

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111822\
 Data File : PL079243.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Nov 2022 16:10
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 11/21/2022
 Supervised By :Ankita Jodhani 11/21/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 19 08:24:29 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL111622.M
 Quant Title : GC Extractables
 QLast Update : Wed Nov 16 15:31:11 2022
 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	2.566	43413419	52678319	20.848	20.684
28)	SA Decachlor...	8.769	7.634	36503125	46772650	21.822	22.547
Target Compounds							
2)	A alpha-BHC	3.779	3.052	30448171	42130319	9.663	10.419
3)	MA gamma-BHC...	4.112	3.373	29981125	38052561	9.989	10.725
6)	B beta-BHC	4.327	3.674	14387517	17768182	10.941	12.711
14)	MA Endrin	6.347	5.363	116.0E6	138.3E6	52.414	52.955
16)	A 4,4'-DDD	6.493	5.523	770723	1883925	0.439m	0.806m#
17)	MA 4,4'-DDT	6.806	5.770	221.9E6	261.8E6	106.462	107.253
18)	B Endrin al...	6.708	5.839	1570671	3336618	0.983	1.599m#
20)	A Methoxychlor	7.290	6.347	289.6E6	323.8E6	271.649	245.118
21)	B Endrin ke...	7.428	6.555	3826436	7625426	1.838	2.696m#

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

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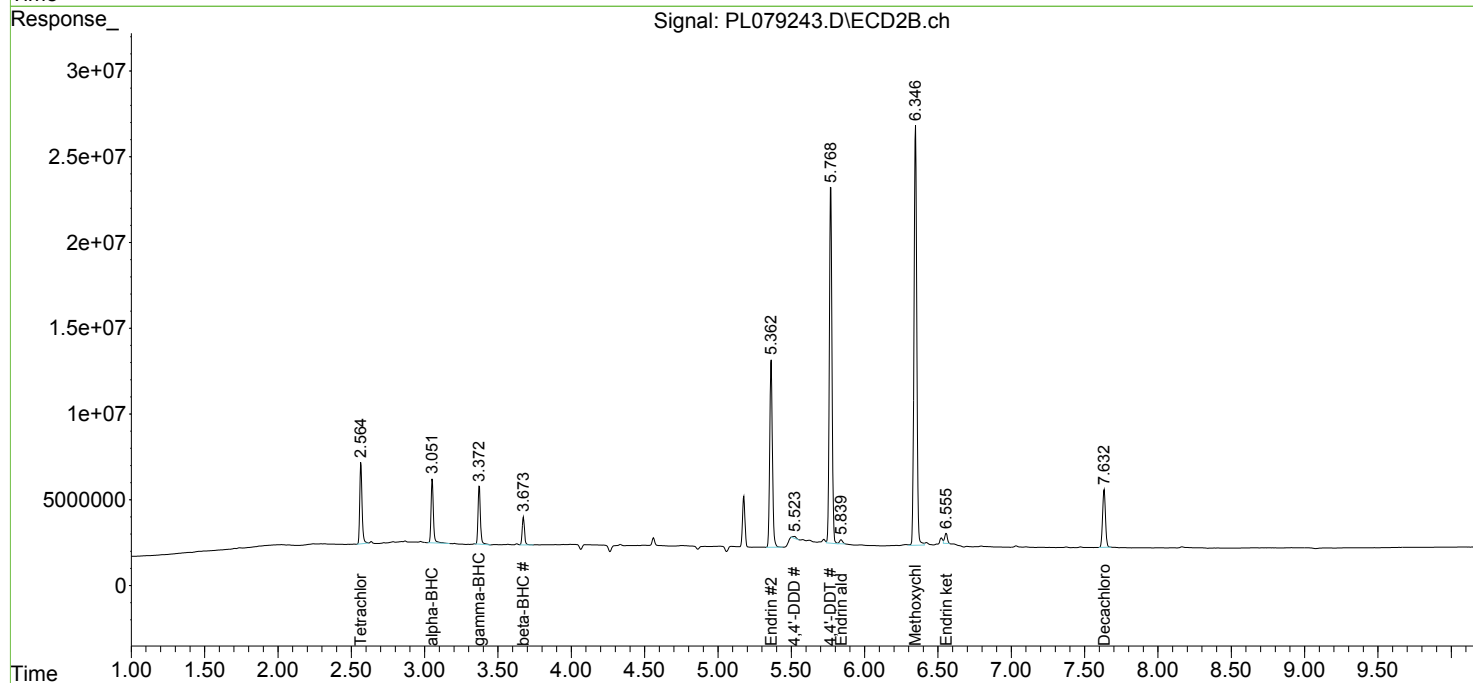
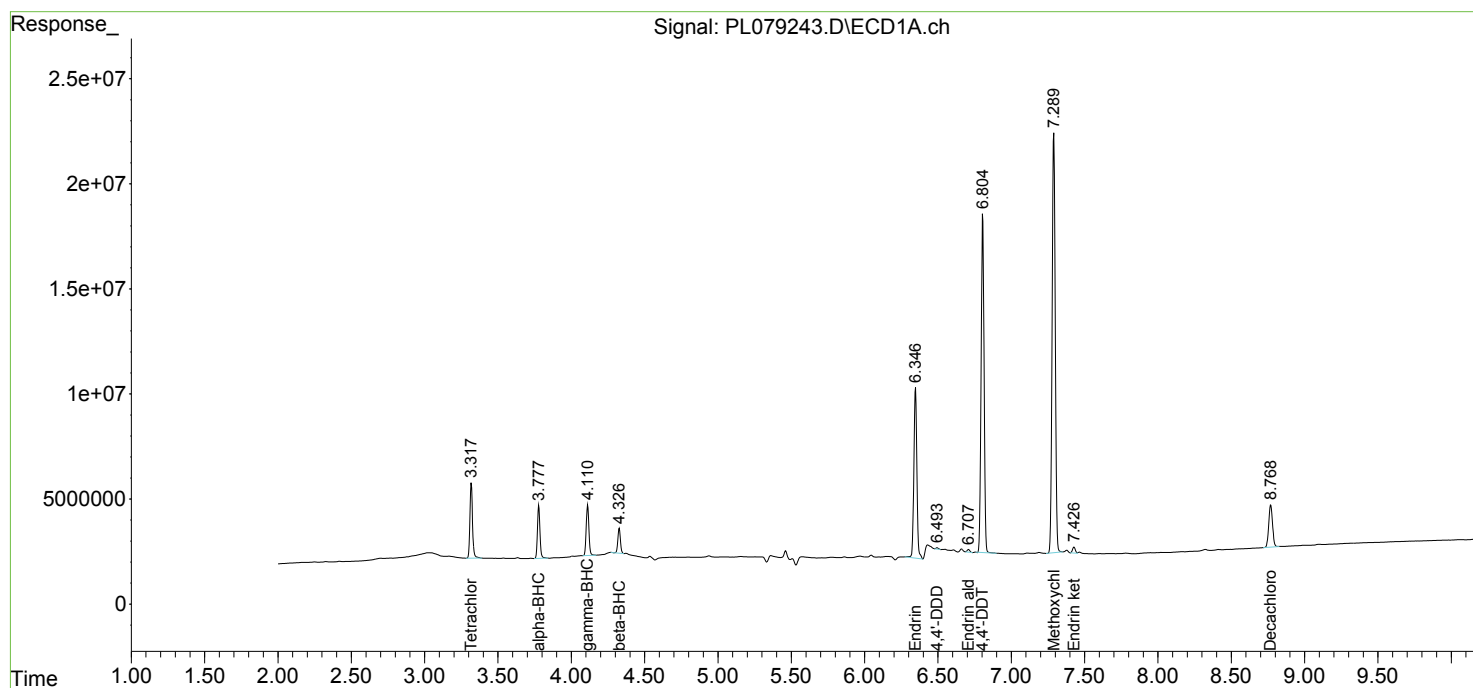
Instrument :
ECD_L
ClientSampleId :
PEM

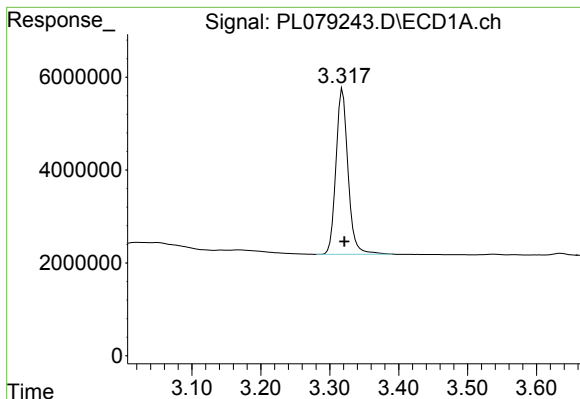
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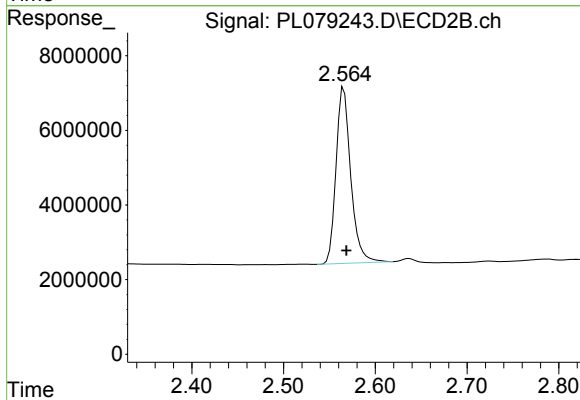
#1 Tetrachloro-m-xylene

R.T.: 3.319 min
Delta R.T.: -0.002 min
Response: 43413419
Conc: 20.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

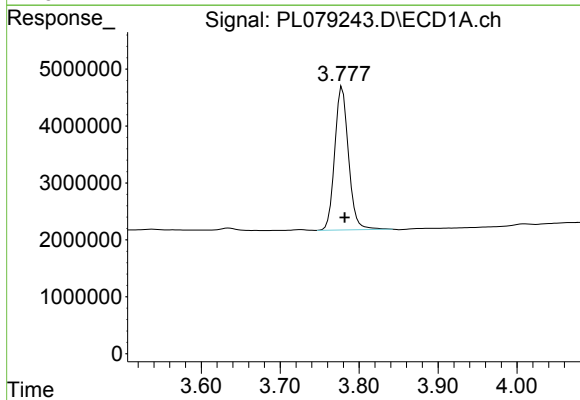
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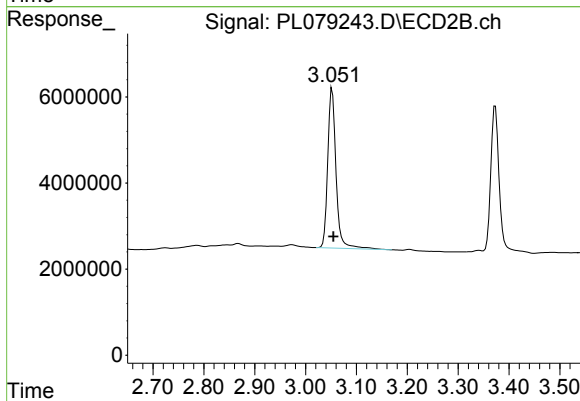
#1 Tetrachloro-m-xylene

R.T.: 2.566 min
Delta R.T.: -0.003 min
Response: 52678319
Conc: 20.68 ng/ml



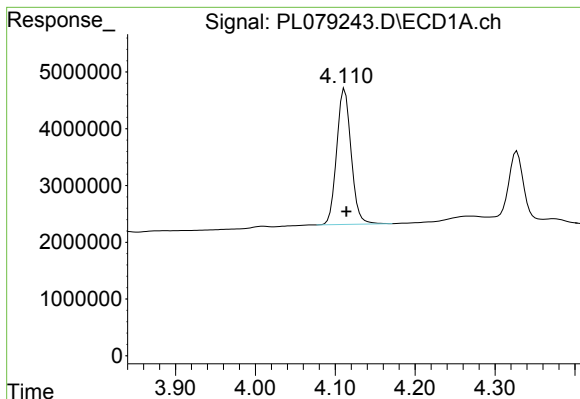
#2 alpha-BHC

R.T.: 3.779 min
Delta R.T.: -0.003 min
Response: 30448171
Conc: 9.66 ng/ml



#2 alpha-BHC

R.T.: 3.052 min
Delta R.T.: -0.002 min
Response: 42130319
Conc: 10.42 ng/ml



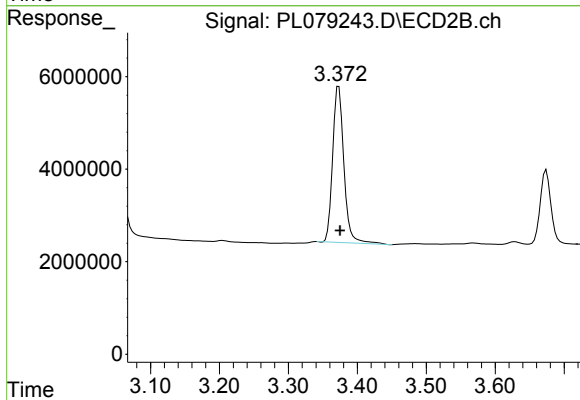
#3 gamma-BHC (Lindane)

R.T.: 4.112 min
Delta R.T.: -0.002 min
Response: 29981125
Conc: 9.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

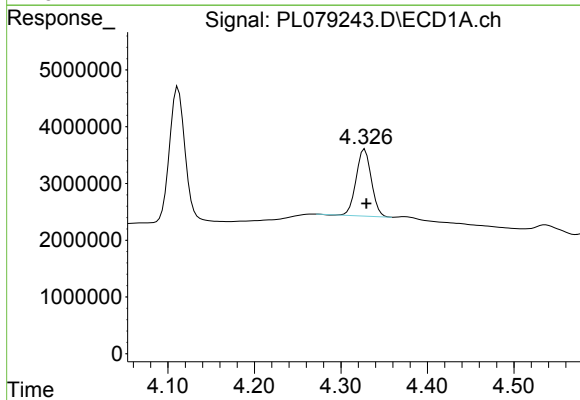
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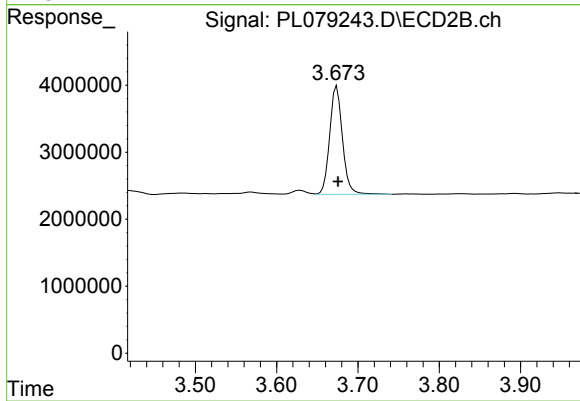
#3 gamma-BHC (Lindane)

R.T.: 3.373 min
Delta R.T.: -0.002 min
Response: 38052561
Conc: 10.73 ng/ml



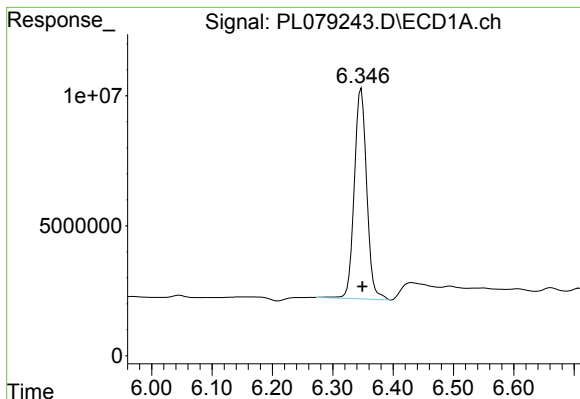
#6 beta-BHC

R.T.: 4.327 min
Delta R.T.: -0.002 min
Response: 14387517
Conc: 10.94 ng/ml



#6 beta-BHC

R.T.: 3.674 min
Delta R.T.: -0.001 min
Response: 17768182
Conc: 12.71 ng/ml



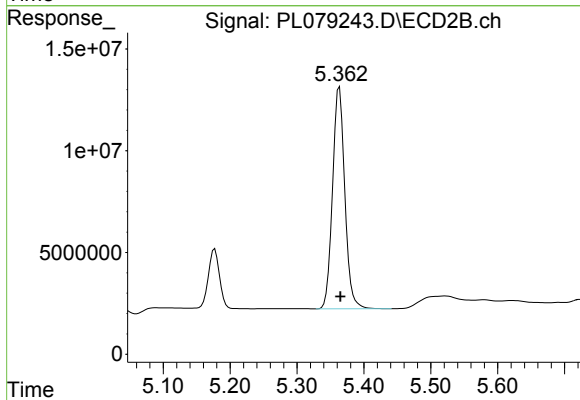
#14 Endrin

R.T.: 6.347 min
Delta R.T.: -0.002 min
Response: 115983072
Conc: 52.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

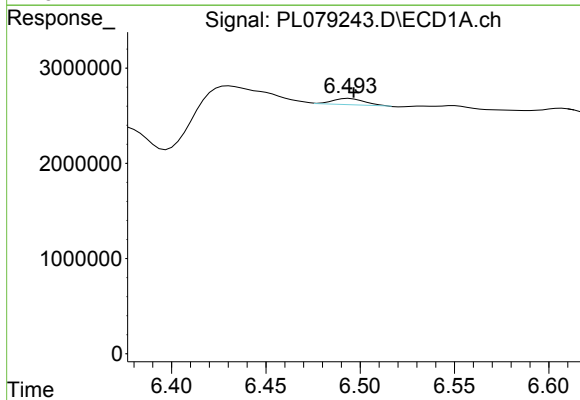
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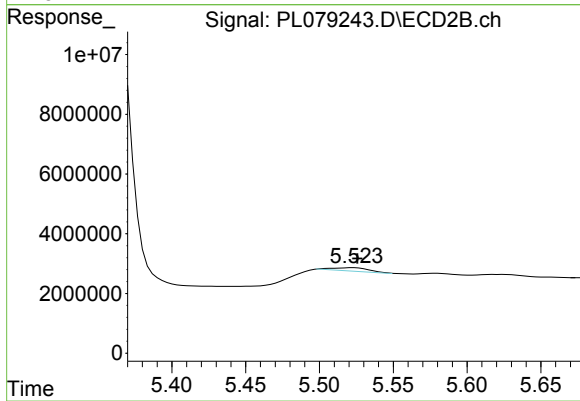
#14 Endrin

R.T.: 5.363 min
Delta R.T.: -0.002 min
Response: 138309556
Conc: 52.96 ng/ml



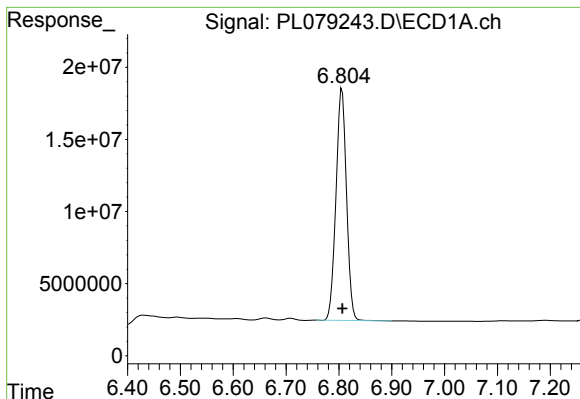
#16 4,4'-DDD

R.T.: 6.493 min
Delta R.T.: -0.003 min
Response: 770723
Conc: 0.44 ng/ml m



#16 4,4'-DDD

R.T.: 5.523 min
Delta R.T.: -0.002 min
Response: 1883925
Conc: 0.81 ng/ml m



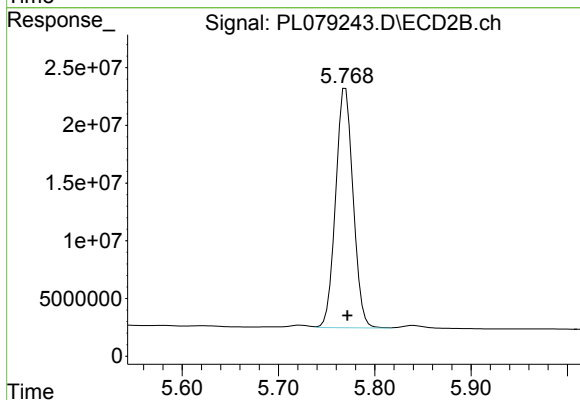
#17 4,4'-DDT

R.T.: 6.806 min
Delta R.T.: -0.001 min
Response: 221918802
Conc: 106.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

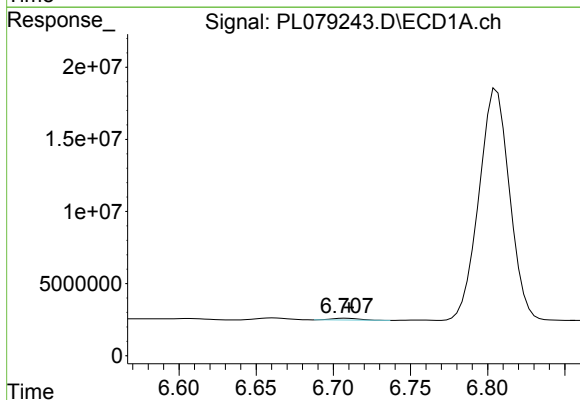
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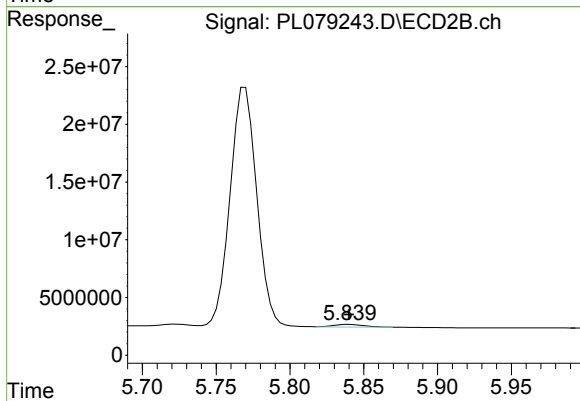
#17 4,4'-DDT

R.T.: 5.770 min
Delta R.T.: -0.002 min
Response: 261783770
Conc: 107.25 ng/ml



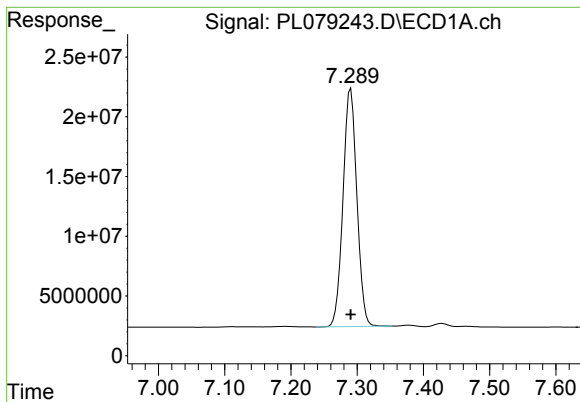
#18 Endrin aldehyde

R.T.: 6.708 min
Delta R.T.: -0.002 min
Response: 1570671
Conc: 0.98 ng/ml



#18 Endrin aldehyde

R.T.: 5.839 min
Delta R.T.: -0.001 min
Response: 3336618
Conc: 1.60 ng/ml m



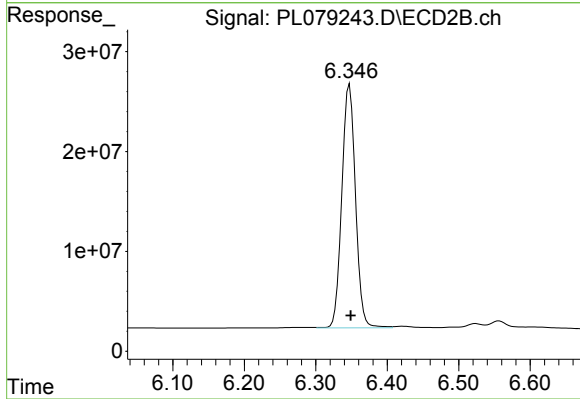
#20 Methoxychlor

R.T.: 7.290 min
Delta R.T.: 0.000 min
Response: 289595700
Conc: 271.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

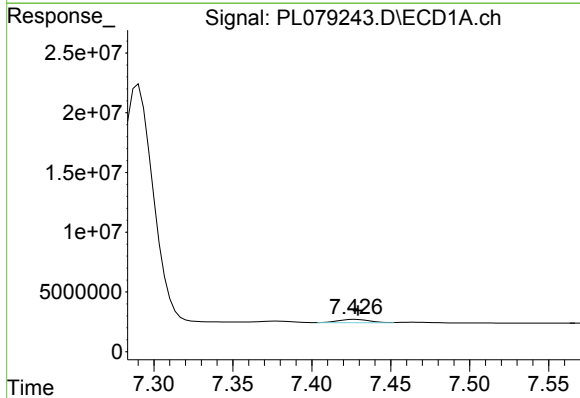
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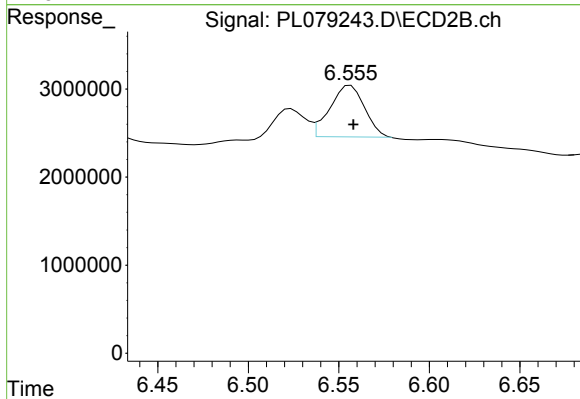
#20 Methoxychlor

R.T.: 6.347 min
Delta R.T.: -0.002 min
Response: 323818228
Conc: 245.12 ng/ml



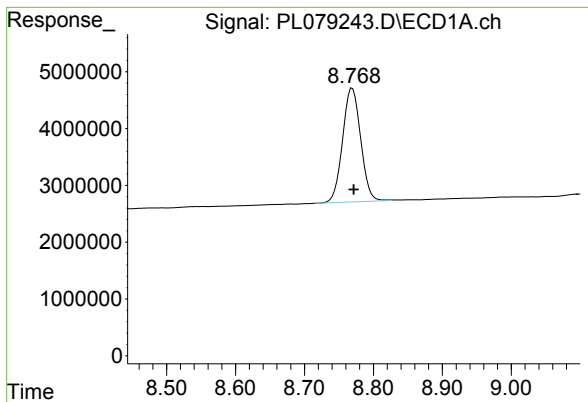
#21 Endrin ketone

R.T.: 7.428 min
Delta R.T.: -0.002 min
Response: 3826436
Conc: 1.84 ng/ml



#21 Endrin ketone

R.T.: 6.555 min
Delta R.T.: -0.003 min
Response: 7625426
Conc: 2.70 ng/ml m



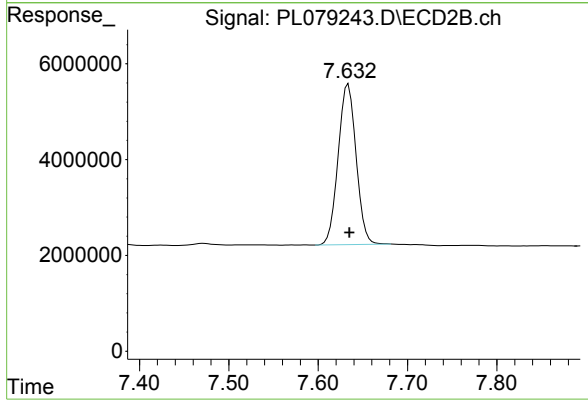
#28 Decachlorobiphenyl

R.T.: 8.769 min
Delta R.T.: -0.002 min
Response: 36503125
Conc: 21.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 7.634 min
Delta R.T.: 0.000 min
Response: 46772650
Conc: 22.55 ng/ml