

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL091324\
 Data File : PL091713.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Sep 2024 10:46
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 09/16/2024
 Supervised By :Ankita Jodhani 09/16/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 14 03:37:08 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL090924.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 09 19:26:36 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	2.784	36303568	45950552	23.292	24.569
28)	SA Decachlor...	9.061	7.923	26780053	40436990	22.035	21.899m
Target Compounds							
2)	A alpha-BHC	4.000	3.287	25533785	31352237	11.822	11.788
3)	MA gamma-BHC...	4.333	3.617	23930650	28935502	11.641	11.765
6)	B beta-BHC	4.529	3.916	11041179	13855156	12.133	12.682
14)	MA Endrin	6.580	5.650	64253874	99043406	48.323	52.482
16)	A 4,4'-DDD	6.714	5.796	10655824	13815784	8.407	8.245m
17)	MA 4,4'-DDT	7.029	6.048	124.6E6	183.8E6	94.950	114.370
18)	B Endrin al...	6.927	6.122	2794524	3862516	2.352m	2.825m
20)	A Methoxychlor	7.504	6.623	169.3E6	237.9E6	250.333	268.597
21)	B Endrin ke...	7.647	6.850	6722648	10089959	4.348m	5.016

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

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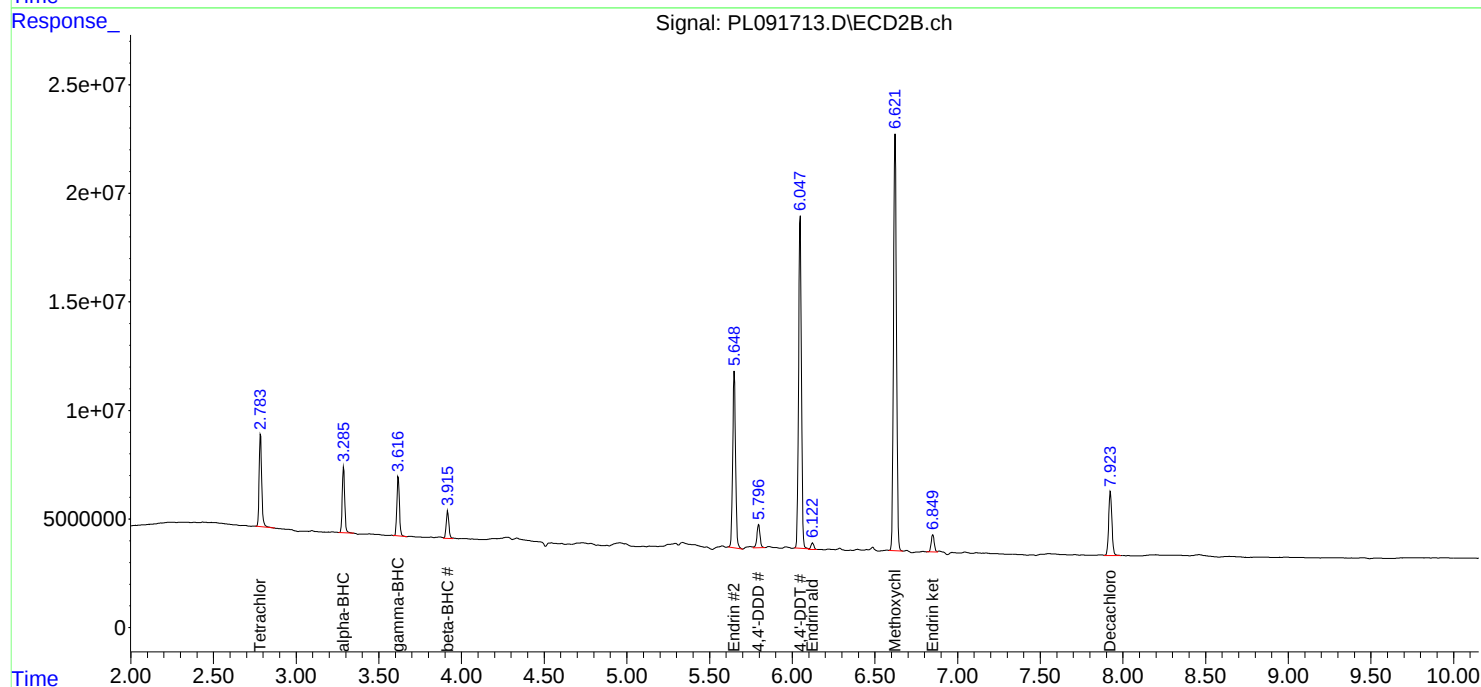
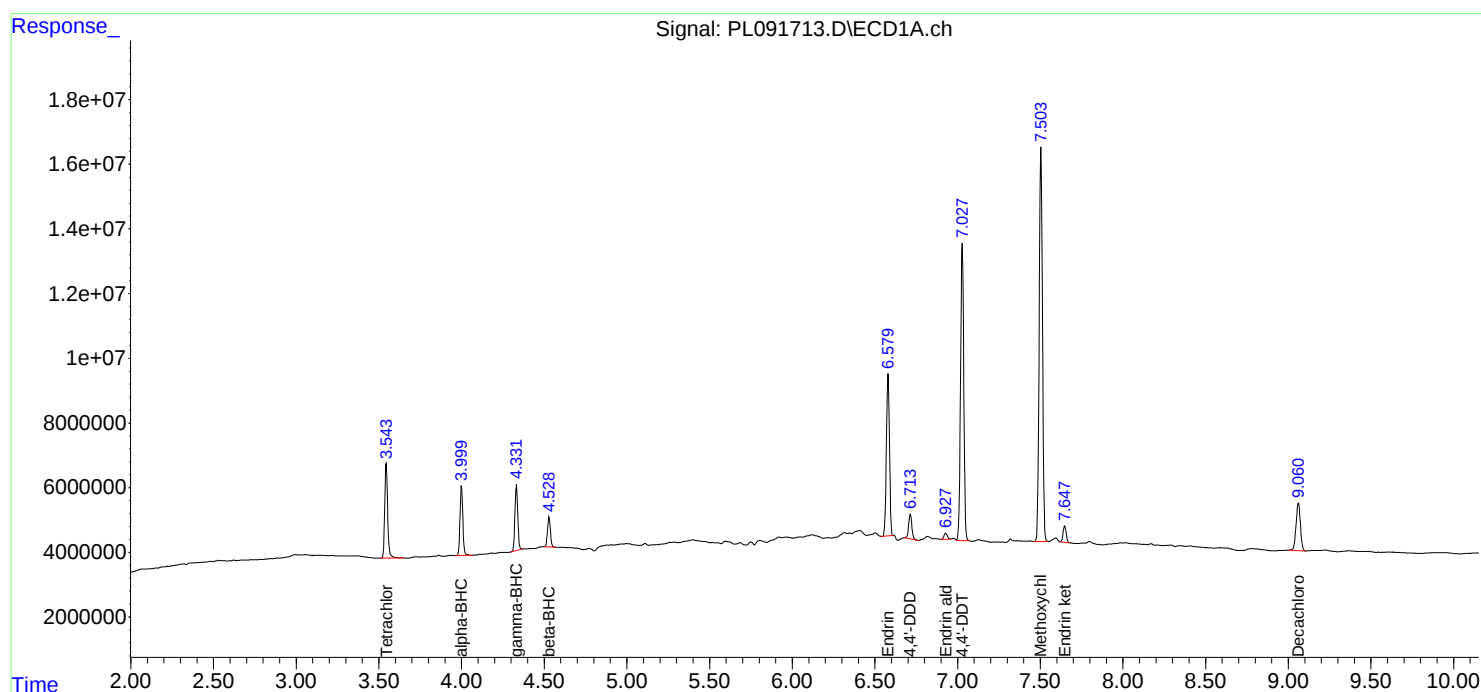
Instrument :
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PEM

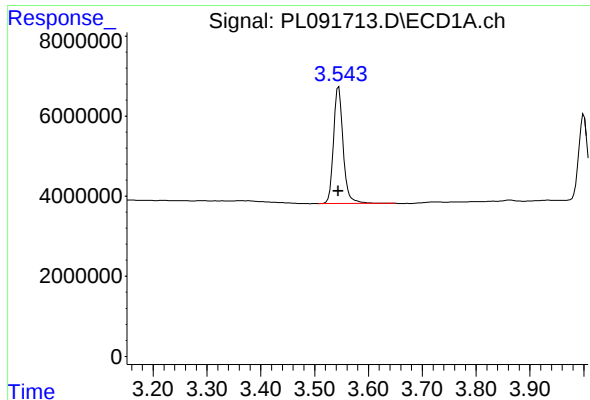
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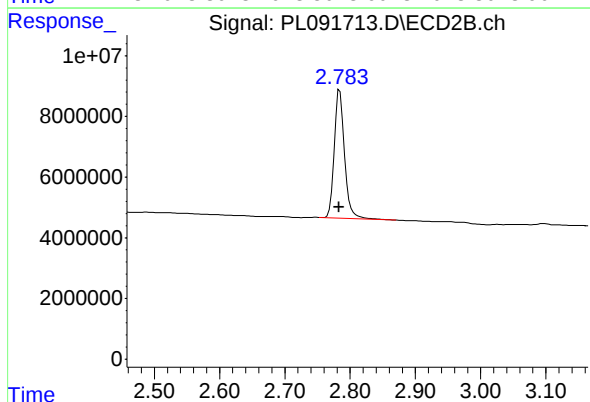
#1 Tetrachloro-m-xylene

R.T.: 3.545 min
Delta R.T.: 0.000 min
Response: 36303568
Conc: 23.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

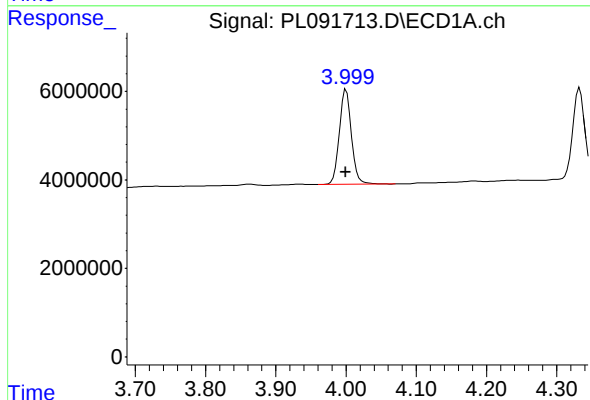
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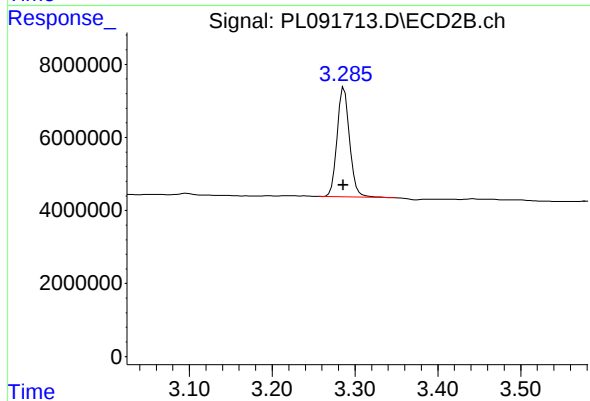
#1 Tetrachloro-m-xylene

R.T.: 2.784 min
Delta R.T.: 0.001 min
Response: 45950552
Conc: 24.57 ng/ml



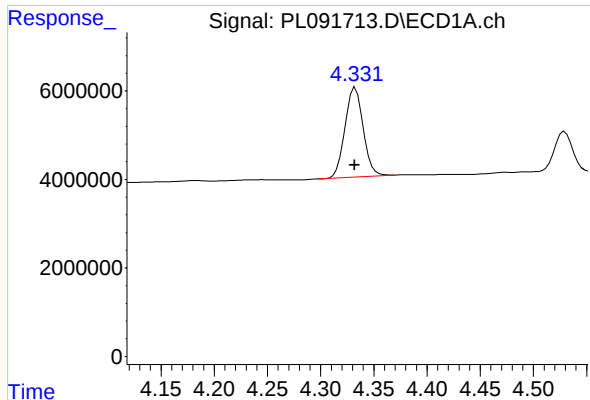
#2 alpha-BHC

R.T.: 4.000 min
Delta R.T.: 0.000 min
Response: 25533785
Conc: 11.82 ng/ml



#2 alpha-BHC

R.T.: 3.287 min
Delta R.T.: 0.000 min
Response: 31352237
Conc: 11.79 ng/ml



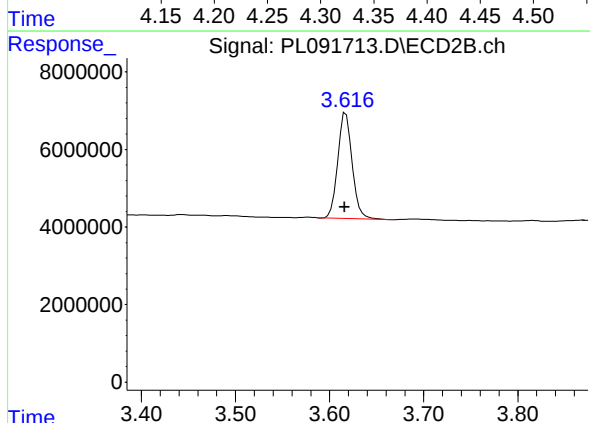
#3 gamma-BHC (Lindane)

R.T.: 4.333 min
Delta R.T.: 0.000 min
Response: 23930650
Conc: 11.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

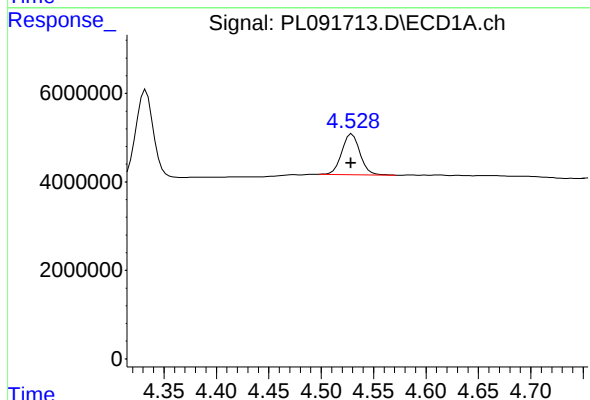
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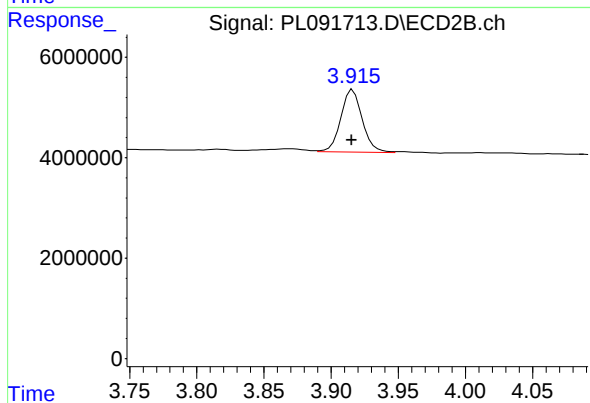
#3 gamma-BHC (Lindane)

R.T.: 3.617 min
Delta R.T.: 0.001 min
Response: 28935502
Conc: 11.76 ng/ml



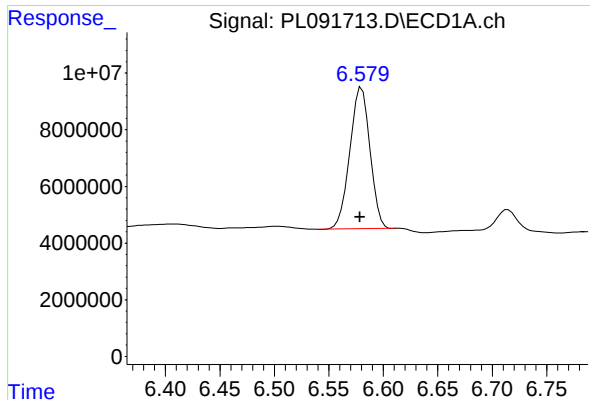
#6 beta-BHC

R.T.: 4.529 min
Delta R.T.: 0.000 min
Response: 11041179
Conc: 12.13 ng/ml



#6 beta-BHC

R.T.: 3.916 min
Delta R.T.: 0.000 min
Response: 13855156
Conc: 12.68 ng/ml



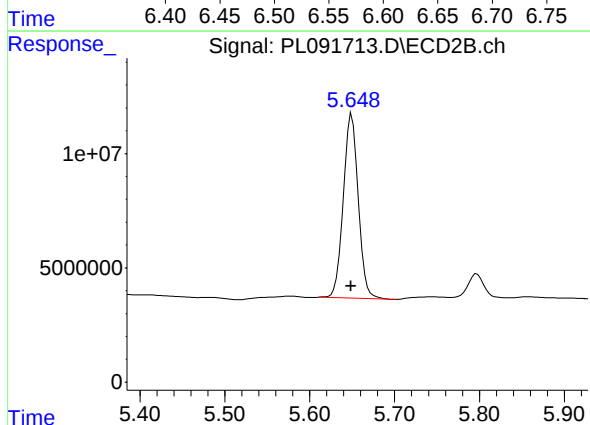
#14 Endrin

R.T.: 6.580 min
Delta R.T.: 0.002 min
Response: 64253874
Conc: 48.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

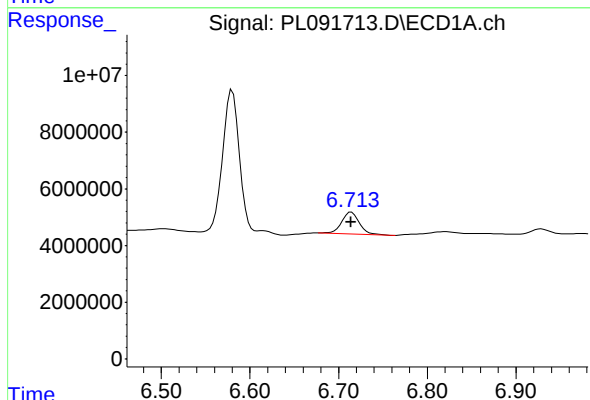
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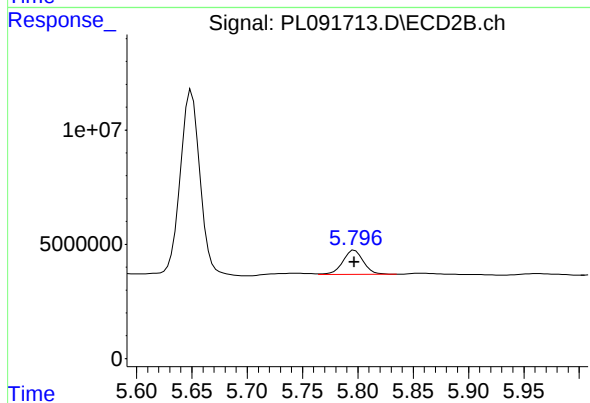
#14 Endrin

R.T.: 5.650 min
Delta R.T.: 0.000 min
Response: 99043406
Conc: 52.48 ng/ml



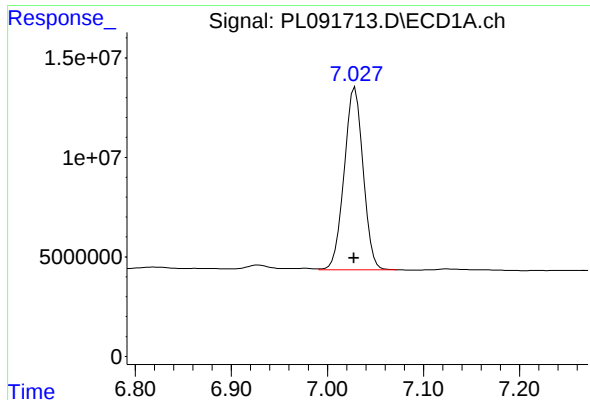
#16 4,4'-DDD

R.T.: 6.714 min
Delta R.T.: 0.000 min
Response: 10655824
Conc: 8.41 ng/ml



#16 4,4'-DDD

R.T.: 5.796 min
Delta R.T.: -0.001 min
Response: 13815784
Conc: 8.24 ng/ml m



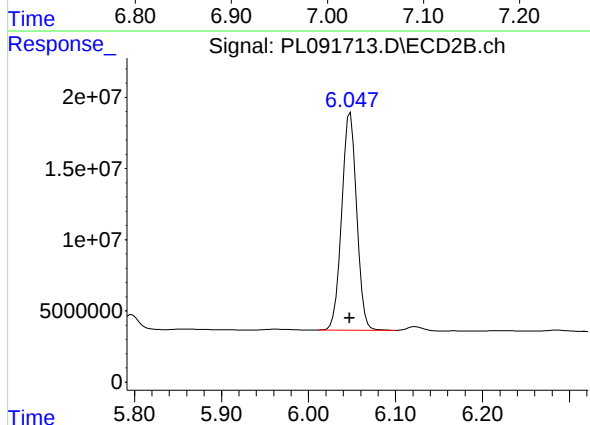
#17 4,4'-DDT

R.T.: 7.029 min
Delta R.T.: 0.000 min
Response: 124550001
Conc: 94.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

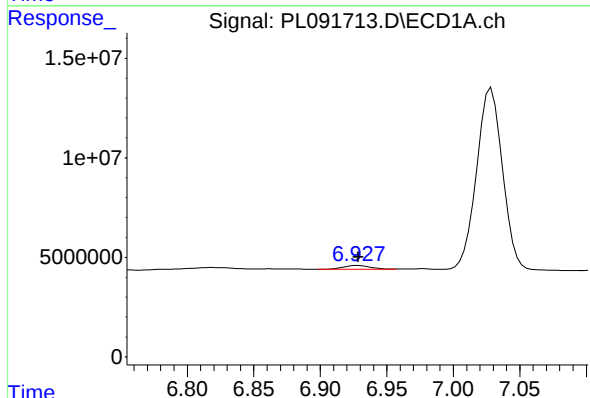
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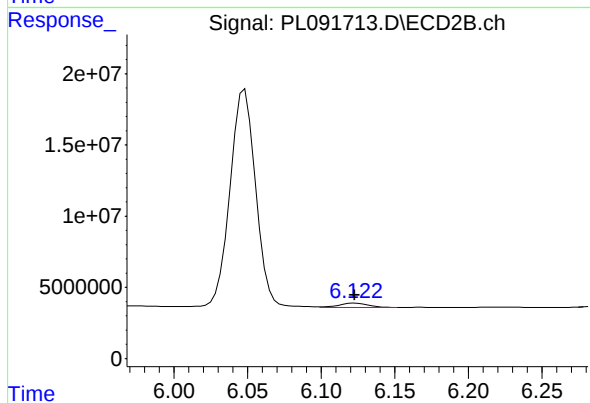
#17 4,4'-DDT

R.T.: 6.048 min
Delta R.T.: 0.000 min
Response: 183767916
Conc: 114.37 ng/ml



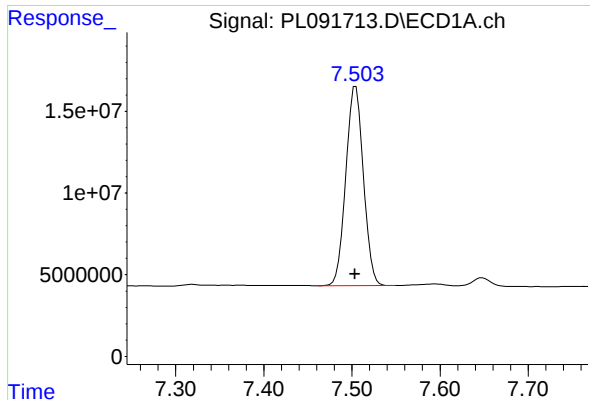
#18 Endrin aldehyde

R.T.: 6.927 min
Delta R.T.: -0.002 min
Response: 2794524
Conc: 2.35 ng/ml m



#18 Endrin aldehyde

R.T.: 6.122 min
Delta R.T.: -0.001 min
Response: 3862516
Conc: 2.83 ng/ml m



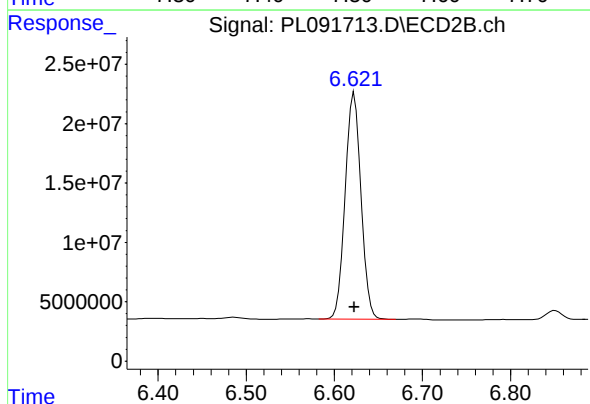
#20 Methoxychlor

R.T.: 7.504 min
Delta R.T.: 0.001 min
Response: 169341898
Conc: 250.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

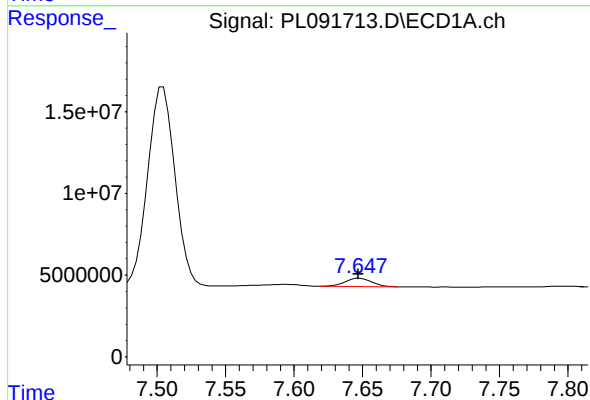
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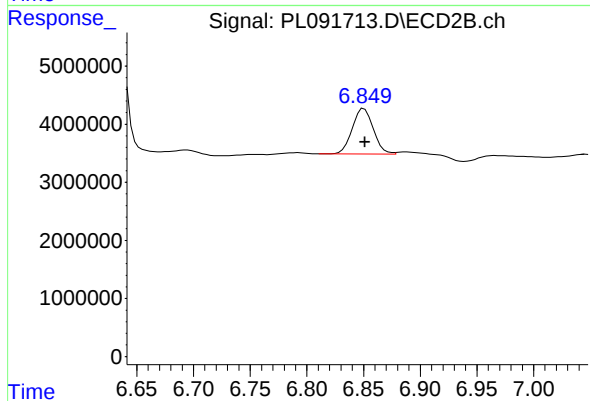
#20 Methoxychlor

R.T.: 6.623 min
Delta R.T.: 0.000 min
Response: 237913706
Conc: 268.60 ng/ml



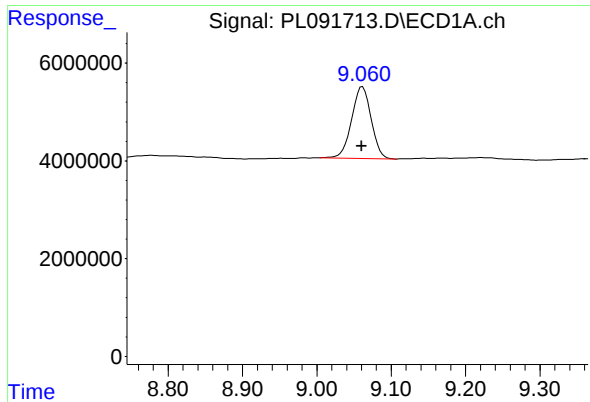
#21 Endrin ketone

R.T.: 7.647 min
Delta R.T.: 0.000 min
Response: 6722648
Conc: 4.35 ng/ml m



#21 Endrin ketone

R.T.: 6.850 min
Delta R.T.: 0.000 min
Response: 10089959
Conc: 5.02 ng/ml



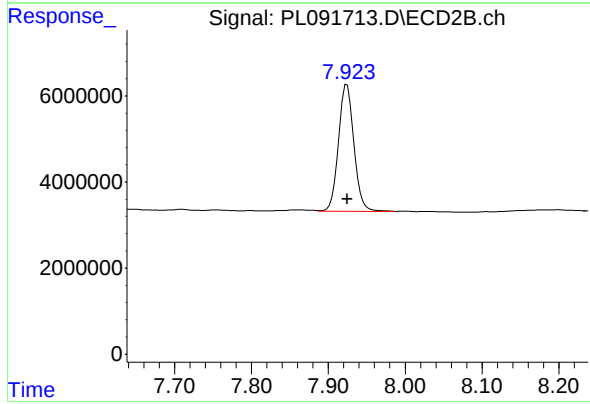
#28 Decachlorobiphenyl

R.T.: 9.061 min
Delta R.T.: 0.001 min
Response: 26780053
Conc: 22.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 7.923 min
Delta R.T.: -0.002 min
Response: 40436990
Conc: 21.90 ng/ml