

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL052422\
 Data File : PL074991.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 May 2022 18:43
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/25/2022
 Supervised By : Ankita Jodhani 05/25/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 25 02:20:16 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL051122.M
 Quant Title : GC Extractables
 QLast Update : Sat May 14 02:37:15 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...	5.643	4.647	12627956	33295762	24.871	24.259
28)	SA Decachlor...	11.637	10.393	12029719	30166693	26.937	29.390m
Target Compounds							
2)	A alpha-BHC	6.227	5.348	7924457	20514384	11.583	12.190m
3)	MA gamma-BHC...	6.624	5.768	7731410	20651869	11.977	12.498m
6)	B beta-BHC	6.876	6.147	3841378	10837392	12.871	13.650
12)	B 4,4'-DDE	8.657	7.634	145214	367826	0.314m	0.313
14)	MA Endrin	9.060	8.055	27080393	74479531	65.624	70.510
16)	A 4,4'-DDD	9.200	8.217	1176930	3118863	2.603	3.166
17)	MA 4,4'-DDT	9.520	8.477	56098837	148.2E6	122.052	148.108m
18)	B Endrin al...	9.428	8.553	468058	1312079	1.323m	1.643
20)	A Methoxychlor	10.004	9.071	76611176	190.2E6	312.810m	325.534m
21)	B Endrin ke...	10.170	9.300	1602516	2973070	3.125	2.667

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

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Data File : PL074991.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 May 2022 18:43
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

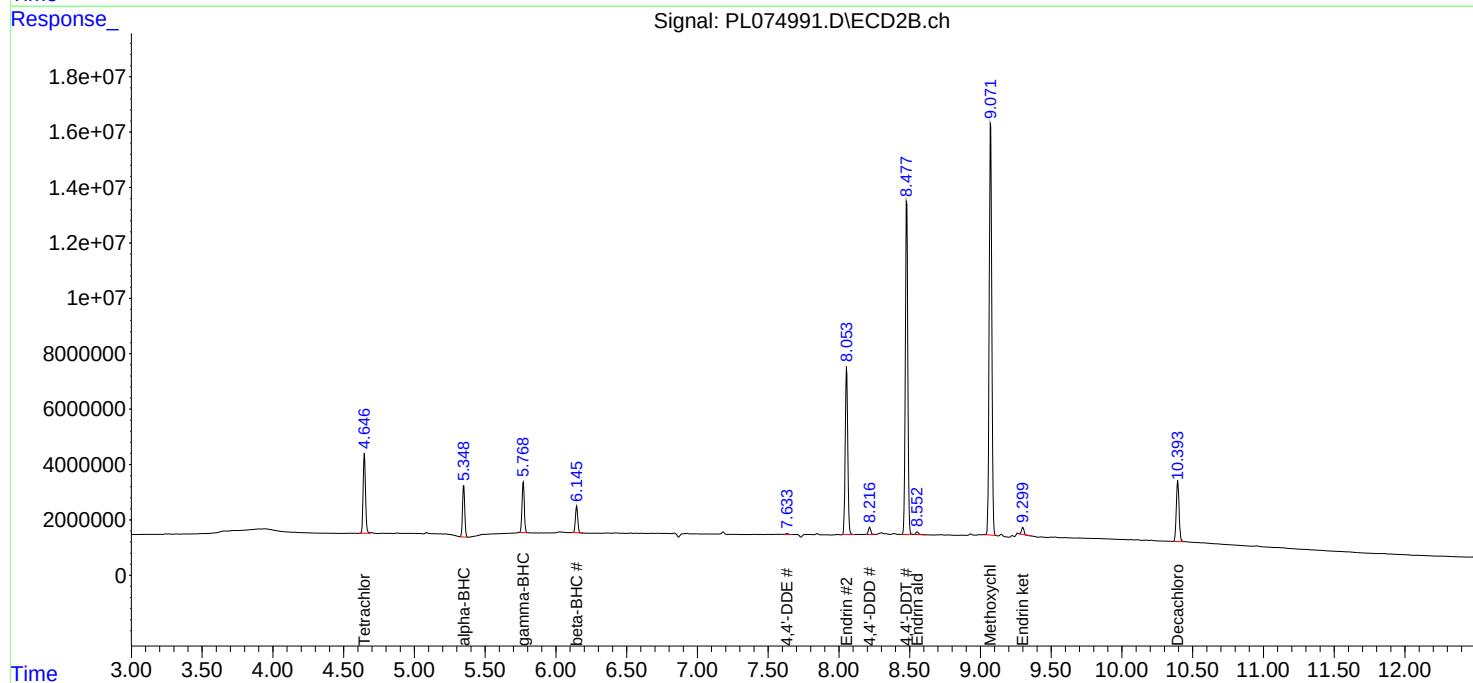
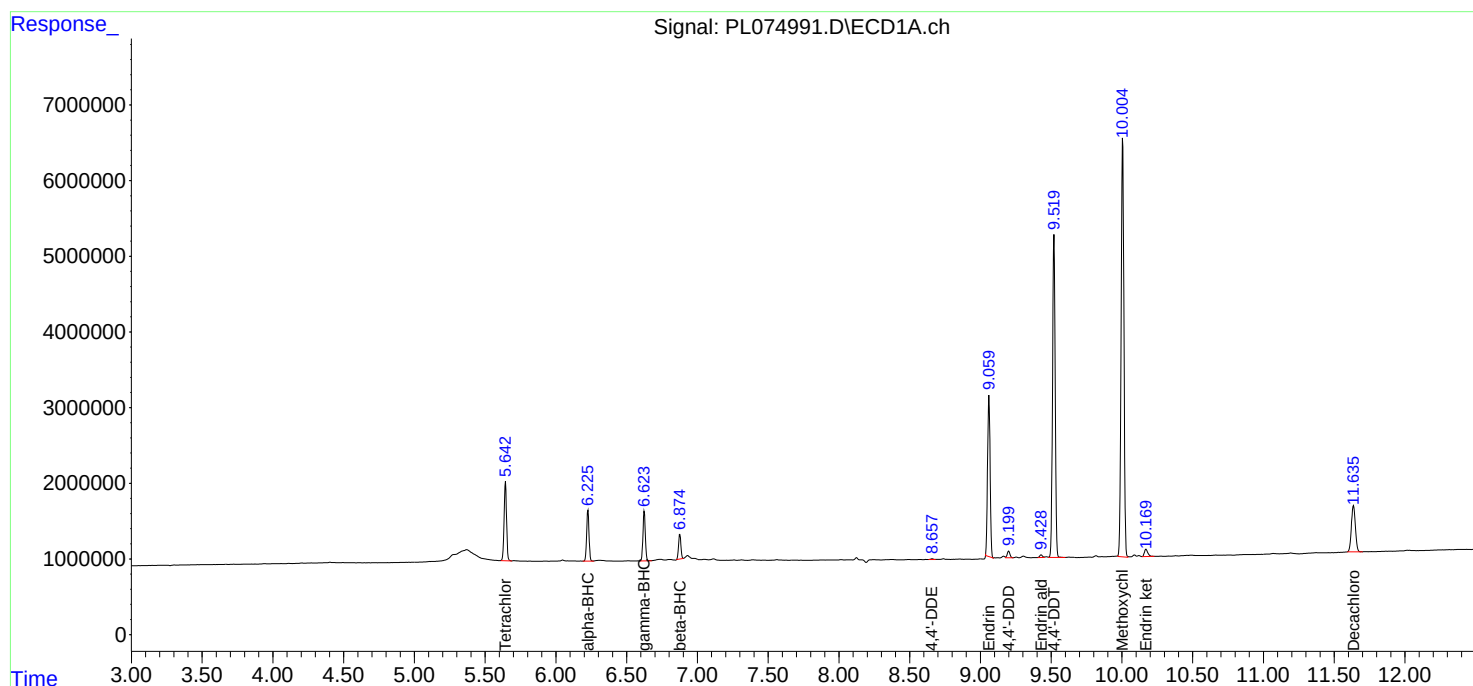
Instrument :
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ClientSampleId :
PEM

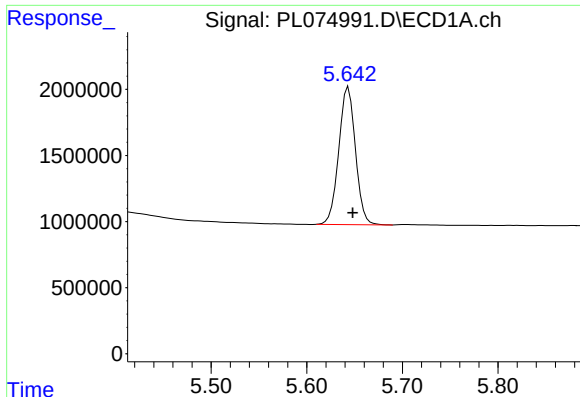
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 25 02:20:16 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL051122.M
Quant Title : GC Extractables
QLast Update : Sat May 14 02:37:15 2022
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Integrator: 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





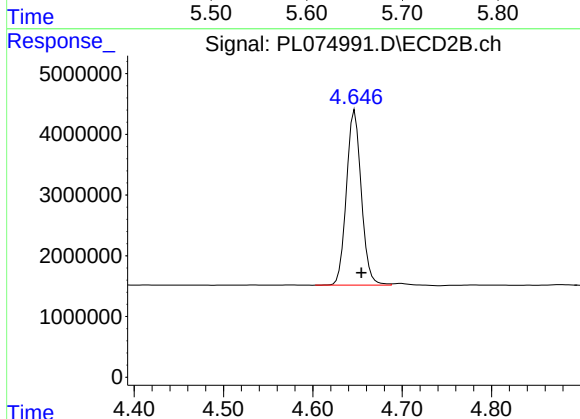
#1 Tetrachloro-m-xylene

R.T.: 5.643 min
Delta R.T.: -0.005 min
Response: 12627956
Conc: 24.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

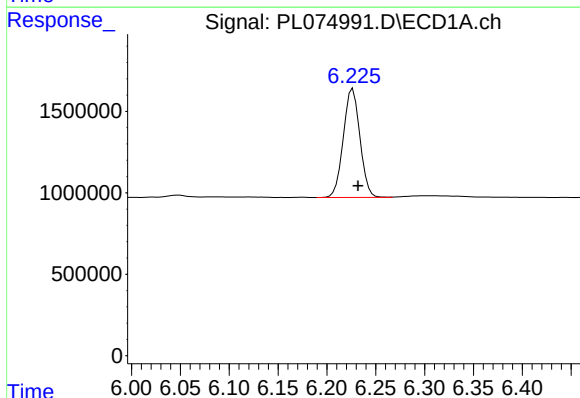
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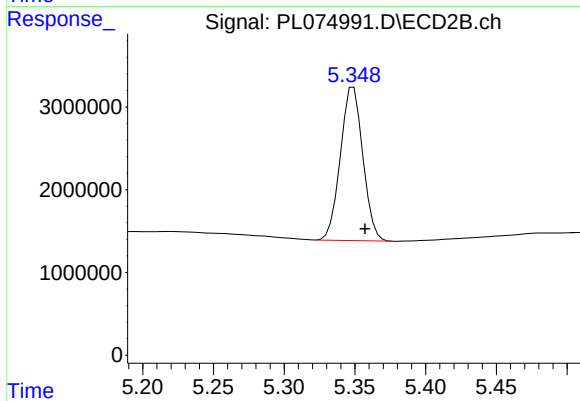
#1 Tetrachloro-m-xylene

R.T.: 4.647 min
Delta R.T.: -0.007 min
Response: 33295762
Conc: 24.26 ng/ml



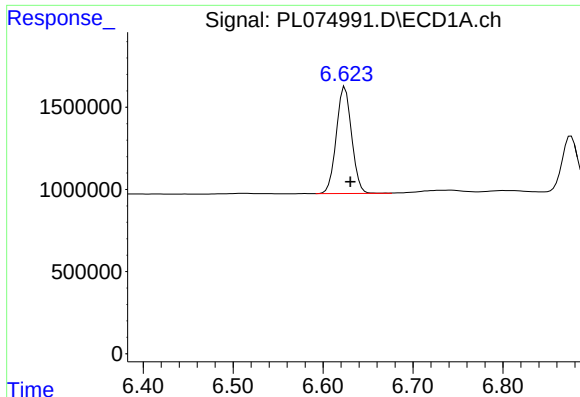
#2 alpha-BHC

R.T.: 6.227 min
Delta R.T.: -0.005 min
Response: 7924457
Conc: 11.58 ng/ml



#2 alpha-BHC

R.T.: 5.348 min
Delta R.T.: -0.010 min
Response: 20514384
Conc: 12.19 ng/ml m



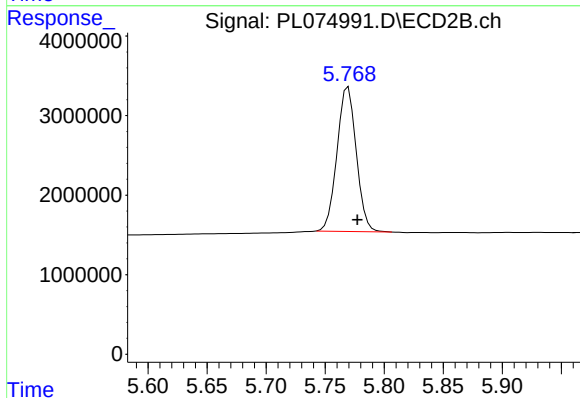
#3 gamma-BHC (Lindane)

R.T.: 6.624 min
Delta R.T.: -0.006 min
Response: 7731410
Conc: 11.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

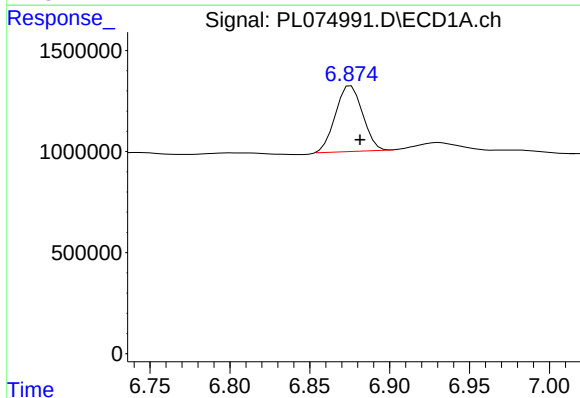
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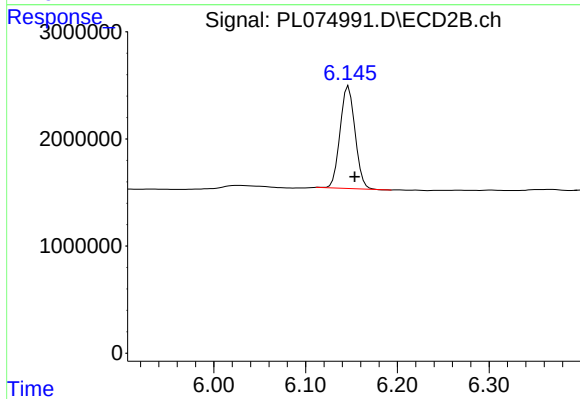
#3 gamma-BHC (Lindane)

R.T.: 5.768 min
Delta R.T.: -0.009 min
Response: 20651869
Conc: 12.50 ng/ml m



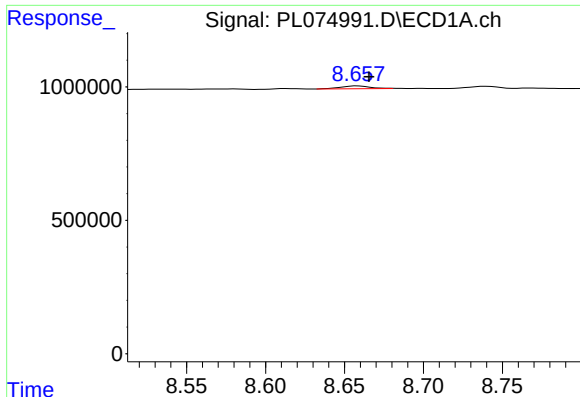
#6 beta-BHC

R.T.: 6.876 min
Delta R.T.: -0.006 min
Response: 3841378
Conc: 12.87 ng/ml



#6 beta-BHC

R.T.: 6.147 min
Delta R.T.: -0.007 min
Response: 10837392
Conc: 13.65 ng/ml



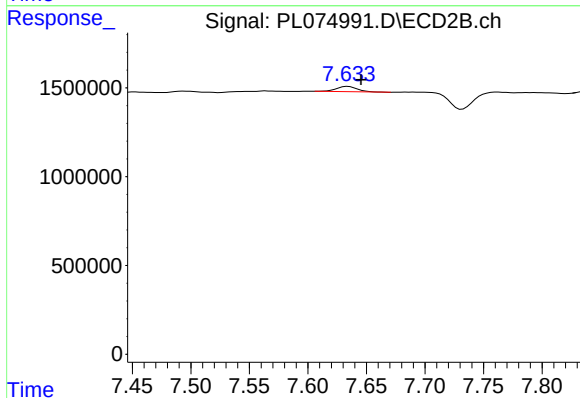
#12 4,4'-DDE

R.T.: 8.657 min
Delta R.T.: -0.008 min
Response: 145214
Conc: 0.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

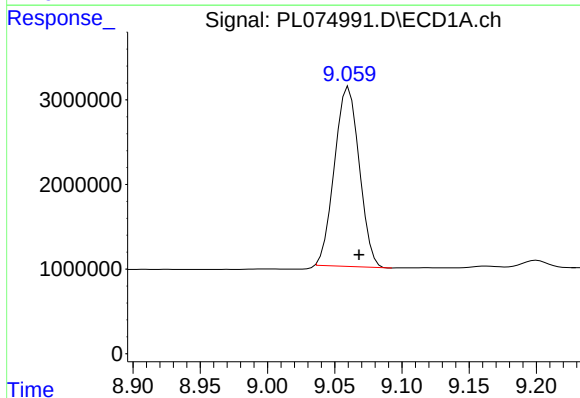
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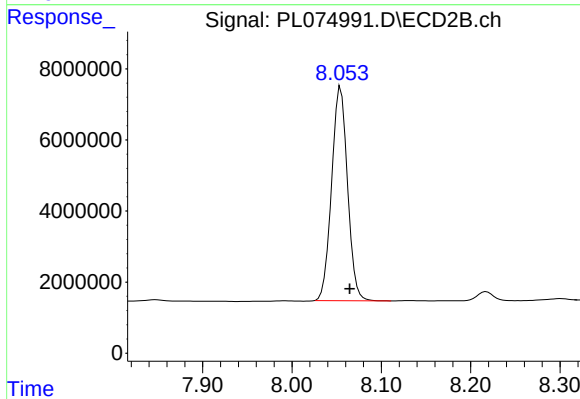
#12 4,4'-DDE

R.T.: 7.634 min
Delta R.T.: -0.011 min
Response: 367826
Conc: 0.31 ng/ml



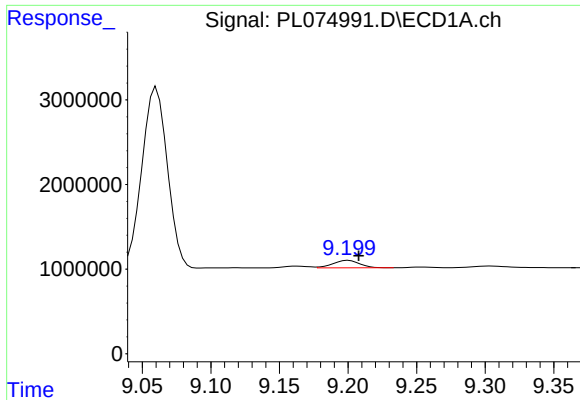
#14 Endrin

R.T.: 9.060 min
Delta R.T.: -0.008 min
Response: 27080393
Conc: 65.62 ng/ml



#14 Endrin

R.T.: 8.055 min
Delta R.T.: -0.010 min
Response: 74479531
Conc: 70.51 ng/ml



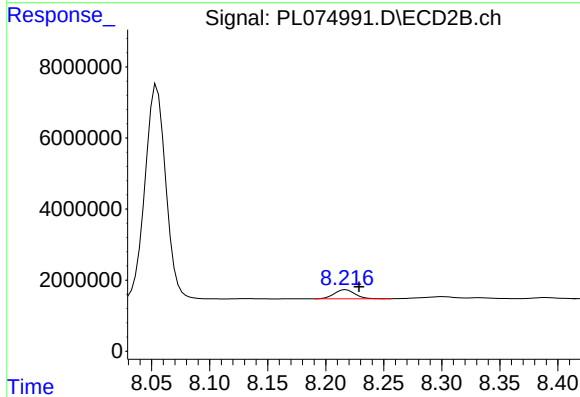
#16 4,4'-DDD

R.T.: 9.200 min
Delta R.T.: -0.008 min
Response: 1176930
Conc: 2.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

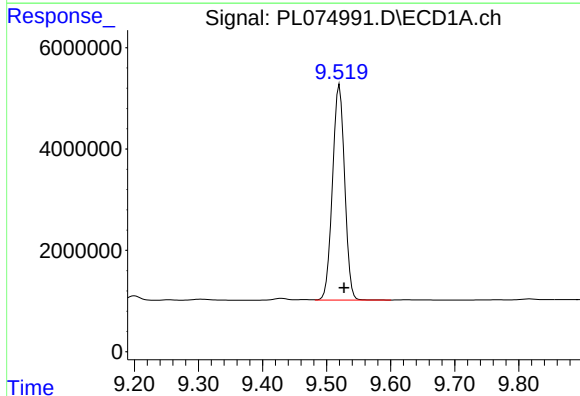
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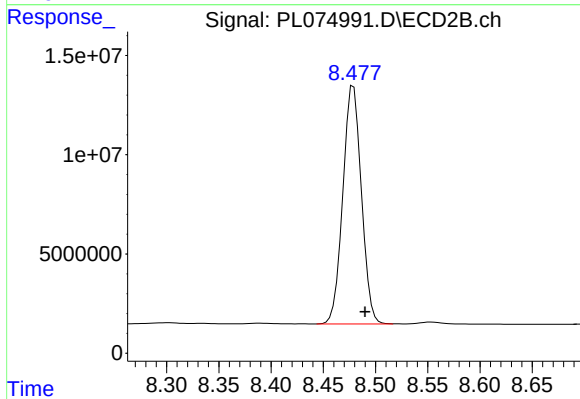
#16 4,4'-DDD

R.T.: 8.217 min
Delta R.T.: -0.011 min
Response: 3118863
Conc: 3.17 ng/ml



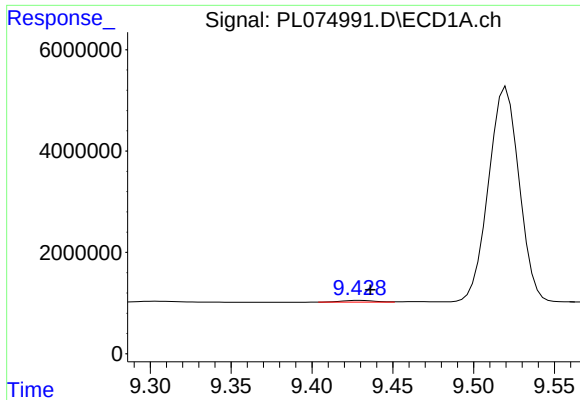
#17 4,4'-DDT

R.T.: 9.520 min
Delta R.T.: -0.007 min
Response: 56098837
Conc: 122.05 ng/ml



#17 4,4'-DDT

R.T.: 8.477 min
Delta R.T.: -0.013 min
Response: 148184646
Conc: 148.11 ng/ml m



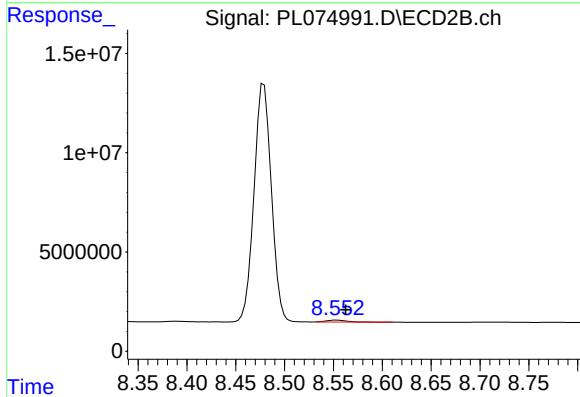
#18 Endrin aldehyde

R.T.: 9.428 min
Delta R.T.: -0.008 min
Response: 468058
Conc: 1.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

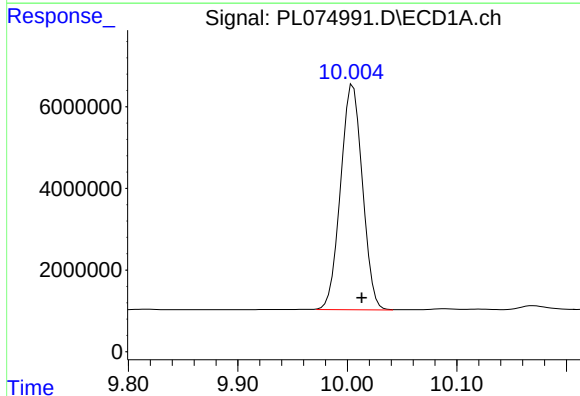
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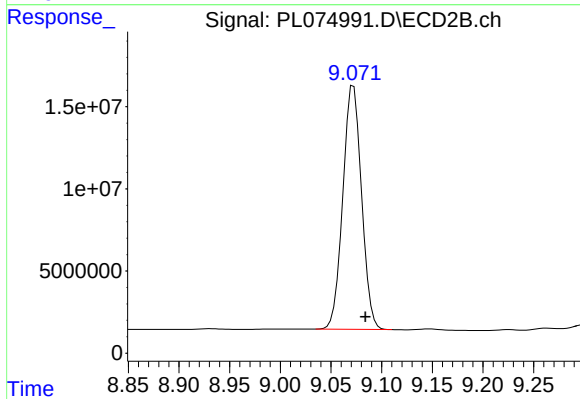
#18 Endrin aldehyde

R.T.: 8.553 min
Delta R.T.: -0.009 min
Response: 1312079
Conc: 1.64 ng/ml



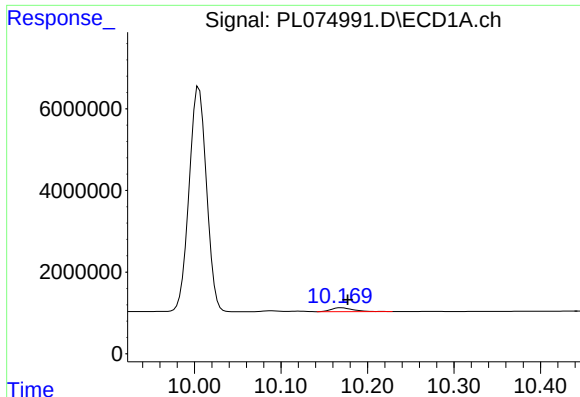
#20 Methoxychlor

R.T.: 10.004 min
Delta R.T.: -0.009 min
Response: 76611176
Conc: 312.81 ng/ml m



#20 Methoxychlor

R.T.: 9.071 min
Delta R.T.: -0.013 min
Response: 190239593
Conc: 325.53 ng/ml m



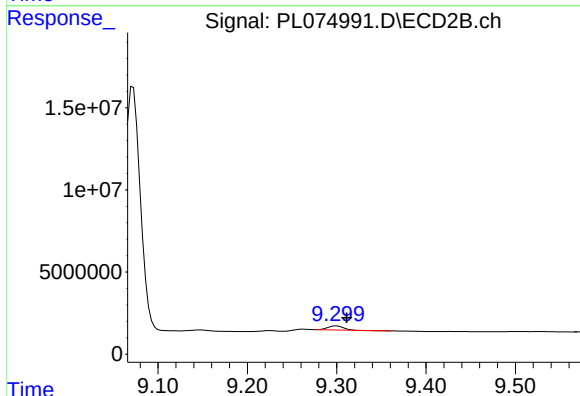
#21 Endrin ketone

R.T.: 10.170 min
Delta R.T.: -0.007 min
Response: 1602516
Conc: 3.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

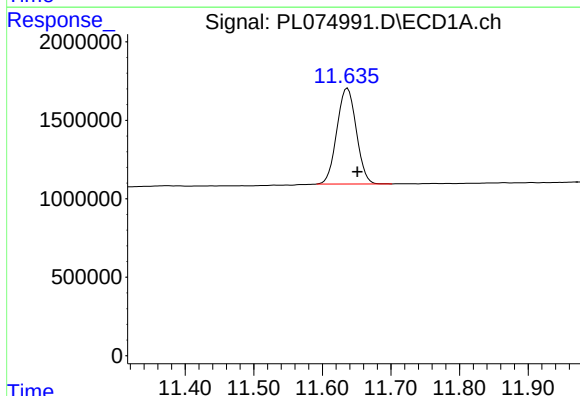
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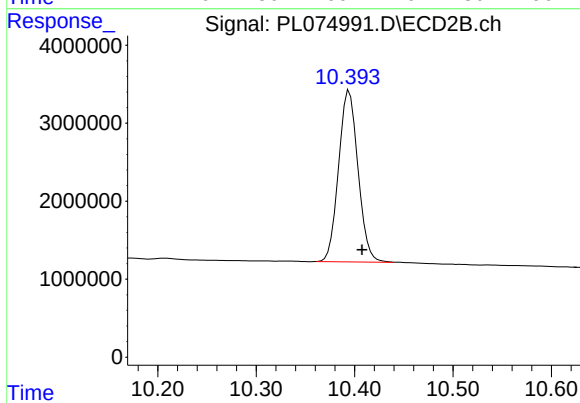
#21 Endrin ketone

R.T.: 9.300 min
Delta R.T.: -0.011 min
Response: 2973070
Conc: 2.67 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.637 min
Delta R.T.: -0.014 min
Response: 12029719
Conc: 26.94 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.393 min
Delta R.T.: -0.015 min
Response: 30166693
Conc: 29.39 ng/ml m