

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL112224\
 Data File : PL093214.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Nov 2024 09:37
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/25/2024
 Supervised By :Ankita Jodhani 11/25/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 22 21:19:15 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102824.M
 Quant Title : GC Extractables
 QLast Update : Mon Oct 28 18:58:23 2024
 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...	3.538	2.775	58675315	63044876	23.947	23.168
28)	SA Decachlor...	9.061	7.918	40773656	64343569	21.186	23.576
Target Compounds							
2)	A alpha-BHC	3.994	3.278	41504730	44751370	12.238	11.215
3)	MA gamma-BHC...	4.326	3.608	38386114	41775724	11.776	10.824
6)	B beta-BHC	4.525	3.908	17839814	20250977	12.342	12.301
12)	B 4,4'-DDE	6.191	5.233	823314	950442	0.348m	0.295
14)	MA Endrin	6.575	5.640	102.7E6	157.0E6	45.114m	54.275
16)	A 4,4'-DDD	6.711	5.789	9632473	12805649	5.018m	5.143
17)	MA 4,4'-DDT	7.027	6.039	189.3E6	311.2E6	91.464	116.038 #
18)	B Endrin al...	6.926	6.115	5037106	6429562	2.682m	2.787
20)	A Methoxychlor	7.504	6.615	240.6E6	374.9E6	211.052	262.499
21)	B Endrin ke...	7.647	6.843	9891393	14275073	4.083	4.652

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

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Acq On : 22 Nov 2024 09:37
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

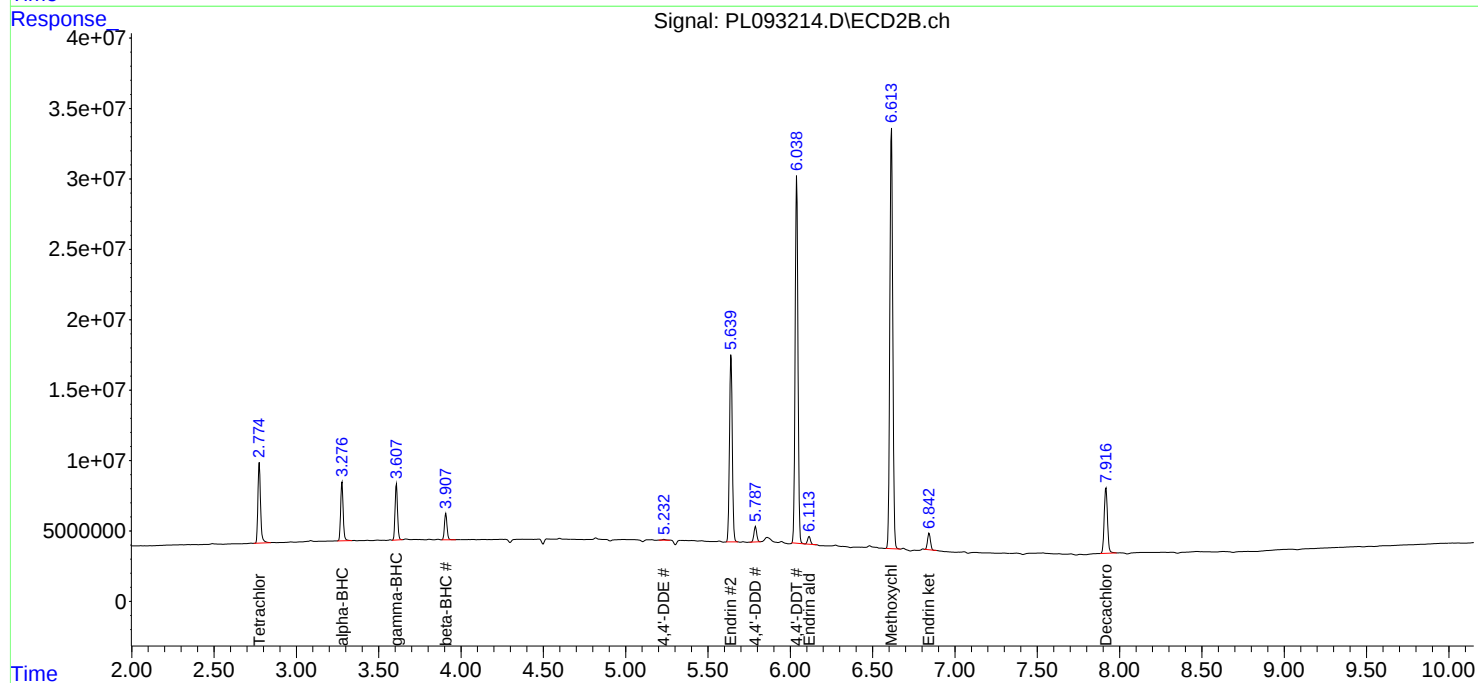
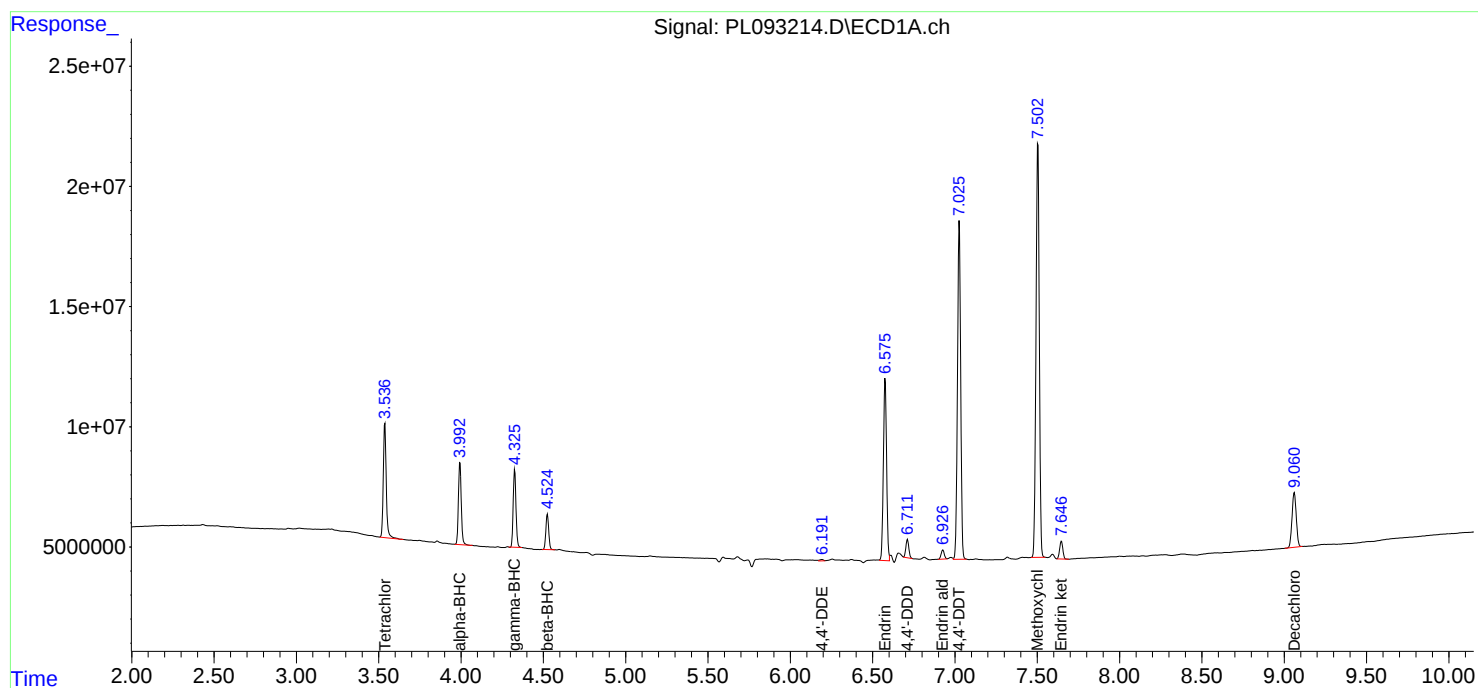
Instrument :
ECD_L
ClientSampleId :
PEM

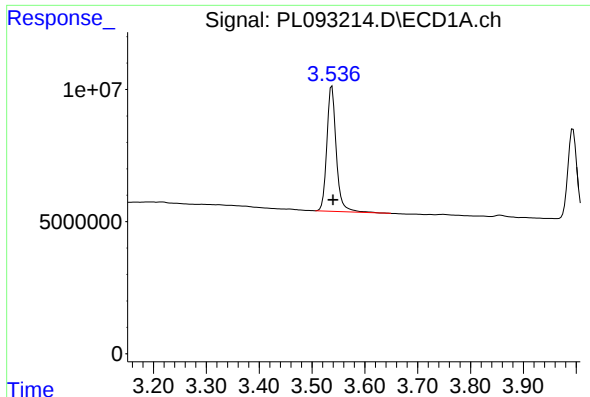
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Integration File signal 1: autoint1.e
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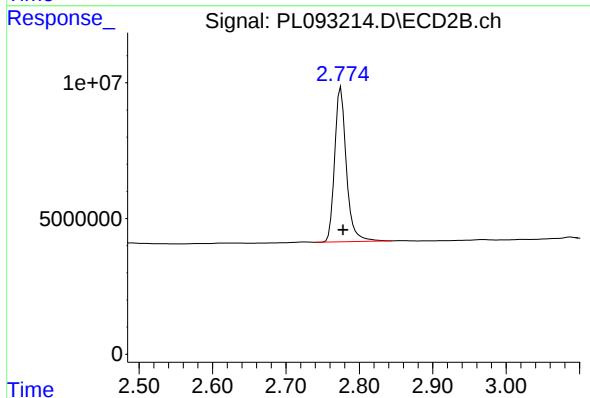
#1 Tetrachloro-m-xylene

R.T.: 3.538 min
Delta R.T.: -0.002 min
Response: 58675315
Conc: 23.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

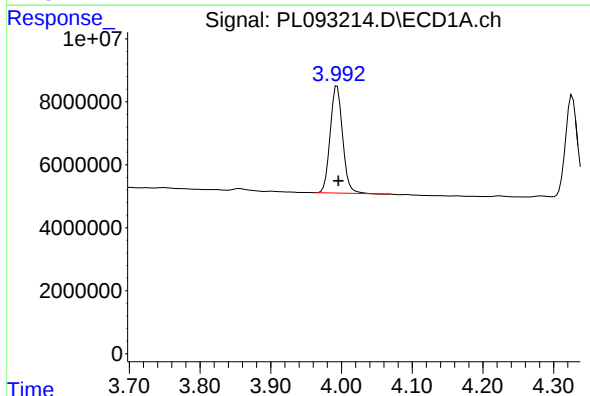
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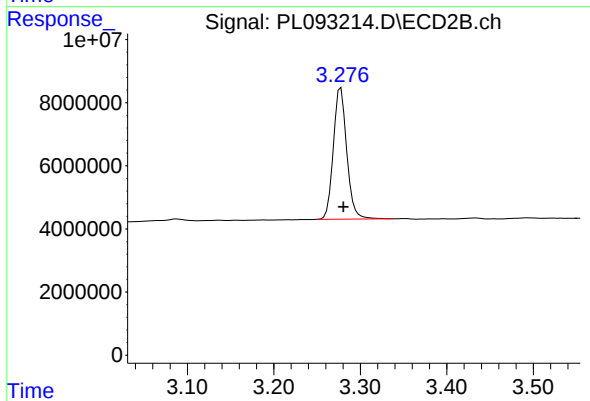
#1 Tetrachloro-m-xylene

R.T.: 2.775 min
Delta R.T.: -0.003 min
Response: 63044876
Conc: 23.17 ng/ml



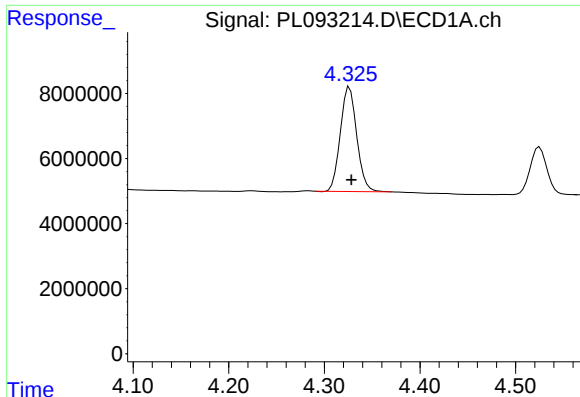
#2 alpha-BHC

R.T.: 3.994 min
Delta R.T.: -0.002 min
Response: 41504730
Conc: 12.24 ng/ml



#2 alpha-BHC

R.T.: 3.278 min
Delta R.T.: -0.003 min
Response: 44751370
Conc: 11.22 ng/ml



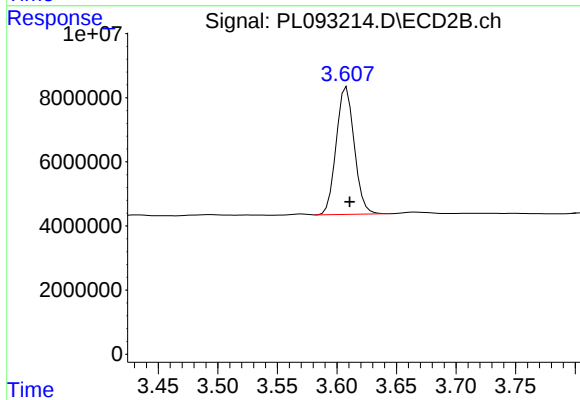
#3 gamma-BHC (Lindane)

R.T.: 4.326 min
Delta R.T.: -0.002 min
Response: 38386114
Conc: 11.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

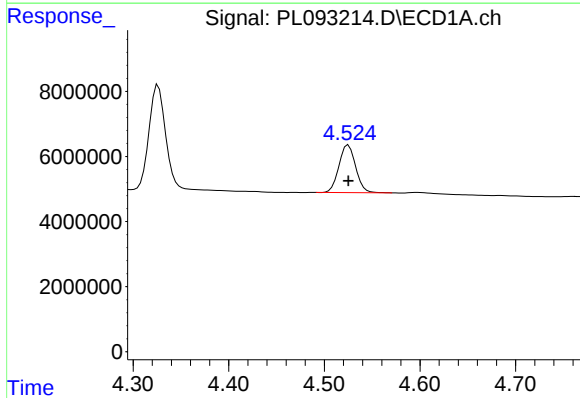
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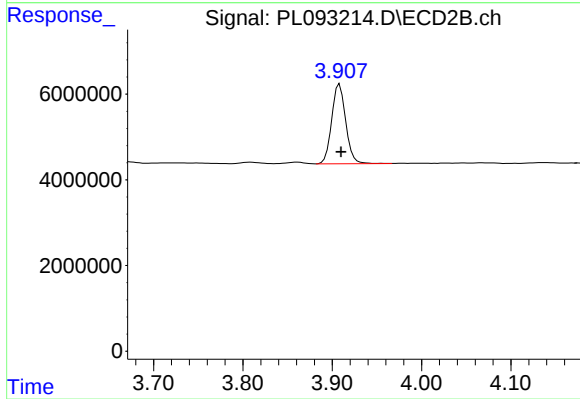
#3 gamma-BHC (Lindane)

R.T.: 3.608 min
Delta R.T.: -0.003 min
Response: 41775724
Conc: 10.82 ng/ml



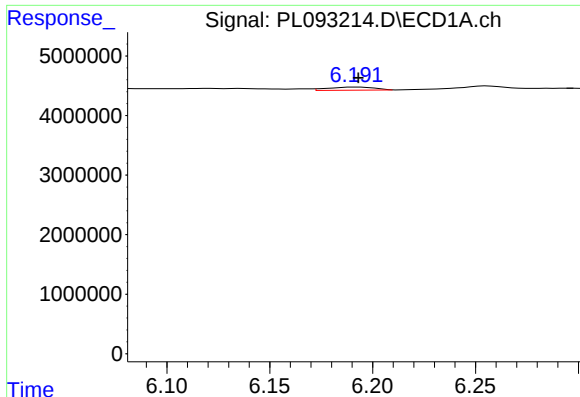
#6 beta-BHC

R.T.: 4.525 min
Delta R.T.: 0.000 min
Response: 17839814
Conc: 12.34 ng/ml



#6 beta-BHC

R.T.: 3.908 min
Delta R.T.: -0.002 min
Response: 20250977
Conc: 12.30 ng/ml



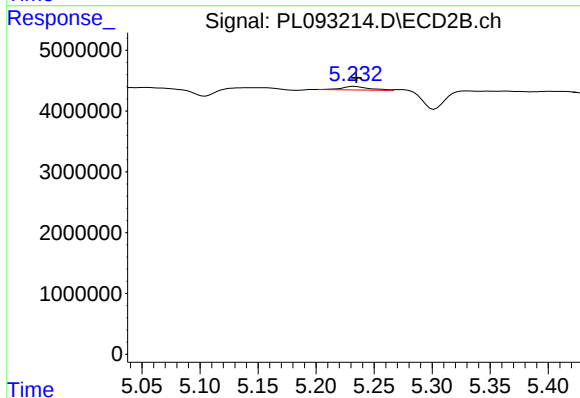
#12 4,4'-DDE

R.T.: 6.191 min
Delta R.T.: -0.002 min
Response: 823314
Conc: 0.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

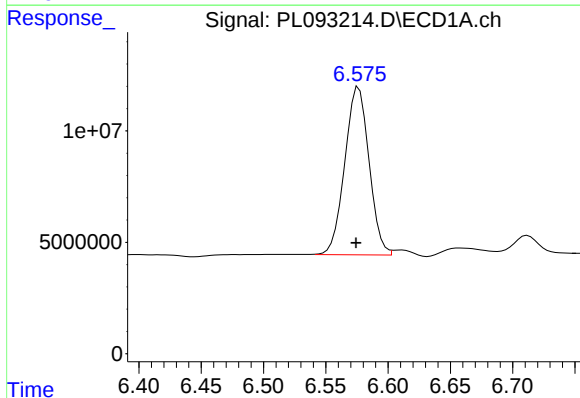
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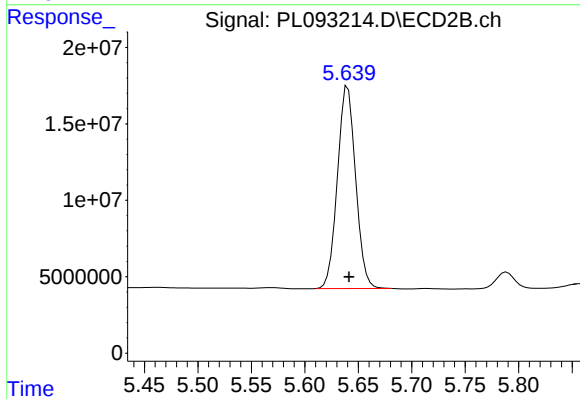
#12 4,4'-DDE

R.T.: 5.233 min
Delta R.T.: -0.002 min
Response: 950442
Conc: 0.30 ng/ml



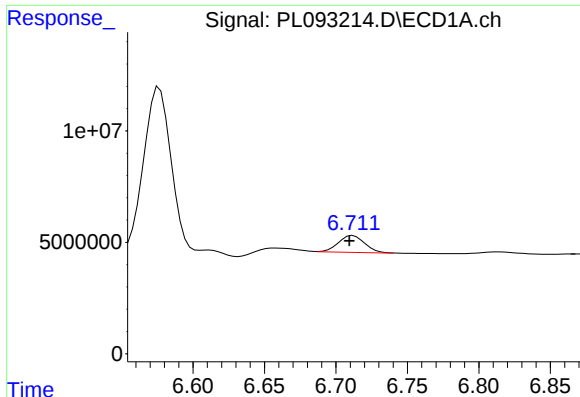
#14 Endrin

R.T.: 6.575 min
Delta R.T.: 0.000 min
Response: 102710097
Conc: 45.11 ng/ml m



#14 Endrin

R.T.: 5.640 min
Delta R.T.: -0.001 min
Response: 157017083
Conc: 54.27 ng/ml



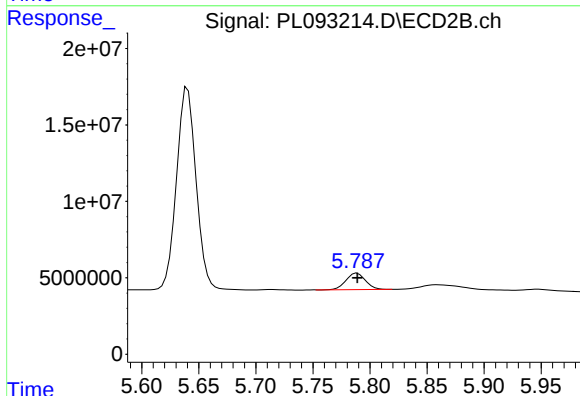
#16 4,4'-DDD

R.T.: 6.711 min
Delta R.T.: 0.000 min
Response: 9632473
Conc: 5.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

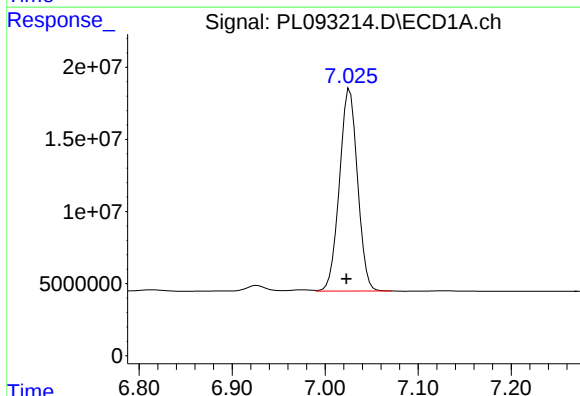
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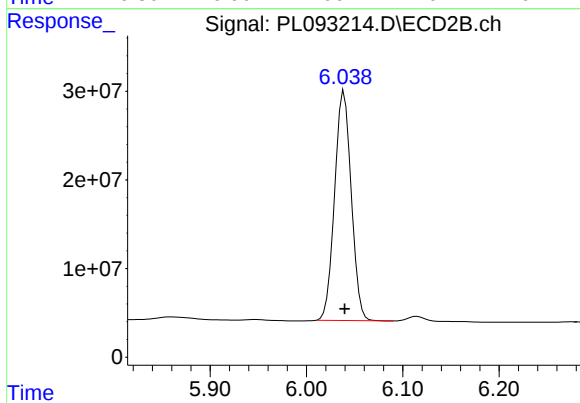
#16 4,4'-DDD

R.T.: 5.789 min
Delta R.T.: 0.000 min
Response: 12805649
Conc: 5.14 ng/ml



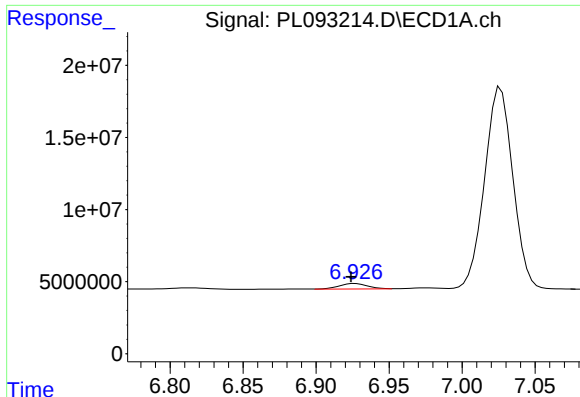
#17 4,4'-DDT

R.T.: 7.027 min
Delta R.T.: 0.004 min
Response: 189308317
Conc: 91.46 ng/ml



#17 4,4'-DDT

R.T.: 6.039 min
Delta R.T.: 0.000 min
Response: 311244483
Conc: 116.04 ng/ml



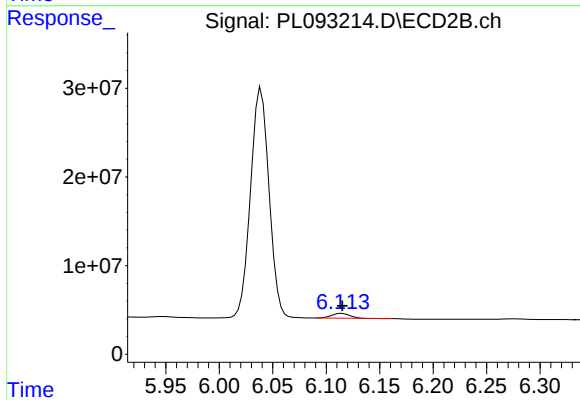
#18 Endrin aldehyde

R.T.: 6.926 min
Delta R.T.: 0.002 min
Response: 5037106
Conc: 2.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

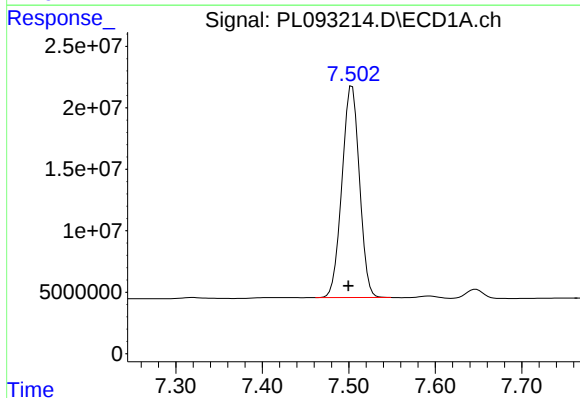
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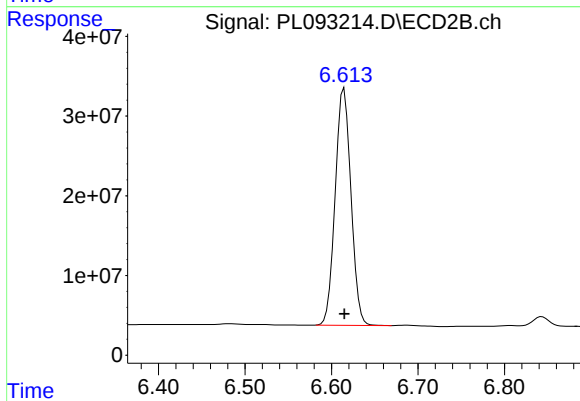
#18 Endrin aldehyde

R.T.: 6.115 min
Delta R.T.: 0.000 min
Response: 6429562
Conc: 2.79 ng/ml



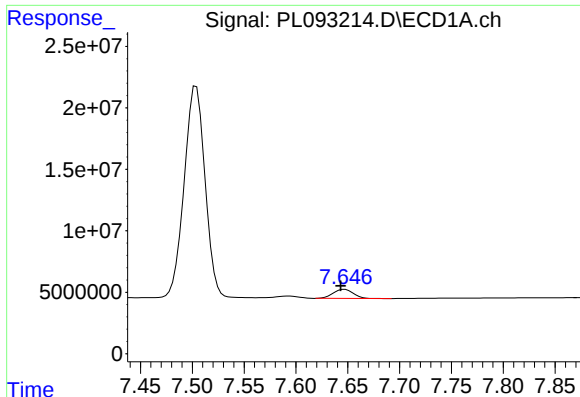
#20 Methoxychlor

R.T.: 7.504 min
Delta R.T.: 0.004 min
Response: 240598524
Conc: 211.05 ng/ml



#20 Methoxychlor

R.T.: 6.615 min
Delta R.T.: 0.000 min
Response: 374856675
Conc: 262.50 ng/ml



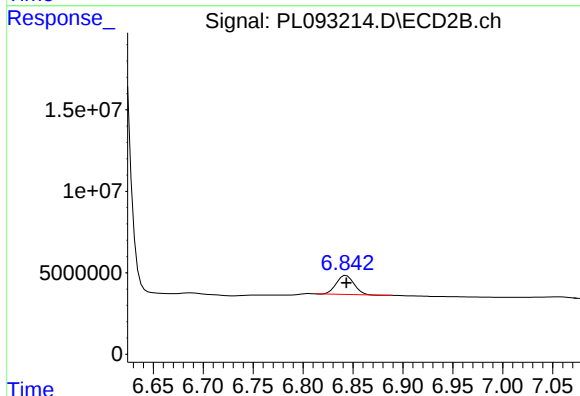
#21 Endrin ketone

R.T.: 7.647 min
Delta R.T.: 0.004 min
Response: 9891393
Conc: 4.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

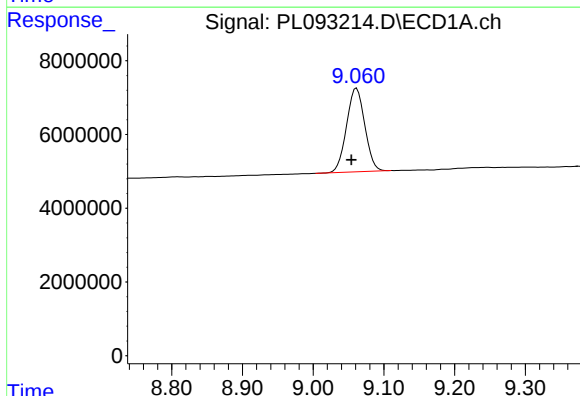
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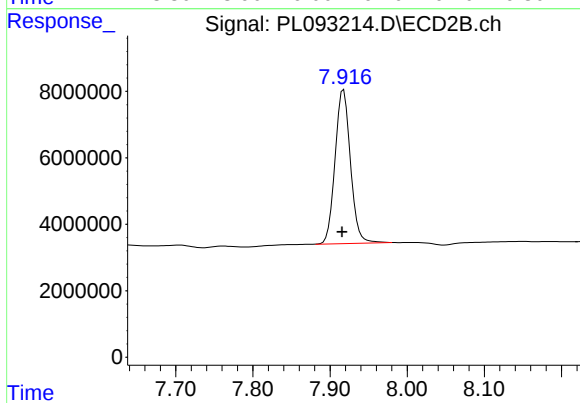
#21 Endrin ketone

R.T.: 6.843 min
Delta R.T.: 0.000 min
Response: 14275073
Conc: 4.65 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.061 min
Delta R.T.: 0.007 min
Response: 40773656
Conc: 21.19 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.918 min
Delta R.T.: 0.002 min
Response: 64343569
Conc: 23.58 ng/ml