

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042023\
 Data File : PL082209.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Apr 2023 17:49
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/21/2023
 Supervised By :Ankita Jodhani 04/21/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 21 03:21:42 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	2.648	46224980	40247182	17.305	17.372
28)	SA Decachlor...	8.741	7.761	34008301	41423445	17.814	18.148
Target Compounds							
2)	A alpha-BHC	3.772	3.146	32189112	27237230	8.087	8.003
3)	MA gamma-BHC...	4.101	3.473	30662056	25817358	8.201	8.030
6)	B beta-BHC	4.303	3.773	16285482	13222511	9.549	9.691
12)	B 4,4'-DDE	5.959	5.086	351781	149140	0.138	0.065 #
14)	MA Endrin	6.324	5.489	98781173	99625016	40.742	40.730
16)	A 4,4'-DDD	6.467	5.639	574926	545178	0.284m	0.291m
17)	MA 4,4'-DDT	6.780	5.889	193.9E6	191.7E6	84.772	90.731
18)	B Endrin al...	6.675	5.966	2074748	3569103	1.101m	1.907m#
20)	A Methoxychlor	7.260	6.468	261.4E6	259.9E6	214.169	214.505
21)	B Endrin ke...	7.388	6.691	3720115	4499047	1.554m	1.773m

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

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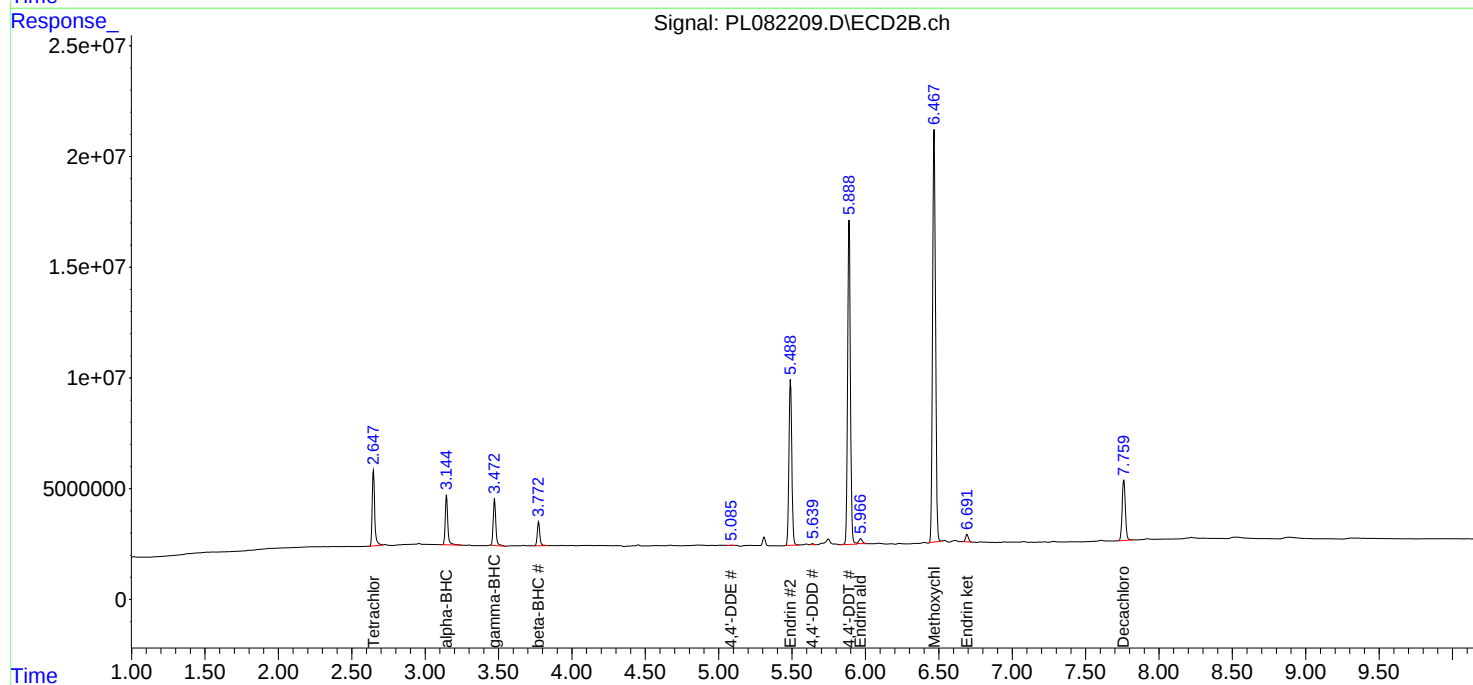
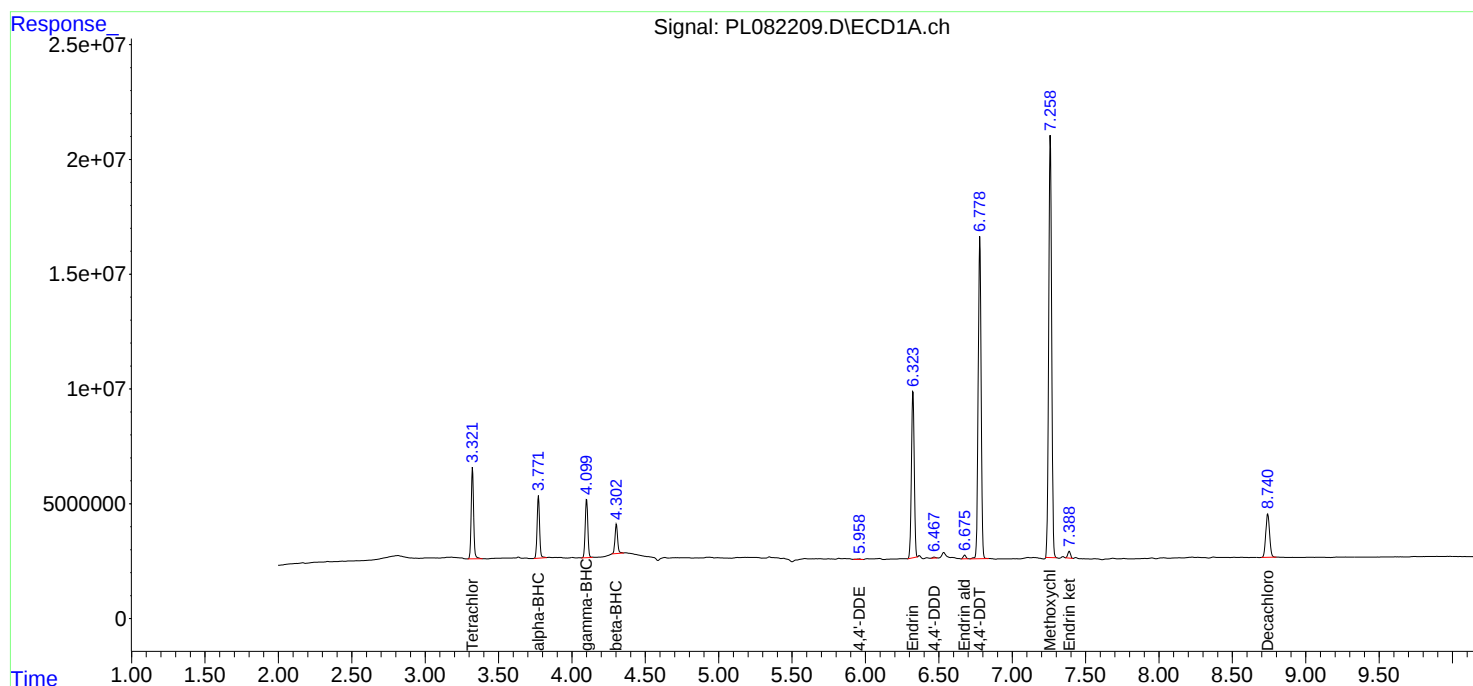
Instrument :
ECD_L
ClientSampleId :
PEM

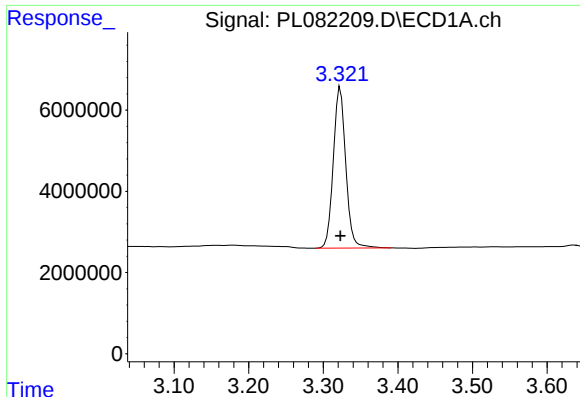
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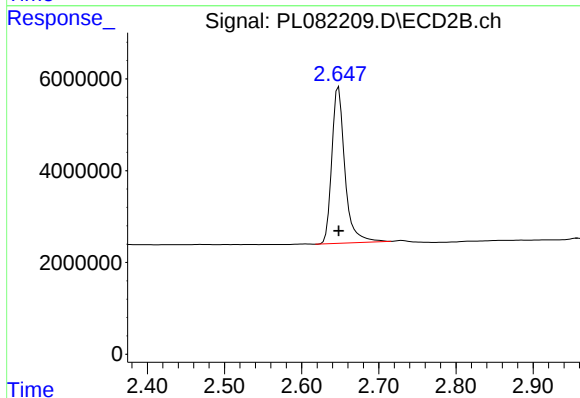
#1 Tetrachloro-m-xylene

R.T.: 3.323 min
Delta R.T.: 0.000 min
Response: 46224980
Conc: 17.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

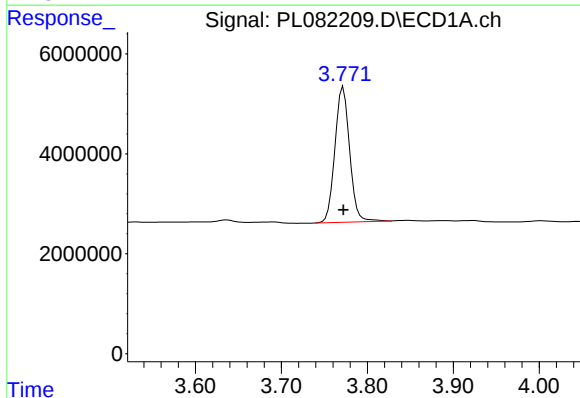
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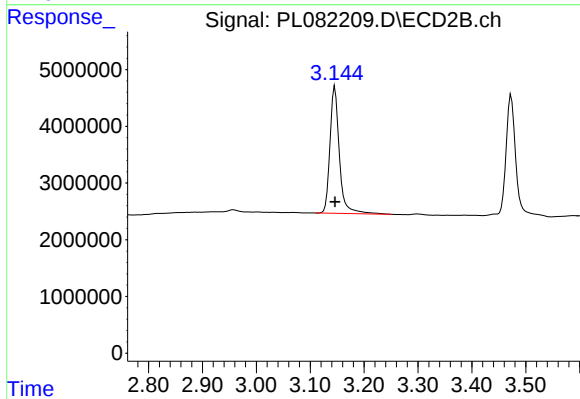
#1 Tetrachloro-m-xylene

R.T.: 2.648 min
Delta R.T.: 0.000 min
Response: 40247182
Conc: 17.37 ng/ml



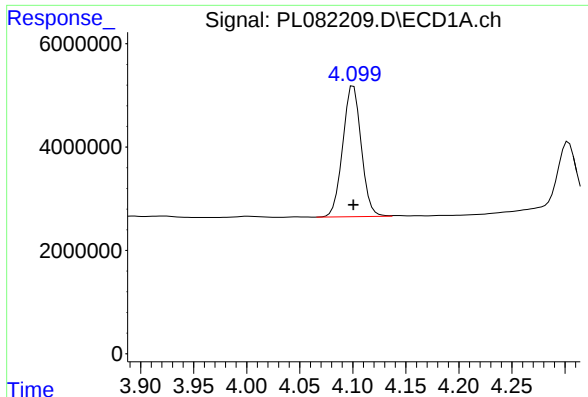
#2 alpha-BHC

R.T.: 3.772 min
Delta R.T.: 0.000 min
Response: 32189112
Conc: 8.09 ng/ml



#2 alpha-BHC

R.T.: 3.146 min
Delta R.T.: 0.000 min
Response: 27237230
Conc: 8.00 ng/ml



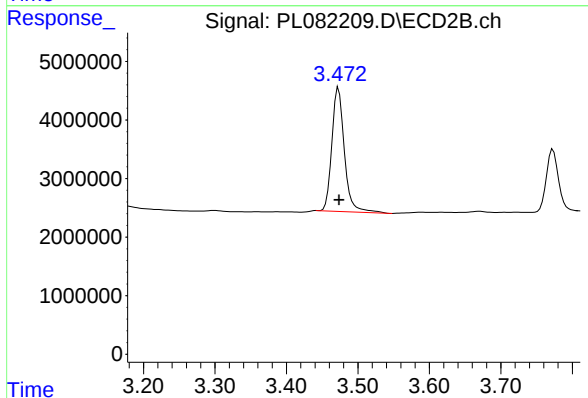
#3 gamma-BHC (Lindane)

R.T.: 4.101 min
Delta R.T.: 0.000 min
Response: 30662056
Conc: 8.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

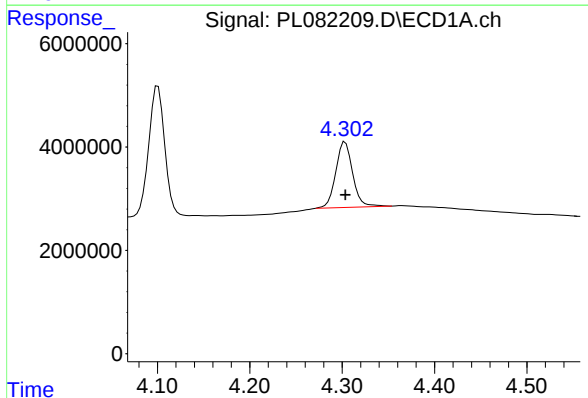
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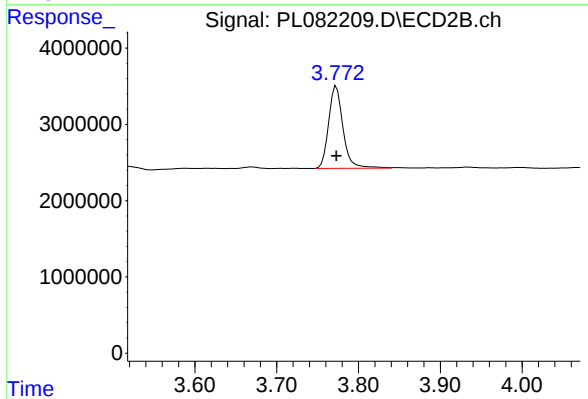
#3 gamma-BHC (Lindane)

R.T.: 3.473 min
Delta R.T.: 0.000 min
Response: 25817358
Conc: 8.03 ng/ml



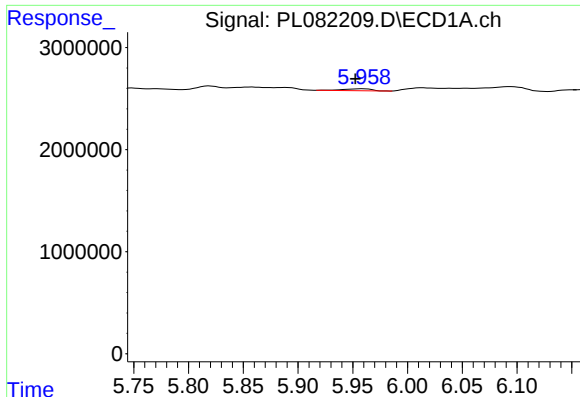
#6 beta-BHC

R.T.: 4.303 min
Delta R.T.: 0.000 min
Response: 16285482
Conc: 9.55 ng/ml



#6 beta-BHC

R.T.: 3.773 min
Delta R.T.: 0.000 min
Response: 13222511
Conc: 9.69 ng/ml



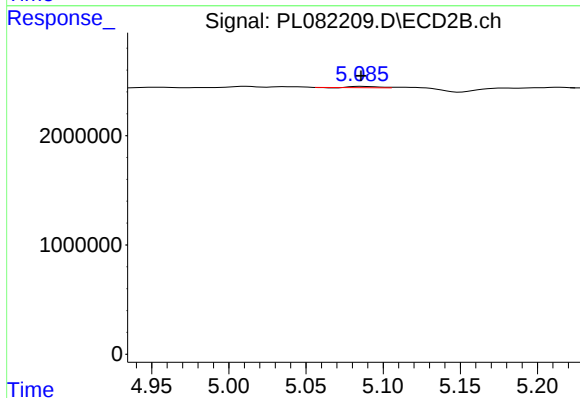
#12 4,4'-DDE

R.T.: 5.959 min
Delta R.T.: 0.007 min
Response: 351781
Conc: 0.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

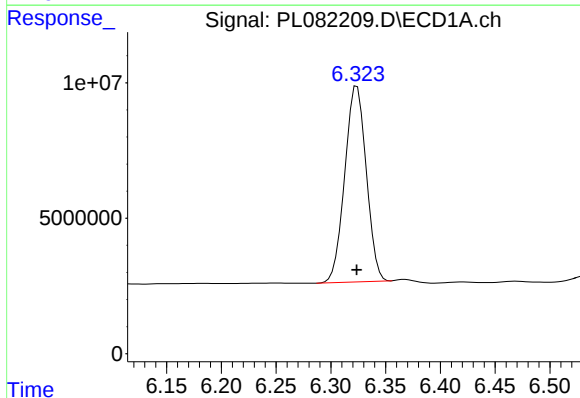
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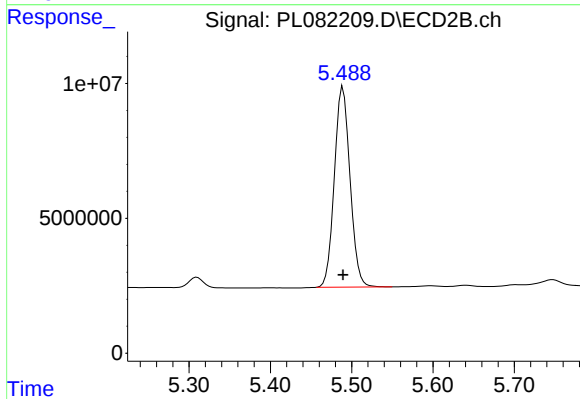
#12 4,4'-DDE

R.T.: 5.086 min
Delta R.T.: 0.000 min
Response: 149140
Conc: 0.06 ng/ml



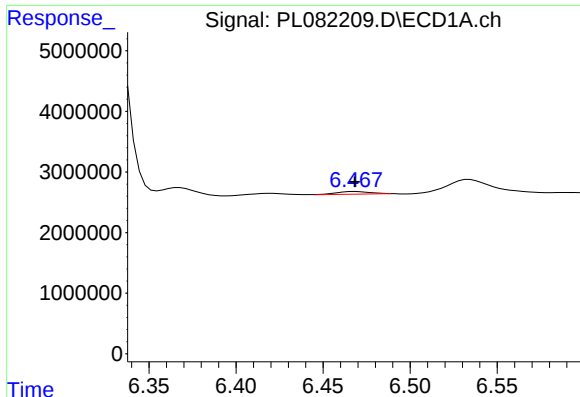
#14 Endrin

R.T.: 6.324 min
Delta R.T.: 0.000 min
Response: 98781173
Conc: 40.74 ng/ml



#14 Endrin

R.T.: 5.489 min
Delta R.T.: 0.000 min
Response: 99625016
Conc: 40.73 ng/ml



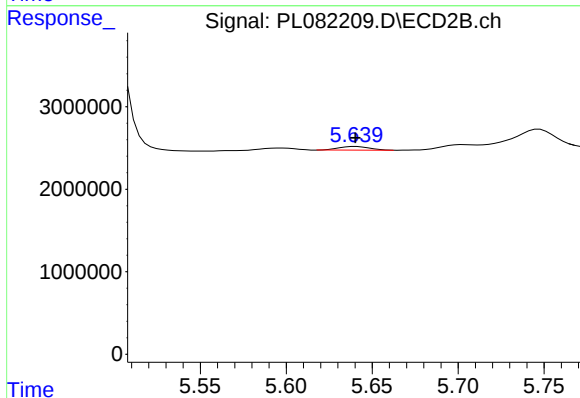
#16 4,4'-DDD

R.T.: 6.467 min
Delta R.T.: 0.000 min
Response: 574926
Conc: 0.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

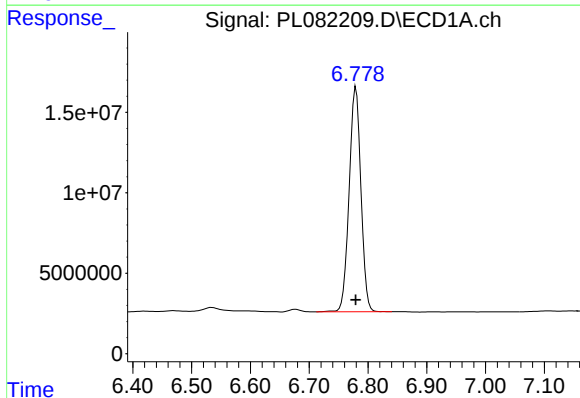
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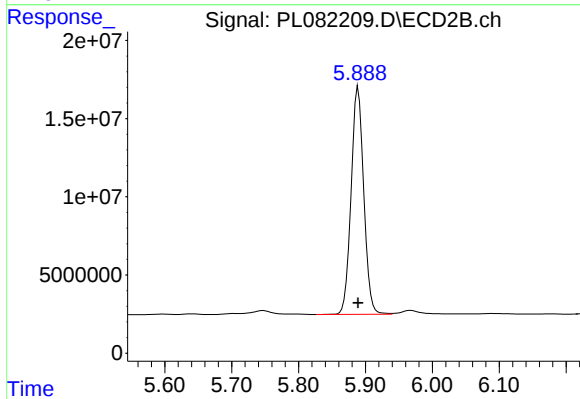
#16 4,4'-DDD

R.T.: 5.639 min
Delta R.T.: -0.001 min
Response: 545178
Conc: 0.29 ng/ml m



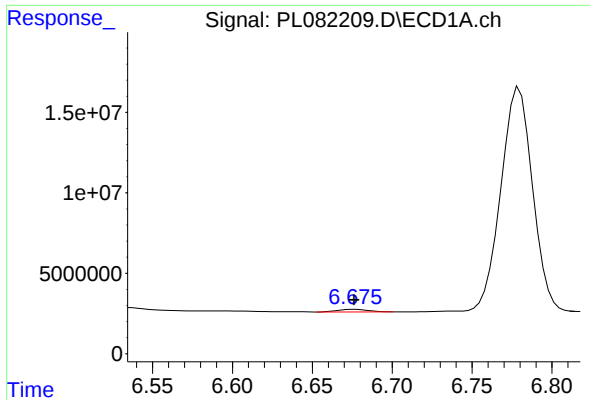
#17 4,4'-DDT

R.T.: 6.780 min
Delta R.T.: 0.000 min
Response: 193934253
Conc: 84.77 ng/ml



#17 4,4'-DDT

R.T.: 5.889 min
Delta R.T.: 0.000 min
Response: 191678525
Conc: 90.73 ng/ml



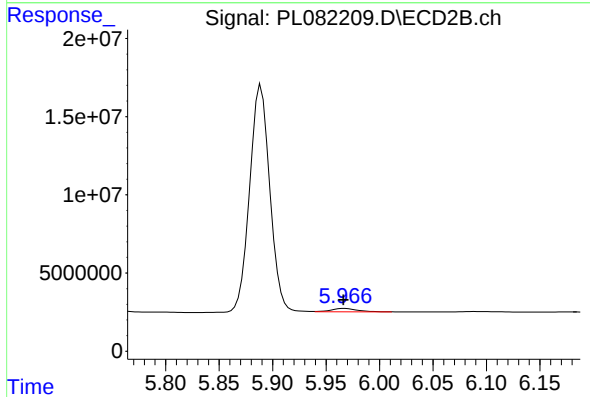
#18 Endrin aldehyde

R.T.: 6.675 min
Delta R.T.: 0.000 min
Response: 2074748
Conc: 1.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

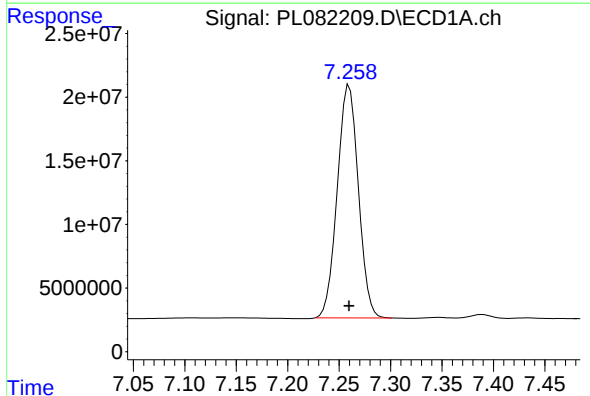
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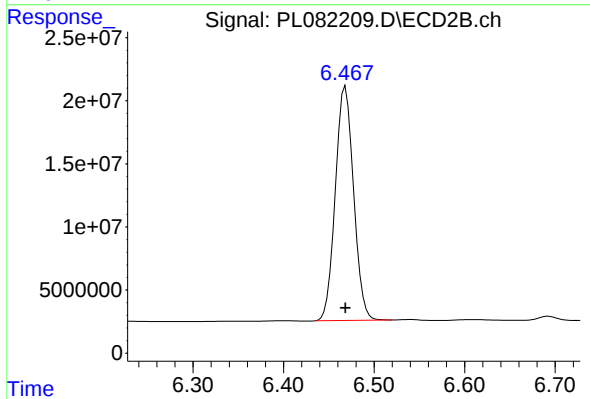
#18 Endrin aldehyde

R.T.: 5.966 min
Delta R.T.: 0.000 min
Response: 3569103
Conc: 1.91 ng/ml m



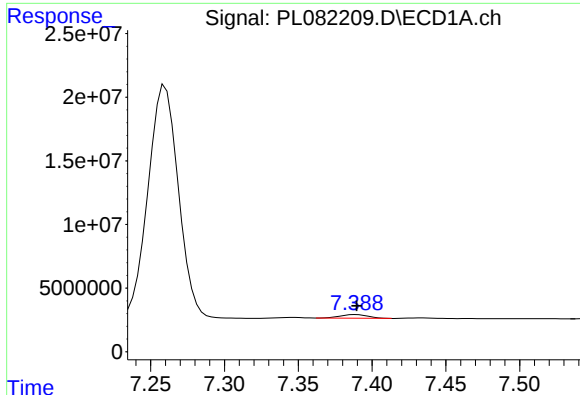
#20 Methoxychlor

R.T.: 7.260 min
Delta R.T.: 0.000 min
Response: 261356815
Conc: 214.17 ng/ml



#20 Methoxychlor

R.T.: 6.468 min
Delta R.T.: 0.000 min
Response: 259944112
Conc: 214.50 ng/ml



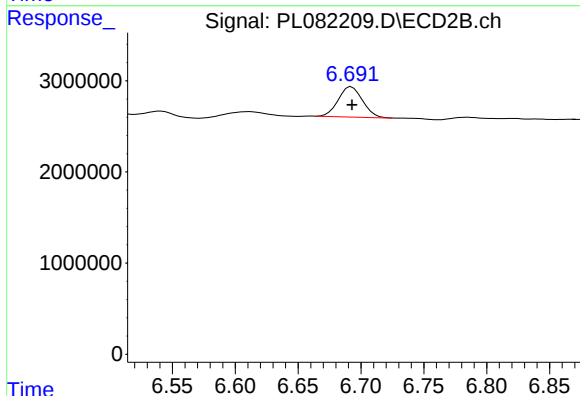
#21 Endrin ketone

R.T.: 7.388 min
Delta R.T.: -0.002 min
Response: 3720115
Conc: 1.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

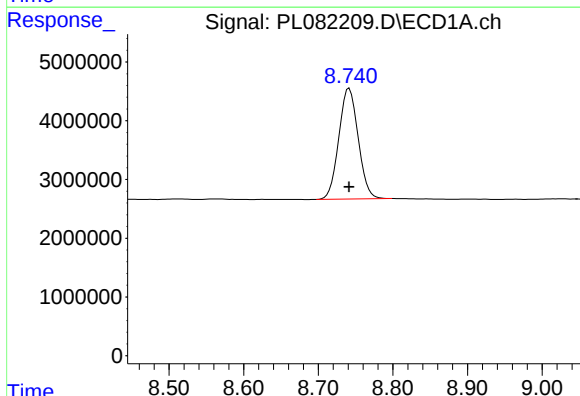
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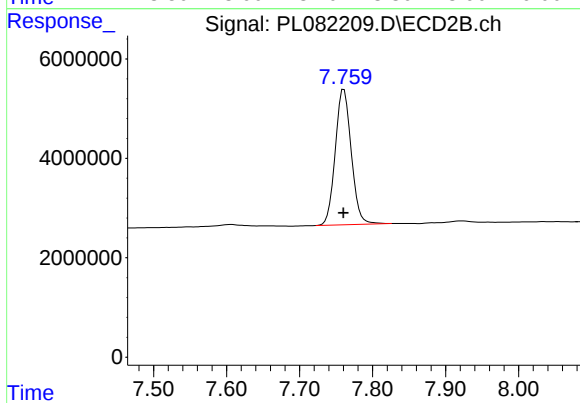
#21 Endrin ketone

R.T.: 6.691 min
Delta R.T.: -0.002 min
Response: 4499047
Conc: 1.77 ng/ml m



#28 Decachlorobiphenyl

R.T.: 8.741 min
Delta R.T.: 0.000 min
Response: 34008301
Conc: 17.81 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.761 min
Delta R.T.: 0.000 min
Response: 41423445
Conc: 18.15 ng/ml