

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071624\
 Data File : PL090542.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Jul 2024 09:54
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 07/17/2024
 Supervised By : Ankita Jodhani 07/17/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 16 23:56:54 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...	3.548	2.791	44756278	34653268	21.495	20.591
28)	SA Decachlor...	9.062	7.935	28949029	30322132	21.785	20.796
Target Compounds							
2)	A alpha-BHC	4.003	3.293	32576075	23482839	10.978	9.719m
3)	MA gamma-BHC...	4.336	3.625	30627904	22657268	10.937	9.825
6)	B beta-BHC	4.532	3.923	14367391	11359781	11.326	11.005
12)	B 4,4'-DDE	6.200	5.251	364964	328369	0.180m	0.184m
14)	MA Endrin	6.582	5.659	87759272	83857710	47.736	48.723
16)	A 4,4'-DDD	6.715	5.806	3833396	2897834	2.271m	1.934
17)	MA 4,4'-DDT	7.031	6.056	162.4E6	165.7E6	96.481	113.064
18)	B Endrin al...	6.930	6.132	2400465	2557931	1.618m	1.958
20)	A Methoxychlor	7.506	6.632	210.7E6	208.3E6	238.660	257.635
21)	B Endrin ke...	7.649	6.860	5763786	5243833	3.019	2.869

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

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Operator : AR\AJ
Sample : PEM
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ALS Vial : 3 Sample Multiplier: 1

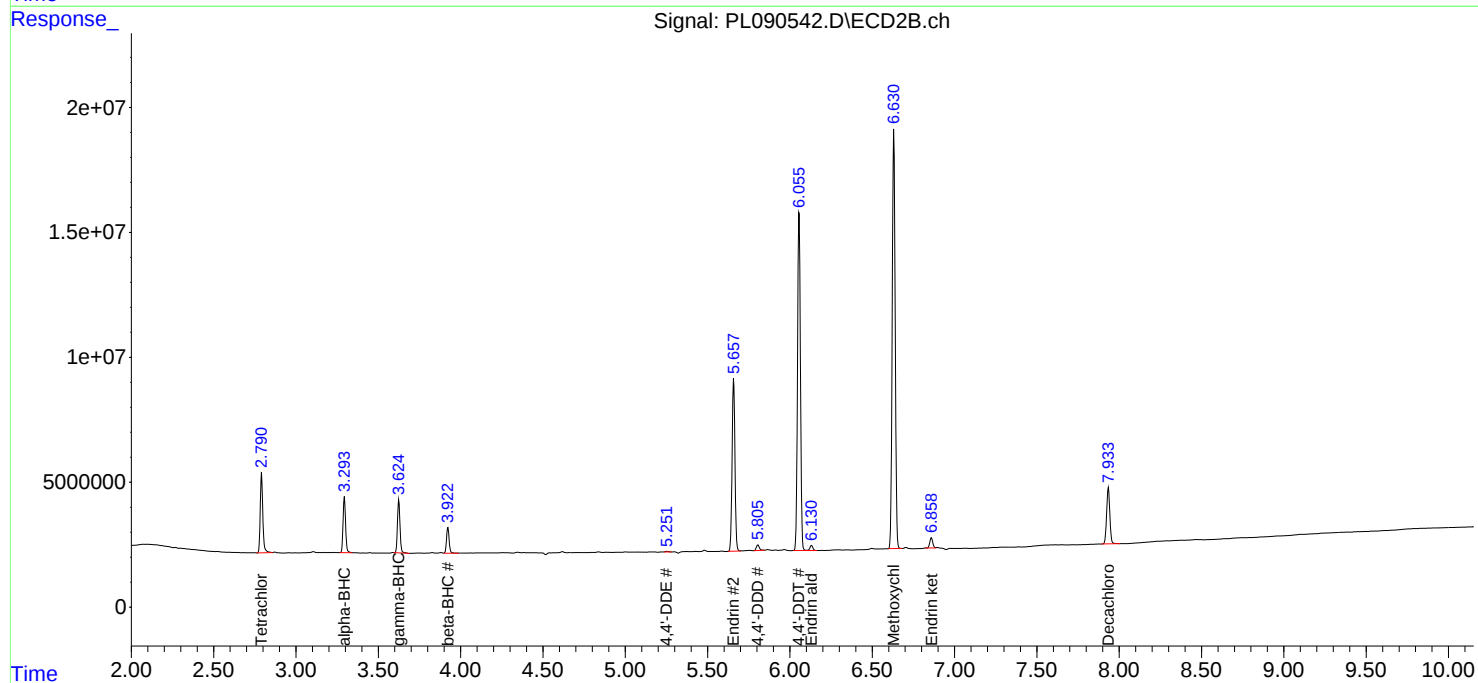
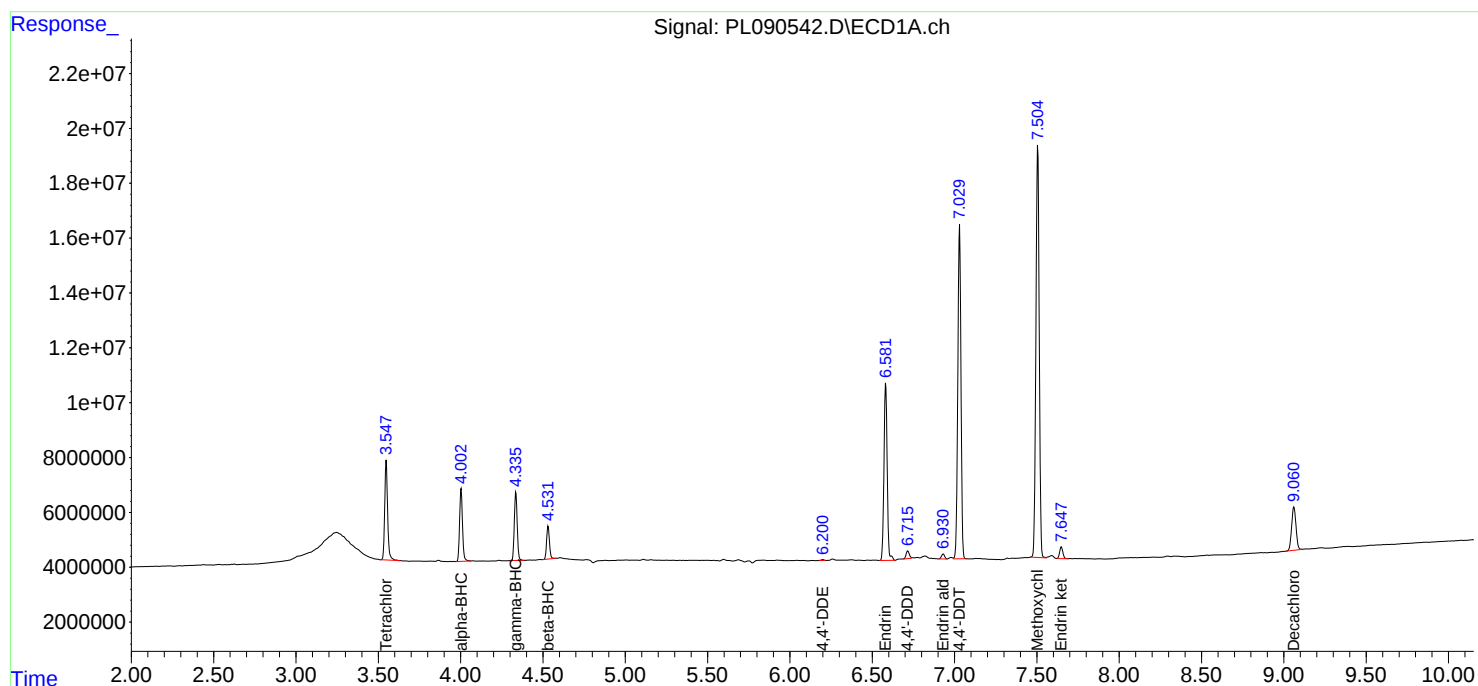
Instrument :
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ClientSampleId :
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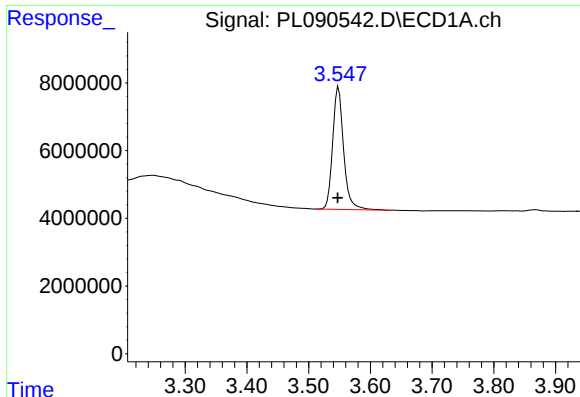
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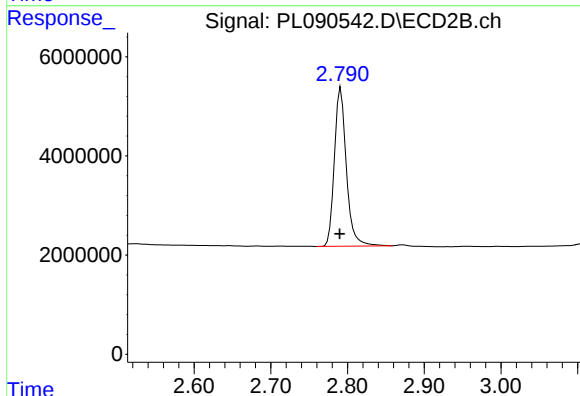
#1 Tetrachloro-m-xylene

R.T.: 3.548 min
Delta R.T.: 0.001 min
Response: 44756278
Conc: 21.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

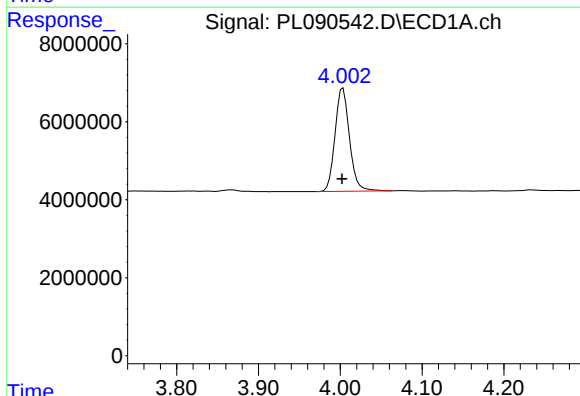
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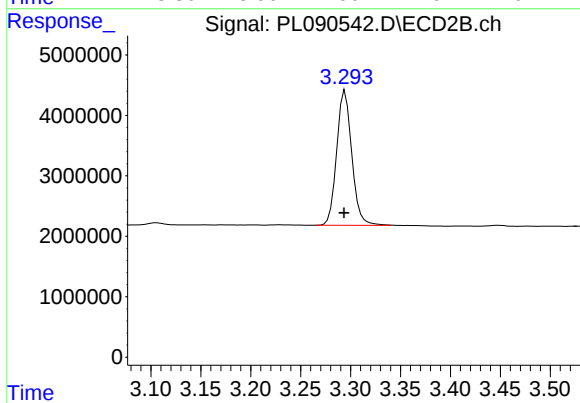
#1 Tetrachloro-m-xylene

R.T.: 2.791 min
Delta R.T.: 0.002 min
Response: 34653268
Conc: 20.59 ng/ml



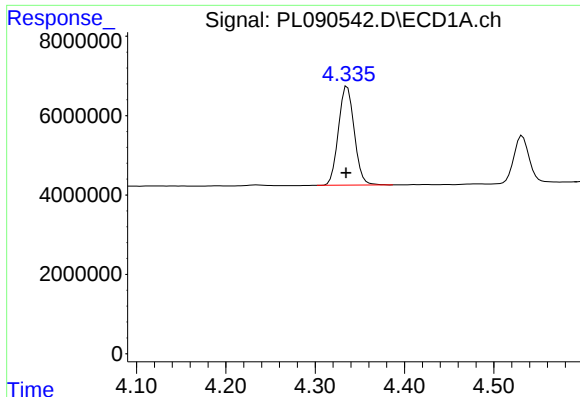
#2 alpha-BHC

R.T.: 4.003 min
Delta R.T.: 0.001 min
Response: 32576075
Conc: 10.98 ng/ml



#2 alpha-BHC

R.T.: 3.293 min
Delta R.T.: 0.000 min
Response: 23482839
Conc: 9.72 ng/ml m



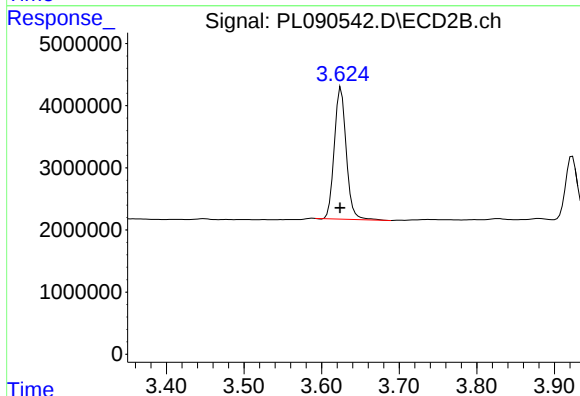
#3 gamma-BHC (Lindane)

R.T.: 4.336 min
Delta R.T.: 0.001 min
Response: 30627904
Conc: 10.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

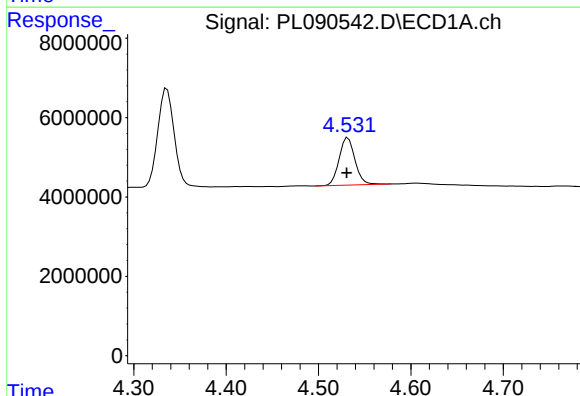
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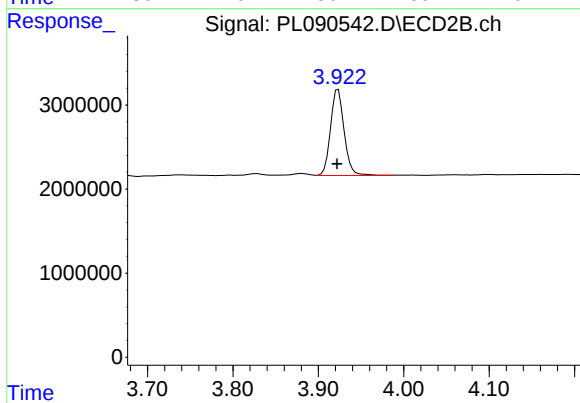
#3 gamma-BHC (Lindane)

R.T.: 3.625 min
Delta R.T.: 0.001 min
Response: 22657268
Conc: 9.83 ng/ml



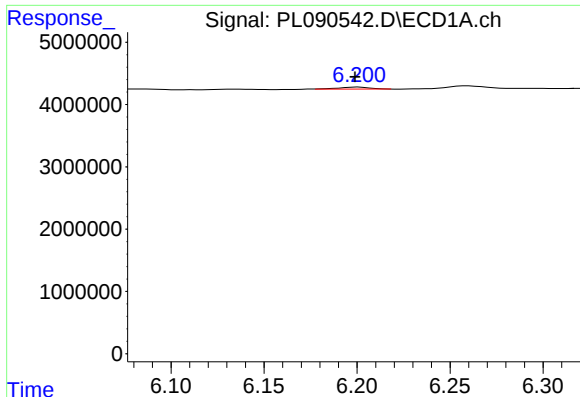
#6 beta-BHC

R.T.: 4.532 min
Delta R.T.: 0.001 min
Response: 14367391
Conc: 11.33 ng/ml



#6 beta-BHC

R.T.: 3.923 min
Delta R.T.: 0.001 min
Response: 11359781
Conc: 11.01 ng/ml



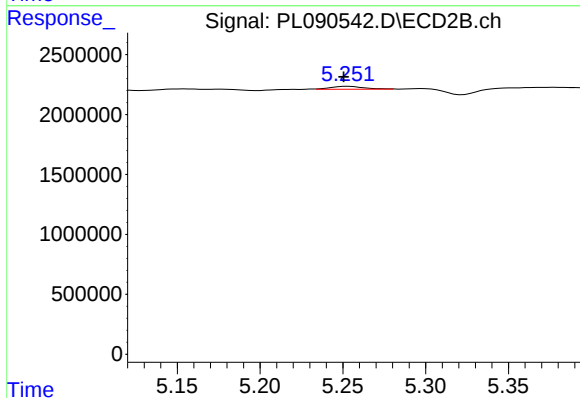
#12 4,4'-DDE

R.T.: 6.200 min
Delta R.T.: 0.000 min
Response: 364964
Conc: 0.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

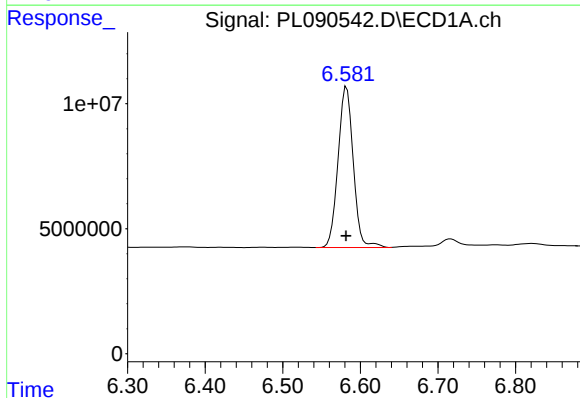
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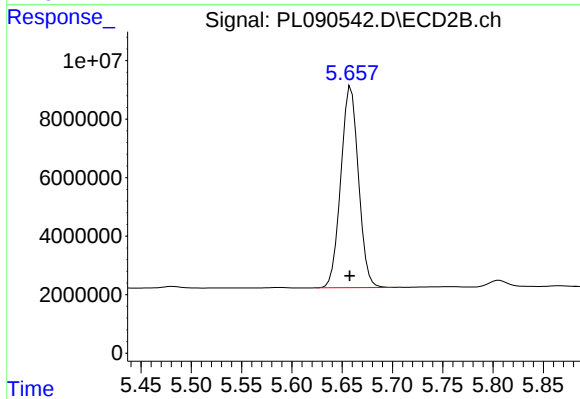
#12 4,4'-DDE

R.T.: 5.251 min
Delta R.T.: 0.000 min
Response: 328369
Conc: 0.18 ng/ml m



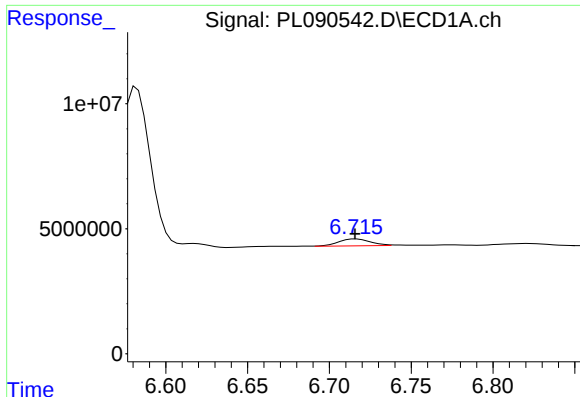
#14 Endrin

R.T.: 6.582 min
Delta R.T.: 0.000 min
Response: 87759272
Conc: 47.74 ng/ml



#14 Endrin

R.T.: 5.659 min
Delta R.T.: 0.001 min
Response: 83857710
Conc: 48.72 ng/ml



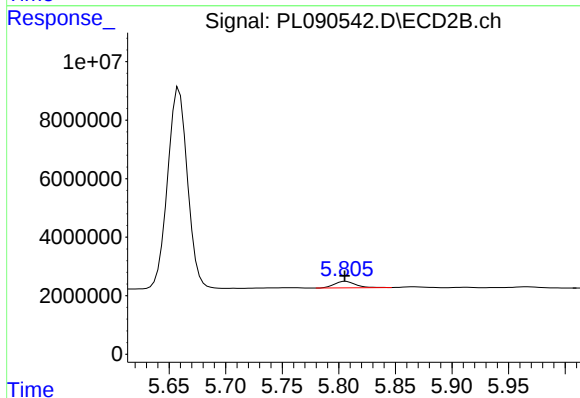
#16 4,4'-DDD

R.T.: 6.715 min
Delta R.T.: 0.000 min
Response: 3833396
Conc: 2.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

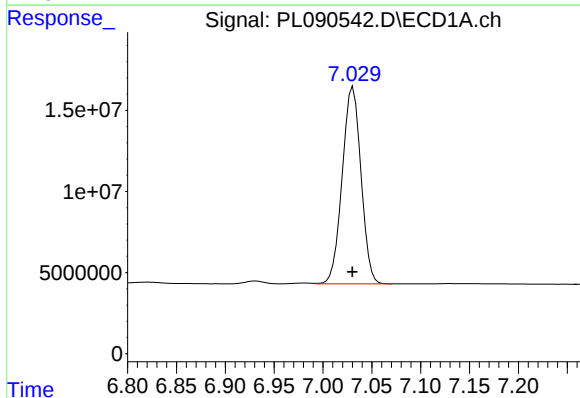
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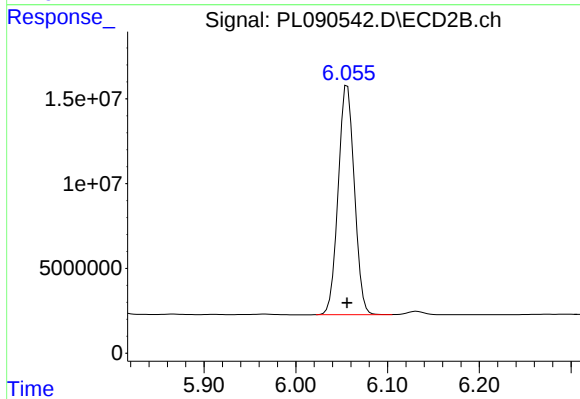
#16 4,4'-DDD

R.T.: 5.806 min
Delta R.T.: 0.000 min
Response: 2897834
Conc: 1.93 ng/ml



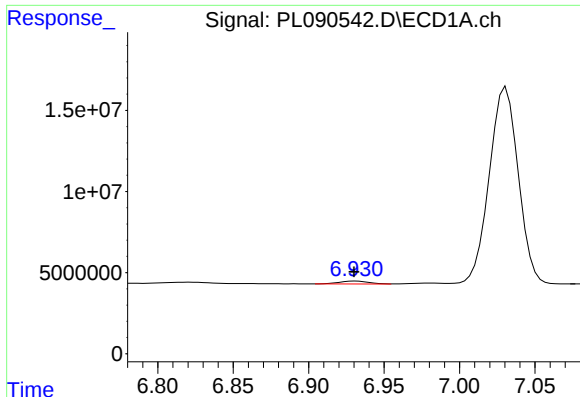
#17 4,4'-DDT

R.T.: 7.031 min
Delta R.T.: 0.000 min
Response: 162405484
Conc: 96.48 ng/ml



#17 4,4'-DDT

R.T.: 6.056 min
Delta R.T.: 0.000 min
Response: 165657031
Conc: 113.06 ng/ml



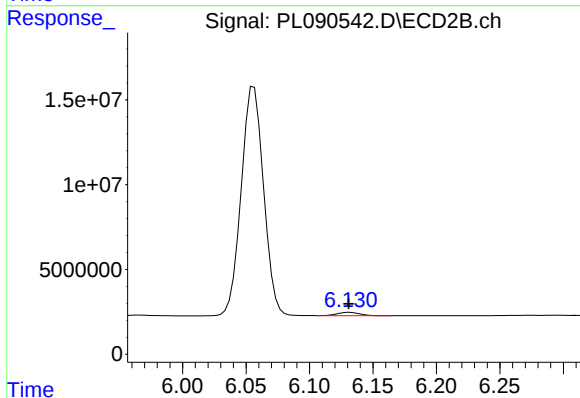
#18 Endrin aldehyde

R.T.: 6.930 min
Delta R.T.: 0.000 min
Response: 2400465
Conc: 1.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

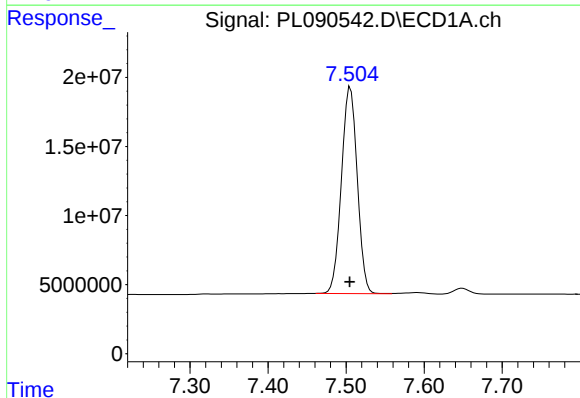
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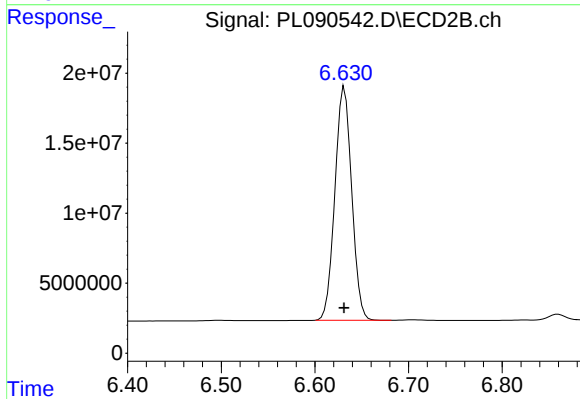
#18 Endrin aldehyde

R.T.: 6.132 min
Delta R.T.: 0.001 min
Response: 2557931
Conc: 1.96 ng/ml



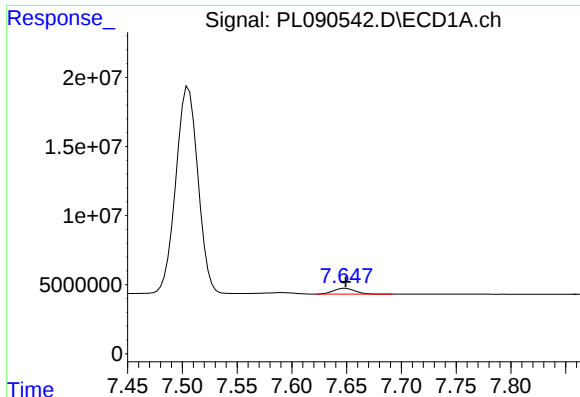
#20 Methoxychlor

R.T.: 7.506 min
Delta R.T.: 0.000 min
Response: 210715566
Conc: 238.66 ng/ml



#20 Methoxychlor

R.T.: 6.632 min
Delta R.T.: 0.000 min
Response: 208310607
Conc: 257.64 ng/ml



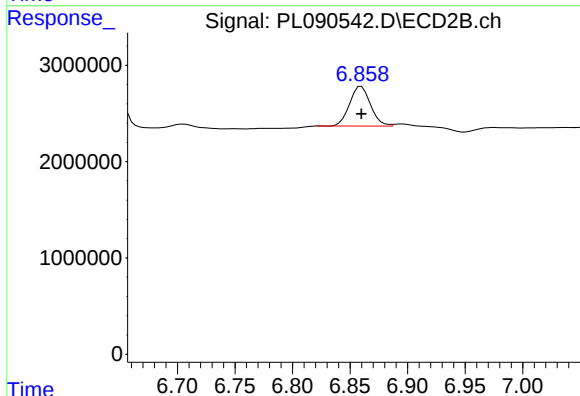
#21 Endrin ketone

R.T.: 7.649 min
Delta R.T.: 0.000 min
Response: 5763786
Conc: 3.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

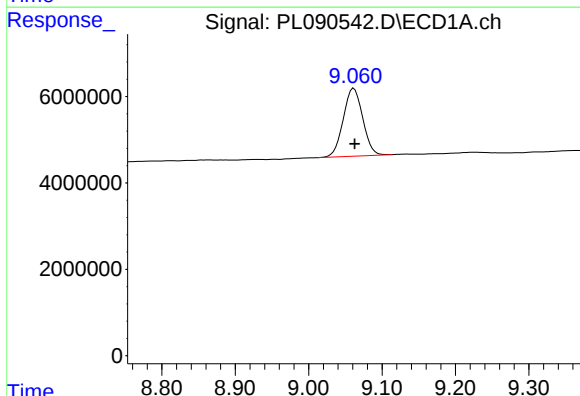
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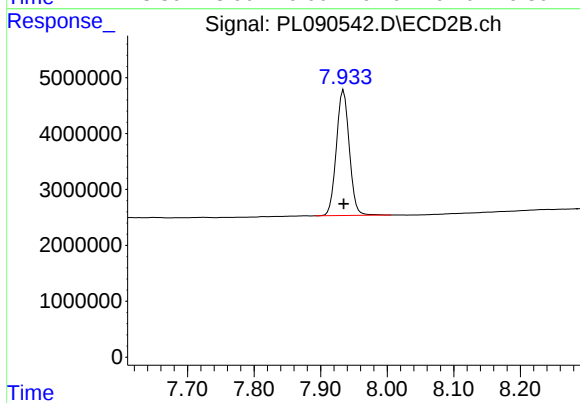
#21 Endrin ketone

R.T.: 6.860 min
Delta R.T.: 0.000 min
Response: 5243833
Conc: 2.87 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.062 min
Delta R.T.: -0.001 min
Response: 28949029
Conc: 21.78 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.935 min
Delta R.T.: 0.000 min
Response: 30322132
Conc: 20.80 ng/ml