

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL081124\
 Data File : PL090968.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Aug 2024 10:21
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 08/12/2024
 Supervised By : Ankita Jodhani 08/12/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 12 01:58:57 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL080524.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 06 10:55:36 2024
 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...	3.545	2.787	41671601	36605134	21.522m	21.174
28)	SA Decachlor...	9.062	7.931	32756271	32469815	22.799	19.453
Target Compounds							
2)	A alpha-BHC	4.001	3.289	31620534	24454730	11.448	9.927m
3)	MA gamma-BHC...	4.333	3.621	30163525	23350906	11.469m	9.974
6)	B beta-BHC	4.530	3.920	15214053	12175839	12.085	11.447
12)	B 4,4'-DDE	6.196	5.247	344467	214527	0.174m	0.114m#
14)	MA Endrin	6.580	5.655	87011415	88127637	47.510m	48.231
16)	A 4,4'-DDD	6.715	5.803	4895261	3806976	2.969	2.453
17)	MA 4,4'-DDT	7.030	6.053	160.3E6	173.1E6	89.893	104.372
18)	B Endrin al...	6.929	6.129	2895382	2694762	1.923	1.903
20)	A Methoxychlor	7.505	6.629	209.5E6	221.1E6	219.535	239.487
21)	B Endrin ke...	7.648	6.856	6501121	5235921	3.281	2.642

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

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Acq On : 10 Aug 2024 10:21
Operator : AR\AJ
Sample : PEM
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ALS Vial : 3 Sample Multiplier: 1

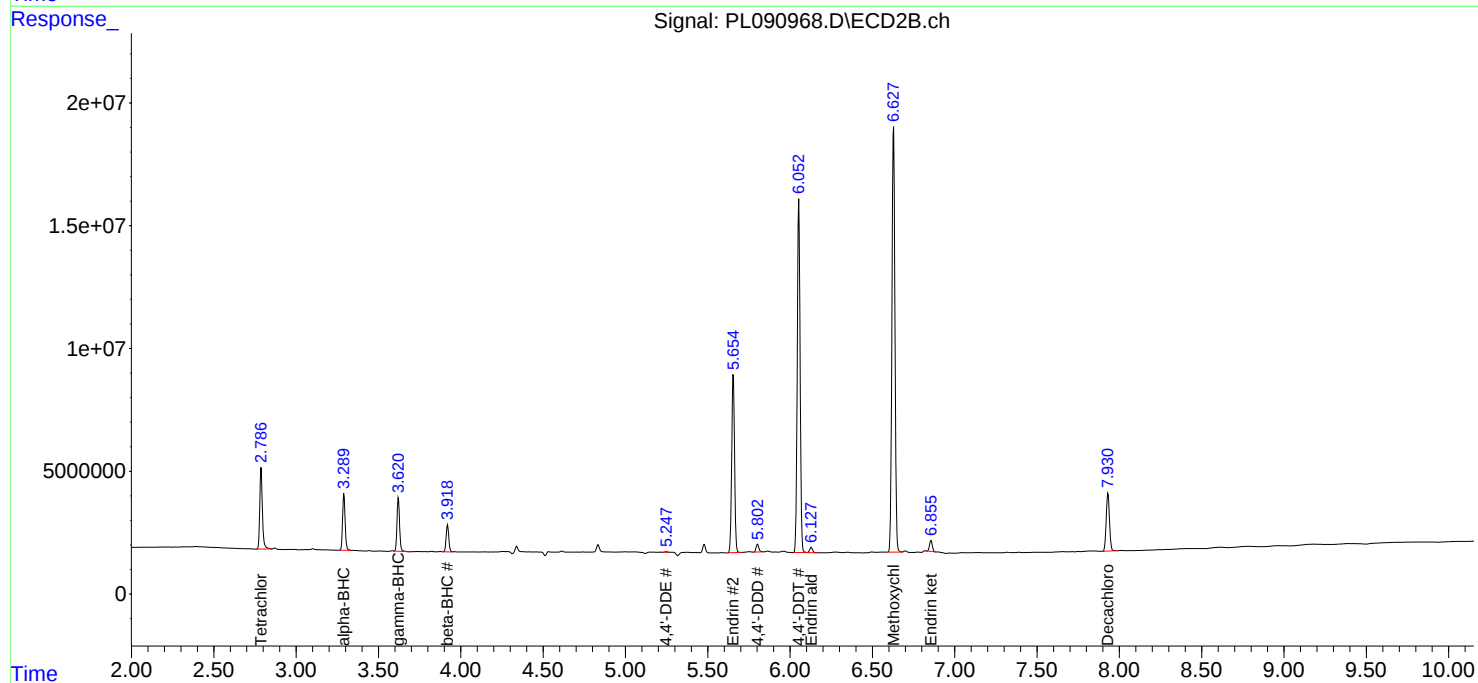
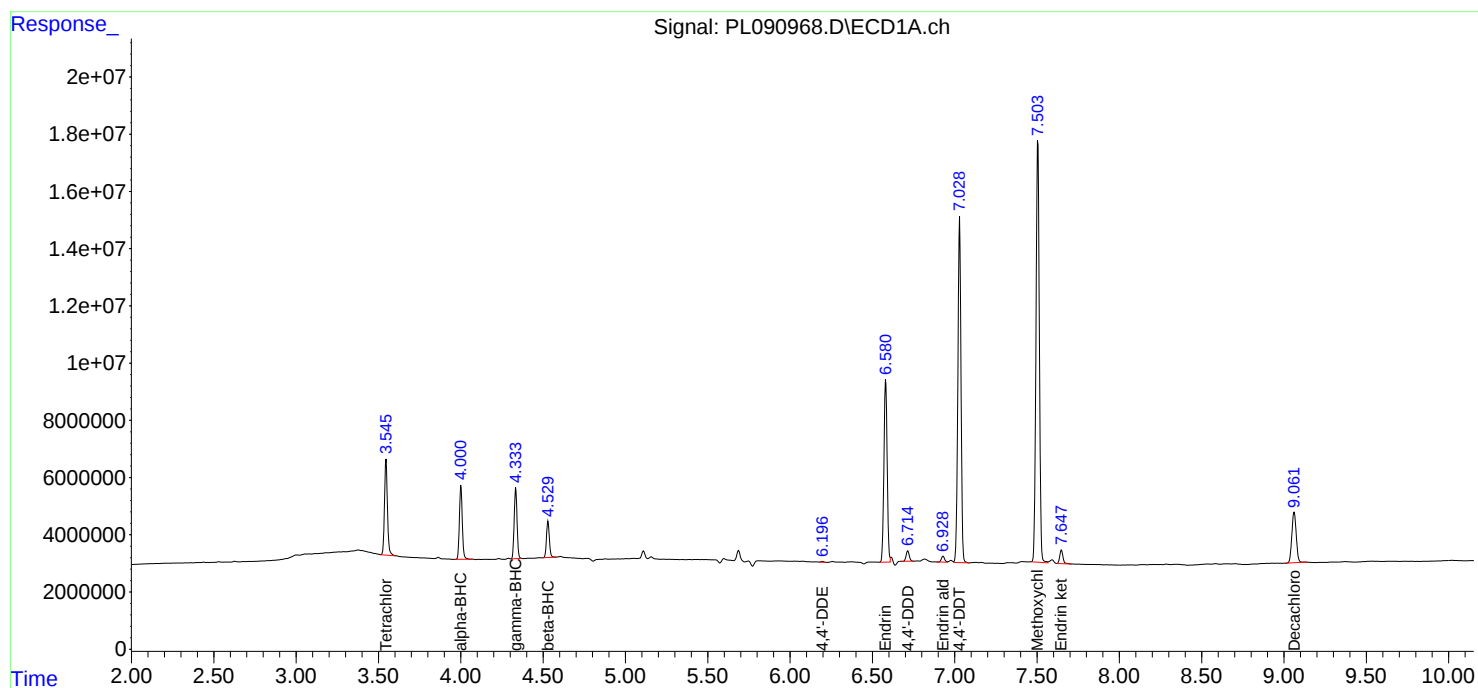
Instrument :
ECD_L
ClientSampleId :
PEM

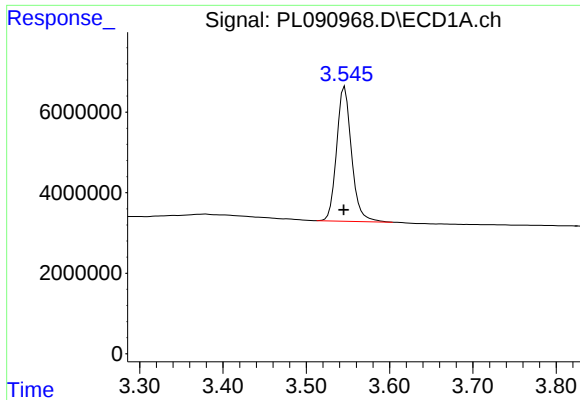
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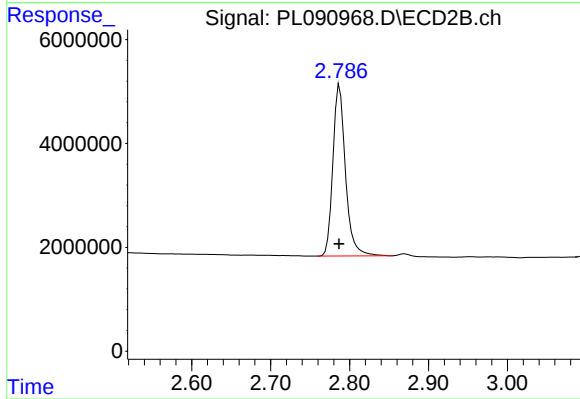
#1 Tetrachloro-m-xylene

R.T.: 3.545 min
Delta R.T.: 0.000 min
Response: 41671601
Conc: 21.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

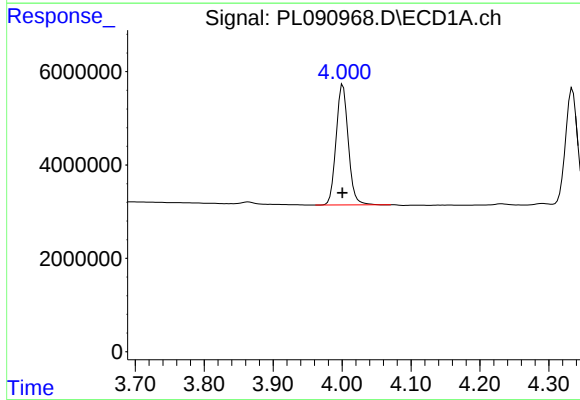
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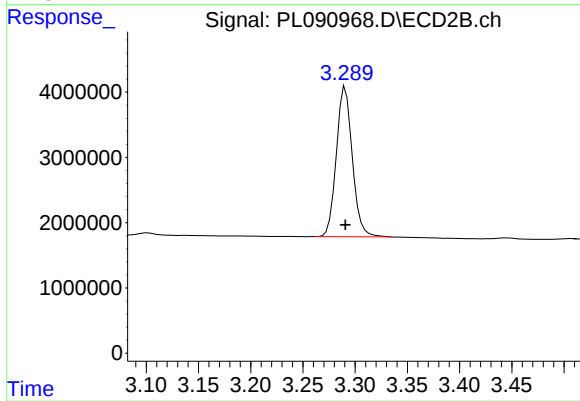
#1 Tetrachloro-m-xylene

R.T.: 2.787 min
Delta R.T.: 0.000 min
Response: 36605134
Conc: 21.17 ng/ml



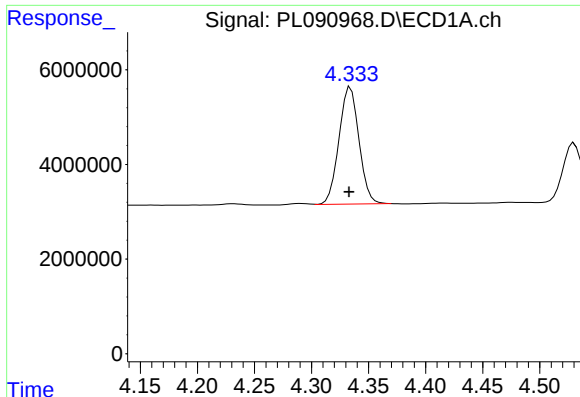
#2 alpha-BHC

R.T.: 4.001 min
Delta R.T.: 0.000 min
Response: 31620534
Conc: 11.45 ng/ml



#2 alpha-BHC

R.T.: 3.289 min
Delta R.T.: -0.001 min
Response: 24454730
Conc: 9.93 ng/ml m



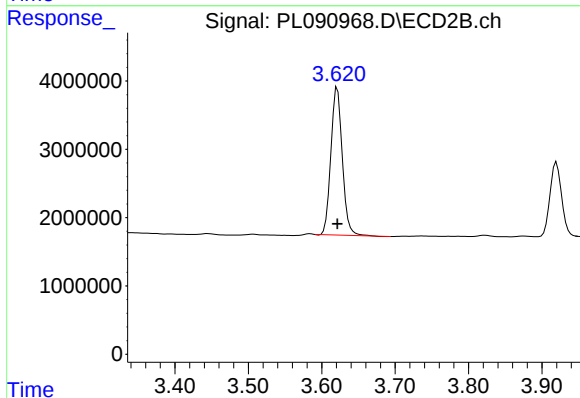
#3 gamma-BHC (Lindane)

R.T.: 4.333 min
Delta R.T.: 0.000 min
Response: 30163525
Conc: 11.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

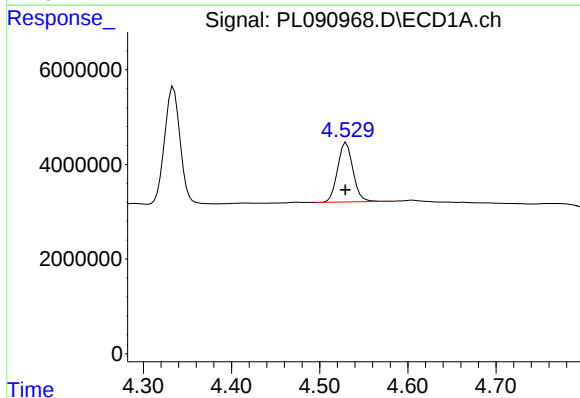
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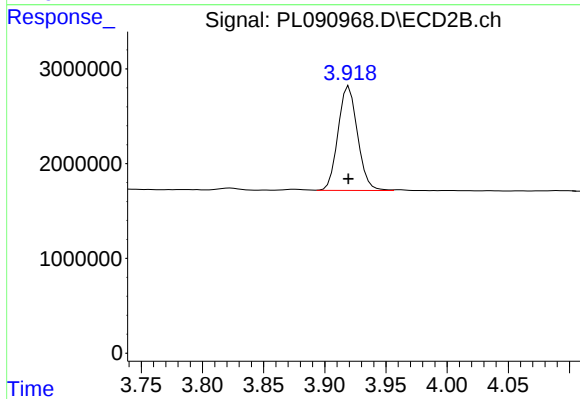
#3 gamma-BHC (Lindane)

R.T.: 3.621 min
Delta R.T.: 0.000 min
Response: 23350906
Conc: 9.97 ng/ml



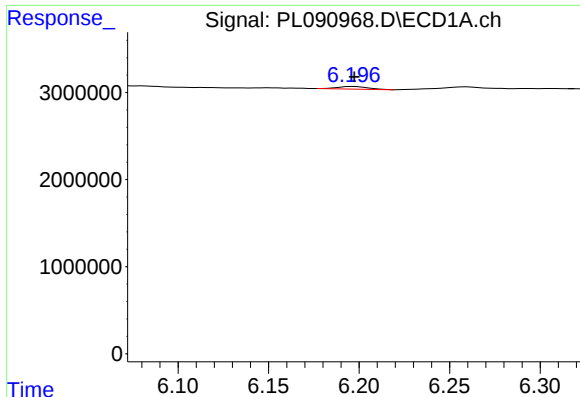
#6 beta-BHC

R.T.: 4.530 min
Delta R.T.: 0.001 min
Response: 15214053
Conc: 12.09 ng/ml



#6 beta-BHC

R.T.: 3.920 min
Delta R.T.: 0.000 min
Response: 12175839
Conc: 11.45 ng/ml



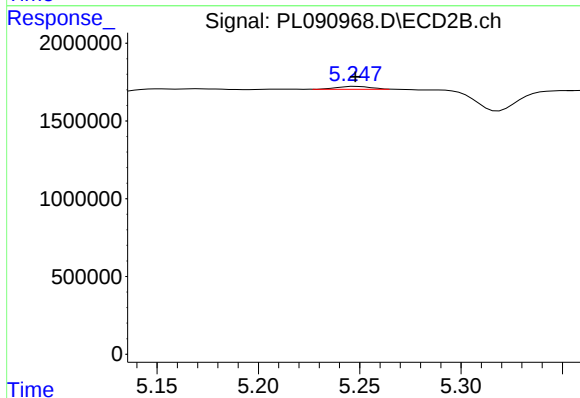
#12 4,4'-DDE

R.T.: 6.196 min
Delta R.T.: -0.002 min
Response: 344467
Conc: 0.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

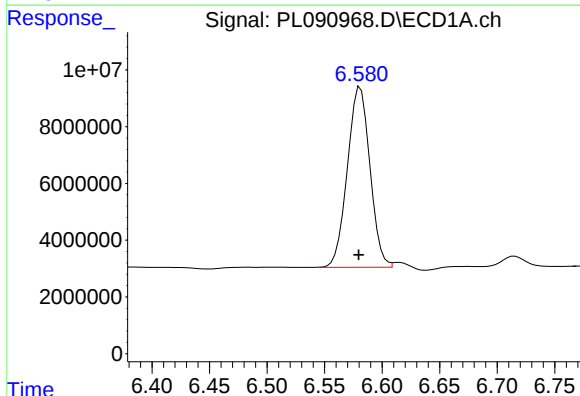
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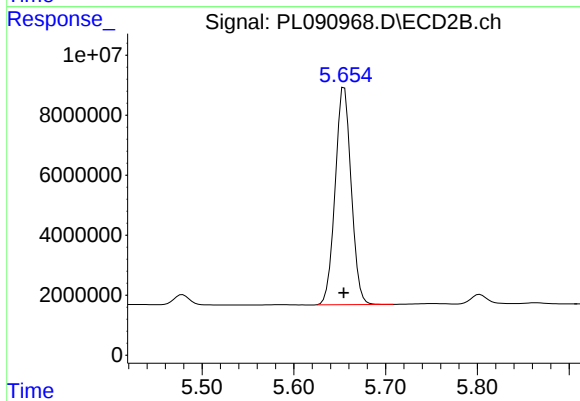
#12 4,4'-DDE

R.T.: 5.247 min
Delta R.T.: -0.001 min
Response: 214527
Conc: 0.11 ng/ml m



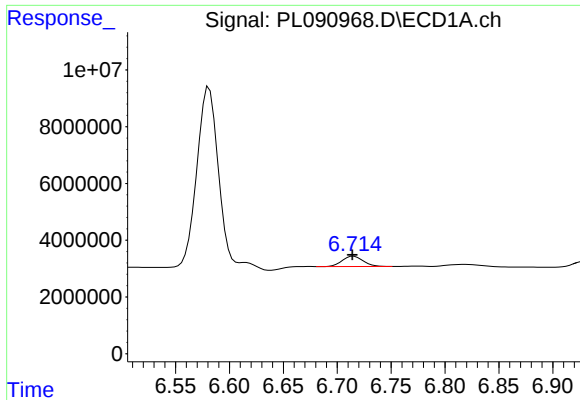
#14 Endrin

R.T.: 6.580 min
Delta R.T.: 0.000 min
Response: 87011415
Conc: 47.51 ng/ml m



#14 Endrin

R.T.: 5.655 min
Delta R.T.: 0.000 min
Response: 88127637
Conc: 48.23 ng/ml



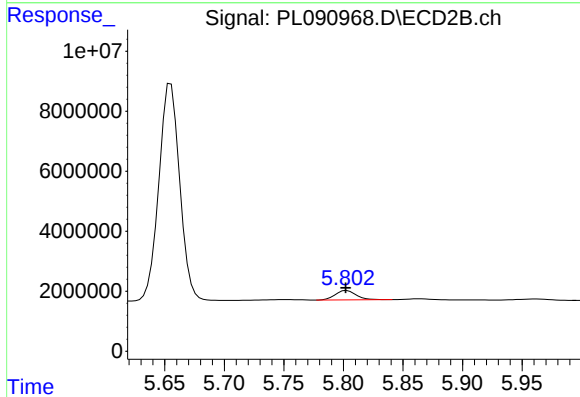
#16 4,4'-DDD

R.T.: 6.715 min
Delta R.T.: 0.001 min
Response: 4895261
Conc: 2.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

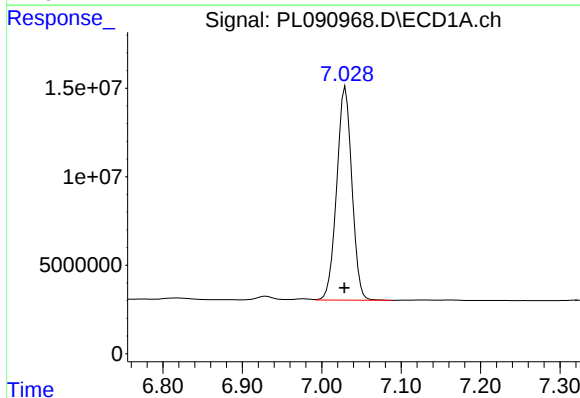
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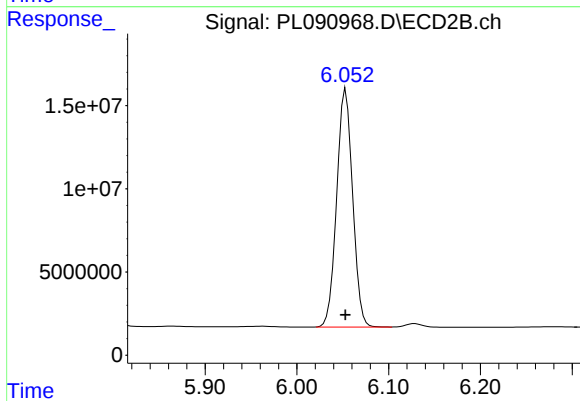
#16 4,4'-DDD

R.T.: 5.803 min
Delta R.T.: 0.000 min
Response: 3806976
Conc: 2.45 ng/ml



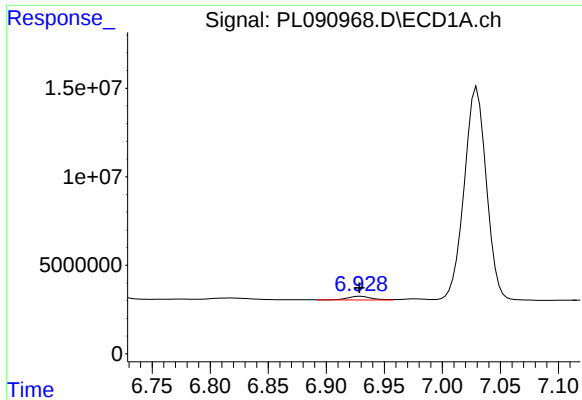
#17 4,4'-DDT

R.T.: 7.030 min
Delta R.T.: 0.002 min
Response: 160259562
Conc: 89.89 ng/ml



#17 4,4'-DDT

R.T.: 6.053 min
Delta R.T.: 0.000 min
Response: 173077354
Conc: 104.37 ng/ml



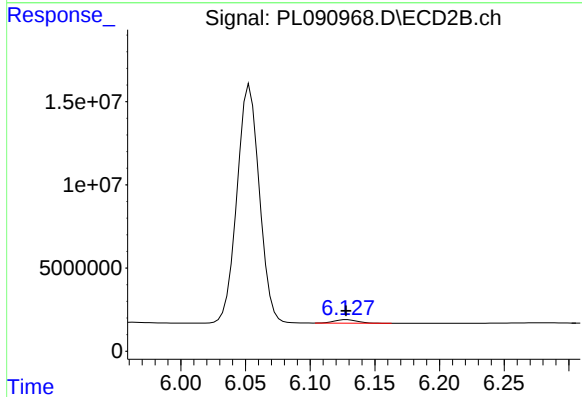
#18 Endrin aldehyde

R.T.: 6.929 min
Delta R.T.: 0.000 min
Response: 2895382
Conc: 1.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

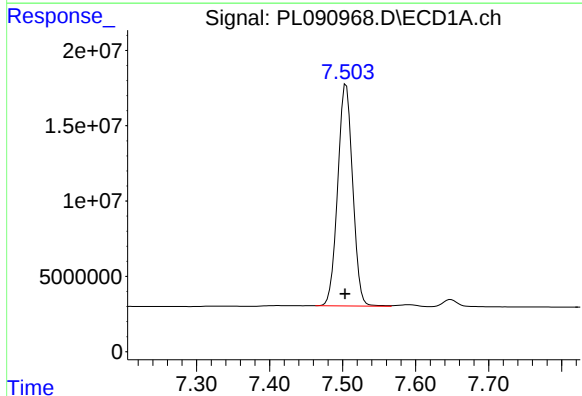
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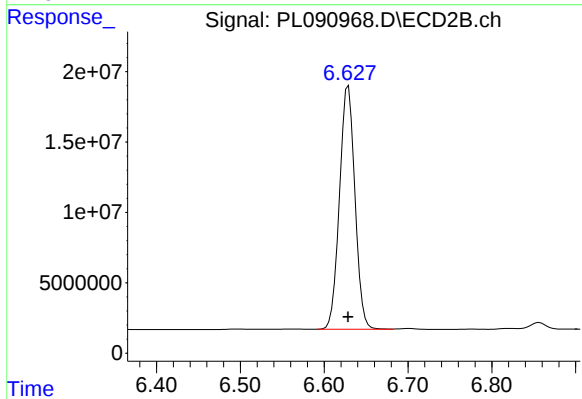
#18 Endrin aldehyde

R.T.: 6.129 min
Delta R.T.: 0.000 min
Response: 2694762
Conc: 1.90 ng/ml



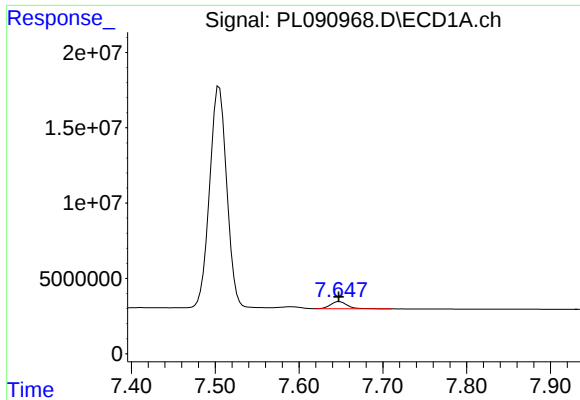
#20 Methoxychlor

R.T.: 7.505 min
Delta R.T.: 0.001 min
Response: 209488833
Conc: 219.53 ng/ml



#20 Methoxychlor

R.T.: 6.629 min
Delta R.T.: 0.000 min
Response: 221054516
Conc: 239.49 ng/ml



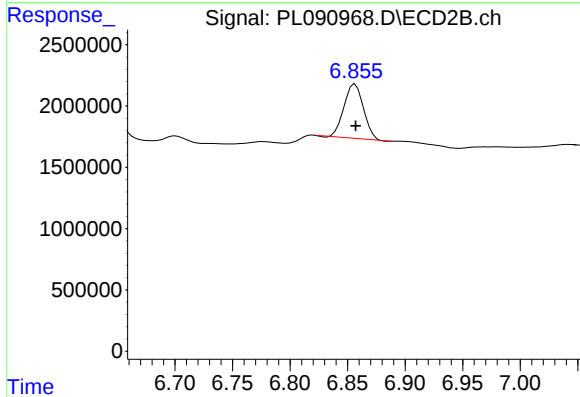
#21 Endrin ketone

R.T.: 7.648 min
Delta R.T.: 0.000 min
Response: 6501121
Conc: 3.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

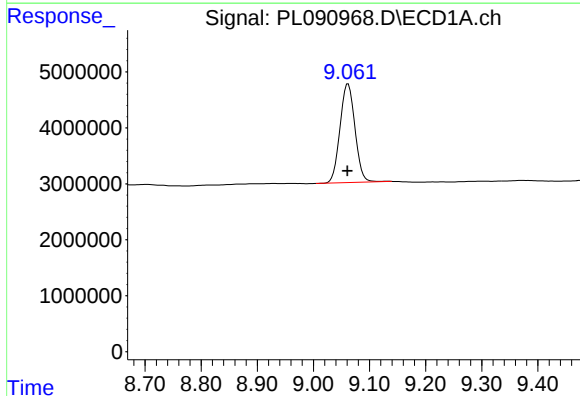
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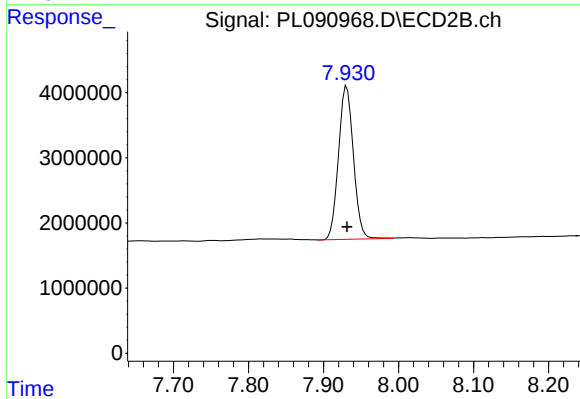
#21 Endrin ketone

R.T.: 6.856 min
Delta R.T.: 0.000 min
Response: 5235921
Conc: 2.64 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.062 min
Delta R.T.: 0.002 min
Response: 32756271
Conc: 22.80 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.931 min
Delta R.T.: 0.000 min
Response: 32469815
Conc: 19.45 ng/ml