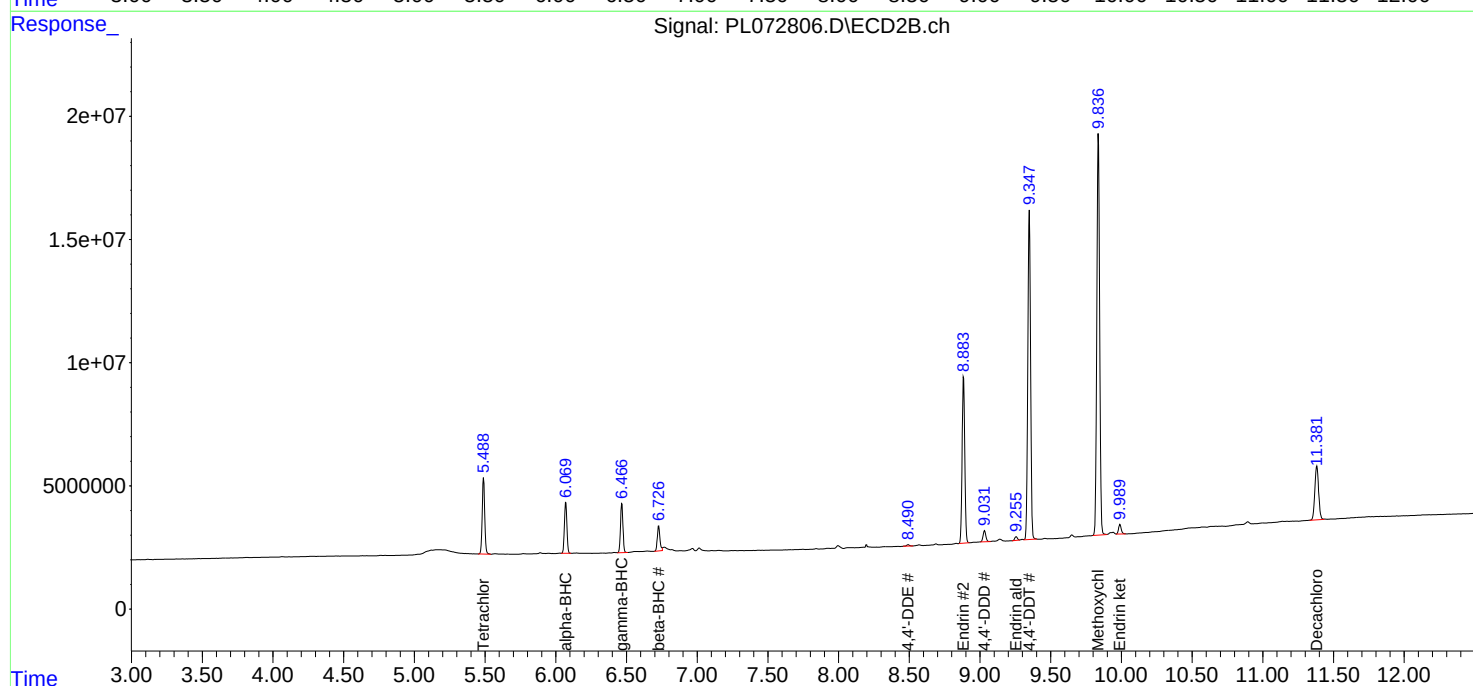
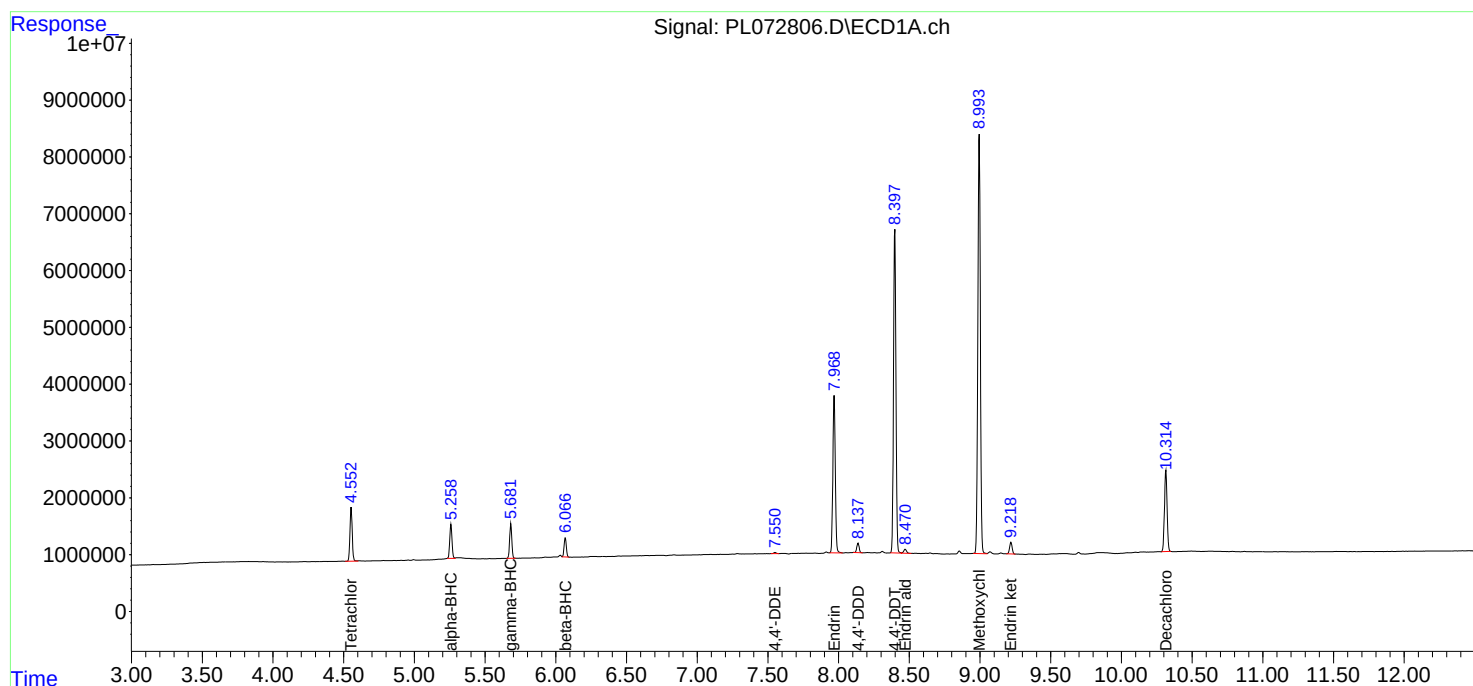
Instrument :
ECD_L
ClientSampleId :
PEM

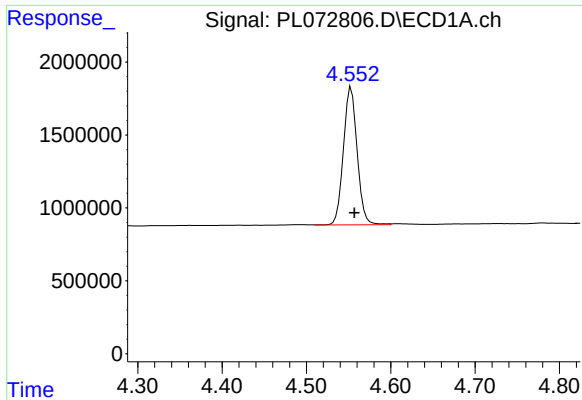
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Integration File signal 1: autoint1.e
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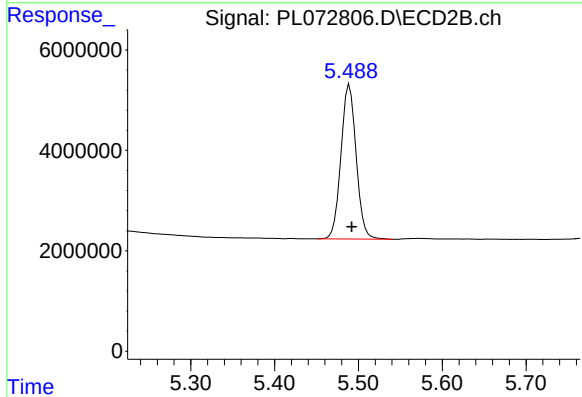
#1 Tetrachloro-m-xylene

R.T.: 4.553 min
Delta R.T.: -0.004 min
Response: 10697002
Conc: 22.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

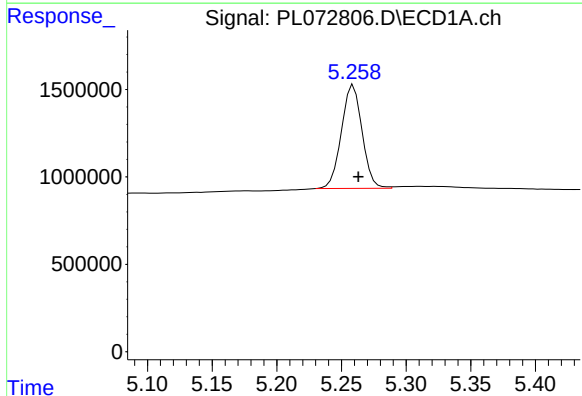
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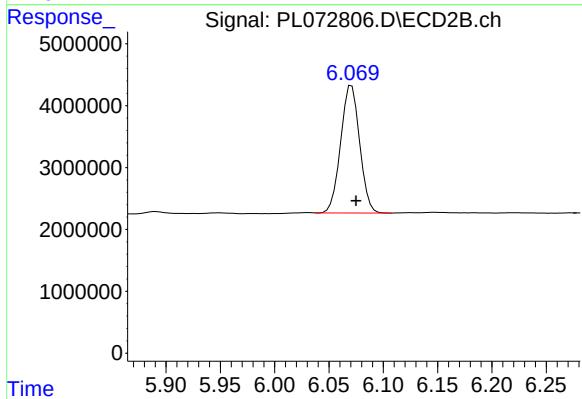
#1 Tetrachloro-m-xylene

R.T.: 5.489 min
Delta R.T.: -0.003 min
Response: 38801456
Conc: 22.46 ng/ml



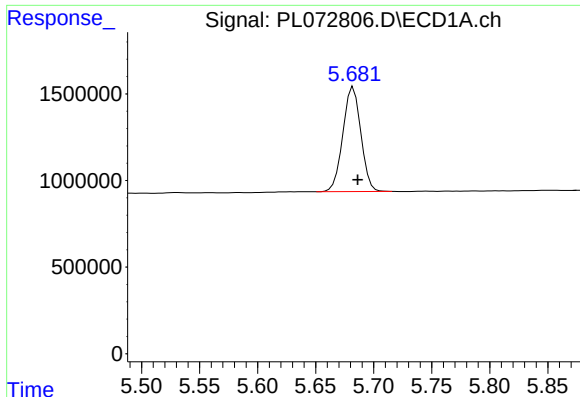
#2 alpha-BHC

R.T.: 5.259 min
Delta R.T.: -0.004 min
Response: 6587252
Conc: 9.99 ng/ml



#2 alpha-BHC

R.T.: 6.071 min
Delta R.T.: -0.004 min
Response: 25043842
Conc: 10.46 ng/ml



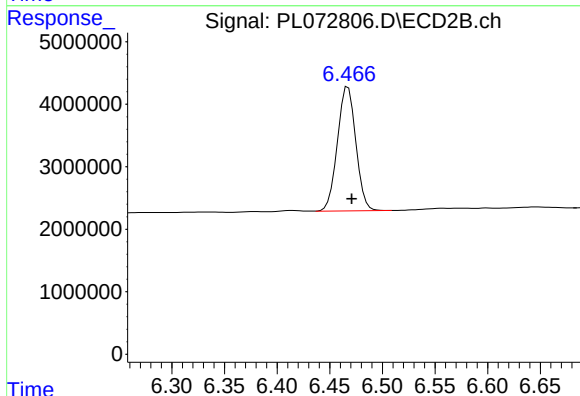
#3 gamma-BHC (Lindane)

R.T.: 5.683 min
Delta R.T.: -0.004 min
Response: 6534010
Conc: 10.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

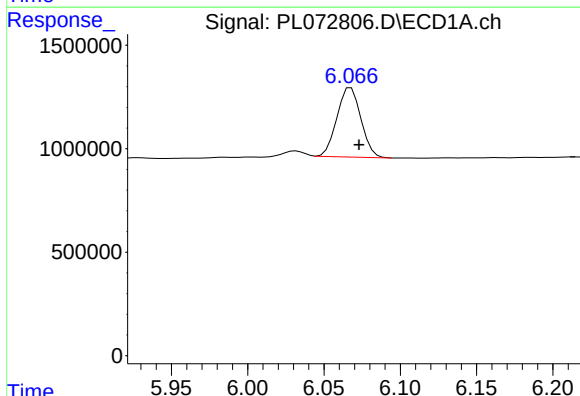
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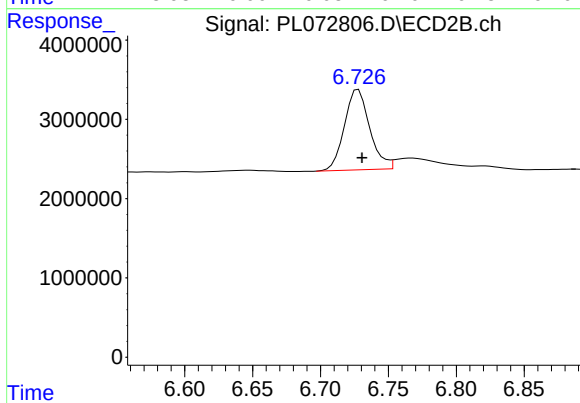
#3 gamma-BHC (Lindane)

R.T.: 6.467 min
Delta R.T.: -0.004 min
Response: 24263018
Conc: 10.54 ng/ml



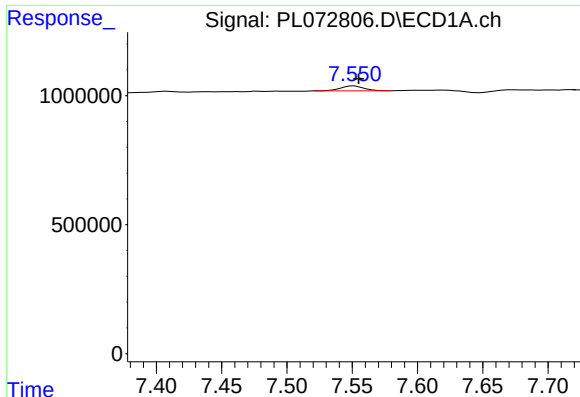
#6 beta-BHC

R.T.: 6.066 min
Delta R.T.: -0.007 min
Response: 3663184
Conc: 14.78 ng/ml m



#6 beta-BHC

R.T.: 6.728 min
Delta R.T.: -0.003 min
Response: 13153518
Conc: 12.90 ng/ml



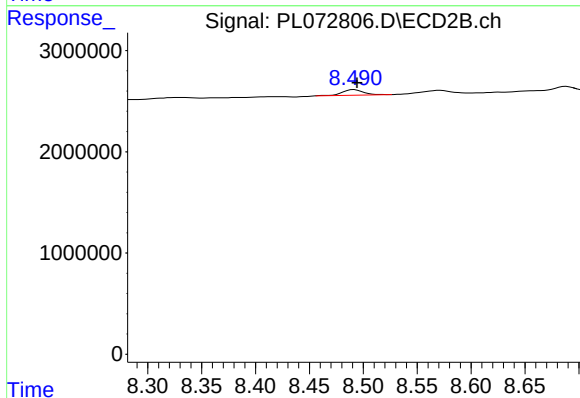
#12 4,4'-DDE

R.T.: 7.551 min
Delta R.T.: -0.004 min
Response: 236597
Conc: 0.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

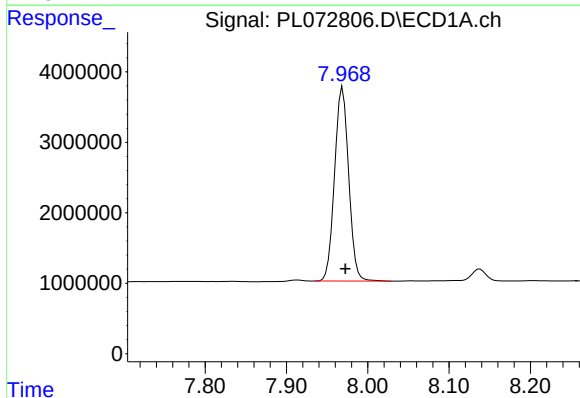
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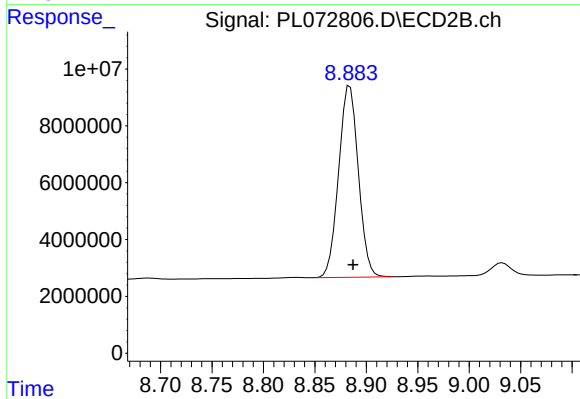
#12 4,4'-DDE

R.T.: 8.491 min
Delta R.T.: -0.003 min
Response: 763671
Conc: 0.41 ng/ml



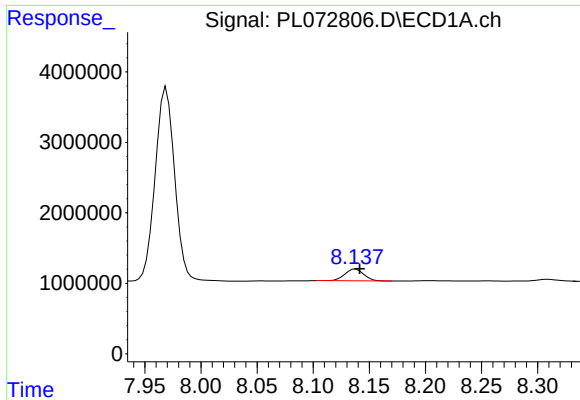
#14 Endrin

R.T.: 7.969 min
Delta R.T.: -0.004 min
Response: 33176505
Conc: 56.63 ng/ml



#14 Endrin

R.T.: 8.884 min
Delta R.T.: -0.003 min
Response: 89812269
Conc: 57.00 ng/ml



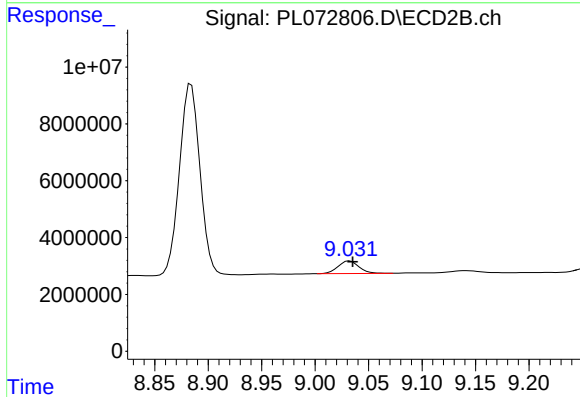
#16 4,4'-DDD

R.T.: 8.138 min
Delta R.T.: -0.004 min
Response: 1967087
Conc: 4.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

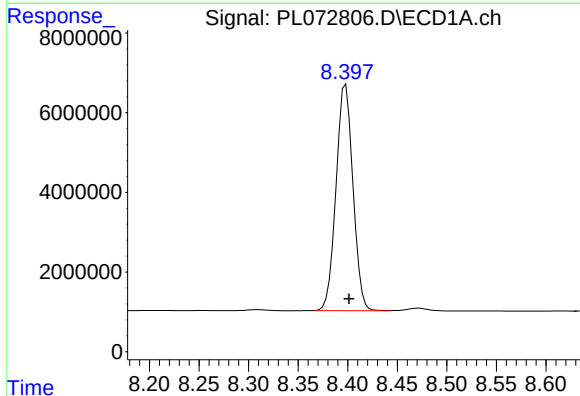
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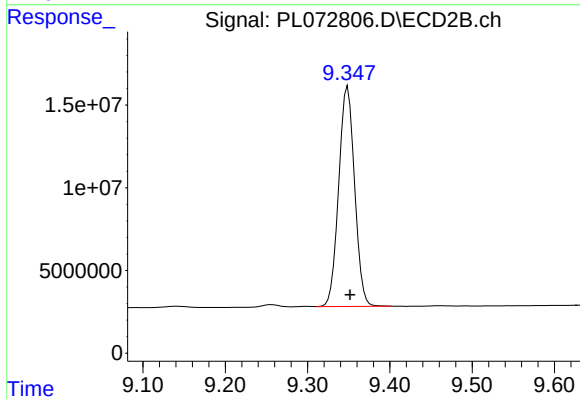
#16 4,4'-DDD

R.T.: 9.032 min
Delta R.T.: -0.003 min
Response: 6055698
Conc: 4.38 ng/ml



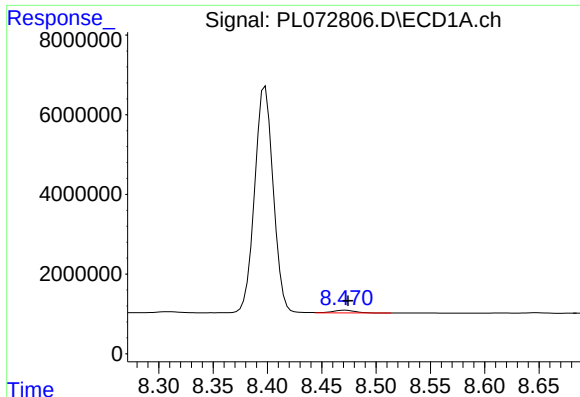
#17 4,4'-DDT

R.T.: 8.398 min
Delta R.T.: -0.003 min
Response: 67462235
Conc: 125.38 ng/ml



#17 4,4'-DDT

R.T.: 9.349 min
Delta R.T.: -0.003 min
Response: 178696303
Conc: 116.73 ng/ml



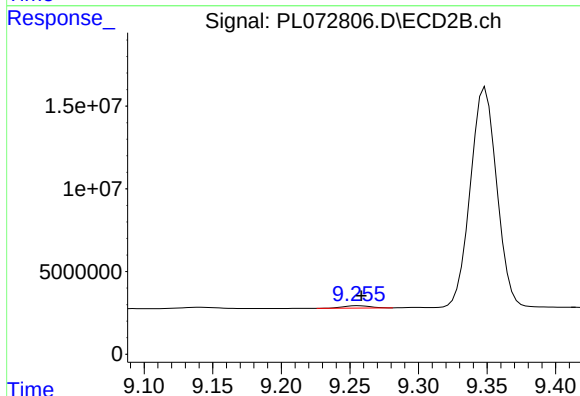
#18 Endrin aldehyde

R.T.: 8.472 min
Delta R.T.: -0.003 min
Response: 974792
Conc: 2.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

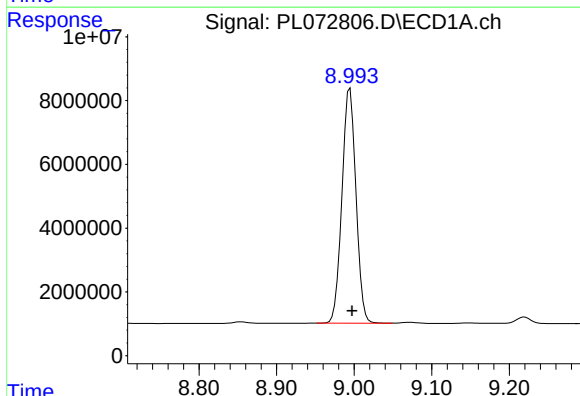
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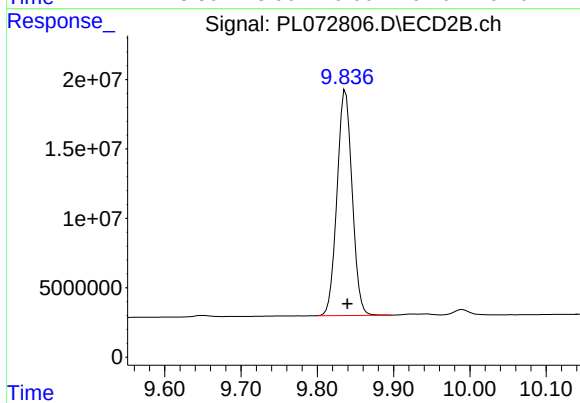
#18 Endrin aldehyde

R.T.: 9.255 min
Delta R.T.: -0.004 min
Response: 1984469
Conc: 1.76 ng/ml m



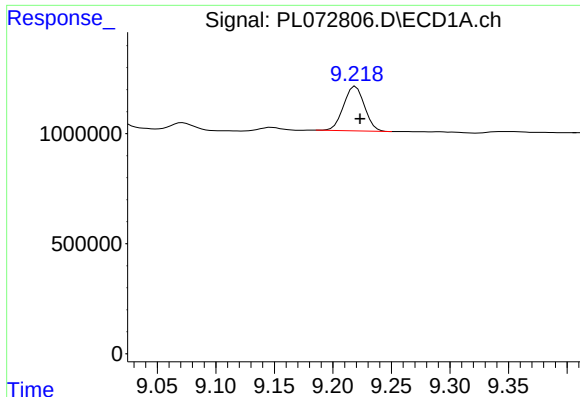
#20 Methoxychlor

R.T.: 8.995 min
Delta R.T.: -0.003 min
Response: 92498763
Conc: 263.06 ng/ml



#20 Methoxychlor

R.T.: 9.837 min
Delta R.T.: -0.002 min
Response: 223155426
Conc: 275.62 ng/ml



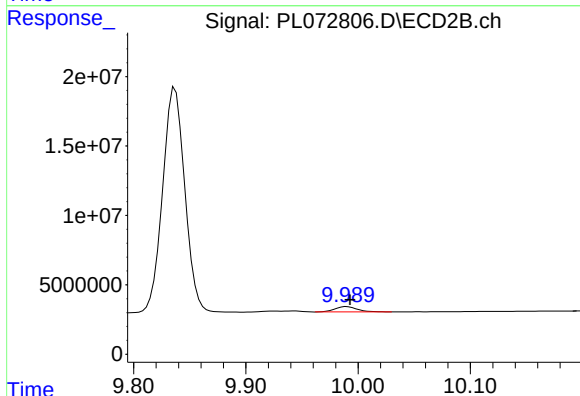
#21 Endrin ketone

R.T.: 9.219 min
Delta R.T.: -0.004 min
Response: 2514239
Conc: 3.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

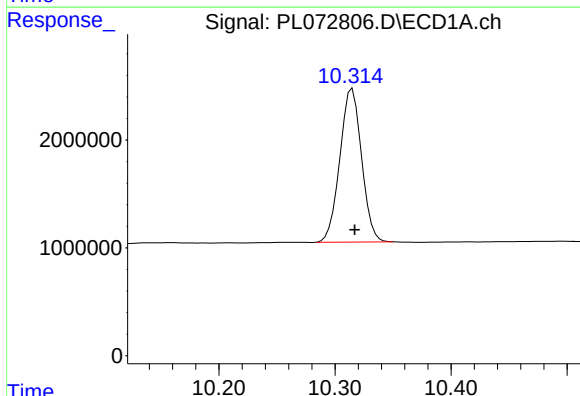
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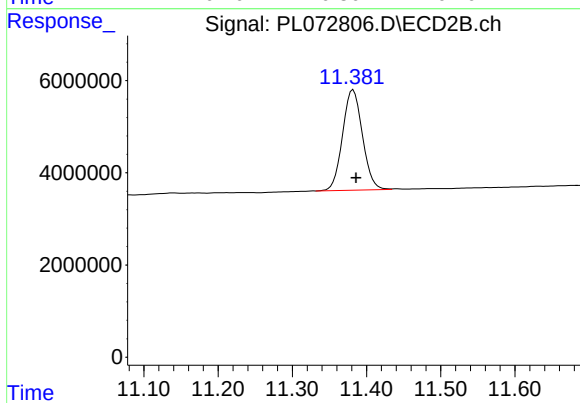
#21 Endrin ketone

R.T.: 9.990 min
Delta R.T.: -0.003 min
Response: 5213240
Conc: 3.27 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.315 min
Delta R.T.: -0.002 min
Response: 18484004
Conc: 24.42 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.382 min
Delta R.T.: -0.004 min
Response: 40480659
Conc: 25.53 ng/ml