

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL052624\
 Data File : PL089739.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 May 2024 15:01
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 05/28/2024
 Supervised By :Ankita Jodhani 05/28/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 26 18:36:18 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL052424.M
 Quant Title : GC Extractables
 QLast Update : Fri May 24 14:57:01 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...	3.550	2.795	43553603	28448728	20.802	19.841
28)	SA Decachlor...	9.063	7.942	31132257	28763508	21.173	19.356
Target Compounds							
2)	A alpha-BHC	4.005	3.299	32060717	18953110	10.753	8.866
3)	MA gamma-BHC...	4.337	3.629	30844491	18264603	10.613	8.733m
6)	B beta-BHC	4.532	3.927	14963081	9497045	11.456	10.381
12)	B 4,4'-DDE	6.202	5.259	1100801	356438	0.506	0.213 #
14)	MA Endrin	6.584	5.665	86958543	72176964	43.253	44.065
16)	A 4,4'-DDD	6.718	5.812	3217929	1557005	1.837	1.105 #
17)	MA 4,4'-DDT	7.032	6.063	162.0E6	148.9E6	87.987	98.019
18)	B Endrin al...	6.932	6.138	2983794	2316617	1.925	1.909
20)	A Methoxychlor	7.507	6.638	206.0E6	190.8E6	209.718	214.488
21)	B Endrin ke...	7.650	6.866	5783760	4455667	2.747	2.445

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

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Acq On : 26 May 2024 15:01
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

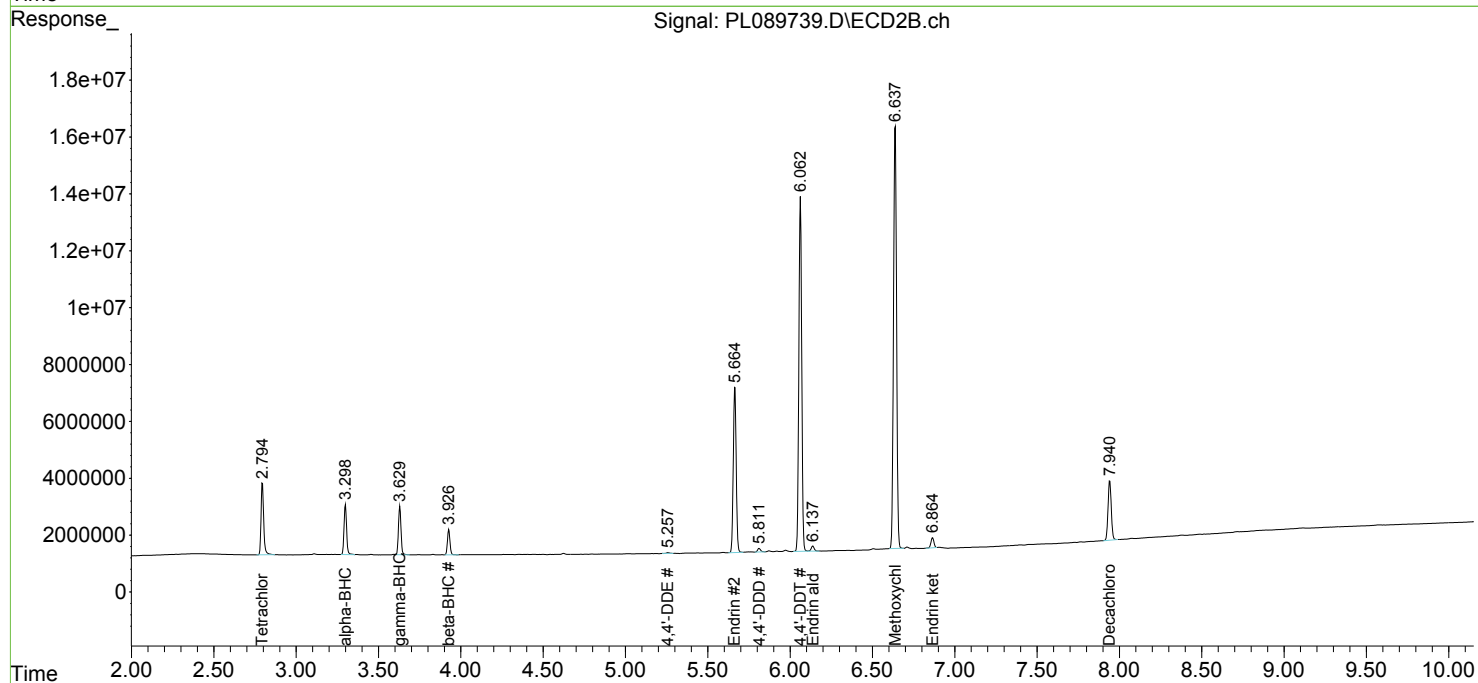
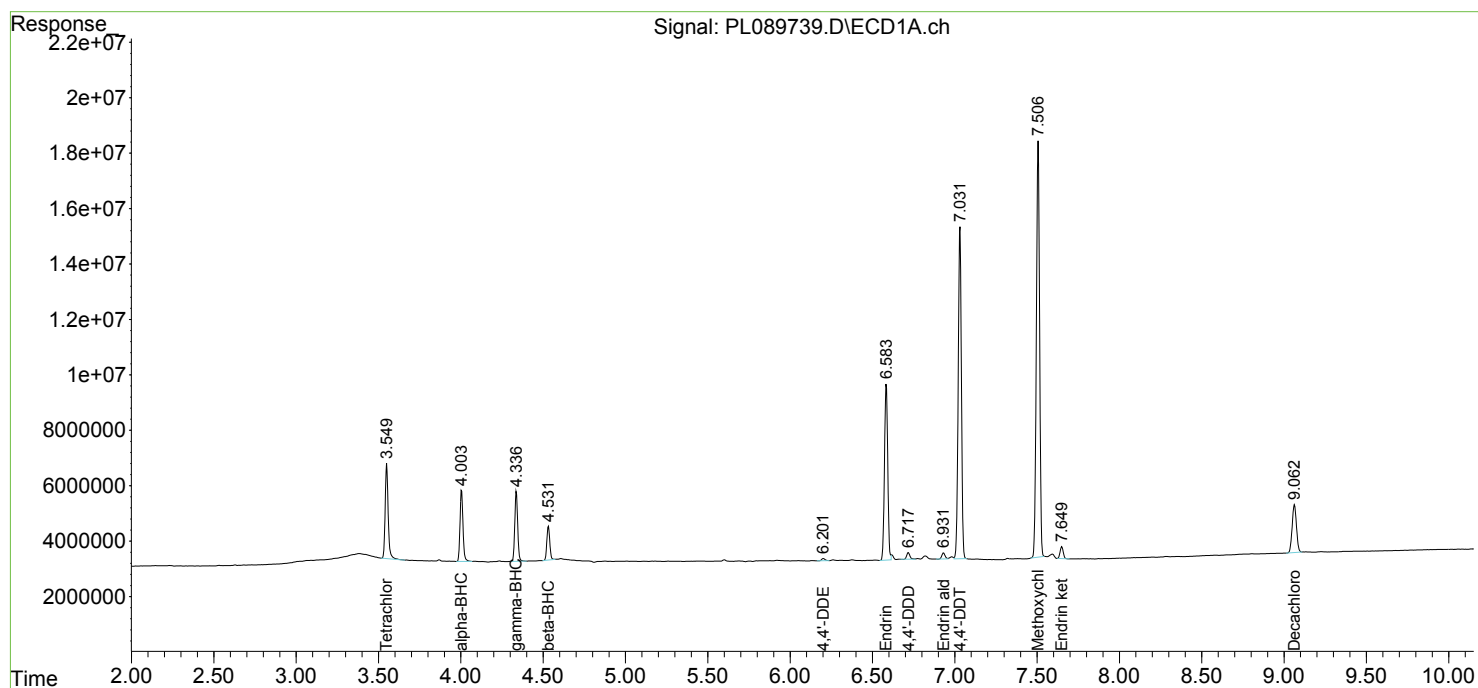
Instrument :
ECD_L
ClientSampleId :
PEM

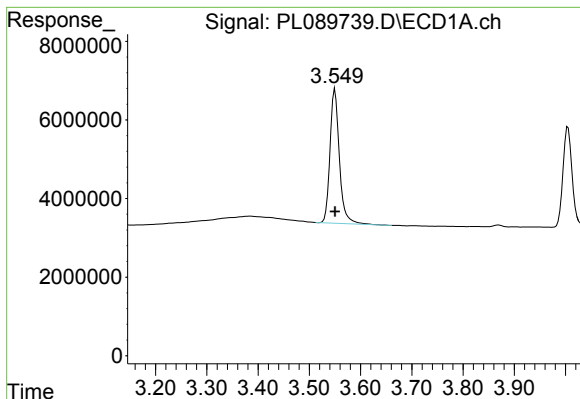
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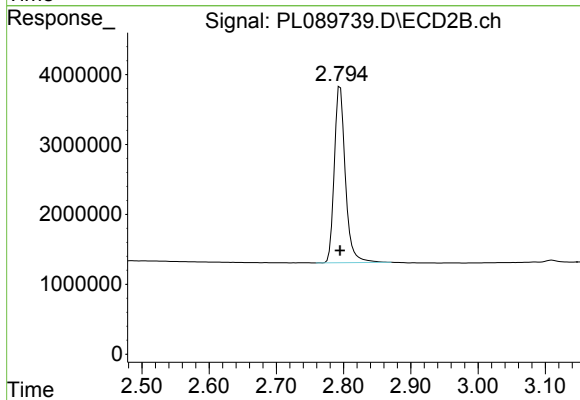
#1 Tetrachloro-m-xylene

R.T.: 3.550 min
Delta R.T.: 0.000 min
Response: 43553603
Conc: 20.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

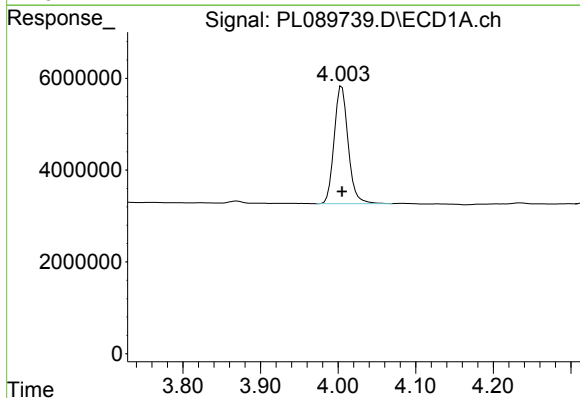
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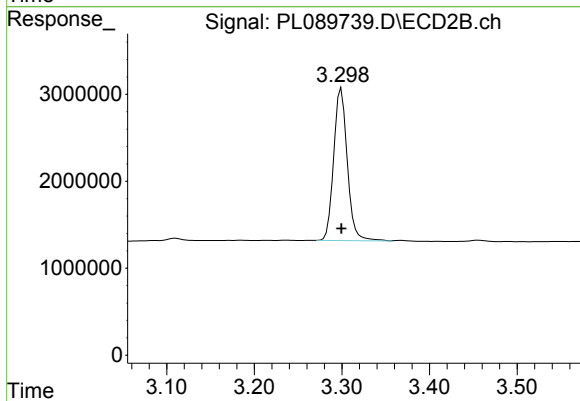
#1 Tetrachloro-m-xylene

R.T.: 2.795 min
Delta R.T.: 0.000 min
Response: 28448728
Conc: 19.84 ng/ml



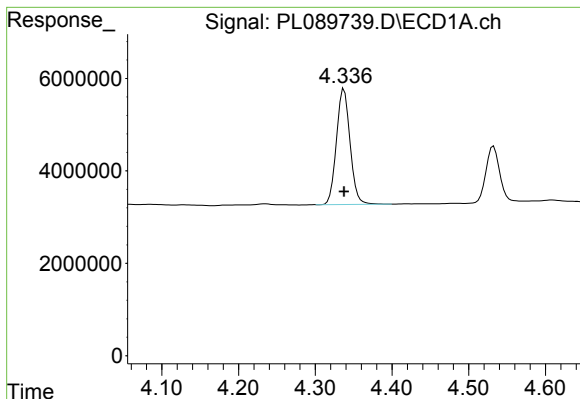
#2 alpha-BHC

R.T.: 4.005 min
Delta R.T.: 0.000 min
Response: 32060717
Conc: 10.75 ng/ml



#2 alpha-BHC

R.T.: 3.299 min
Delta R.T.: 0.000 min
Response: 18953110
Conc: 8.87 ng/ml



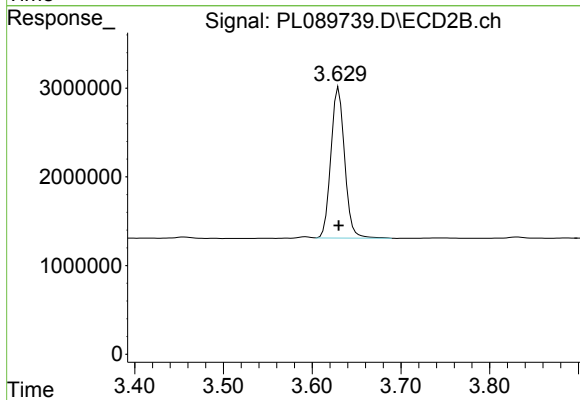
#3 gamma-BHC (Lindane)

R.T.: 4.337 min
Delta R.T.: 0.000 min
Response: 30844491
Conc: 10.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

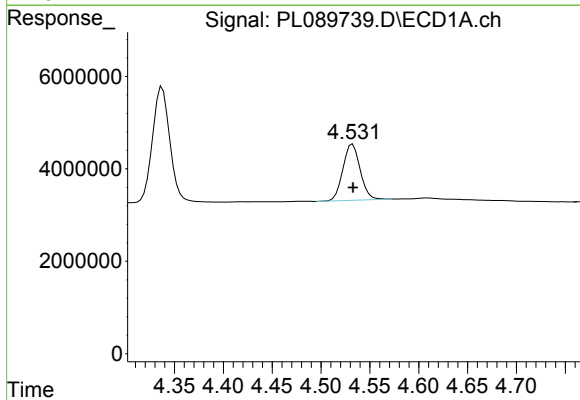
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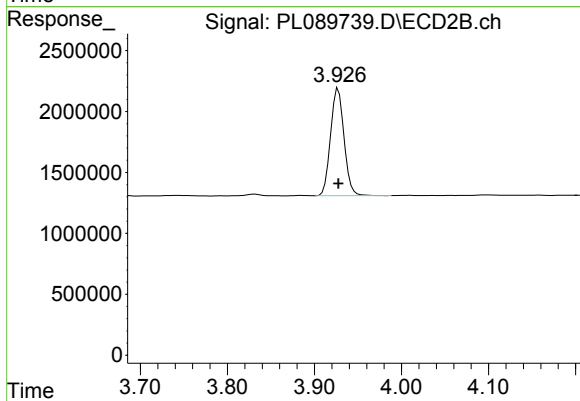
#3 gamma-BHC (Lindane)

R.T.: 3.629 min
Delta R.T.: -0.002 min
Response: 18264603
Conc: 8.73 ng/ml m



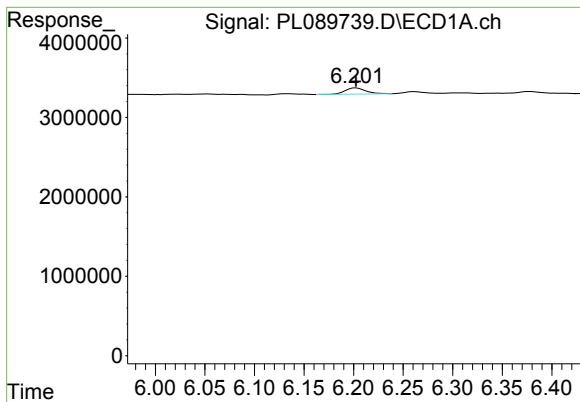
#6 beta-BHC

R.T.: 4.532 min
Delta R.T.: 0.000 min
Response: 14963081
Conc: 11.46 ng/ml



#6 beta-BHC

R.T.: 3.927 min
Delta R.T.: 0.000 min
Response: 9497045
Conc: 10.38 ng/ml



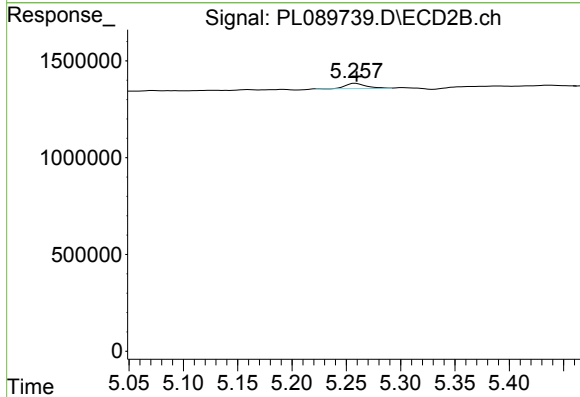
#12 4,4'-DDE

R.T.: 6.202 min
Delta R.T.: 0.000 min
Response: 1100801
Conc: 0.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

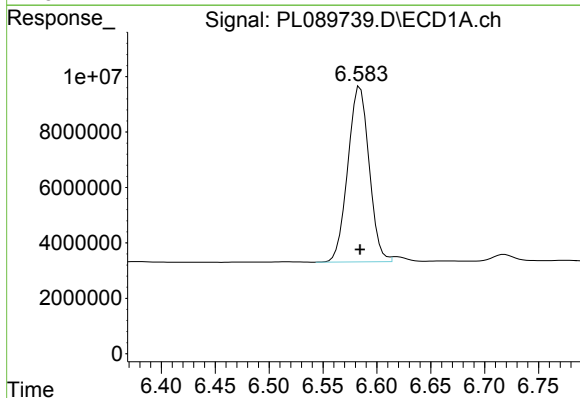
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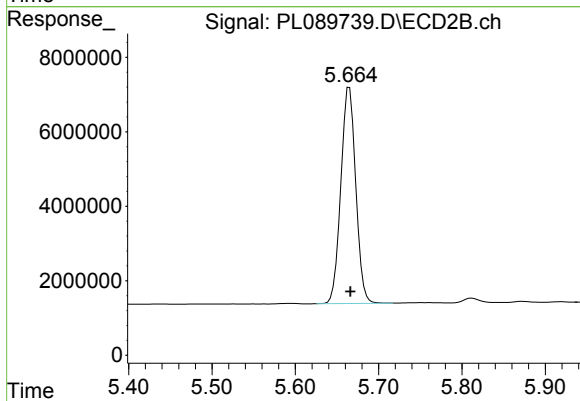
#12 4,4'-DDE

R.T.: 5.259 min
Delta R.T.: 0.000 min
Response: 356438
Conc: 0.21 ng/ml



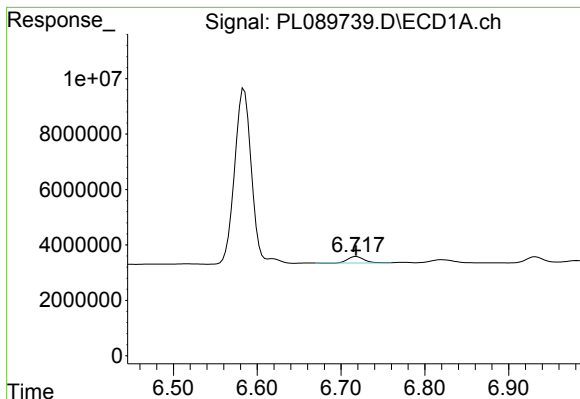
#14 Endrin

R.T.: 6.584 min
Delta R.T.: 0.000 min
Response: 86958543
Conc: 43.25 ng/ml



#14 Endrin

R.T.: 5.665 min
Delta R.T.: -0.001 min
Response: 72176964
Conc: 44.06 ng/ml



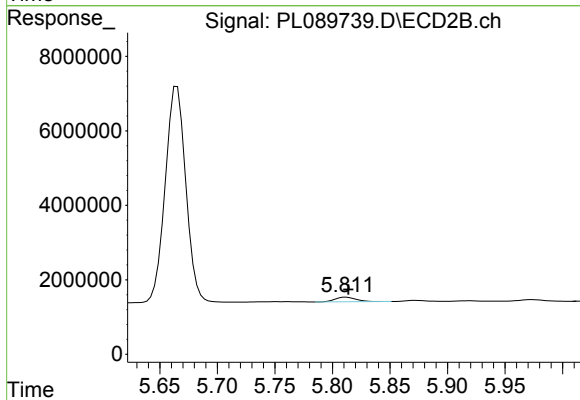
#16 4,4'-DDD

R.T.: 6.718 min
Delta R.T.: 0.000 min
Response: 3217929
Conc: 1.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

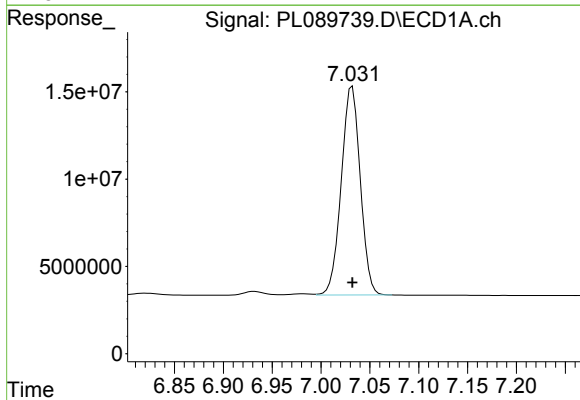
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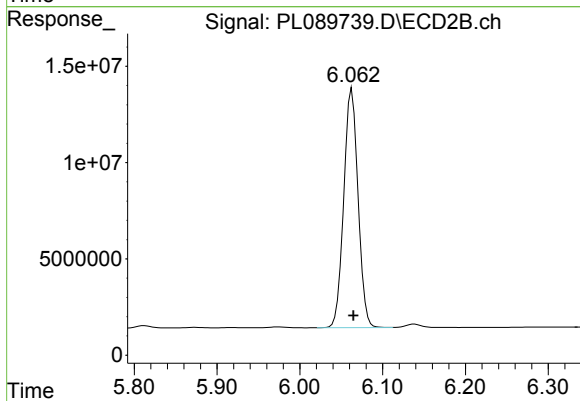
#16 4,4'-DDD

R.T.: 5.812 min
Delta R.T.: -0.002 min
Response: 1557005
Conc: 1.10 ng/ml



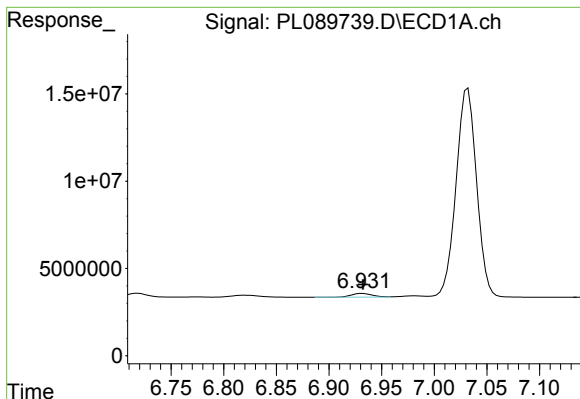
#17 4,4'-DDT

R.T.: 7.032 min
Delta R.T.: 0.000 min
Response: 161991642
Conc: 87.99 ng/ml



#17 4,4'-DDT

R.T.: 6.063 min
Delta R.T.: -0.002 min
Response: 148851416
Conc: 98.02 ng/ml



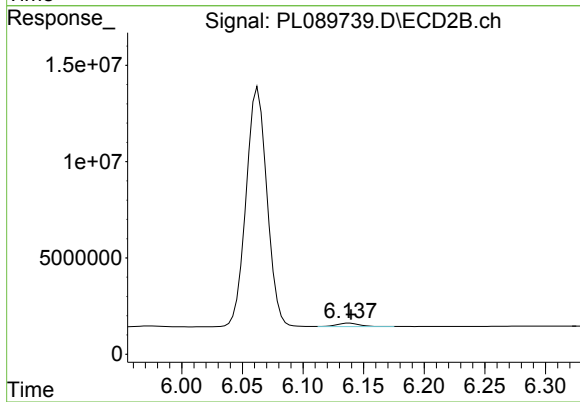
#18 Endrin aldehyde

R.T.: 6.932 min
Delta R.T.: 0.000 min
Response: 2983794
Conc: 1.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

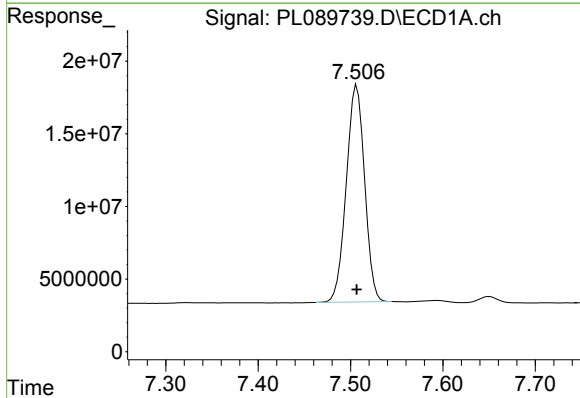
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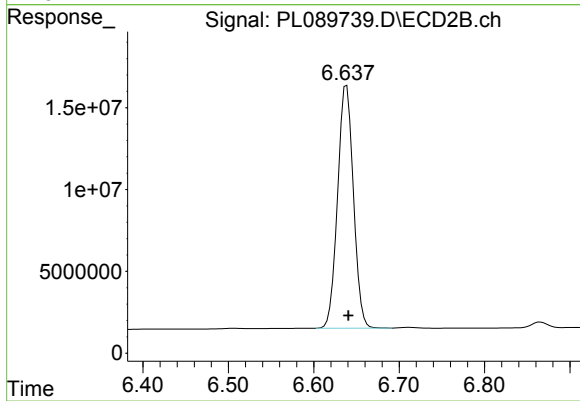
#18 Endrin aldehyde

R.T.: 6.138 min
Delta R.T.: -0.001 min
Response: 2316617
Conc: 1.91 ng/ml



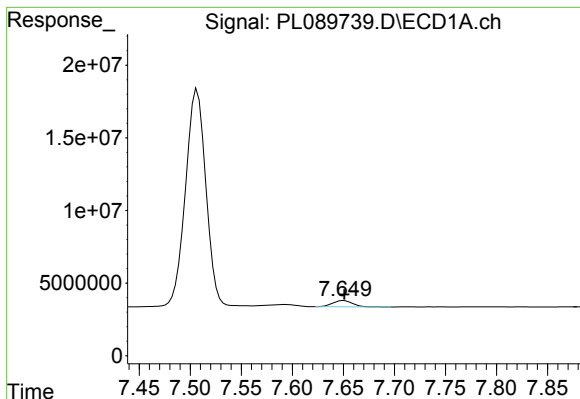
#20 Methoxychlor

R.T.: 7.507 min
Delta R.T.: 0.000 min
Response: 205980572
Conc: 209.72 ng/ml



#20 Methoxychlor

R.T.: 6.638 min
Delta R.T.: -0.002 min
Response: 190804556
Conc: 214.49 ng/ml



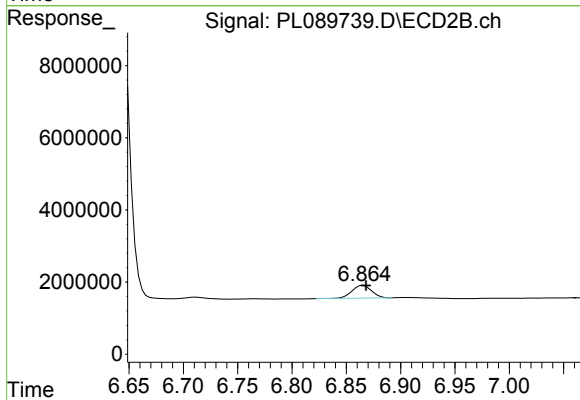
#21 Endrin ketone

R.T.: 7.650 min
Delta R.T.: 0.000 min
Response: 5783760
Conc: 2.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

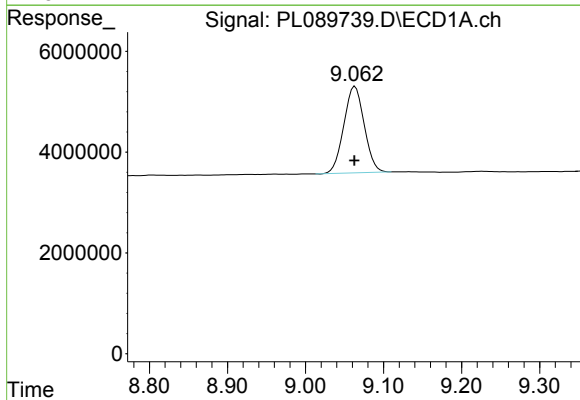
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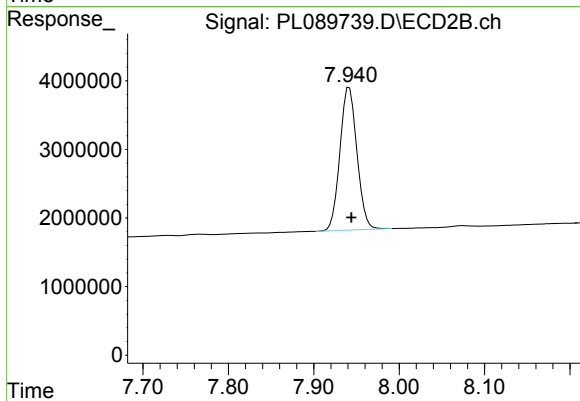
#21 Endrin ketone

R.T.: 6.866 min
Delta R.T.: -0.003 min
Response: 4455667
Conc: 2.45 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.063 min
Delta R.T.: 0.000 min
Response: 31132257
Conc: 21.17 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.942 min
Delta R.T.: -0.002 min
Response: 28763508
Conc: 19.36 ng/ml