

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL080224\
 Data File : PL090741.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Aug 2024 08:48
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 08/05/2024
 Supervised By : Ankita Jodhani 08/05/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 03 00:29:43 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...	3.547	2.789	45229125	38290194	21.722	22.752
28)	SA Decachlor...	9.060	7.930	32870453	34687796	24.736	23.790
Target Compounds							
2)	A alpha-BHC	4.001	3.292	34812803	25392434	11.732m	10.510
3)	MA gamma-BHC...	4.333	3.621	32958257	24219508	11.769m	10.503m
6)	B beta-BHC	4.530	3.921	15483716	12698473	12.206	12.302
12)	B 4,4'-DDE	6.196	5.247	685648	290160	0.339m	0.162m#
14)	MA Endrin	6.579	5.656	87912161	93394554	47.819m	54.264
16)	A 4,4'-DDD	6.713	5.803	10554932	7998211	6.252m	5.338
17)	MA 4,4'-DDT	7.029	6.054	159.3E6	168.1E6	94.640	114.750
18)	B Endrin al...	6.929	6.129	4303647	3738626	2.901	2.861
20)	A Methoxychlor	7.502	6.627	205.1E6	209.3E6	232.331m	258.887m
21)	B Endrin ke...	7.646	6.854	9323674	8039148	4.884m	4.399m

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

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Acq On : 02 Aug 2024 08:48
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Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

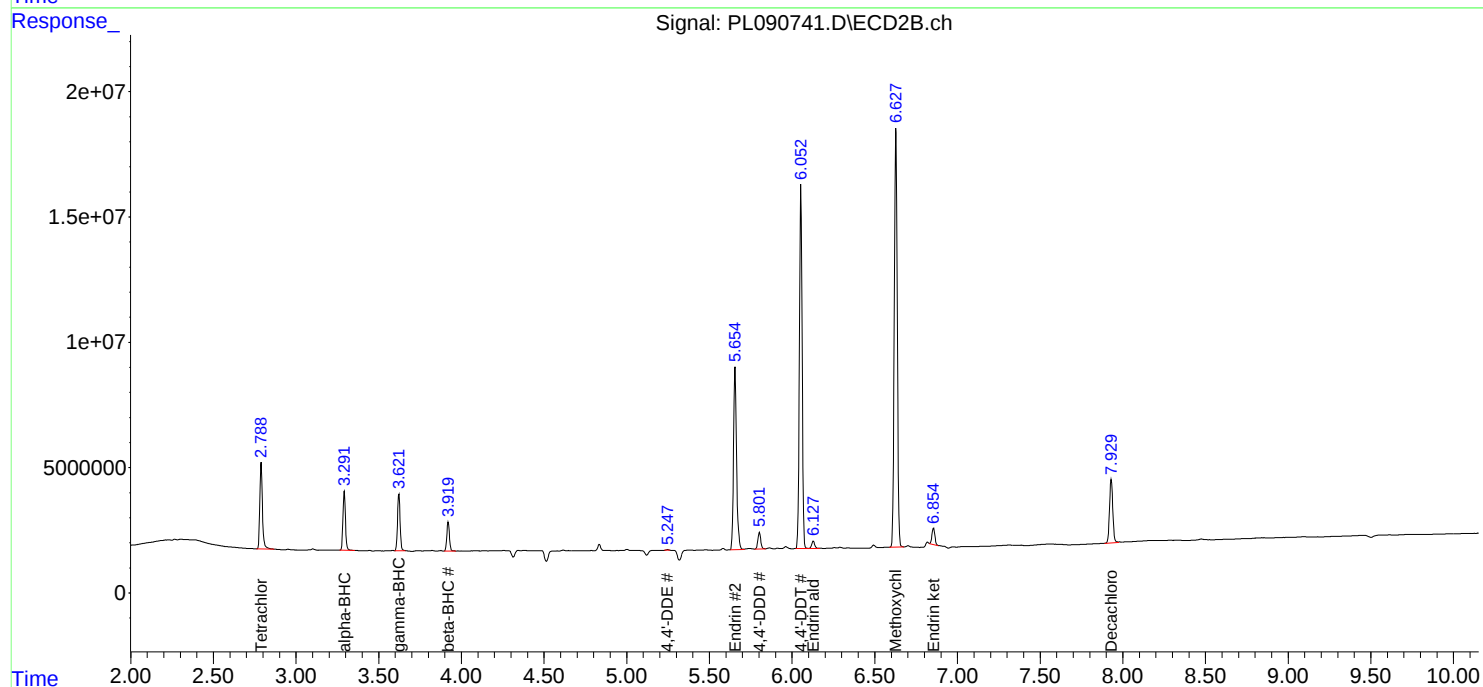
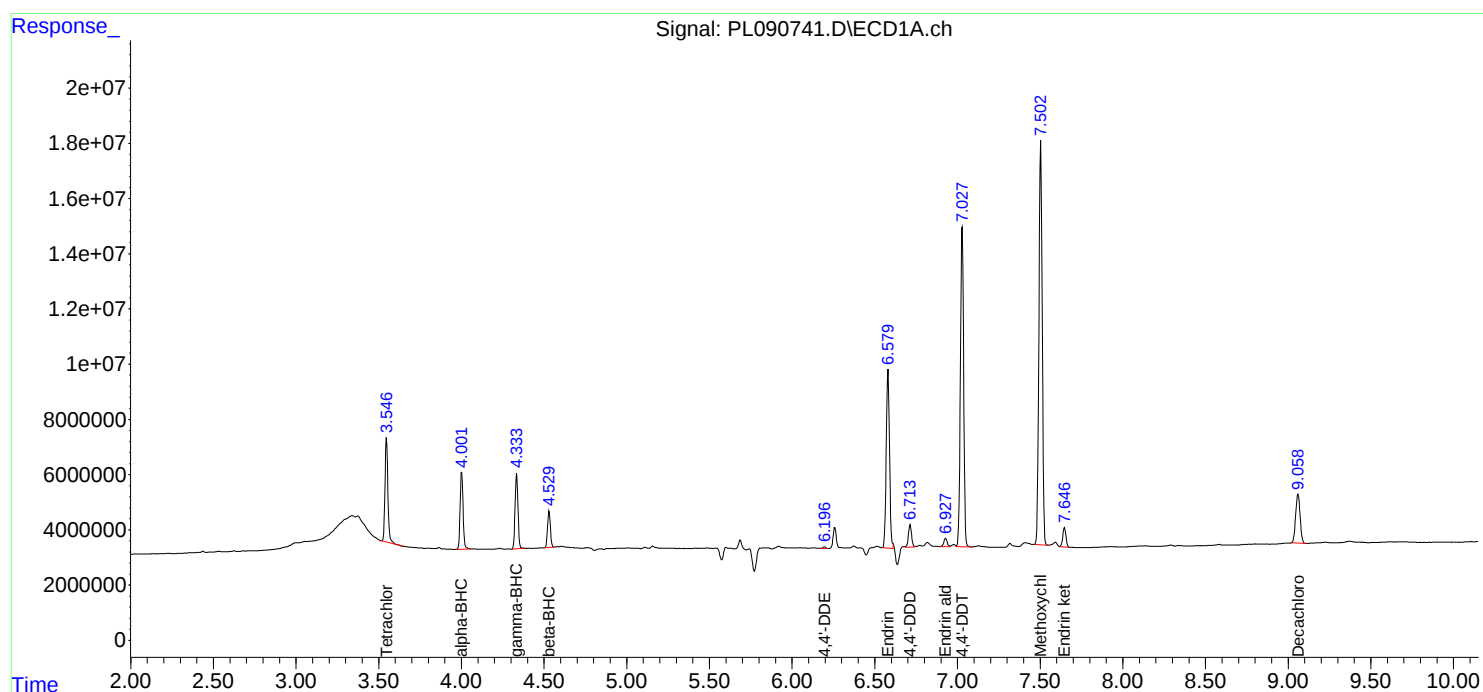
Instrument :
ECD_L
ClientSampleId :
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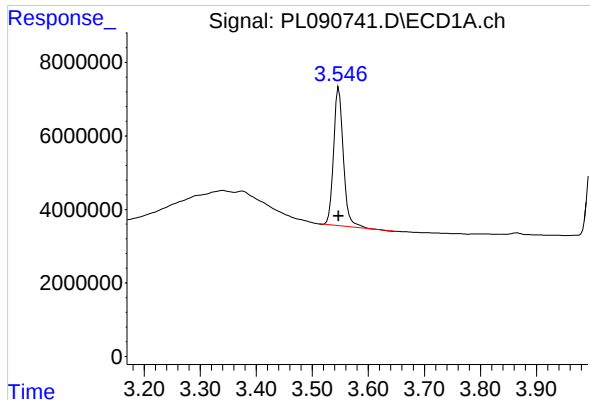
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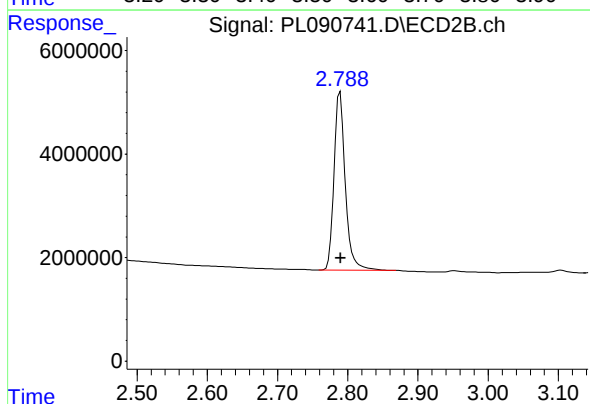
#1 Tetrachloro-m-xylene

R.T.: 3.547 min
Delta R.T.: 0.000 min
Response: 45229125
Conc: 21.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

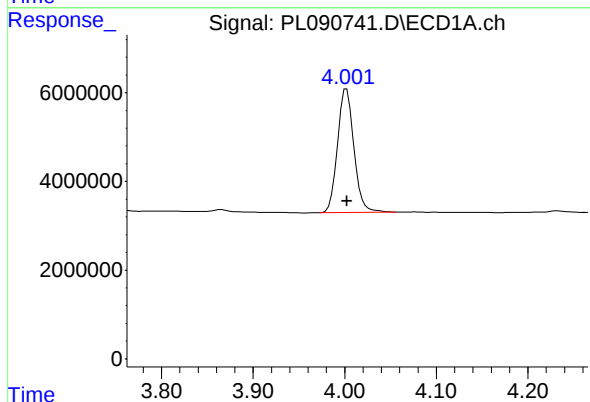
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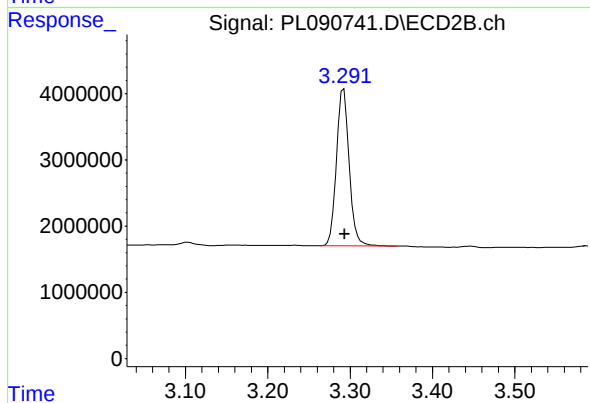
#1 Tetrachloro-m-xylene

R.T.: 2.789 min
Delta R.T.: 0.000 min
Response: 38290194
Conc: 22.75 ng/ml



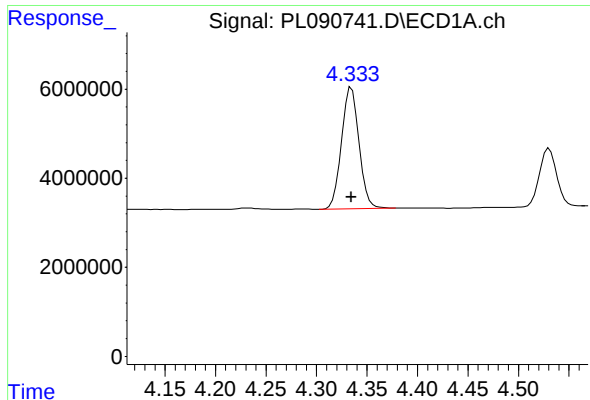
#2 alpha-BHC

R.T.: 4.001 min
Delta R.T.: -0.002 min
Response: 34812803
Conc: 11.73 ng/ml m



#2 alpha-BHC

R.T.: 3.292 min
Delta R.T.: -0.001 min
Response: 25392434
Conc: 10.51 ng/ml



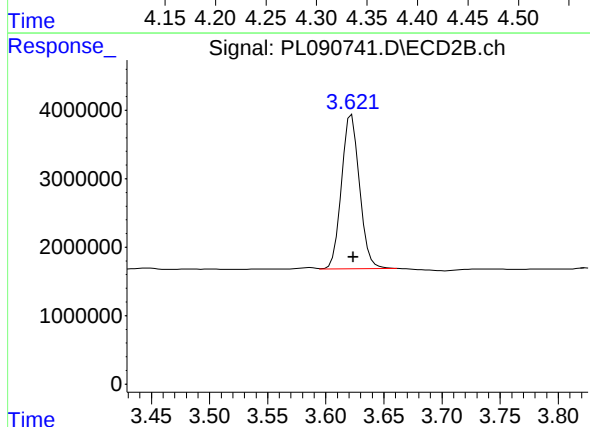
#3 gamma-BHC (Lindane)

R.T.: 4.333 min
Delta R.T.: -0.001 min
Response: 32958257
Conc: 11.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

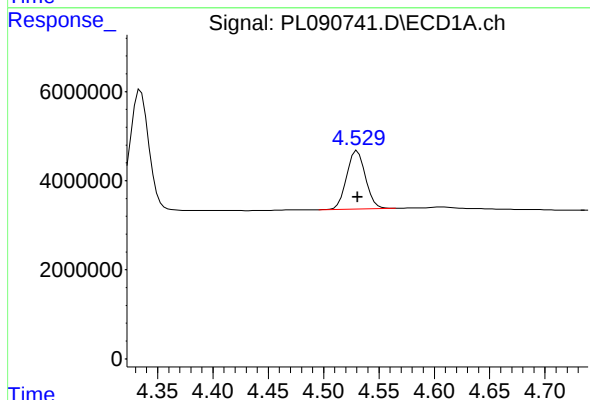
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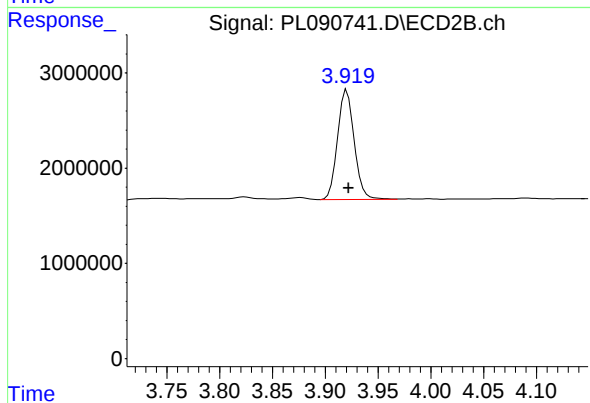
#3 gamma-BHC (Lindane)

R.T.: 3.621 min
Delta R.T.: -0.003 min
Response: 24219508
Conc: 10.50 ng/ml m



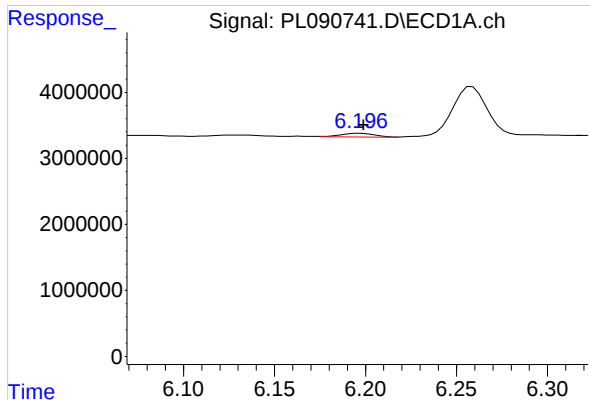
#6 beta-BHC

R.T.: 4.530 min
Delta R.T.: 0.000 min
Response: 15483716
Conc: 12.21 ng/ml



#6 beta-BHC

R.T.: 3.921 min
Delta R.T.: -0.001 min
Response: 12698473
Conc: 12.30 ng/ml



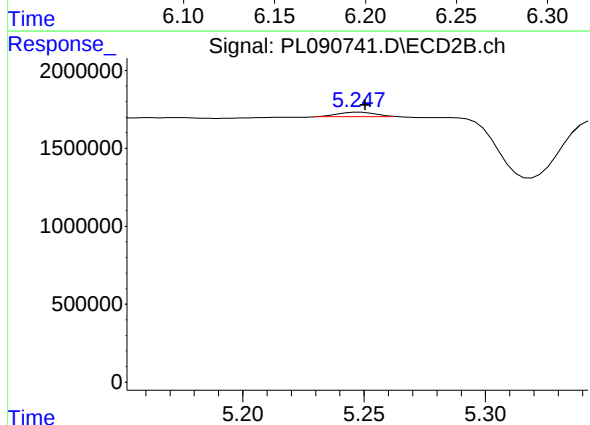
#12 4,4'-DDE

R.T.: 6.196 min
Delta R.T.: -0.003 min
Response: 685648
Conc: 0.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

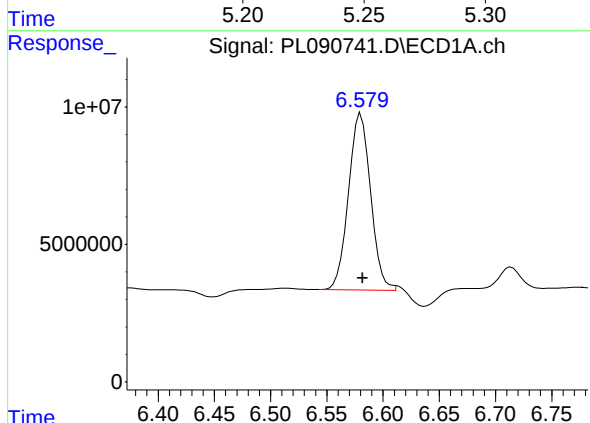
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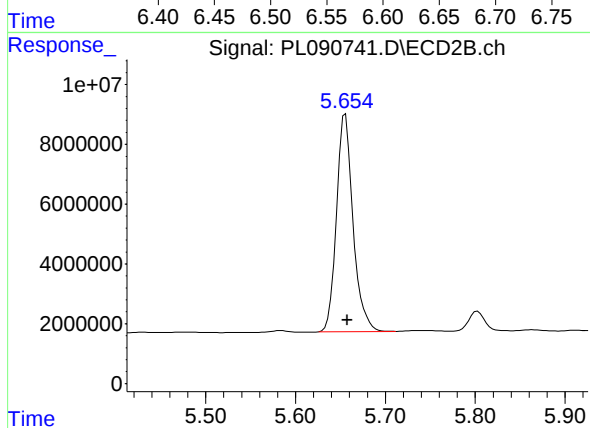
#12 4,4'-DDE

R.T.: 5.247 min
Delta R.T.: -0.004 min
Response: 290160
Conc: 0.16 ng/ml



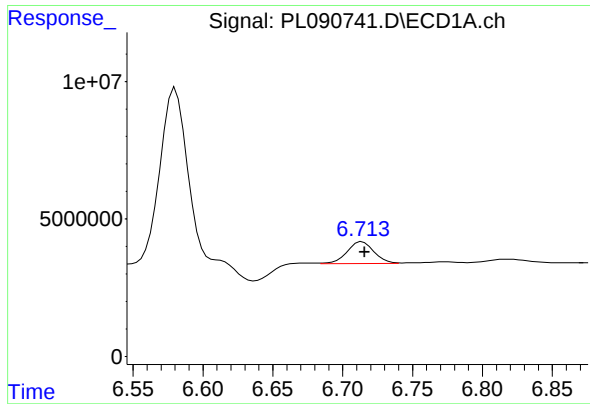
#14 Endrin

R.T.: 6.579 min
Delta R.T.: -0.003 min
Response: 87912161
Conc: 47.82 ng/ml



#14 Endrin

R.T.: 5.656 min
Delta R.T.: -0.002 min
Response: 93394554
Conc: 54.26 ng/ml



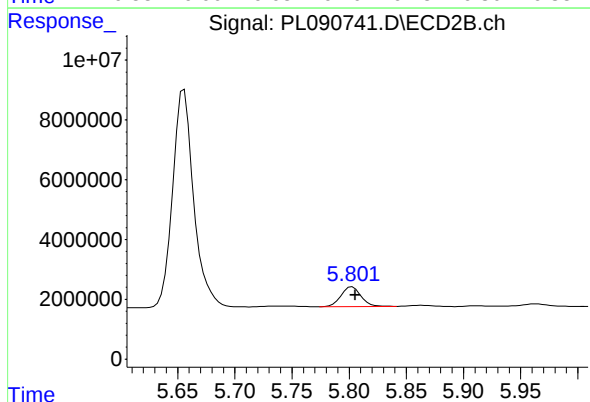
#16 4,4'-DDD

R.T.: 6.713 min
Delta R.T.: -0.003 min
Response: 10554932
Conc: 6.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

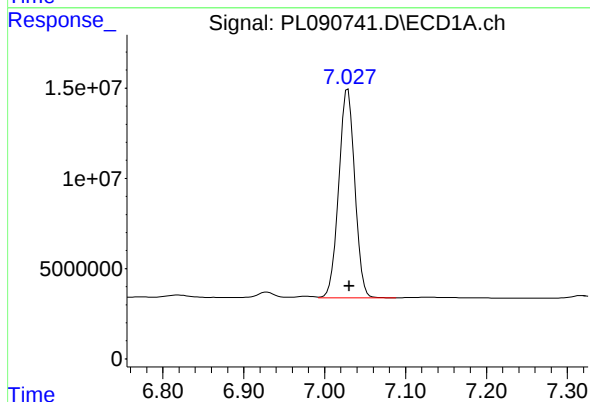
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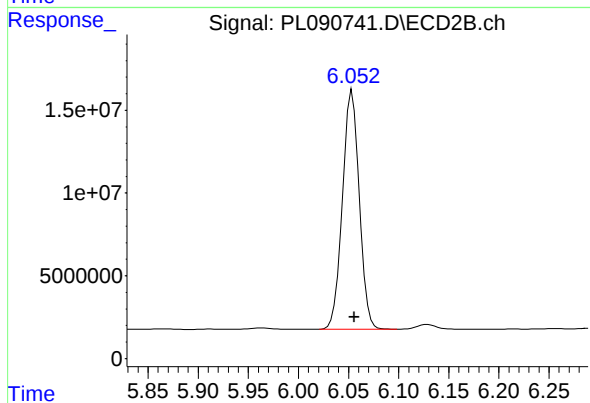
#16 4,4'-DDD

R.T.: 5.803 min
Delta R.T.: -0.002 min
Response: 7998211
Conc: 5.34 ng/ml



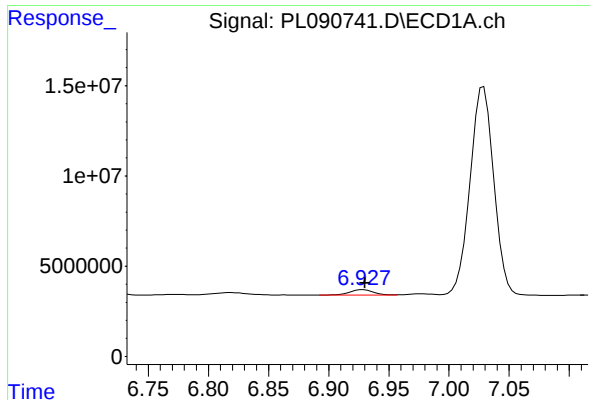
#17 4,4'-DDT

R.T.: 7.029 min
Delta R.T.: -0.001 min
Response: 159306823
Conc: 94.64 ng/ml



#17 4,4'-DDT

R.T.: 6.054 min
Delta R.T.: -0.002 min
Response: 168126466
Conc: 114.75 ng/ml



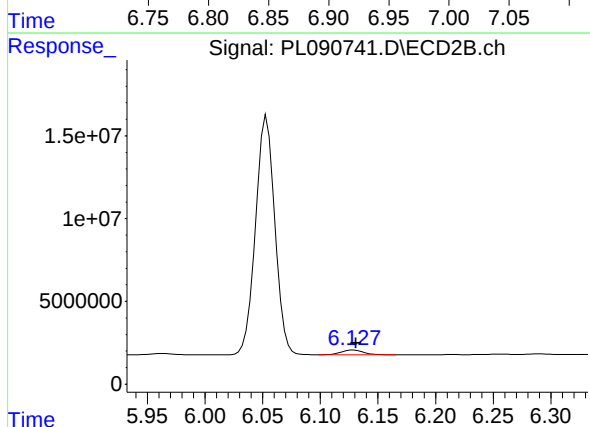
#18 Endrin aldehyde

R.T.: 6.929 min
Delta R.T.: -0.001 min
Response: 4303647
Conc: 2.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

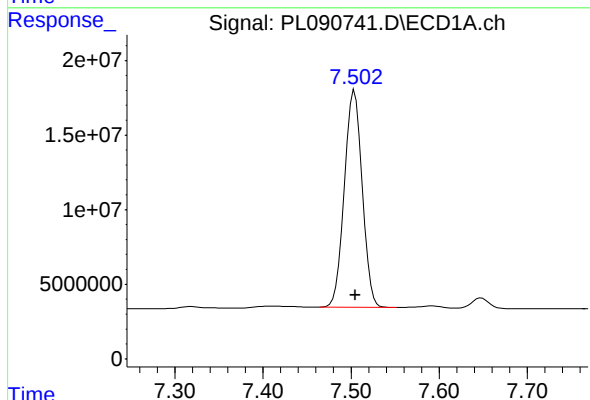
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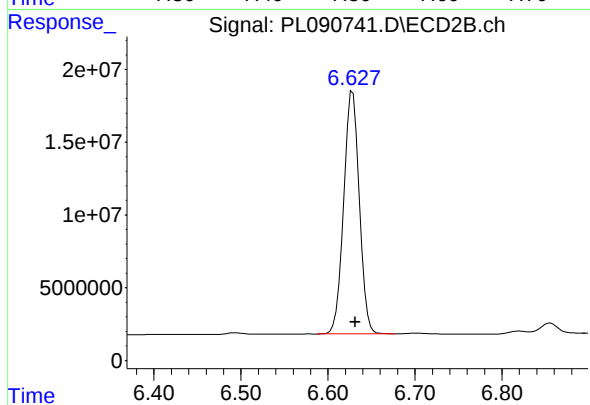
#18 Endrin aldehyde

R.T.: 6.129 min
Delta R.T.: -0.002 min
Response: 3738626
Conc: 2.86 ng/ml



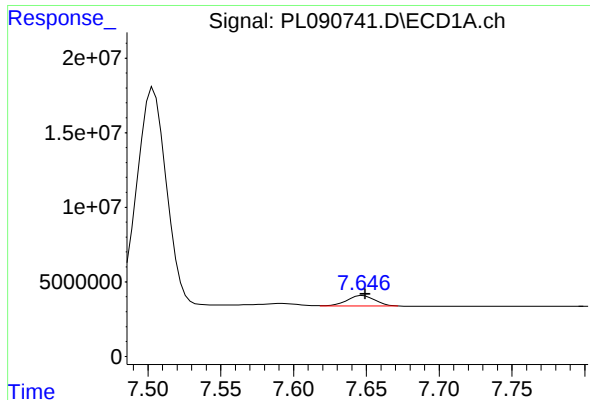
#20 Methoxychlor

R.T.: 7.502 min
Delta R.T.: -0.002 min
Response: 205127844
Conc: 232.33 ng/ml m



#20 Methoxychlor

R.T.: 6.627 min
Delta R.T.: -0.004 min
Response: 209323102
Conc: 258.89 ng/ml m



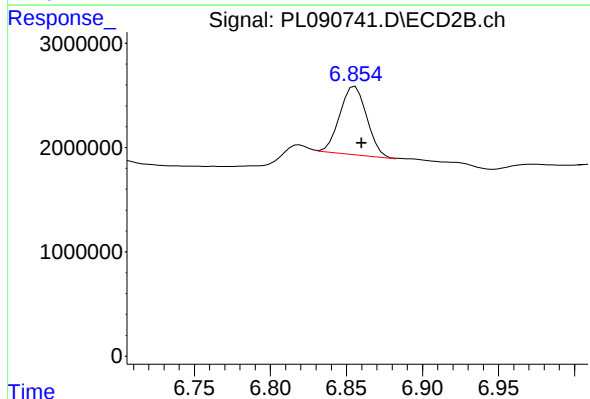
#21 Endrin ketone

R.T.: 7.646 min
Delta R.T.: -0.003 min
Response: 9323674
Conc: 4.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

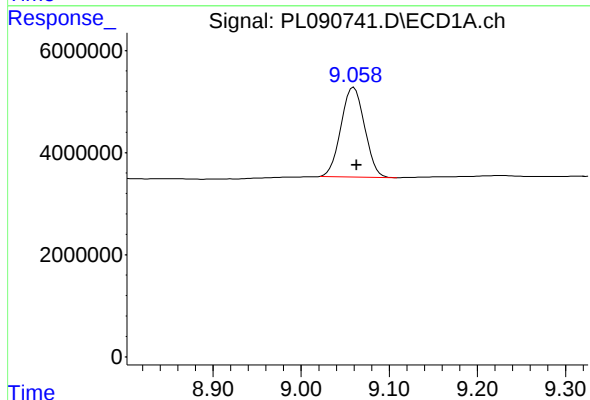
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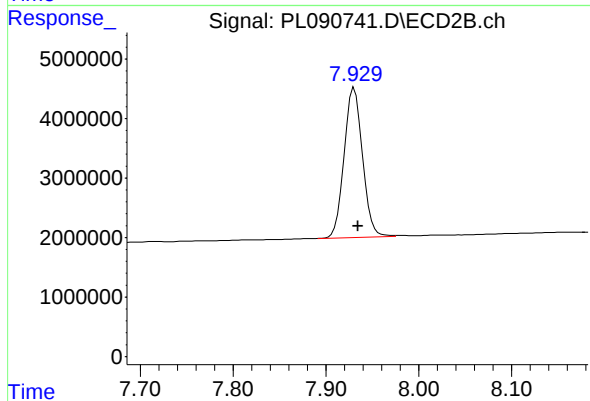
#21 Endrin ketone

R.T.: 6.854 min
Delta R.T.: -0.006 min
Response: 8039148
Conc: 4.40 ng/ml m



#28 Decachlorobiphenyl

R.T.: 9.060 min
Delta R.T.: -0.003 min
Response: 32870453
Conc: 24.74 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.930 min
Delta R.T.: -0.004 min
Response: 34687796
Conc: 23.79 ng/ml