

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071124\
 Data File : PL090492.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Jul 2024 16:12
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 07/12/2024
 Supervised By : Ankita Jodhani 07/12/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 12 01:07:58 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL062424.M
 Quant Title : GC Extractables
 QLast Update : Tue Jun 25 11:05:38 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	2.788	42803307	33507747	18.860	21.184
28)	SA Decachlor...	9.056	7.929	30506079	31429906	19.781	21.070m
Target Compounds							
2)	A alpha-BHC	4.000	3.290	31538311	22516469	10.055	10.072m
3)	MA gamma-BHC...	4.332	3.620	29660938	21758483	9.867	10.177m
6)	B beta-BHC	4.527	3.920	17173834	10923120	12.750m	11.315
12)	B 4,4'-DDE	6.194	5.247	447592	328053	0.205m	0.198m
14)	MA Endrin	6.577	5.654	82825522	78095362	39.063m	47.228m
16)	A 4,4'-DDD	6.710	5.803	8182777	6148343	4.466m	4.486
17)	MA 4,4'-DDT	7.026	6.052	153.6E6	156.3E6	80.070	105.618m#
18)	B Endrin al...	6.924	6.128	3522607	3391033	2.086m	2.663 #
20)	A Methoxychlor	7.499	6.627	199.5E6	201.6E6	193.570m	241.631m
21)	B Endrin ke...	7.644	6.856	8436498	7381294	3.889	4.122

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

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Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

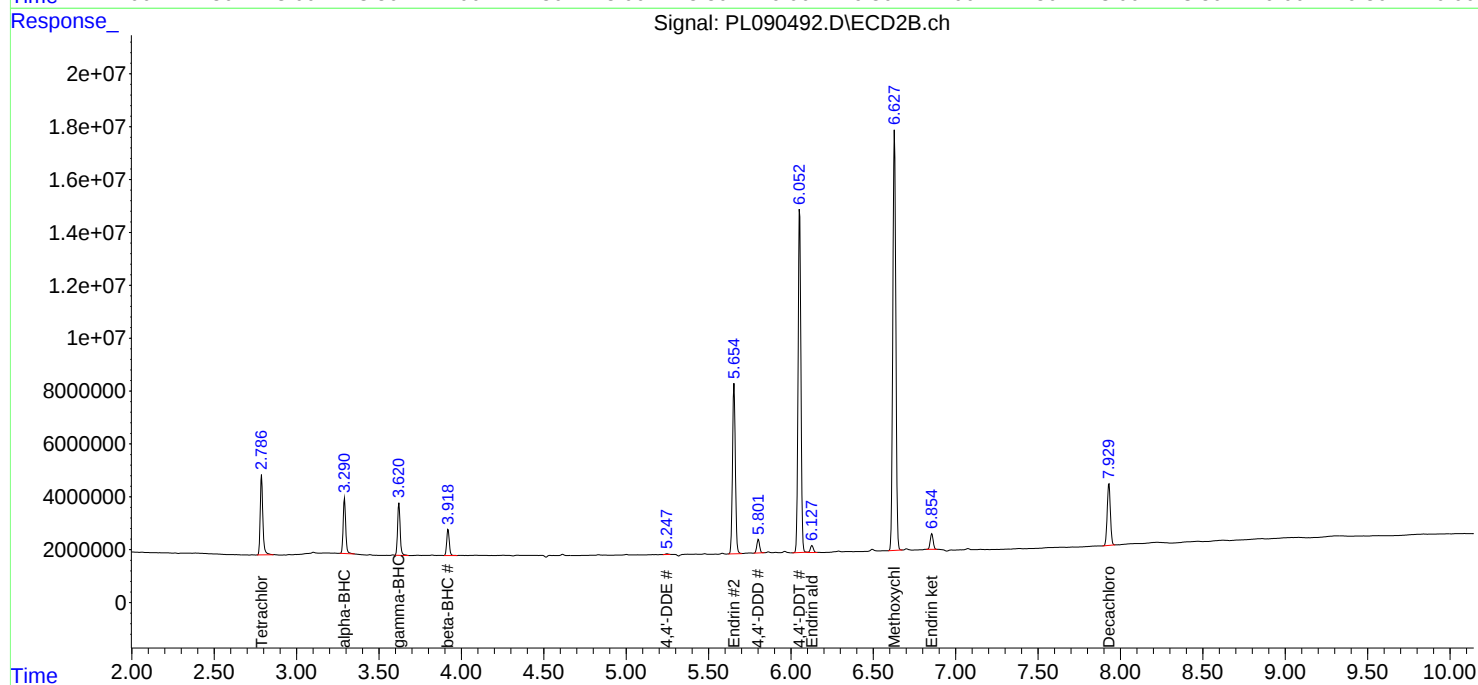
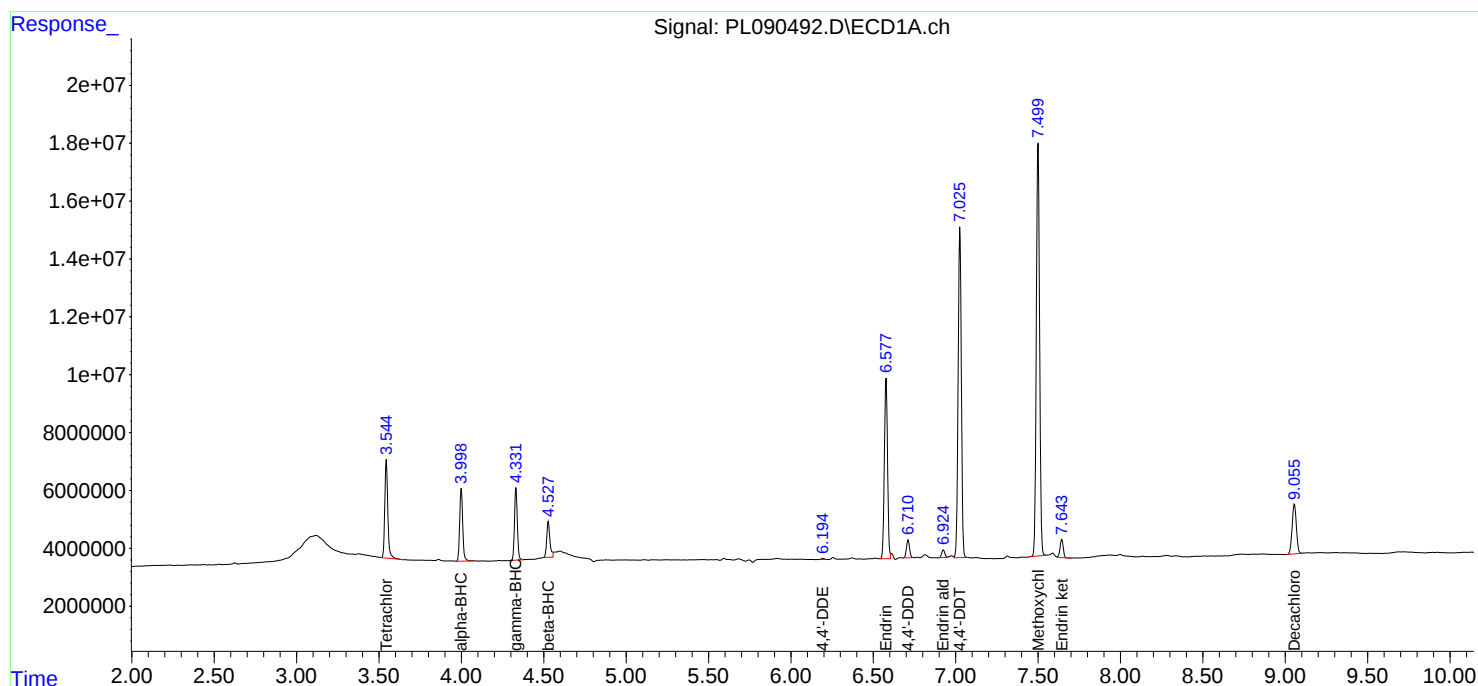
Instrument :
ECD_L
ClientSampleId :
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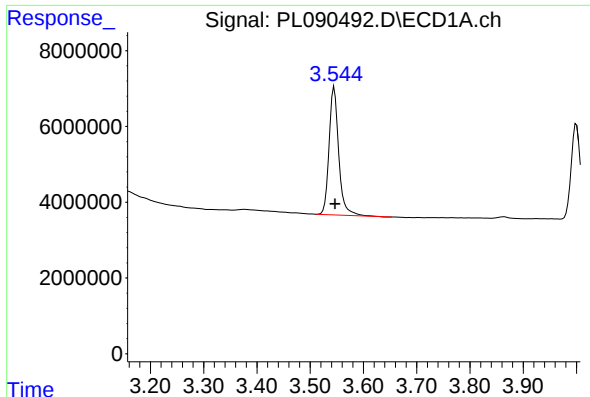
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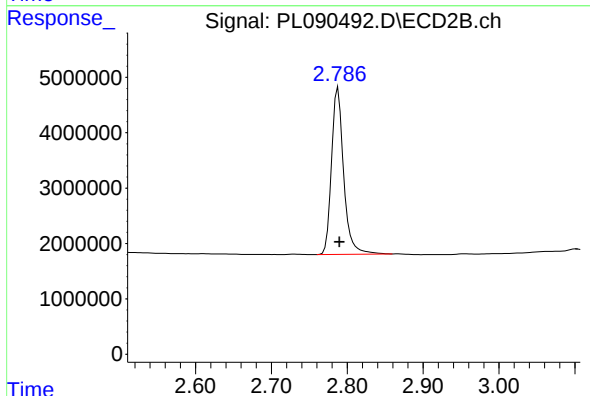
#1 Tetrachloro-m-xylene

R.T.: 3.545 min
Delta R.T.: -0.002 min
Response: 42803307
Conc: 18.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

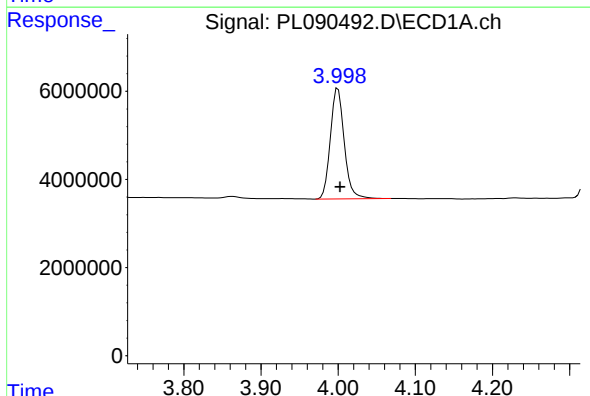
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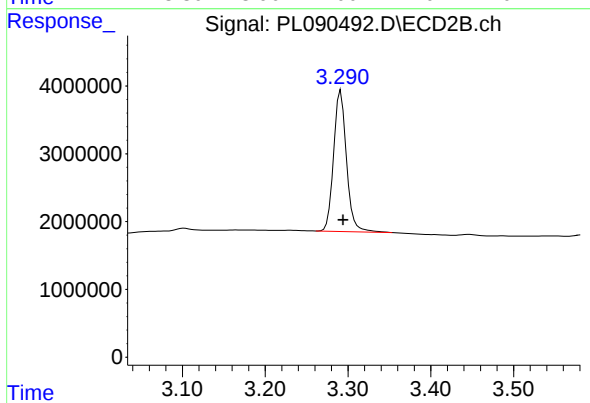
#1 Tetrachloro-m-xylene

R.T.: 2.788 min
Delta R.T.: -0.002 min
Response: 33507747
Conc: 21.18 ng/ml



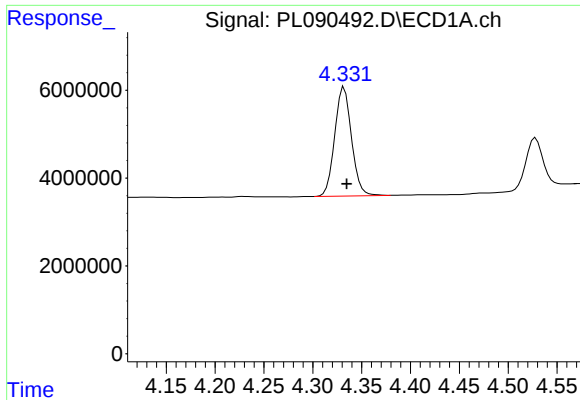
#2 alpha-BHC

R.T.: 4.000 min
Delta R.T.: -0.003 min
Response: 31538311
Conc: 10.06 ng/ml



#2 alpha-BHC

R.T.: 3.290 min
Delta R.T.: -0.004 min
Response: 22516469
Conc: 10.07 ng/ml m



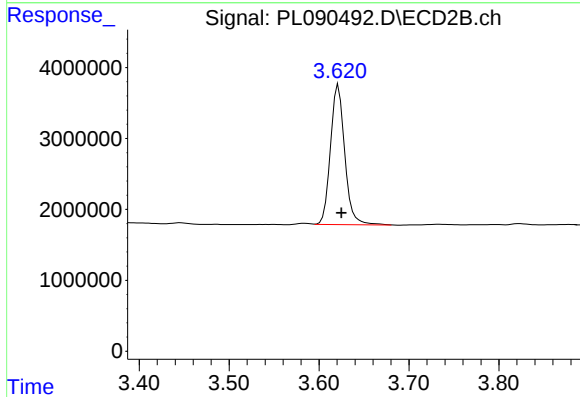
#3 gamma-BHC (Lindane)

R.T.: 4.332 min
Delta R.T.: -0.003 min
Response: 29660938
Conc: 9.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

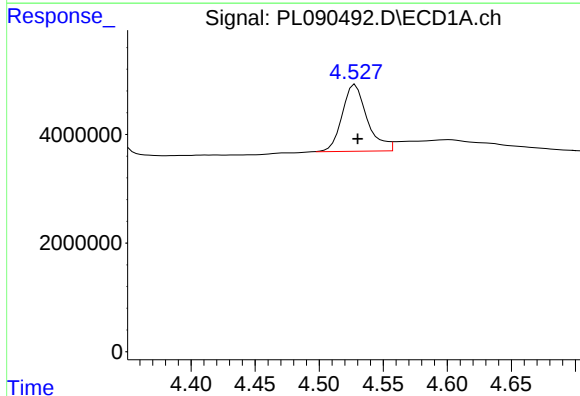
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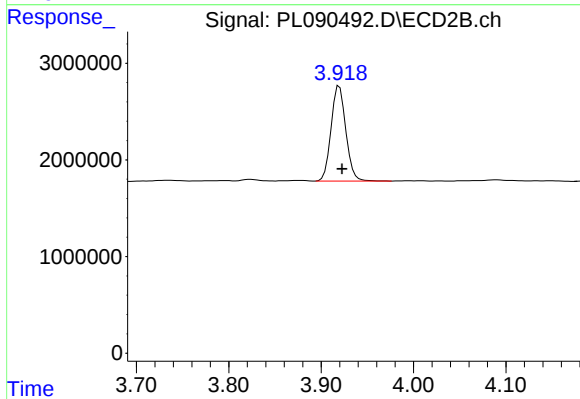
#3 gamma-BHC (Lindane)

R.T.: 3.620 min
Delta R.T.: -0.005 min
Response: 21758483
Conc: 10.18 ng/ml m



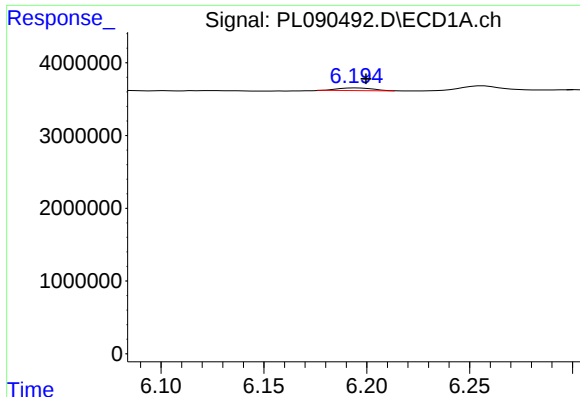
#6 beta-BHC

R.T.: 4.527 min
Delta R.T.: -0.003 min
Response: 17173834
Conc: 12.75 ng/ml m



#6 beta-BHC

R.T.: 3.920 min
Delta R.T.: -0.003 min
Response: 10923120
Conc: 11.31 ng/ml



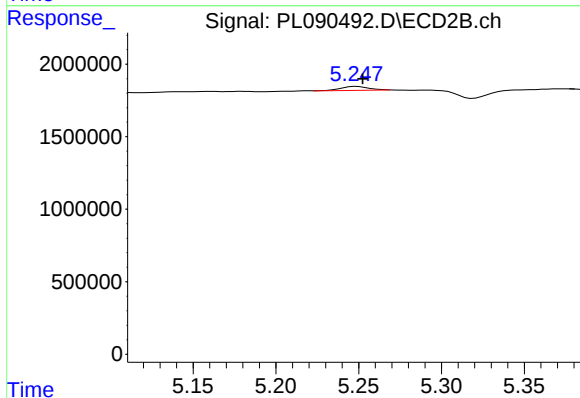
#12 4,4'-DDE

R.T.: 6.194 min
Delta R.T.: -0.006 min
Response: 447592
Conc: 0.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

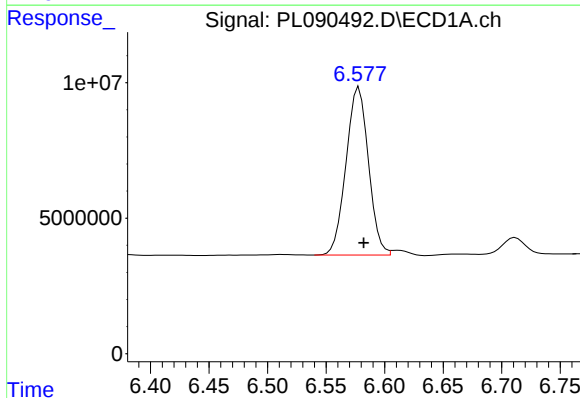
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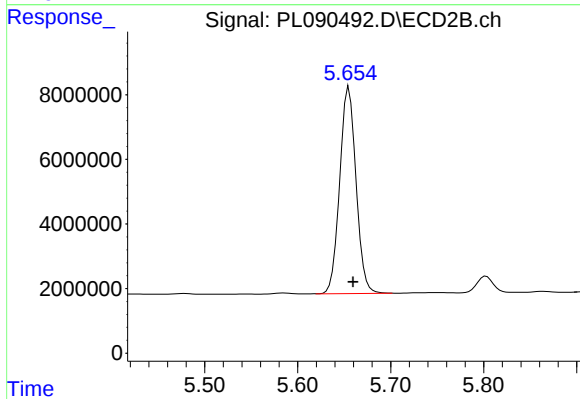
#12 4,4'-DDE

R.T.: 5.247 min
Delta R.T.: -0.005 min
Response: 328053
Conc: 0.20 ng/ml m



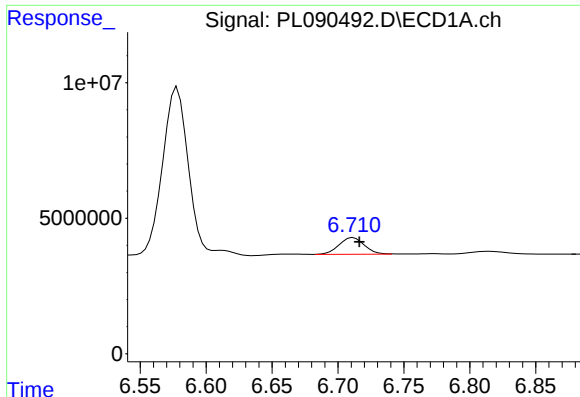
#14 Endrin

R.T.: 6.577 min
Delta R.T.: -0.005 min
Response: 82825522
Conc: 39.06 ng/ml m



#14 Endrin

R.T.: 5.654 min
Delta R.T.: -0.006 min
Response: 78095362
Conc: 47.23 ng/ml m



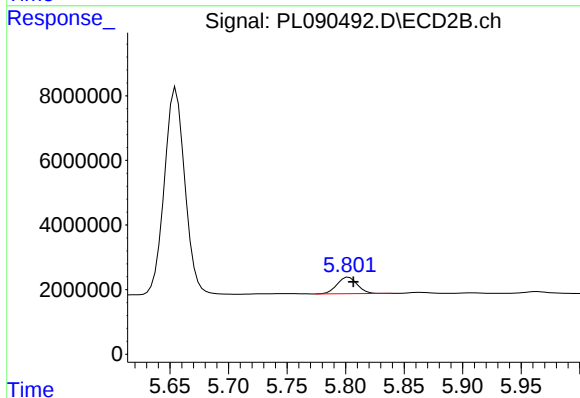
#16 4,4'-DDD

R.T.: 6.710 min
Delta R.T.: -0.006 min
Response: 8182777
Conc: 4.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

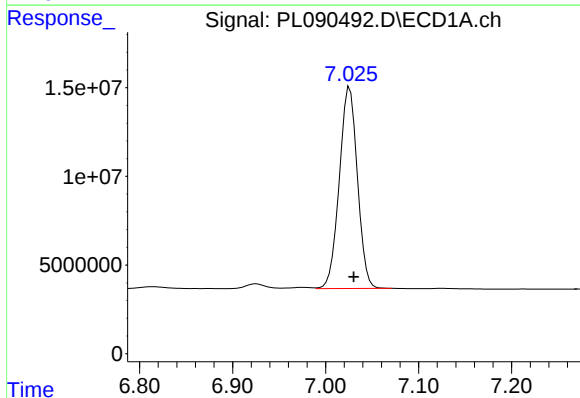
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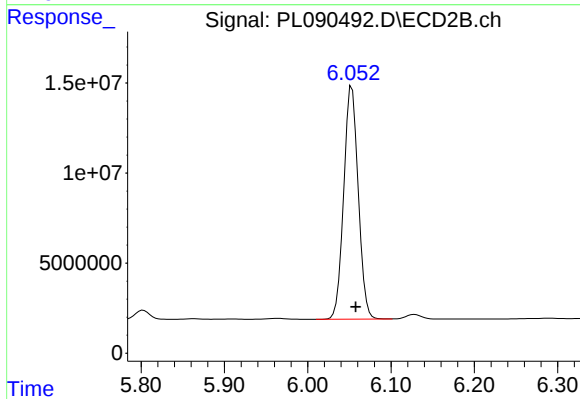
#16 4,4'-DDD

R.T.: 5.803 min
Delta R.T.: -0.004 min
Response: 6148343
Conc: 4.49 ng/ml



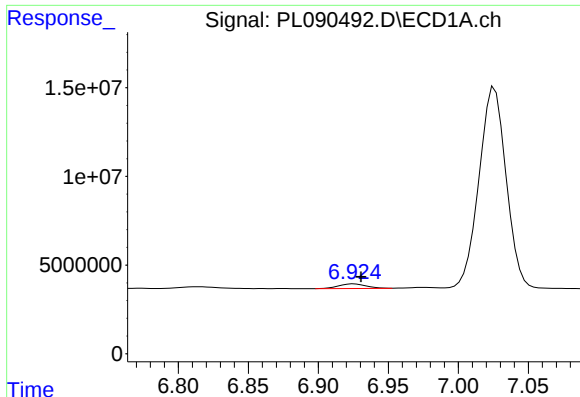
#17 4,4'-DDT

R.T.: 7.026 min
Delta R.T.: -0.004 min
Response: 153648164
Conc: 80.07 ng/ml



#17 4,4'-DDT

R.T.: 6.052 min
Delta R.T.: -0.006 min
Response: 156326595
Conc: 105.62 ng/ml m



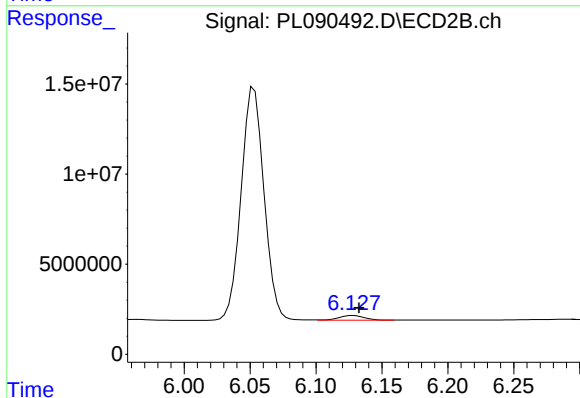
#18 Endrin aldehyde

R.T.: 6.924 min
Delta R.T.: -0.006 min
Response: 3522607
Conc: 2.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

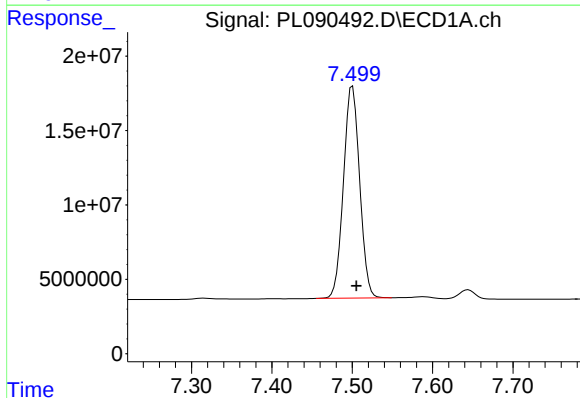
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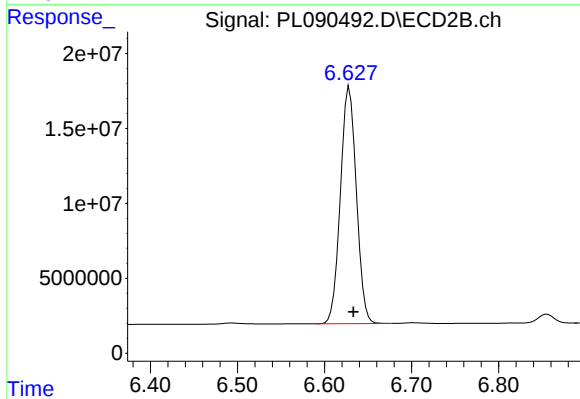
#18 Endrin aldehyde

R.T.: 6.128 min
Delta R.T.: -0.004 min
Response: 3391033
Conc: 2.66 ng/ml



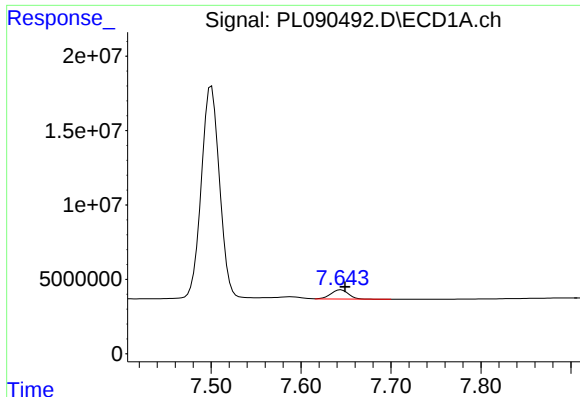
#20 Methoxychlor

R.T.: 7.499 min
Delta R.T.: -0.006 min
Response: 199481652
Conc: 193.57 ng/ml m



#20 Methoxychlor

R.T.: 6.627 min
Delta R.T.: -0.006 min
Response: 201586170
Conc: 241.63 ng/ml m



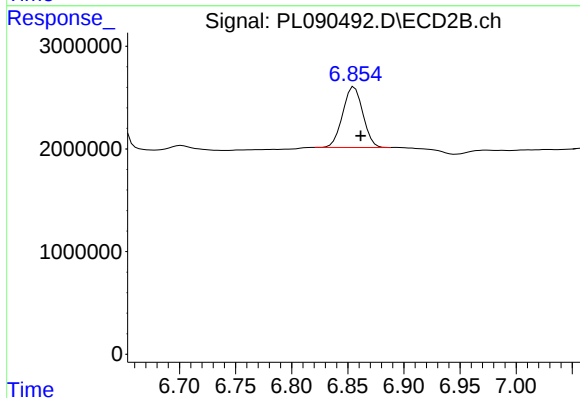
#21 Endrin ketone

R.T.: 7.644 min
Delta R.T.: -0.005 min
Response: 8436498
Conc: 3.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

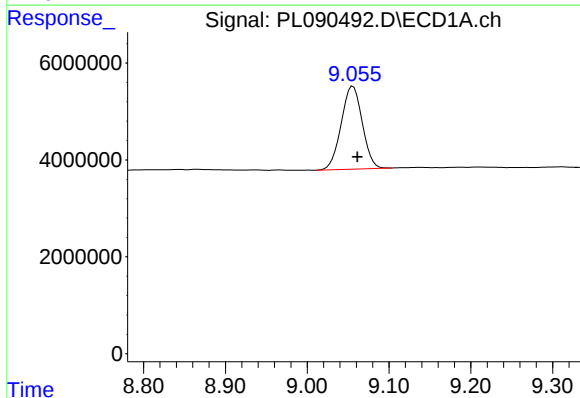
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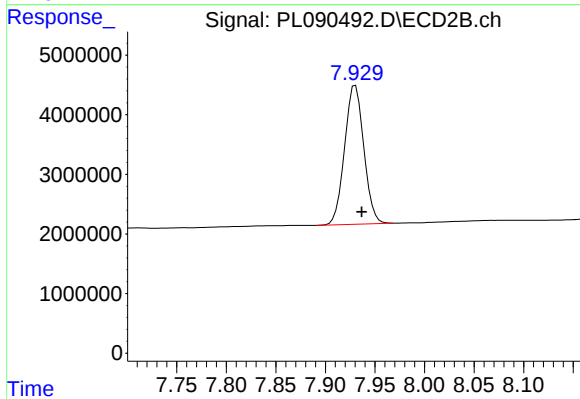
#21 Endrin ketone

R.T.: 6.856 min
Delta R.T.: -0.006 min
Response: 7381294
Conc: 4.12 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.056 min
Delta R.T.: -0.006 min
Response: 30506079
Conc: 19.78 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.929 min
Delta R.T.: -0.008 min
Response: 31429906
Conc: 21.07 ng/ml m