

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL082624\
 Data File : PL091296.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Aug 2024 09:42
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/28/2024
 Supervised By :mohammad ahmed 08/28/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 27 02:03:42 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL081324.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 14 13:09:19 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...	3.546	2.786	39227883	37579705	18.270	19.252
28)	SA Decachlor...	9.060	7.927	33067203	39028244	21.690	20.605
Target Compounds							
2)	A alpha-BHC	4.001	3.288	29126515	24722772	9.716	8.914m
3)	MA gamma-BHC...	4.334	3.618	28386486	23809088	9.895	9.039m
6)	B beta-BHC	4.530	3.918	13875478	12015475	10.260	10.208
12)	B 4,4'-DDE	6.197	5.245	569029	366268	0.272m	0.175m#
14)	MA Endrin	6.579	5.652	87675689	95454641	45.211m	46.857
16)	A 4,4'-DDD	6.716	5.801	2433319	2020536	1.610	1.224
17)	MA 4,4'-DDT	7.028	6.049	158.5E6	191.9E6	89.273m	108.021m
18)	B Endrin al...	6.929	6.126	2574911	3668053	1.613	2.355 #
20)	A Methoxychlor	7.504	6.626	203.9E6	232.6E6	216.819	234.201
21)	B Endrin ke...	7.646	6.853	5126093	4540129	2.441m	2.085

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

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Data File : PL091296.D
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Acq On : 26 Aug 2024 09:42
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

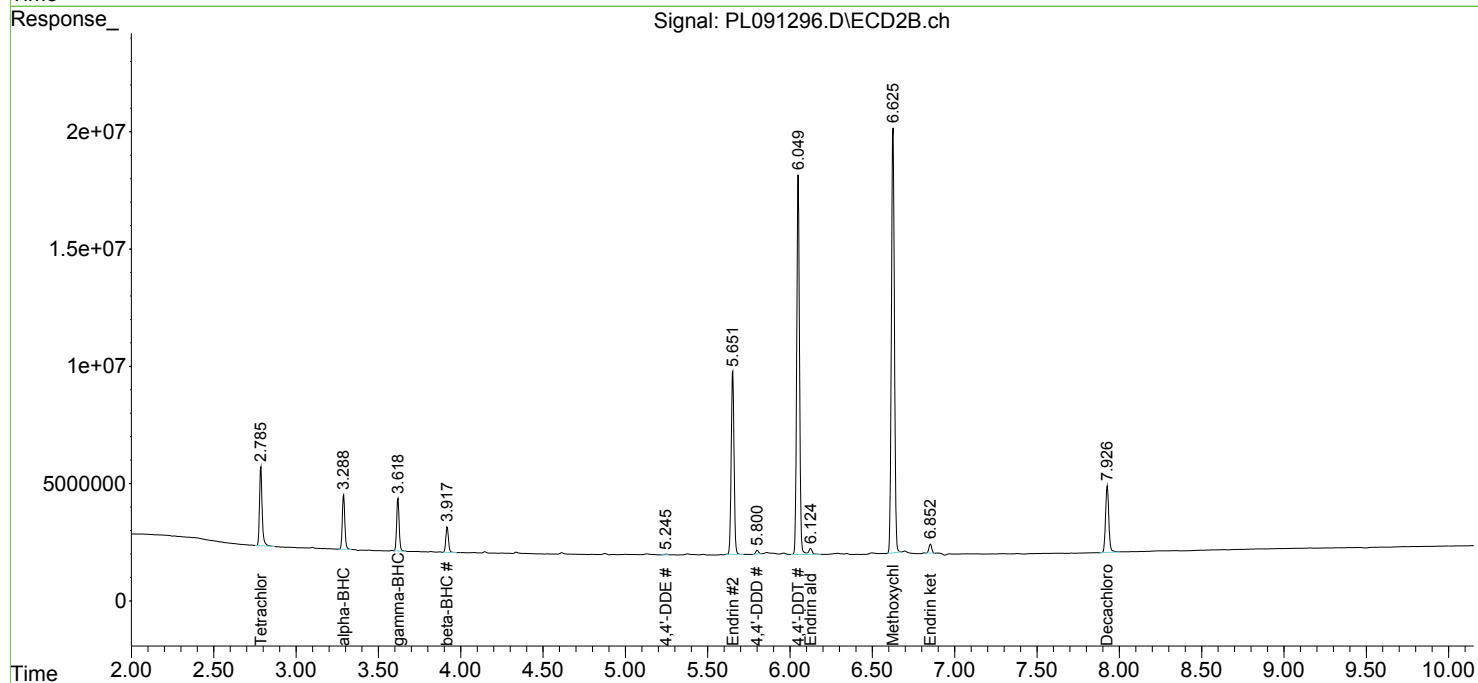
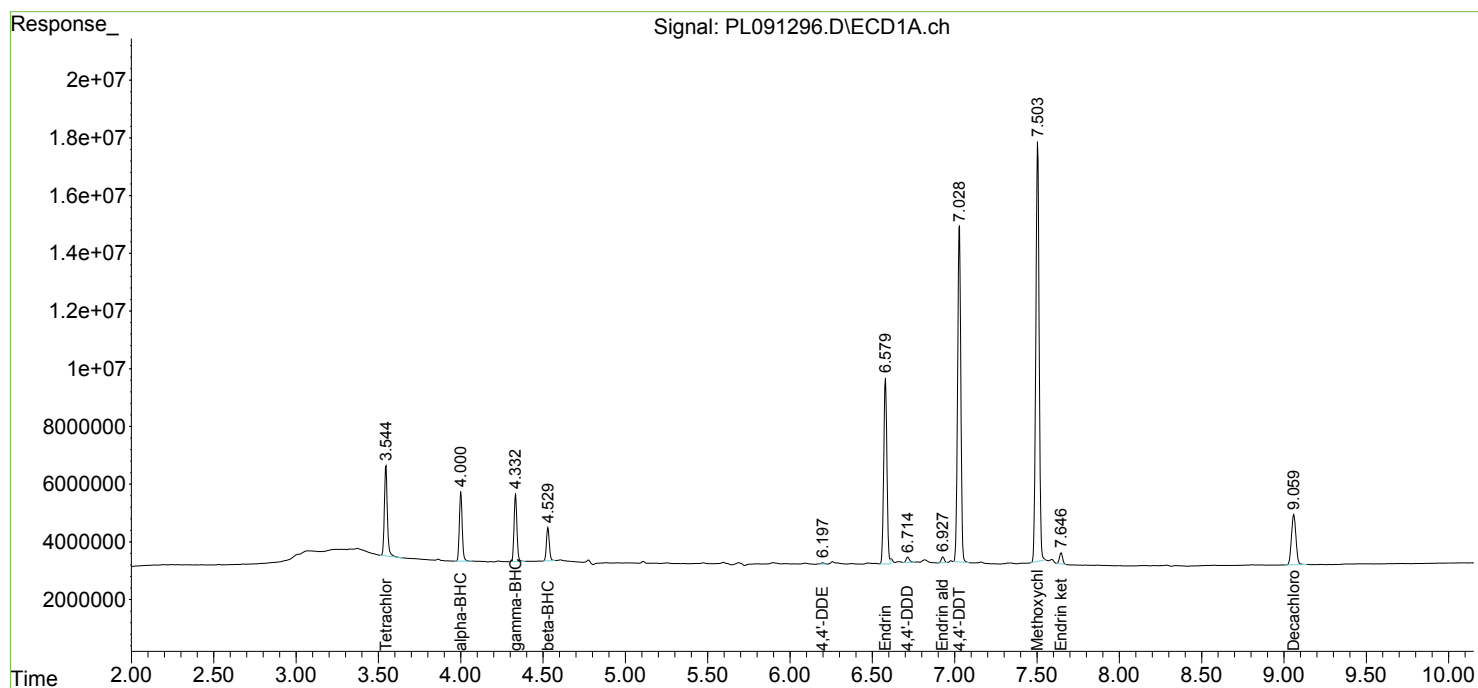
Instrument :
ECD_L
ClientSampleId :
PEM

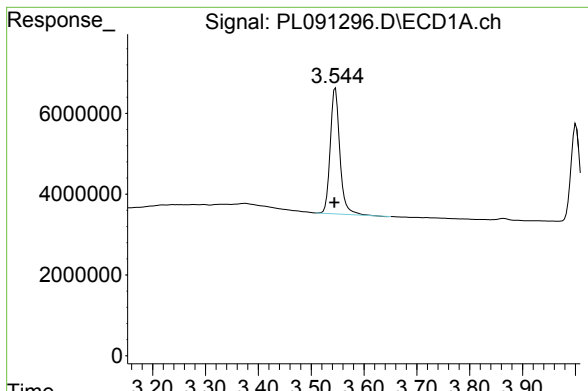
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Integration File signal 1: autoint1.e
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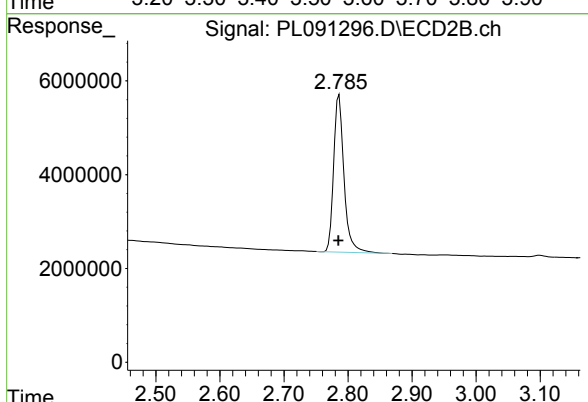
#1 Tetrachloro-m-xylene

R.T.: 3.546 min
Delta R.T.: 0.002 min
Response: 39227883
Conc: 18.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

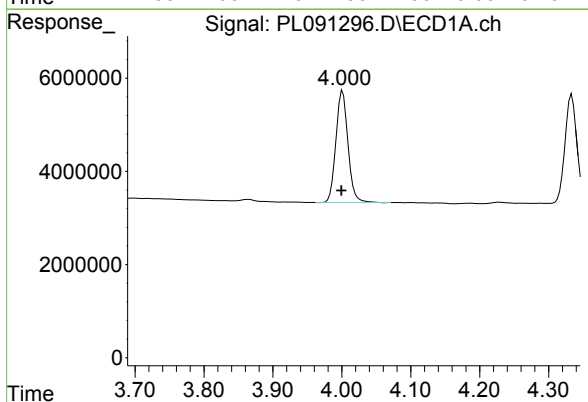
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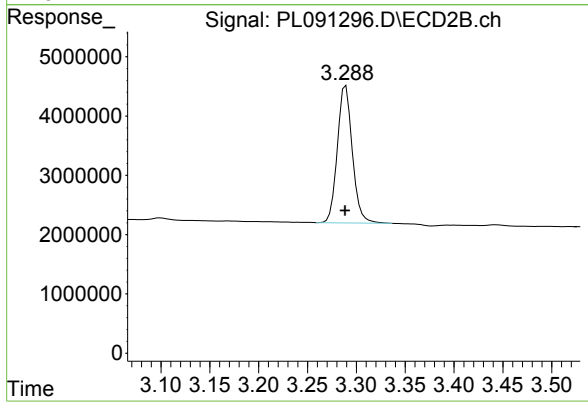
#1 Tetrachloro-m-xylene

R.T.: 2.786 min
Delta R.T.: 0.001 min
Response: 37579705
Conc: 19.25 ng/ml



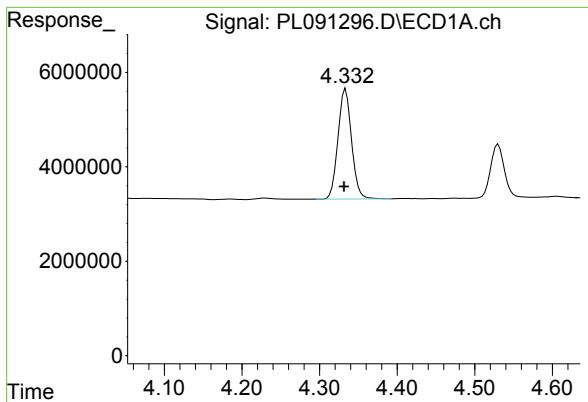
#2 alpha-BHC

R.T.: 4.001 min
Delta R.T.: 0.002 min
Response: 29126515
Conc: 9.72 ng/ml



#2 alpha-BHC

R.T.: 3.288 min
Delta R.T.: 0.000 min
Response: 24722772
Conc: 8.91 ng/ml m



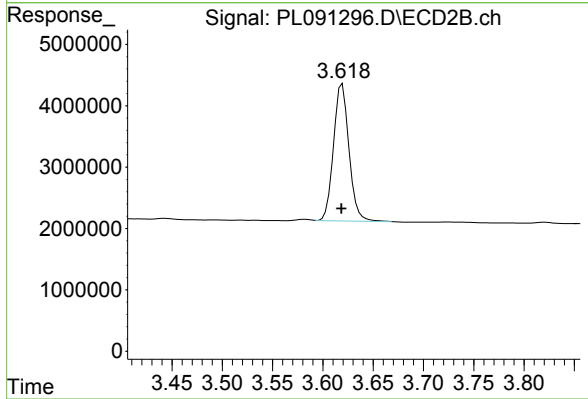
#3 gamma-BHC (Lindane)

R.T.: 4.334 min
Delta R.T.: 0.002 min
Response: 28386486
Conc: 9.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

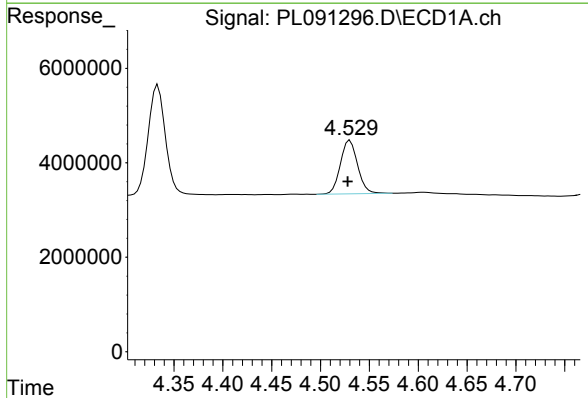
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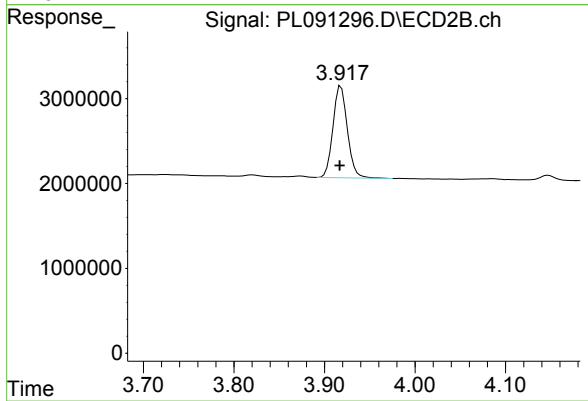
#3 gamma-BHC (Lindane)

R.T.: 3.618 min
Delta R.T.: 0.000 min
Response: 23809088
Conc: 9.04 ng/ml m



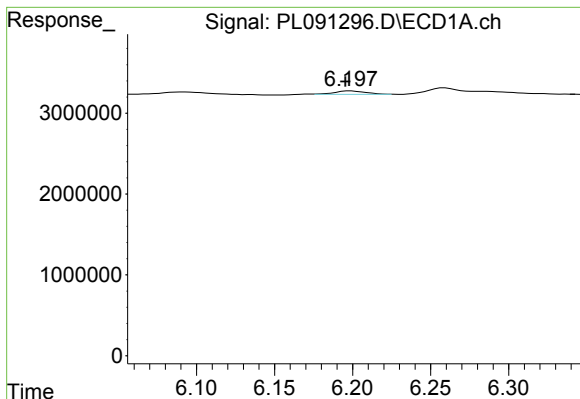
#6 beta-BHC

R.T.: 4.530 min
Delta R.T.: 0.003 min
Response: 13875478
Conc: 10.26 ng/ml



#6 beta-BHC

R.T.: 3.918 min
Delta R.T.: 0.001 min
Response: 12015475
Conc: 10.21 ng/ml



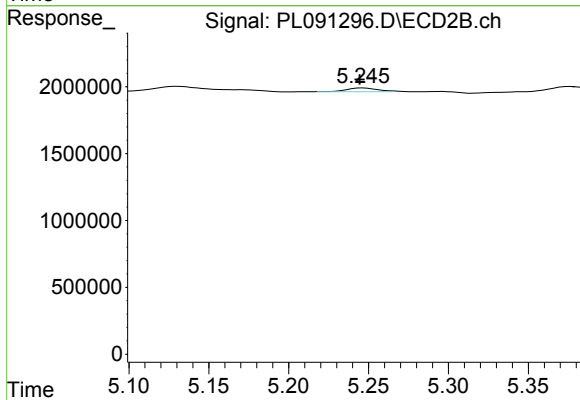
#12 4,4'-DDE

R.T.: 6.197 min
Delta R.T.: 0.002 min
Response: 569029
Conc: 0.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

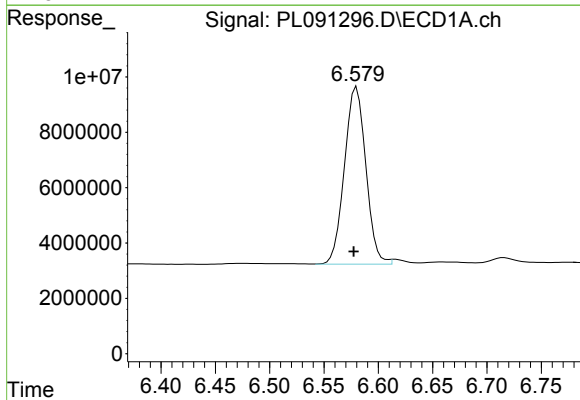
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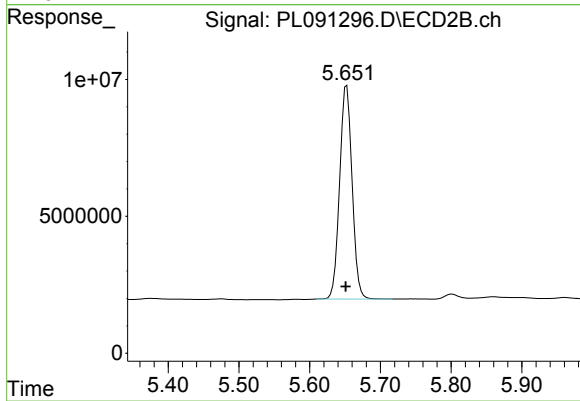
#12 4,4'-DDE

R.T.: 5.245 min
Delta R.T.: 0.000 min
Response: 366268
Conc: 0.18 ng/ml m



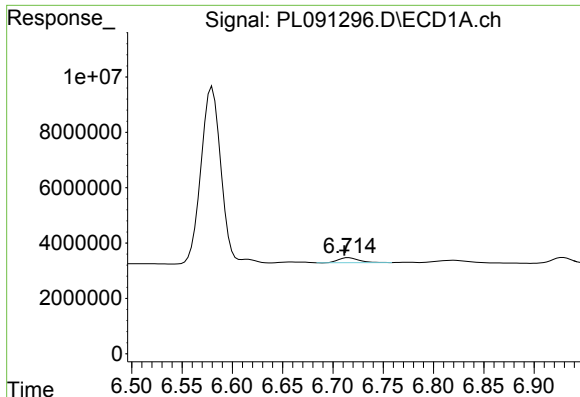
#14 Endrin

R.T.: 6.579 min
Delta R.T.: 0.001 min
Response: 87675689
Conc: 45.21 ng/ml m



#14 Endrin

R.T.: 5.652 min
Delta R.T.: 0.001 min
Response: 95454641
Conc: 46.86 ng/ml



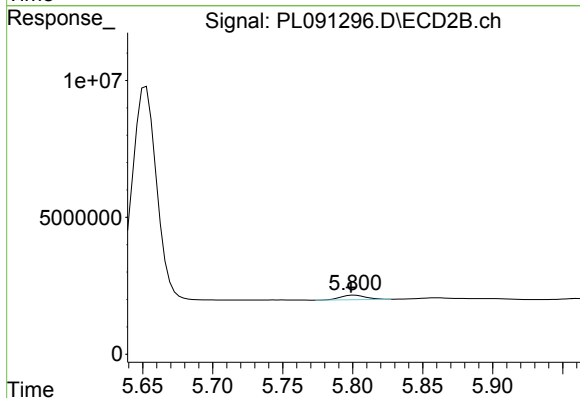
#16 4,4'-DDD

R.T.: 6.716 min
Delta R.T.: 0.005 min
Response: 2433319
Conc: 1.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

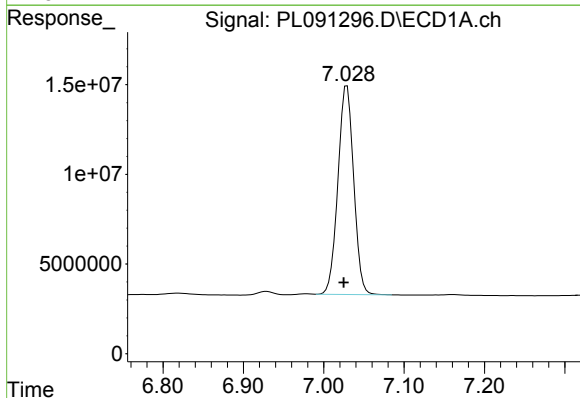
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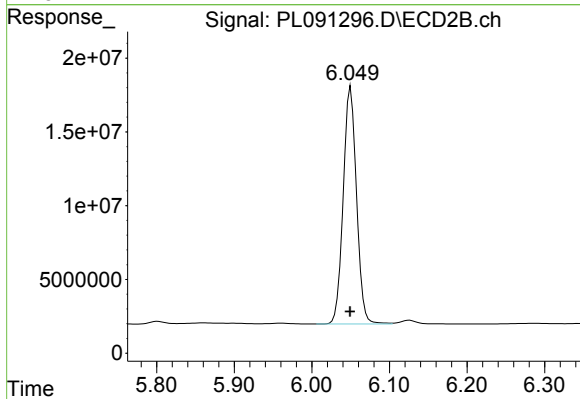
#16 4,4'-DDD

R.T.: 5.801 min
Delta R.T.: 0.003 min
Response: 2020536
Conc: 1.22 ng/ml



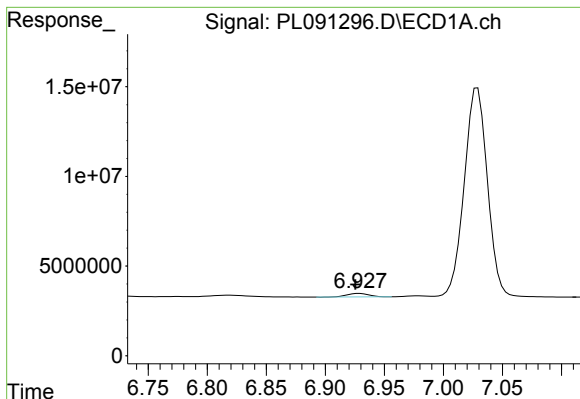
#17 4,4'-DDT

R.T.: 7.028 min
Delta R.T.: 0.003 min
Response: 158465640
Conc: 89.27 ng/ml m



#17 4,4'-DDT

R.T.: 6.049 min
Delta R.T.: 0.000 min
Response: 191889530
Conc: 108.02 ng/ml m



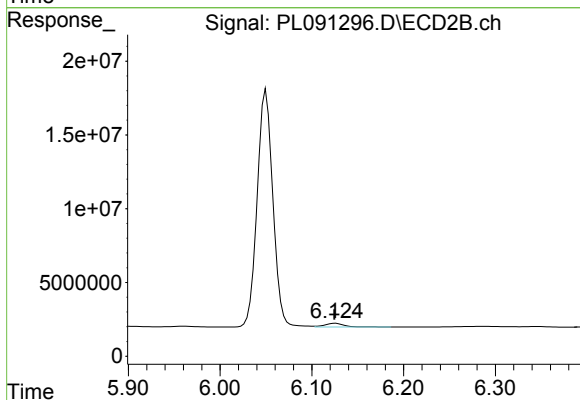
#18 Endrin aldehyde

R.T.: 6.929 min
Delta R.T.: 0.004 min
Response: 2574911
Conc: 1.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

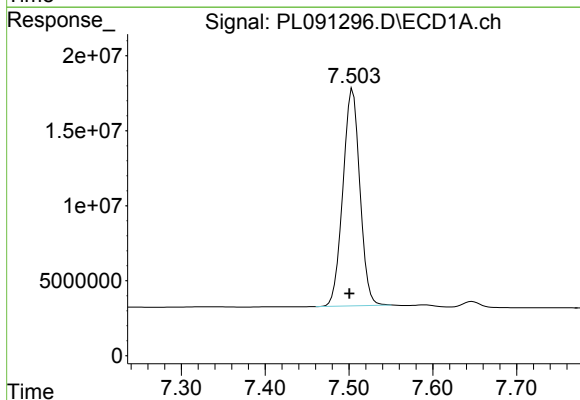
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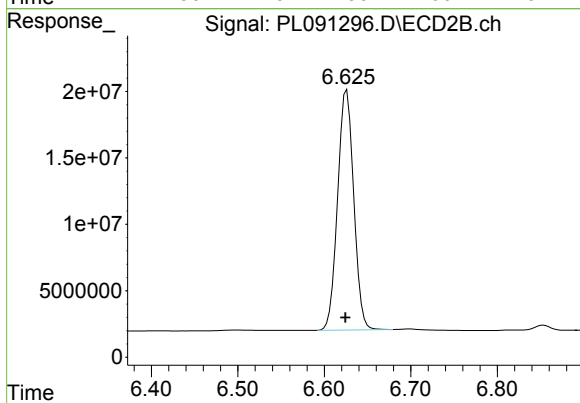
#18 Endrin aldehyde

R.T.: 6.126 min
Delta R.T.: 0.001 min
Response: 3668053
Conc: 2.35 ng/ml



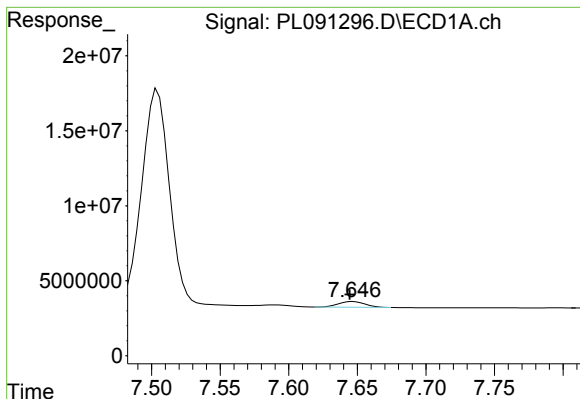
#20 Methoxychlor

R.T.: 7.504 min
Delta R.T.: 0.004 min
Response: 203866552
Conc: 216.82 ng/ml



#20 Methoxychlor

R.T.: 6.626 min
Delta R.T.: 0.002 min
Response: 232557636
Conc: 234.20 ng/ml



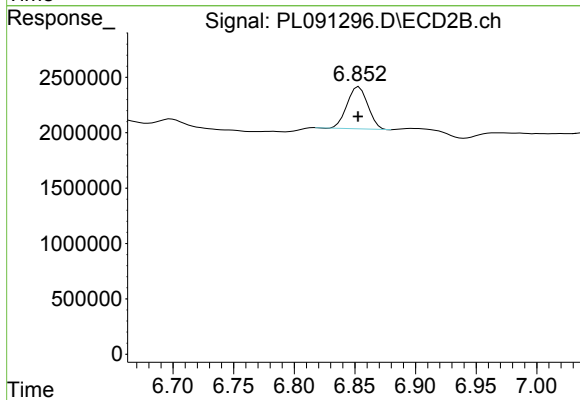
#21 Endrin ketone

R.T.: 7.646 min
Delta R.T.: 0.001 min
Response: 5126093
Conc: 2.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

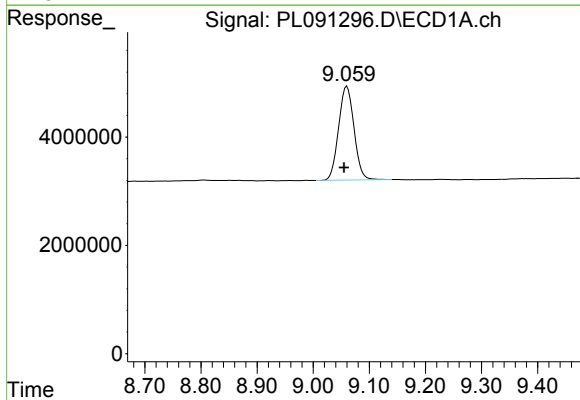
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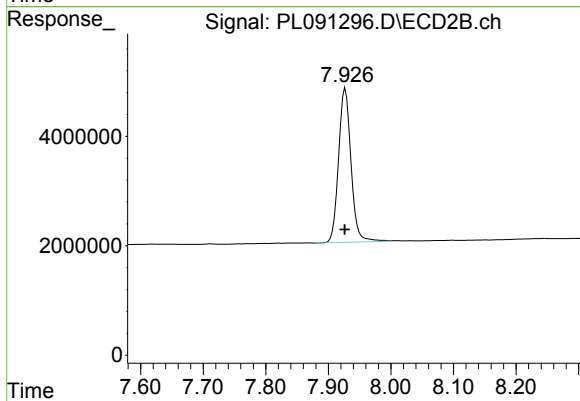
#21 Endrin ketone

R.T.: 6.853 min
Delta R.T.: 0.000 min
Response: 4540129
Conc: 2.08 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.060 min
Delta R.T.: 0.005 min
Response: 33067203
Conc: 21.69 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.927 min
Delta R.T.: 0.001 min
Response: 39028244
Conc: 20.61 ng/ml