

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL102621\
 Data File : PL070602.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Oct 2021 20:19
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
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 10/28/2021 11:47:59 AM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 28 04:14:33 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102621.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 27 07:49:52 2021
 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...	4.622	5.560	10427211	31872794	20.705	20.825
28)	SA Decachlor...	10.387	11.482	13208897	24757712	17.472	17.162
Target Compounds							
2)	A alpha-BHC	5.328	6.141	5923376	20716463	8.531	8.866
3)	MA gamma-BHC...	5.751	6.537	6283065	19065321	8.953	8.726
6)	B beta-BHC	6.132	6.792	3996004	10701703	11.402	10.153
12)	B 4,4'-DDE	7.620	8.561	170607	323111	0.263m	0.164m#
14)	MA Endrin	8.042	8.960	30539421	59720881	47.205	36.774
16)	A 4,4'-DDD	8.207	9.103	1773614	4145557	3.117	2.710
17)	MA 4,4'-DDT	8.468	9.421	47864604	102.5E6	74.949	59.316
18)	B Endrin al...	8.542	9.327	334661	405073	0.656m	0.324m#
20)	A Methoxychlor	9.063	9.907	66992274	134.0E6	165.277	135.798
21)	B Endrin ke...	9.288	10.065	1193607	2878376	1.446m	1.661

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

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Sample : PEM
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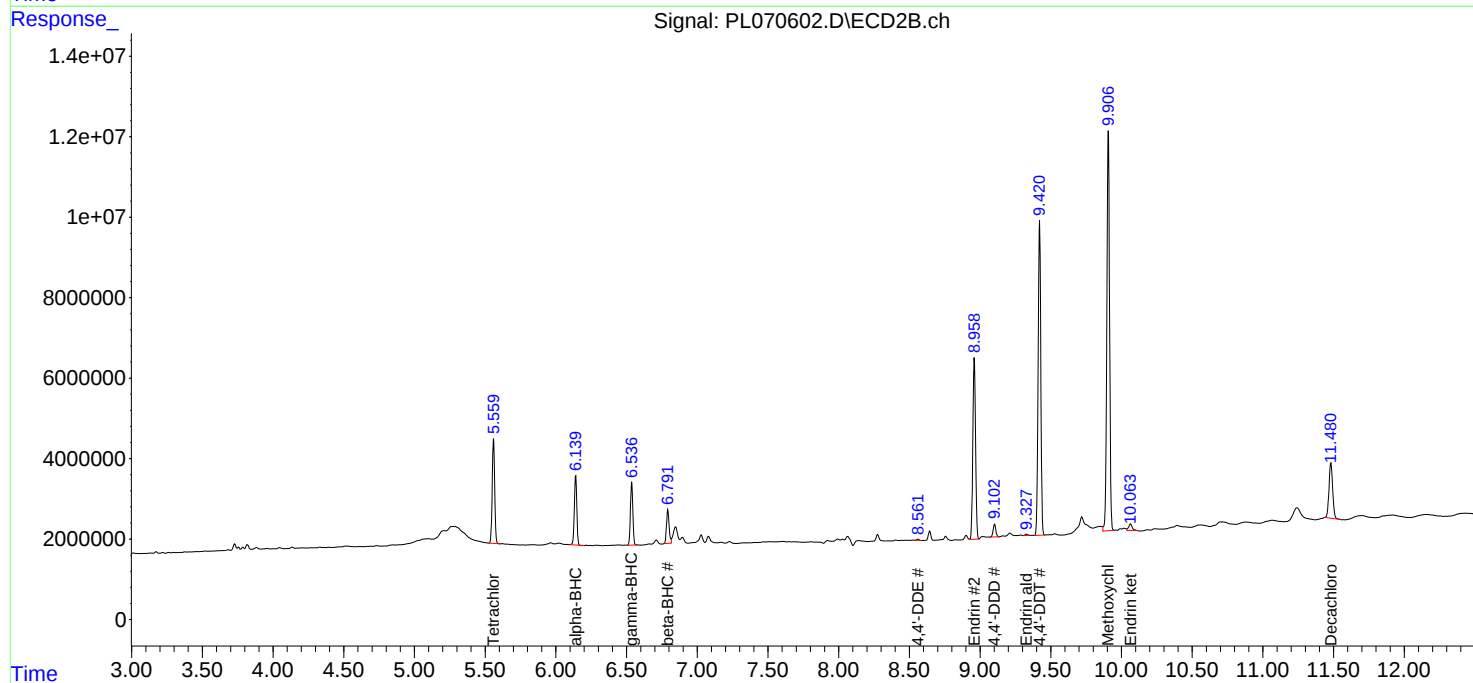
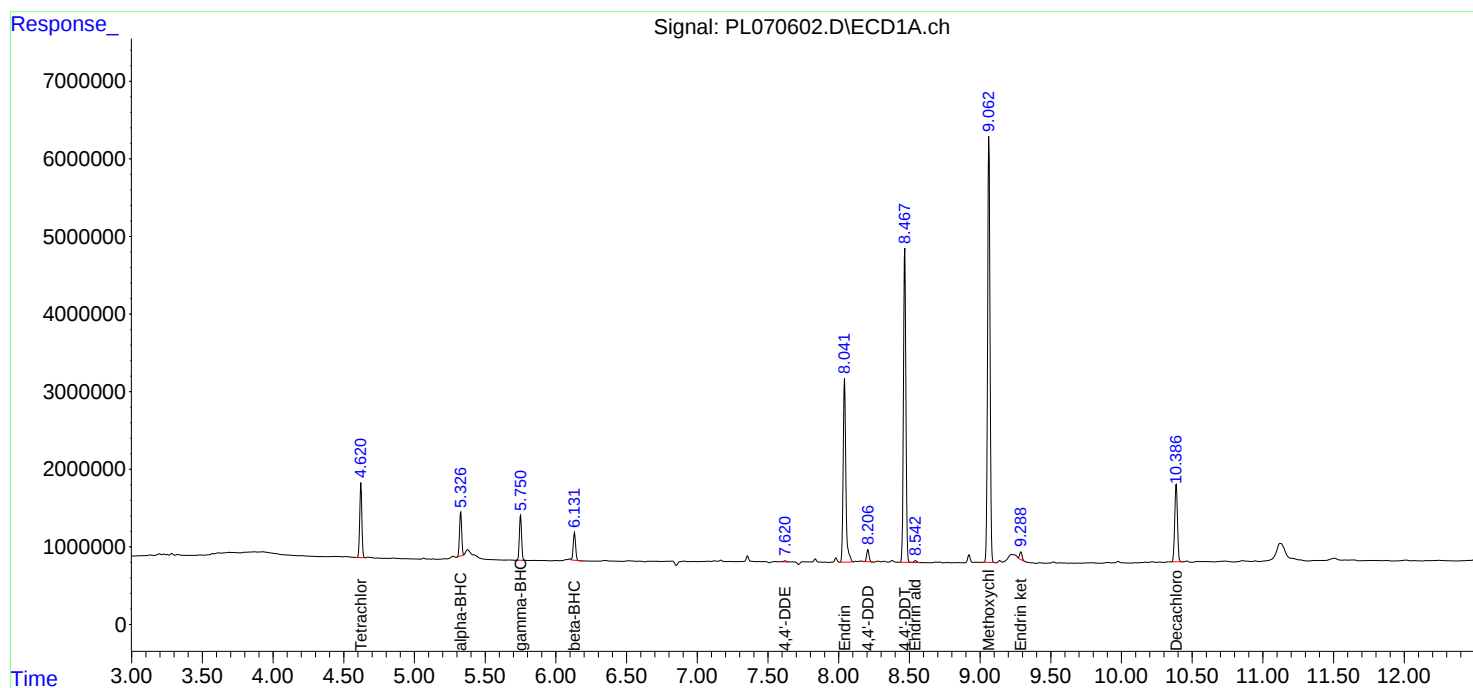
Instrument :
ECD_L
ClientSampled :
PEM

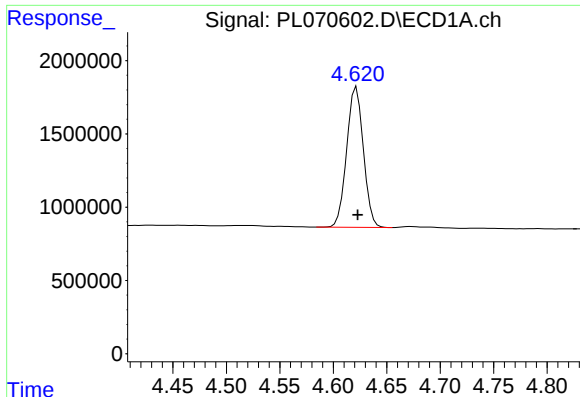
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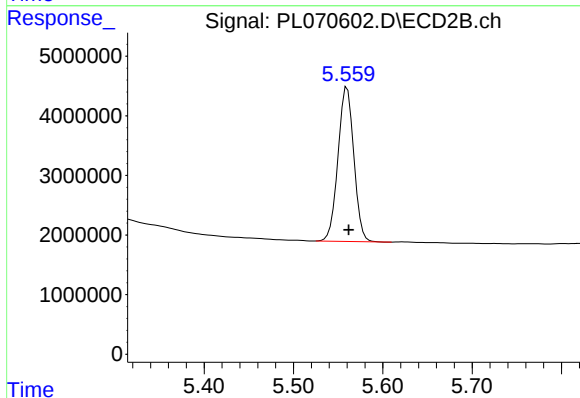
#1 Tetrachloro-m-xylene

R.T.: 4.622 min
Delta R.T.: -0.001 min
Response: 10427211
Conc: 20.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

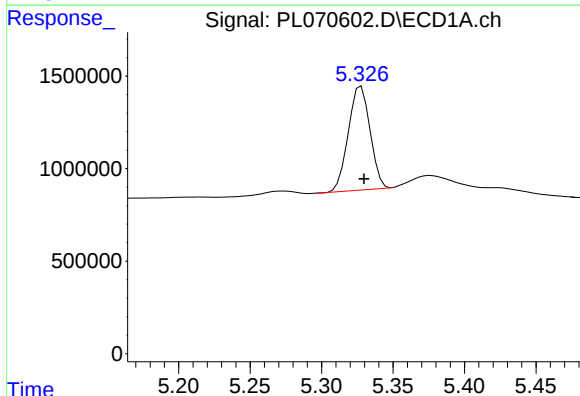
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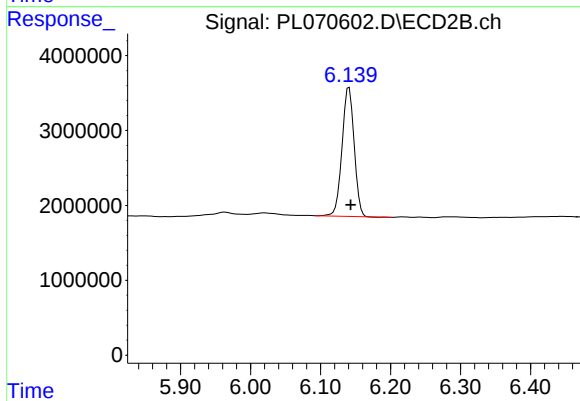
#1 Tetrachloro-m-xylene

R.T.: 5.560 min
Delta R.T.: -0.002 min
Response: 31872794
Conc: 20.83 ng/ml



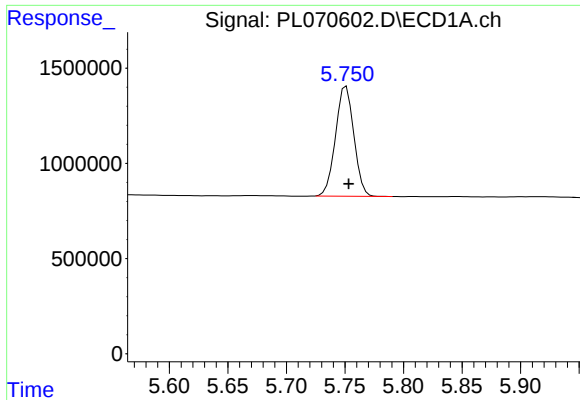
#2 alpha-BHC

R.T.: 5.328 min
Delta R.T.: -0.002 min
Response: 5923376
Conc: 8.53 ng/ml



#2 alpha-BHC

R.T.: 6.141 min
Delta R.T.: -0.002 min
Response: 20716463
Conc: 8.87 ng/ml



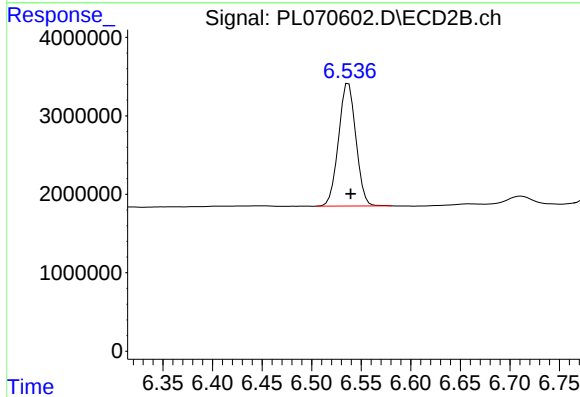
#3 gamma-BHC (Lindane)

R.T.: 5.751 min
Delta R.T.: -0.002 min
Response: 6283065
Conc: 8.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

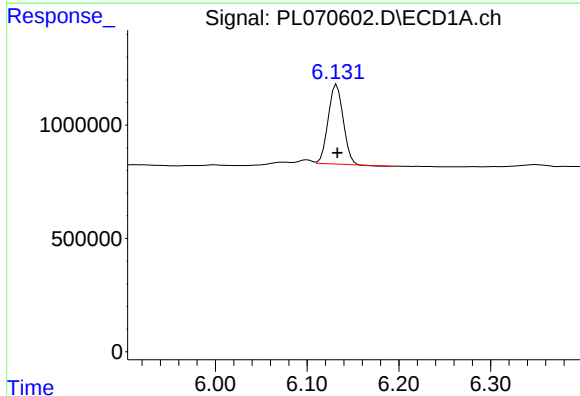
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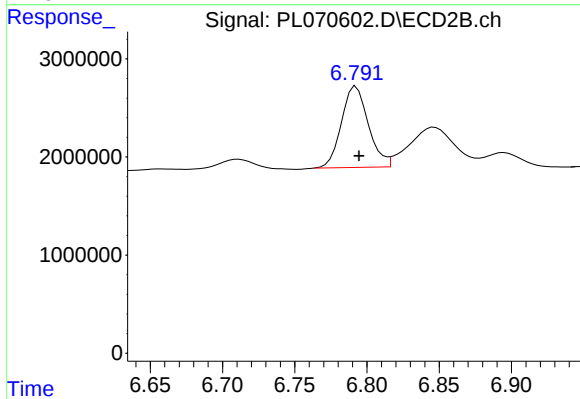
#3 gamma-BHC (Lindane)

R.T.: 6.537 min
Delta R.T.: -0.002 min
Response: 19065321
Conc: 8.73 ng/ml



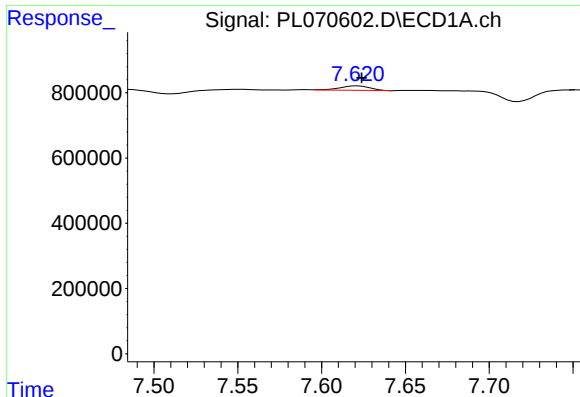
#6 beta-BHC

R.T.: 6.132 min
Delta R.T.: -0.001 min
Response: 3996004
Conc: 11.40 ng/ml



#6 beta-BHC

R.T.: 6.792 min
Delta R.T.: -0.002 min
Response: 10701703
Conc: 10.15 ng/ml



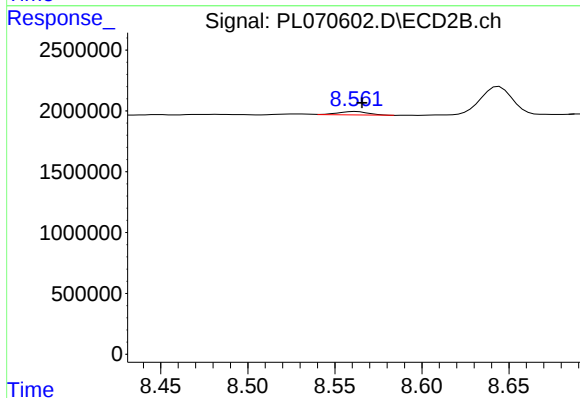
#12 4,4'-DDE

R.T.: 7.620 min
Delta R.T.: -0.004 min
Response: 170607
Conc: 0.26 ng/ml m

Instrument :
ECD_L
ClientSampleId :
PEM

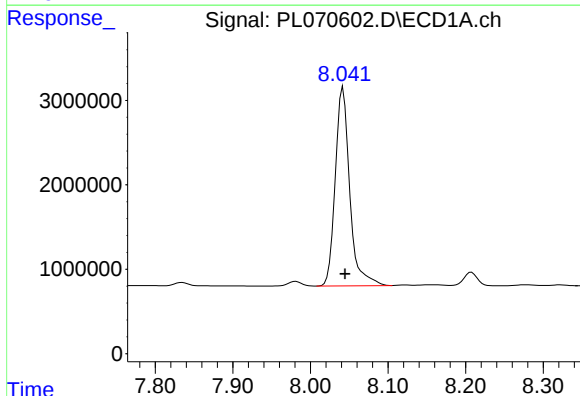
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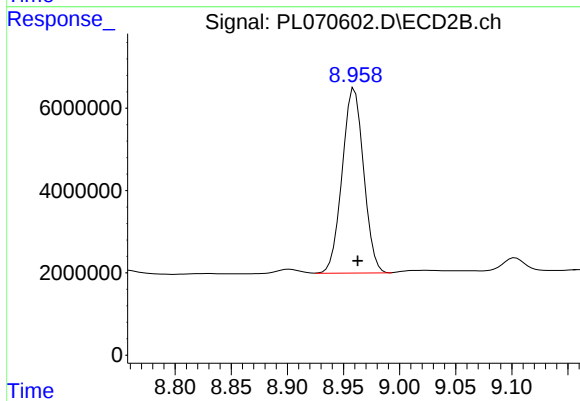
#12 4,4'-DDE

R.T.: 8.561 min
Delta R.T.: -0.005 min
Response: 323111
Conc: 0.16 ng/ml m



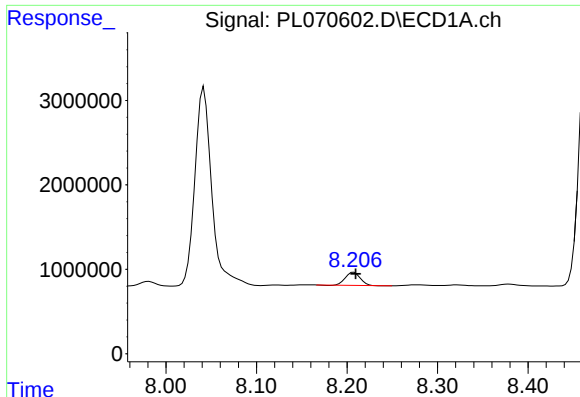
#14 Endrin

R.T.: 8.042 min
Delta R.T.: -0.003 min
Response: 30539421
Conc: 47.20 ng/ml



#14 Endrin

R.T.: 8.960 min
Delta R.T.: -0.003 min
Response: 59720881
Conc: 36.77 ng/ml



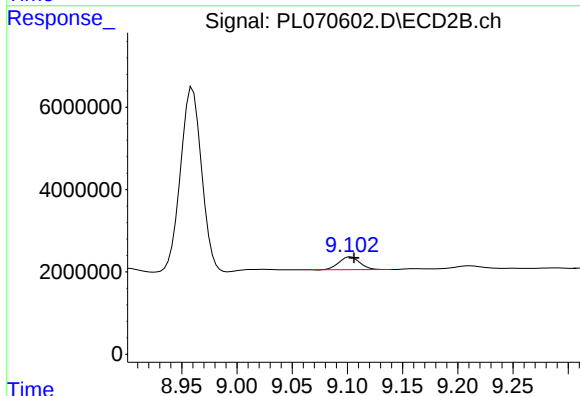
#16 4,4'-DDD

R.T.: 8.207 min
Delta R.T.: -0.002 min
Response: 1773614
Conc: 3.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

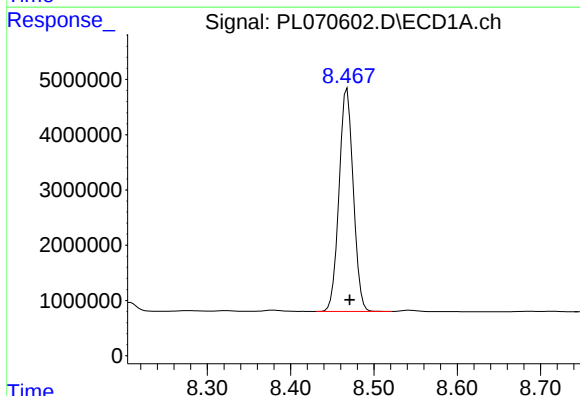
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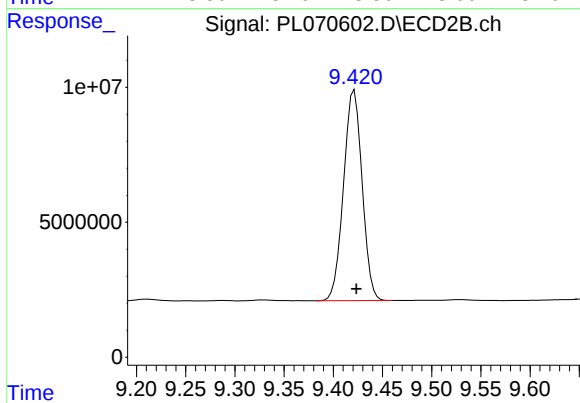
#16 4,4'-DDD

R.T.: 9.103 min
Delta R.T.: -0.003 min
Response: 4145557
Conc: 2.71 ng/ml



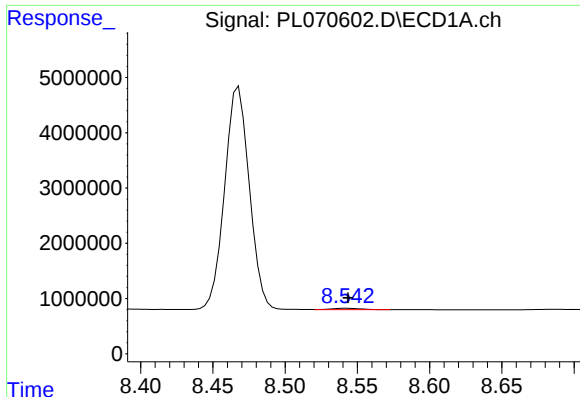
#17 4,4'-DDT

R.T.: 8.468 min
Delta R.T.: -0.003 min
Response: 47864604
Conc: 74.95 ng/ml



#17 4,4'-DDT

R.T.: 9.421 min
Delta R.T.: -0.002 min
Response: 102490681
Conc: 59.32 ng/ml



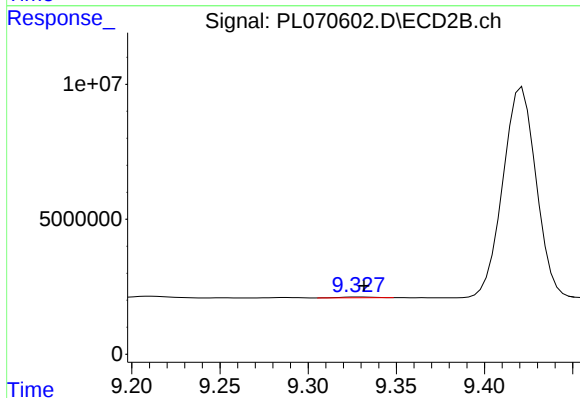
#18 Endrin aldehyde

R.T.: 8.542 min
Delta R.T.: -0.002 min
Response: 334661
Conc: 0.66 ng/ml m

Instrument :
ECD_L
ClientSampleId :
PEM

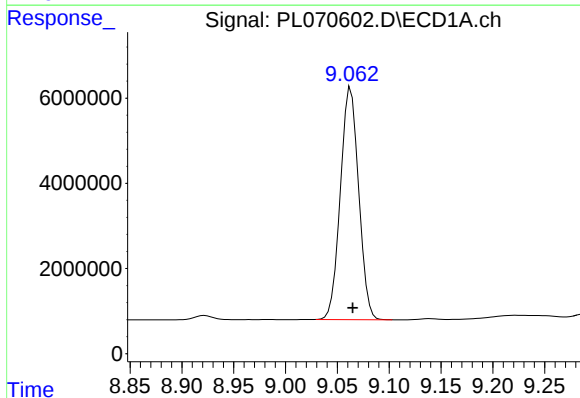
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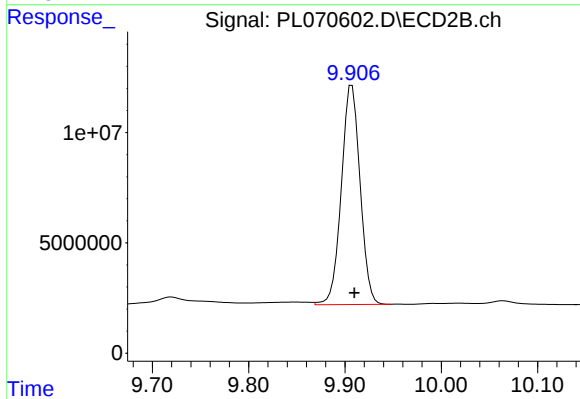
#18 Endrin aldehyde

R.T.: 9.327 min
Delta R.T.: -0.005 min
Response: 405073
Conc: 0.32 ng/ml m



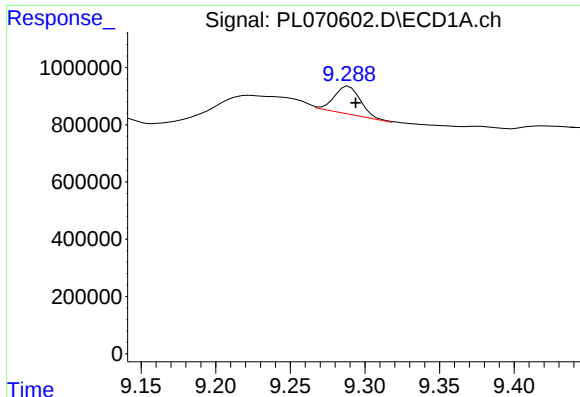
#20 Methoxychlor

R.T.: 9.063 min
Delta R.T.: -0.002 min
Response: 66992274
Conc: 165.28 ng/ml



#20 Methoxychlor

R.T.: 9.907 min
Delta R.T.: -0.003 min
Response: 134000693
Conc: 135.80 ng/ml



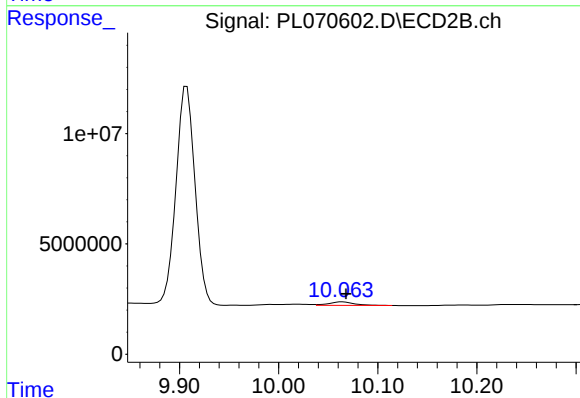
#21 Endrin ketone

R.T.: 9.288 min
Delta R.T.: -0.006 min
Response: 1193607
Conc: 1.45 ng/ml m

Instrument :
ECD_L
ClientSampleId :
PEM

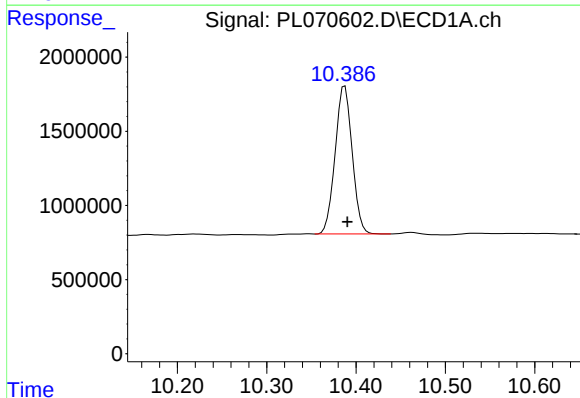
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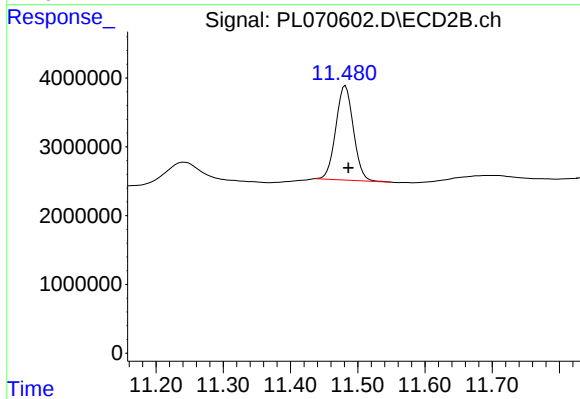
#21 Endrin ketone

R.T.: 10.065 min
Delta R.T.: -0.004 min
Response: 2878376
Conc: 1.66 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.387 min
Delta R.T.: -0.003 min
Response: 13208897
Conc: 17.47 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.482 min
Delta R.T.: -0.005 min
Response: 24757712
Conc: 17.16 ng/ml