

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092623\
 Data File : PL085508.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Sep 2023 12:55
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 09/27/2023
 Supervised By : Ankita Jodhani 09/27/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 26 21:25:14 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092523.M
 Quant Title : GC Extractables
 QLast Update : Tue Sep 26 01:26:21 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...	3.415	2.652	45905756	19025802	17.849	16.768
28)	SA Decachlor...	8.946	7.827	40109734	21736500	19.545	18.308
Target Compounds							
2)	A alpha-BHC	3.872	3.155	32310393	13341243	8.845	8.068
3)	MA gamma-BHC...	4.204	3.484	31291679	13275297	8.823	8.279
6)	B beta-BHC	4.405	3.788	14843676	6610969	9.505	9.802
12)	B 4,4'-DDE	6.084	5.123	669648	162000	0.270	0.135m#
14)	MA Endrin	6.456	5.519	103.0E6	53779300	43.208	44.533
16)	A 4,4'-DDD	6.605	5.685	817167	160360	0.407m	0.160 #
17)	MA 4,4'-DDT	6.919	5.934	203.3E6	108.6E6	96.846	101.167
18)	B Endrin al...	6.810	6.001	4175968	2813921	2.316	2.862m
20)	A Methoxychlor	7.404	6.520	279.7E6	147.5E6	210.011	232.612
21)	B Endrin ke...	7.530	6.728	4639823	4069328	1.862	2.600m#

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

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Acq On : 26 Sep 2023 12:55
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

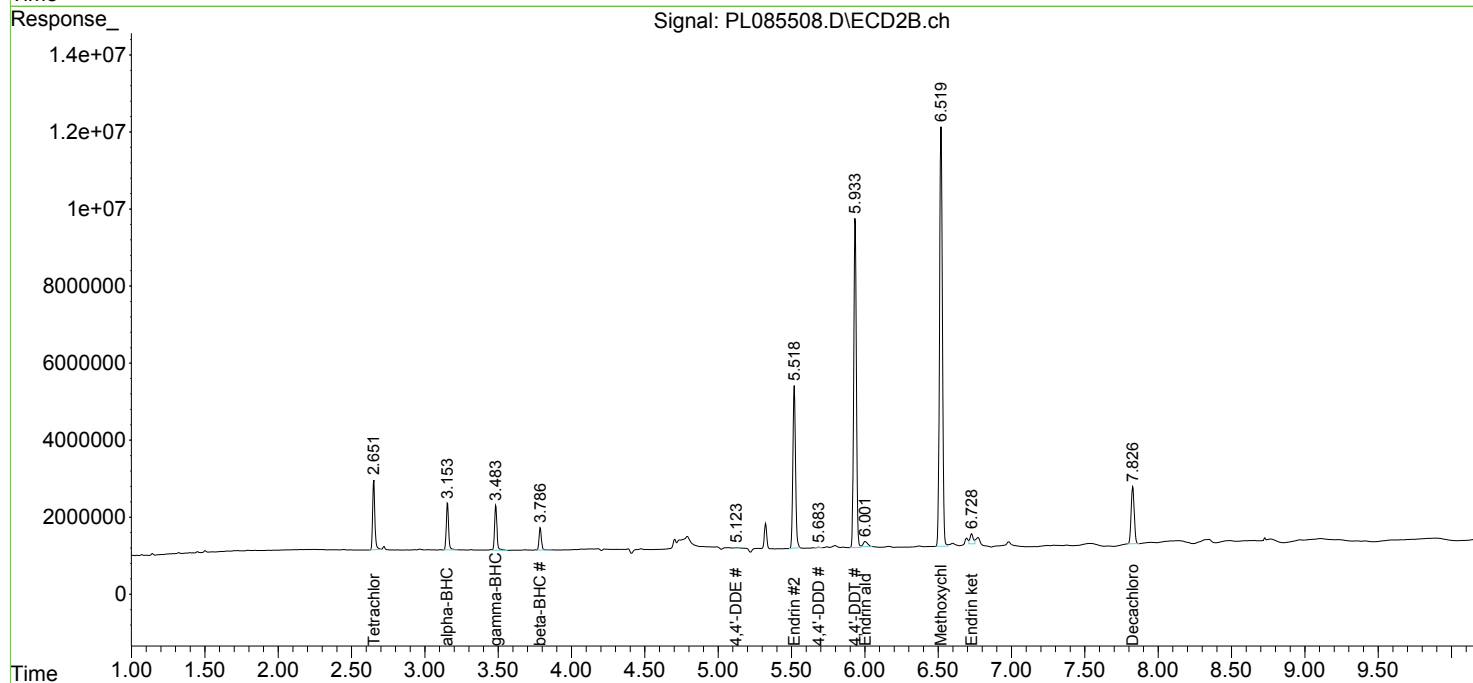
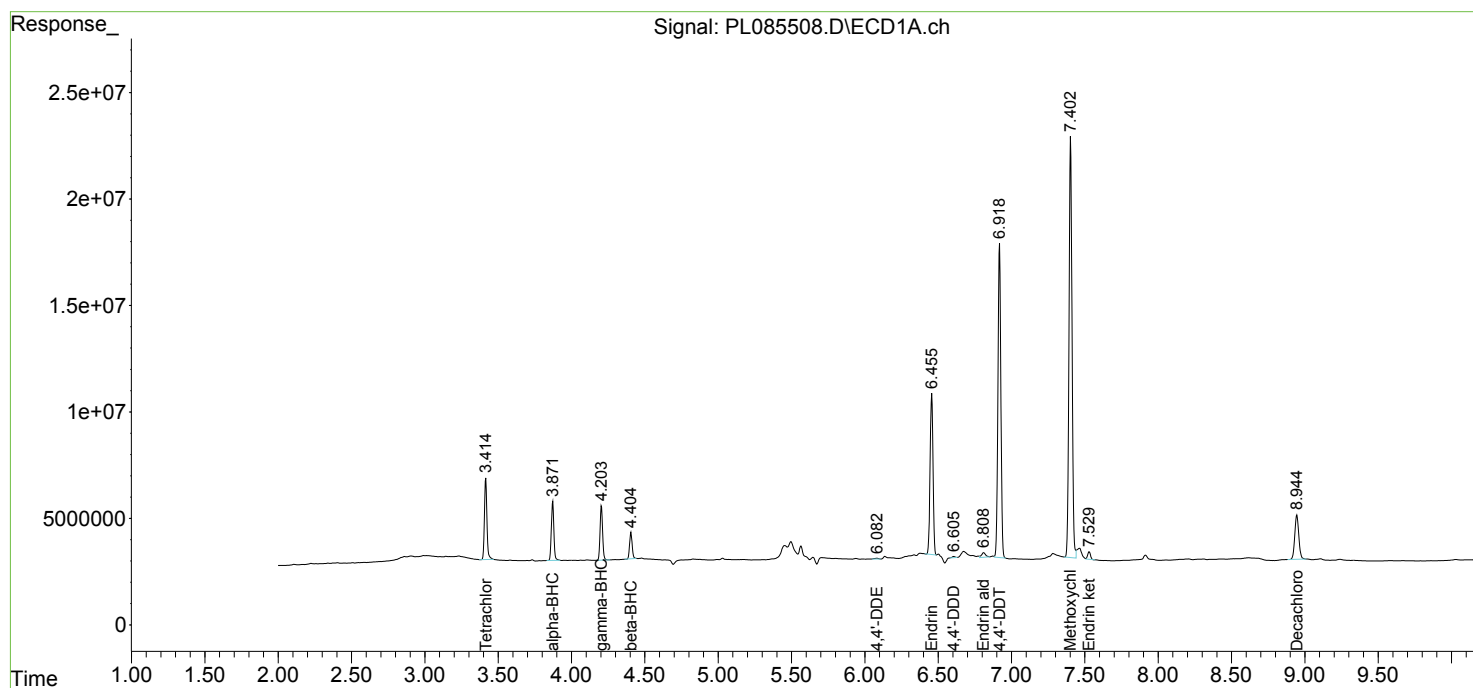
Instrument :
ECD_L
ClientSampleId :
PEM

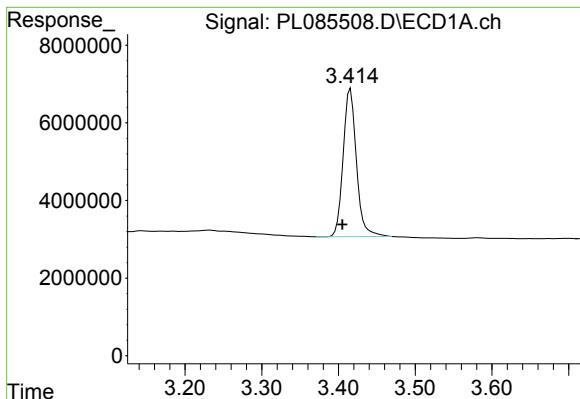
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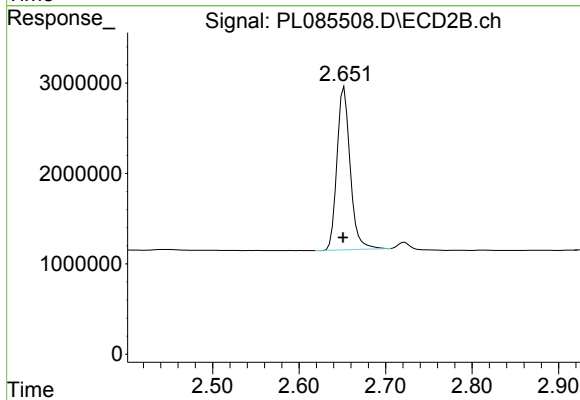
#1 Tetrachloro-m-xylene

R.T.: 3.415 min
Delta R.T.: 0.010 min
Response: 45905756
Conc: 17.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

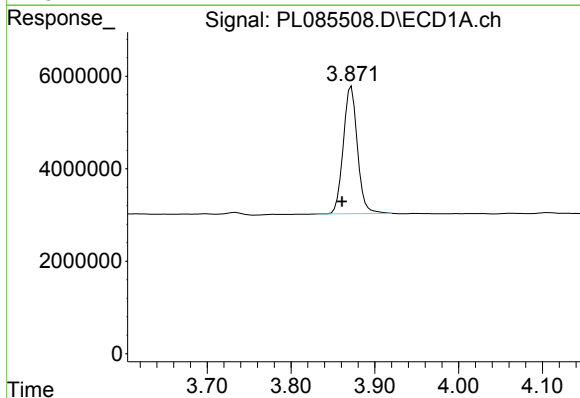
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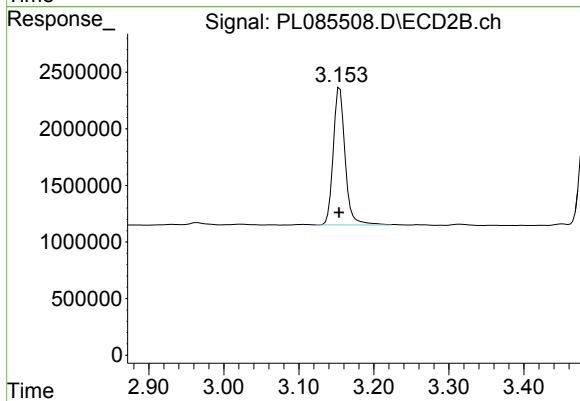
#1 Tetrachloro-m-xylene

R.T.: 2.652 min
Delta R.T.: 0.001 min
Response: 19025802
Conc: 16.77 ng/ml



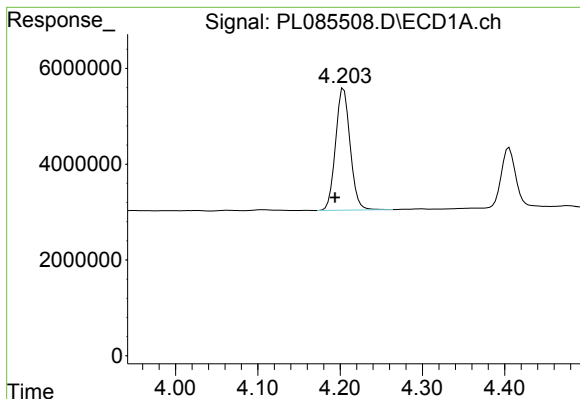
#2 alpha-BHC

R.T.: 3.872 min
Delta R.T.: 0.011 min
Response: 32310393
Conc: 8.85 ng/ml



#2 alpha-BHC

R.T.: 3.155 min
Delta R.T.: 0.000 min
Response: 13341243
Conc: 8.07 ng/ml



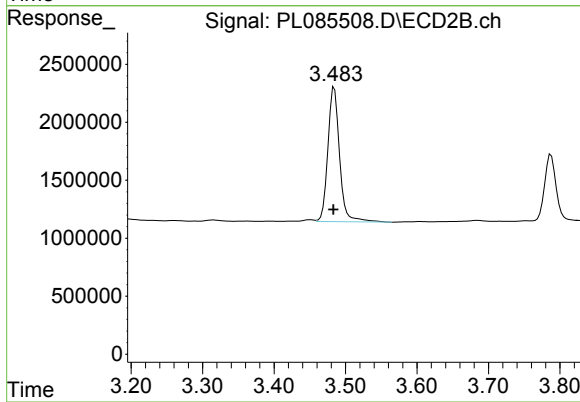
#3 gamma-BHC (Lindane)

R.T.: 4.204 min
Delta R.T.: 0.010 min
Response: 31291679
Conc: 8.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

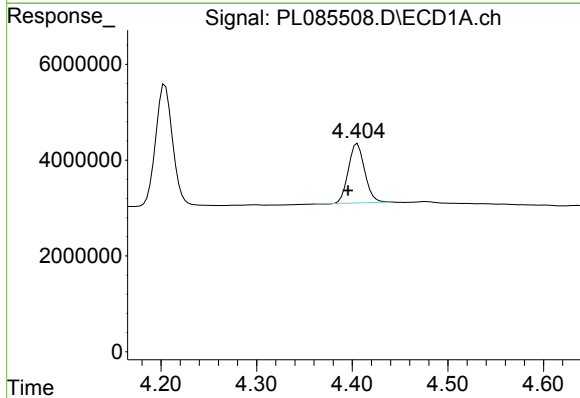
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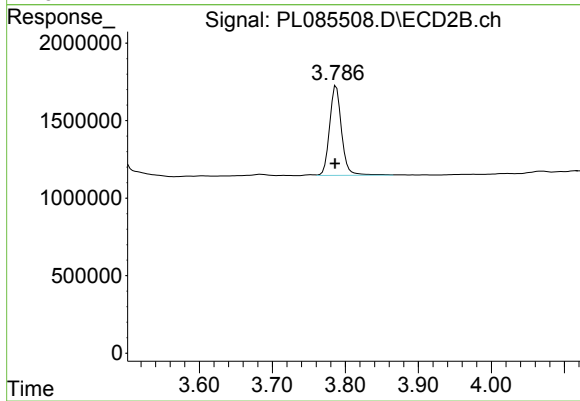
#3 gamma-BHC (Lindane)

R.T.: 3.484 min
Delta R.T.: 0.001 min
Response: 13275297
Conc: 8.28 ng/ml



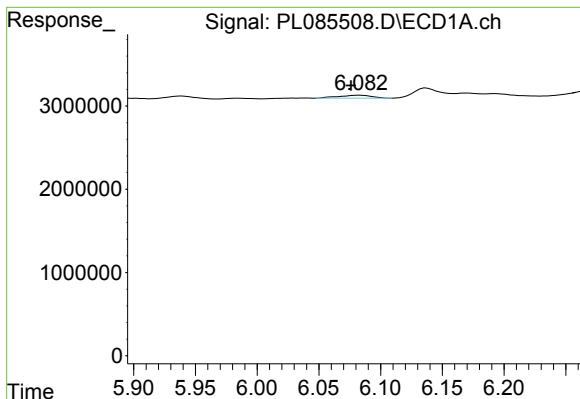
#6 beta-BHC

R.T.: 4.405 min
Delta R.T.: 0.010 min
Response: 14843676
Conc: 9.51 ng/ml



#6 beta-BHC

R.T.: 3.788 min
Delta R.T.: 0.002 min
Response: 6610969
Conc: 9.80 ng/ml



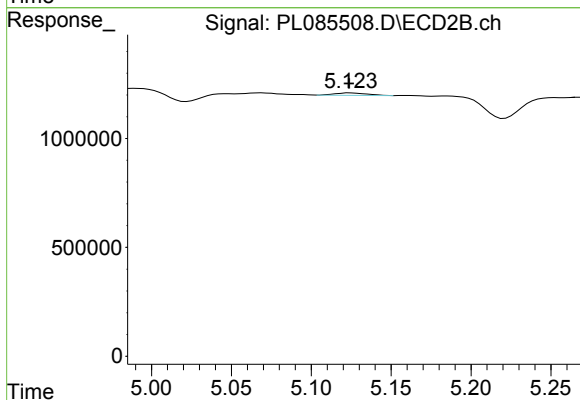
#12 4,4'-DDE

R.T.: 6.084 min
Delta R.T.: 0.008 min
Response: 669648
Conc: 0.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

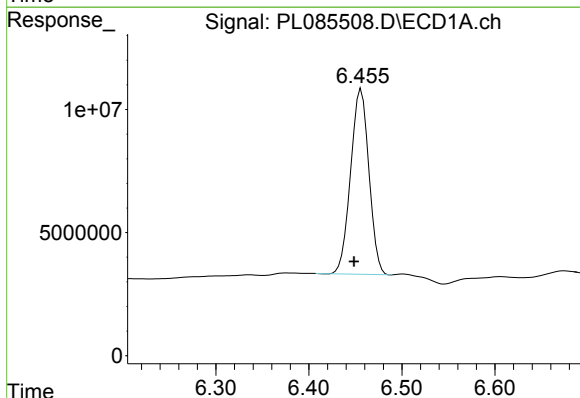
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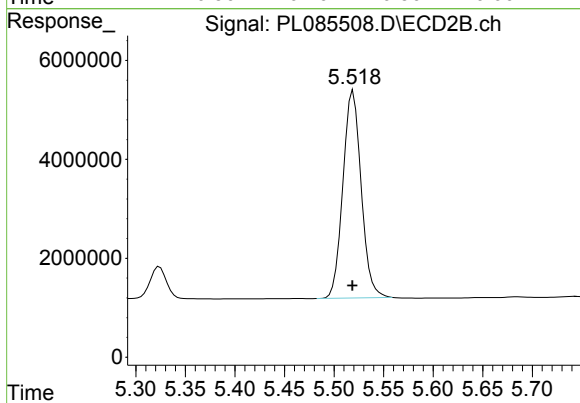
#12 4,4'-DDE

R.T.: 5.123 min
Delta R.T.: 0.000 min
Response: 162000
Conc: 0.13 ng/ml m



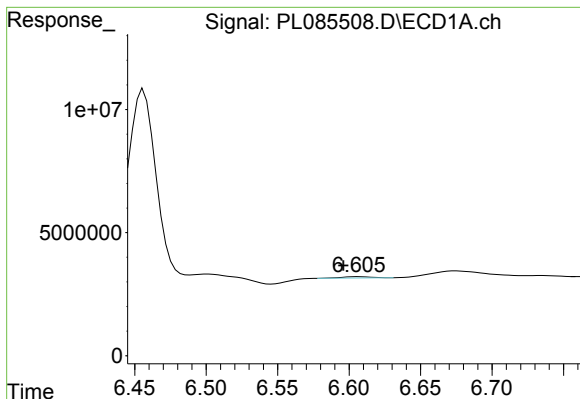
#14 Endrin

R.T.: 6.456 min
Delta R.T.: 0.008 min
Response: 102955261
Conc: 43.21 ng/ml



#14 Endrin

R.T.: 5.519 min
Delta R.T.: 0.000 min
Response: 53779300
Conc: 44.53 ng/ml



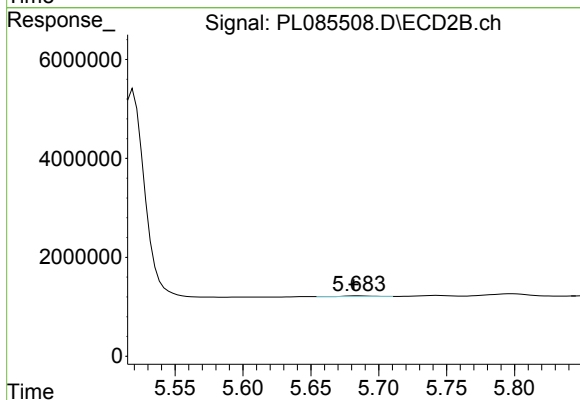
#16 4,4'-DDD

R.T.: 6.605 min
Delta R.T.: 0.009 min
Response: 817167
Conc: 0.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

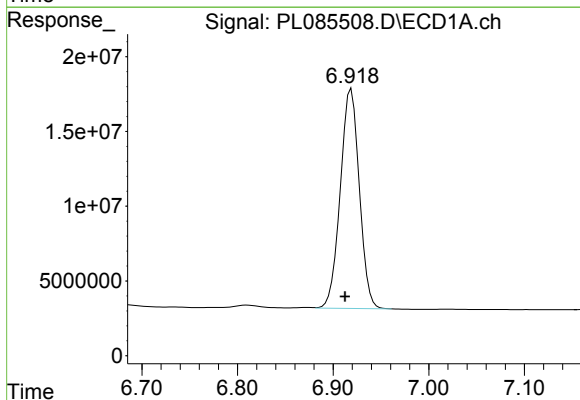
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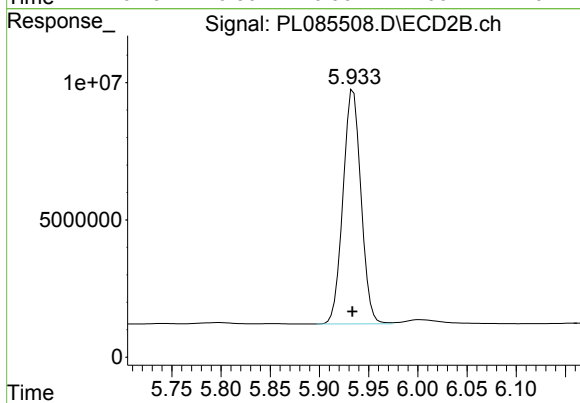
#16 4,4'-DDD

R.T.: 5.685 min
Delta R.T.: 0.003 min
Response: 160360
Conc: 0.16 ng/ml



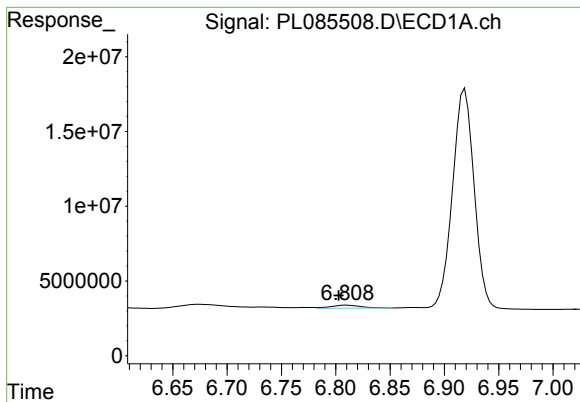
#17 4,4'-DDT

R.T.: 6.919 min
Delta R.T.: 0.007 min
Response: 203323657
Conc: 96.85 ng/ml



#17 4,4'-DDT

R.T.: 5.934 min
Delta R.T.: 0.000 min
Response: 108629695
Conc: 101.17 ng/ml



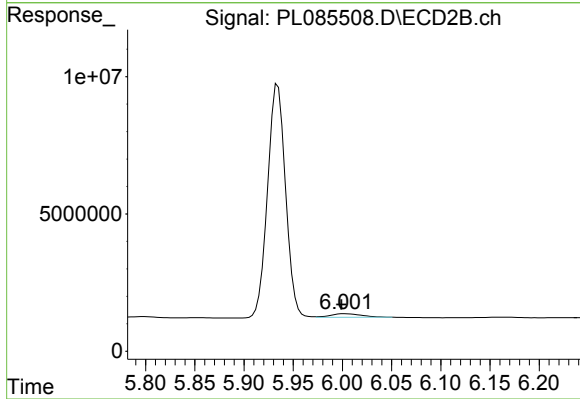
#18 Endrin aldehyde

R.T.: 6.810 min
Delta R.T.: 0.008 min
Response: 4175968
Conc: 2.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

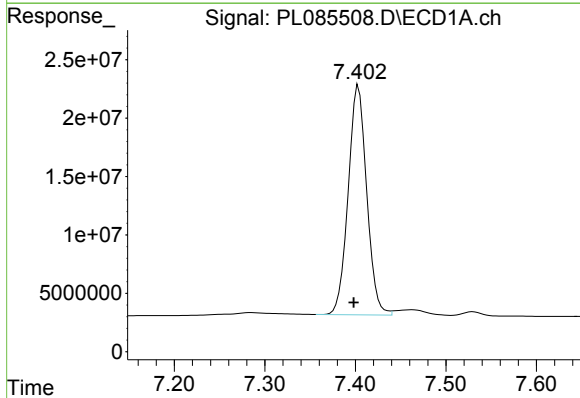
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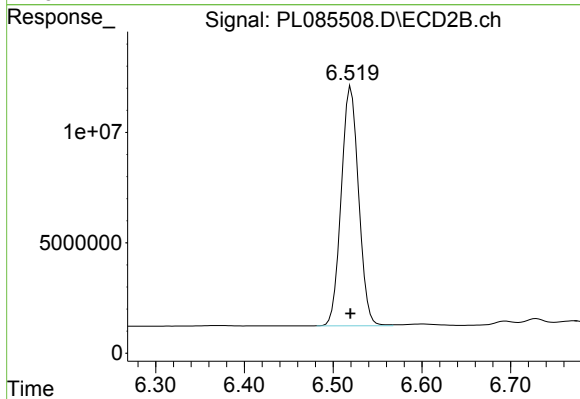
#18 Endrin aldehyde

R.T.: 6.001 min
Delta R.T.: 0.002 min
Response: 2813921
Conc: 2.86 ng/ml m



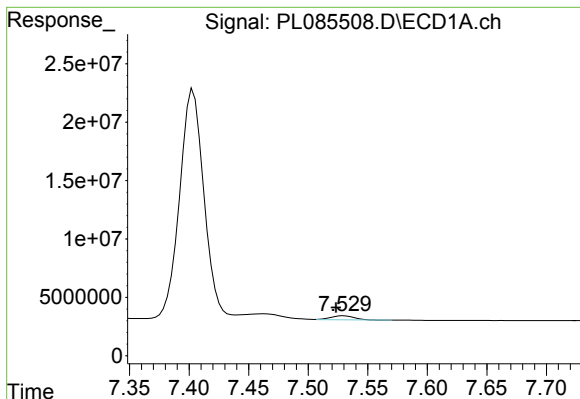
#20 Methoxychlor

R.T.: 7.404 min
Delta R.T.: 0.005 min
Response: 279736881
Conc: 210.01 ng/ml



#20 Methoxychlor

R.T.: 6.520 min
Delta R.T.: 0.000 min
Response: 147484192
Conc: 232.61 ng/ml



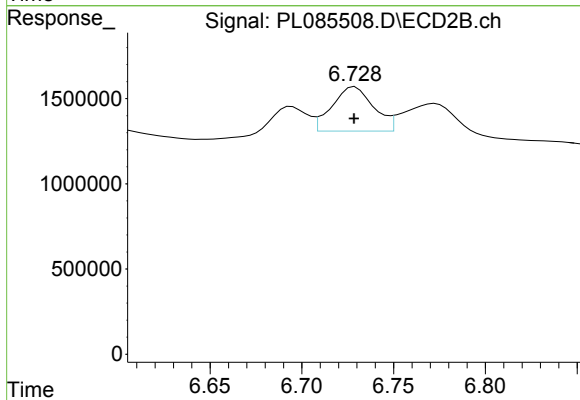
#21 Endrin ketone

R.T.: 7.530 min
Delta R.T.: 0.007 min
Response: 4639823
Conc: 1.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

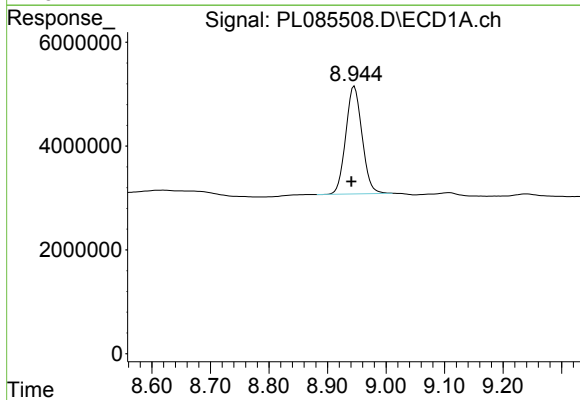
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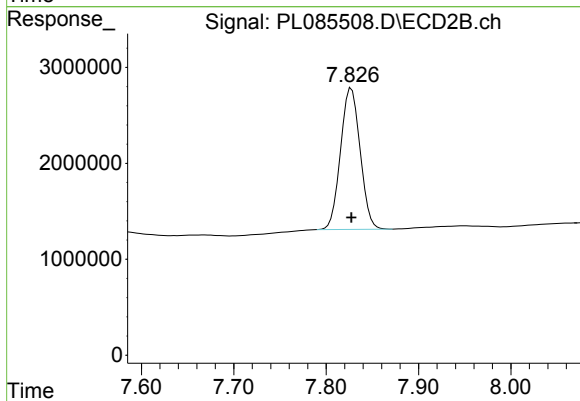
#21 Endrin ketone

R.T.: 6.728 min
Delta R.T.: 0.000 min
Response: 4069328
Conc: 2.60 ng/ml m



#28 Decachlorobiphenyl

R.T.: 8.946 min
Delta R.T.: 0.005 min
Response: 40109734
Conc: 19.55 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.827 min
Delta R.T.: 0.000 min
Response: 21736500
Conc: 18.31 ng/ml