

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072424\
 Data File : PL090635.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Jul 2024 11:12
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 07/25/2024
 Supervised By :Ankita Jodhani 07/25/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 25 01:01:46 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL071524.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 15 14:16:48 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	44503926	35658606	21.374m	21.188
28)	SA Decachlor...	9.060	7.933	32445278	33632283	24.416m	23.066
Target Compounds							
2)	A alpha-BHC	4.000	3.290	32681730	23560095	11.014m	9.751m
3)	MA gamma-BHC...	4.333	3.621	31497094	22677664	11.247m	9.834m
6)	B beta-BHC	4.529	3.921	17048437	11726413	13.440m	11.361
12)	B 4,4'-DDE	6.198	5.249	1008157	589118	0.499m	0.330m#
14)	MA Endrin	6.580	5.657	83468299	78603079	45.402m	45.670
16)	A 4,4'-DDD	6.714	5.804	9108149	6786014	5.395m	4.529
17)	MA 4,4'-DDT	7.030	6.055	153.7E6	157.7E6	91.294	107.635
18)	B Endrin al...	6.928	6.130	4181333	4145461	2.818m	3.173
20)	A Methoxychlor	7.504	6.629	196.2E6	196.1E6	222.203m	242.573m
21)	B Endrin ke...	7.647	6.858	9600719	8621888	5.029m	4.718

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

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Acq On : 24 Jul 2024 11:12
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

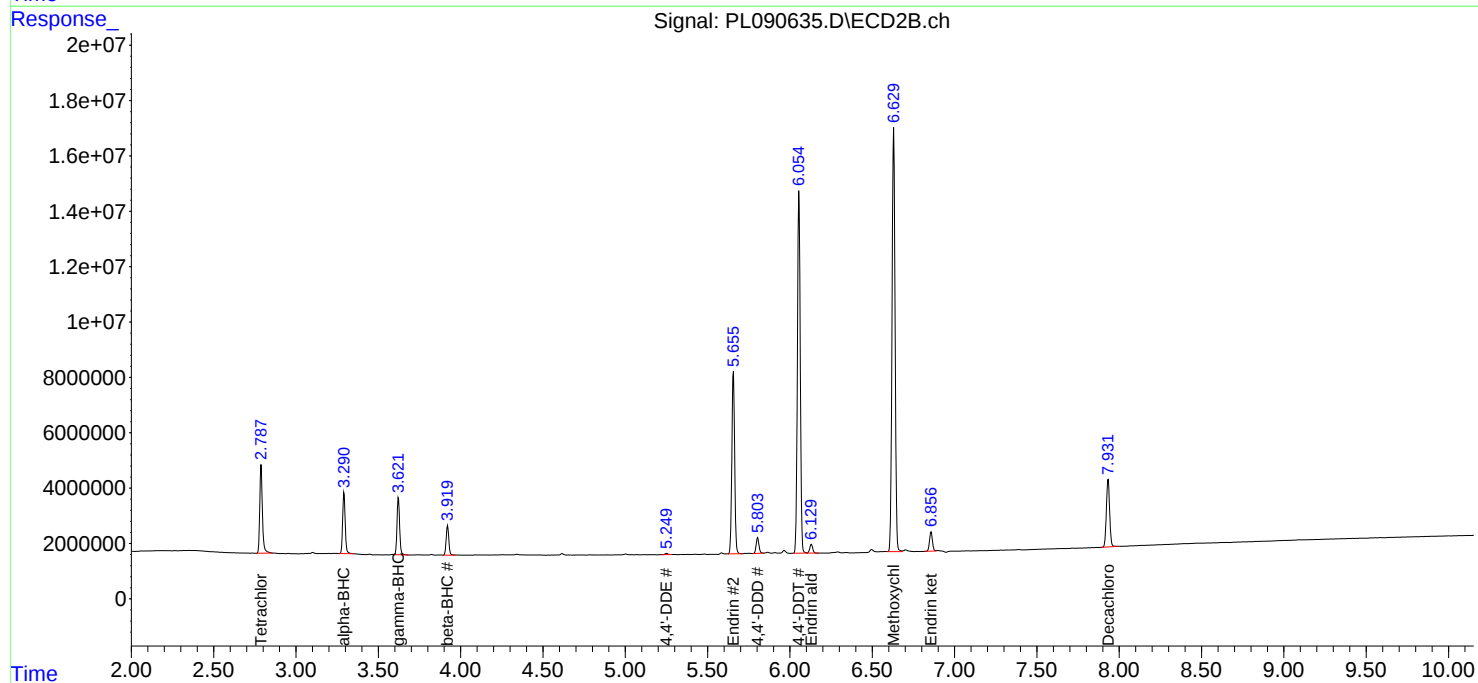
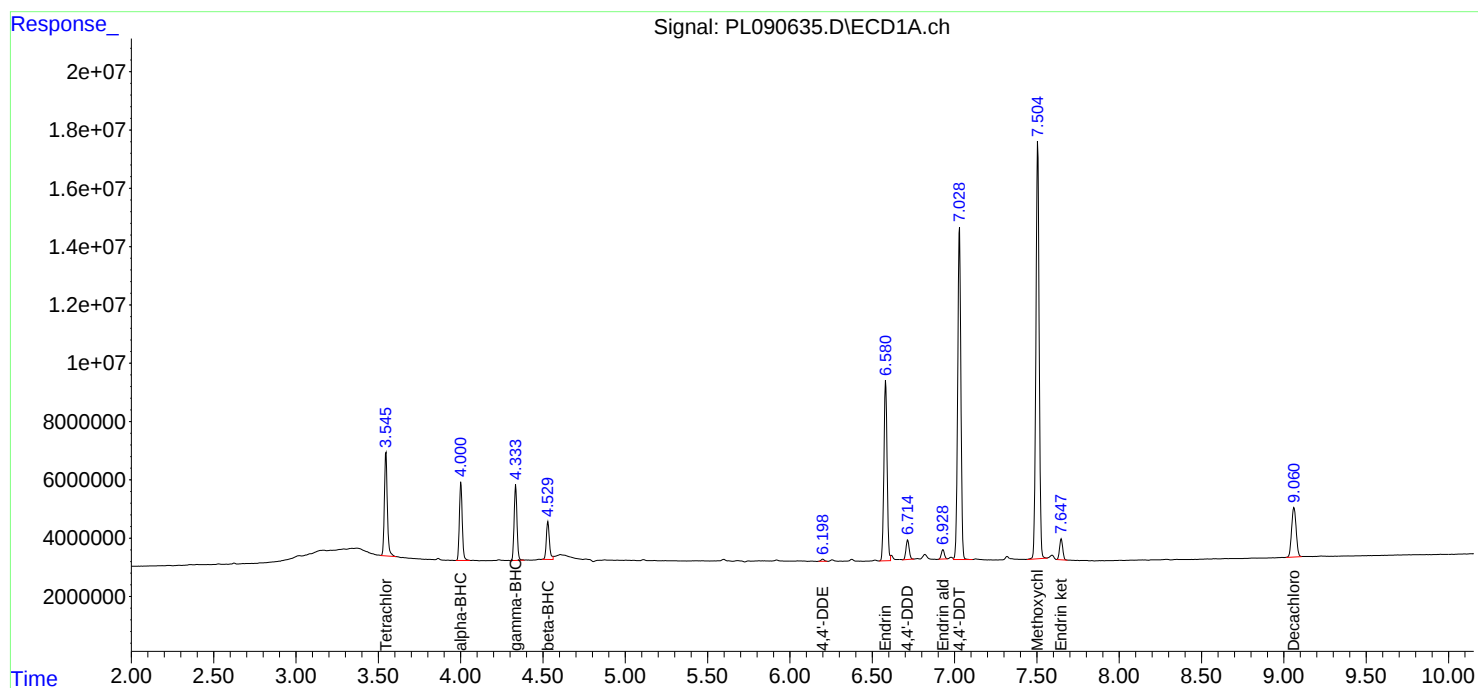
Instrument :
ECD_L
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PEM

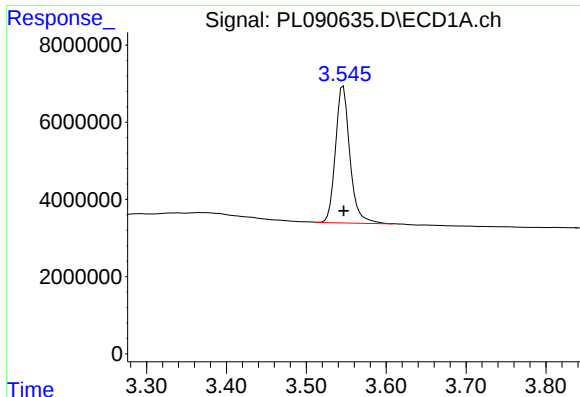
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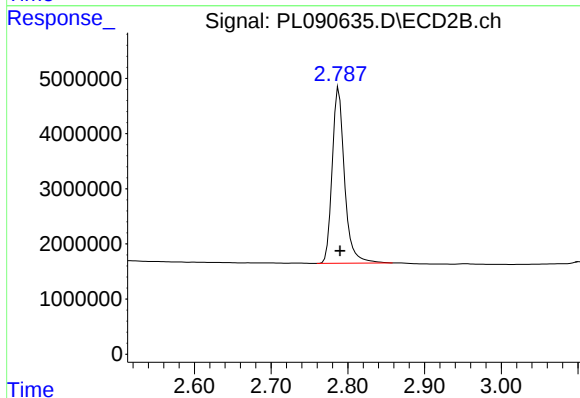
#1 Tetrachloro-m-xylene

R.T.: 3.545 min
Delta R.T.: -0.002 min
Response: 44503926
Conc: 21.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

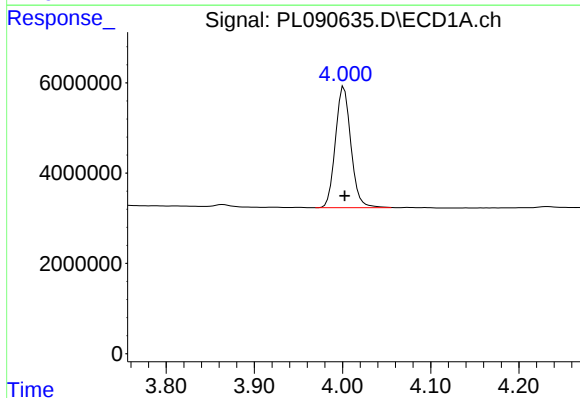
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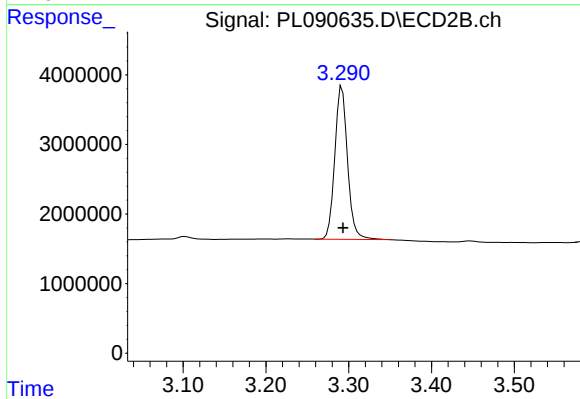
#1 Tetrachloro-m-xylene

R.T.: 2.788 min
Delta R.T.: -0.002 min
Response: 35658606
Conc: 21.19 ng/ml



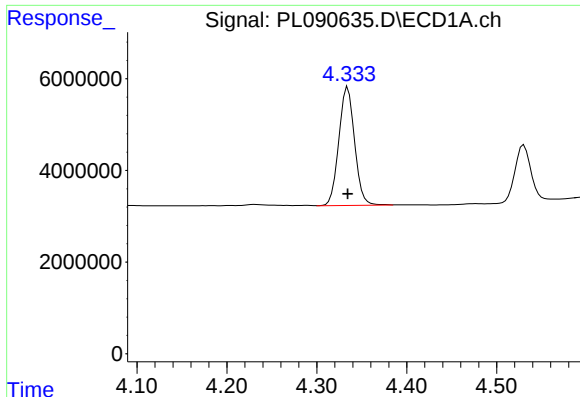
#2 alpha-BHC

R.T.: 4.000 min
Delta R.T.: -0.002 min
Response: 32681730
Conc: 11.01 ng/ml m



#2 alpha-BHC

R.T.: 3.290 min
Delta R.T.: -0.003 min
Response: 23560095
Conc: 9.75 ng/ml m



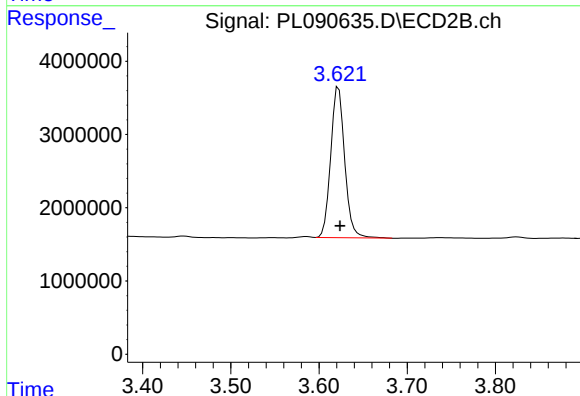
#3 gamma-BHC (Lindane)

R.T.: 4.333 min
Delta R.T.: -0.001 min
Response: 31497094
Conc: 11.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

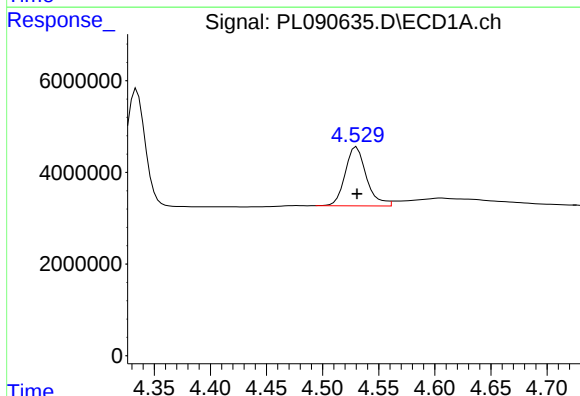
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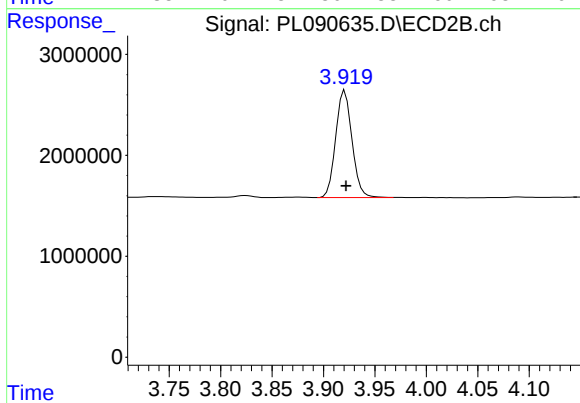
#3 gamma-BHC (Lindane)

R.T.: 3.621 min
Delta R.T.: -0.003 min
Response: 22677664
Conc: 9.83 ng/ml m



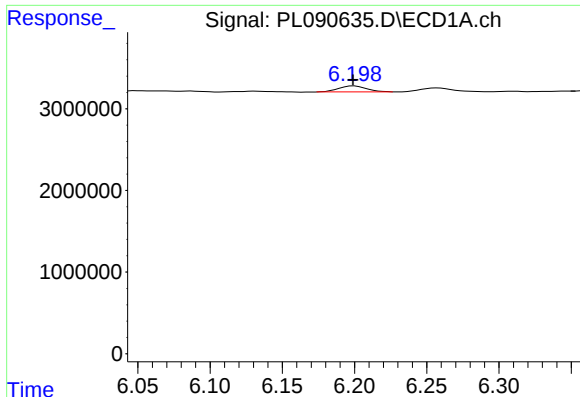
#6 beta-BHC

R.T.: 4.529 min
Delta R.T.: -0.002 min
Response: 17048437
Conc: 13.44 ng/ml m



#6 beta-BHC

R.T.: 3.921 min
Delta R.T.: -0.001 min
Response: 11726413
Conc: 11.36 ng/ml



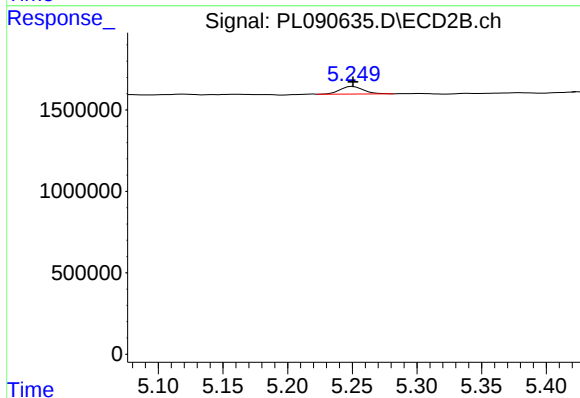
#12 4,4'-DDE

R.T.: 6.198 min
Delta R.T.: 0.000 min
Response: 1008157
Conc: 0.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

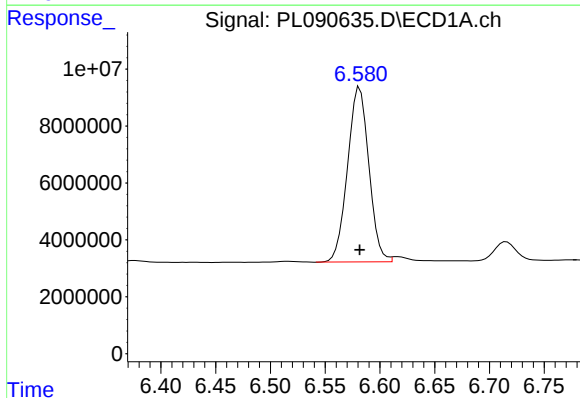
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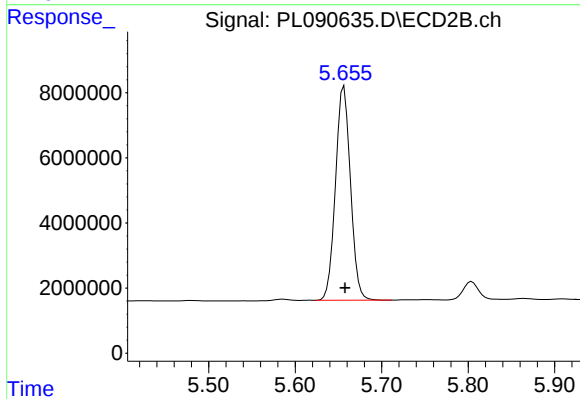
#12 4,4'-DDE

R.T.: 5.249 min
Delta R.T.: -0.001 min
Response: 589118
Conc: 0.33 ng/ml m



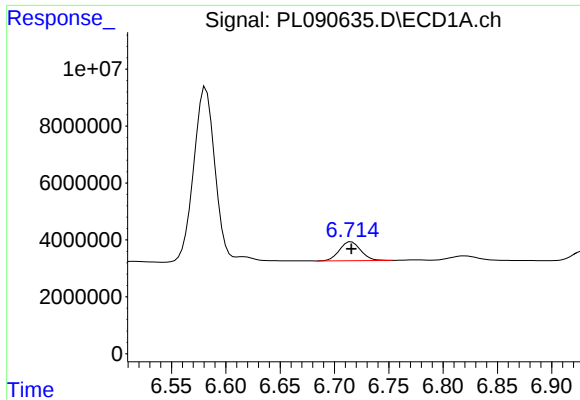
#14 Endrin

R.T.: 6.580 min
Delta R.T.: -0.001 min
Response: 83468299
Conc: 45.40 ng/ml m



#14 Endrin

R.T.: 5.657 min
Delta R.T.: -0.001 min
Response: 78603079
Conc: 45.67 ng/ml



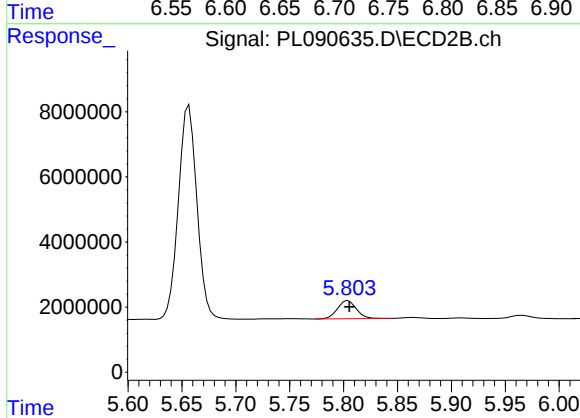
#16 4,4'-DDD

R.T.: 6.714 min
Delta R.T.: -0.002 min
Response: 9108149
Conc: 5.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

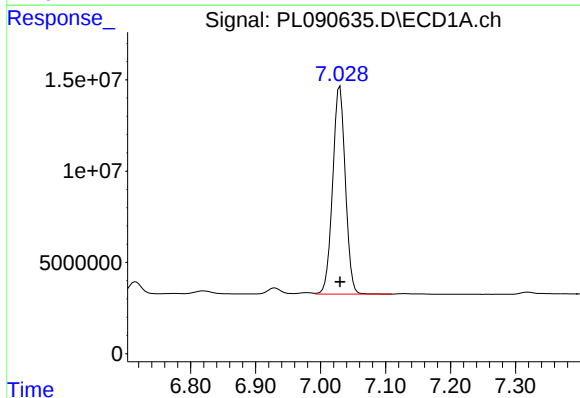
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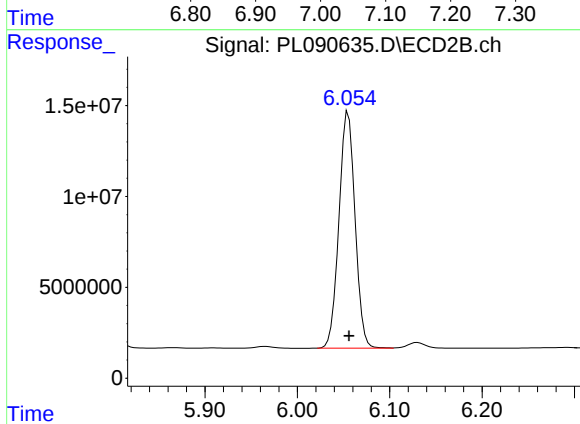
#16 4,4'-DDD

R.T.: 5.804 min
Delta R.T.: 0.000 min
Response: 6786014
Conc: 4.53 ng/ml



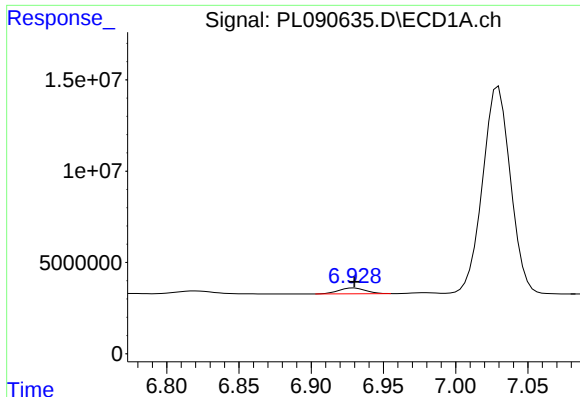
#17 4,4'-DDT

R.T.: 7.030 min
Delta R.T.: 0.000 min
Response: 153674414
Conc: 91.29 ng/ml



#17 4,4'-DDT

R.T.: 6.055 min
Delta R.T.: 0.000 min
Response: 157702655
Conc: 107.64 ng/ml



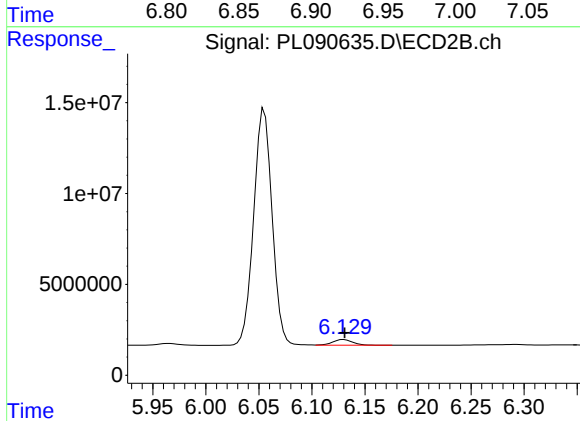
#18 Endrin aldehyde

R.T.: 6.928 min
Delta R.T.: -0.002 min
Response: 4181333
Conc: 2.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

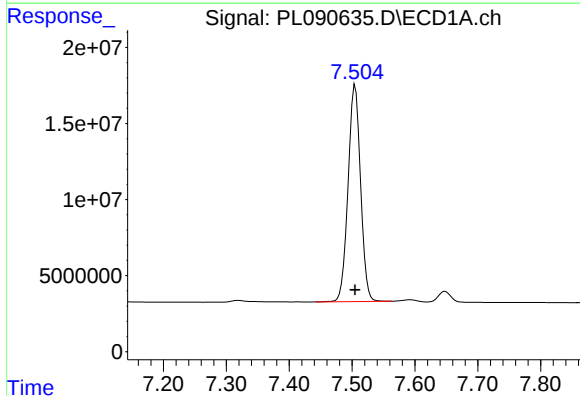
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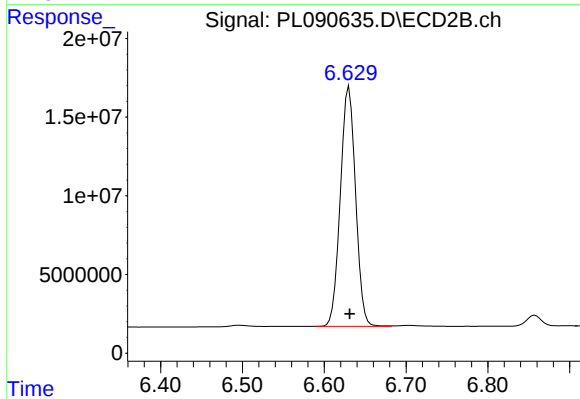
#18 Endrin aldehyde

R.T.: 6.130 min
Delta R.T.: 0.000 min
Response: 4145461
Conc: 3.17 ng/ml



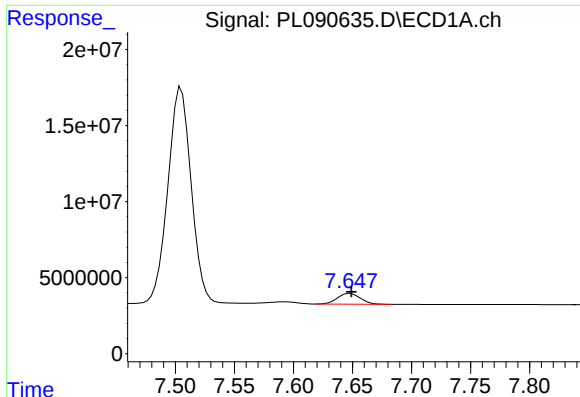
#20 Methoxychlor

R.T.: 7.504 min
Delta R.T.: -0.001 min
Response: 196185240
Conc: 222.20 ng/ml m



#20 Methoxychlor

R.T.: 6.629 min
Delta R.T.: -0.002 min
Response: 196131746
Conc: 242.57 ng/ml m



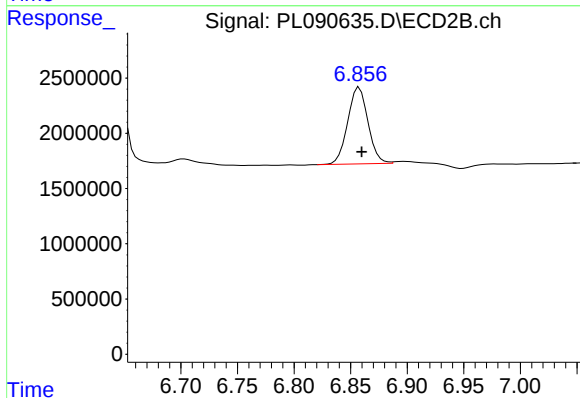
#21 Endrin ketone

R.T.: 7.647 min
Delta R.T.: -0.003 min
Response: 9600719
Conc: 5.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

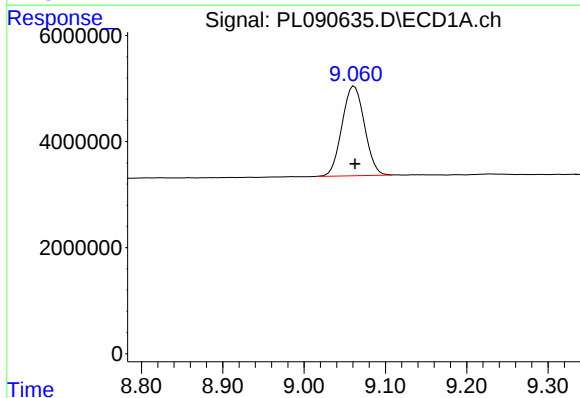
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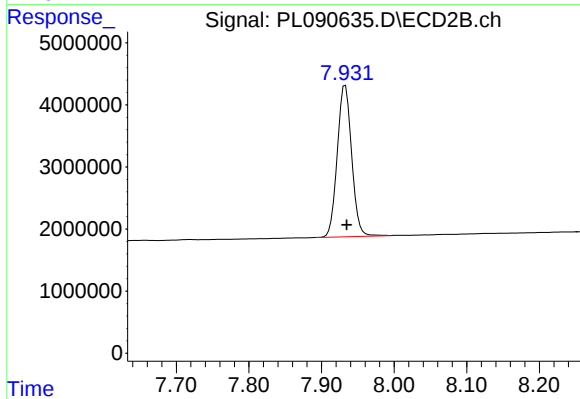
#21 Endrin ketone

R.T.: 6.858 min
Delta R.T.: -0.002 min
Response: 8621888
Conc: 4.72 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.060 min
Delta R.T.: -0.002 min
Response: 32445278
Conc: 24.42 ng/ml m



#28 Decachlorobiphenyl

R.T.: 7.933 min
Delta R.T.: -0.002 min
Response: 33632283
Conc: 23.07 ng/ml