

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL082624\
 Data File : PL091323.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Aug 2024 18:16
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 08/27/2024
 Supervised By :mohammad ahmed 08/28/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 27 02:10:48 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...	3.544	2.801	42736099	41890184	19.903	21.460
28)	SA Decachlor...	9.055	7.939	31456297	39120742	20.633	20.654
Target Compounds							
2)	A alpha-BHC	3.999	3.302	31339028	27587483	10.454	9.947m
3)	MA gamma-BHC...	4.331	3.633	29606265	26436920	10.321	10.037
6)	B beta-BHC	4.528	3.932	16130208	13299376	11.927	11.299
12)	B 4,4'-DDE	6.191	5.258	248198	124326	0.119m	0.060m#
14)	MA Endrin	6.575	5.665	89800473	101.9E6	46.307m	50.014
16)	A 4,4'-DDD	6.712	5.812	3050550	2333034	2.018	1.413 #
17)	MA 4,4'-DDT	7.025	6.063	164.3E6	203.7E6	92.557	114.662
18)	B Endrin al...	6.925	6.138	2336750	2995395	1.464	1.923 #
20)	A Methoxychlor	7.501	6.638	214.1E6	252.7E6	227.685	254.483
21)	B Endrin ke...	7.643	6.865	5352281	5100900	2.549	2.342

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

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Acq On : 26 Aug 2024 18:16
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

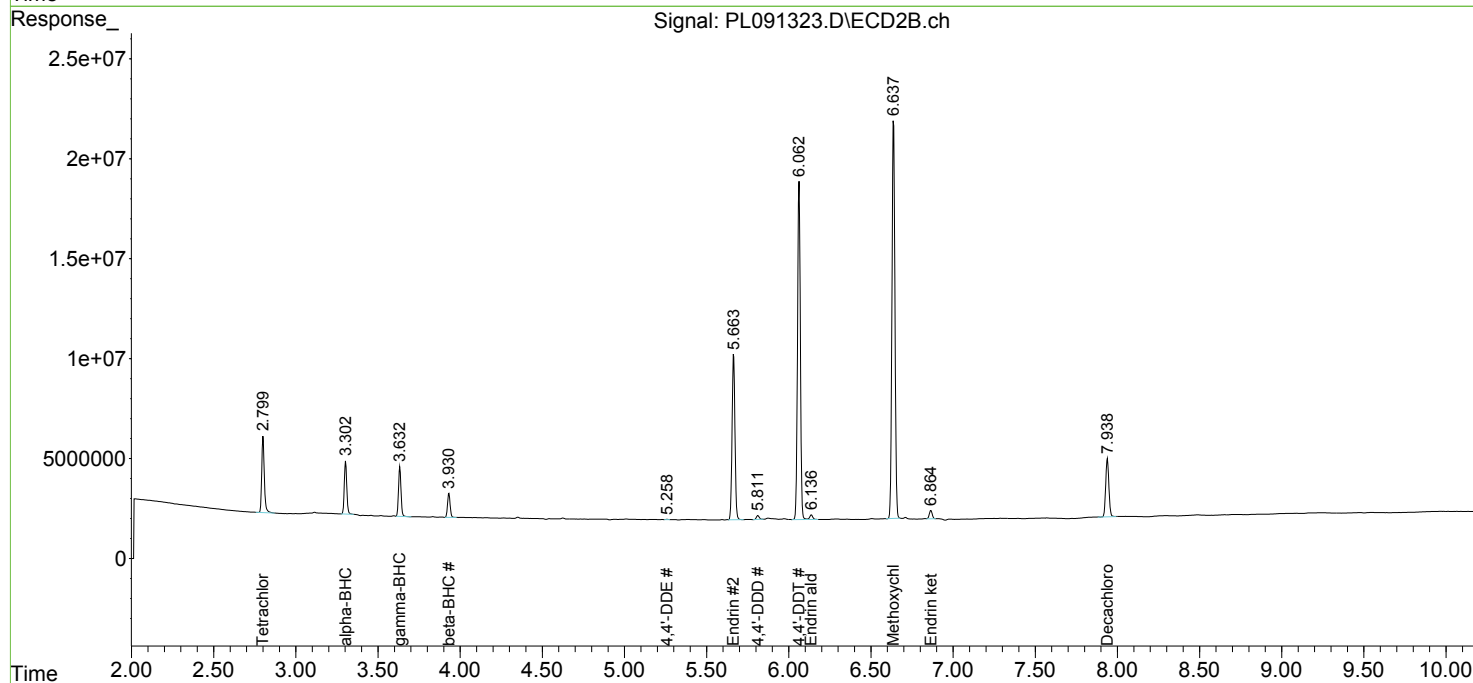
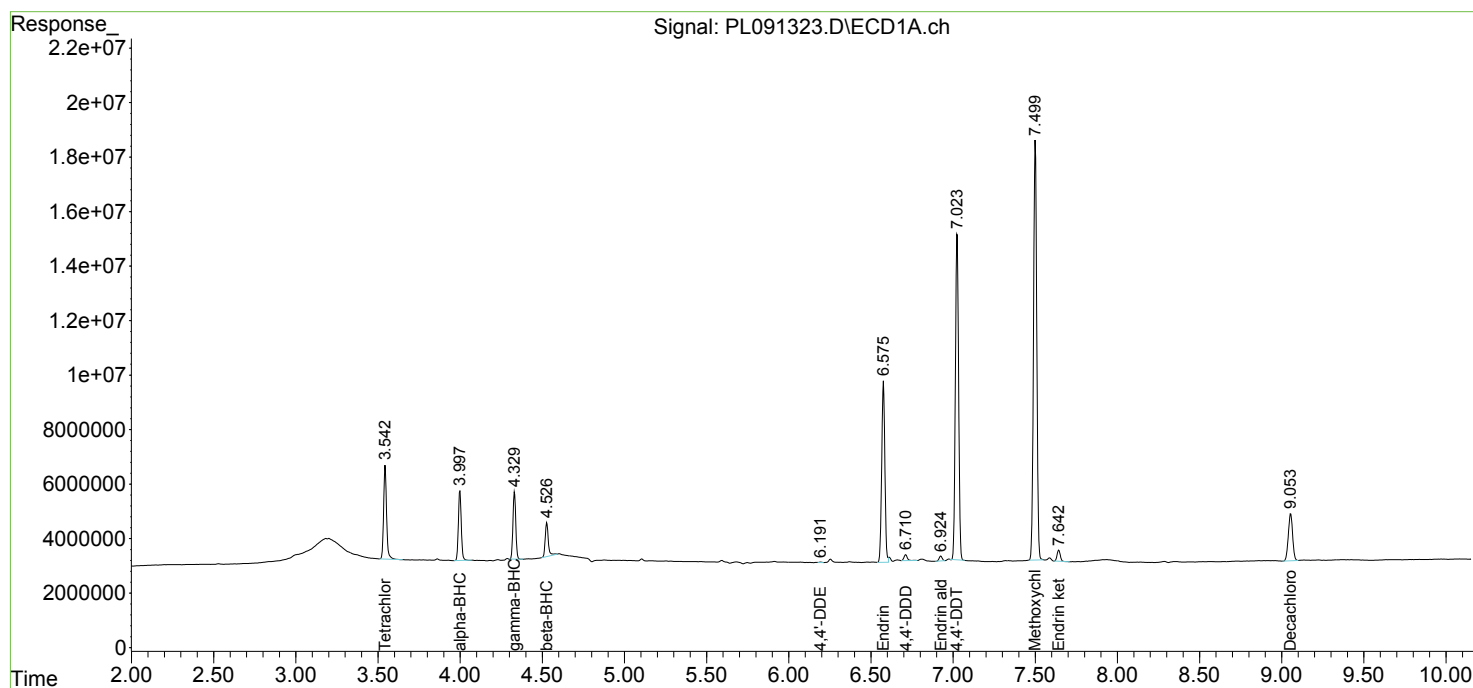
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ECD_L
ClientSampleId :
PEM

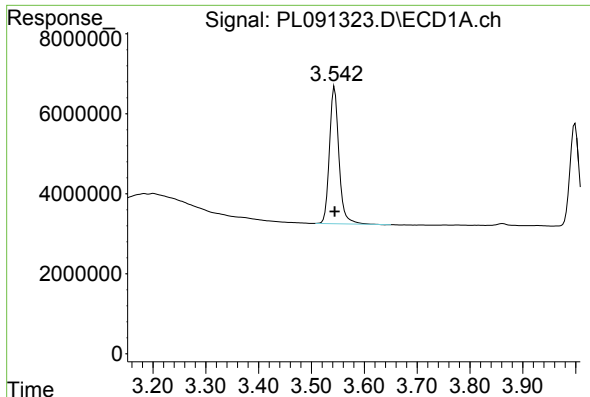
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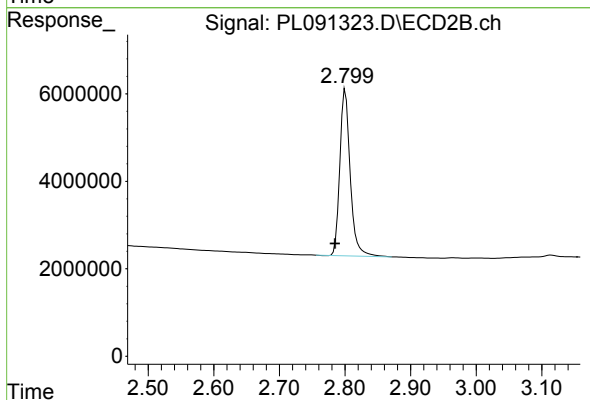
#1 Tetrachloro-m-xylene

R.T.: 3.544 min
Delta R.T.: 0.000 min
Response: 42736099
Conc: 19.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

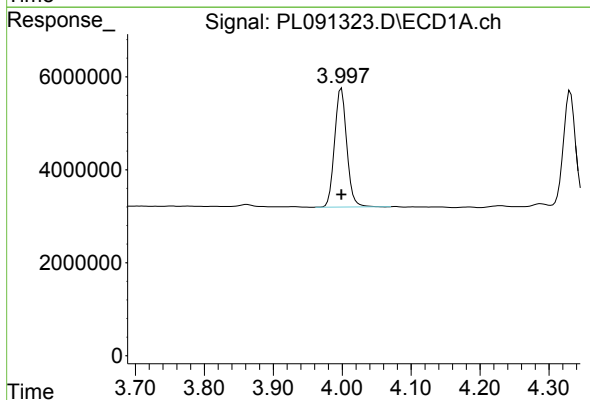
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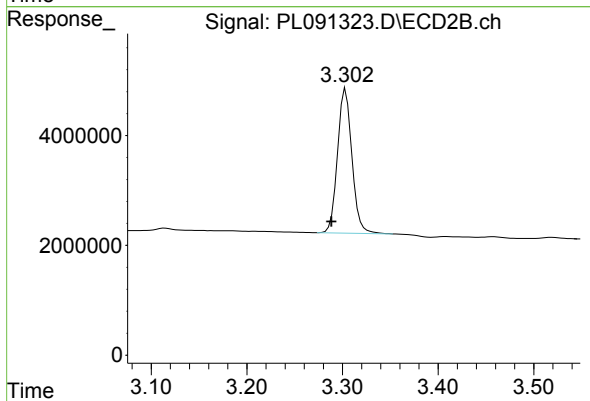
#1 Tetrachloro-m-xylene

R.T.: 2.801 min
Delta R.T.: 0.016 min
Response: 41890184
Conc: 21.46 ng/ml



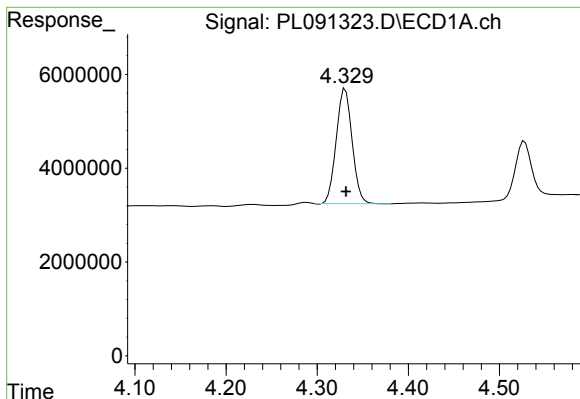
#2 alpha-BHC

R.T.: 3.999 min
Delta R.T.: 0.000 min
Response: 31339028
Conc: 10.45 ng/ml



#2 alpha-BHC

R.T.: 3.302 min
Delta R.T.: 0.013 min
Response: 27587483
Conc: 9.95 ng/ml m



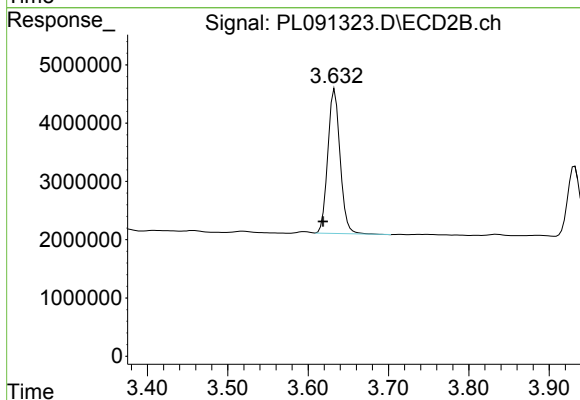
#3 gamma-BHC (Lindane)

R.T.: 4.331 min
Delta R.T.: 0.000 min
Response: 29606265
Conc: 10.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

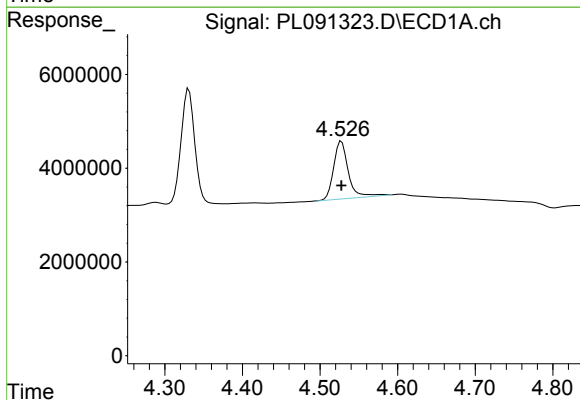
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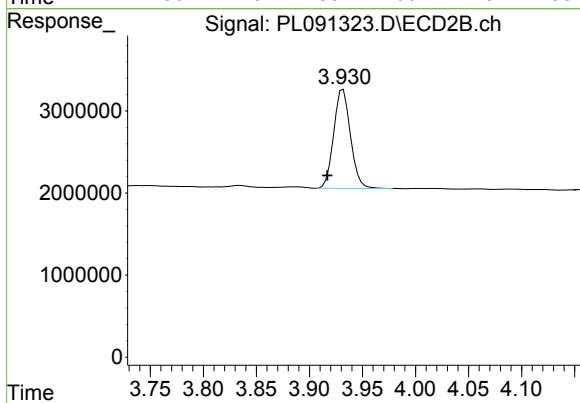
#3 gamma-BHC (Lindane)

R.T.: 3.633 min
Delta R.T.: 0.015 min
Response: 26436920
Conc: 10.04 ng/ml



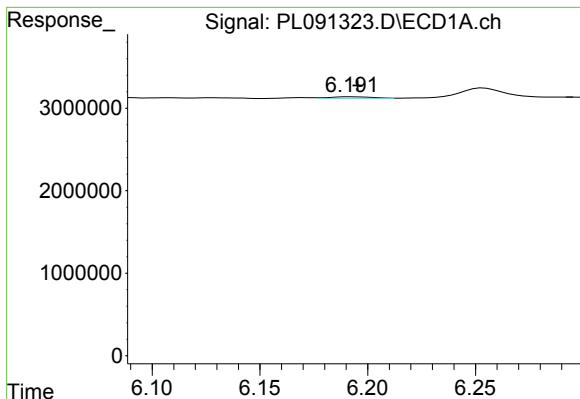
#6 beta-BHC

R.T.: 4.528 min
Delta R.T.: 0.000 min
Response: 16130208
Conc: 11.93 ng/ml



#6 beta-BHC

R.T.: 3.932 min
Delta R.T.: 0.015 min
Response: 13299376
Conc: 11.30 ng/ml



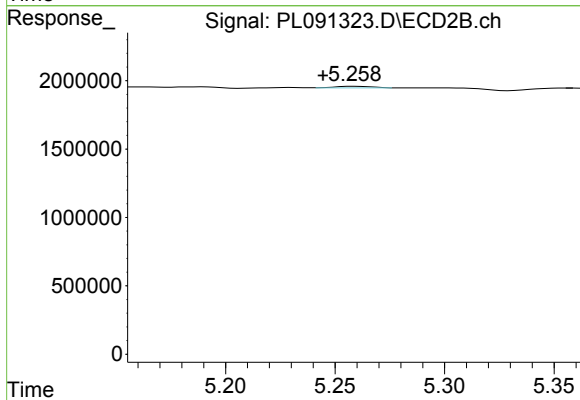
#12 4,4'-DDE

R.T.: 6.191 min
Delta R.T.: -0.004 min
Response: 248198
Conc: 0.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

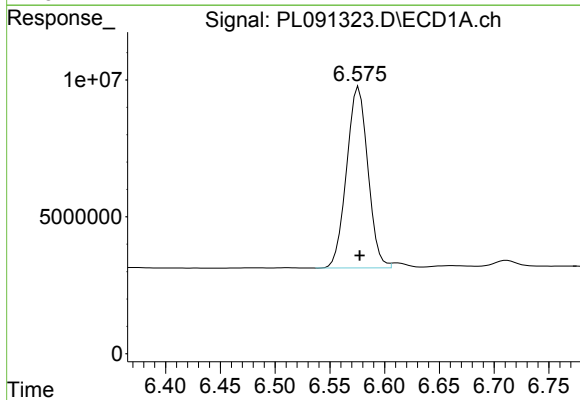
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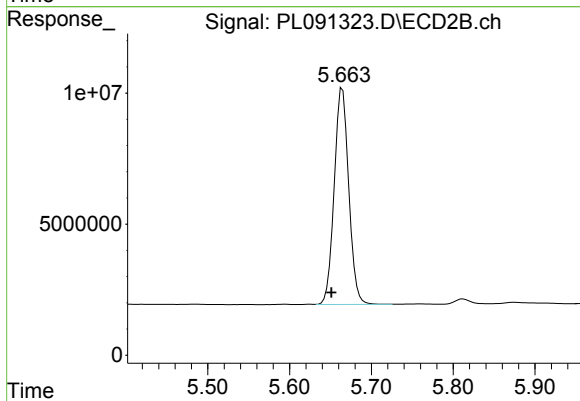
#12 4,4'-DDE

R.T.: 5.258 min
Delta R.T.: 0.013 min
Response: 124326
Conc: 0.06 ng/ml m



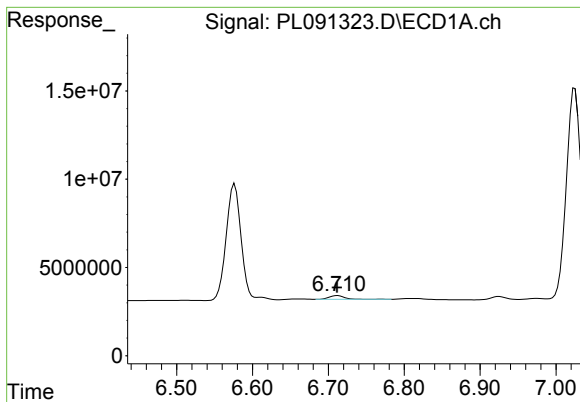
#14 Endrin

R.T.: 6.575 min
Delta R.T.: -0.002 min
Response: 89800473
Conc: 46.31 ng/ml m



#14 Endrin

R.T.: 5.665 min
Delta R.T.: 0.014 min
Response: 101886423
Conc: 50.01 ng/ml



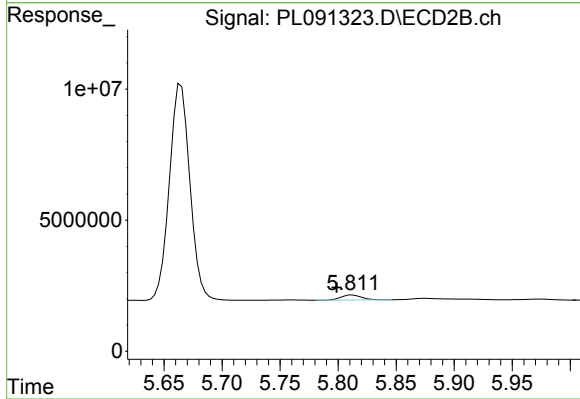
#16 4,4'-DDD

R.T.: 6.712 min
Delta R.T.: 0.000 min
Response: 3050550
Conc: 2.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

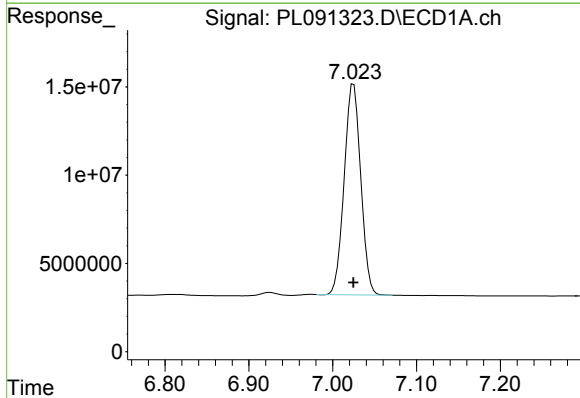
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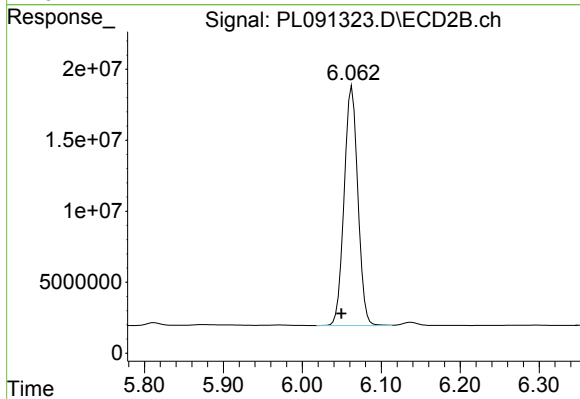
#16 4,4'-DDD

R.T.: 5.812 min
Delta R.T.: 0.013 min
Response: 2333034
Conc: 1.41 ng/ml



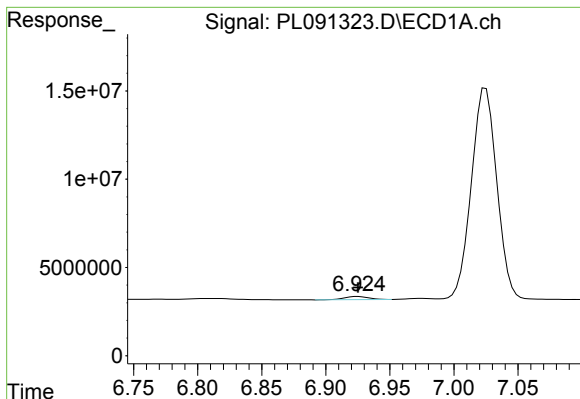
#17 4,4'-DDT

R.T.: 7.025 min
Delta R.T.: 0.000 min
Response: 164296595
Conc: 92.56 ng/ml



#17 4,4'-DDT

R.T.: 6.063 min
Delta R.T.: 0.013 min
Response: 203685892
Conc: 114.66 ng/ml



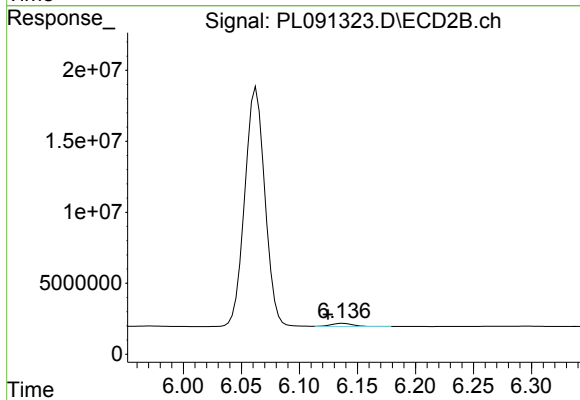
#18 Endrin aldehyde

R.T.: 6.925 min
Delta R.T.: 0.000 min
Response: 2336750
Conc: 1.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

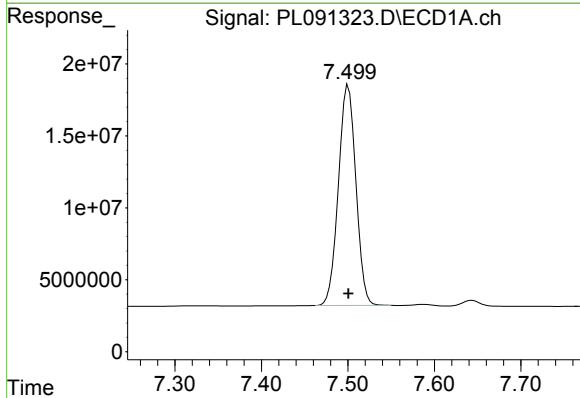
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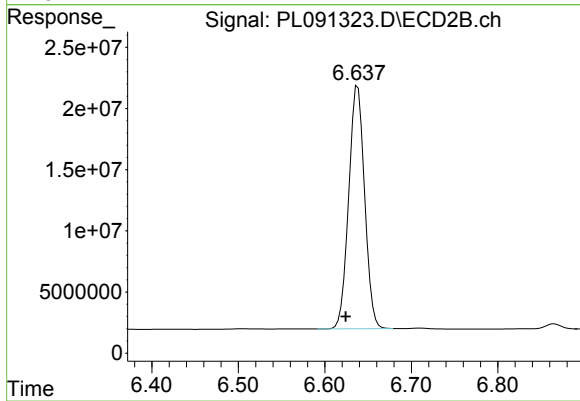
#18 Endrin aldehyde

R.T.: 6.138 min
Delta R.T.: 0.013 min
Response: 2995395
Conc: 1.92 ng/ml



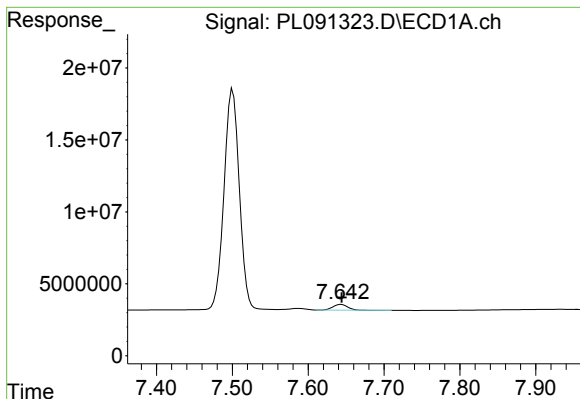
#20 Methoxychlor

R.T.: 7.501 min
Delta R.T.: 0.000 min
Response: 214084242
Conc: 227.69 ng/ml



#20 Methoxychlor

R.T.: 6.638 min
Delta R.T.: 0.014 min
Response: 252696947
Conc: 254.48 ng/ml



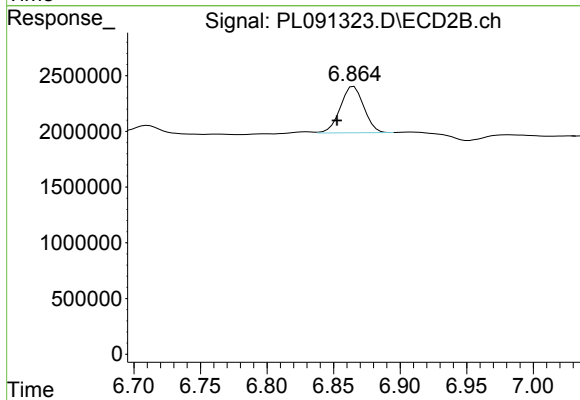
#21 Endrin ketone

R.T.: 7.643 min
Delta R.T.: 0.000 min
Response: 5352281
Conc: 2.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

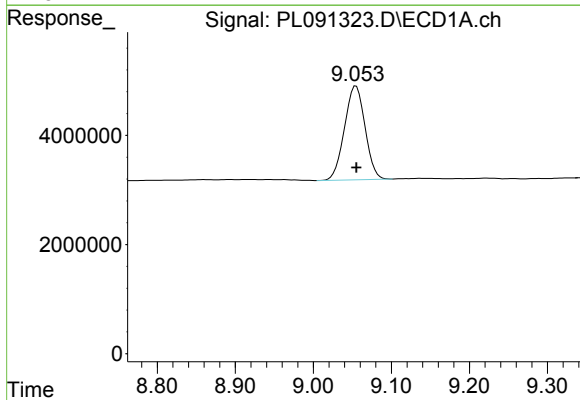
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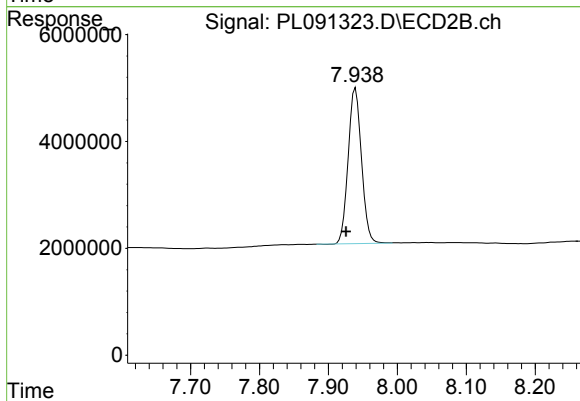
#21 Endrin ketone

R.T.: 6.865 min
Delta R.T.: 0.013 min
Response: 5100900
Conc: 2.34 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.055 min
Delta R.T.: 0.000 min
Response: 31456297
Conc: 20.63 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.939 min
Delta R.T.: 0.013 min
Response: 39120742
Conc: 20.65 ng/ml