

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051723\
 Data File : PL082773.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 May 2023 19:07
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/18/2023
 Supervised By : Ankita Jodhani 05/18/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 17 21:33:34 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042023.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 21 03:12:31 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...	3.319	2.641	49005884	41693092	18.346	17.996
28)	SA Decachlor...	8.736	7.746	36751594	40691576	19.251	17.828m
Target Compounds							
2)	A alpha-BHC	3.768	3.137	32847006	25863299	8.253	7.599
3)	MA gamma-BHC...	4.096	3.464	32476223	25390417	8.686	7.897
6)	B beta-BHC	4.300	3.763	16635379	12795026	9.754	9.378m
12)	B 4,4'-DDE	5.948	5.072	607717	254913	0.239	0.111m#
14)	MA Endrin	6.319	5.477	100.4E6	93366938	41.404	38.172m
16)	A 4,4'-DDD	6.463	5.629	7980429	6653696	3.937	3.557
17)	MA 4,4'-DDT	6.775	5.878	189.7E6	173.3E6	82.933	82.048
18)	B Endrin al...	6.672	5.955	3731761	3938539	1.981	2.105
20)	A Methoxychlor	7.256	6.455	249.8E6	240.0E6	204.722	198.088m
21)	B Endrin ke...	7.385	6.679	6466076	7005882	2.700	2.760m

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

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Data File : PL082773.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 May 2023 19:07
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

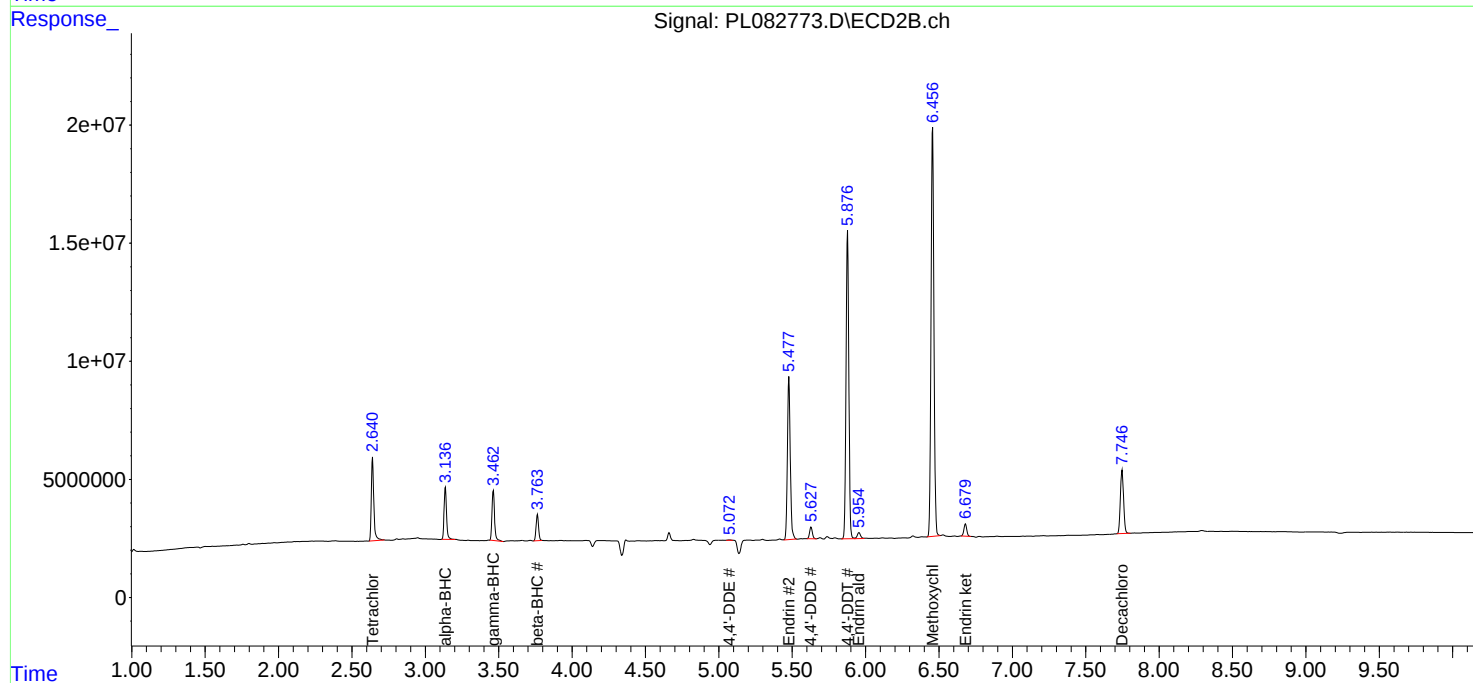
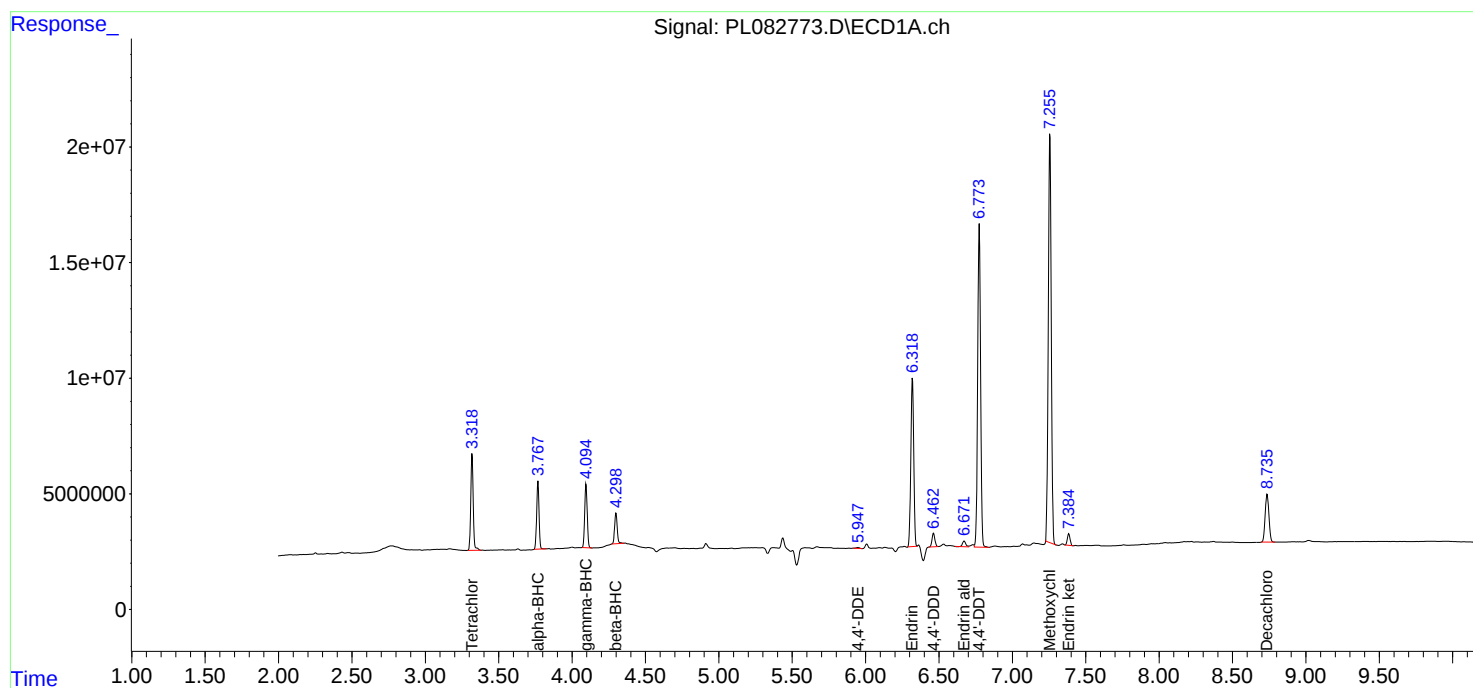
Instrument :
ECD_L
ClientSampleId :
PEM

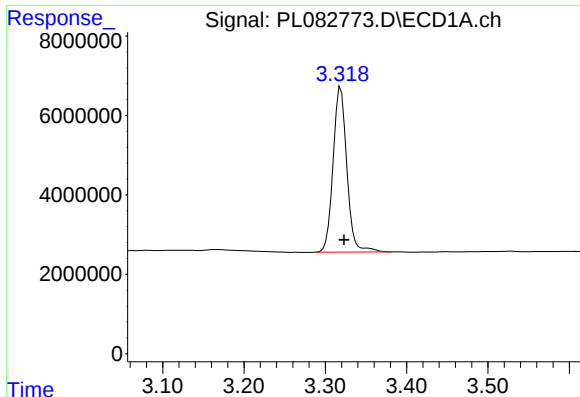
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
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Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042023.M
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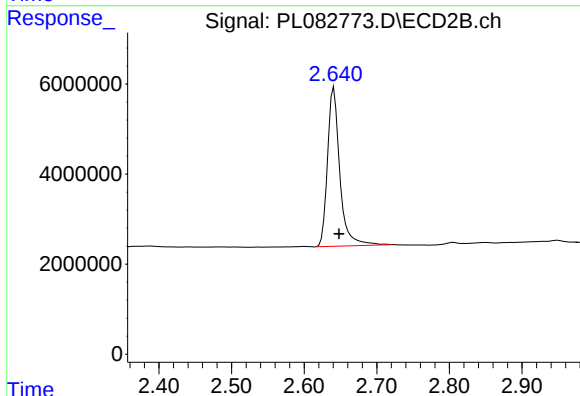
#1 Tetrachloro-m-xylene

R.T.: 3.319 min
Delta R.T.: -0.004 min
Response: 49005884
Conc: 18.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

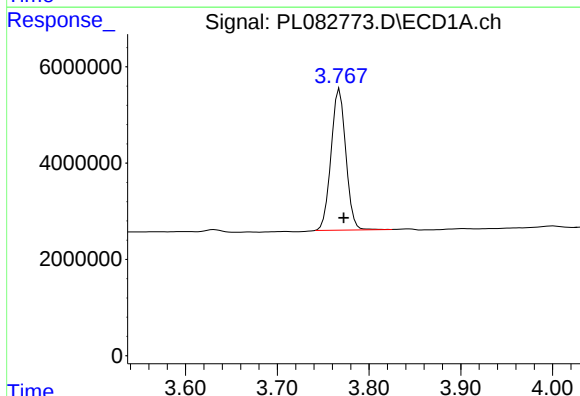
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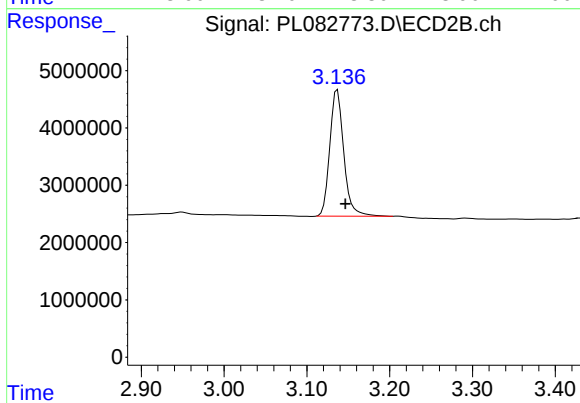
#1 Tetrachloro-m-xylene

R.T.: 2.641 min
Delta R.T.: -0.007 min
Response: 41693092
Conc: 18.00 ng/ml



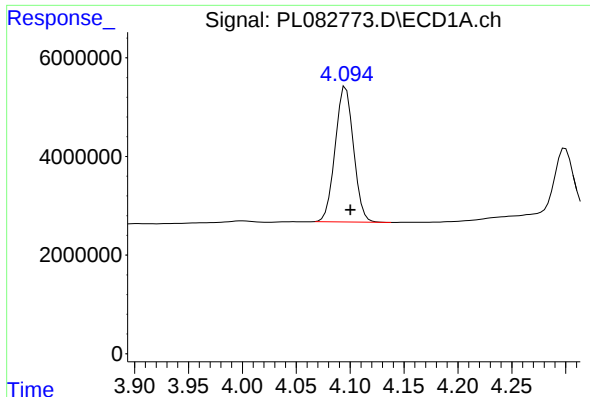
#2 alpha-BHC

R.T.: 3.768 min
Delta R.T.: -0.004 min
Response: 32847006
Conc: 8.25 ng/ml



#2 alpha-BHC

R.T.: 3.137 min
Delta R.T.: -0.009 min
Response: 25863299
Conc: 7.60 ng/ml



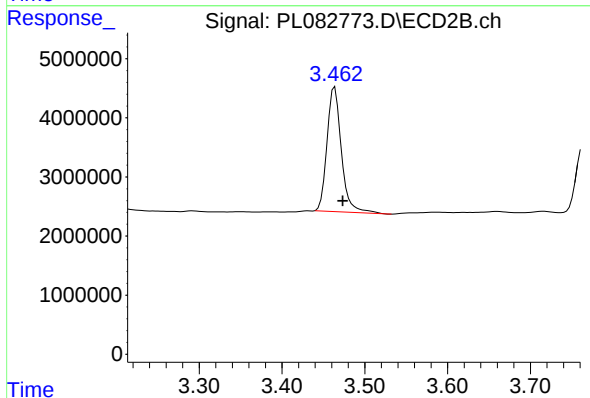
#3 gamma-BHC (Lindane)

R.T.: 4.096 min
Delta R.T.: -0.004 min
Response: 32476223
Conc: 8.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

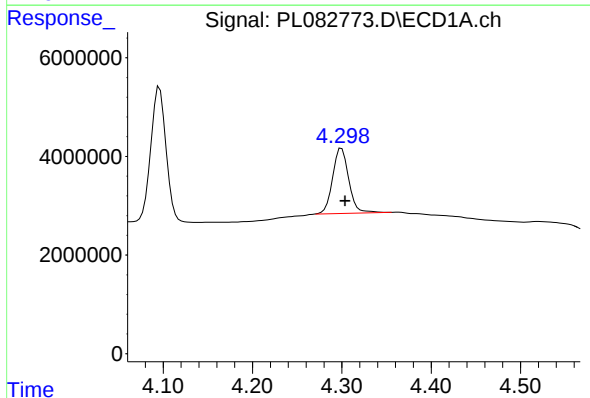
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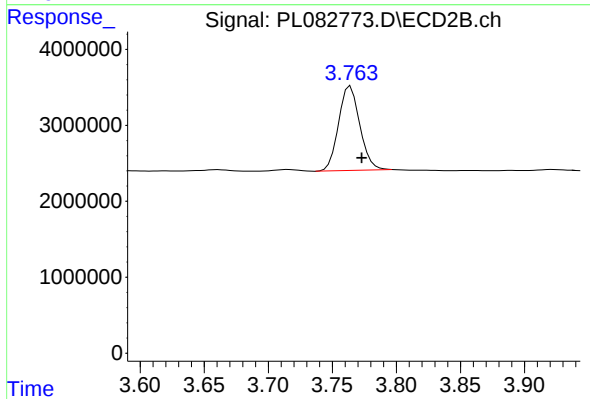
#3 gamma-BHC (Lindane)

R.T.: 3.464 min
Delta R.T.: -0.010 min
Response: 25390417
Conc: 7.90 ng/ml



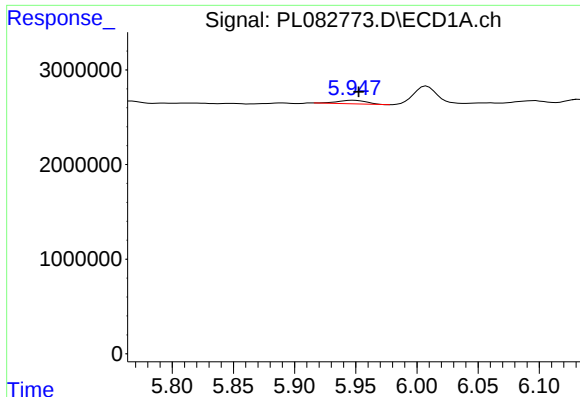
#6 beta-BHC

R.T.: 4.300 min
Delta R.T.: -0.004 min
Response: 16635379
Conc: 9.75 ng/ml



#6 beta-BHC

R.T.: 3.763 min
Delta R.T.: -0.010 min
Response: 12795026
Conc: 9.38 ng/ml m



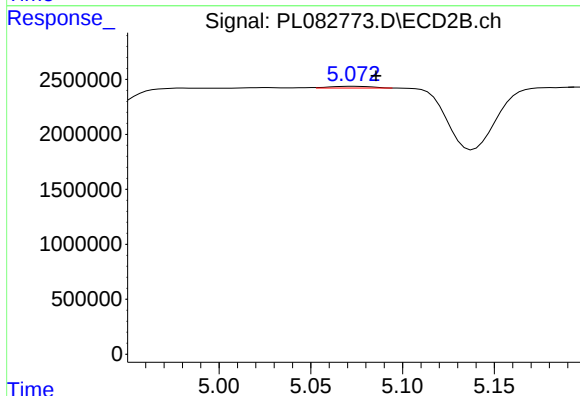
#12 4,4'-DDE

R.T.: 5.948 min
Delta R.T.: -0.005 min
Response: 607717
Conc: 0.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

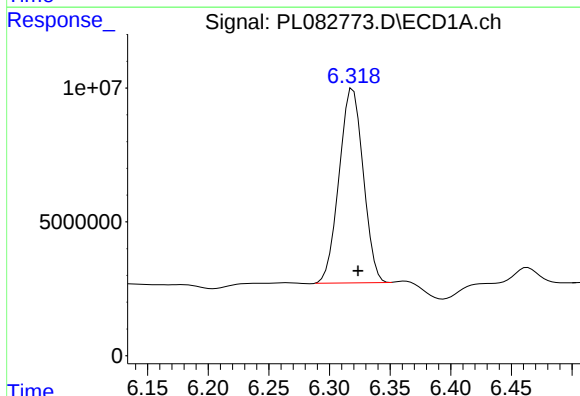
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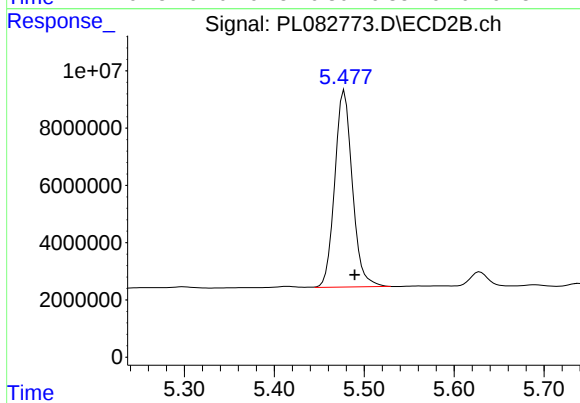
#12 4,4'-DDE

R.T.: 5.072 min
Delta R.T.: -0.014 min
Response: 254913
Conc: 0.11 ng/ml m



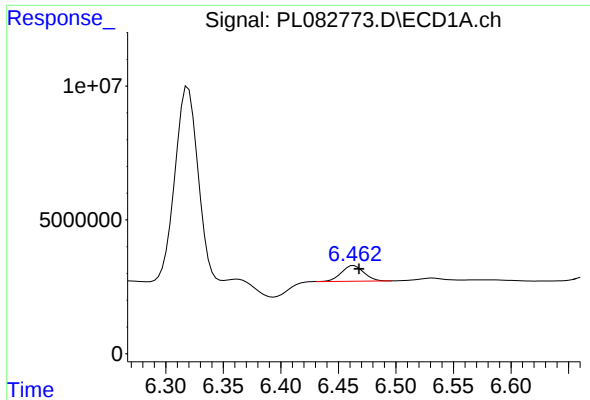
#14 Endrin

R.T.: 6.319 min
Delta R.T.: -0.004 min
Response: 100386959
Conc: 41.40 ng/ml



#14 Endrin

R.T.: 5.477 min
Delta R.T.: -0.013 min
Response: 93366938
Conc: 38.17 ng/ml m



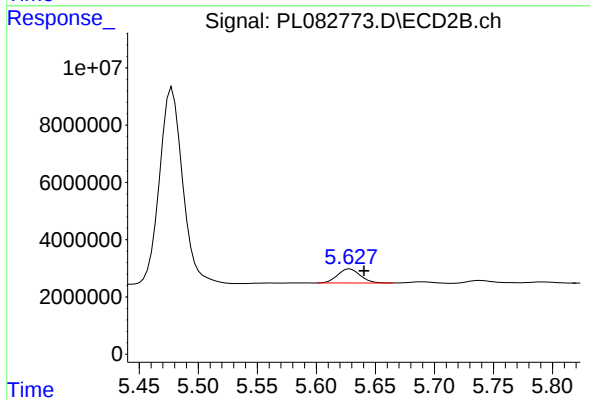
#16 4,4'-DDD

R.T.: 6.463 min
Delta R.T.: -0.005 min
Response: 7980429
Conc: 3.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

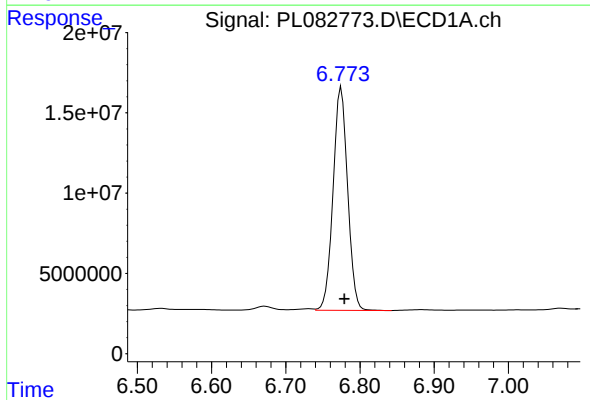
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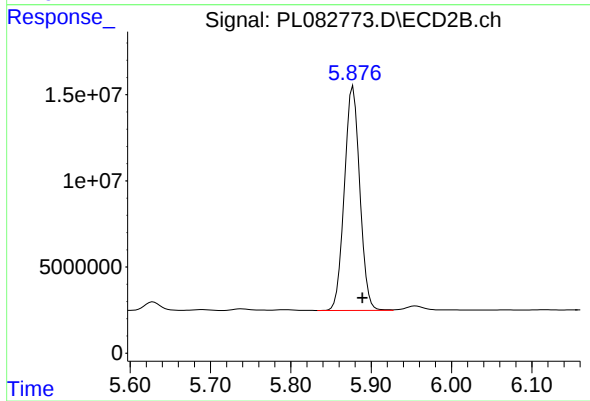
#16 4,4'-DDD

R.T.: 5.629 min
Delta R.T.: -0.012 min
Response: 6653696
Conc: 3.56 ng/ml



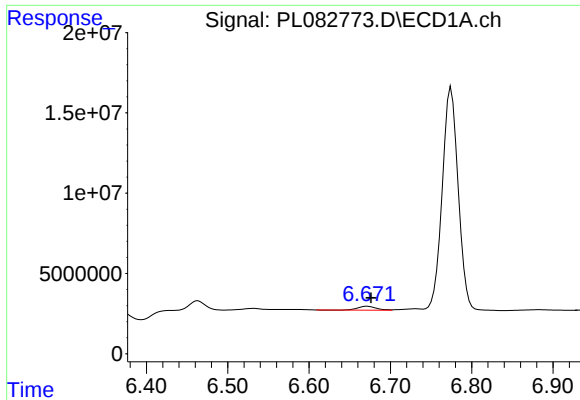
#17 4,4'-DDT

R.T.: 6.775 min
Delta R.T.: -0.004 min
Response: 189727644
Conc: 82.93 ng/ml



#17 4,4'-DDT

R.T.: 5.878 min
Delta R.T.: -0.012 min
Response: 173334008
Conc: 82.05 ng/ml



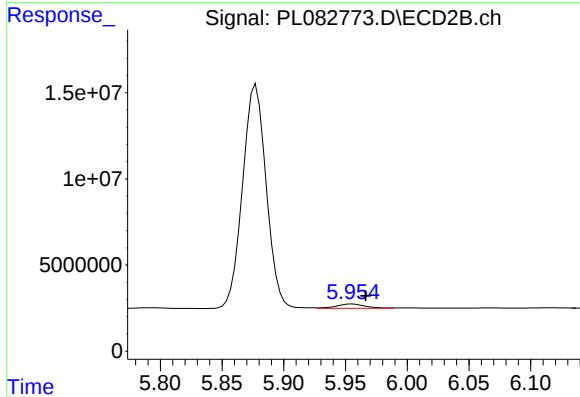
#18 Endrin aldehyde

R.T.: 6.672 min
Delta R.T.: -0.004 min
Response: 3731761
Conc: 1.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

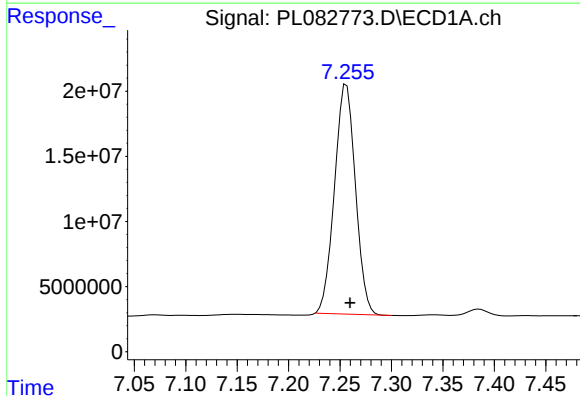
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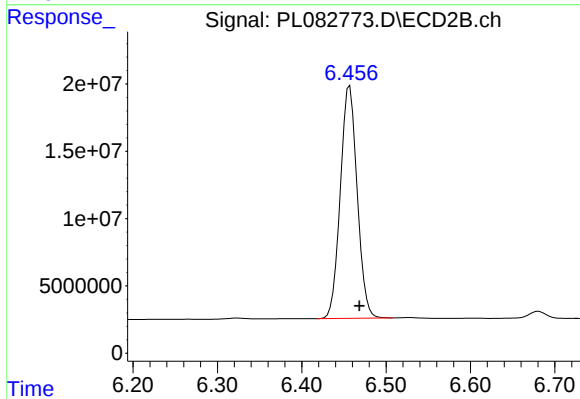
#18 Endrin aldehyde

R.T.: 5.955 min
Delta R.T.: -0.011 min
Response: 3938539
Conc: 2.10 ng/ml



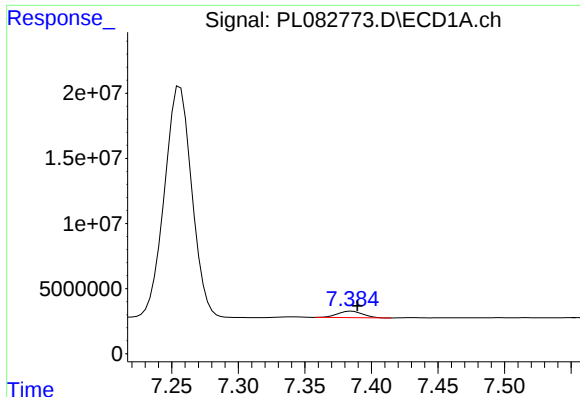
#20 Methoxychlor

R.T.: 7.256 min
Delta R.T.: -0.003 min
Response: 249828450
Conc: 204.72 ng/ml



#20 Methoxychlor

R.T.: 6.455 min
Delta R.T.: -0.013 min
Response: 240049620
Conc: 198.09 ng/ml m



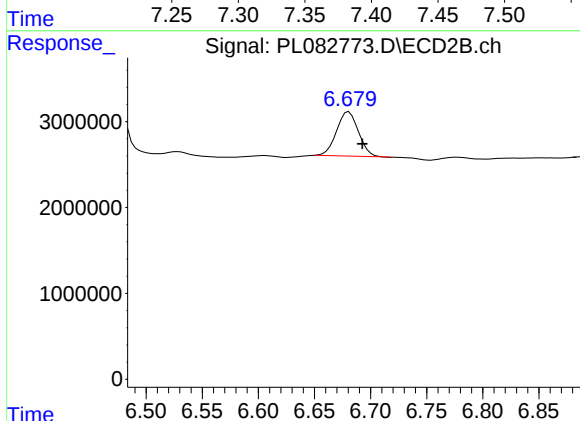
#21 Endrin ketone

R.T.: 7.385 min
Delta R.T.: -0.004 min
Response: 6466076
Conc: 2.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

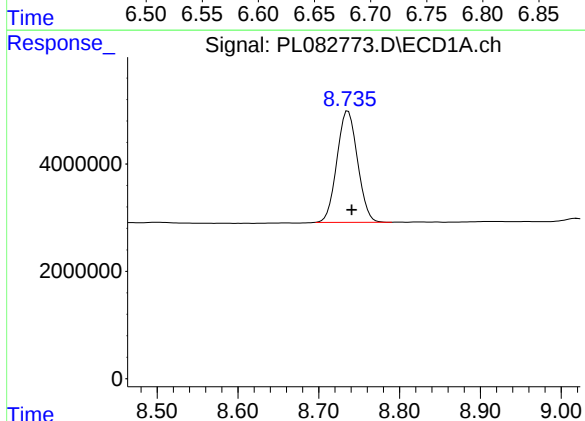
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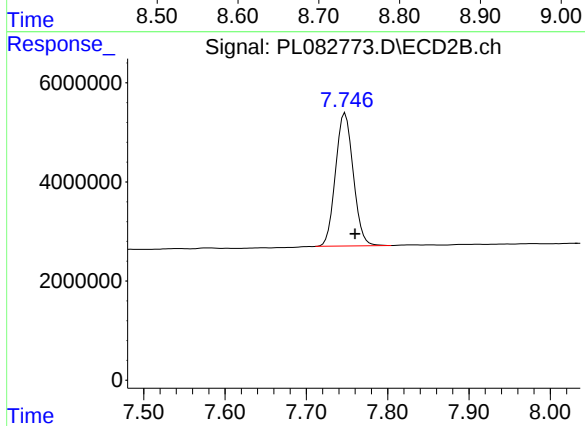
#21 Endrin ketone

R.T.: 6.679 min
Delta R.T.: -0.013 min
Response: 7005882
Conc: 2.76 ng/ml m



#28 Decachlorobiphenyl

R.T.: 8.736 min
Delta R.T.: -0.005 min
Response: 36751594
Conc: 19.25 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.746 min
Delta R.T.: -0.013 min
Response: 40691576
Conc: 17.83 ng/ml m