

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL061524\
 Data File : PL090154.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Jun 2024 14:27
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 06/14/2024
 Supervised By :Ankita Jodhani 06/14/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 13 14:55:24 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL052424.M
 Quant Title : GC Extractables
 QLast Update : Fri May 24 14:57:01 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...	3.549	2.793	42448742	28845800	20.274	20.118
28)	SA Decachlor...	9.066	7.940	26067061	25468809	17.728	17.139
Target Compounds							
2)	A alpha-BHC	4.004	3.297	30802317	19114670	10.331	8.942
3)	MA gamma-BHC...	4.337	3.627	28488155	18155343	9.802	8.680
6)	B beta-BHC	4.532	3.925	13200835	9614651	10.107	10.510
12)	B 4,4'-DDE	6.200	5.254	680119	394240	0.313m	0.236m
14)	MA Endrin	6.584	5.663	77851281	65789034	38.723	40.165
16)	A 4,4'-DDD	6.718	5.810	10136129	7345123	5.787	5.211
17)	MA 4,4'-DDT	7.033	6.061	133.1E6	130.0E6	72.296	85.606
18)	B Endrin al...	6.934	6.136	2721254	2435074	1.756	2.007
20)	A Methoxychlor	7.508	6.636	171.1E6	168.7E6	174.188	189.644
21)	B Endrin ke...	7.652	6.864	7330510	6782716	3.481	3.722

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

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Operator : AR\AJ
Sample : PEM
Misc :
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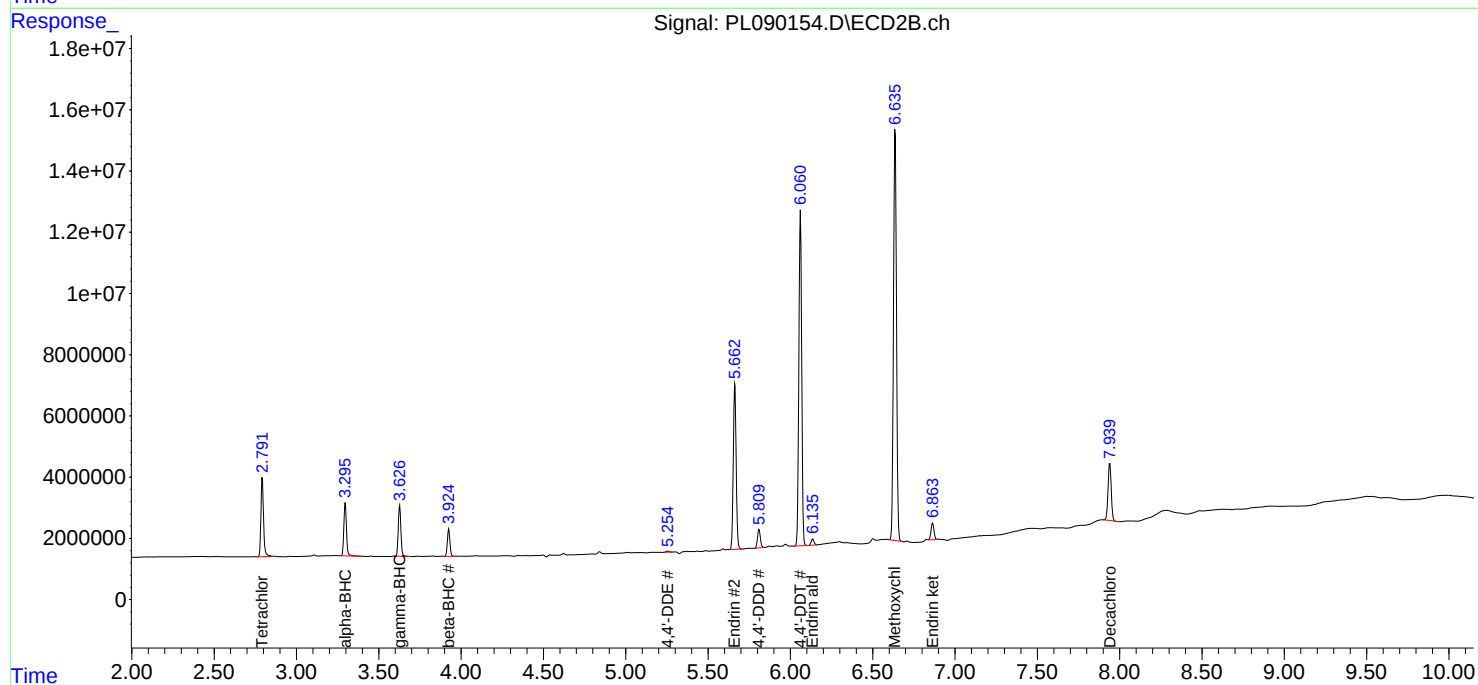
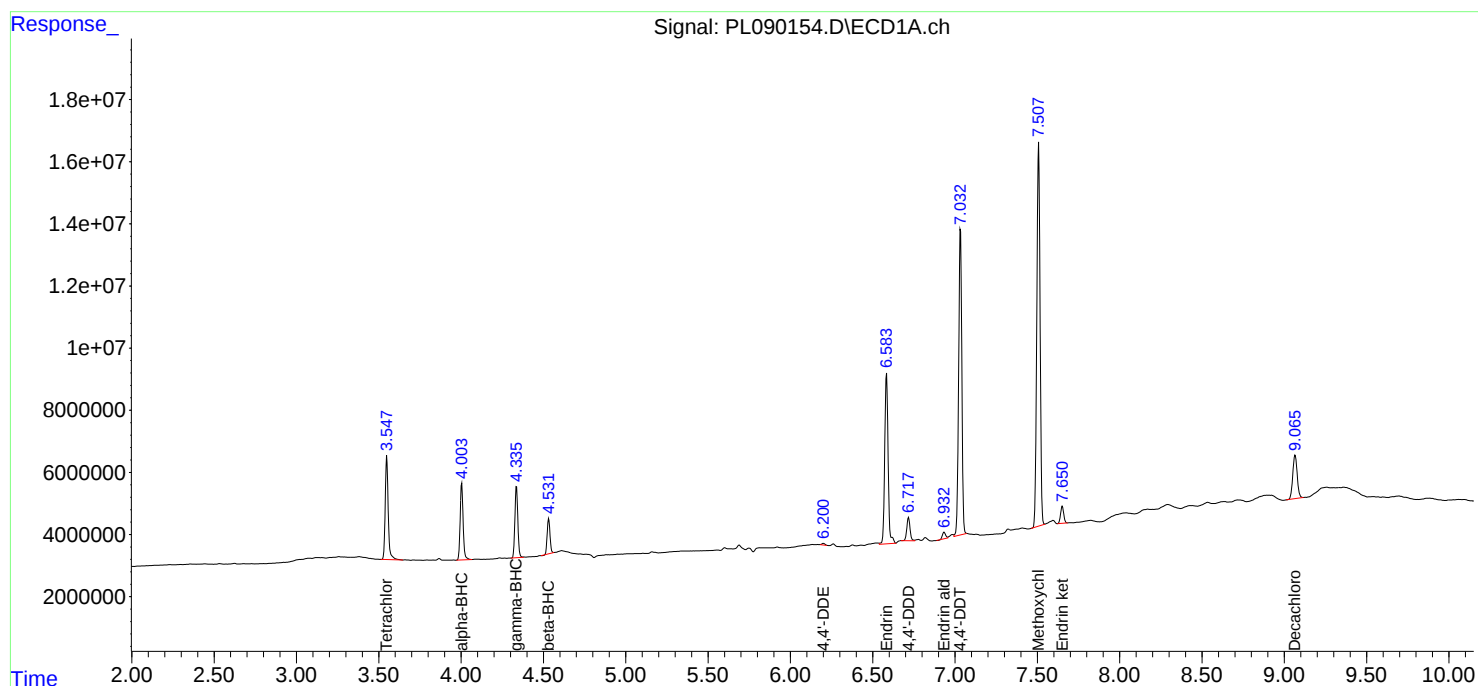
Instrument :
ECD_L
ClientSampleId :
PEM

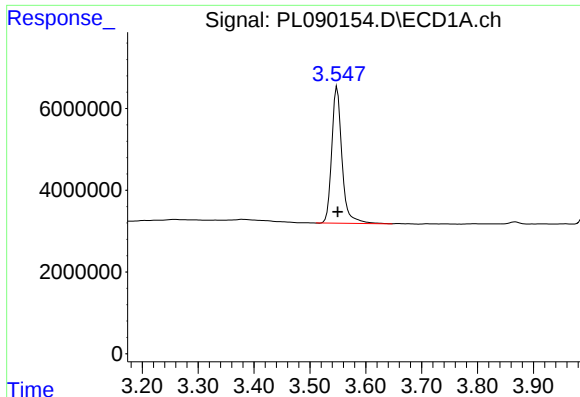
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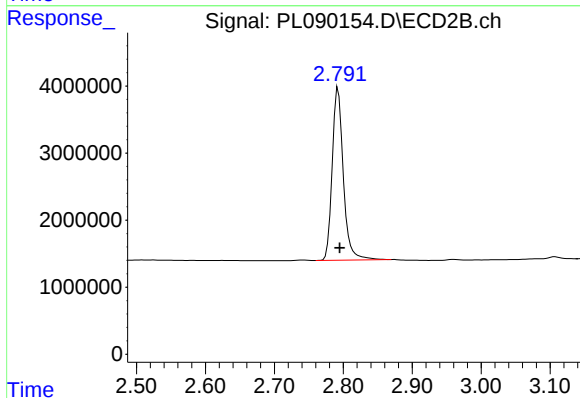
#1 Tetrachloro-m-xylene

R.T.: 3.549 min
Delta R.T.: -0.001 min
Response: 42448742
Conc: 20.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

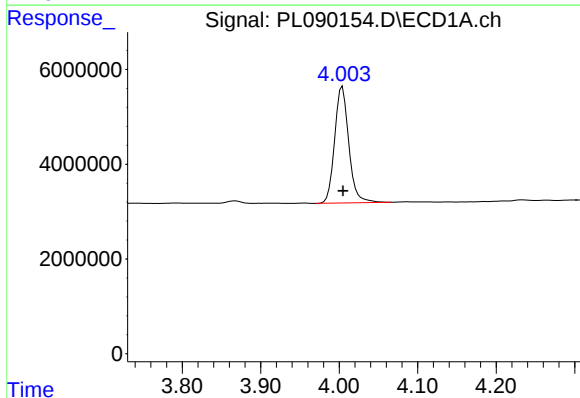
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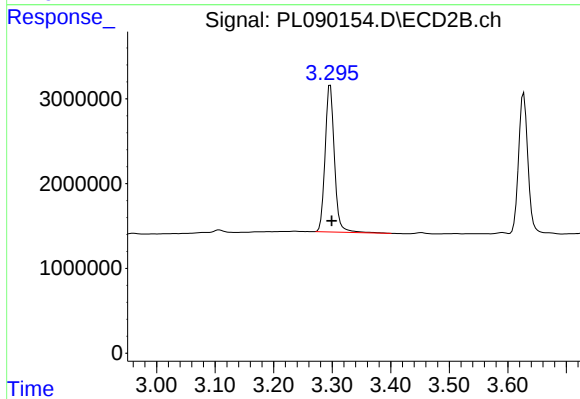
#1 Tetrachloro-m-xylene

R.T.: 2.793 min
Delta R.T.: -0.002 min
Response: 28845800
Conc: 20.12 ng/ml



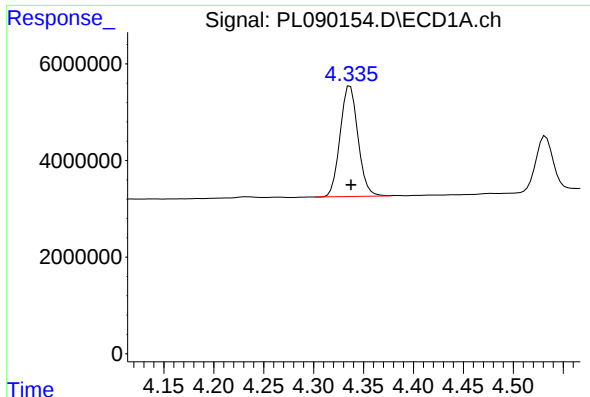
#2 alpha-BHC

R.T.: 4.004 min
Delta R.T.: -0.001 min
Response: 30802317
Conc: 10.33 ng/ml



#2 alpha-BHC

R.T.: 3.297 min
Delta R.T.: -0.003 min
Response: 19114670
Conc: 8.94 ng/ml



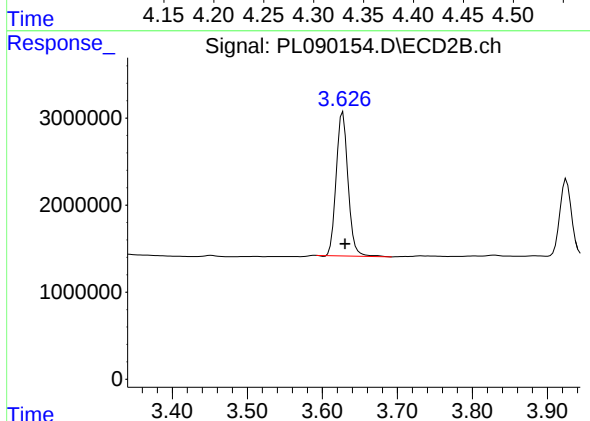
#3 gamma-BHC (Lindane)

R.T.: 4.337 min
Delta R.T.: 0.000 min
Response: 28488155
Conc: 9.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

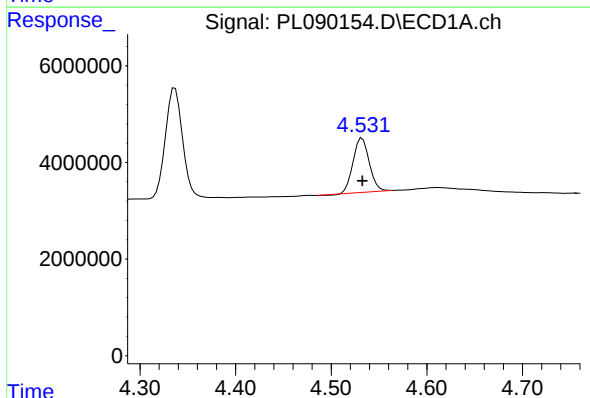
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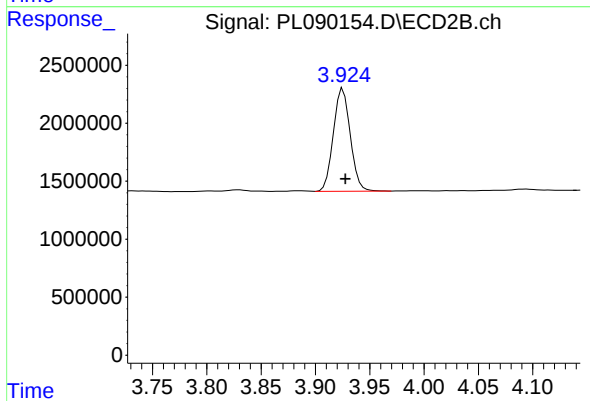
#3 gamma-BHC (Lindane)

R.T.: 3.627 min
Delta R.T.: -0.003 min
Response: 18155343
Conc: 8.68 ng/ml



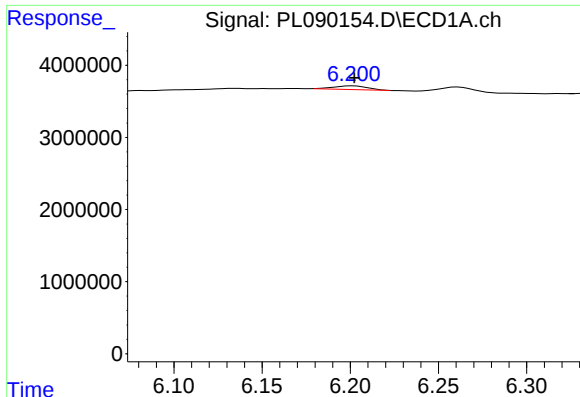
#6 beta-BHC

R.T.: 4.532 min
Delta R.T.: 0.000 min
Response: 13200835
Conc: 10.11 ng/ml



#6 beta-BHC

R.T.: 3.925 min
Delta R.T.: -0.002 min
Response: 9614651
Conc: 10.51 ng/ml



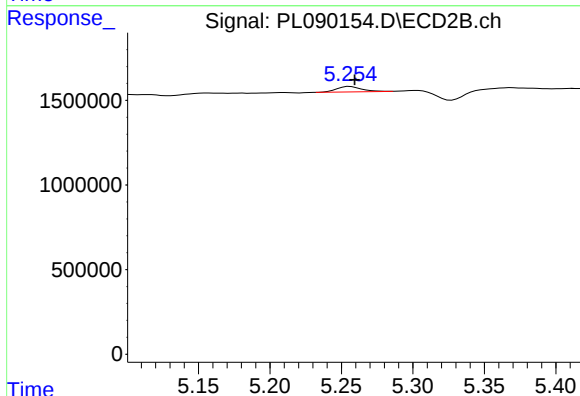
#12 4,4'-DDE

R.T.: 6.200 min
Delta R.T.: -0.002 min
Response: 680119
Conc: 0.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

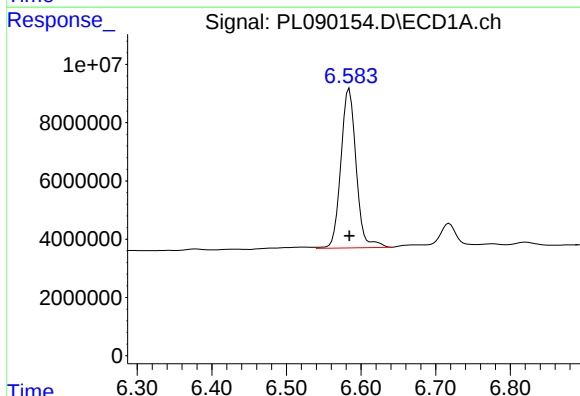
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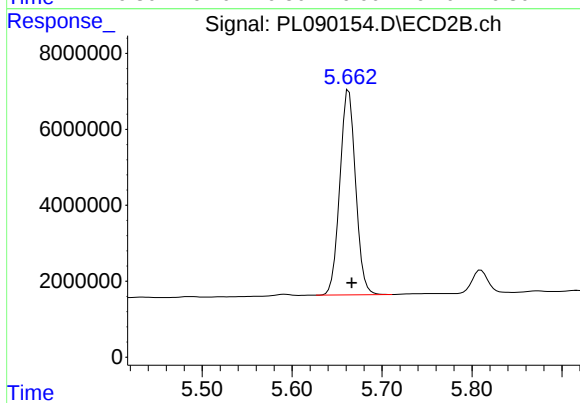
#12 4,4'-DDE

R.T.: 5.254 min
Delta R.T.: -0.005 min
Response: 394240
Conc: 0.24 ng/ml m



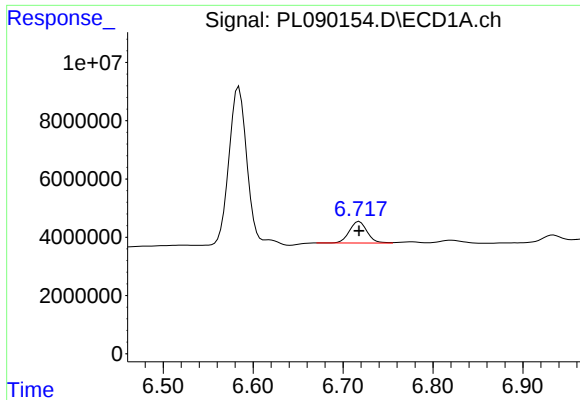
#14 Endrin

R.T.: 6.584 min
Delta R.T.: 0.000 min
Response: 77851281
Conc: 38.72 ng/ml



#14 Endrin

R.T.: 5.663 min
Delta R.T.: -0.003 min
Response: 65789034
Conc: 40.16 ng/ml



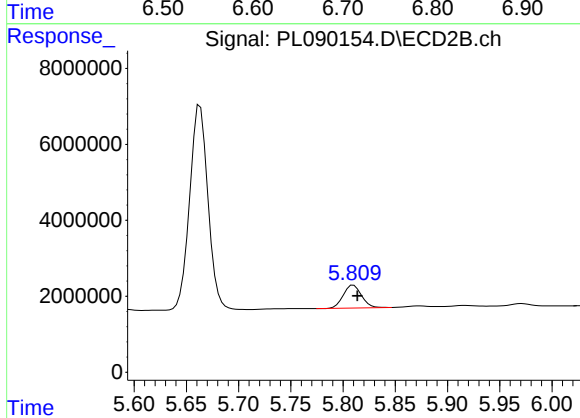
#16 4,4'-DDD

R.T.: 6.718 min
Delta R.T.: 0.000 min
Response: 10136129
Conc: 5.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

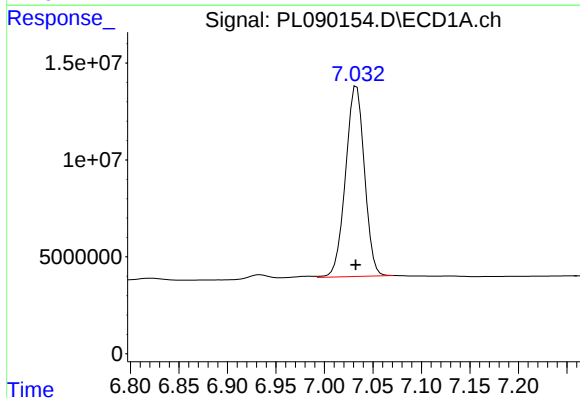
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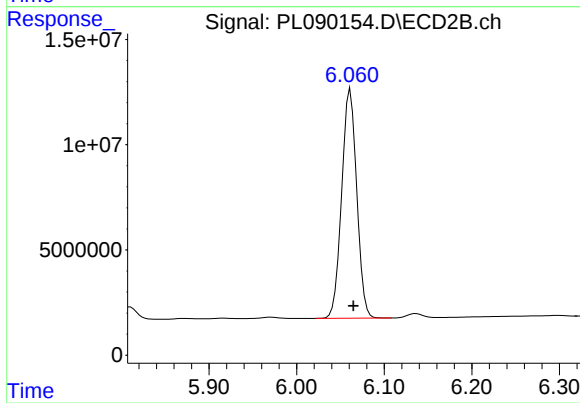
#16 4,4'-DDD

R.T.: 5.810 min
Delta R.T.: -0.004 min
Response: 7345123
Conc: 5.21 ng/ml



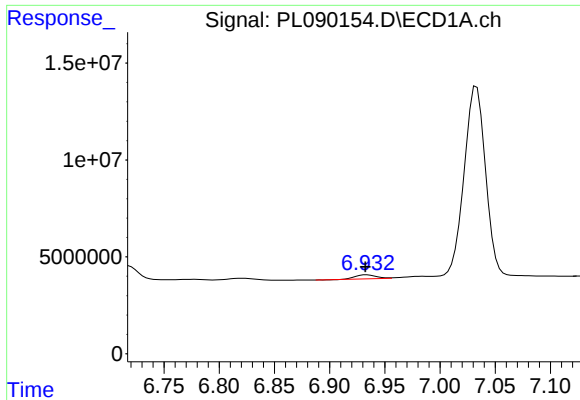
#17 4,4'-DDT

R.T.: 7.033 min
Delta R.T.: 0.001 min
Response: 133104376
Conc: 72.30 ng/ml



#17 4,4'-DDT

R.T.: 6.061 min
Delta R.T.: -0.003 min
Response: 130001419
Conc: 85.61 ng/ml



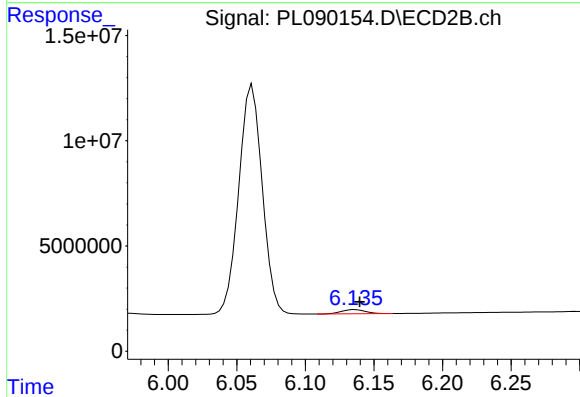
#18 Endrin aldehyde

R.T.: 6.934 min
Delta R.T.: 0.001 min
Response: 2721254
Conc: 1.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

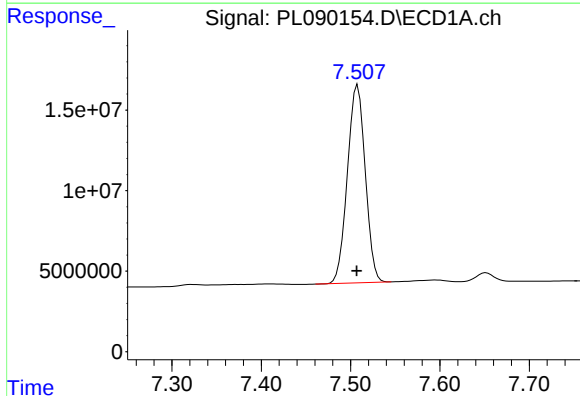
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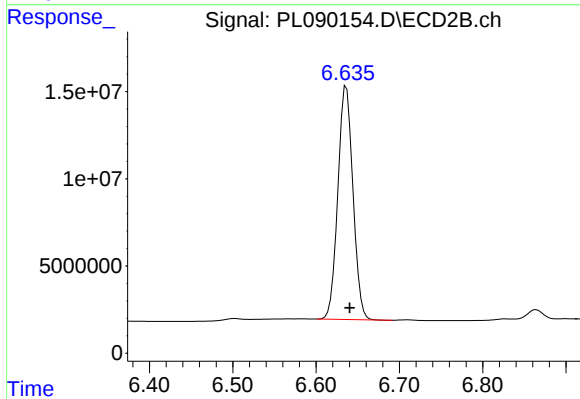
#18 Endrin aldehyde

R.T.: 6.136 min
Delta R.T.: -0.003 min
Response: 2435074
Conc: 2.01 ng/ml



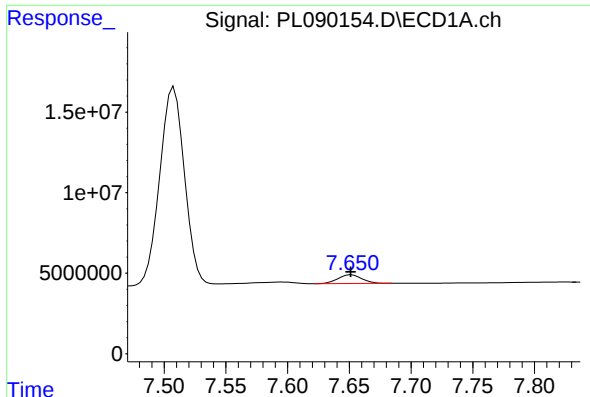
#20 Methoxychlor

R.T.: 7.508 min
Delta R.T.: 0.001 min
Response: 171083502
Conc: 174.19 ng/ml



#20 Methoxychlor

R.T.: 6.636 min
Delta R.T.: -0.004 min
Response: 168703660
Conc: 189.64 ng/ml



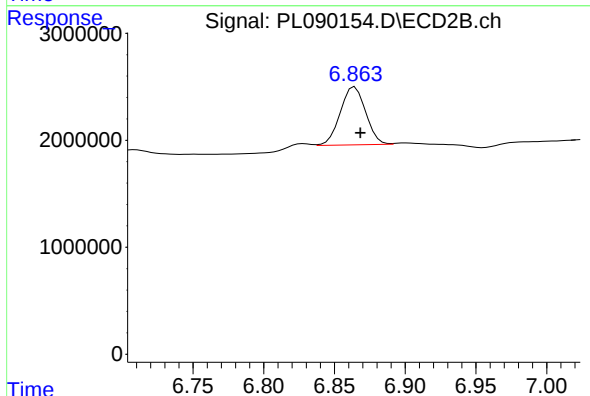
#21 Endrin ketone

R.T.: 7.652 min
Delta R.T.: 0.000 min
Response: 7330510
Conc: 3.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

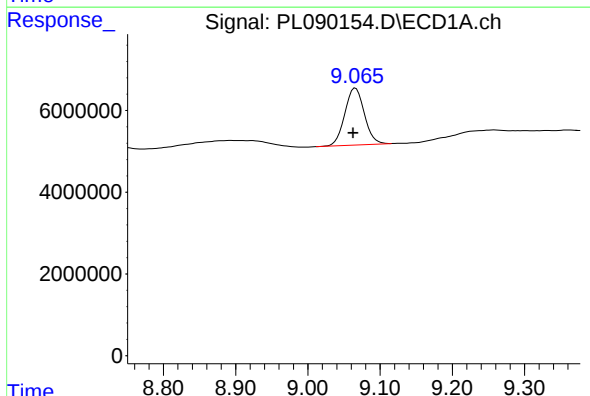
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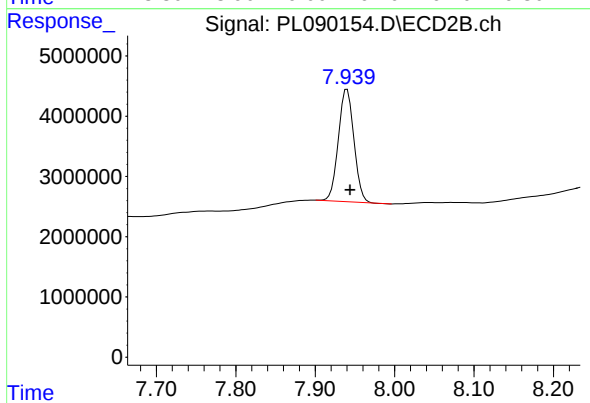
#21 Endrin ketone

R.T.: 6.864 min
Delta R.T.: -0.004 min
Response: 6782716
Conc: 3.72 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.066 min
Delta R.T.: 0.003 min
Response: 26067061
Conc: 17.73 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.940 min
Delta R.T.: -0.004 min
Response: 25468809
Conc: 17.14 ng/ml