

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092324\
 Data File : PL091975.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Sep 2024 16:27
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 09/25/2024
 Supervised By :Ankita Jodhani 09/25/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 23 16:48:20 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 23 16:44:57 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...	3.544	2.783	44709491	49374933	20.097	19.686
28)	SA Decachlor...	9.060	7.923	33375350	50433954	20.373	20.158
Target Compounds							
2)	A alpha-BHC	3.999	3.286	32013024	33892550	10.338	9.303
3)	MA gamma-BHC...	4.330	3.616	30473906	31669141	9.834m	8.969
6)	B beta-BHC	4.529	3.915	14525944	16378840	10.952	10.897
12)	B 4,4'-DDE	6.198	5.240	306156	327929	0.141m	0.118m
14)	MA Endrin	6.579	5.648	88429361	121.8E6	42.912	46.437
16)	A 4,4'-DDD	6.714	5.796	3660906	3747629	2.039	1.754
17)	MA 4,4'-DDT	7.028	6.045	165.2E6	241.4E6	89.735	104.347m
18)	B Endrin al...	6.928	6.122	2460763	3730887	1.412	1.828 #
20)	A Methoxychlor	7.504	6.620	209.2E6	297.7E6	213.104	238.092m
21)	B Endrin ke...	7.647	6.848	5706046	6532432	2.597	2.359m

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

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Acq On : 23 Sep 2024 16:27
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

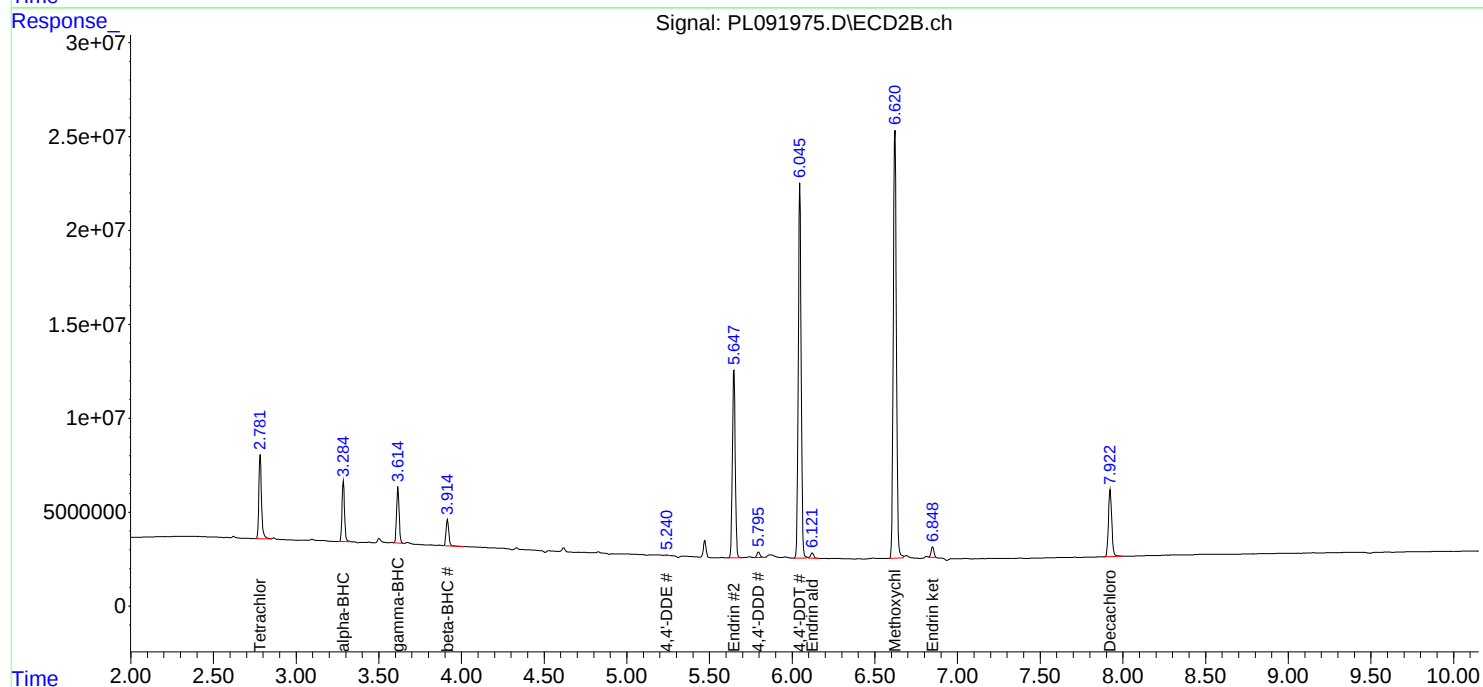
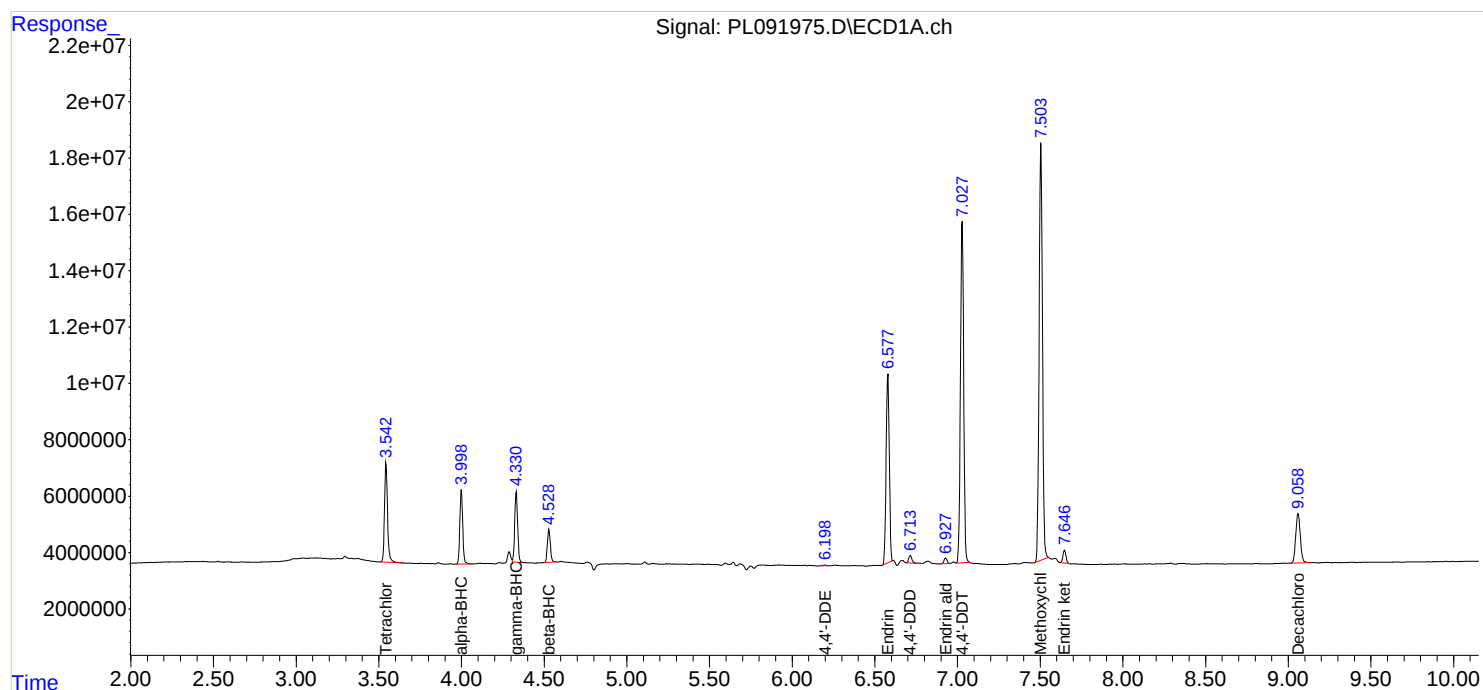
Instrument :
ECD_L
ClientSampleId :
PEM

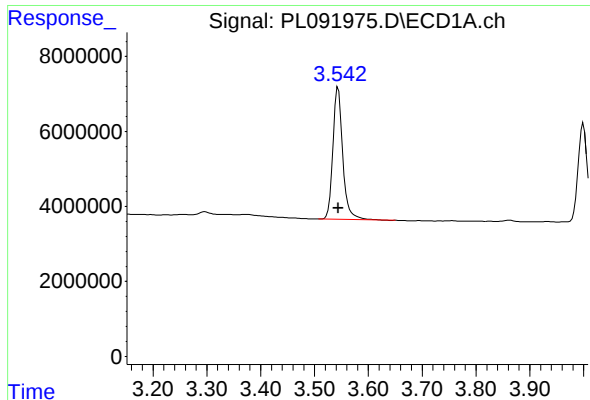
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
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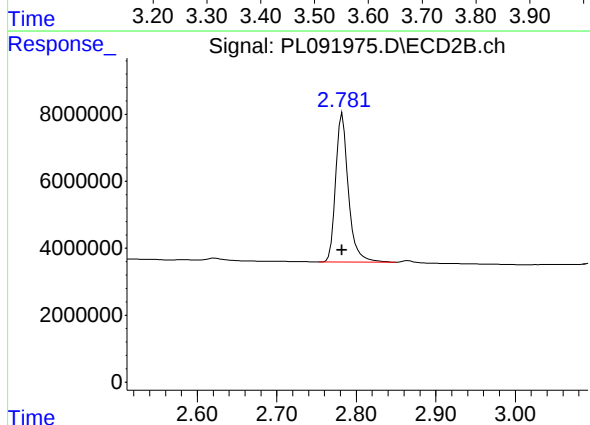
#1 Tetrachloro-m-xylene

R.T.: 3.544 min
Delta R.T.: 0.000 min
Response: 44709491
Conc: 20.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

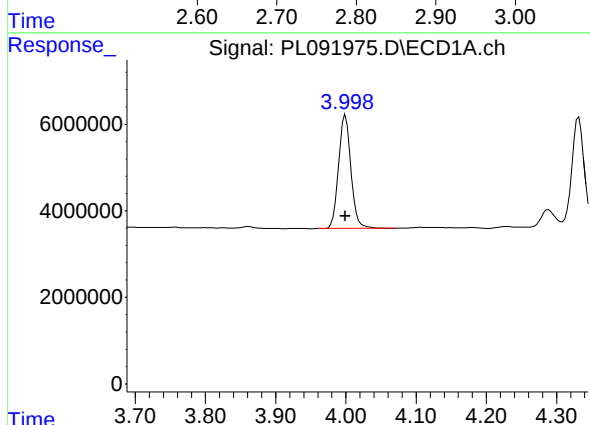
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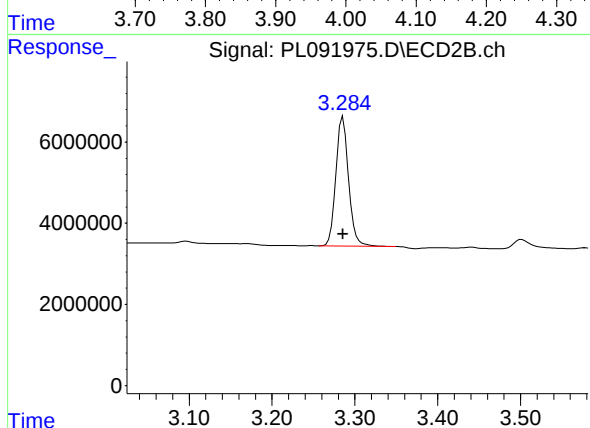
#1 Tetrachloro-m-xylene

R.T.: 2.783 min
Delta R.T.: 0.000 min
Response: 49374933
Conc: 19.69 ng/ml



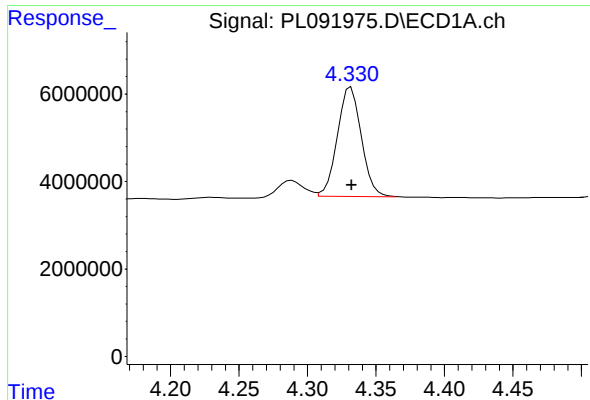
#2 alpha-BHC

R.T.: 3.999 min
Delta R.T.: 0.000 min
Response: 32013024
Conc: 10.34 ng/ml



#2 alpha-BHC

R.T.: 3.286 min
Delta R.T.: 0.000 min
Response: 33892550
Conc: 9.30 ng/ml



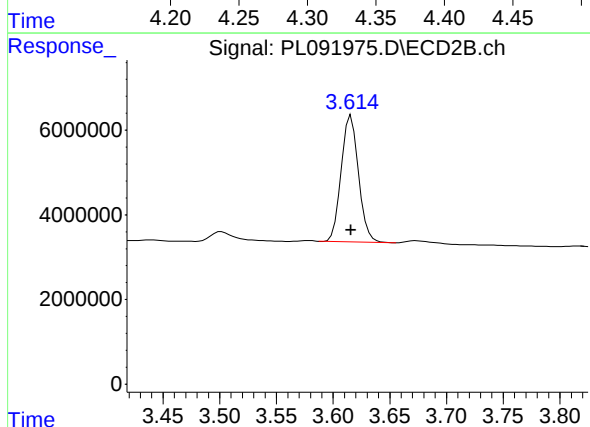
#3 gamma-BHC (Lindane)

R.T.: 4.330 min
Delta R.T.: -0.002 min
Response: 30473906
Conc: 9.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

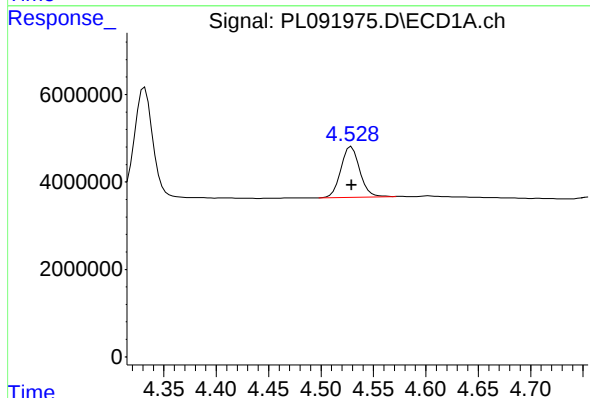
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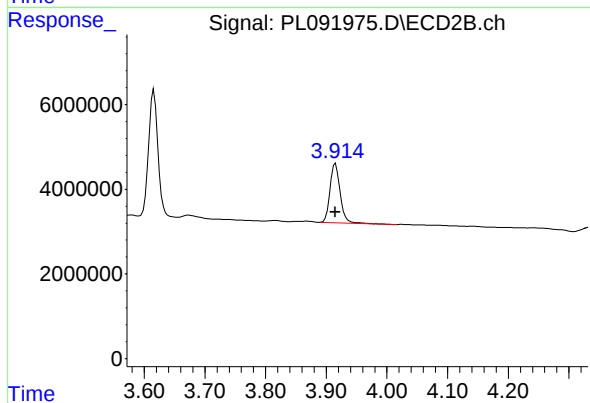
#3 gamma-BHC (Lindane)

R.T.: 3.616 min
Delta R.T.: 0.000 min
Response: 31669141
Conc: 8.97 ng/ml



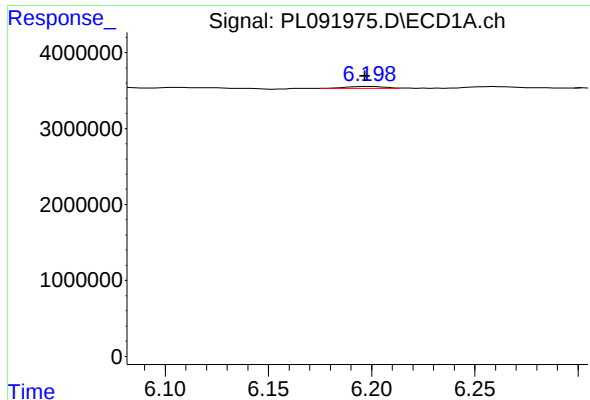
#6 beta-BHC

R.T.: 4.529 min
Delta R.T.: 0.000 min
Response: 14525944
Conc: 10.95 ng/ml



#6 beta-BHC

R.T.: 3.915 min
Delta R.T.: 0.000 min
Response: 16378840
Conc: 10.90 ng/ml



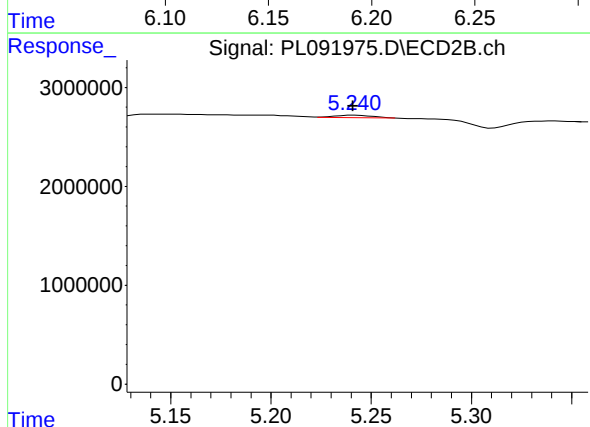
#12 4,4'-DDE

R.T.: 6.198 min
Delta R.T.: 0.000 min
Response: 306156
Conc: 0.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

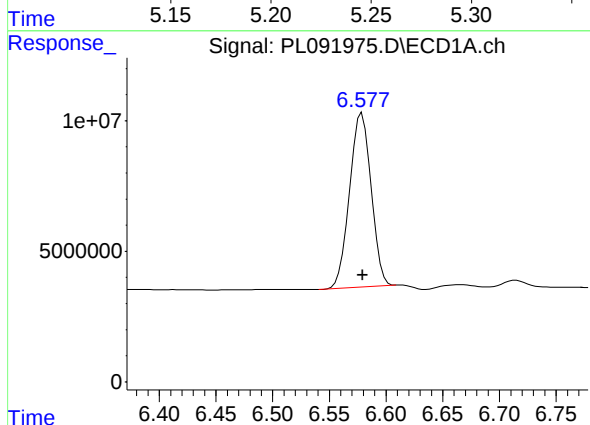
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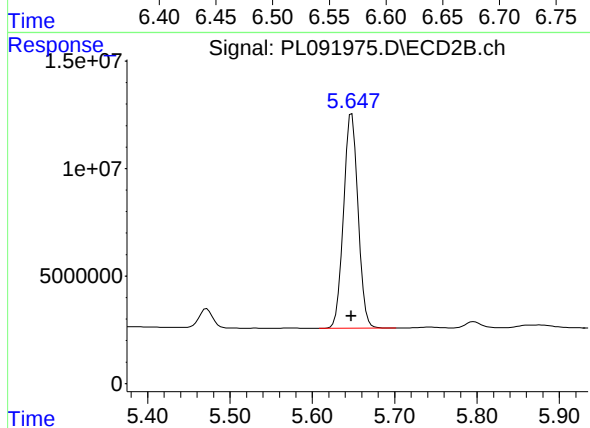
#12 4,4'-DDE

R.T.: 5.240 min
Delta R.T.: 0.000 min
Response: 327929
Conc: 0.12 ng/ml



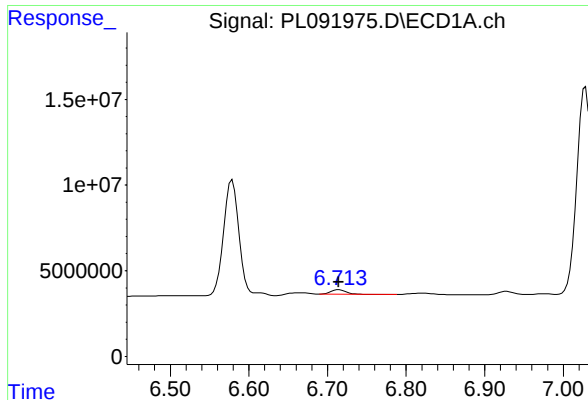
#14 Endrin

R.T.: 6.579 min
Delta R.T.: 0.000 min
Response: 88429361
Conc: 42.91 ng/ml



#14 Endrin

R.T.: 5.648 min
Delta R.T.: 0.000 min
Response: 121765989
Conc: 46.44 ng/ml



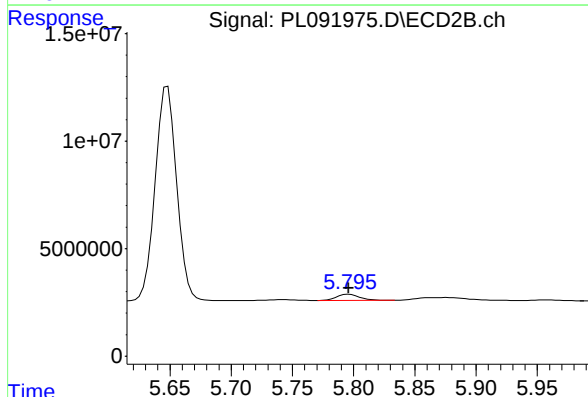
#16 4,4'-DDD

R.T.: 6.714 min
Delta R.T.: 0.000 min
Response: 3660906
Conc: 2.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

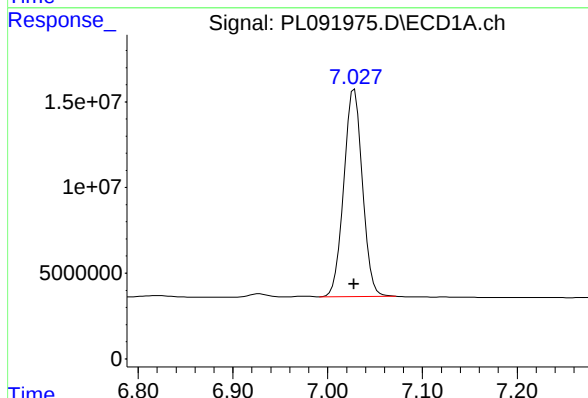
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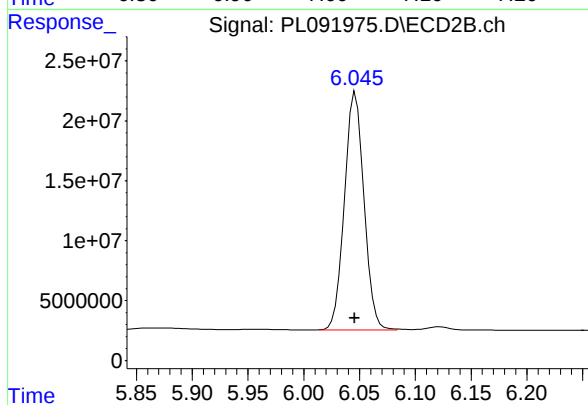
#16 4,4'-DDD

R.T.: 5.796 min
Delta R.T.: 0.000 min
Response: 3747629
Conc: 1.75 ng/ml



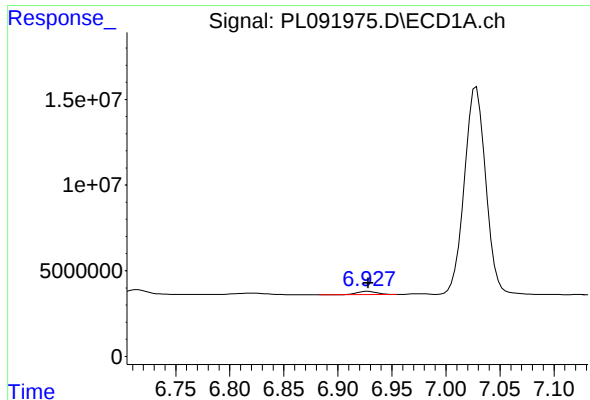
#17 4,4'-DDT

R.T.: 7.028 min
Delta R.T.: 0.000 min
Response: 165220598
Conc: 89.74 ng/ml



#17 4,4'-DDT

R.T.: 6.045 min
Delta R.T.: 0.000 min
Response: 241372073
Conc: 104.35 ng/ml m



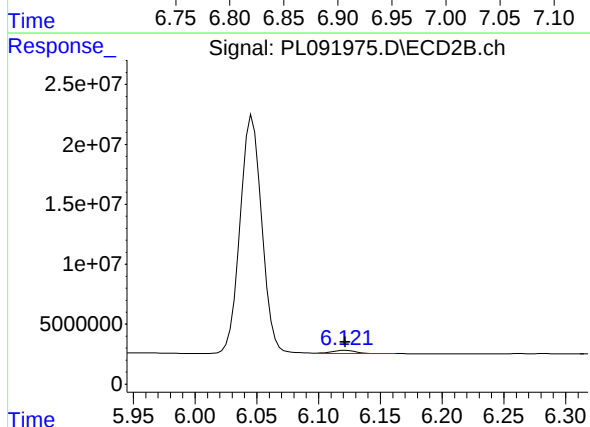
#18 Endrin aldehyde

R.T.: 6.928 min
Delta R.T.: 0.000 min
Response: 2460763
Conc: 1.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

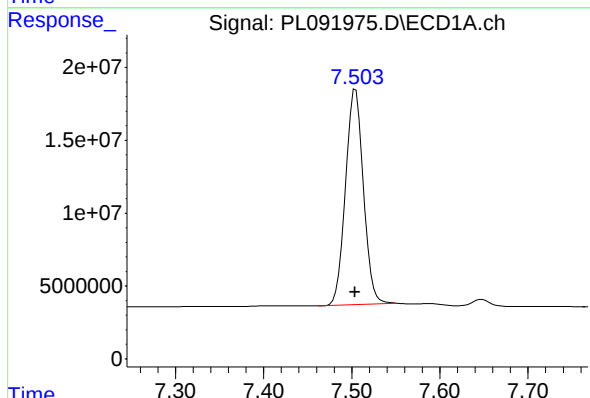
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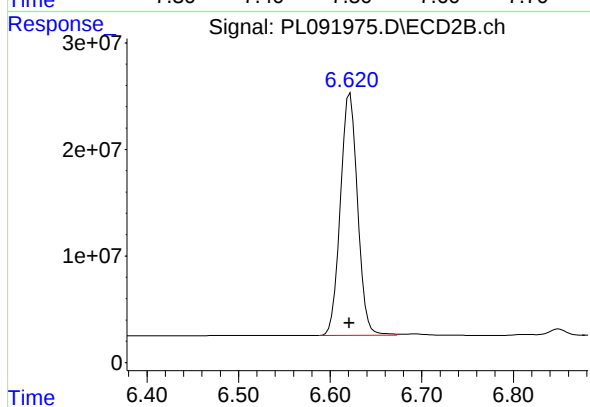
#18 Endrin aldehyde

R.T.: 6.122 min
Delta R.T.: 0.000 min
Response: 3730887
Conc: 1.83 ng/ml



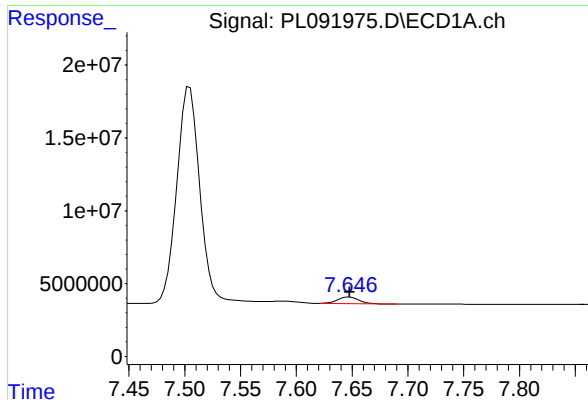
#20 Methoxychlor

R.T.: 7.504 min
Delta R.T.: 0.000 min
Response: 209206789
Conc: 213.10 ng/ml



#20 Methoxychlor

R.T.: 6.620 min
Delta R.T.: 0.000 min
Response: 297697957
Conc: 238.09 ng/ml m



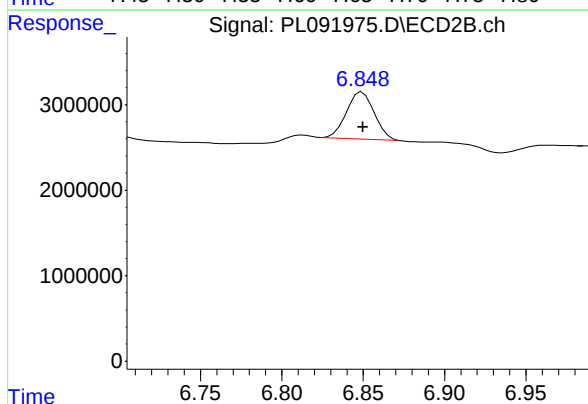
#21 Endrin ketone

R.T.: 7.647 min
Delta R.T.: 0.000 min
Response: 5706046
Conc: 2.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

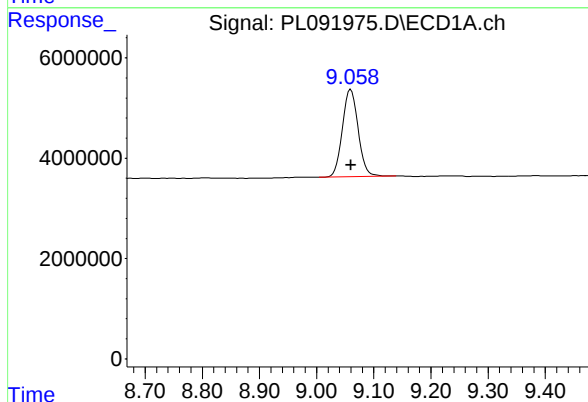
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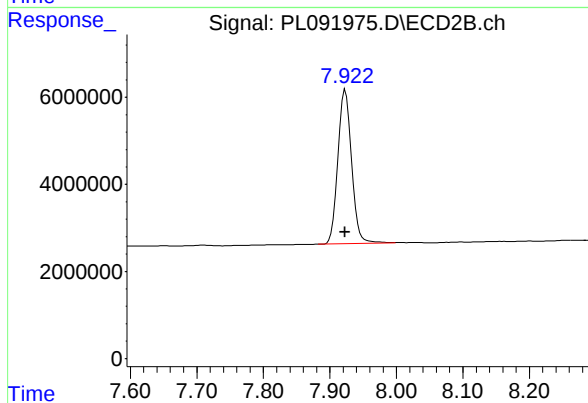
#21 Endrin ketone

R.T.: 6.848 min
Delta R.T.: -0.002 min
Response: 6532432
Conc: 2.36 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.060 min
Delta R.T.: 0.000 min
Response: 33375350
Conc: 20.37 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.923 min
Delta R.T.: 0.000 min
Response: 50433954
Conc: 20.16 ng/ml