

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL011224\
 Data File : PL087745.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Jan 2024 09:14
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 01/15/2024
 Supervised By : Ankita Jodhani 01/15/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 12 22:51:08 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL122823.M
 Quant Title : GC Extractables
 QLast Update : Fri Dec 29 03:17:47 2023
 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...	3.420	2.674	64980080	26994393	21.705	22.285
28)	SA Decachlor...	8.981	7.862	64809734	29508335	22.756	23.293
Target Compounds							
2)	A alpha-BHC	3.876	3.178	44880847	17974362	10.003	9.752
3)	MA gamma-BHC...	4.210	3.508	43492096	16965841	9.971	9.336
6)	B beta-BHC	4.410	3.810	21903638	8720845	11.773	11.402
12)	B 4,4'-DDE	6.095	5.154	671136	231884	0.210	0.172
14)	MA Endrin	6.471	5.552	148.1E6	70887245	47.150	49.992
16)	A 4,4'-DDD	6.614	5.711	4743269	1330971	1.839m	1.180m#
17)	MA 4,4'-DDT	6.934	5.966	311.8E6	146.4E6	109.048	117.593
18)	B Endrin al...	6.824	6.032	4800116	2852384	1.908	2.454m#
20)	A Methoxychlor	7.419	6.551	404.4E6	184.7E6	249.082	250.948
21)	B Endrin ke...	7.547	6.762	10699484	4811384	3.289	3.138

(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

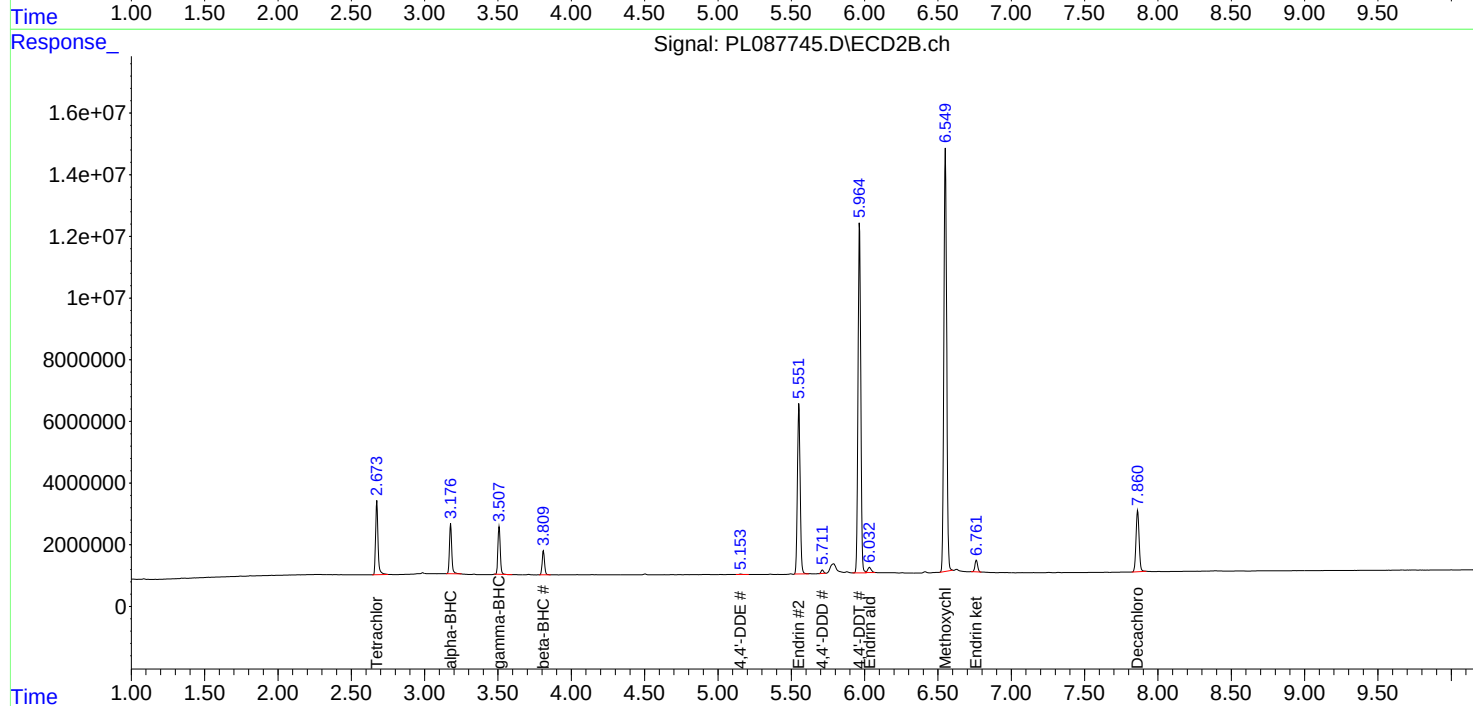
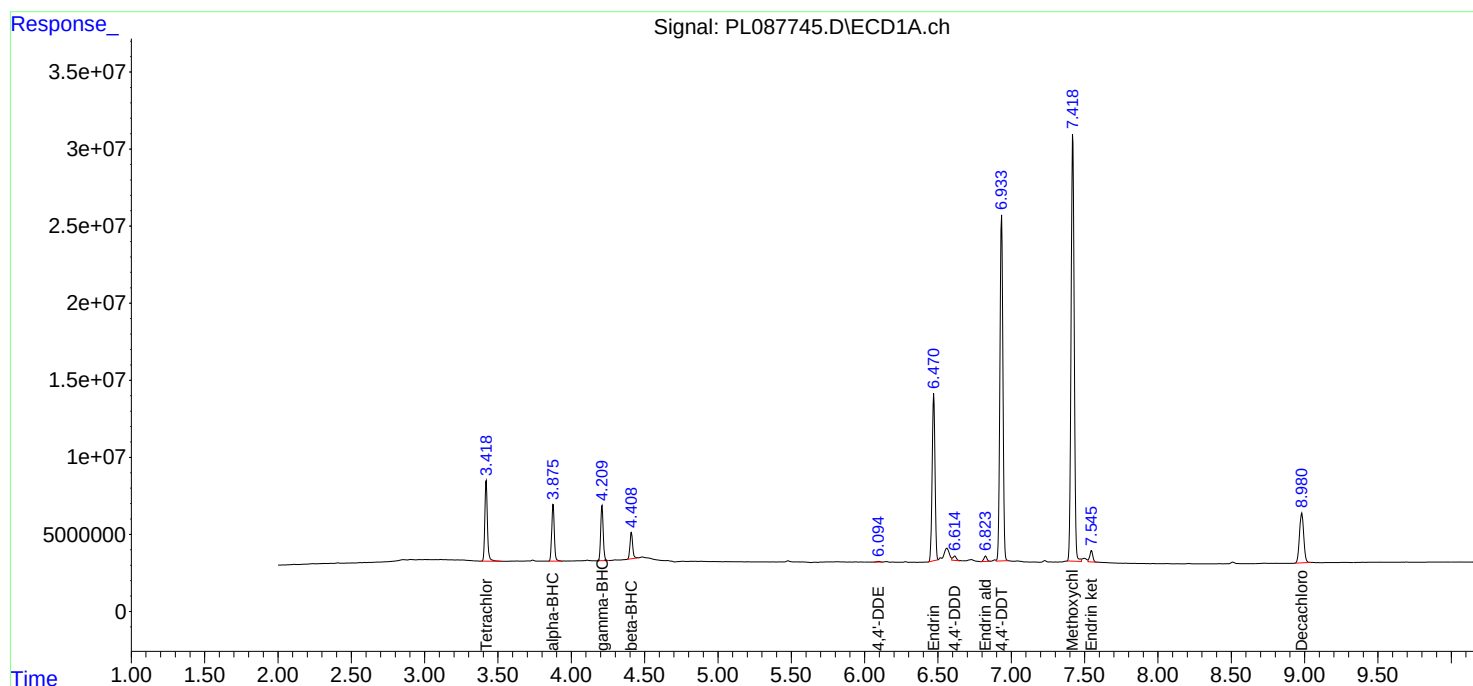
Instrument :
ECD_L
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PEM

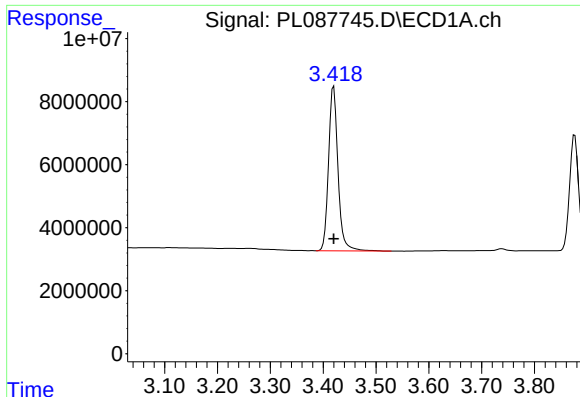
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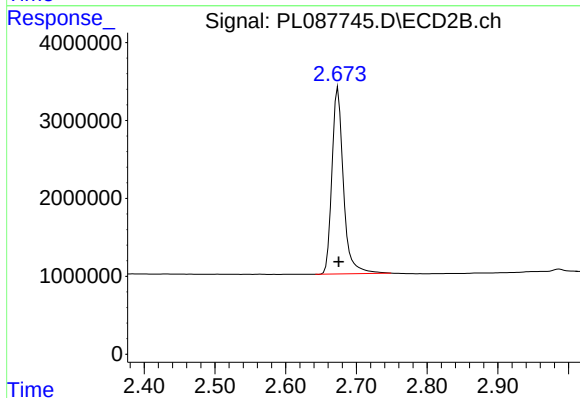
#1 Tetrachloro-m-xylene

R.T.: 3.420 min
Delta R.T.: 0.000 min
Response: 64980080
Conc: 21.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

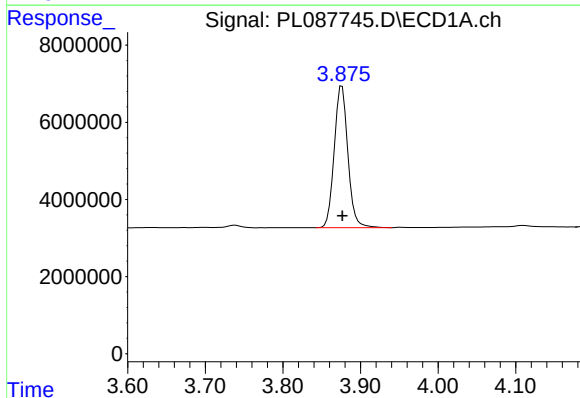
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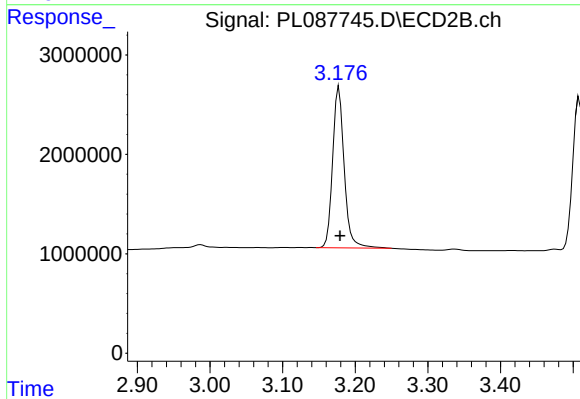
#1 Tetrachloro-m-xylene

R.T.: 2.674 min
Delta R.T.: 0.000 min
Response: 26994393
Conc: 22.28 ng/ml



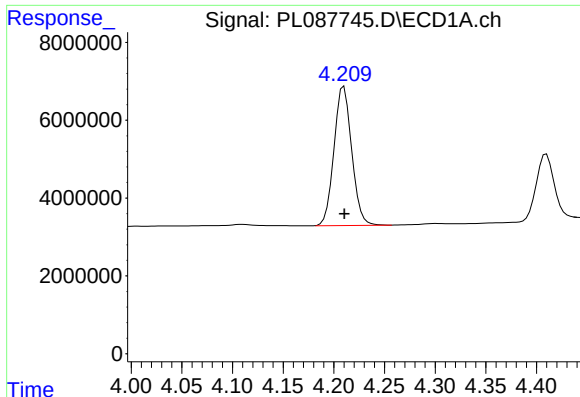
#2 alpha-BHC

R.T.: 3.876 min
Delta R.T.: 0.000 min
Response: 44880847
Conc: 10.00 ng/ml



#2 alpha-BHC

R.T.: 3.178 min
Delta R.T.: -0.002 min
Response: 17974362
Conc: 9.75 ng/ml



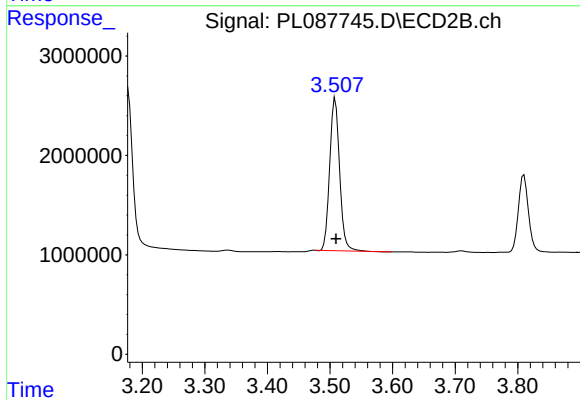
#3 gamma-BHC (Lindane)

R.T.: 4.210 min
Delta R.T.: 0.000 min
Response: 43492096
Conc: 9.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

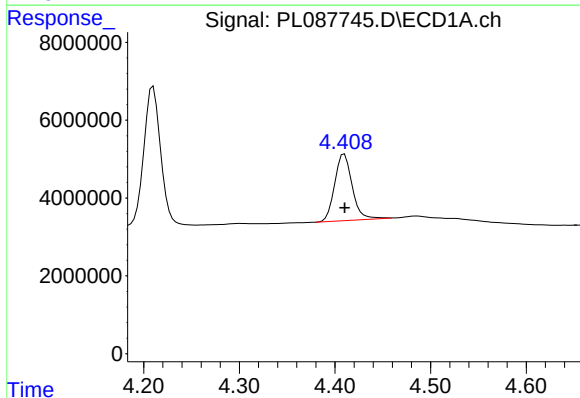
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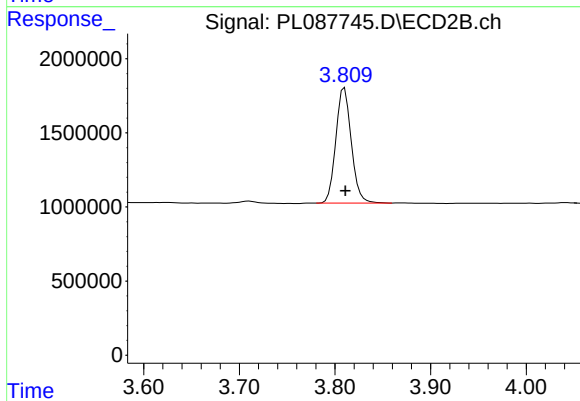
#3 gamma-BHC (Lindane)

R.T.: 3.508 min
Delta R.T.: -0.001 min
Response: 16965841
Conc: 9.34 ng/ml



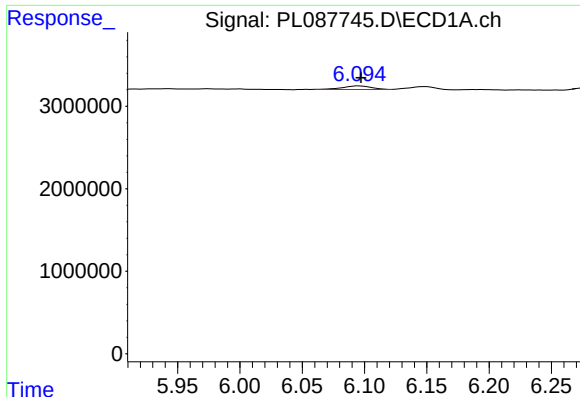
#6 beta-BHC

R.T.: 4.410 min
Delta R.T.: 0.000 min
Response: 21903638
Conc: 11.77 ng/ml



#6 beta-BHC

R.T.: 3.810 min
Delta R.T.: -0.001 min
Response: 8720845
Conc: 11.40 ng/ml



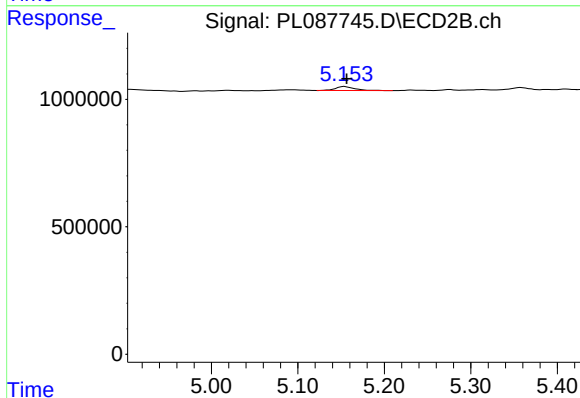
#12 4,4'-DDE

R.T.: 6.095 min
Delta R.T.: -0.002 min
Response: 671136
Conc: 0.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

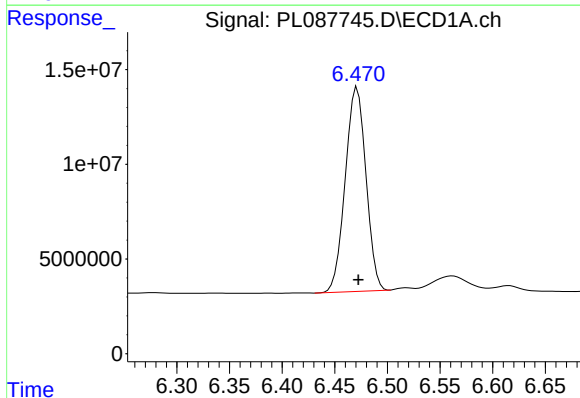
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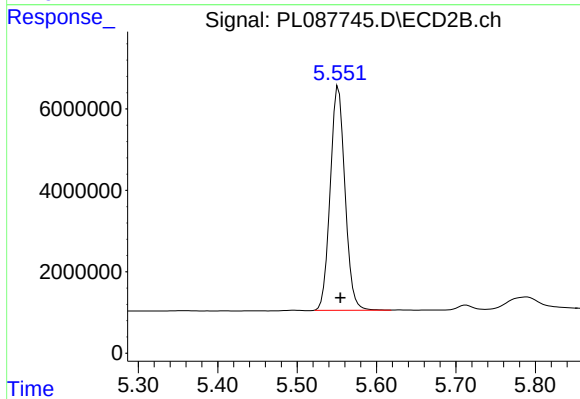
#12 4,4'-DDE

R.T.: 5.154 min
Delta R.T.: -0.002 min
Response: 231884
Conc: 0.17 ng/ml



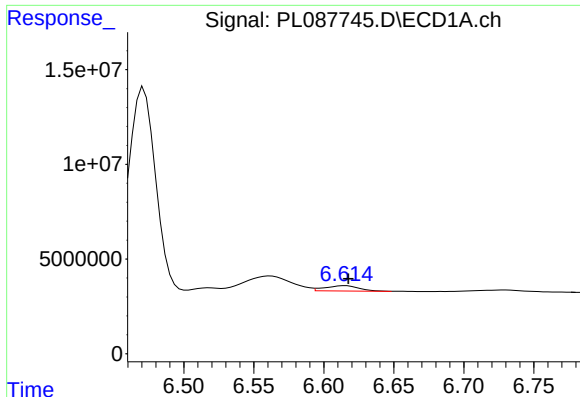
#14 Endrin

R.T.: 6.471 min
Delta R.T.: -0.001 min
Response: 148094775
Conc: 47.15 ng/ml



#14 Endrin

R.T.: 5.552 min
Delta R.T.: -0.002 min
Response: 70887245
Conc: 49.99 ng/ml



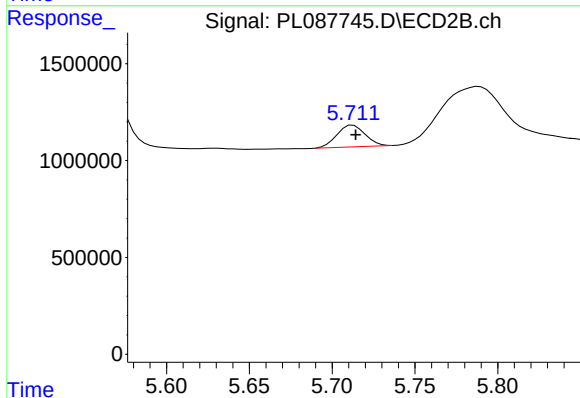
#16 4,4'-DDD

R.T.: 6.614 min
Delta R.T.: -0.003 min
Response: 4743269
Conc: 1.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

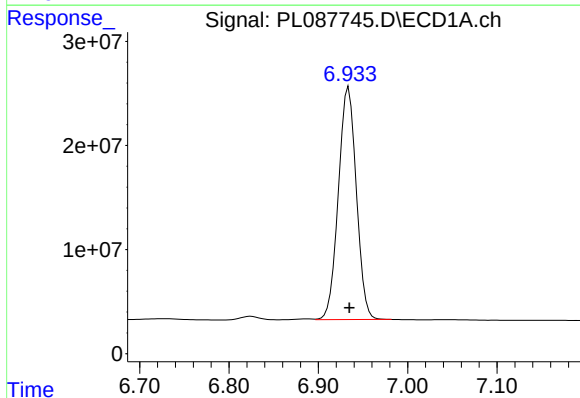
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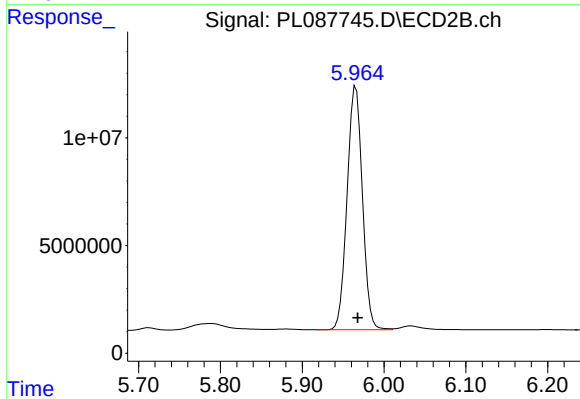
#16 4,4'-DDD

R.T.: 5.711 min
Delta R.T.: -0.003 min
Response: 1330971
Conc: 1.18 ng/ml m



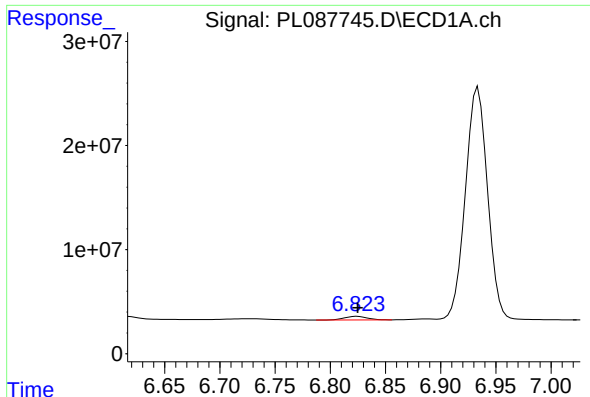
#17 4,4'-DDT

R.T.: 6.934 min
Delta R.T.: 0.000 min
Response: 311828631
Conc: 109.05 ng/ml



#17 4,4'-DDT

R.T.: 5.966 min
Delta R.T.: -0.002 min
Response: 146353875
Conc: 117.59 ng/ml



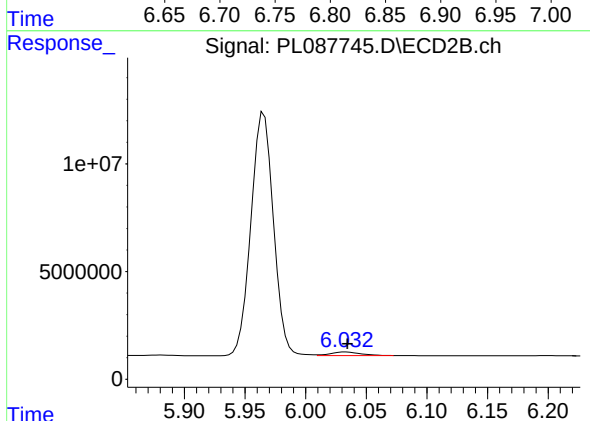
#18 Endrin aldehyde

R.T.: 6.824 min
Delta R.T.: 0.000 min
Response: 4800116
Conc: 1.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

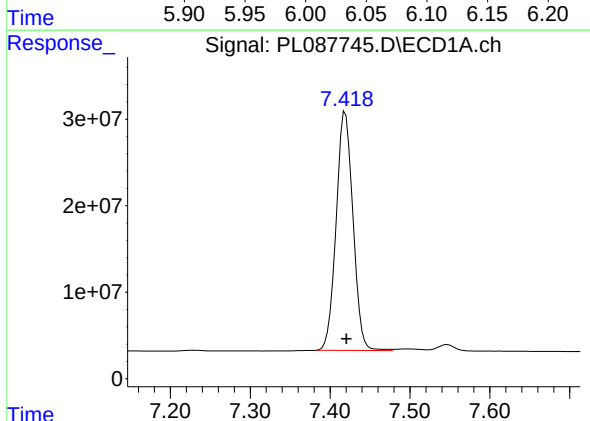
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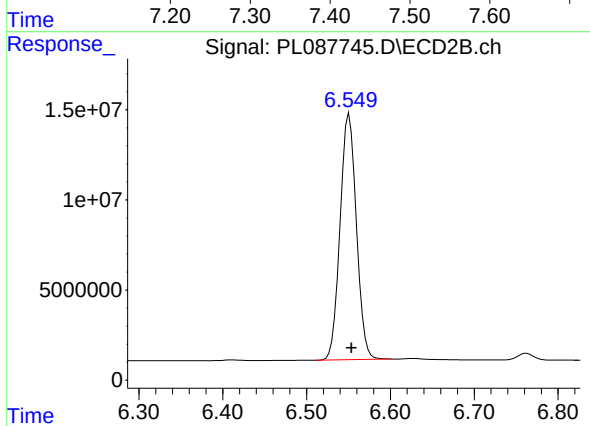
#18 Endrin aldehyde

R.T.: 6.032 min
Delta R.T.: -0.003 min
Response: 2852384
Conc: 2.45 ng/ml m



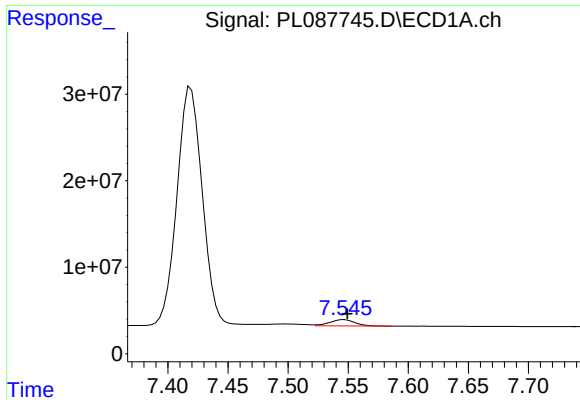
#20 Methoxychlor

R.T.: 7.419 min
Delta R.T.: -0.001 min
Response: 404405460
Conc: 249.08 ng/ml



#20 Methoxychlor

R.T.: 6.551 min
Delta R.T.: -0.003 min
Response: 184717874
Conc: 250.95 ng/ml



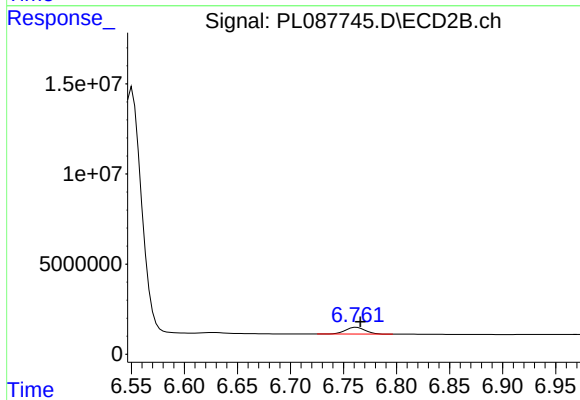
#21 Endrin ketone

R.T.: 7.547 min
Delta R.T.: -0.003 min
Response: 10699484
Conc: 3.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

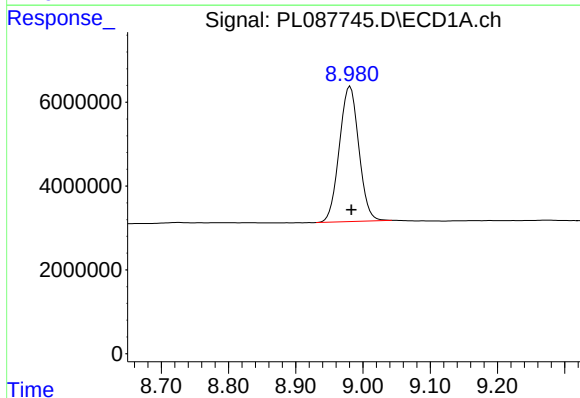
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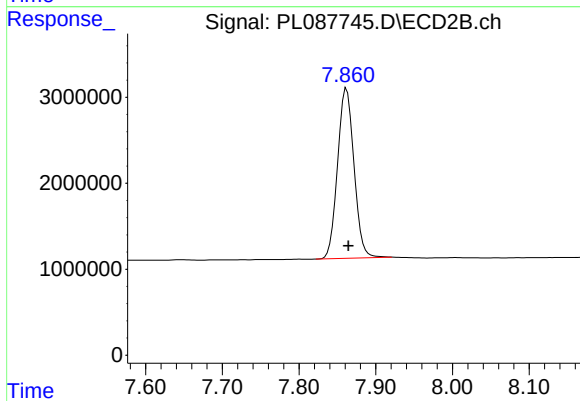
#21 Endrin ketone

R.T.: 6.762 min
Delta R.T.: -0.004 min
Response: 4811384
Conc: 3.14 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.981 min
Delta R.T.: -0.002 min
Response: 64809734
Conc: 22.76 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.862 min
Delta R.T.: -0.002 min
Response: 29508335
Conc: 23.29 ng/ml