

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042224\
 Data File : PL089106.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Apr 2024 11:24
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/23/2024
 Supervised By :Ankita Jodhani 04/23/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 23 04:30:59 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL041524.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 15 18:43:22 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...	3.553	2.798	44611215	27035742	20.990	20.284
28)	SA Decachlor...	9.066	7.951	27643196	26946512	21.702	20.123
Target Compounds							
2)	A alpha-BHC	4.009	3.303	32806883	18080696	10.972	9.139
3)	MA gamma-BHC...	4.341	3.634	30728707	17022224	10.651	8.849
6)	B beta-BHC	4.534	3.931	14656356	8990595	10.922m	10.757
12)	B 4,4'-DDE	6.205	5.267	1298511	355674	0.646m	0.242 #
14)	MA Endrin	6.587	5.672	88868881	71278077	47.287	49.044
16)	A 4,4'-DDD	6.723	5.821	1950833	749042	1.210	0.619 #
17)	MA 4,4'-DDT	7.035	6.071	163.2E6	147.7E6	89.560	112.658 #
18)	B Endrin al...	6.935	6.146	2742539	2127614	1.874	1.936
20)	A Methoxychlor	7.509	6.647	211.7E6	194.3E6	240.221	259.974
21)	B Endrin ke...	7.653	6.874	5012041	2749234	2.599	1.737 #

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

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Acq On : 22 Apr 2024 11:24
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

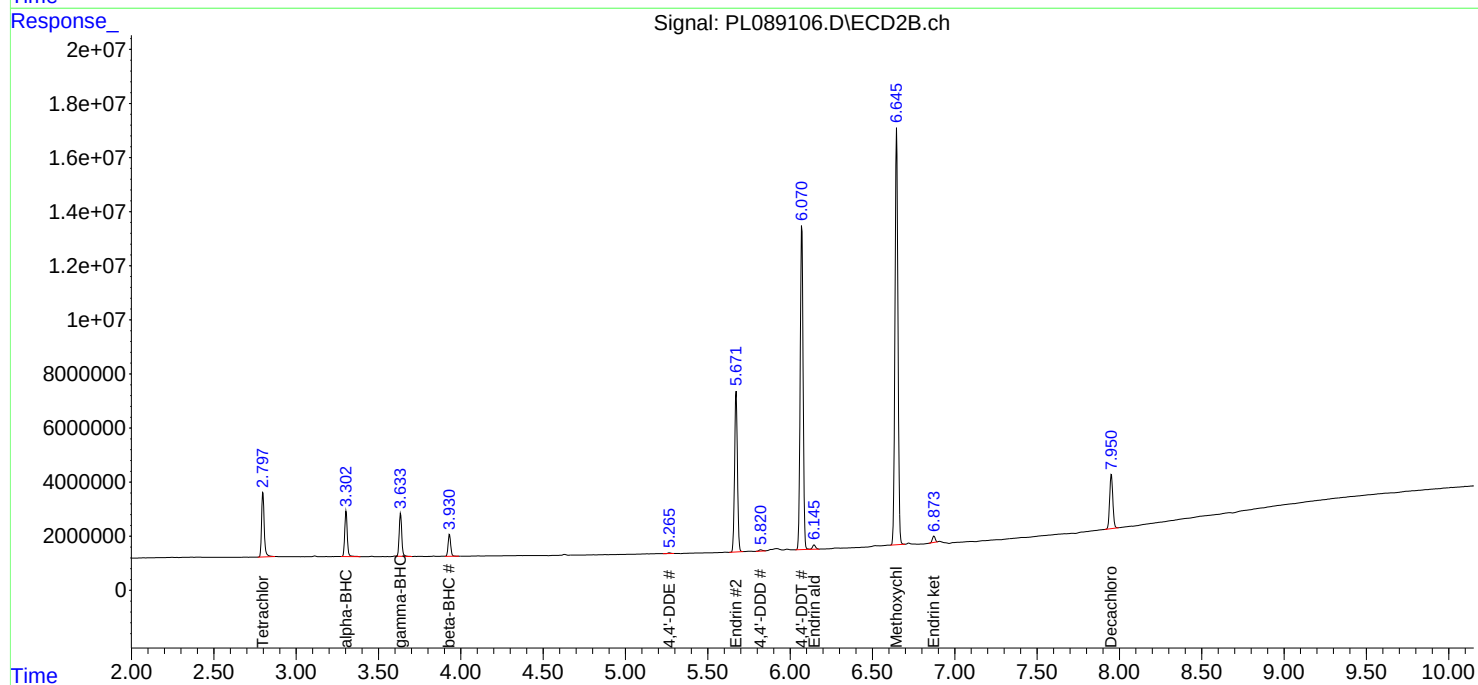
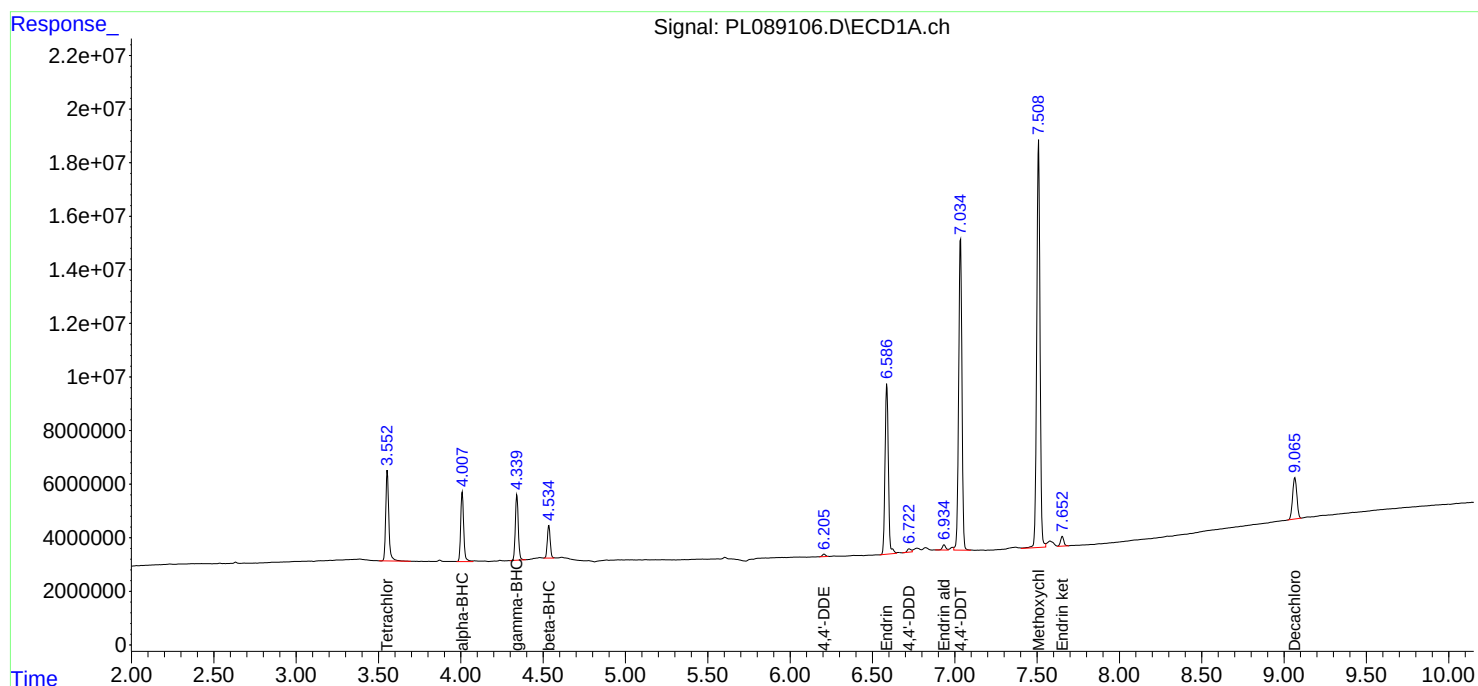
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PEM

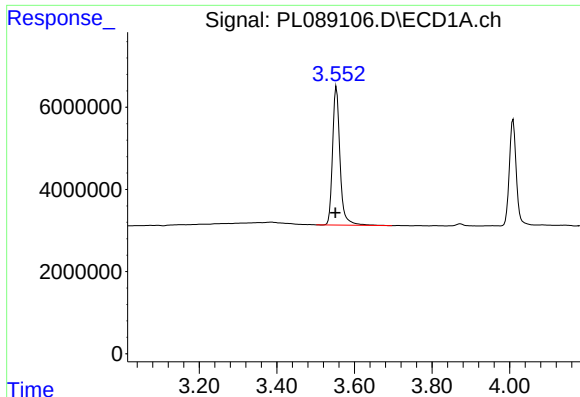
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
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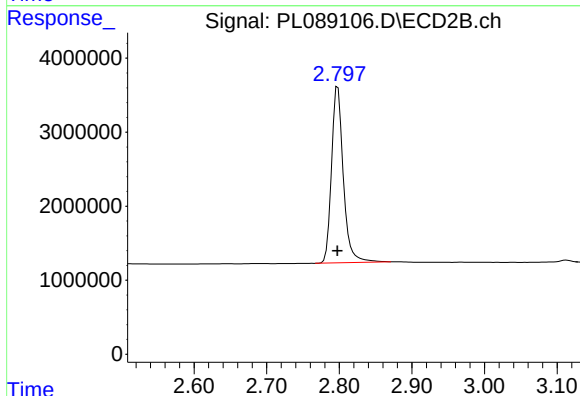
#1 Tetrachloro-m-xylene

R.T.: 3.553 min
Delta R.T.: 0.002 min
Response: 44611215
Conc: 20.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

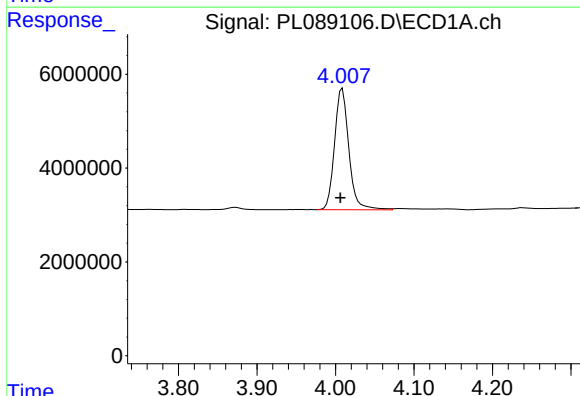
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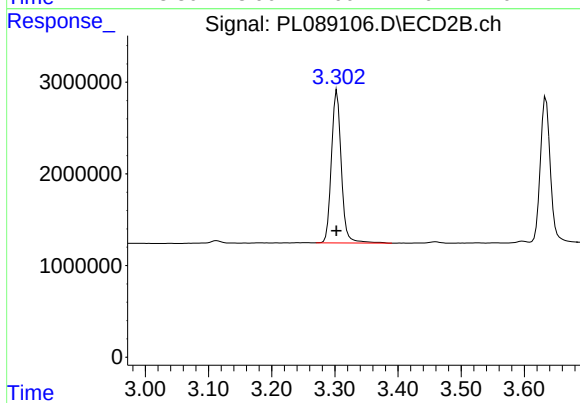
#1 Tetrachloro-m-xylene

R.T.: 2.798 min
Delta R.T.: 0.000 min
Response: 27035742
Conc: 20.28 ng/ml



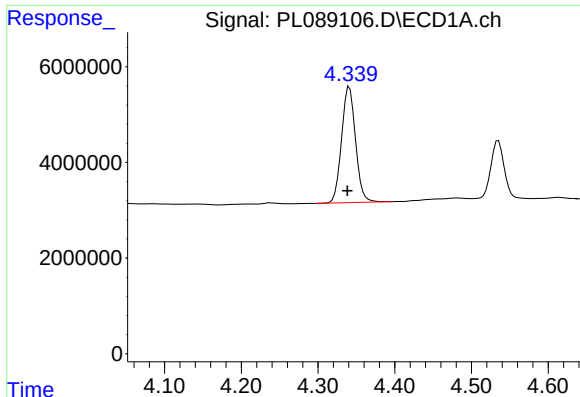
#2 alpha-BHC

R.T.: 4.009 min
Delta R.T.: 0.003 min
Response: 32806883
Conc: 10.97 ng/ml



#2 alpha-BHC

R.T.: 3.303 min
Delta R.T.: 0.000 min
Response: 18080696
Conc: 9.14 ng/ml



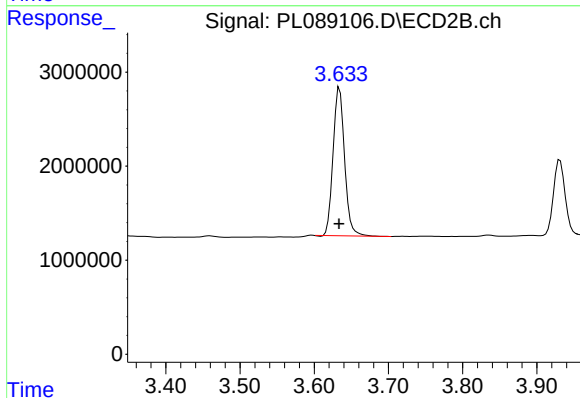
#3 gamma-BHC (Lindane)

R.T.: 4.341 min
Delta R.T.: 0.002 min
Response: 30728707
Conc: 10.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

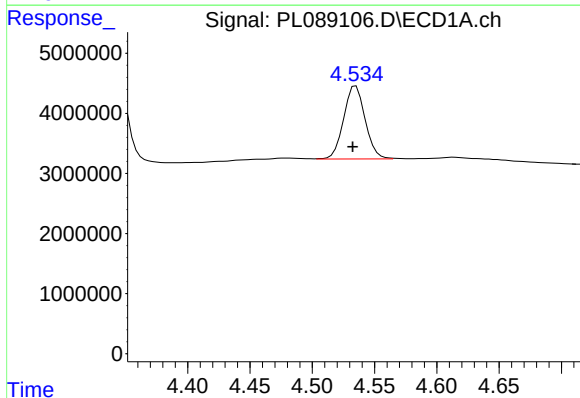
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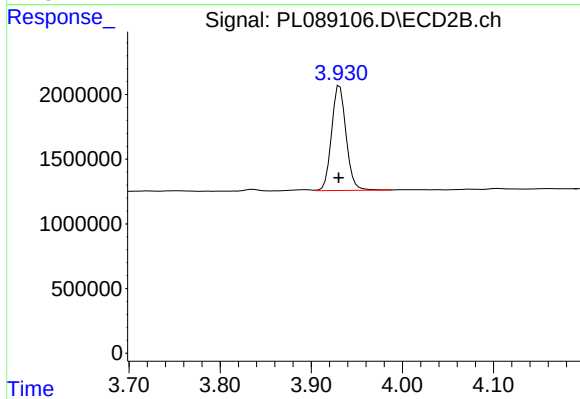
#3 gamma-BHC (Lindane)

R.T.: 3.634 min
Delta R.T.: 0.000 min
Response: 17022224
Conc: 8.85 ng/ml



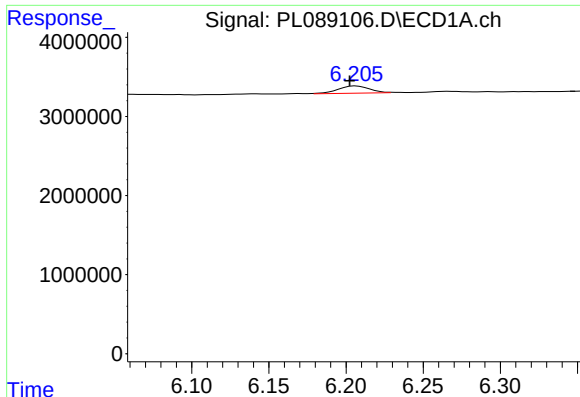
#6 beta-BHC

R.T.: 4.534 min
Delta R.T.: 0.001 min
Response: 14656356
Conc: 10.92 ng/ml m



#6 beta-BHC

R.T.: 3.931 min
Delta R.T.: 0.001 min
Response: 8990595
Conc: 10.76 ng/ml



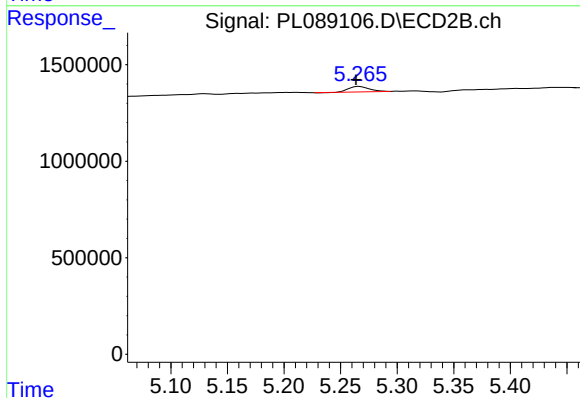
#12 4,4'-DDE

R.T.: 6.205 min
Delta R.T.: 0.003 min
Response: 1298511
Conc: 0.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
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#12 4,4'-DDE

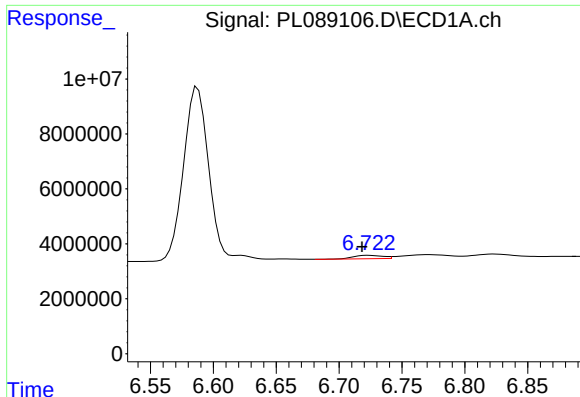
R.T.: 5.267 min
Delta R.T.: 0.003 min
Response: 355674
Conc: 0.24 ng/ml

#14 Endrin

R.T.: 6.587 min
Delta R.T.: 0.002 min
Response: 88868881
Conc: 47.29 ng/ml

#14 Endrin

R.T.: 5.672 min
Delta R.T.: 0.002 min
Response: 71278077
Conc: 49.04 ng/ml



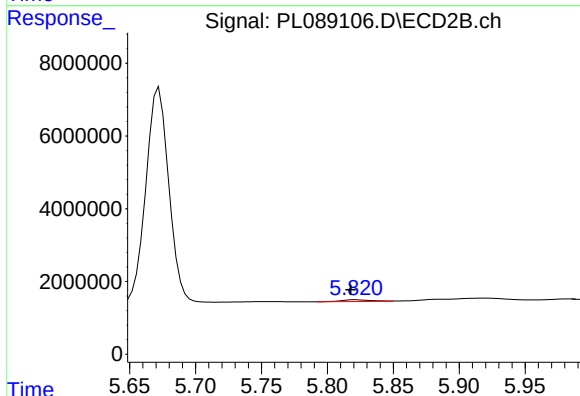
#16 4,4'-DDD

R.T.: 6.723 min
Delta R.T.: 0.005 min
Response: 1950833
Conc: 1.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

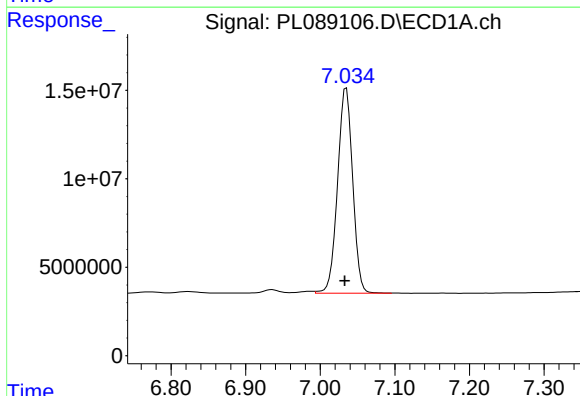
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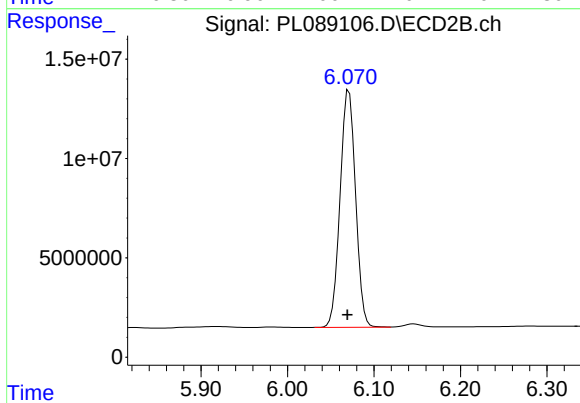
#16 4,4'-DDD

R.T.: 5.821 min
Delta R.T.: 0.004 min
Response: 749042
Conc: 0.62 ng/ml



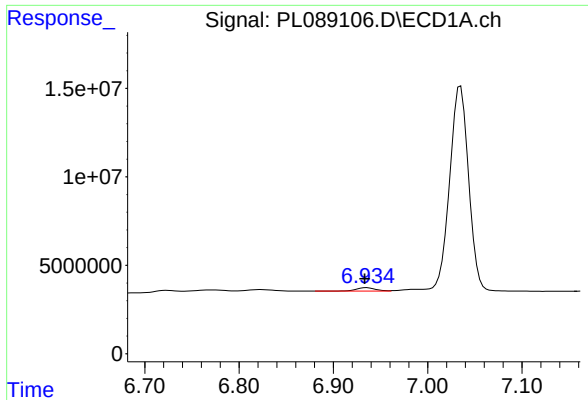
#17 4,4'-DDT

R.T.: 7.035 min
Delta R.T.: 0.002 min
Response: 163198502
Conc: 89.56 ng/ml



#17 4,4'-DDT

R.T.: 6.071 min
Delta R.T.: 0.002 min
Response: 147666823
Conc: 112.66 ng/ml



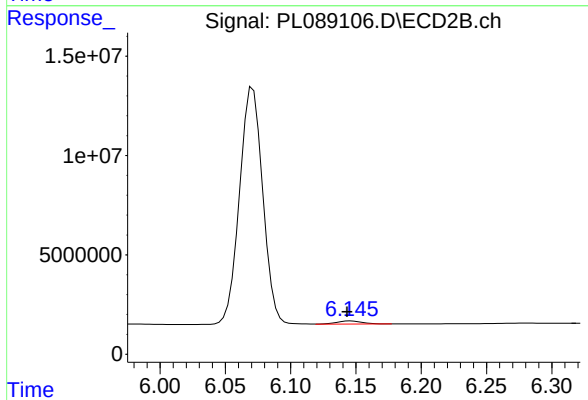
#18 Endrin aldehyde

R.T.: 6.935 min
Delta R.T.: 0.002 min
Response: 2742539
Conc: 1.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

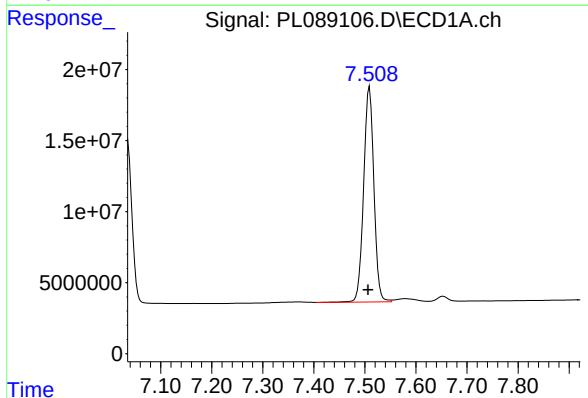
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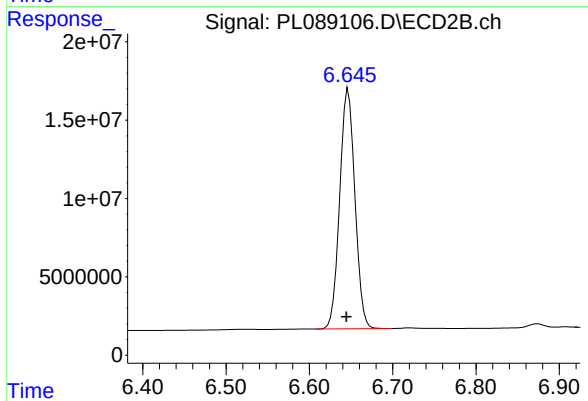
#18 Endrin aldehyde

R.T.: 6.146 min
Delta R.T.: 0.003 min
Response: 2127614
Conc: 1.94 ng/ml



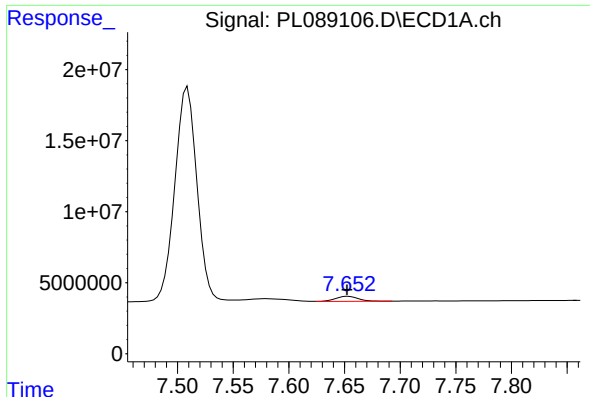
#20 Methoxychlor

R.T.: 7.509 min
Delta R.T.: 0.003 min
Response: 211661980
Conc: 240.22 ng/ml



#20 Methoxychlor

R.T.: 6.647 min
Delta R.T.: 0.002 min
Response: 194311427
Conc: 259.97 ng/ml



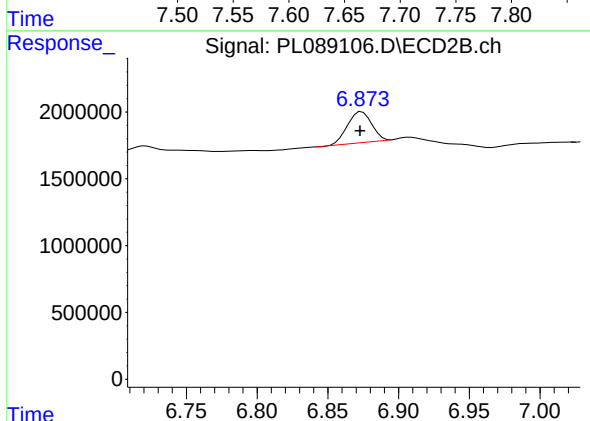
#21 Endrin ketone

R.T.: 7.653 min
Delta R.T.: 0.000 min
Response: 5012041
Conc: 2.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

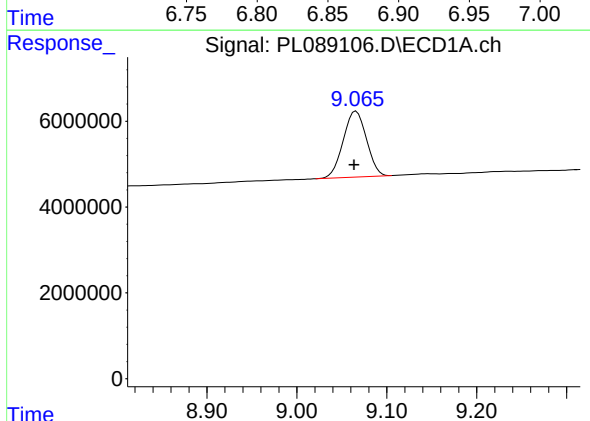
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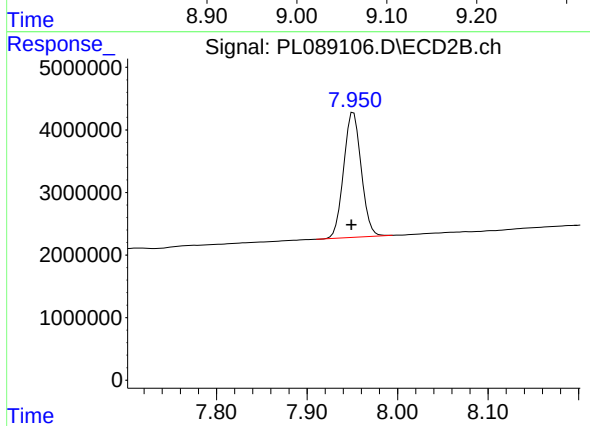
#21 Endrin ketone

R.T.: 6.874 min
Delta R.T.: 0.001 min
Response: 2749234
Conc: 1.74 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.066 min
Delta R.T.: 0.002 min
Response: 27643196
Conc: 21.70 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.951 min
Delta R.T.: 0.002 min
Response: 26946512
Conc: 20.12 ng/ml