

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071124\
 Data File : PL090481.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Jul 2024 09:27
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 07/12/2024
 Supervised By : Ankita Jodhani 07/12/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 12 00:55:33 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL062424.M
 Quant Title : GC Extractables
 QLast Update : Tue Jun 25 11:05:38 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...	3.546	2.790	42783024	33148449	18.851	20.957
28)	SA Decachlor...	9.059	7.931	31523880	31015520	20.441	20.792m
Target Compounds							
2)	A alpha-BHC	4.002	3.293	31162399	22379442	9.935	10.011
3)	MA gamma-BHC...	4.334	3.622	29359730	21481612	9.767	10.048m
6)	B beta-BHC	4.529	3.921	13934206	10885574	10.345	11.276
12)	B 4,4'-DDE	6.198	5.249	700607	311609	0.321	0.188m#
14)	MA Endrin	6.579	5.657	82387496	78517582	38.857m	47.484
16)	A 4,4'-DDD	6.712	5.804	6426113	4823189	3.508m	3.519
17)	MA 4,4'-DDT	7.028	6.054	156.0E6	159.5E6	81.284	107.763m#
18)	B Endrin al...	6.926	6.129	3337231	3055316	1.977m	2.399m
20)	A Methoxychlor	7.502	6.629	203.4E6	199.0E6	197.382m	238.518m
21)	B Endrin ke...	7.645	6.858	7874891	6897202	3.631m	3.852

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

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Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

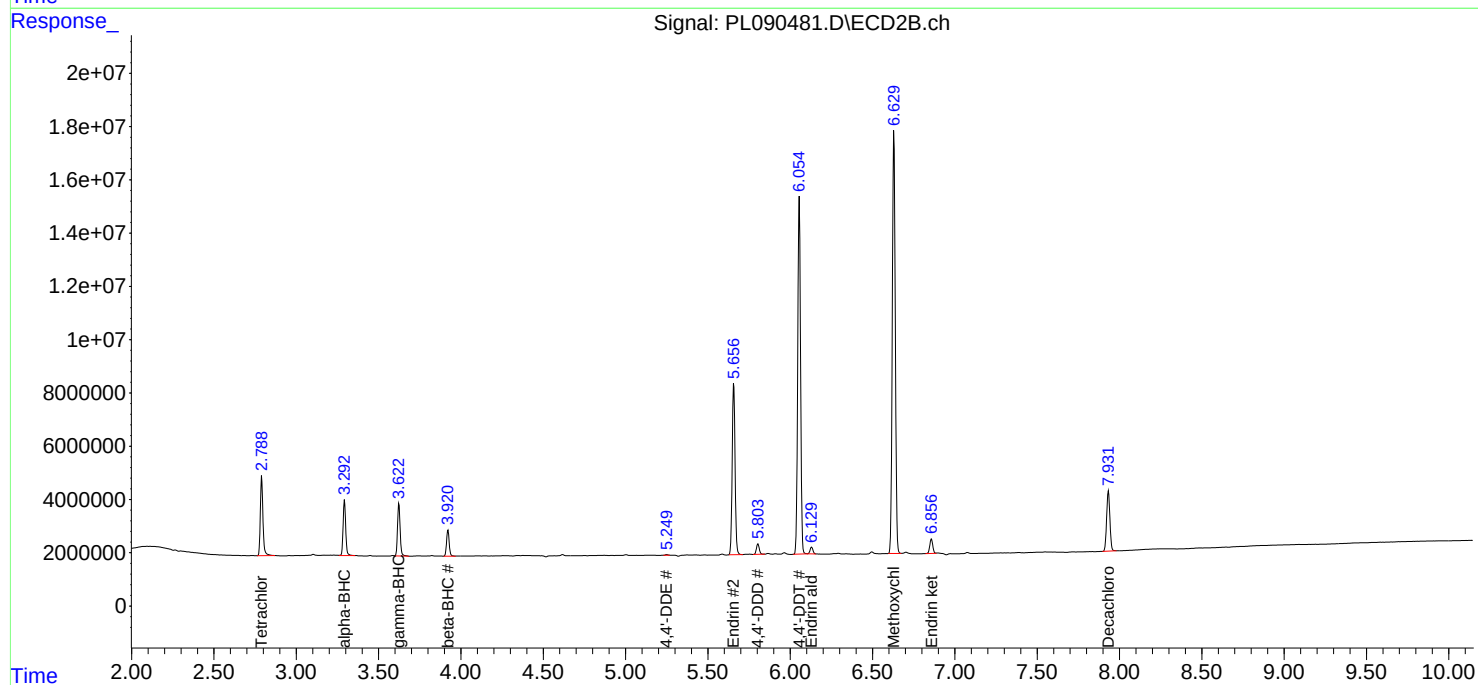
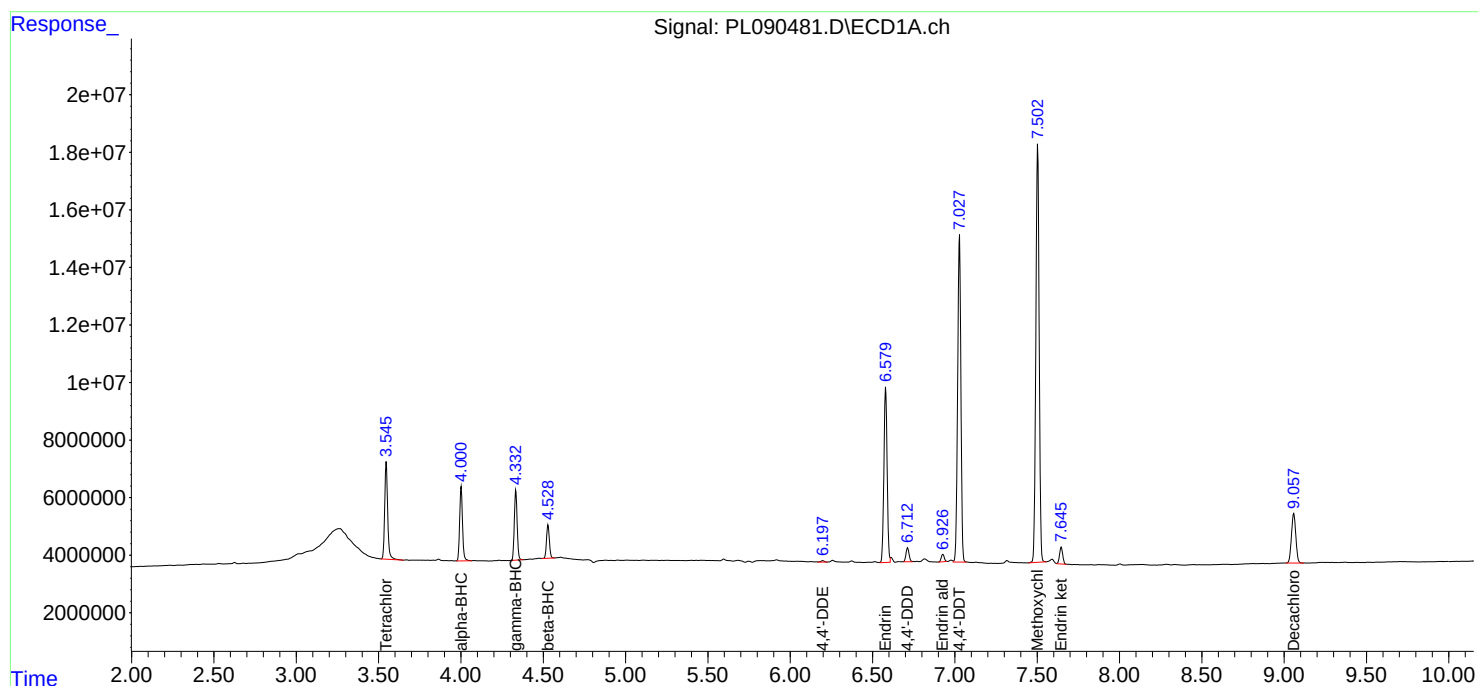
Instrument :
ECD_L
ClientSampleId :
PEM

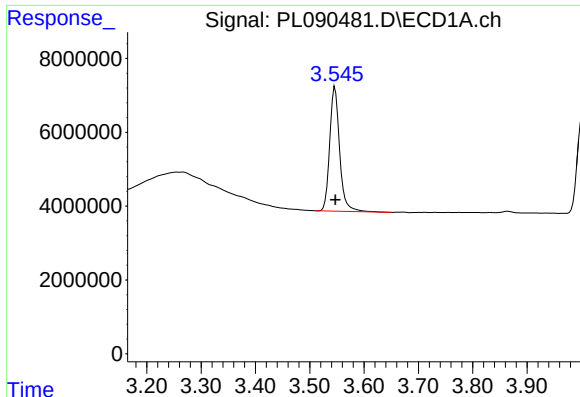
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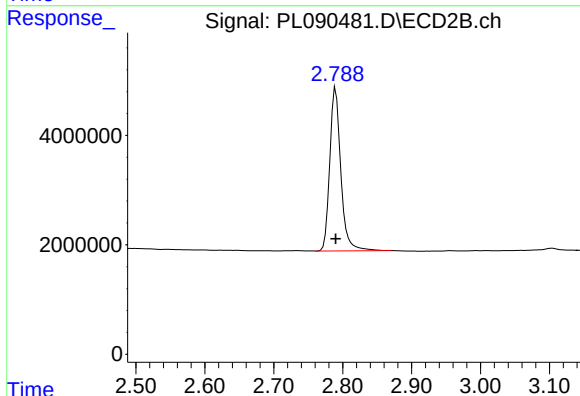
#1 Tetrachloro-m-xylene

R.T.: 3.546 min
Delta R.T.: 0.000 min
Response: 42783024
Conc: 18.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

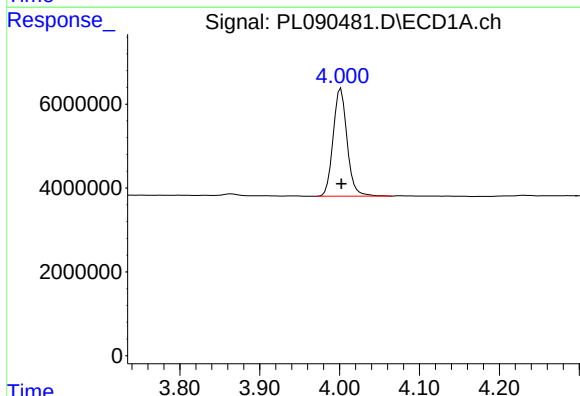
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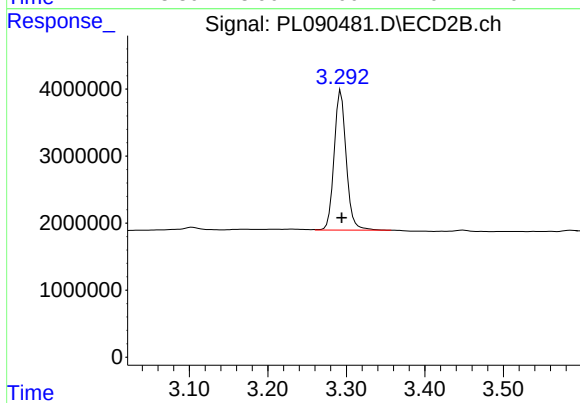
#1 Tetrachloro-m-xylene

R.T.: 2.790 min
Delta R.T.: 0.000 min
Response: 33148449
Conc: 20.96 ng/ml



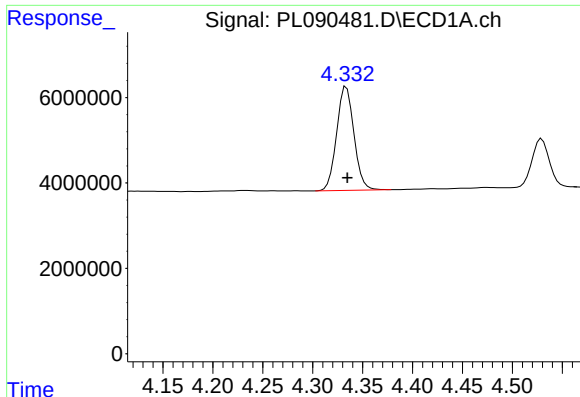
#2 alpha-BHC

R.T.: 4.002 min
Delta R.T.: 0.000 min
Response: 31162399
Conc: 9.94 ng/ml



#2 alpha-BHC

R.T.: 3.293 min
Delta R.T.: -0.001 min
Response: 22379442
Conc: 10.01 ng/ml



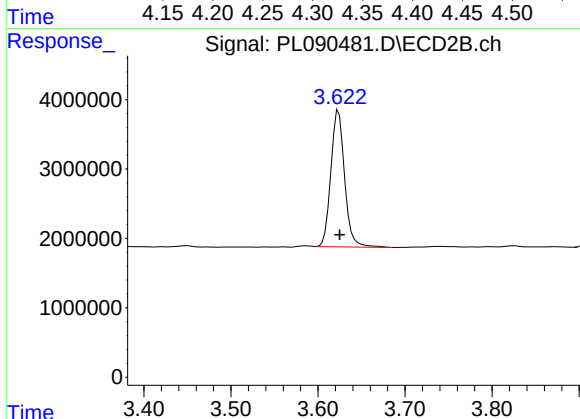
#3 gamma-BHC (Lindane)

R.T.: 4.334 min
Delta R.T.: -0.001 min
Response: 29359730
Conc: 9.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

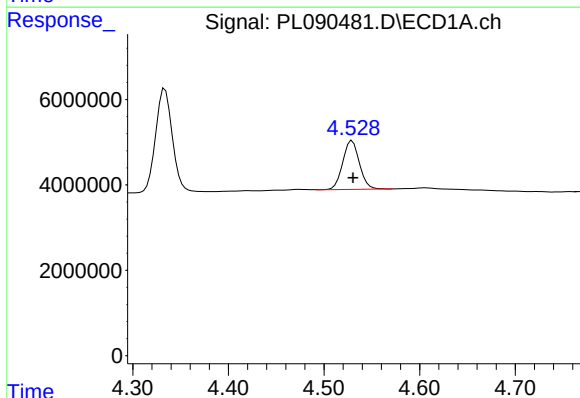
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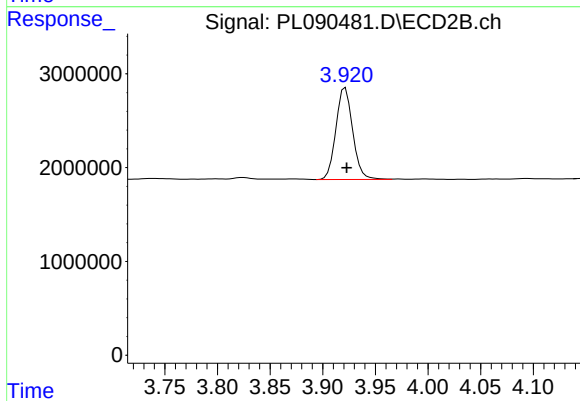
#3 gamma-BHC (Lindane)

R.T.: 3.622 min
Delta R.T.: -0.003 min
Response: 21481612
Conc: 10.05 ng/ml m



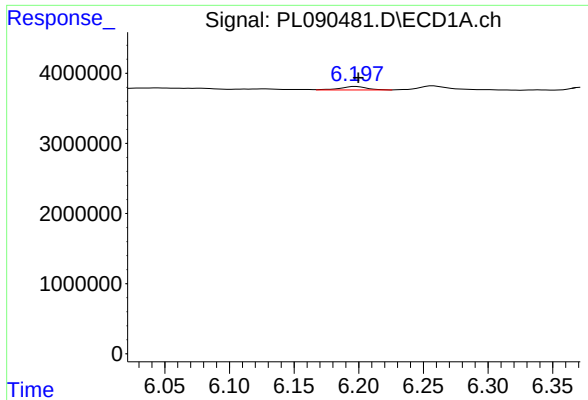
#6 beta-BHC

R.T.: 4.529 min
Delta R.T.: 0.000 min
Response: 13934206
Conc: 10.34 ng/ml



#6 beta-BHC

R.T.: 3.921 min
Delta R.T.: -0.001 min
Response: 10885574
Conc: 11.28 ng/ml



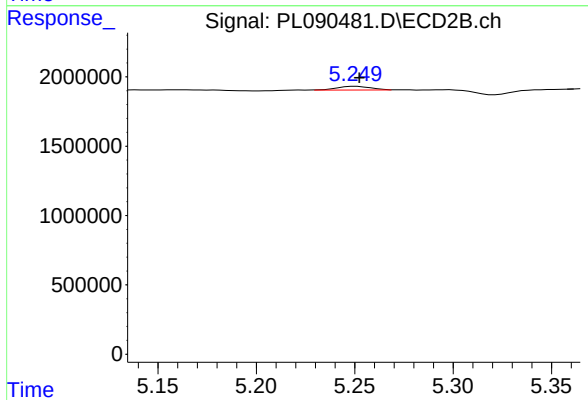
#12 4,4'-DDE

R.T.: 6.198 min
Delta R.T.: -0.002 min
Response: 700607
Conc: 0.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

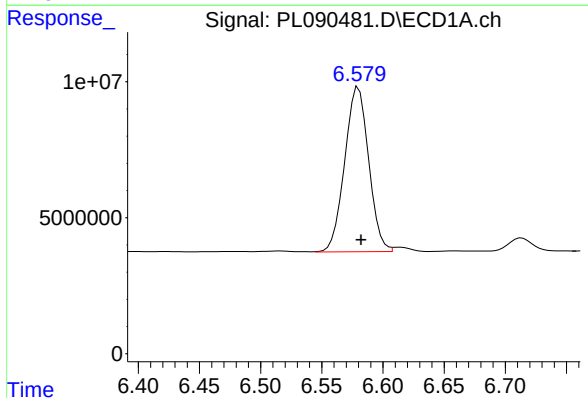
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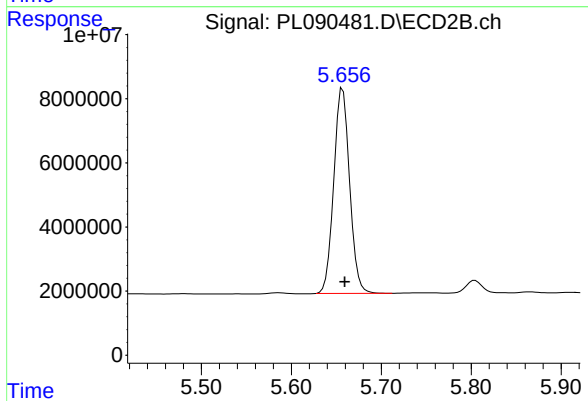
#12 4,4'-DDE

R.T.: 5.249 min
Delta R.T.: -0.003 min
Response: 311609
Conc: 0.19 ng/ml m



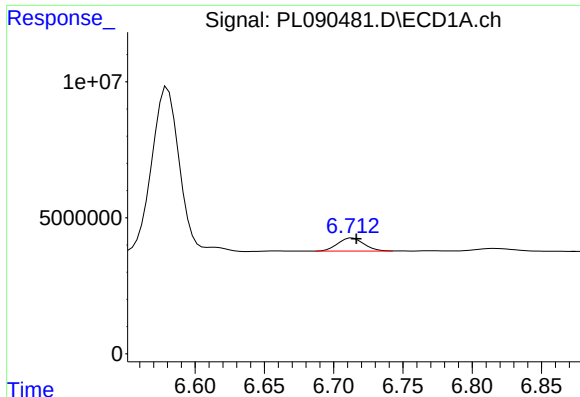
#14 Endrin

R.T.: 6.579 min
Delta R.T.: -0.003 min
Response: 82387496
Conc: 38.86 ng/ml m



#14 Endrin

R.T.: 5.657 min
Delta R.T.: -0.002 min
Response: 78517582
Conc: 47.48 ng/ml



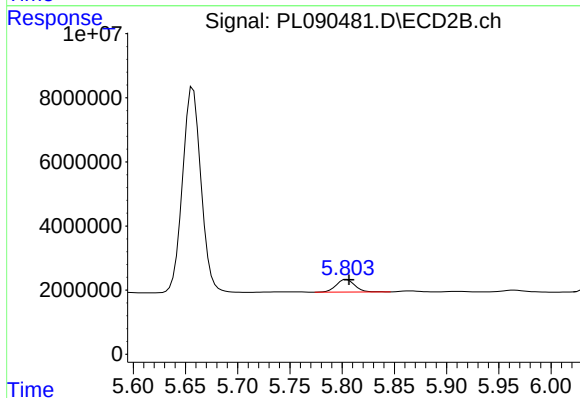
#16 4,4'-DDD

R.T.: 6.712 min
Delta R.T.: -0.004 min
Response: 6426113
Conc: 3.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

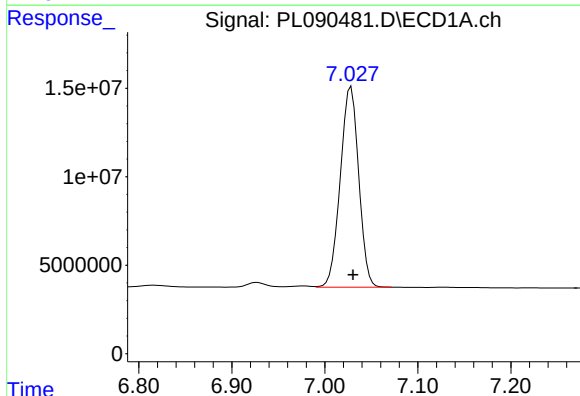
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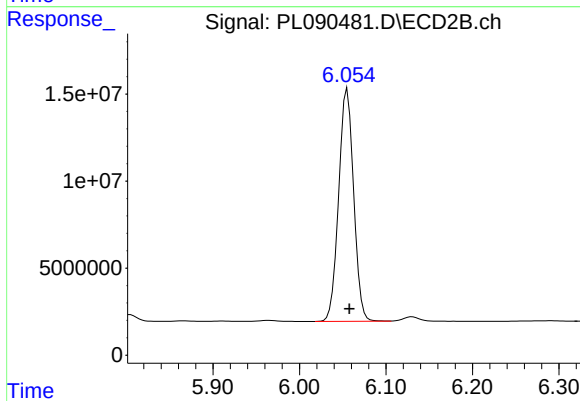
#16 4,4'-DDD

R.T.: 5.804 min
Delta R.T.: -0.003 min
Response: 4823189
Conc: 3.52 ng/ml



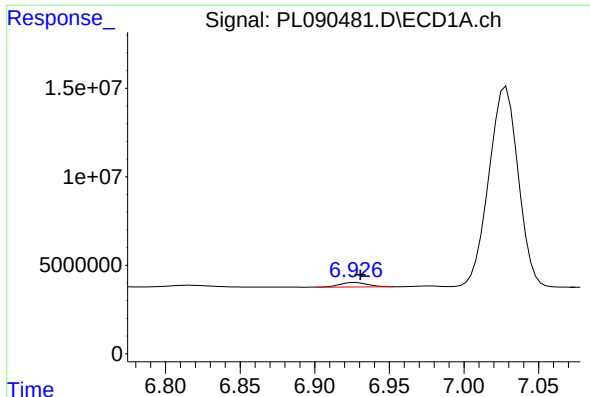
#17 4,4'-DDT

R.T.: 7.028 min
Delta R.T.: -0.002 min
Response: 155978689
Conc: 81.28 ng/ml



#17 4,4'-DDT

R.T.: 6.054 min
Delta R.T.: -0.004 min
Response: 159502247
Conc: 107.76 ng/ml m



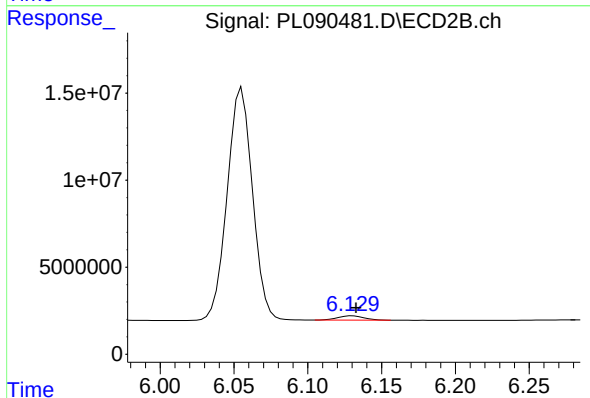
#18 Endrin aldehyde

R.T.: 6.926 min
Delta R.T.: -0.005 min
Response: 3337231
Conc: 1.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

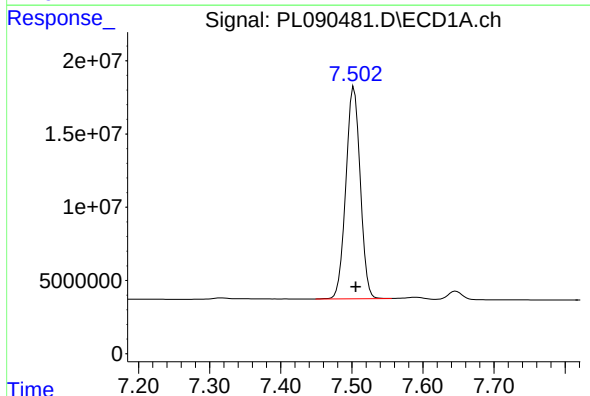
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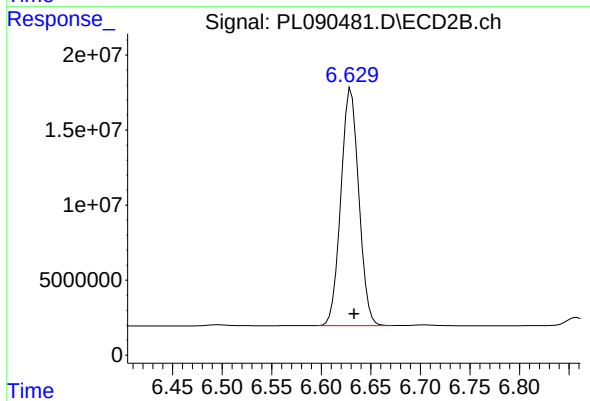
#18 Endrin aldehyde

R.T.: 6.129 min
Delta R.T.: -0.004 min
Response: 3055316
Conc: 2.40 ng/ml m



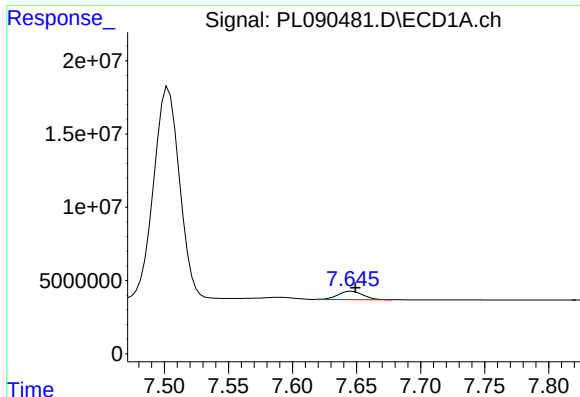
#20 Methoxychlor

R.T.: 7.502 min
Delta R.T.: -0.004 min
Response: 203409714
Conc: 197.38 ng/ml m



#20 Methoxychlor

R.T.: 6.629 min
Delta R.T.: -0.005 min
Response: 198989047
Conc: 238.52 ng/ml m



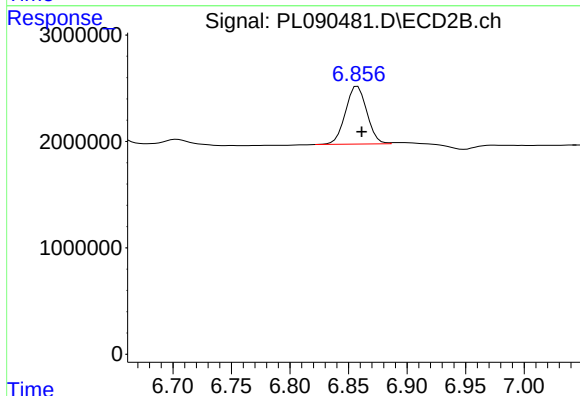
#21 Endrin ketone

R.T.: 7.645 min
Delta R.T.: -0.004 min
Response: 7874891
Conc: 3.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

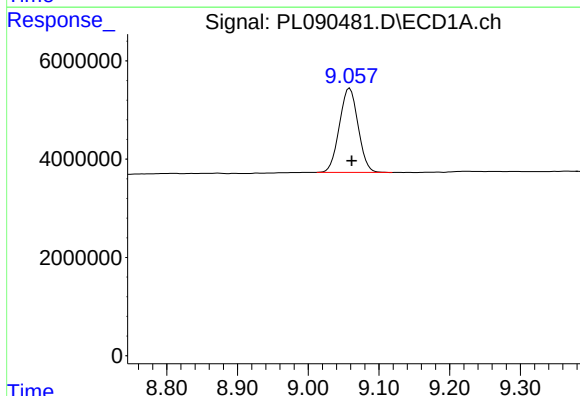
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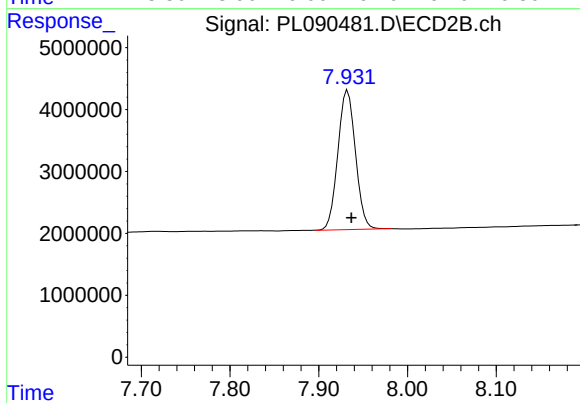
#21 Endrin ketone

R.T.: 6.858 min
Delta R.T.: -0.004 min
Response: 6897202
Conc: 3.85 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.059 min
Delta R.T.: -0.003 min
Response: 31523880
Conc: 20.44 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.931 min
Delta R.T.: -0.005 min
Response: 31015520
Conc: 20.79 ng/ml m