

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL122523\
 Data File : PL087425.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Dec 2023 15:19
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 12/26/2023
 Supervised By : Ankita Jodhani 12/26/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 25 15:30:23 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL121523.M
 Quant Title : GC Extractables
 QLast Update : Sat Dec 16 04:03:23 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...	3.422	2.676	54323893	22759544	14.435	13.521
28)	SA Decachlor...	8.979	7.864	55636339	24433961	16.316	14.467
Target Compounds							
2)	A alpha-BHC	3.878	3.179	37224984	15053963	6.876	6.125m
3)	MA gamma-BHC...	4.211	3.509	36552525	15026737	6.955	6.203m
6)	B beta-BHC	4.411	3.811	17986782	7556955	7.831	7.259m
14)	MA Endrin	6.472	5.555	130.8E6	62908526	33.986	31.523
16)	A 4,4'-DDD	6.614	5.715	262142	183647	0.079m	0.111 #
17)	MA 4,4'-DDT	6.935	5.968	274.0E6	128.6E6	72.856	69.709
18)	B Endrin al...	6.824	6.037	2252086	2966981	0.777m	2.022 #
20)	A Methoxychlor	7.420	6.553	364.6E6	169.8E6	186.959	166.228m
21)	B Endrin ke...	7.547	6.764	4912455	2680623	1.208	1.259

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

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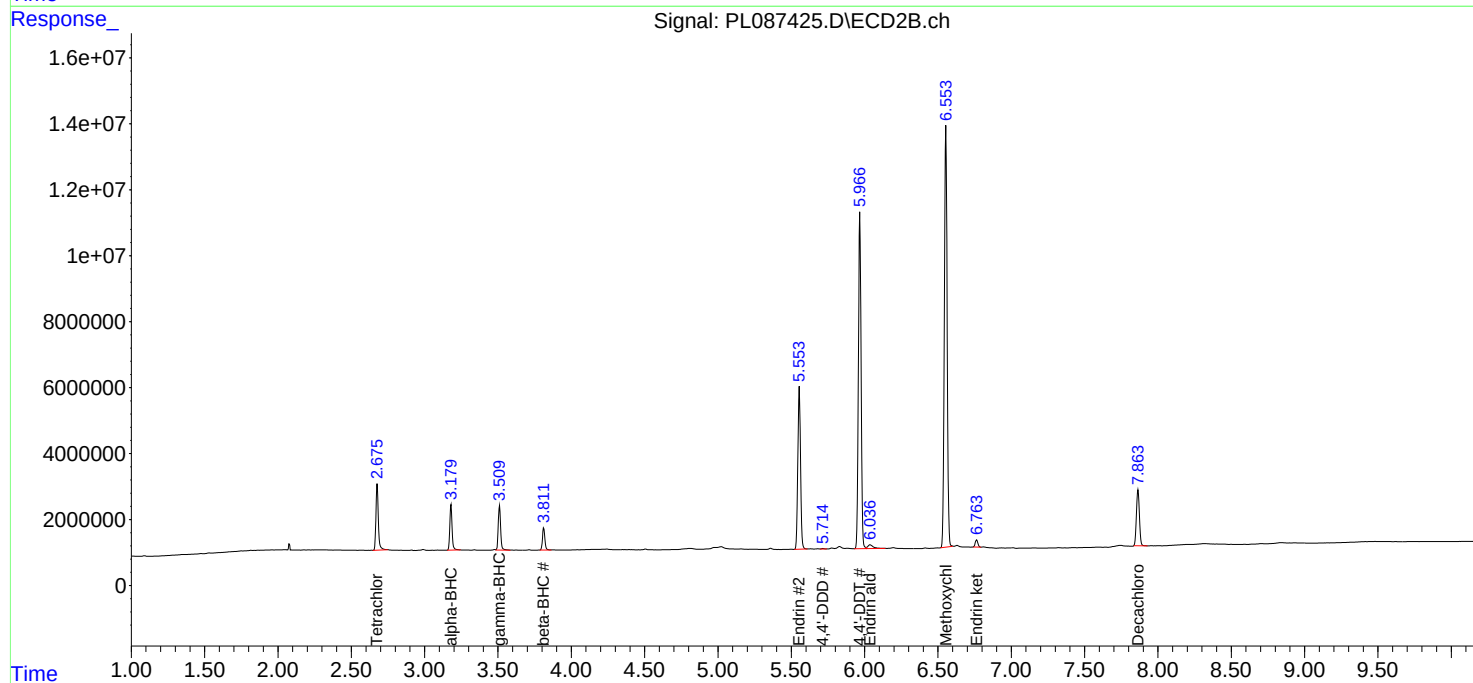
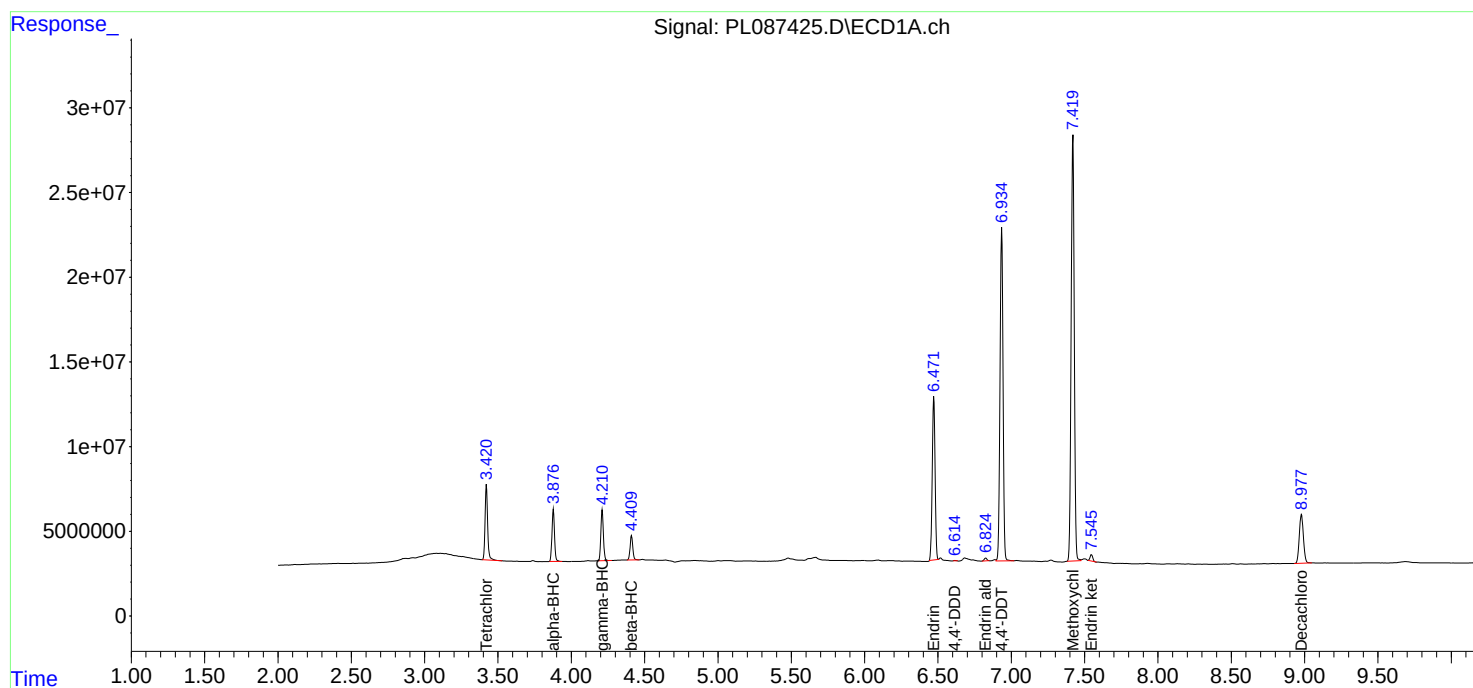
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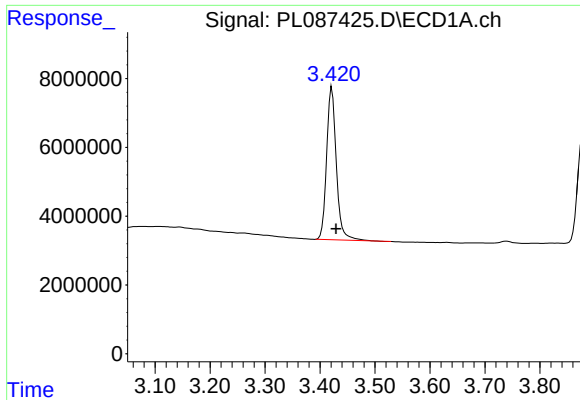
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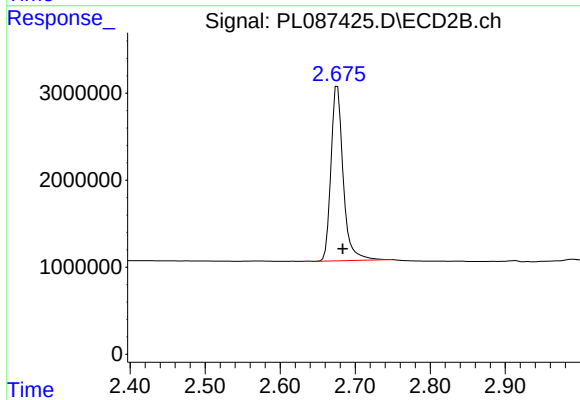
#1 Tetrachloro-m-xylene

R.T.: 3.422 min
Delta R.T.: -0.007 min
Response: 54323893
Conc: 14.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

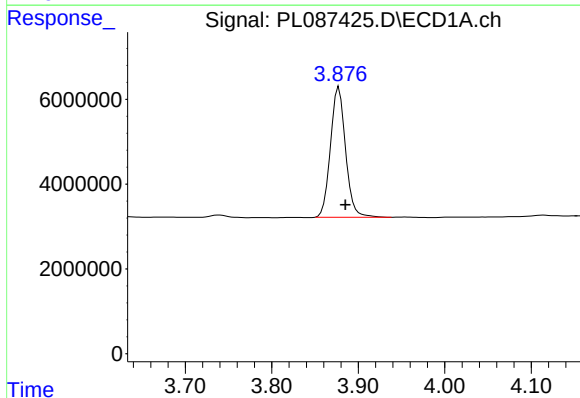
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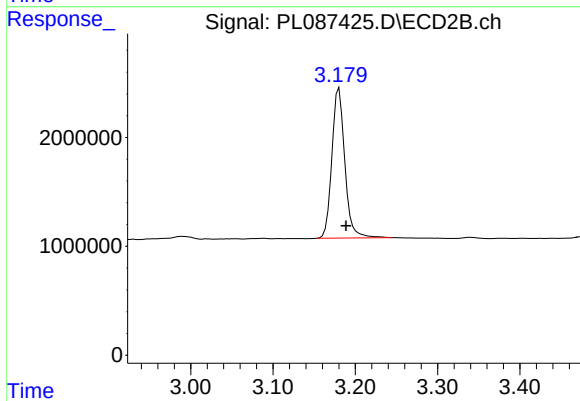
#1 Tetrachloro-m-xylene

R.T.: 2.676 min
Delta R.T.: -0.007 min
Response: 22759544
Conc: 13.52 ng/ml



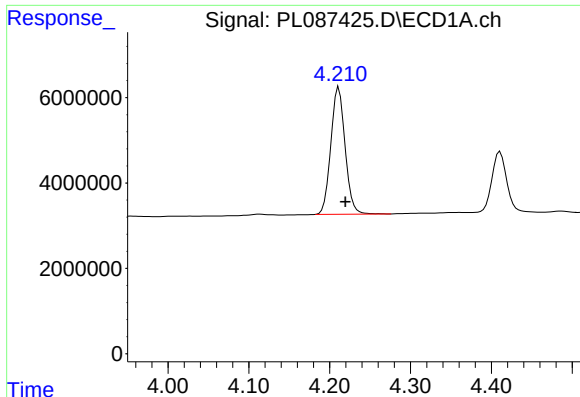
#2 alpha-BHC

R.T.: 3.878 min
Delta R.T.: -0.008 min
Response: 37224984
Conc: 6.88 ng/ml



#2 alpha-BHC

R.T.: 3.179 min
Delta R.T.: -0.010 min
Response: 15053963
Conc: 6.13 ng/ml m



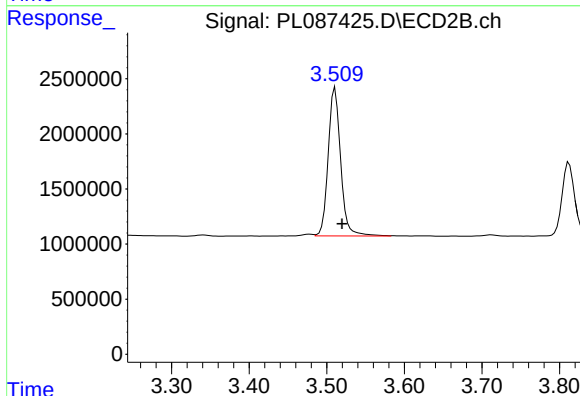
#3 gamma-BHC (Lindane)

R.T.: 4.211 min
Delta R.T.: -0.008 min
Response: 36552525
Conc: 6.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

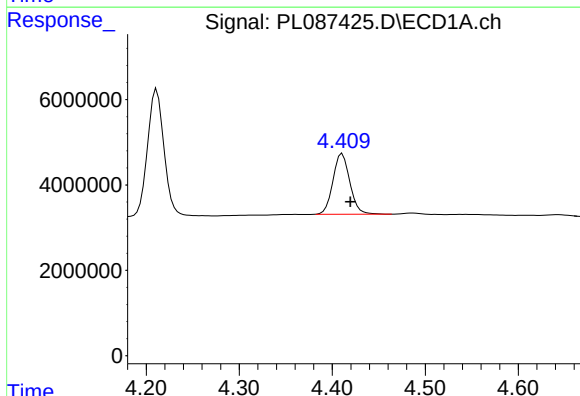
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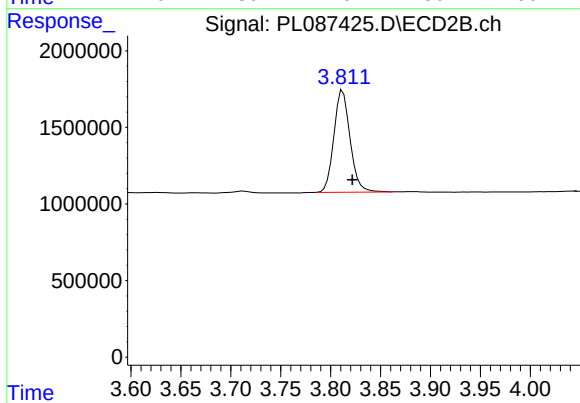
#3 gamma-BHC (Lindane)

R.T.: 3.509 min
Delta R.T.: -0.011 min
Response: 15026737
Conc: 6.20 ng/ml m



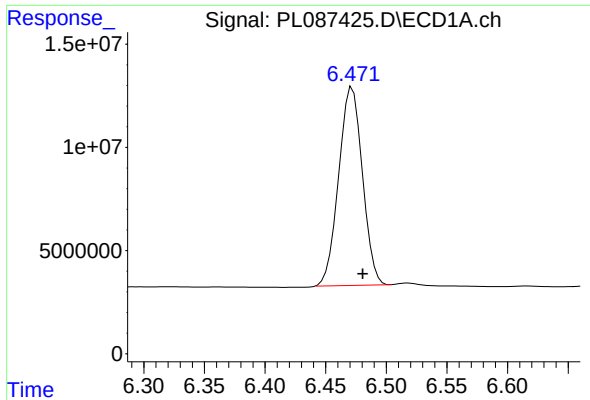
#6 beta-BHC

R.T.: 4.411 min
Delta R.T.: -0.009 min
Response: 17986782
Conc: 7.83 ng/ml



#6 beta-BHC

R.T.: 3.811 min
Delta R.T.: -0.011 min
Response: 7556955
Conc: 7.26 ng/ml m



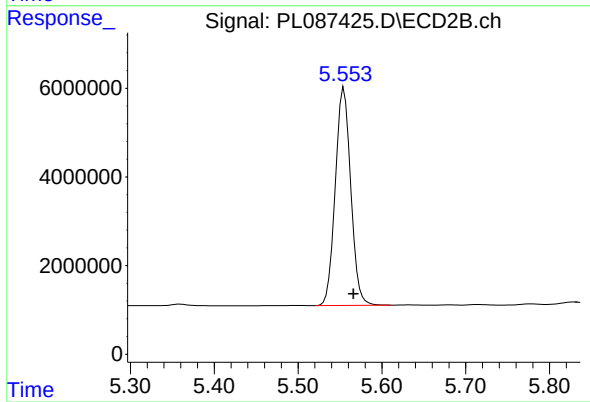
#14 Endrin

R.T.: 6.472 min
Delta R.T.: -0.008 min
Response: 130757767
Conc: 33.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

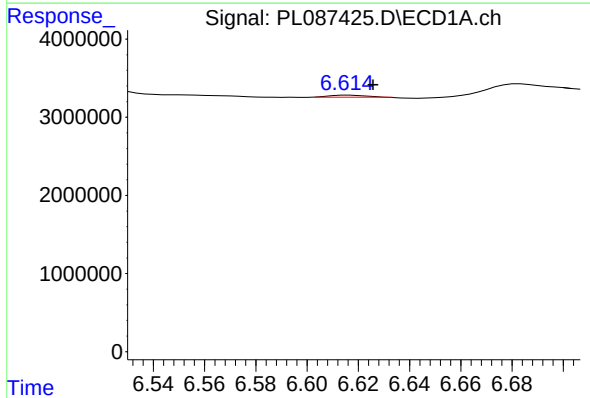
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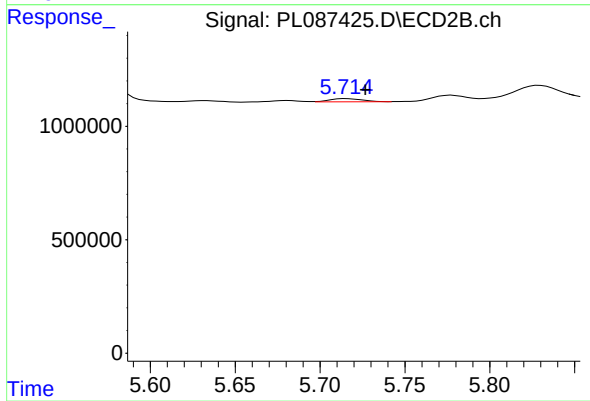
#14 Endrin

R.T.: 5.555 min
Delta R.T.: -0.011 min
Response: 62908526
Conc: 31.52 ng/ml



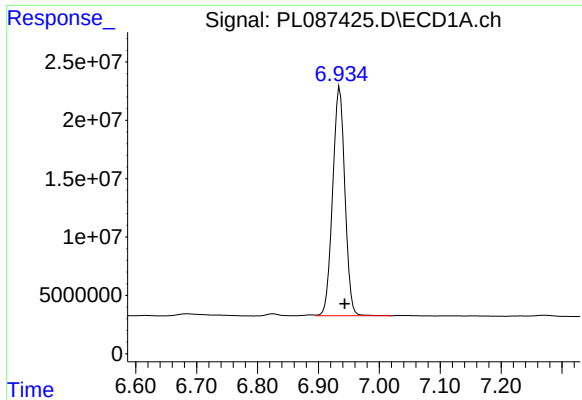
#16 4,4'-DDD

R.T.: 6.614 min
Delta R.T.: -0.011 min
Response: 262142
Conc: 0.08 ng/ml m



#16 4,4'-DDD

R.T.: 5.715 min
Delta R.T.: -0.011 min
Response: 183647
Conc: 0.11 ng/ml



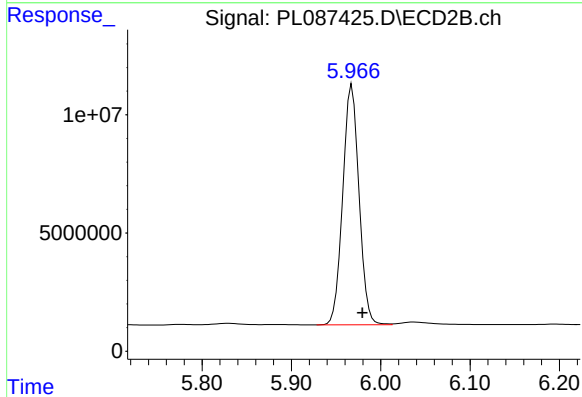
#17 4,4'-DDT

R.T.: 6.935 min
Delta R.T.: -0.008 min
Response: 273955212
Conc: 72.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

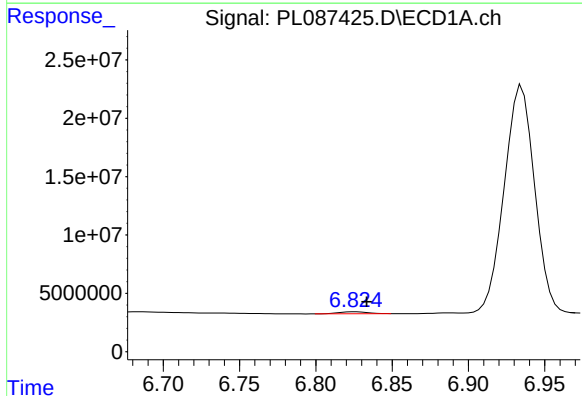
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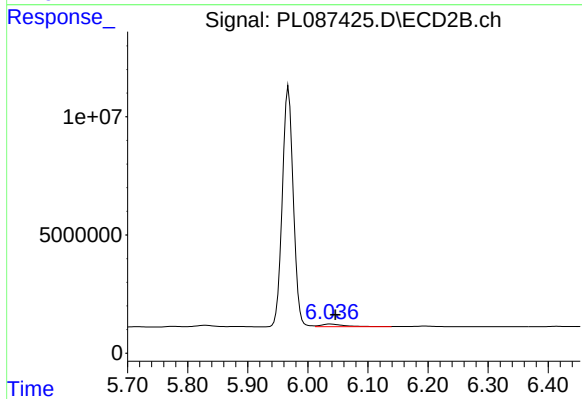
#17 4,4'-DDT

R.T.: 5.968 min
Delta R.T.: -0.012 min
Response: 128566181
Conc: 69.71 ng/ml



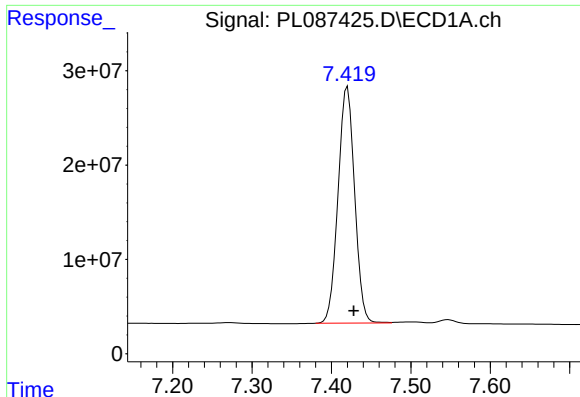
#18 Endrin aldehyde

R.T.: 6.824 min
Delta R.T.: -0.009 min
Response: 2252086
Conc: 0.78 ng/ml m



#18 Endrin aldehyde

R.T.: 6.037 min
Delta R.T.: -0.009 min
Response: 2966981
Conc: 2.02 ng/ml



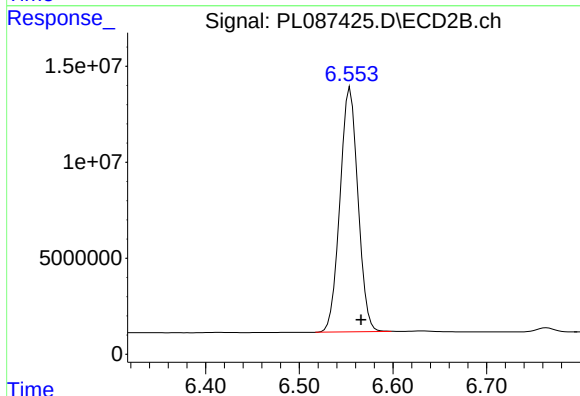
#20 Methoxychlor

R.T.: 7.420 min
Delta R.T.: -0.008 min
Response: 364556024
Conc: 186.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

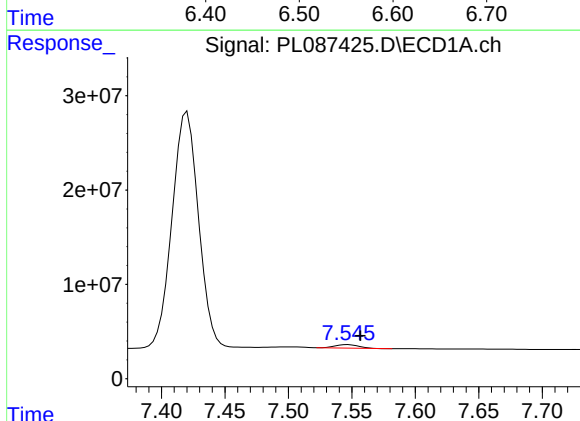
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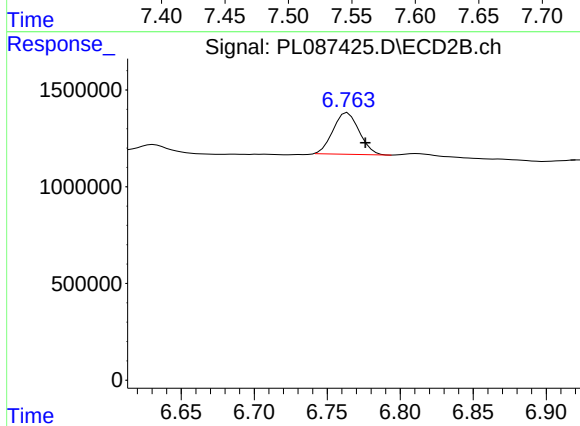
#20 Methoxychlor

R.T.: 6.553 min
Delta R.T.: -0.013 min
Response: 169783755
Conc: 166.23 ng/ml m



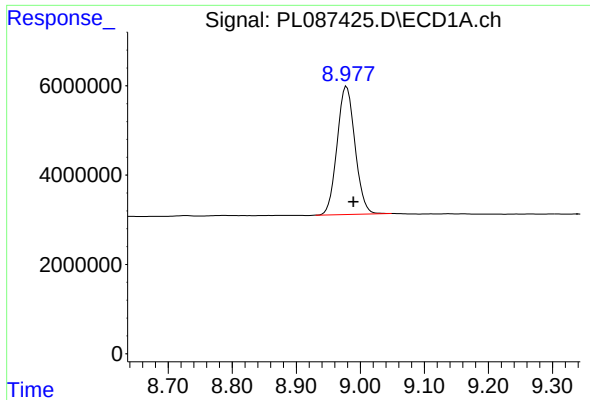
#21 Endrin ketone

R.T.: 7.547 min
Delta R.T.: -0.010 min
Response: 4912455
Conc: 1.21 ng/ml



#21 Endrin ketone

R.T.: 6.764 min
Delta R.T.: -0.012 min
Response: 2680623
Conc: 1.26 ng/ml



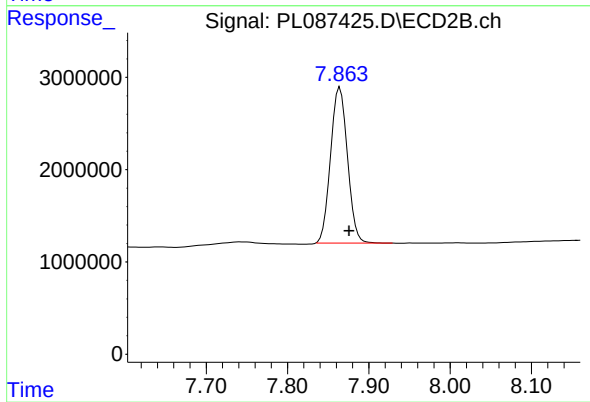
#28 Decachlorobiphenyl

R.T.: 8.979 min
Delta R.T.: -0.011 min
Response: 55636339
Conc: 16.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 7.864 min
Delta R.T.: -0.011 min
Response: 24433961
Conc: 14.47 ng/ml