

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092723\
 Data File : PL085531.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Sep 2023 08:51
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 09/28/2023
 Supervised By : Ankita Jodhani 09/28/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 27 21:31:21 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...	3.416	2.652	50791210	20519805	19.749	18.085
28)	SA Decachlor...	8.946	7.827	44163785	23402316	21.521	19.711
Target Compounds							
2)	A alpha-BHC	3.872	3.155	35744379	14262547	9.785	8.625
3)	MA gamma-BHC...	4.204	3.484	34940986	14273896	9.853	8.902
6)	B beta-BHC	4.406	3.787	16503863	7027165	10.568	10.419
14)	MA Endrin	6.456	5.519	114.6E6	57894027	48.075	47.940
16)	A 4,4'-DDD	6.589	5.681	687601	253012	0.343m	0.252m#
17)	MA 4,4'-DDT	6.919	5.934	225.2E6	116.8E6	107.254	108.738
18)	B Endrin al...	6.809	6.002	3621896	3959096	2.009m	4.027 #
20)	A Methoxychlor	7.404	6.520	302.8E6	151.4E6	227.331	238.718
21)	B Endrin ke...	7.529	6.726	5215820	5237877	2.093	3.346m#

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

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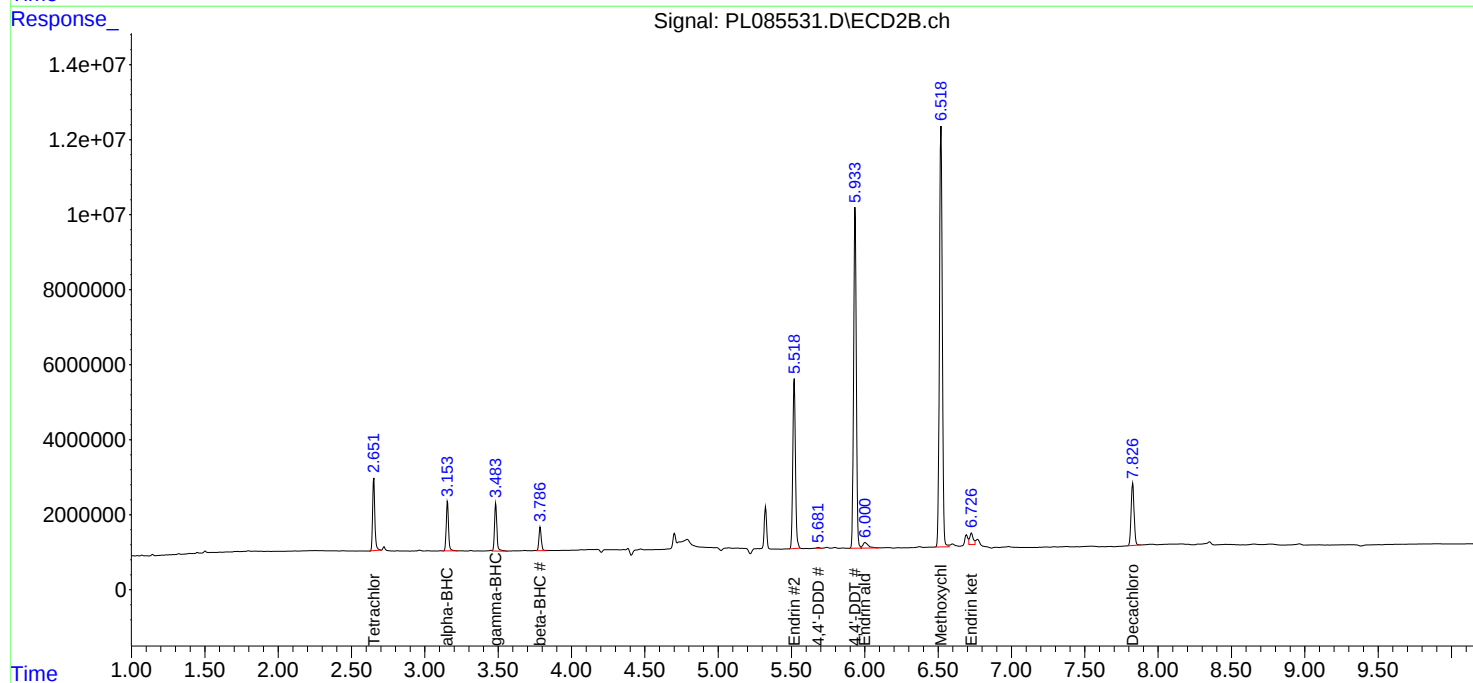
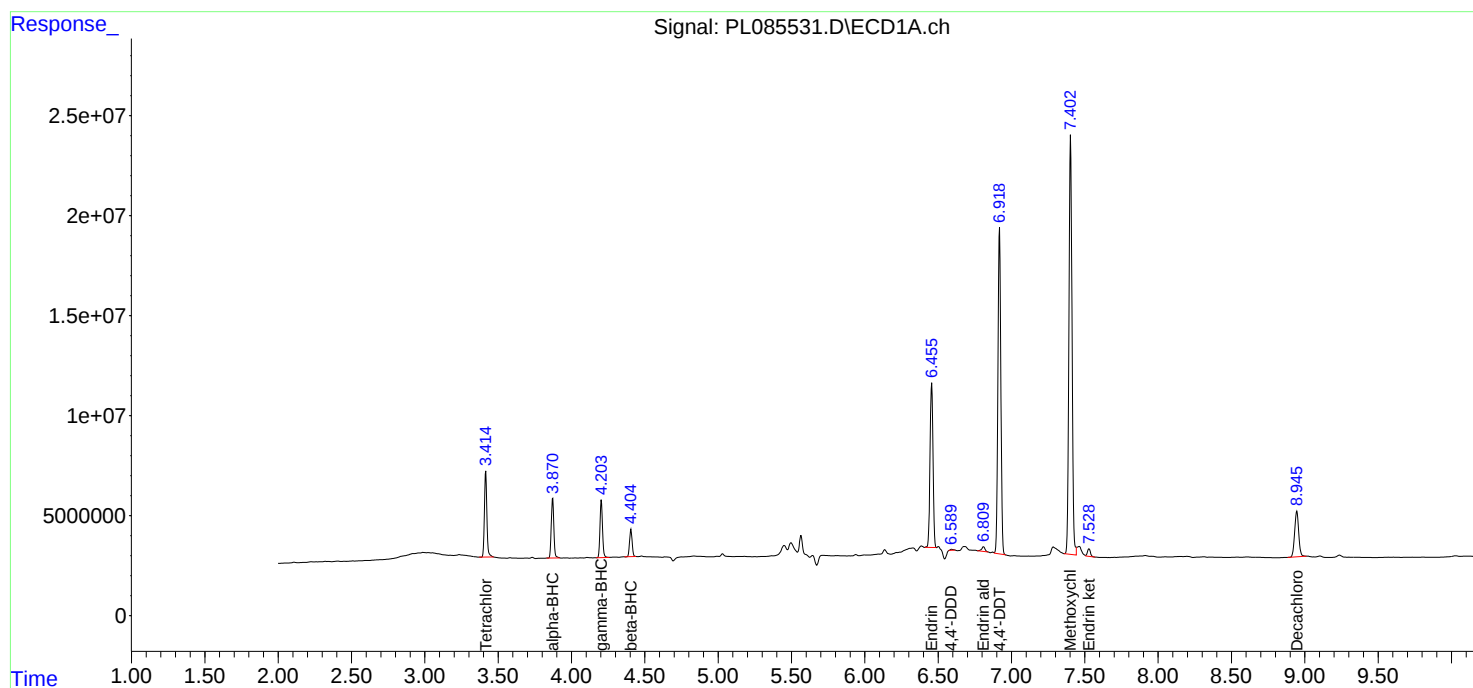
Instrument :
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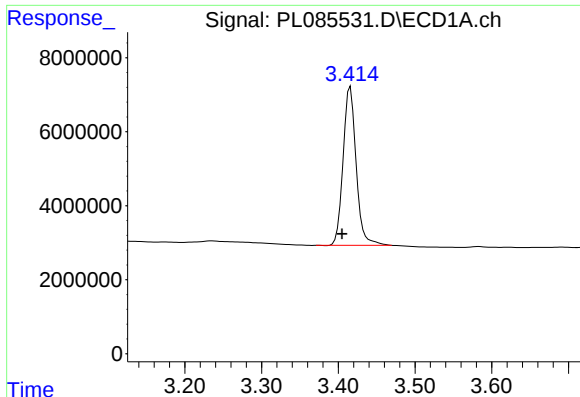
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Integration File signal 1: autoint1.e
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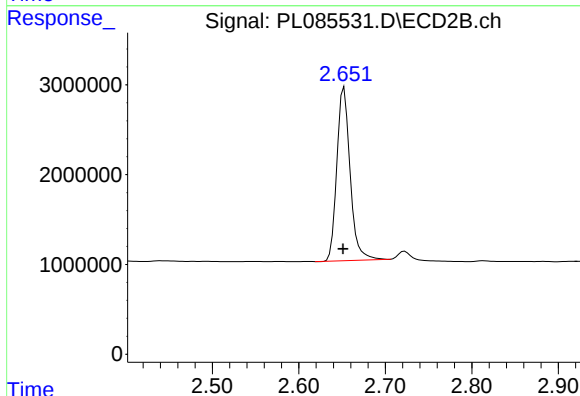
#1 Tetrachloro-m-xylene

R.T.: 3.416 min
Delta R.T.: 0.011 min
Response: 50791210
Conc: 19.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

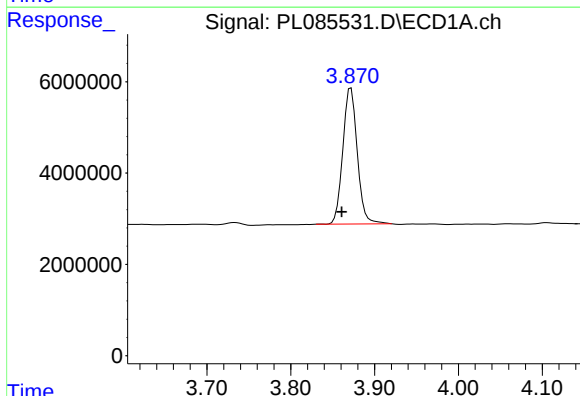
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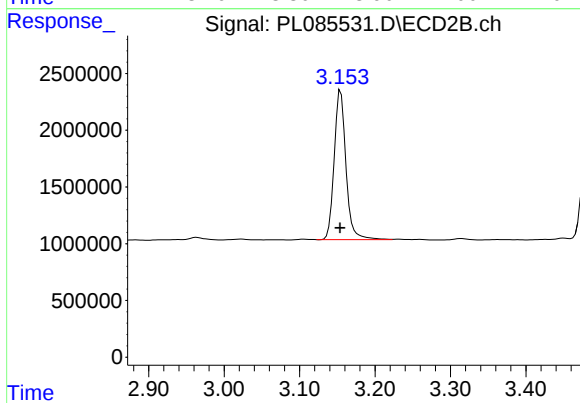
#1 Tetrachloro-m-xylene

R.T.: 2.652 min
Delta R.T.: 0.001 min
Response: 20519805
Conc: 18.08 ng/ml



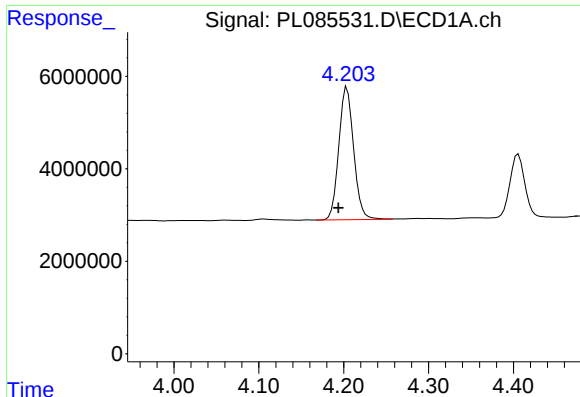
#2 alpha-BHC

R.T.: 3.872 min
Delta R.T.: 0.011 min
Response: 35744379
Conc: 9.79 ng/ml



#2 alpha-BHC

R.T.: 3.155 min
Delta R.T.: 0.000 min
Response: 14262547
Conc: 8.62 ng/ml



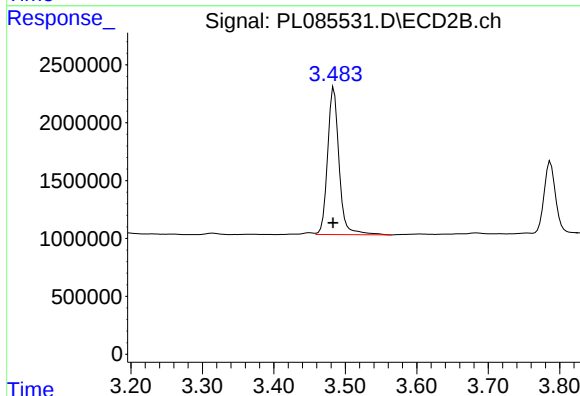
#3 gamma-BHC (Lindane)

R.T.: 4.204 min
Delta R.T.: 0.010 min
Response: 34940986
Conc: 9.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

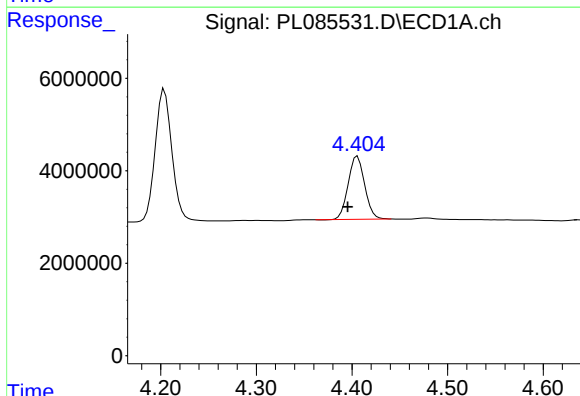
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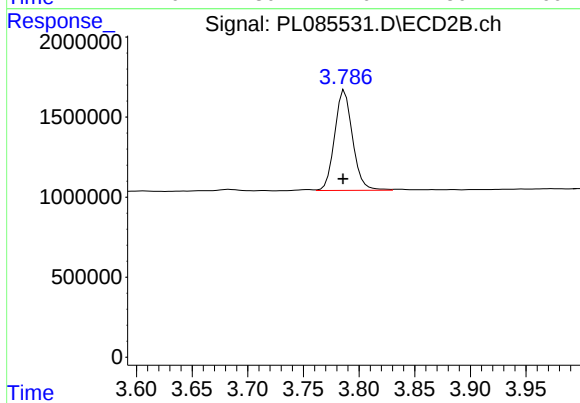
#3 gamma-BHC (Lindane)

R.T.: 3.484 min
Delta R.T.: 0.000 min
Response: 14273896
Conc: 8.90 ng/ml



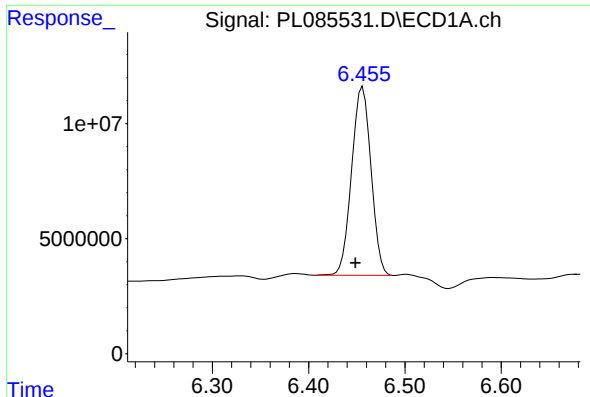
#6 beta-BHC

R.T.: 4.406 min
Delta R.T.: 0.010 min
Response: 16503863
Conc: 10.57 ng/ml



#6 beta-BHC

R.T.: 3.787 min
Delta R.T.: 0.001 min
Response: 7027165
Conc: 10.42 ng/ml



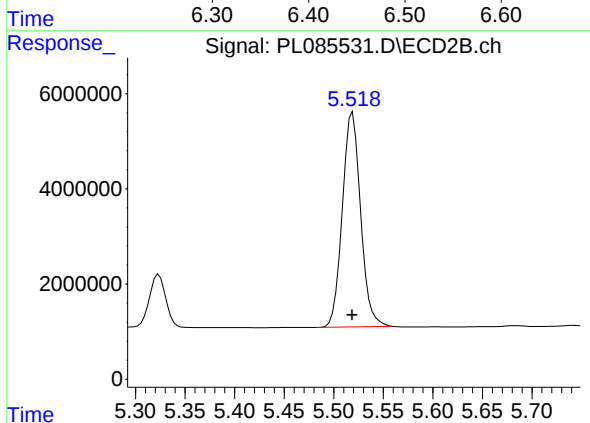
#14 Endrin

R.T.: 6.456 min
Delta R.T.: 0.008 min
Response: 114552245
Conc: 48.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

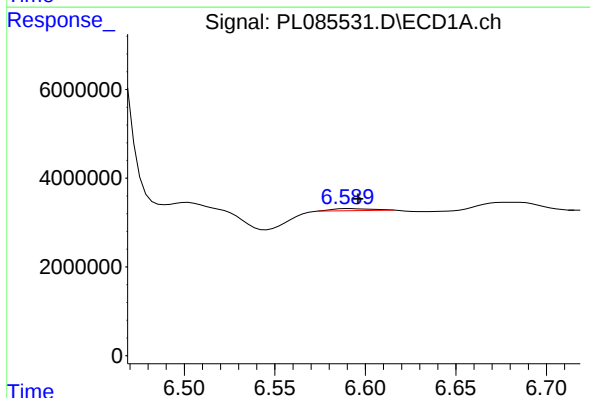
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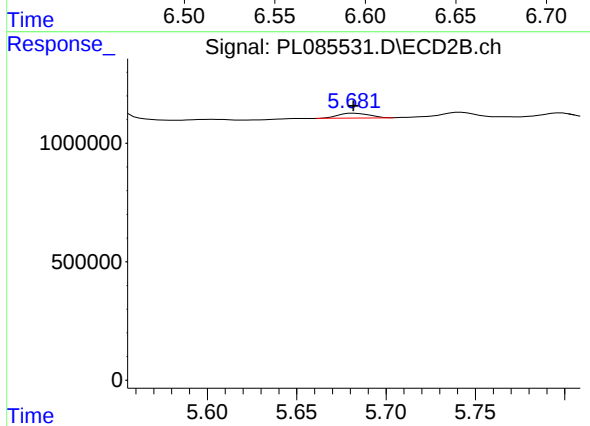
#14 Endrin

R.T.: 5.519 min
Delta R.T.: 0.000 min
Response: 57894027
Conc: 47.94 ng/ml



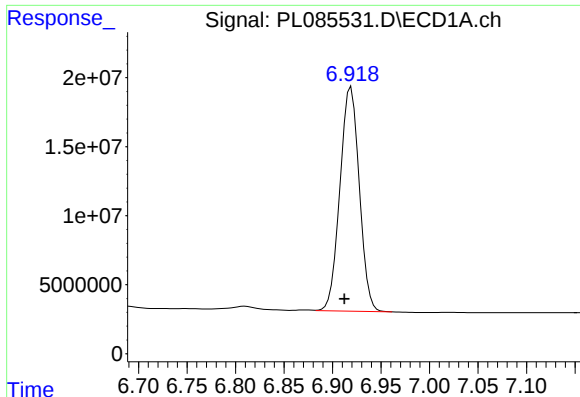
#16 4,4'-DDD

R.T.: 6.589 min
Delta R.T.: -0.007 min
Response: 687601
Conc: 0.34 ng/ml m



#16 4,4'-DDD

R.T.: 5.681 min
Delta R.T.: -0.001 min
Response: 253012
Conc: 0.25 ng/ml m



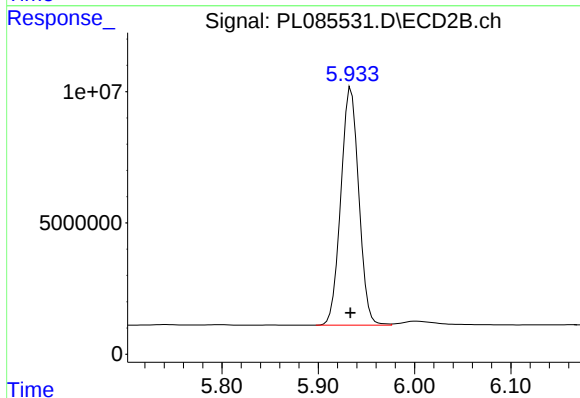
#17 4,4'-DDT

R.T.: 6.919 min
Delta R.T.: 0.007 min
Response: 225174579
Conc: 107.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

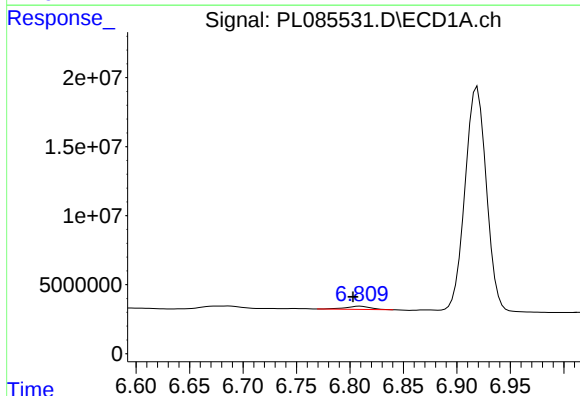
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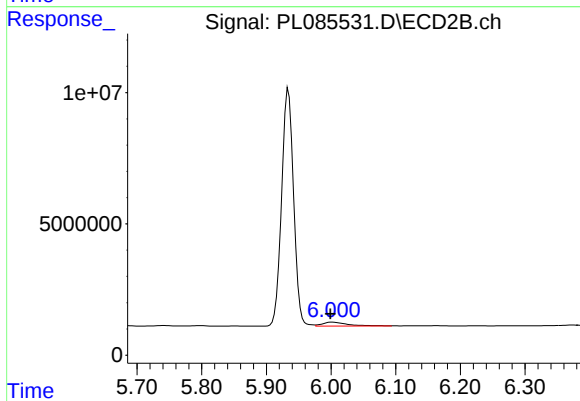
#17 4,4'-DDT

R.T.: 5.934 min
Delta R.T.: 0.000 min
Response: 116759626
Conc: 108.74 ng/ml



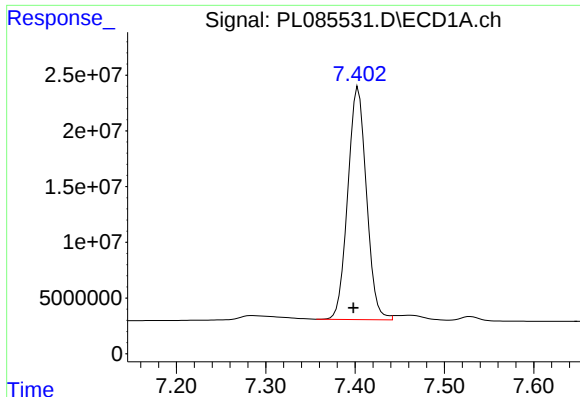
#18 Endrin aldehyde

R.T.: 6.809 min
Delta R.T.: 0.006 min
Response: 3621896
Conc: 2.01 ng/ml m



#18 Endrin aldehyde

R.T.: 6.002 min
Delta R.T.: 0.002 min
Response: 3959096
Conc: 4.03 ng/ml



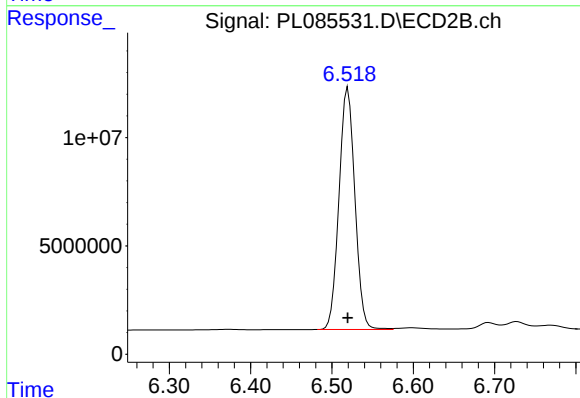
#20 Methoxychlor

R.T.: 7.404 min
Delta R.T.: 0.005 min
Response: 302807026
Conc: 227.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

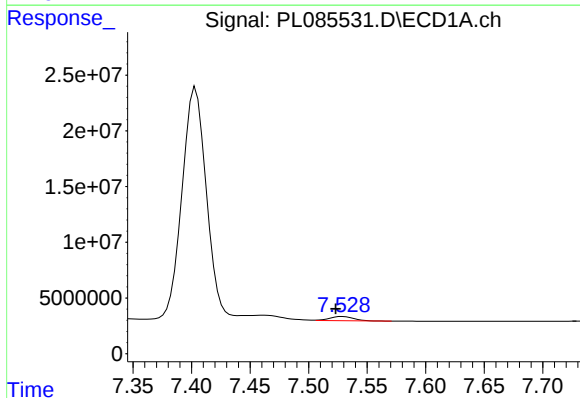
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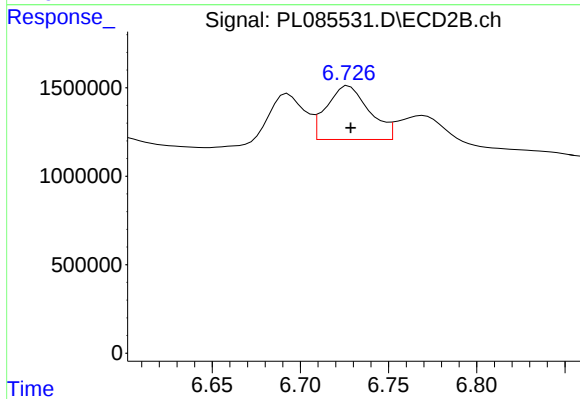
#20 Methoxychlor

R.T.: 6.520 min
Delta R.T.: 0.000 min
Response: 151355750
Conc: 238.72 ng/ml



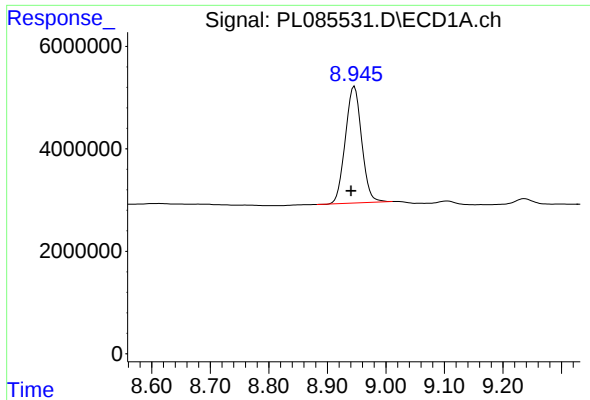
#21 Endrin ketone

R.T.: 7.529 min
Delta R.T.: 0.006 min
Response: 5215820
Conc: 2.09 ng/ml



#21 Endrin ketone

R.T.: 6.726 min
Delta R.T.: -0.003 min
Response: 5237877
Conc: 3.35 ng/ml m



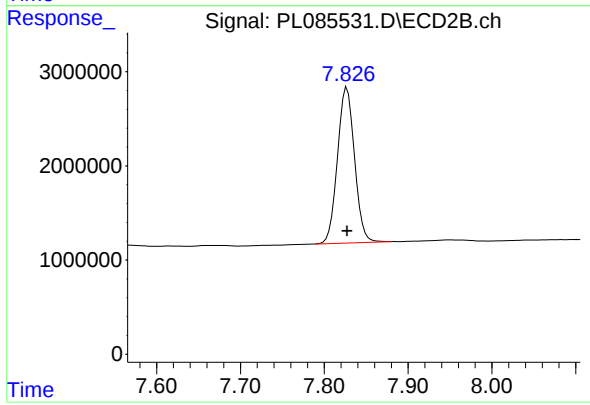
#28 Decachlorobiphenyl

R.T.: 8.946 min
Delta R.T.: 0.005 min
Response: 44163785
Conc: 21.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 7.827 min
Delta R.T.: 0.000 min
Response: 23402316
Conc: 19.71 ng/ml