

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL053024\
 Data File : PL089810.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 May 2024 10:59
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 06/03/2024
 Supervised By : Ankita Jodhani 06/03/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 31 00:26:22 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...	3.549	2.793	45701623	29953469	21.828	20.890
28)	SA Decachlor...	9.060	7.940	30723279	30910148	20.895	20.801
Target Compounds							
2)	A alpha-BHC	4.004	3.298	33002038	19912628	11.069	9.315
3)	MA gamma-BHC...	4.336	3.627	31253686	19296763	10.754	9.226m
6)	B beta-BHC	4.531	3.926	15015804	10091348	11.496	11.031
12)	B 4,4'-DDE	6.200	5.258	1840448	566204	0.846	0.339 #
14)	MA Endrin	6.582	5.663	91479995	78161917	45.502	47.719
16)	A 4,4'-DDD	6.716	5.813	1820634	742375	1.039m	0.527 #
17)	MA 4,4'-DDT	7.030	6.062	166.8E6	160.5E6	90.595	105.710
18)	B Endrin al...	6.930	6.137	1934307	2158315	1.248	1.778 #
20)	A Methoxychlor	7.505	6.637	215.6E6	213.7E6	219.492	240.224
21)	B Endrin ke...	7.648	6.864	4274393	3439513	2.030	1.887

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

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Operator : AR\AJ
Sample : PEM
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ALS Vial : 3 Sample Multiplier: 1

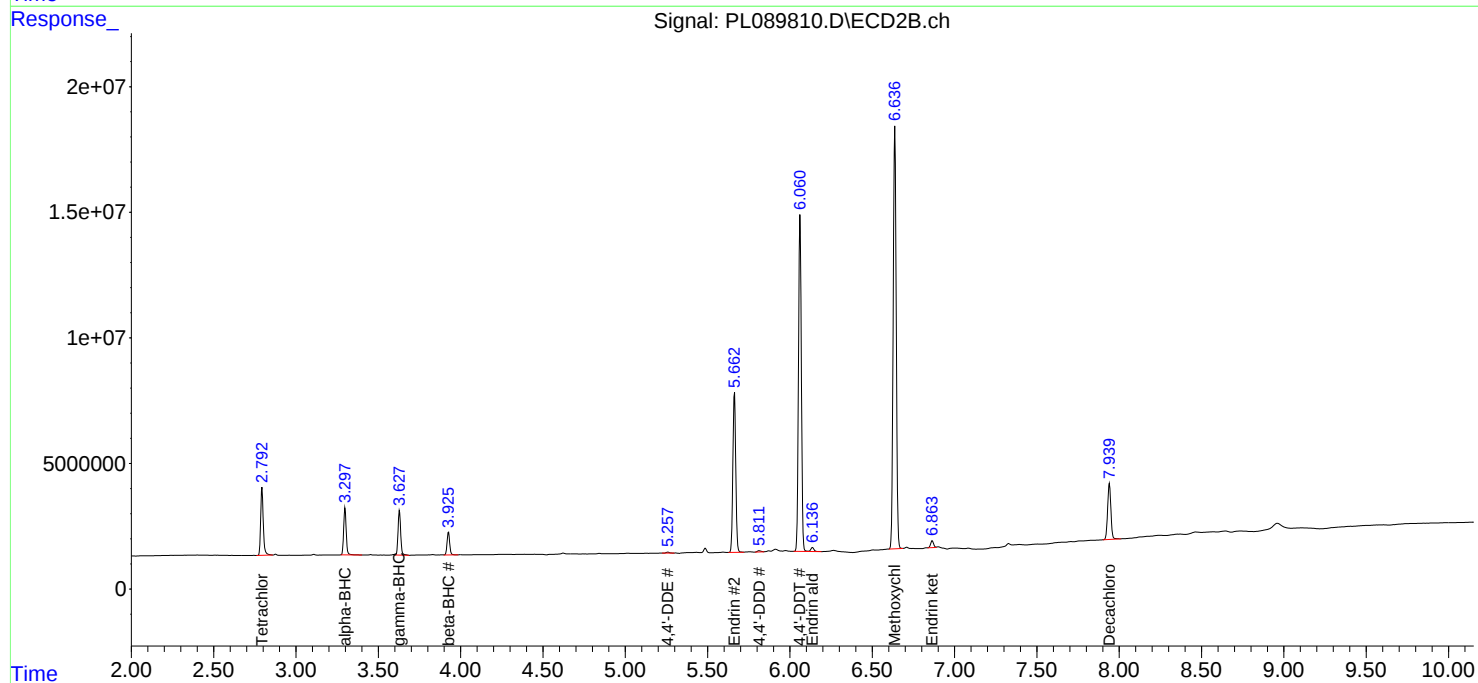
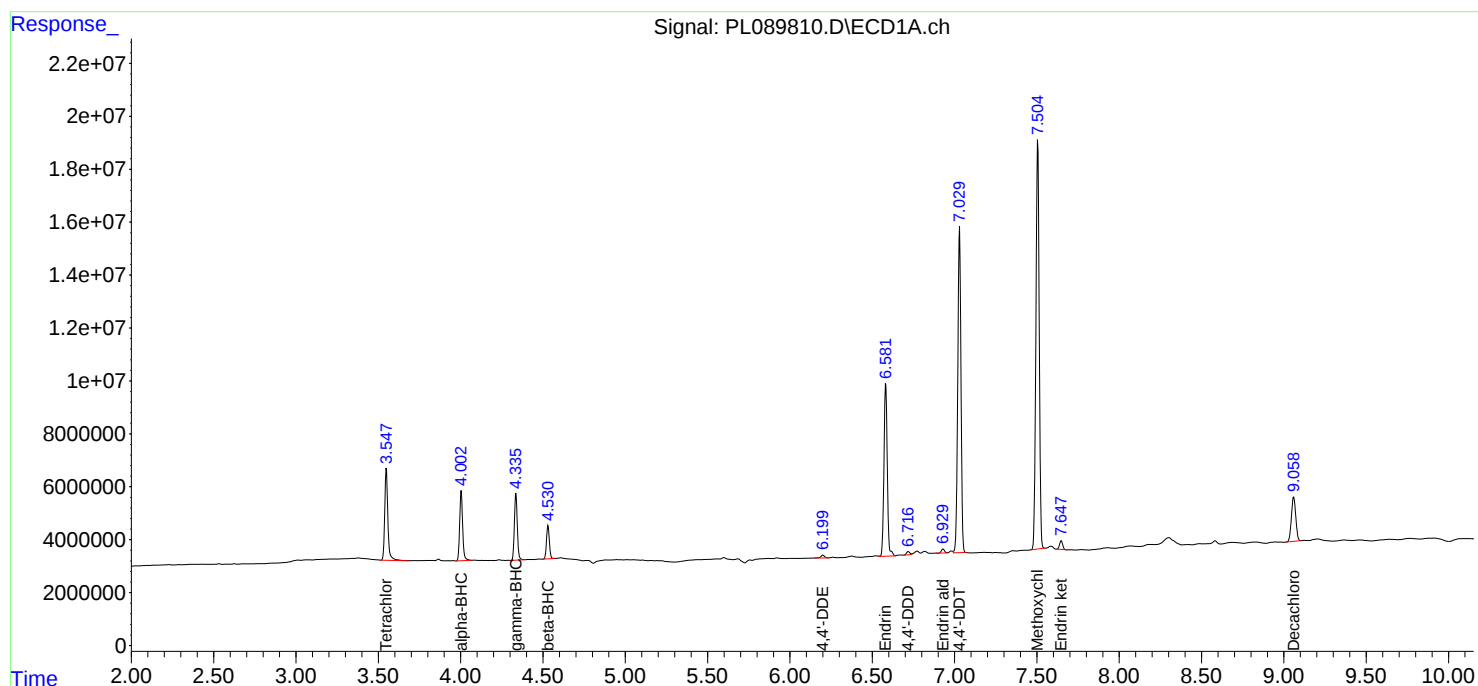
Instrument :
ECD_L
ClientSampleId :
PEM

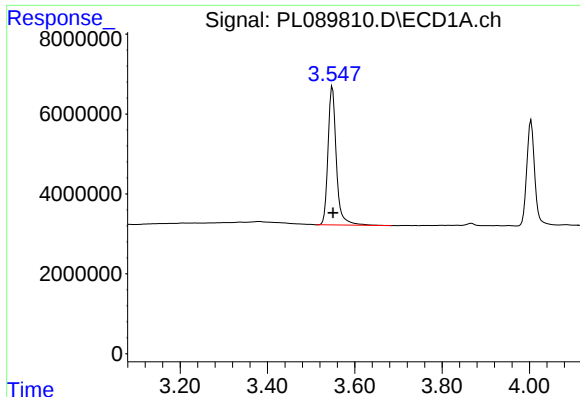
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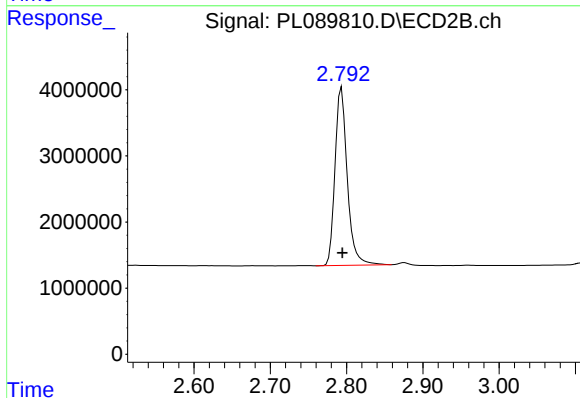
#1 Tetrachloro-m-xylene

R.T.: 3.549 min
Delta R.T.: -0.001 min
Response: 45701623
Conc: 21.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

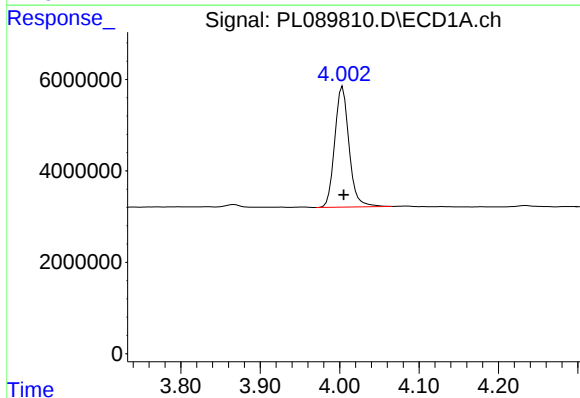
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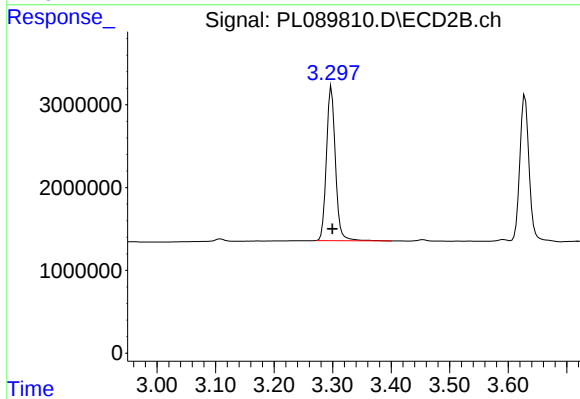
#1 Tetrachloro-m-xylene

R.T.: 2.793 min
Delta R.T.: -0.001 min
Response: 29953469
Conc: 20.89 ng/ml



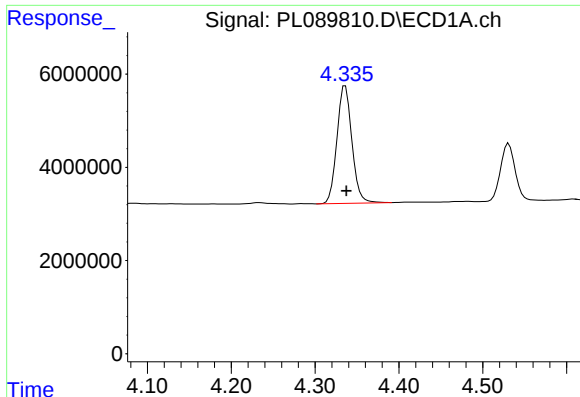
#2 alpha-BHC

R.T.: 4.004 min
Delta R.T.: -0.001 min
Response: 33002038
Conc: 11.07 ng/ml



#2 alpha-BHC

R.T.: 3.298 min
Delta R.T.: -0.002 min
Response: 19912628
Conc: 9.32 ng/ml



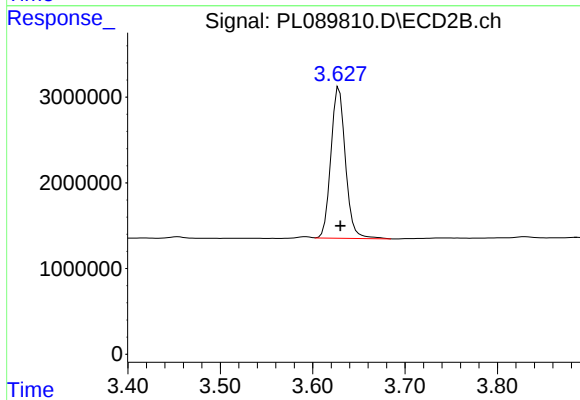
#3 gamma-BHC (Lindane)

R.T.: 4.336 min
Delta R.T.: -0.001 min
Response: 31253686
Conc: 10.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

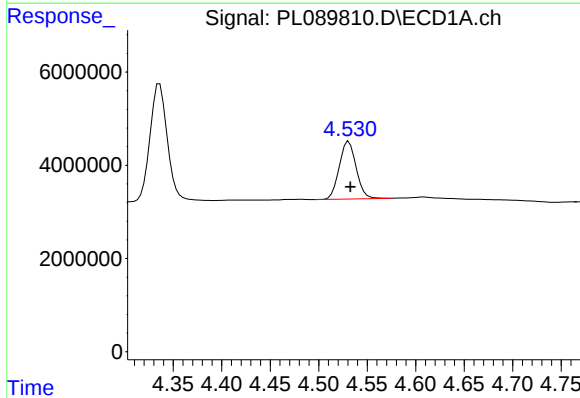
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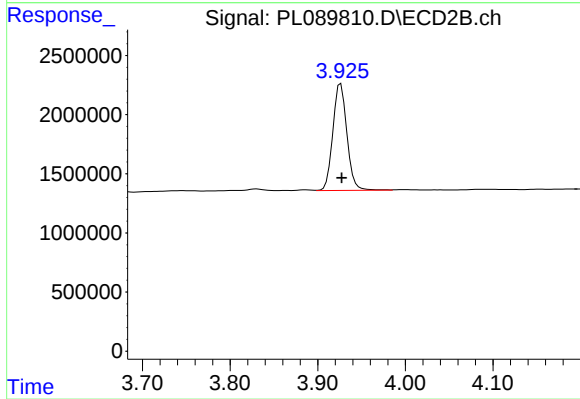
#3 gamma-BHC (Lindane)

R.T.: 3.627 min
Delta R.T.: -0.003 min
Response: 19296763
Conc: 9.23 ng/ml m



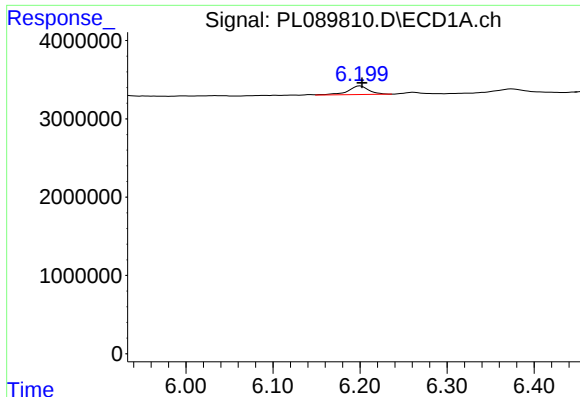
#6 beta-BHC

R.T.: 4.531 min
Delta R.T.: -0.002 min
Response: 15015804
Conc: 11.50 ng/ml



#6 beta-BHC

R.T.: 3.926 min
Delta R.T.: -0.001 min
Response: 10091348
Conc: 11.03 ng/ml



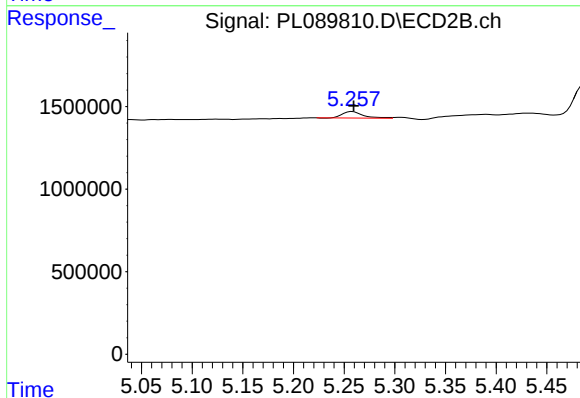
#12 4,4'-DDE

R.T.: 6.200 min
Delta R.T.: -0.002 min
Response: 1840448
Conc: 0.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

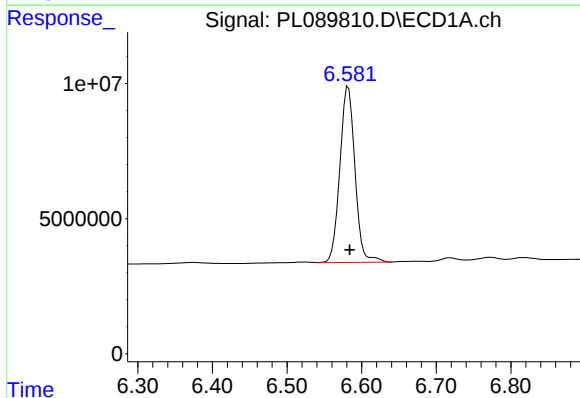
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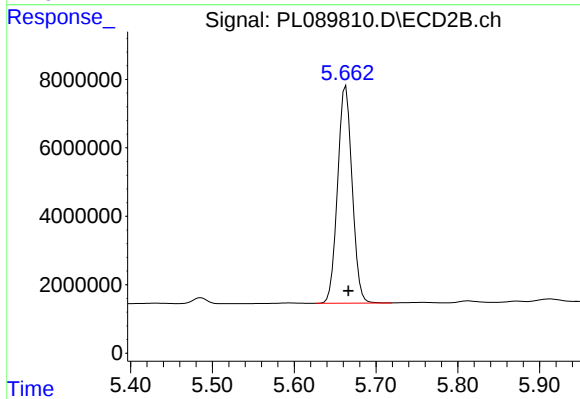
#12 4,4'-DDE

R.T.: 5.258 min
Delta R.T.: -0.001 min
Response: 566204
Conc: 0.34 ng/ml



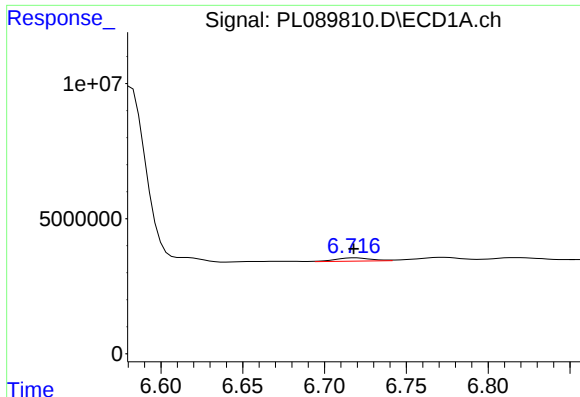
#14 Endrin

R.T.: 6.582 min
Delta R.T.: -0.002 min
Response: 91479995
Conc: 45.50 ng/ml



#14 Endrin

R.T.: 5.663 min
Delta R.T.: -0.003 min
Response: 78161917
Conc: 47.72 ng/ml



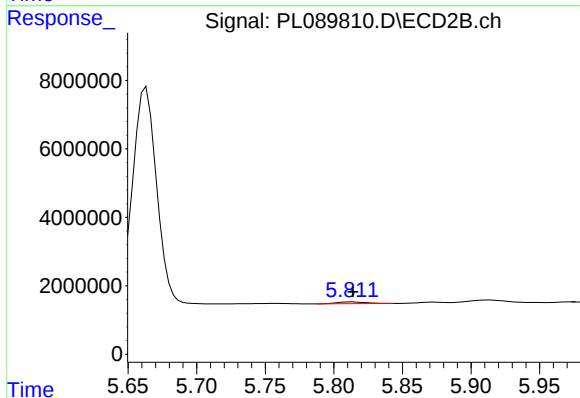
#16 4,4'-DDD

R.T.: 6.716 min
Delta R.T.: -0.002 min
Response: 1820634
Conc: 1.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

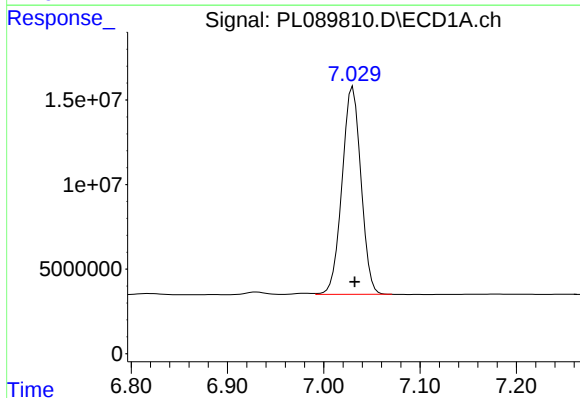
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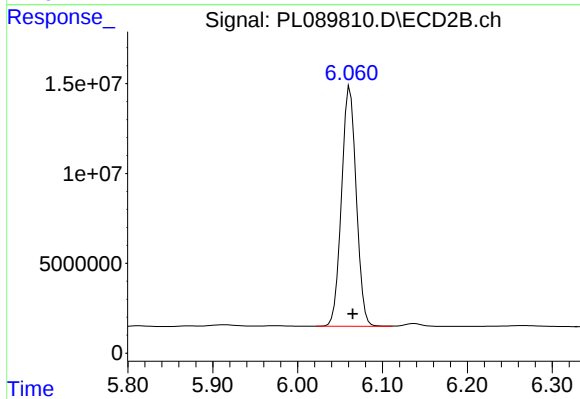
#16 4,4'-DDD

R.T.: 5.813 min
Delta R.T.: -0.001 min
Response: 742375
Conc: 0.53 ng/ml



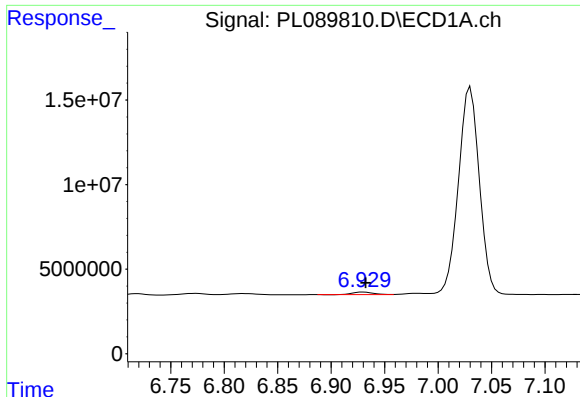
#17 4,4'-DDT

R.T.: 7.030 min
Delta R.T.: -0.002 min
Response: 166793576
Conc: 90.59 ng/ml



#17 4,4'-DDT

R.T.: 6.062 min
Delta R.T.: -0.003 min
Response: 160531025
Conc: 105.71 ng/ml



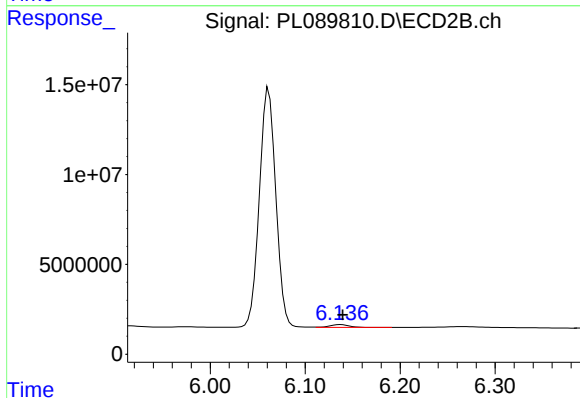
#18 Endrin aldehyde

R.T.: 6.930 min
Delta R.T.: -0.002 min
Response: 1934307
Conc: 1.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

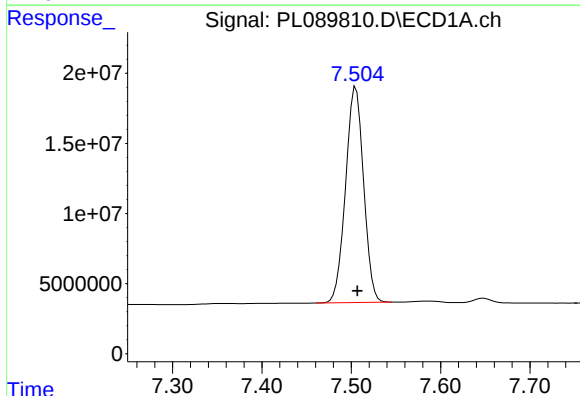
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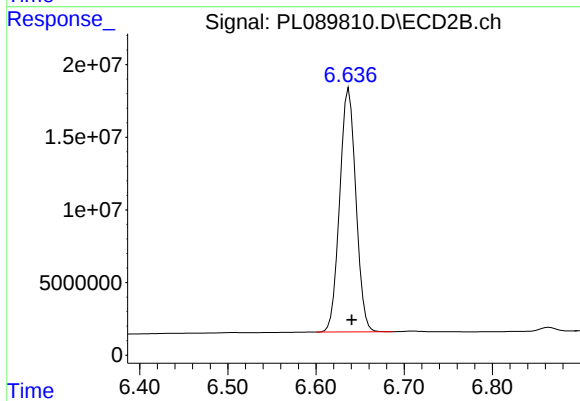
#18 Endrin aldehyde

R.T.: 6.137 min
Delta R.T.: -0.002 min
Response: 2158315
Conc: 1.78 ng/ml



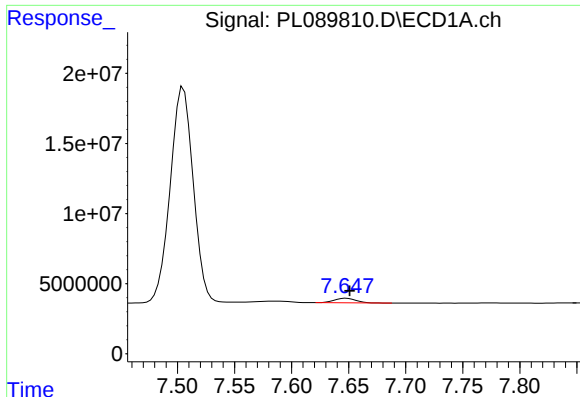
#20 Methoxychlor

R.T.: 7.505 min
Delta R.T.: -0.001 min
Response: 215579915
Conc: 219.49 ng/ml



#20 Methoxychlor

R.T.: 6.637 min
Delta R.T.: -0.003 min
Response: 213698487
Conc: 240.22 ng/ml



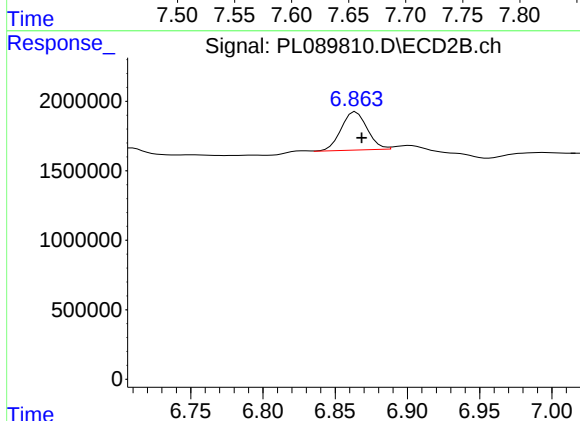
#21 Endrin ketone

R.T.: 7.648 min
Delta R.T.: -0.003 min
Response: 4274393
Conc: 2.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

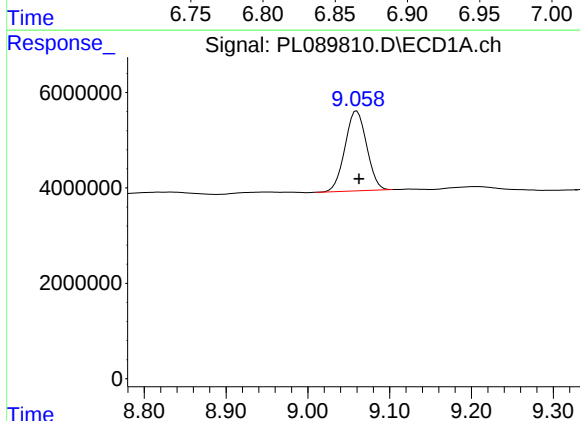
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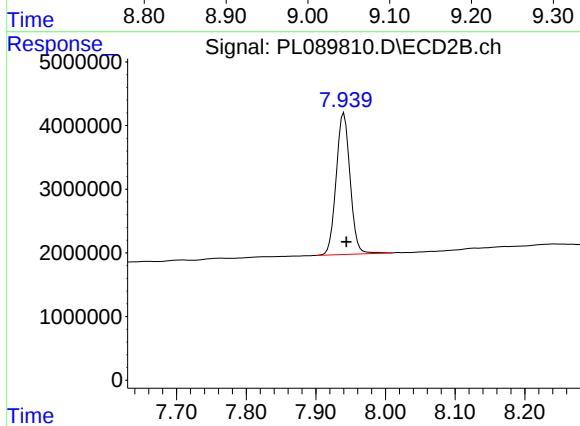
#21 Endrin ketone

R.T.: 6.864 min
Delta R.T.: -0.004 min
Response: 3439513
Conc: 1.89 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.060 min
Delta R.T.: -0.003 min
Response: 30723279
Conc: 20.89 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.940 min
Delta R.T.: -0.004 min
Response: 30910148
Conc: 20.80 ng/ml