

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042823\
 Data File : PL082369.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Apr 2023 08:11
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 05/01/2023
 Supervised By :Ankita Jodhani 05/01/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 28 22:02:29 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042023.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 21 03:12:31 2023
 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...	3.324	2.647	48562370	39411414	18.180	17.012
28)	SA Decachlor...	8.742	7.758	35297341	40136234	18.489	17.584
Target Compounds							
2)	A alpha-BHC	3.773	3.144	32590416	26071071	8.188	7.660
3)	MA gamma-BHC...	4.101	3.471	32243610	24980590	8.624	7.769
6)	B beta-BHC	4.304	3.771	15983398	12979932	9.372	9.513
12)	B 4,4'-DDE	5.948	5.081	372520	112287	0.147	0.049m#
14)	MA Endrin	6.324	5.487	100.3E6	94564088	41.357	38.661
16)	A 4,4'-DDD	6.469	5.638	1098417	858404	0.542	0.459
17)	MA 4,4'-DDT	6.780	5.886	197.2E6	185.0E6	86.188	87.548
18)	B Endrin al...	6.677	5.963	2710424	3735369	1.439	1.996m#
20)	A Methoxychlor	7.260	6.466	264.3E6	249.5E6	216.551	205.900
21)	B Endrin ke...	7.390	6.690	3558562	4655114	1.486	1.834

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

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ALS Vial : 3 Sample Multiplier: 1

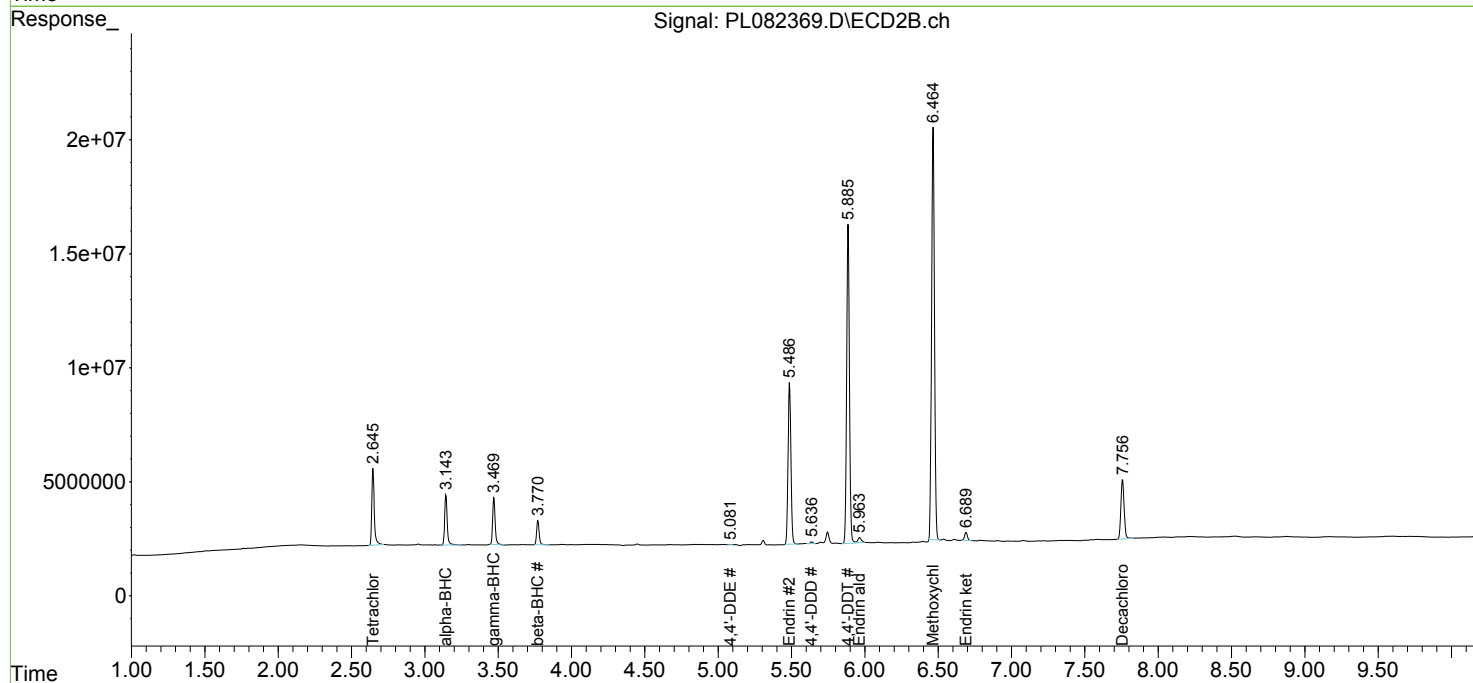
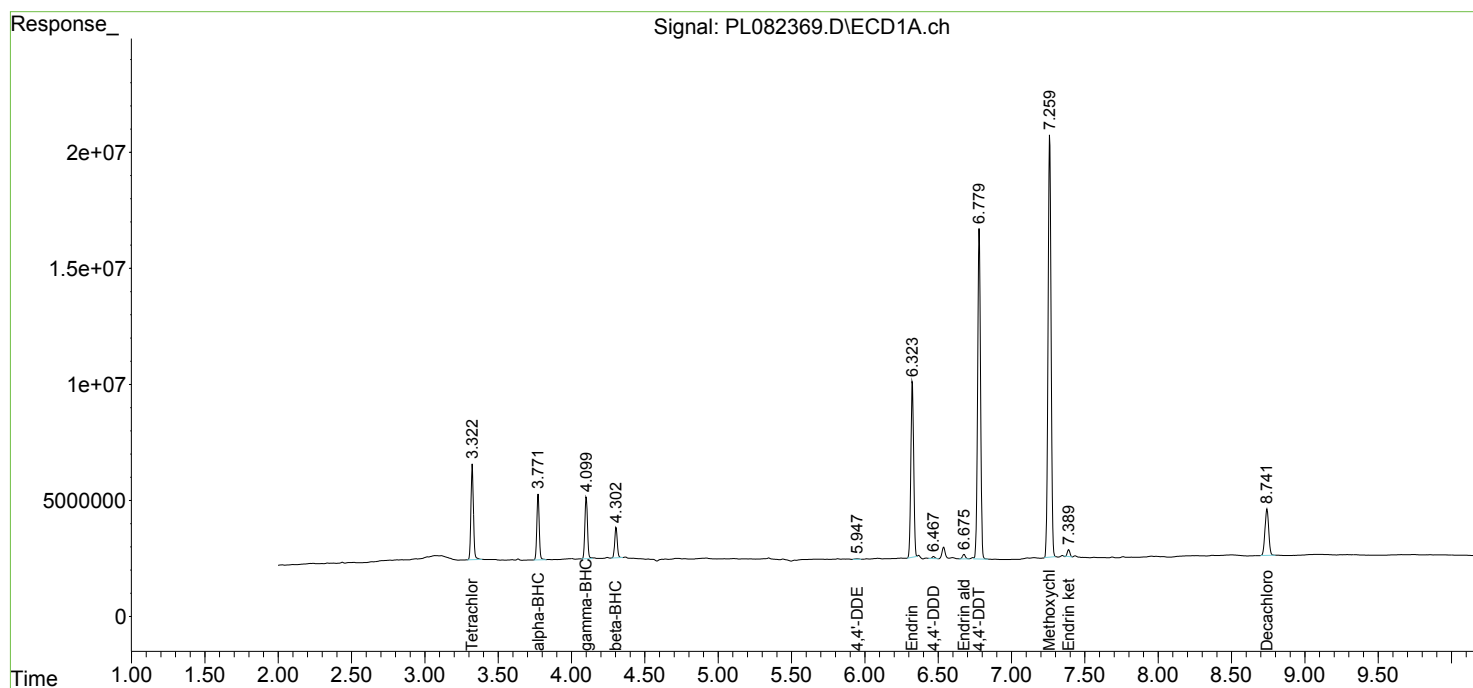
Instrument :
ECD_L
ClientSampleId :
PEM

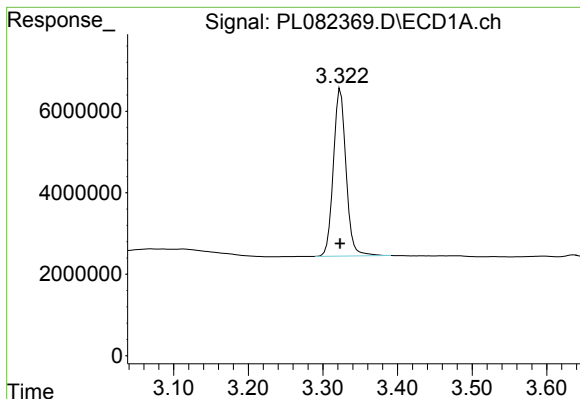
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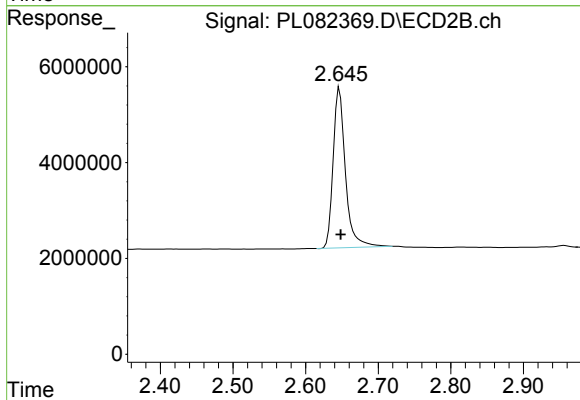
#1 Tetrachloro-m-xylene

R.T.: 3.324 min
Delta R.T.: 0.000 min
Response: 48562370
Conc: 18.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

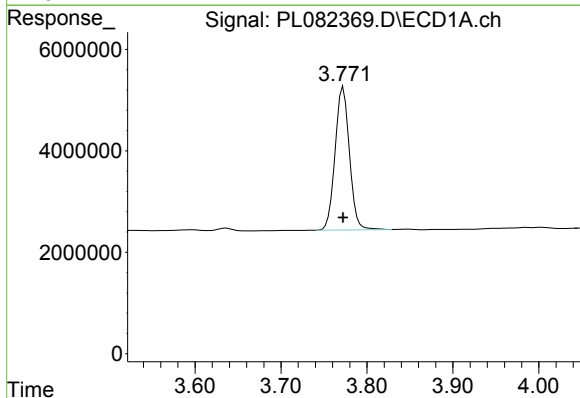
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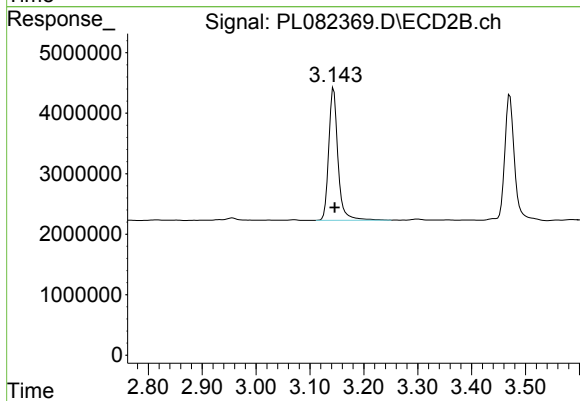
#1 Tetrachloro-m-xylene

R.T.: 2.647 min
Delta R.T.: -0.002 min
Response: 39411414
Conc: 17.01 ng/ml



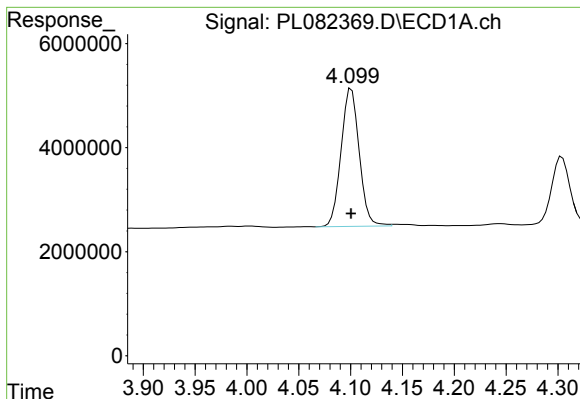
#2 alpha-BHC

R.T.: 3.773 min
Delta R.T.: 0.000 min
Response: 32590416
Conc: 8.19 ng/ml



#2 alpha-BHC

R.T.: 3.144 min
Delta R.T.: -0.002 min
Response: 26071071
Conc: 7.66 ng/ml



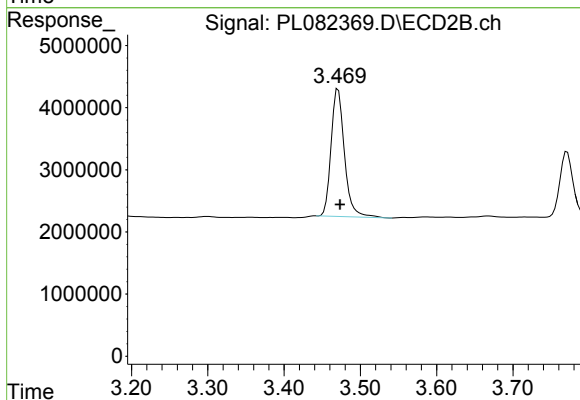
#3 gamma-BHC (Lindane)

R.T.: 4.101 min
Delta R.T.: 0.000 min
Response: 32243610
Conc: 8.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

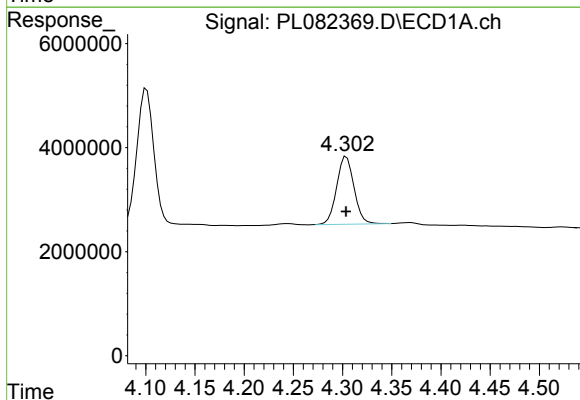
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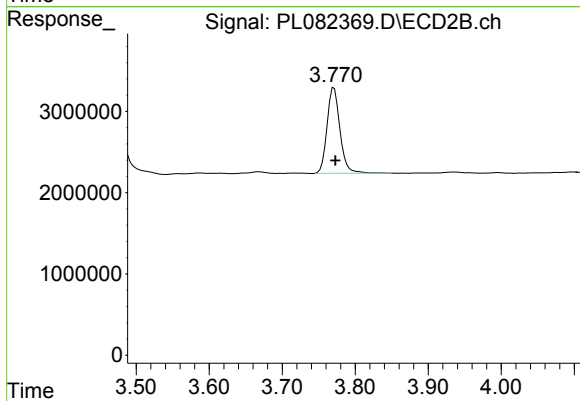
#3 gamma-BHC (Lindane)

R.T.: 3.471 min
Delta R.T.: -0.003 min
Response: 24980590
Conc: 7.77 ng/ml



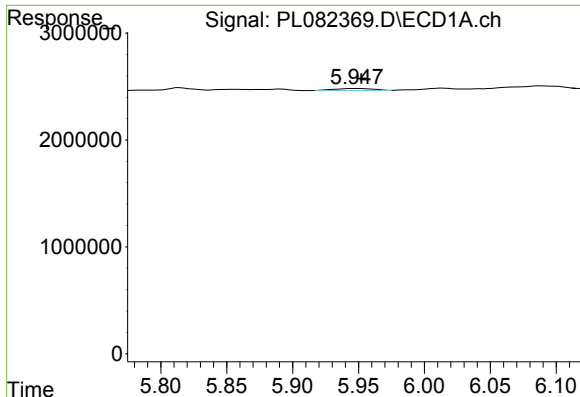
#6 beta-BHC

R.T.: 4.304 min
Delta R.T.: 0.000 min
Response: 15983398
Conc: 9.37 ng/ml



#6 beta-BHC

R.T.: 3.771 min
Delta R.T.: -0.002 min
Response: 12979932
Conc: 9.51 ng/ml



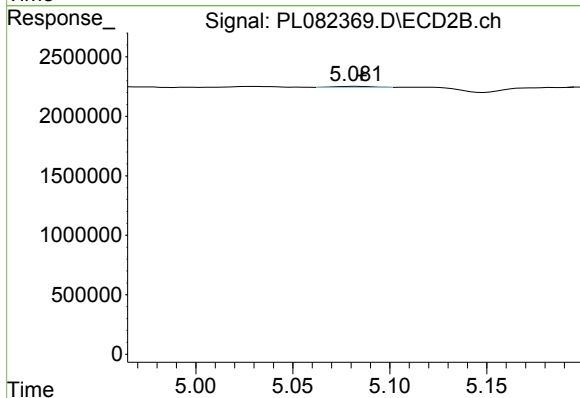
#12 4,4'-DDE

R.T.: 5.948 min
Delta R.T.: -0.005 min
Response: 372520
Conc: 0.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

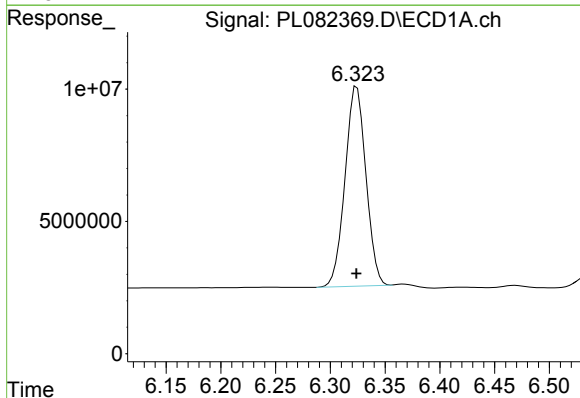
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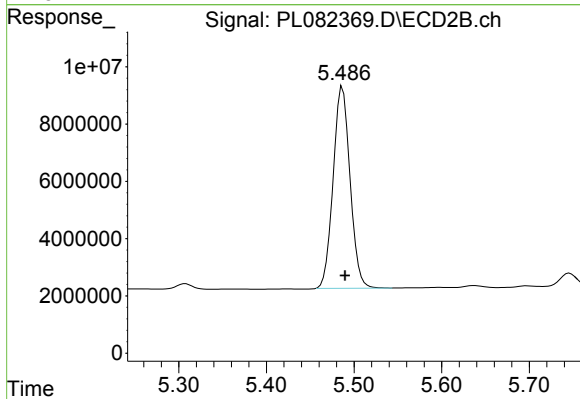
#12 4,4'-DDE

R.T.: 5.081 min
Delta R.T.: -0.004 min
Response: 112287
Conc: 0.05 ng/ml m



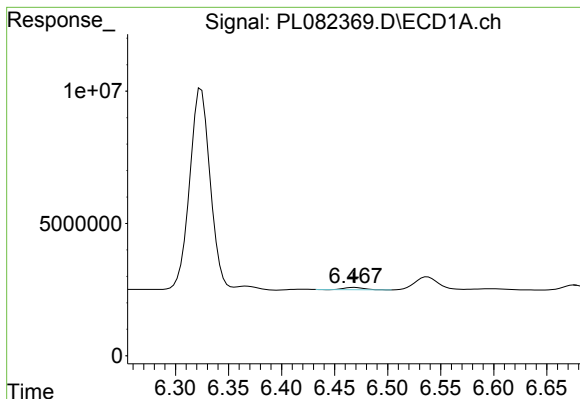
#14 Endrin

R.T.: 6.324 min
Delta R.T.: 0.000 min
Response: 100272475
Conc: 41.36 ng/ml



#14 Endrin

R.T.: 5.487 min
Delta R.T.: -0.003 min
Response: 94564088
Conc: 38.66 ng/ml



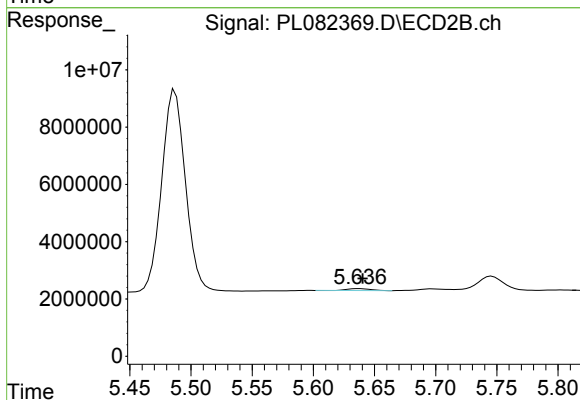
#16 4,4'-DDD

R.T.: 6.469 min
Delta R.T.: 0.000 min
Response: 1098417
Conc: 0.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

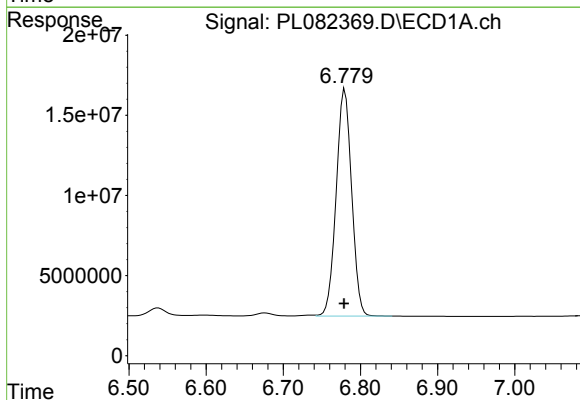
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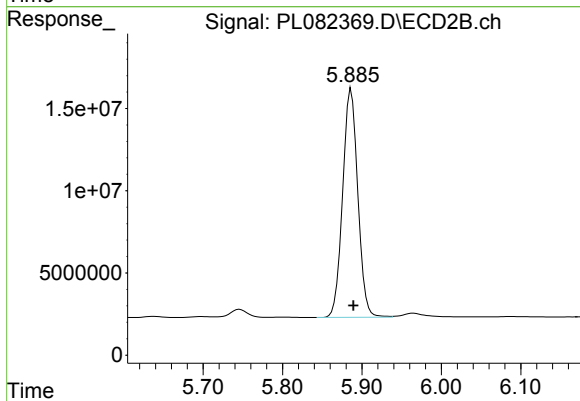
#16 4,4'-DDD

R.T.: 5.638 min
Delta R.T.: -0.003 min
Response: 858404
Conc: 0.46 ng/ml



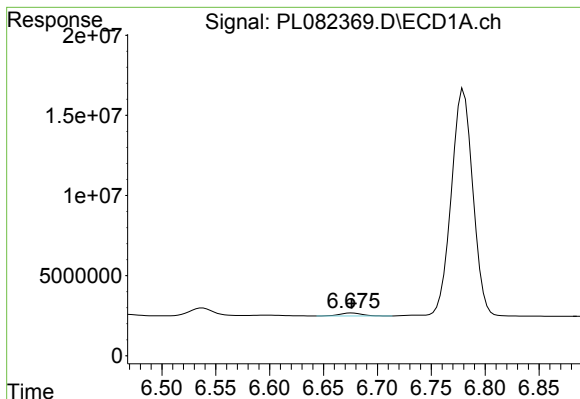
#17 4,4'-DDT

R.T.: 6.780 min
Delta R.T.: 0.001 min
Response: 197173025
Conc: 86.19 ng/ml



#17 4,4'-DDT

R.T.: 5.886 min
Delta R.T.: -0.003 min
Response: 184952458
Conc: 87.55 ng/ml



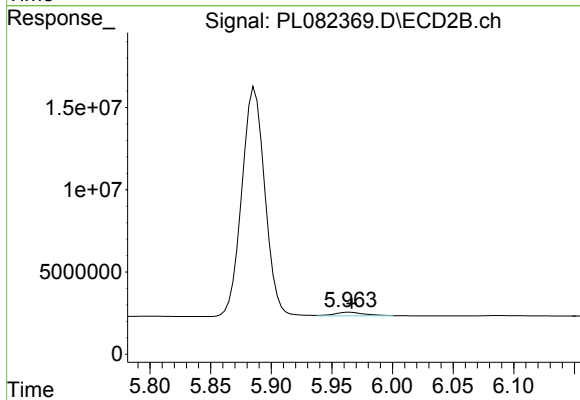
#18 Endrin aldehyde

R.T.: 6.677 min
Delta R.T.: 0.000 min
Response: 2710424
Conc: 1.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

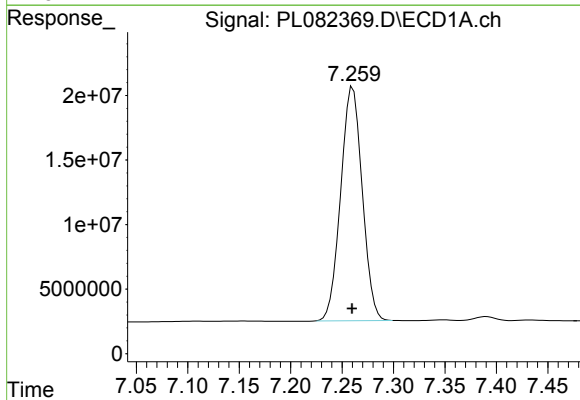
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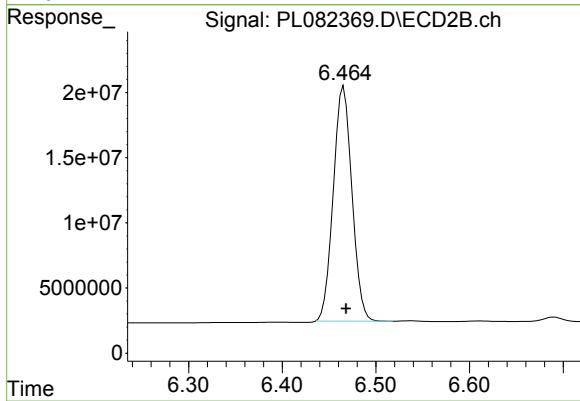
#18 Endrin aldehyde

R.T.: 5.963 min
Delta R.T.: -0.003 min
Response: 3735369
Conc: 2.00 ng/ml m



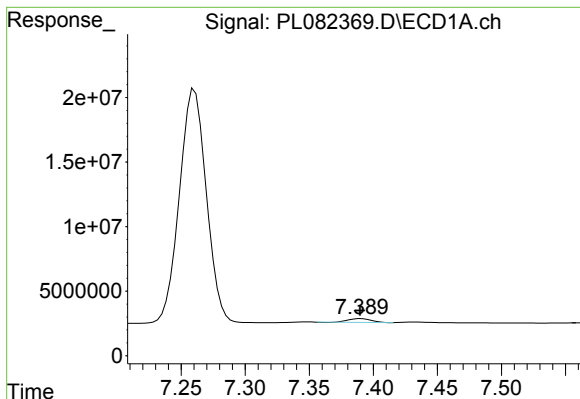
#20 Methoxychlor

R.T.: 7.260 min
Delta R.T.: 0.000 min
Response: 264263337
Conc: 216.55 ng/ml



#20 Methoxychlor

R.T.: 6.466 min
Delta R.T.: -0.003 min
Response: 249516997
Conc: 205.90 ng/ml



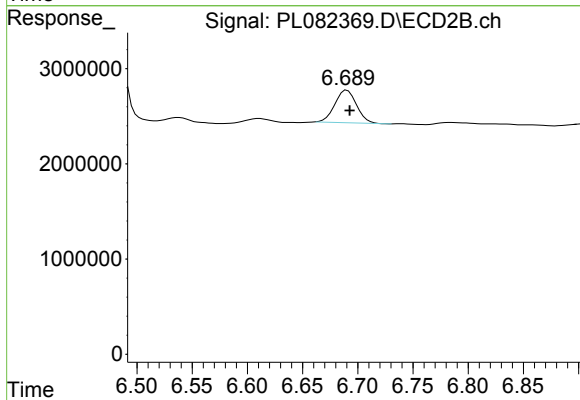
#21 Endrin ketone

R.T.: 7.390 min
Delta R.T.: 0.000 min
Response: 3558562
Conc: 1.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

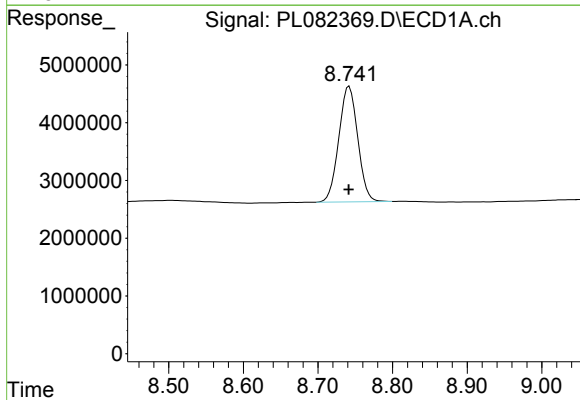
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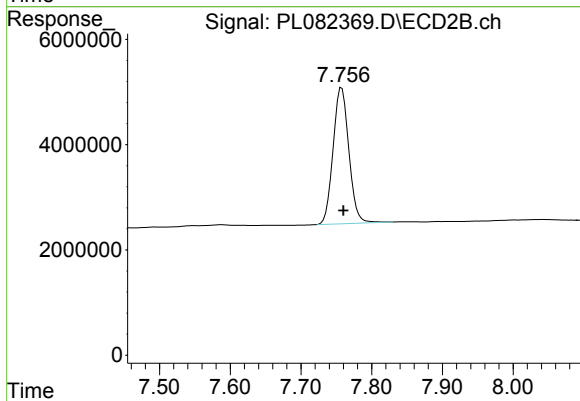
#21 Endrin ketone

R.T.: 6.690 min
Delta R.T.: -0.002 min
Response: 4655114
Conc: 1.83 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.742 min
Delta R.T.: 0.000 min
Response: 35297341
Conc: 18.49 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.758 min
Delta R.T.: -0.002 min
Response: 40136234
Conc: 17.58 ng/ml