

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042523\
 Data File : PL082315.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Apr 2023 08:35
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 04/26/2023
 Supervised By : Ankita Jodhani 04/26/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 25 09:03:31 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...	3.323	2.647	49885446	40575596	18.675	17.514
28) SA Decachlor...	8.746	7.761	36651225	39478227	19.198	17.296
Target Compounds						
2) A alpha-BHC	3.773	3.145	33342555	26521221	8.377	7.792
3) MA gamma-BHC...	4.101	3.472	32084173	25477303	8.581	7.924
6) B beta-BHC	4.304	3.772	16767048	13297283	9.831	9.746
12) B 4,4'-DDE	5.955	5.086	450744	270215	0.177	0.118m#
14) MA Endrin	6.326	5.490	94922623	90898891	39.151	37.163
16) A 4,4'-DDD	6.471	5.641	6055425	5059580	2.987	2.705
17) MA 4,4'-DDT	6.782	5.889	185.9E6	175.4E6	81.265	83.041
18) B Endrin al...	6.677	5.966	3488495	4250138	1.851m	2.271m
20) A Methoxychlor	7.263	6.469	246.0E6	234.4E6	201.579	193.385
21) B Endrin ke...	7.391	6.694	7495265	8196543	3.130m	3.229

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

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ALS Vial : 3 Sample Multiplier: 1

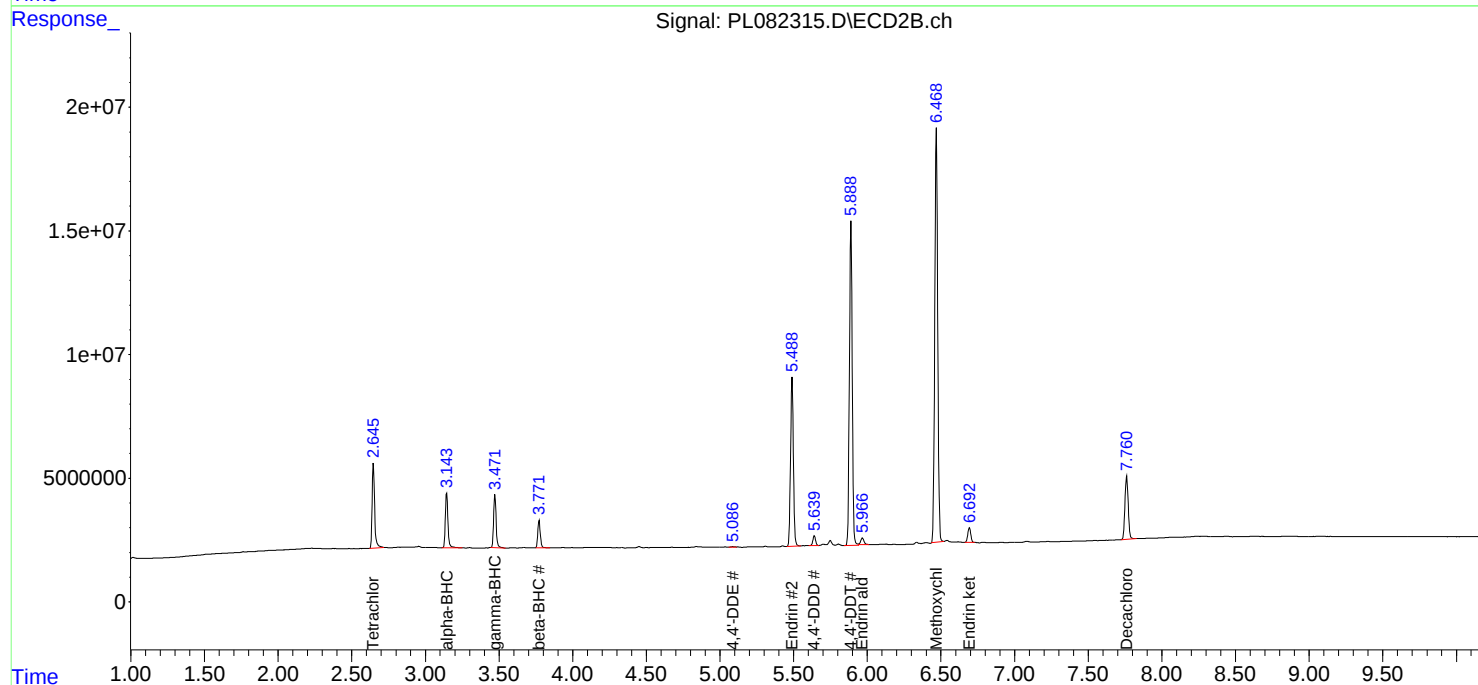
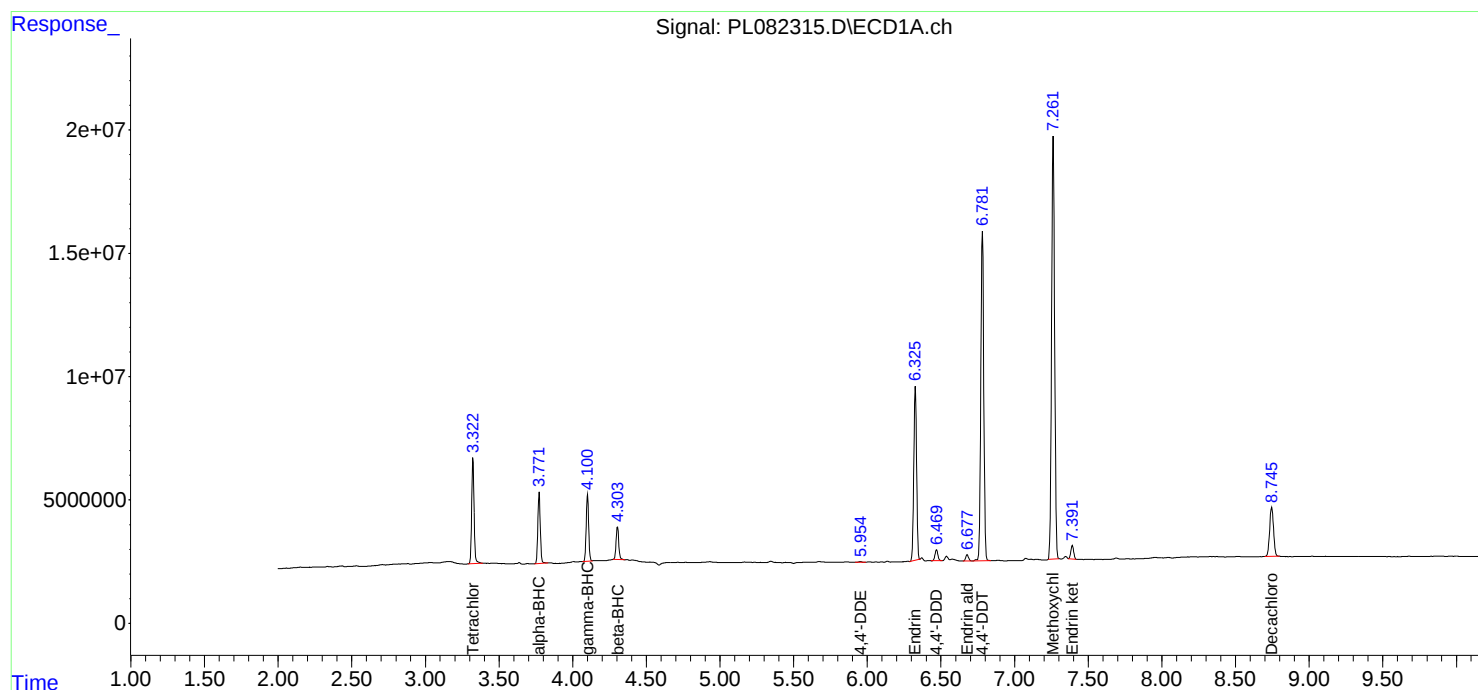
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PEM

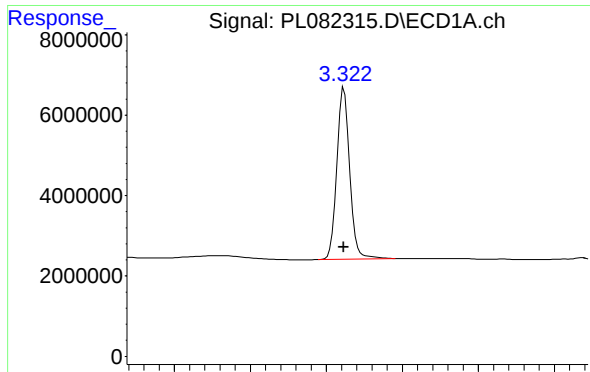
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Integration File signal 1: autoint1.e
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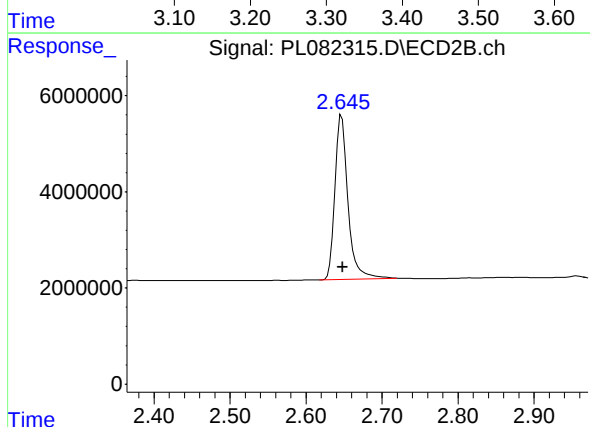
#1 Tetrachloro-m-xylene

R.T.: 3.323 min
Delta R.T.: 0.000 min
Response: 49885446
Conc: 18.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

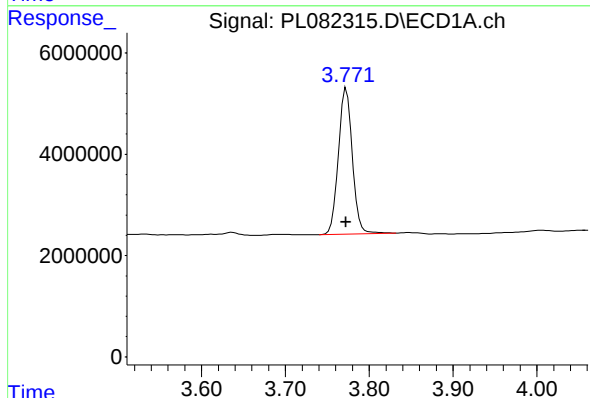
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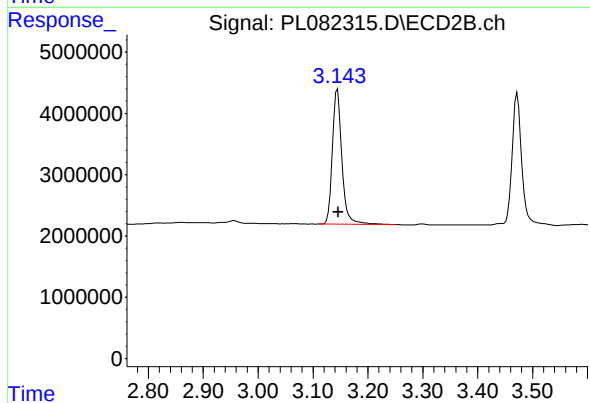
#1 Tetrachloro-m-xylene

R.T.: 2.647 min
Delta R.T.: -0.001 min
Response: 40575596
Conc: 17.51 ng/ml



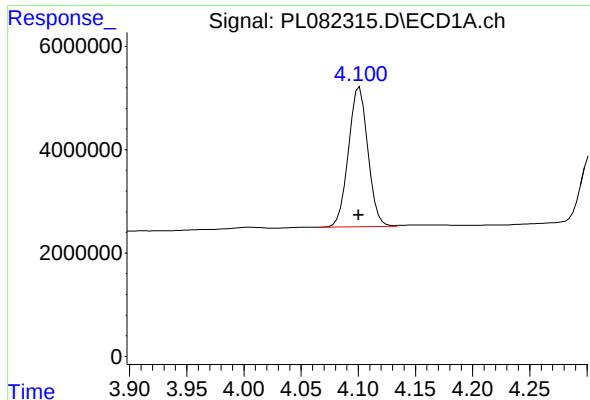
#2 alpha-BHC

R.T.: 3.773 min
Delta R.T.: 0.000 min
Response: 33342555
Conc: 8.38 ng/ml



#2 alpha-BHC

R.T.: 3.145 min
Delta R.T.: -0.002 min
Response: 26521221
Conc: 7.79 ng/ml



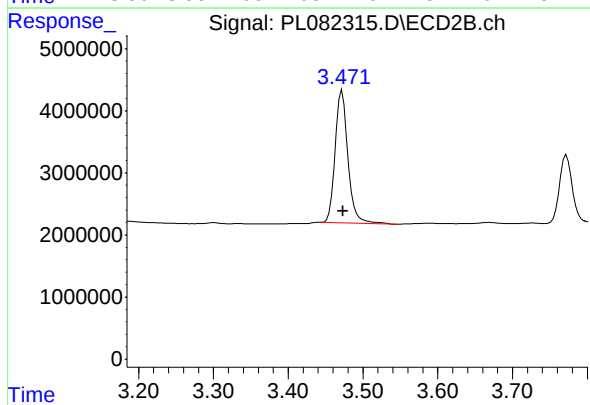
#3 gamma-BHC (Lindane)

R.T.: 4.101 min
Delta R.T.: 0.000 min
Response: 32084173
Conc: 8.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

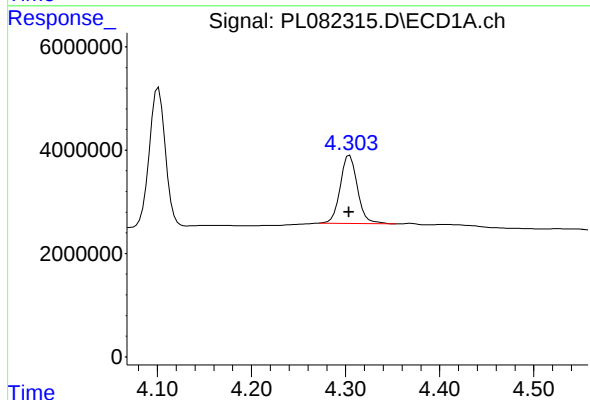
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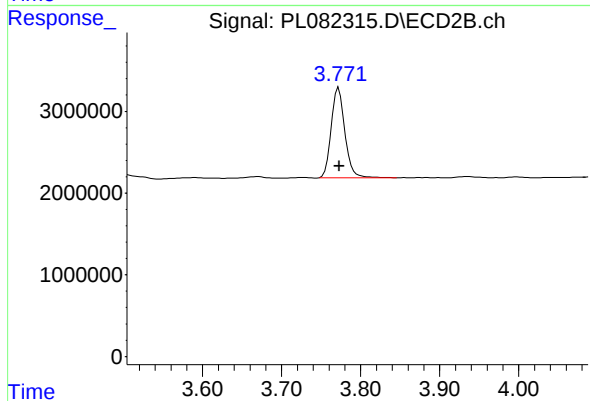
#3 gamma-BHC (Lindane)

R.T.: 3.472 min
Delta R.T.: -0.001 min
Response: 25477303
Conc: 7.92 ng/ml



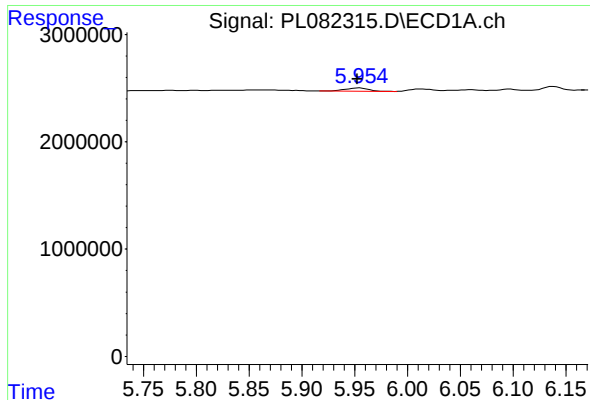
#6 beta-BHC

R.T.: 4.304 min
Delta R.T.: 0.000 min
Response: 16767048
Conc: 9.83 ng/ml



#6 beta-BHC

R.T.: 3.772 min
Delta R.T.: 0.000 min
Response: 13297283
Conc: 9.75 ng/ml



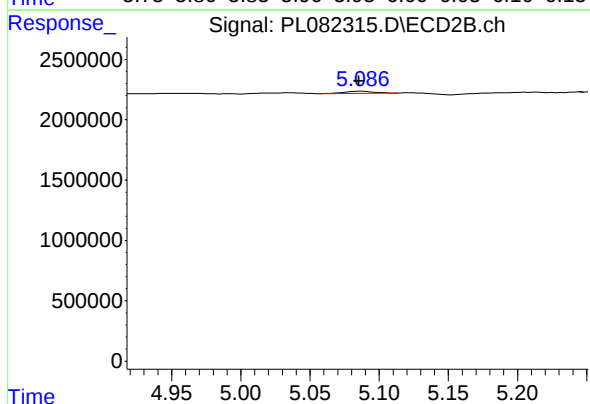
#12 4,4'-DDE

R.T.: 5.955 min
Delta R.T.: 0.003 min
Response: 450744
Conc: 0.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

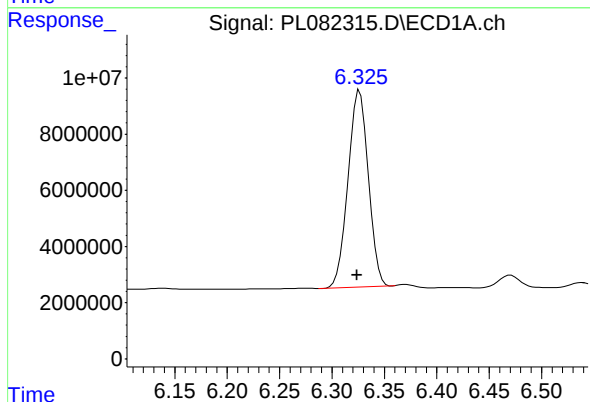
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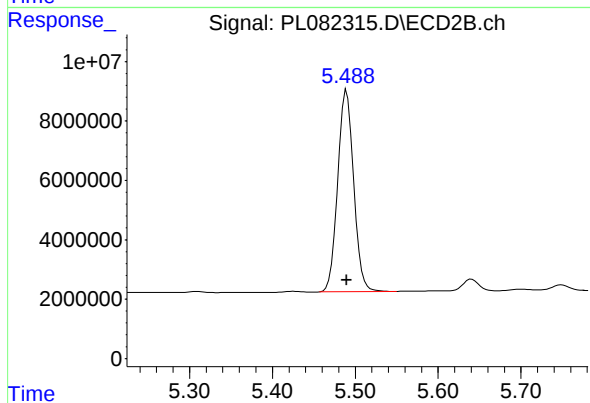
#12 4,4'-DDE

R.T.: 5.086 min
Delta R.T.: 0.000 min
Response: 270215
Conc: 0.12 ng/ml



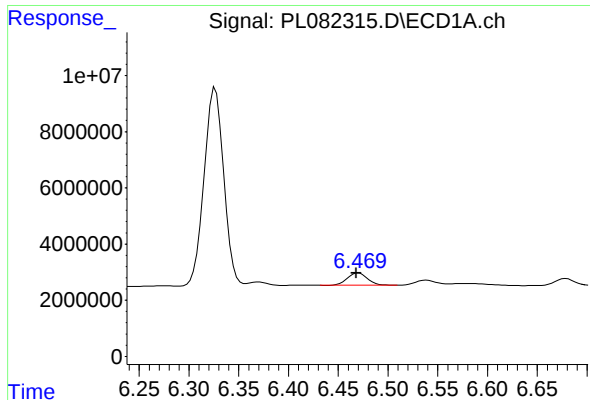
#14 Endrin

R.T.: 6.326 min
Delta R.T.: 0.003 min
Response: 94922623
Conc: 39.15 ng/ml



#14 Endrin

R.T.: 5.490 min
Delta R.T.: 0.000 min
Response: 90898891
Conc: 37.16 ng/ml



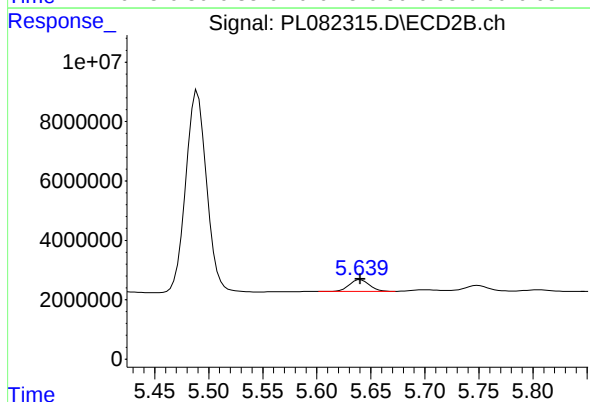
#16 4,4'-DDD

R.T.: 6.471 min
Delta R.T.: 0.002 min
Response: 6055425
Conc: 2.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

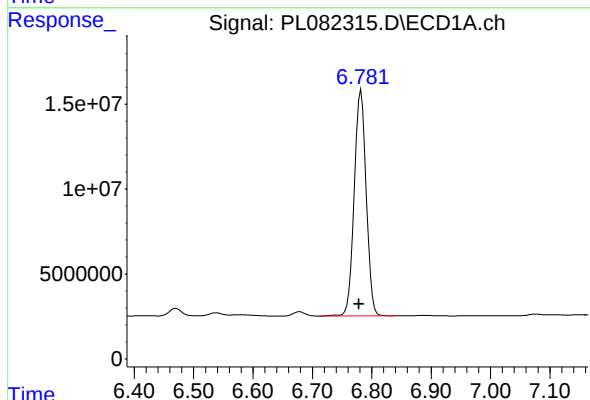
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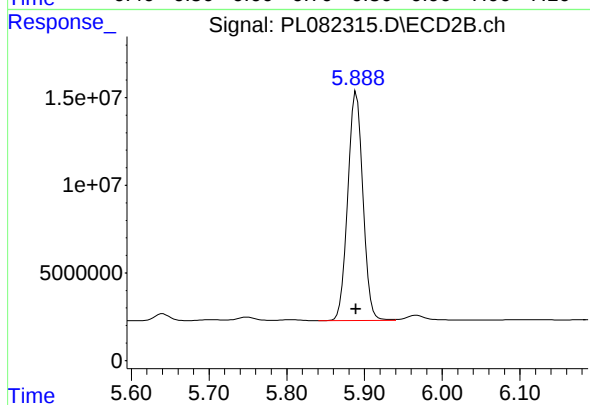
#16 4,4'-DDD

R.T.: 5.641 min
Delta R.T.: 0.000 min
Response: 5059580
Conc: 2.71 ng/ml



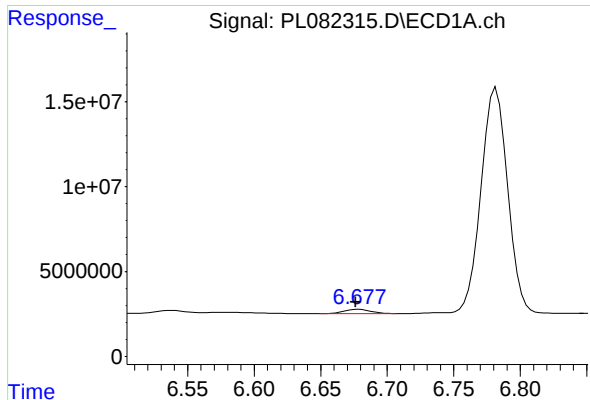
#17 4,4'-DDT

R.T.: 6.782 min
Delta R.T.: 0.003 min
Response: 185911942
Conc: 81.27 ng/ml



#17 4,4'-DDT

R.T.: 5.889 min
Delta R.T.: 0.000 min
Response: 175431184
Conc: 83.04 ng/ml



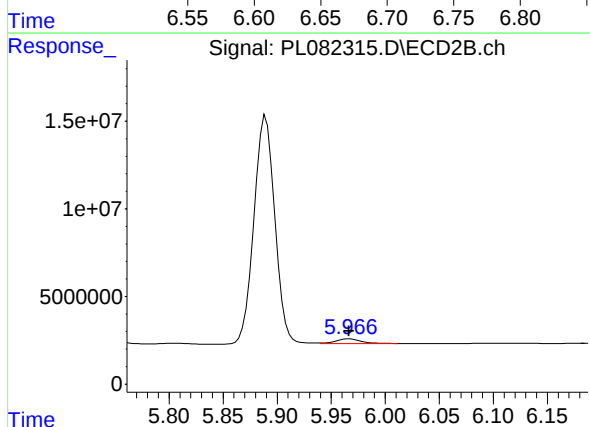
#18 Endrin aldehyde

R.T.: 6.677 min
Delta R.T.: 0.001 min
Response: 3488495
Conc: 1.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

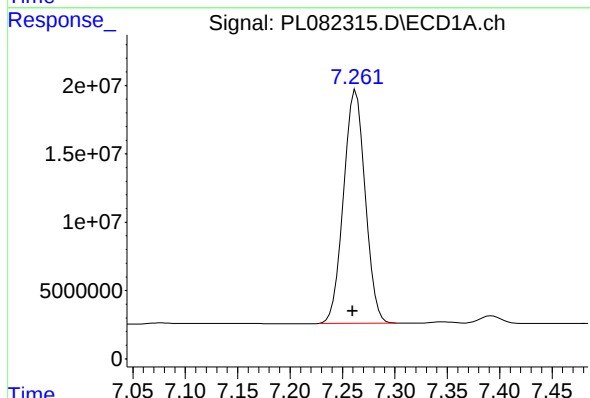
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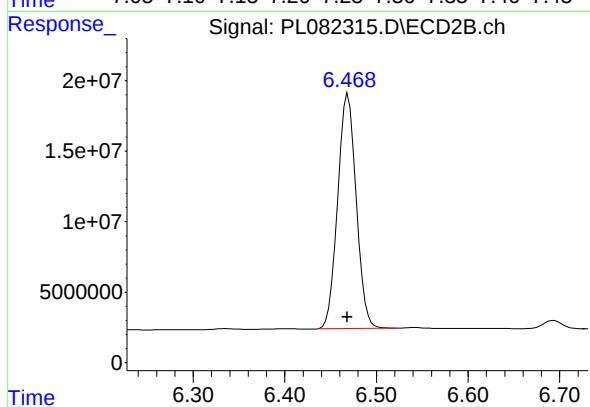
#18 Endrin aldehyde

R.T.: 5.966 min
Delta R.T.: 0.000 min
Response: 4250138
Conc: 2.27 ng/ml



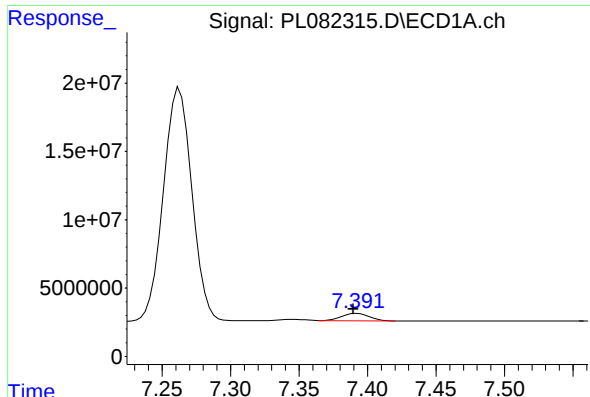
#20 Methoxychlor

R.T.: 7.263 min
Delta R.T.: 0.003 min
Response: 245993640
Conc: 201.58 ng/ml



#20 Methoxychlor

R.T.: 6.469 min
Delta R.T.: 0.000 min
Response: 234350362
Conc: 193.38 ng/ml



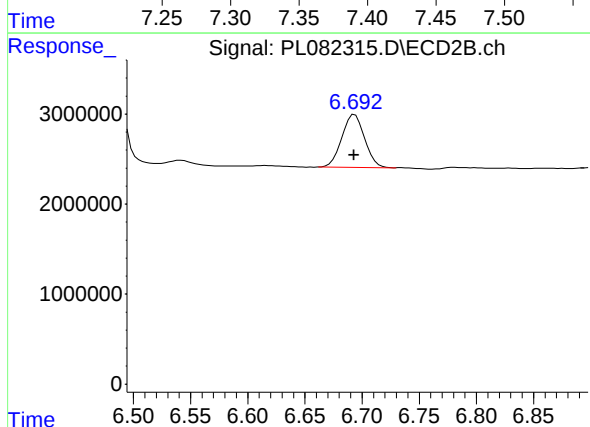
#21 Endrin ketone

R.T.: 7.391 min
Delta R.T.: 0.002 min
Response: 7495265
Conc: 3.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

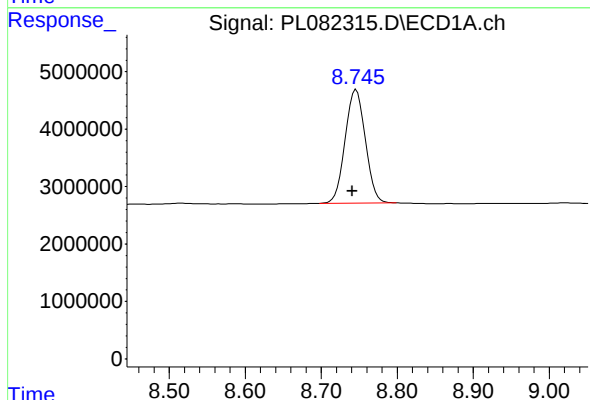
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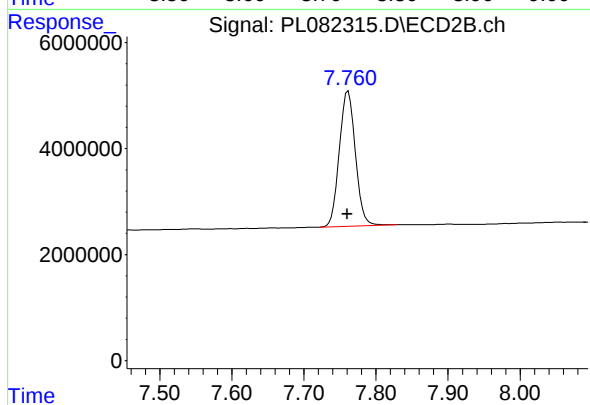
#21 Endrin ketone

R.T.: 6.694 min
Delta R.T.: 0.000 min
Response: 8196543
Conc: 3.23 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.746 min
Delta R.T.: 0.005 min
Response: 36651225
Conc: 19.20 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.761 min
Delta R.T.: 0.001 min
Response: 39478227
Conc: 17.30 ng/ml