

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031323\
 Data File : PL081423.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Mar 2023 09:40
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 03/14/2023
 Supervised By : Ankita Jodhani 03/15/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 13 11:26:26 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL030223.M
 Quant Title : GC Extractables
 QLast Update : Fri Mar 03 01:48:45 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...	3.333	2.663	46499618	40447766	21.522	19.986
28)	SA Decachlor...	8.759	7.784	32445465	38072907	21.282	19.876m
Target Compounds							
2)	A alpha-BHC	3.783	3.163	31314411	26395562	9.843	9.007
3)	MA gamma-BHC...	4.111	3.490	30415075	24769187	10.280	9.004
6)	B beta-BHC	4.314	3.790	16505407	12761280	11.991	10.995
14)	MA Endrin	6.337	5.512	87556455	90504052	48.175	45.035
16)	A 4,4'-DDD	6.483	5.663	1245579	858197	0.809	0.559 #
17)	MA 4,4'-DDT	6.793	5.912	168.6E6	173.6E6	106.229	108.235
18)	B Endrin al...	6.687	5.990	2247266	3866855	1.570m	2.552 #
20)	A Methoxychlor	7.272	6.492	220.6E6	219.3E6	256.100	236.302
21)	B Endrin ke...	7.403	6.716	3762678	5208295	2.074	2.419

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

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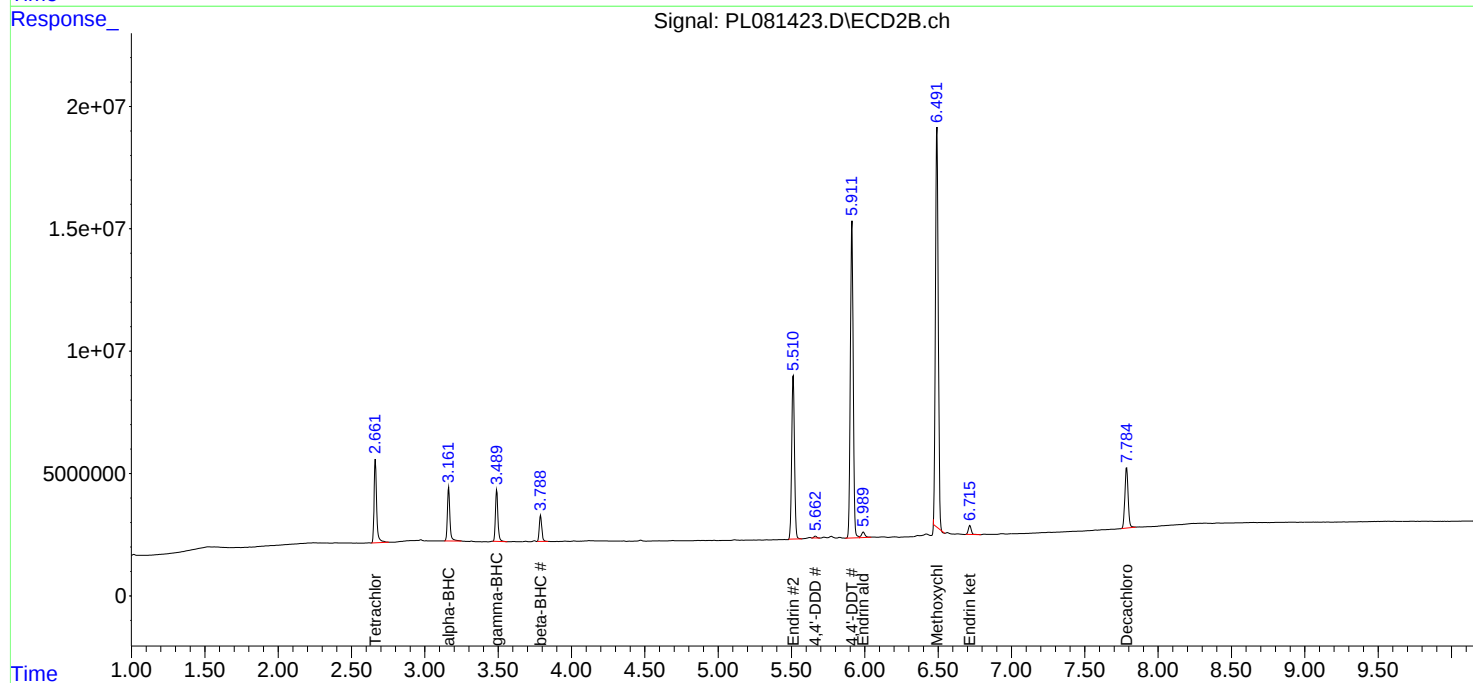
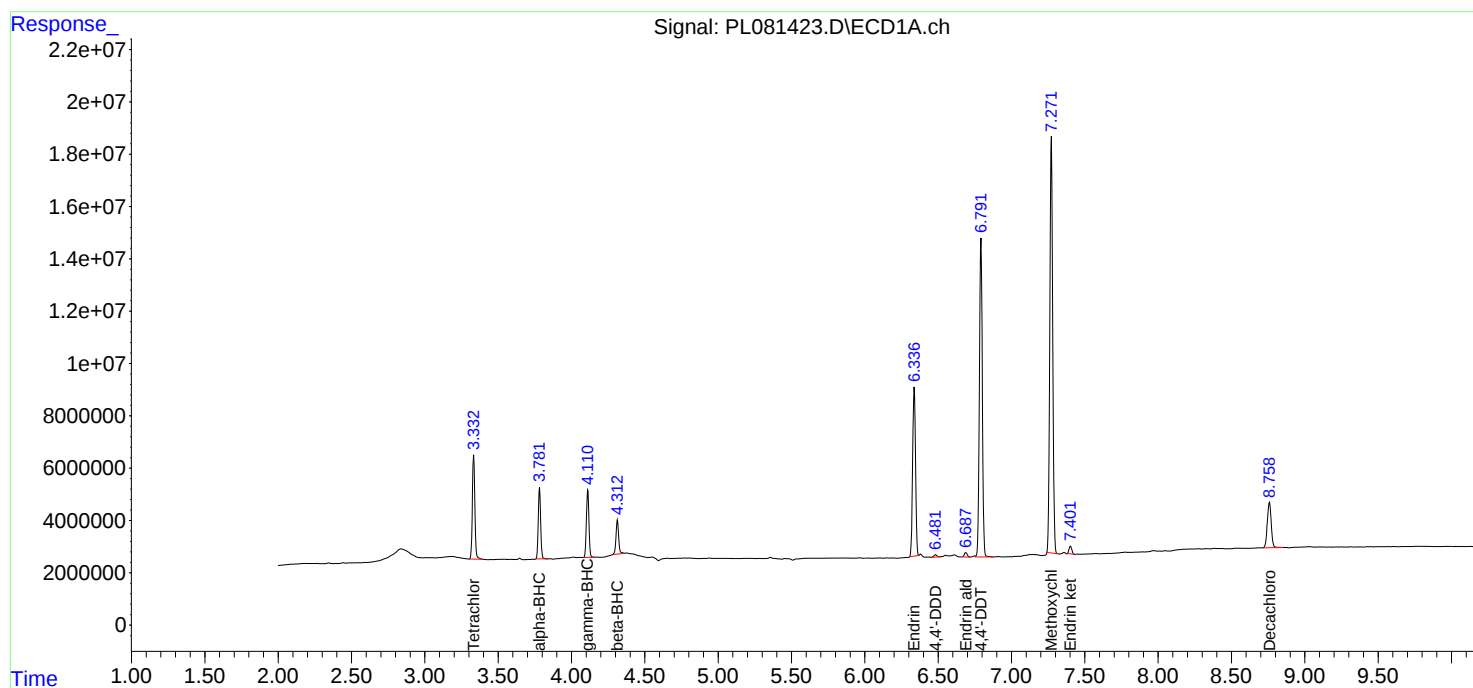
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ClientSampleId :
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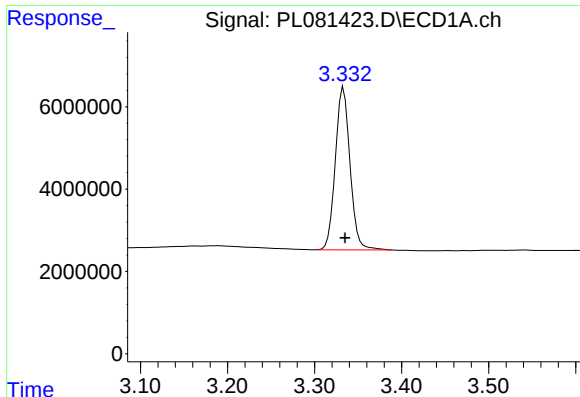
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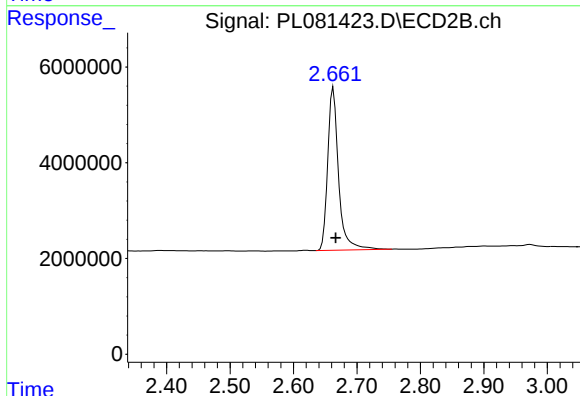
#1 Tetrachloro-m-xylene

R.T.: 3.333 min
Delta R.T.: -0.002 min
Response: 46499618
Conc: 21.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

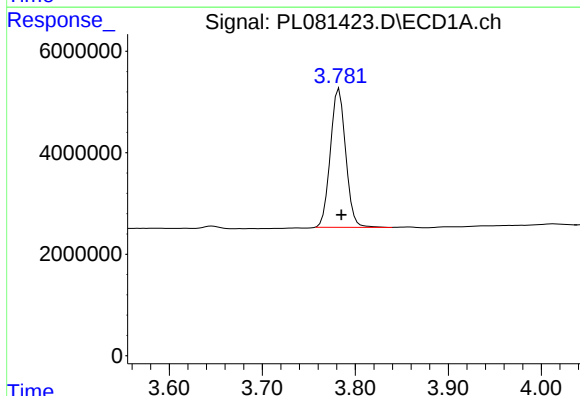
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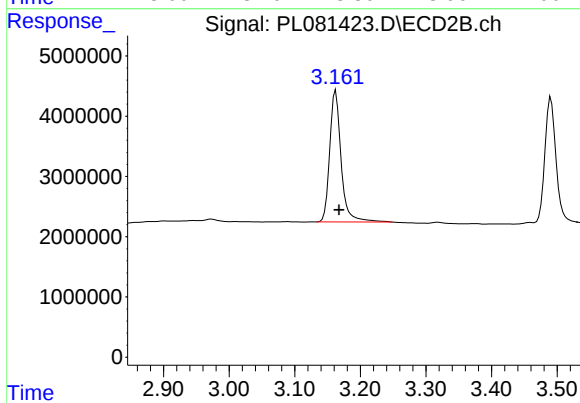
#1 Tetrachloro-m-xylene

R.T.: 2.663 min
Delta R.T.: -0.004 min
Response: 40447766
Conc: 19.99 ng/ml



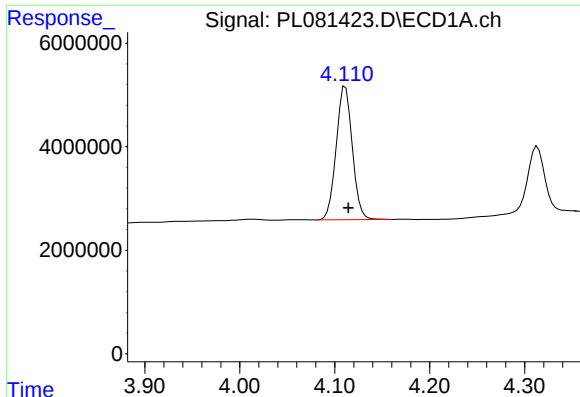
#2 alpha-BHC

R.T.: 3.783 min
Delta R.T.: -0.003 min
Response: 31314411
Conc: 9.84 ng/ml



#2 alpha-BHC

R.T.: 3.163 min
Delta R.T.: -0.005 min
Response: 26395562
Conc: 9.01 ng/ml



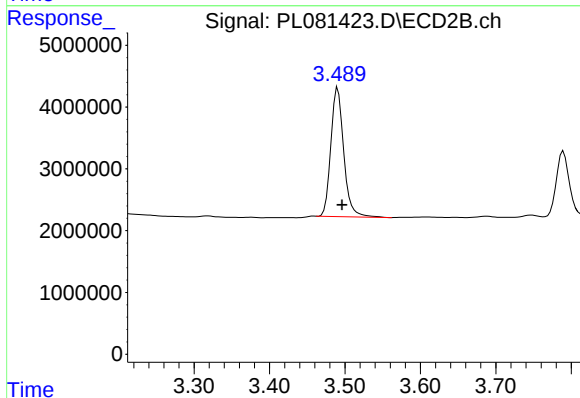
#3 gamma-BHC (Lindane)

R.T.: 4.111 min
Delta R.T.: -0.003 min
Response: 30415075
Conc: 10.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

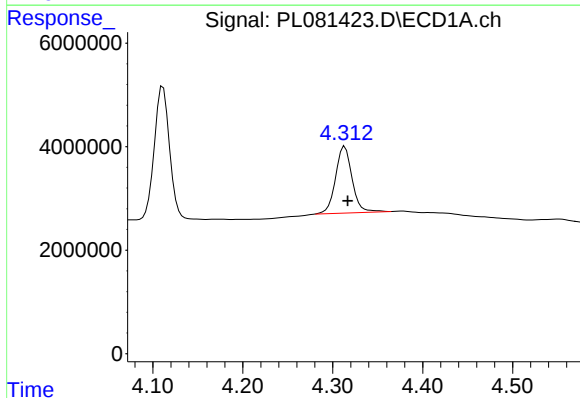
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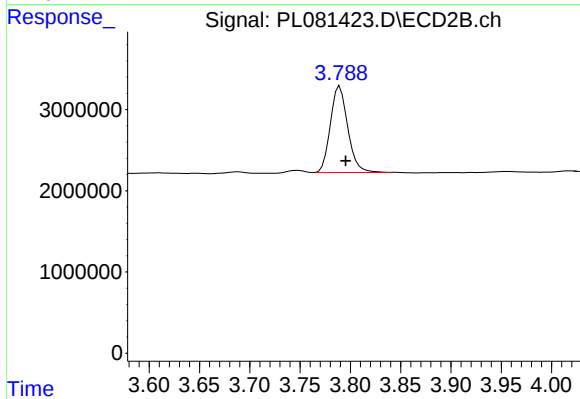
#3 gamma-BHC (Lindane)

R.T.: 3.490 min
Delta R.T.: -0.006 min
Response: 24769187
Conc: 9.00 ng/ml



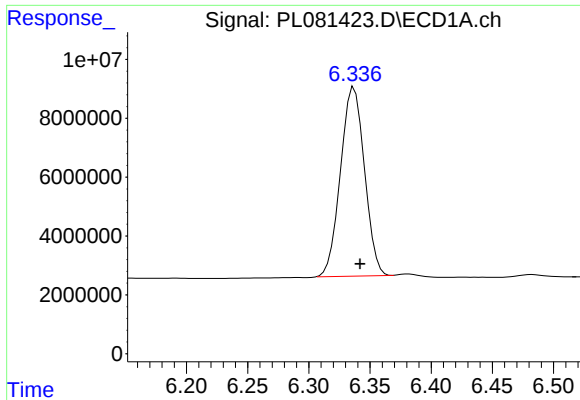
#6 beta-BHC

R.T.: 4.314 min
Delta R.T.: -0.003 min
Response: 16505407
Conc: 11.99 ng/ml



#6 beta-BHC

R.T.: 3.790 min
Delta R.T.: -0.006 min
Response: 12761280
Conc: 11.00 ng/ml



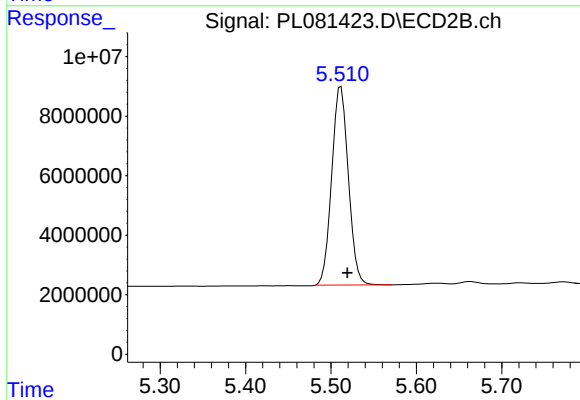
#14 Endrin

R.T.: 6.337 min
Delta R.T.: -0.005 min
Response: 87556455
Conc: 48.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

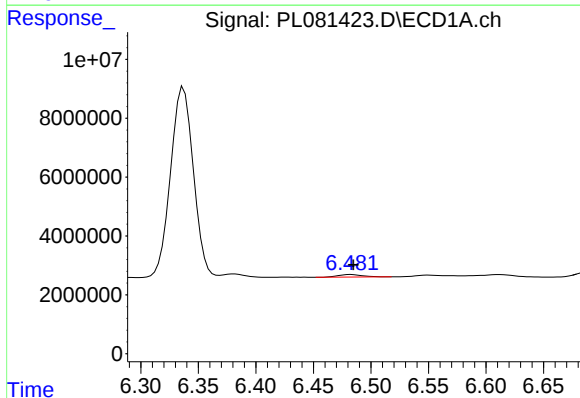
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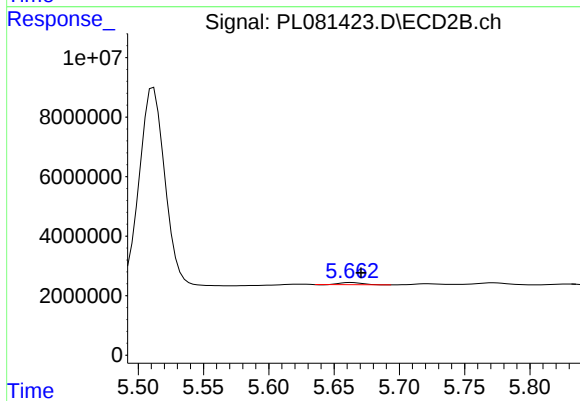
#14 Endrin

R.T.: 5.512 min
Delta R.T.: -0.007 min
Response: 90504052
Conc: 45.03 ng/ml



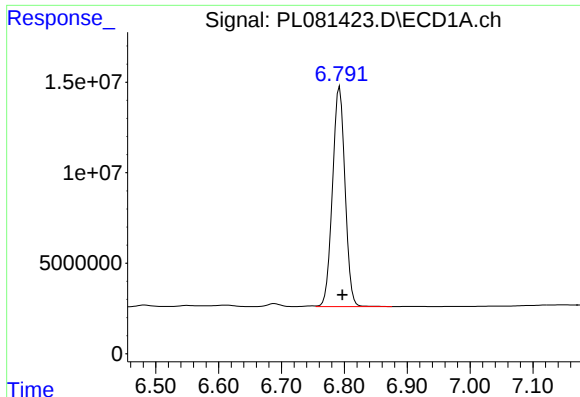
#16 4,4'-DDD

R.T.: 6.483 min
Delta R.T.: -0.002 min
Response: 1245579
Conc: 0.81 ng/ml



#16 4,4'-DDD

R.T.: 5.663 min
Delta R.T.: -0.007 min
Response: 858197
Conc: 0.56 ng/ml



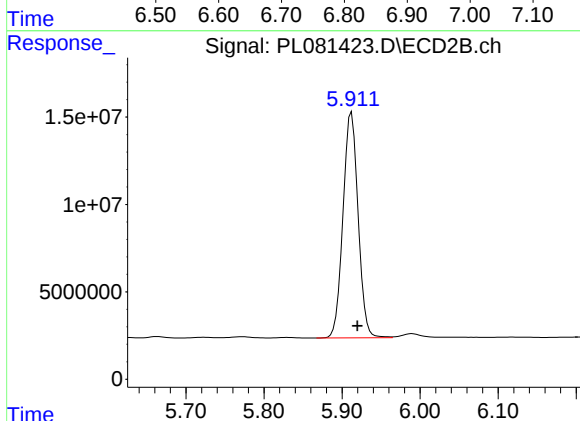
#17 4,4'-DDT

R.T.: 6.793 min
Delta R.T.: -0.004 min
Response: 168618093
Conc: 106.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

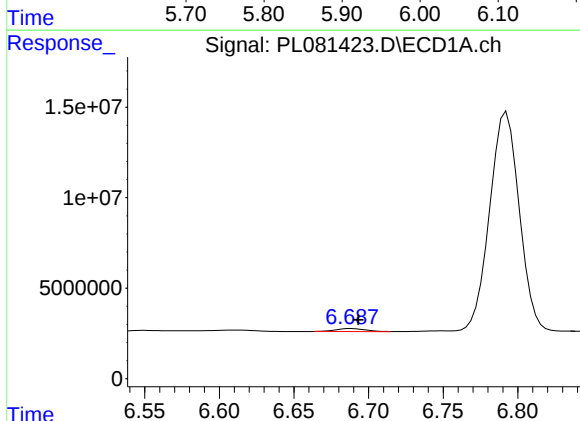
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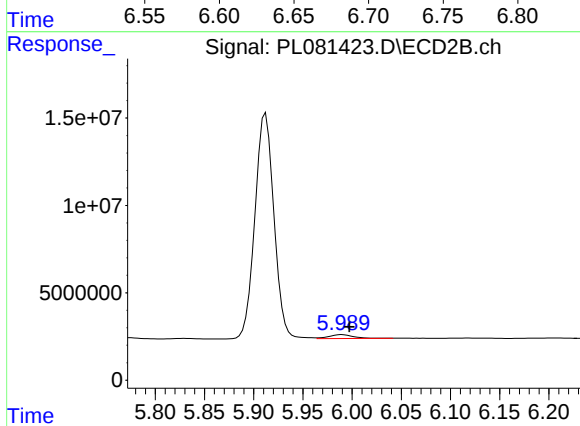
#17 4,4'-DDT

R.T.: 5.912 min
Delta R.T.: -0.008 min
Response: 173643185
Conc: 108.24 ng/ml



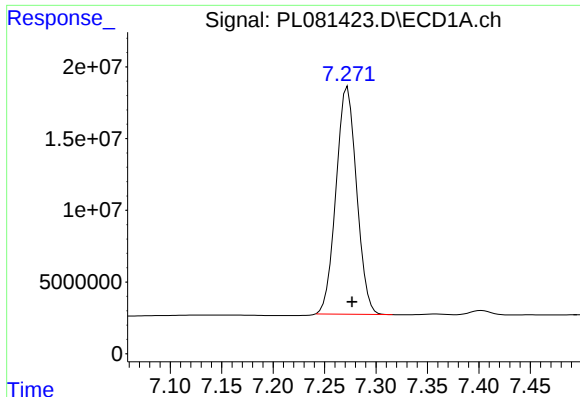
#18 Endrin aldehyde

R.T.: 6.687 min
Delta R.T.: -0.006 min
Response: 2247266
Conc: 1.57 ng/ml m



#18 Endrin aldehyde

R.T.: 5.990 min
Delta R.T.: -0.008 min
Response: 3866855
Conc: 2.55 ng/ml



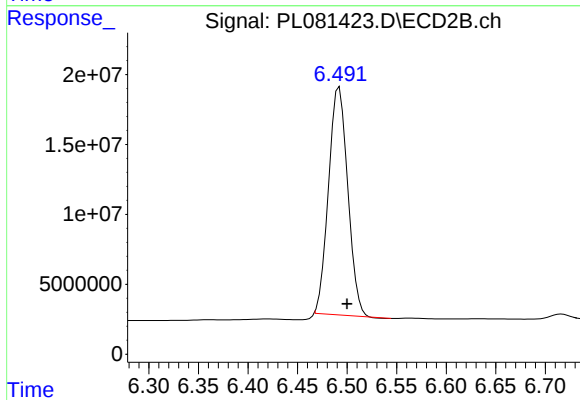
#20 Methoxychlor

R.T.: 7.272 min
Delta R.T.: -0.004 min
Response: 220595282
Conc: 256.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

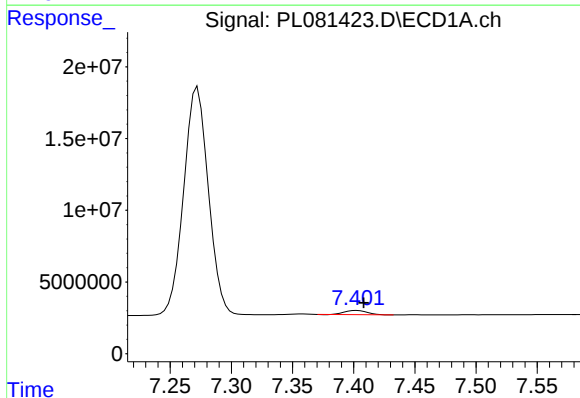
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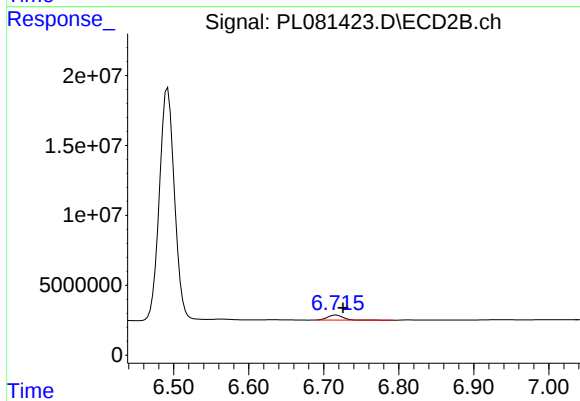
#20 Methoxychlor

R.T.: 6.492 min
Delta R.T.: -0.008 min
Response: 219310440
Conc: 236.30 ng/ml



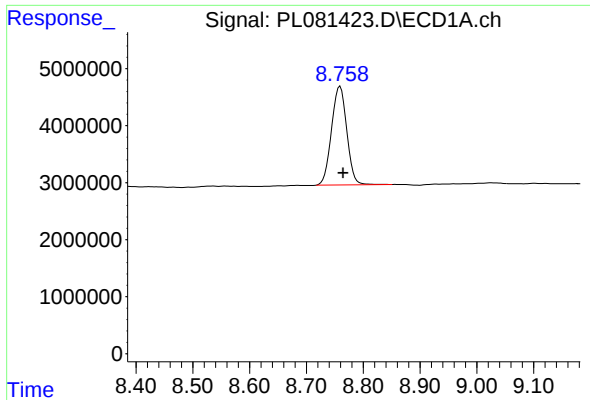
#21 Endrin ketone

R.T.: 7.403 min
Delta R.T.: -0.005 min
Response: 3762678
Conc: 2.07 ng/ml



#21 Endrin ketone

R.T.: 6.716 min
Delta R.T.: -0.009 min
Response: 5208295
Conc: 2.42 ng/ml



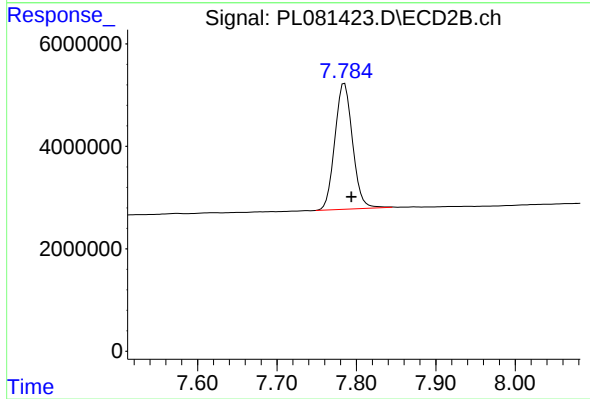
#28 Decachlorobiphenyl

R.T.: 8.759 min
Delta R.T.: -0.005 min
Response: 32445465
Conc: 21.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 7.784 min
Delta R.T.: -0.010 min
Response: 38072907
Conc: 19.88 ng/ml m