

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL080524\
 Data File : PL090770.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Aug 2024 14:40
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 08/06/2024
 Supervised By :Ankita Jodhani 08/06/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 06 10:57:39 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	40169894	34069693	20.746	19.707
28)	SA Decachlor...	9.060	7.931	30520589	34749522	21.243	20.818
Target Compounds							
2)	A alpha-BHC	4.000	3.290	29295302	23947985	10.606	9.721
3)	MA gamma-BHC...	4.333	3.621	27871972	22196462	10.597	9.481
6)	B beta-BHC	4.530	3.919	13714996	11150476	10.894	10.483
12)	B 4,4'-DDE	6.198	5.247	760294	475812	0.384m	0.254m#
14)	MA Endrin	6.580	5.654	82295822	86371635	44.935	47.270
16)	A 4,4'-DDD	6.716	5.803	1602721	1468098	0.972	0.946
17)	MA 4,4'-DDT	7.029	6.053	158.6E6	178.5E6	88.939	107.643
18)	B Endrin al...	6.929	6.128	2250034	3215503	1.494	2.271 #
20)	A Methoxychlor	7.504	6.628	204.5E6	225.3E6	214.314	244.096
21)	B Endrin ke...	7.646	6.856	5251083	3997453	2.650m	2.017

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

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Acq On : 05 Aug 2024 14:40
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

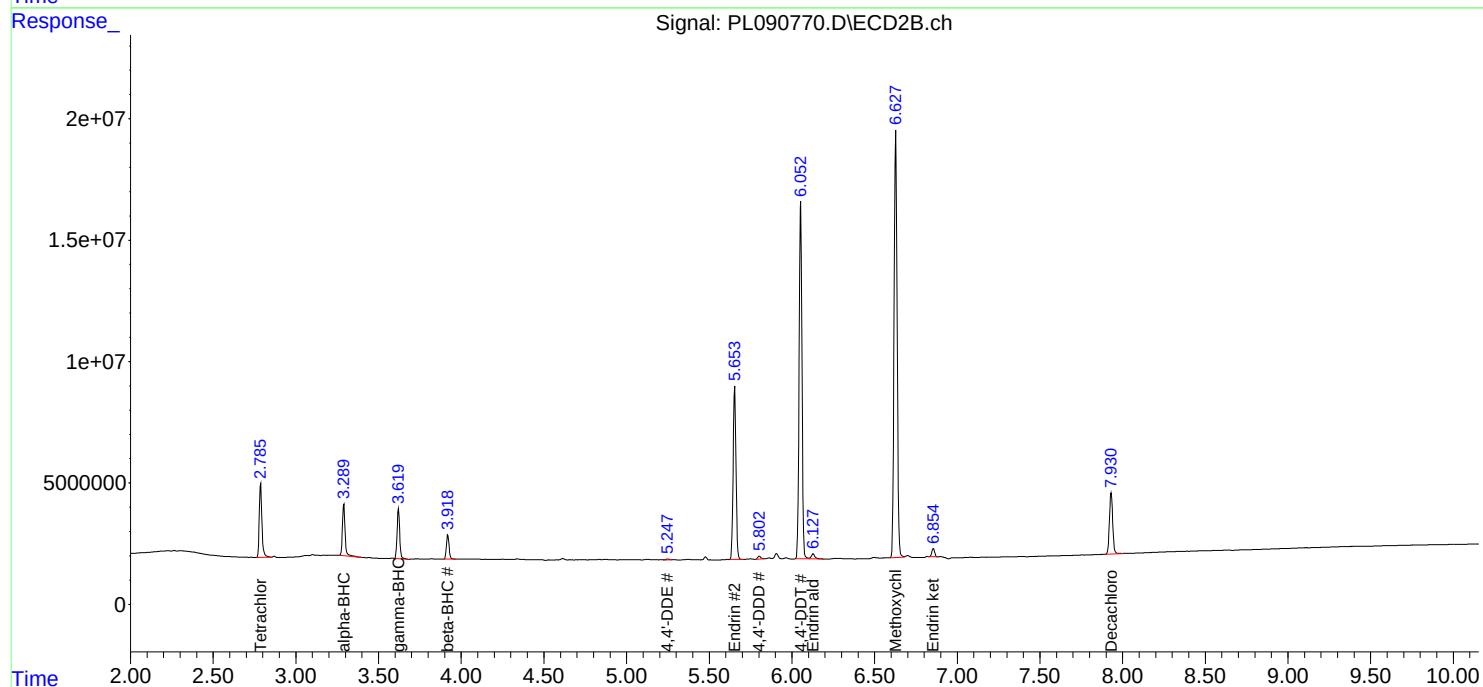
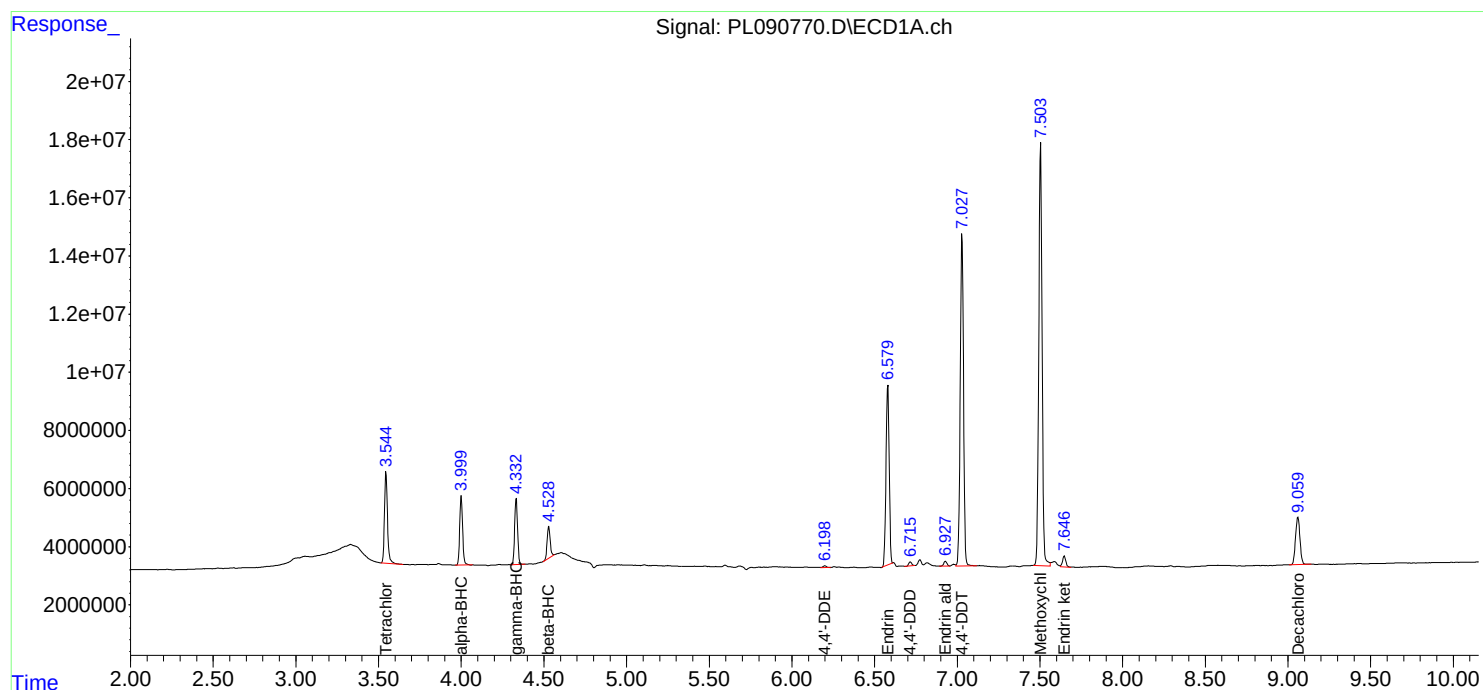
Instrument :
ECD_L
ClientSampleId :
PEM

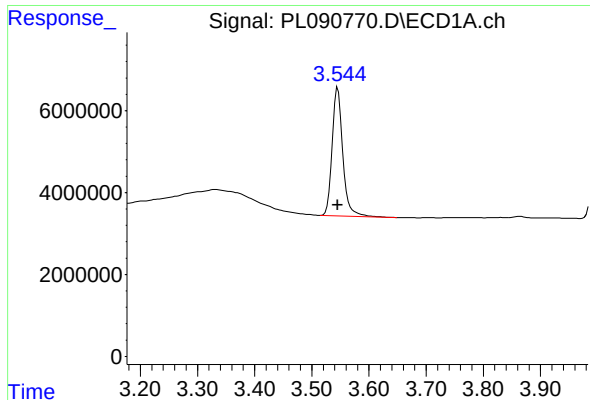
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Integration File signal 1: autoint1.e
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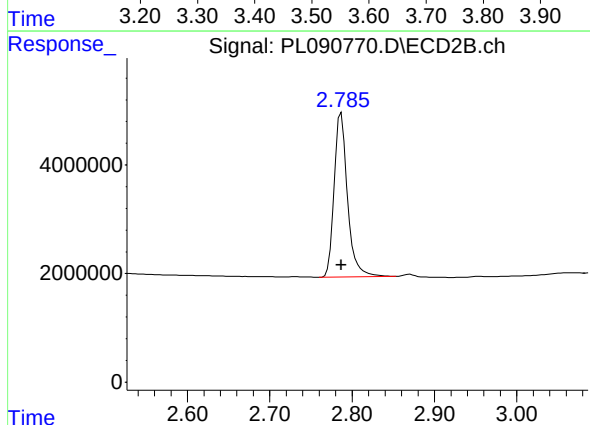
#1 Tetrachloro-m-xylene

R.T.: 3.545 min
Delta R.T.: 0.000 min
Response: 40169894
Conc: 20.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

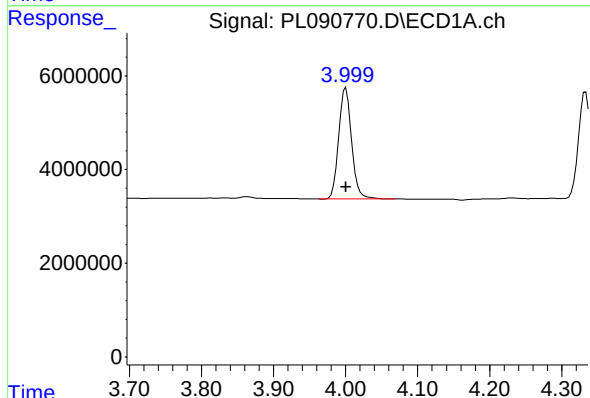
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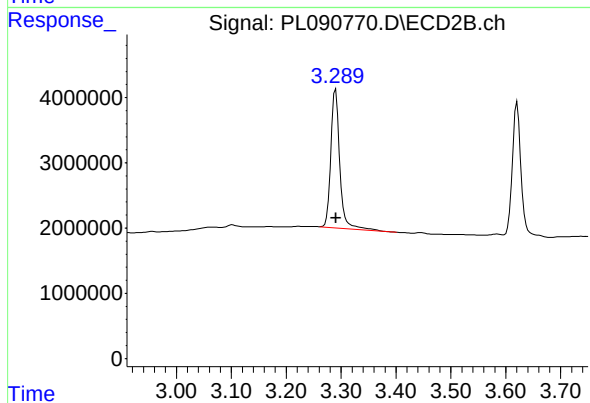
#1 Tetrachloro-m-xylene

R.T.: 2.787 min
Delta R.T.: 0.000 min
Response: 34069693
Conc: 19.71 ng/ml



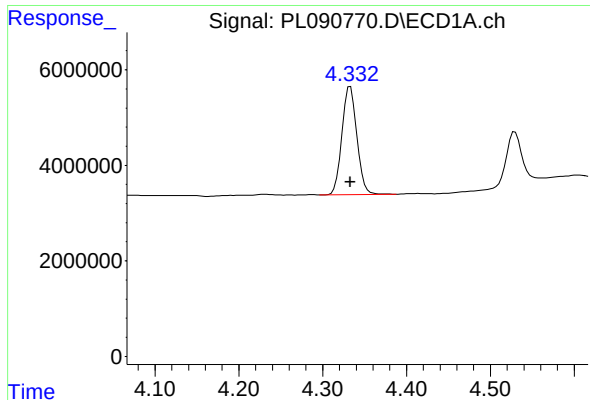
#2 alpha-BHC

R.T.: 4.000 min
Delta R.T.: 0.000 min
Response: 29295302
Conc: 10.61 ng/ml



#2 alpha-BHC

R.T.: 3.290 min
Delta R.T.: 0.000 min
Response: 23947985
Conc: 9.72 ng/ml



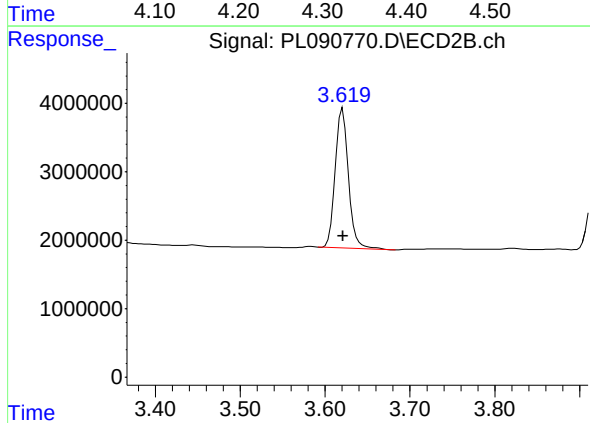
#3 gamma-BHC (Lindane)

R.T.: 4.333 min
Delta R.T.: 0.000 min
Response: 27871972
Conc: 10.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

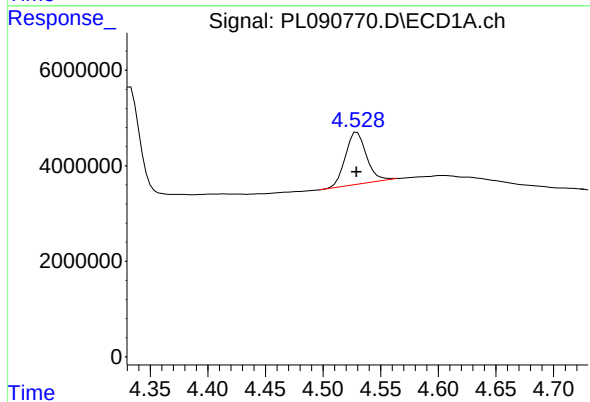
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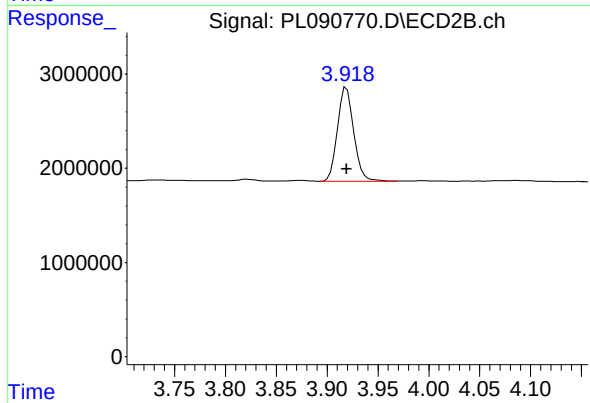
#3 gamma-BHC (Lindane)

R.T.: 3.621 min
Delta R.T.: 0.000 min
Response: 22196462
Conc: 9.48 ng/ml



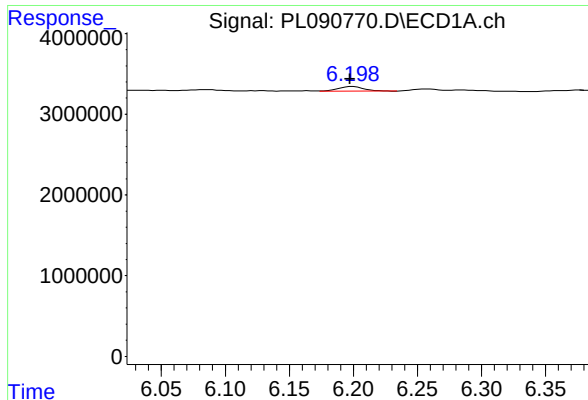
#6 beta-BHC

R.T.: 4.530 min
Delta R.T.: 0.000 min
Response: 13714996
Conc: 10.89 ng/ml



#6 beta-BHC

R.T.: 3.919 min
Delta R.T.: 0.000 min
Response: 11150476
Conc: 10.48 ng/ml



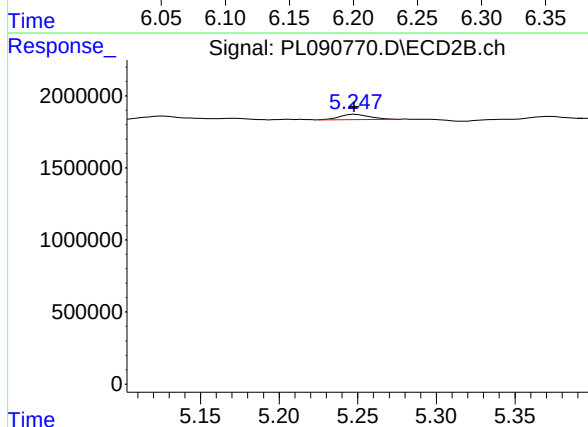
#12 4,4'-DDE

R.T.: 6.198 min
Delta R.T.: 0.000 min
Response: 760294
Conc: 0.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

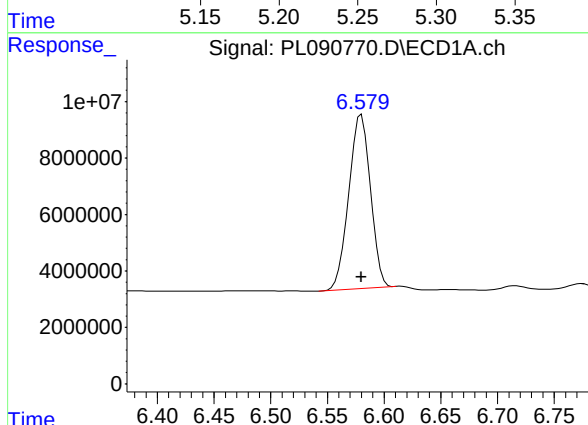
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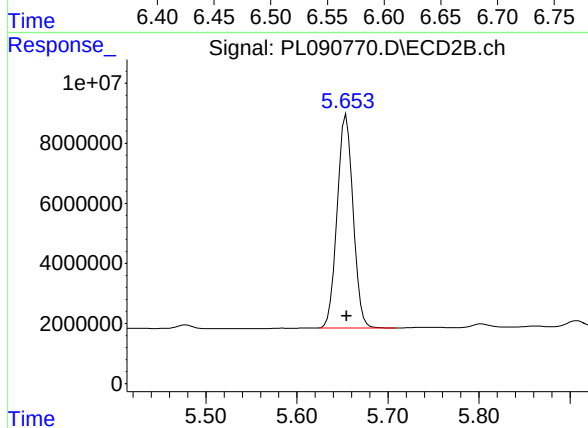
#12 4,4'-DDE

R.T.: 5.247 min
Delta R.T.: 0.000 min
Response: 475812
Conc: 0.25 ng/ml



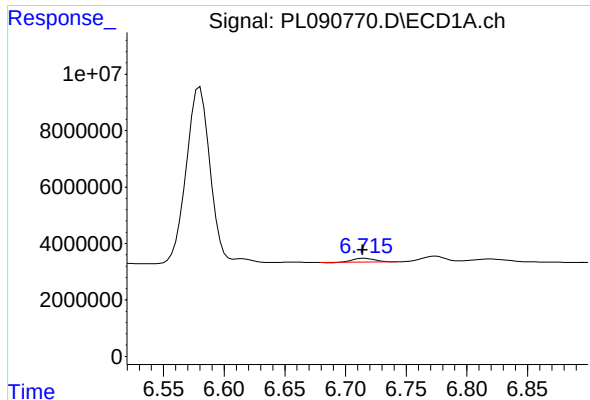
#14 Endrin

R.T.: 6.580 min
Delta R.T.: 0.000 min
Response: 82295822
Conc: 44.94 ng/ml



#14 Endrin

R.T.: 5.654 min
Delta R.T.: 0.000 min
Response: 86371635
Conc: 47.27 ng/ml



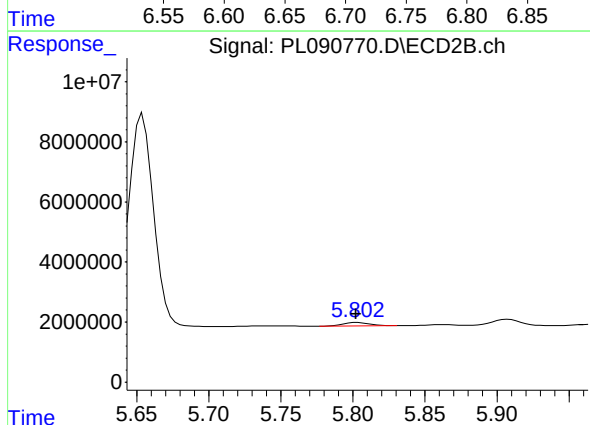
#16 4,4'-DDD

R.T.: 6.716 min
Delta R.T.: 0.002 min
Response: 1602721
Conc: 0.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

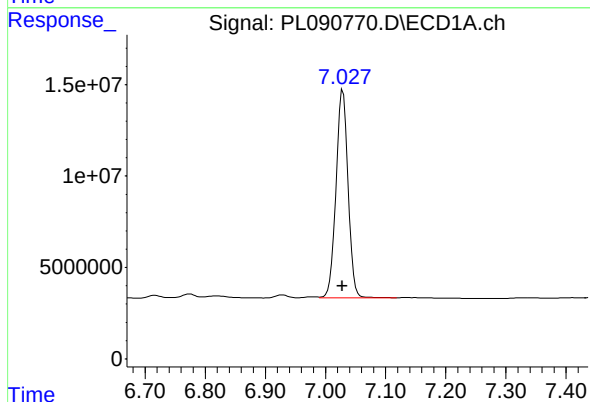
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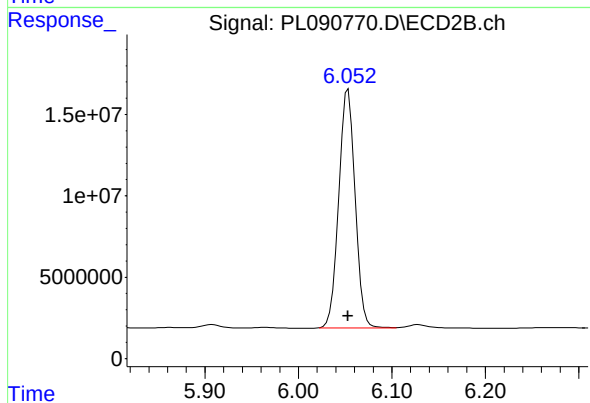
#16 4,4'-DDD

R.T.: 5.803 min
Delta R.T.: 0.000 min
Response: 1468098
Conc: 0.95 ng/ml



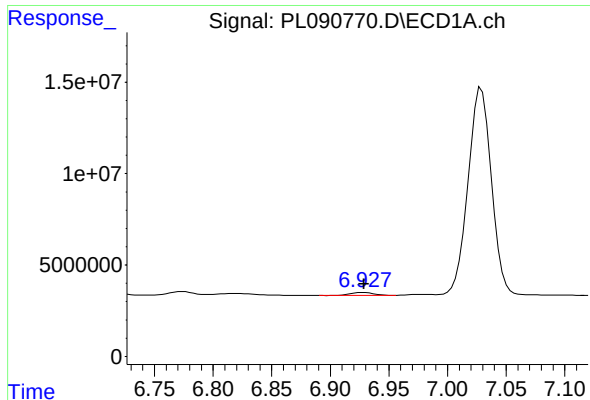
#17 4,4'-DDT

R.T.: 7.029 min
Delta R.T.: 0.000 min
Response: 158558613
Conc: 88.94 ng/ml



#17 4,4'-DDT

R.T.: 6.053 min
Delta R.T.: 0.000 min
Response: 178501783
Conc: 107.64 ng/ml



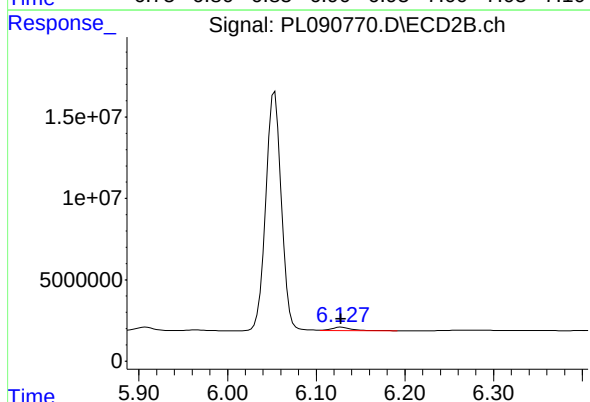
#18 Endrin aldehyde

R.T.: 6.929 min
Delta R.T.: 0.000 min
Response: 2250034
Conc: 1.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

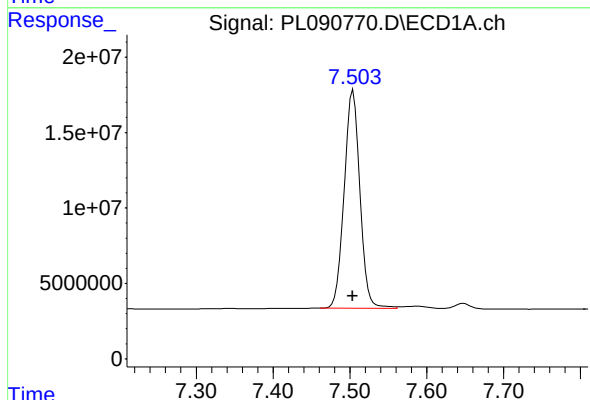
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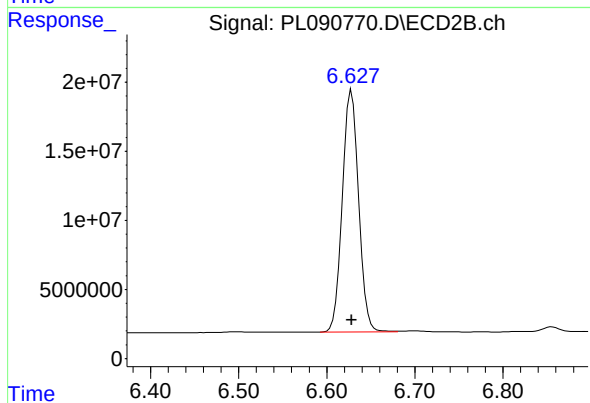
#18 Endrin aldehyde

R.T.: 6.128 min
Delta R.T.: 0.000 min
Response: 3215503
Conc: 2.27 ng/ml



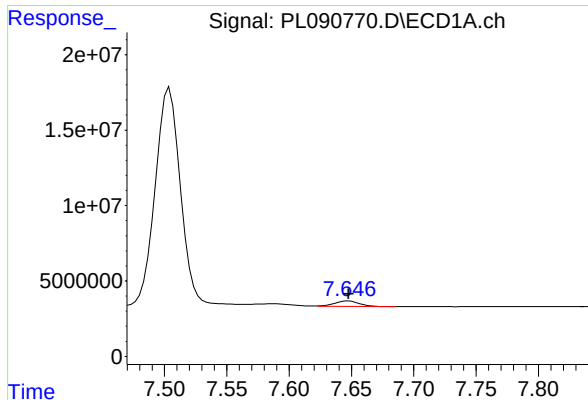
#20 Methoxychlor

R.T.: 7.504 min
Delta R.T.: 0.000 min
Response: 204506866
Conc: 214.31 ng/ml



#20 Methoxychlor

R.T.: 6.628 min
Delta R.T.: 0.000 min
Response: 225309058
Conc: 244.10 ng/ml



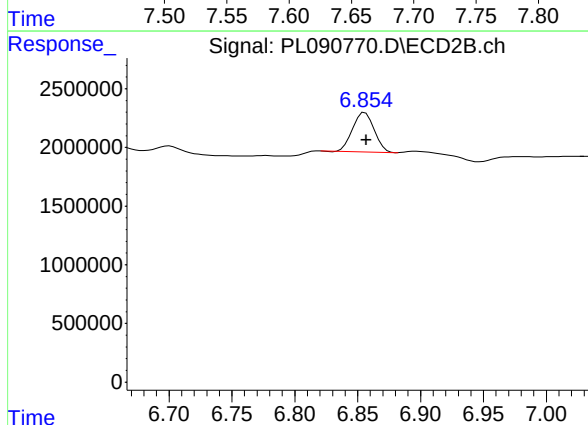
#21 Endrin ketone

R.T.: 7.646 min
Delta R.T.: -0.001 min
Response: 5251083
Conc: 2.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

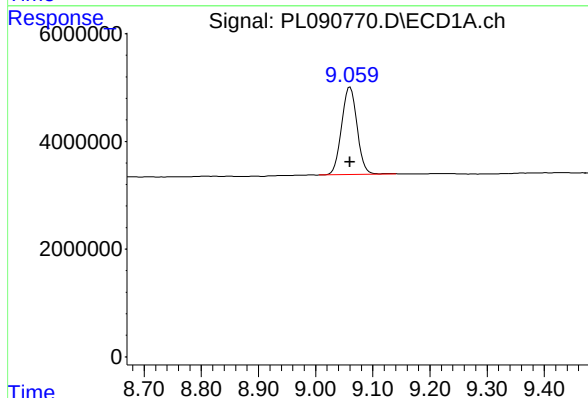
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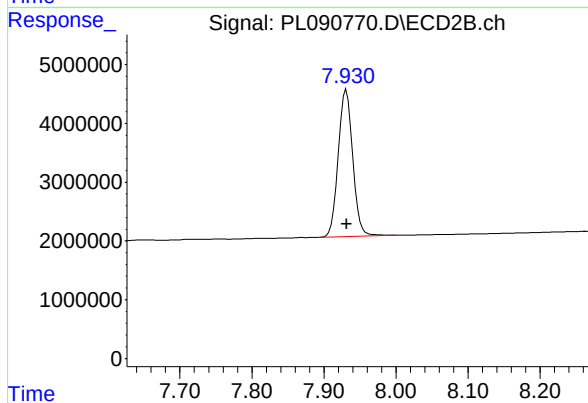
#21 Endrin ketone

R.T.: 6.856 min
Delta R.T.: -0.001 min
Response: 3997453
Conc: 2.02 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.060 min
Delta R.T.: 0.000 min
Response: 30520589
Conc: 21.24 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.931 min
Delta R.T.: 0.000 min
Response: 34749522
Conc: 20.82 ng/ml