

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092823\
 Data File : PL085553.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Sep 2023 08:29
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 09/29/2023
 Supervised By : Ankita Jodhani 10/02/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 29 06:45:48 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...	3.417	2.653	50111554	20917840	19.484	18.435
28)	SA Decachlor...	8.945	7.826	42291315	23525730	20.608	19.815
Target Compounds							
2)	A alpha-BHC	3.873	3.155	35512880	14415825	9.722	8.717
3)	MA gamma-BHC...	4.206	3.485	34715895	14446540	9.789	9.010
6)	B beta-BHC	4.407	3.788	16532322	7194746	10.587	10.667
14)	MA Endrin	6.456	5.519	112.3E6	60229352	47.129	49.874
16)	A 4,4'-DDD	6.603	5.682	1679783	610537	0.838m	0.609 #
17)	MA 4,4'-DDT	6.919	5.933	217.4E6	117.0E6	103.528	108.924
18)	B Endrin al...	6.809	6.001	3943981	2195752	2.187m	2.234m
20)	A Methoxychlor	7.404	6.519	291.7E6	149.7E6	218.996	236.126
21)	B Endrin ke...	7.530	6.726	5371526	2640335	2.156	1.687m

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

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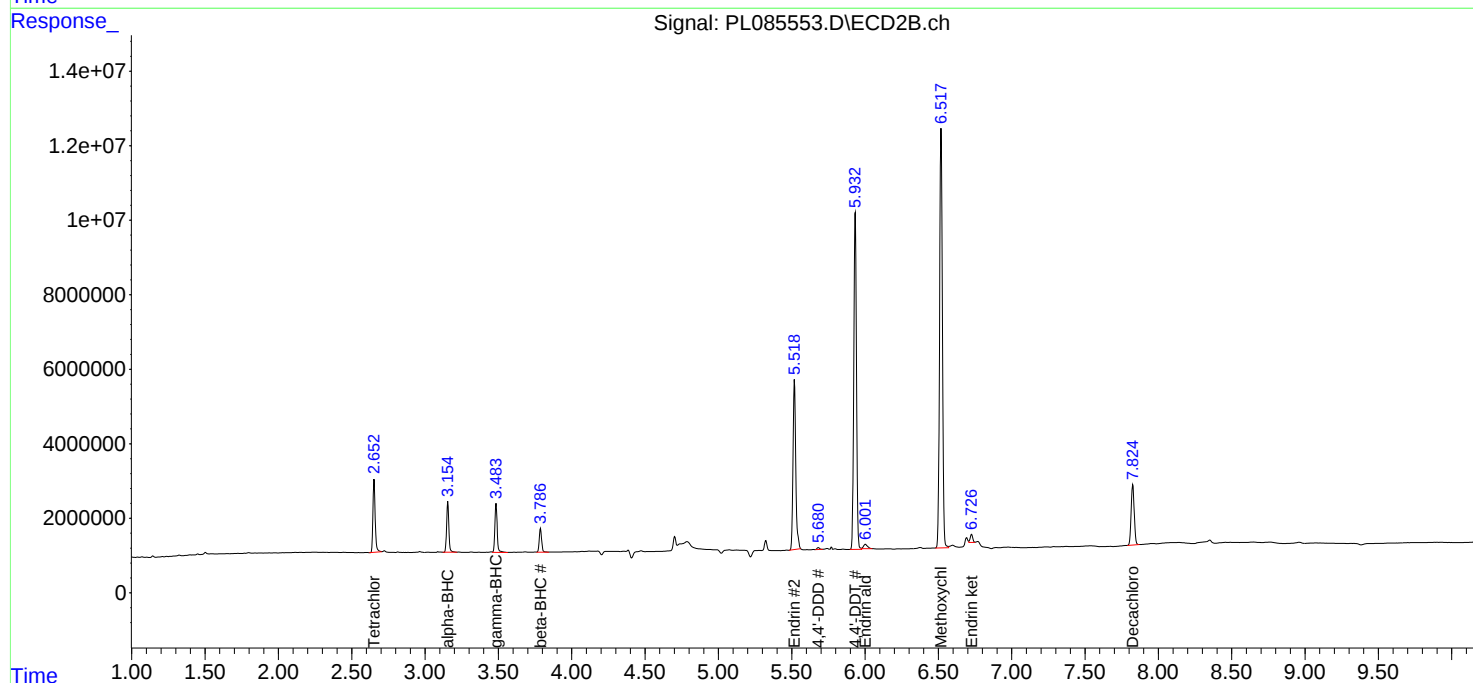
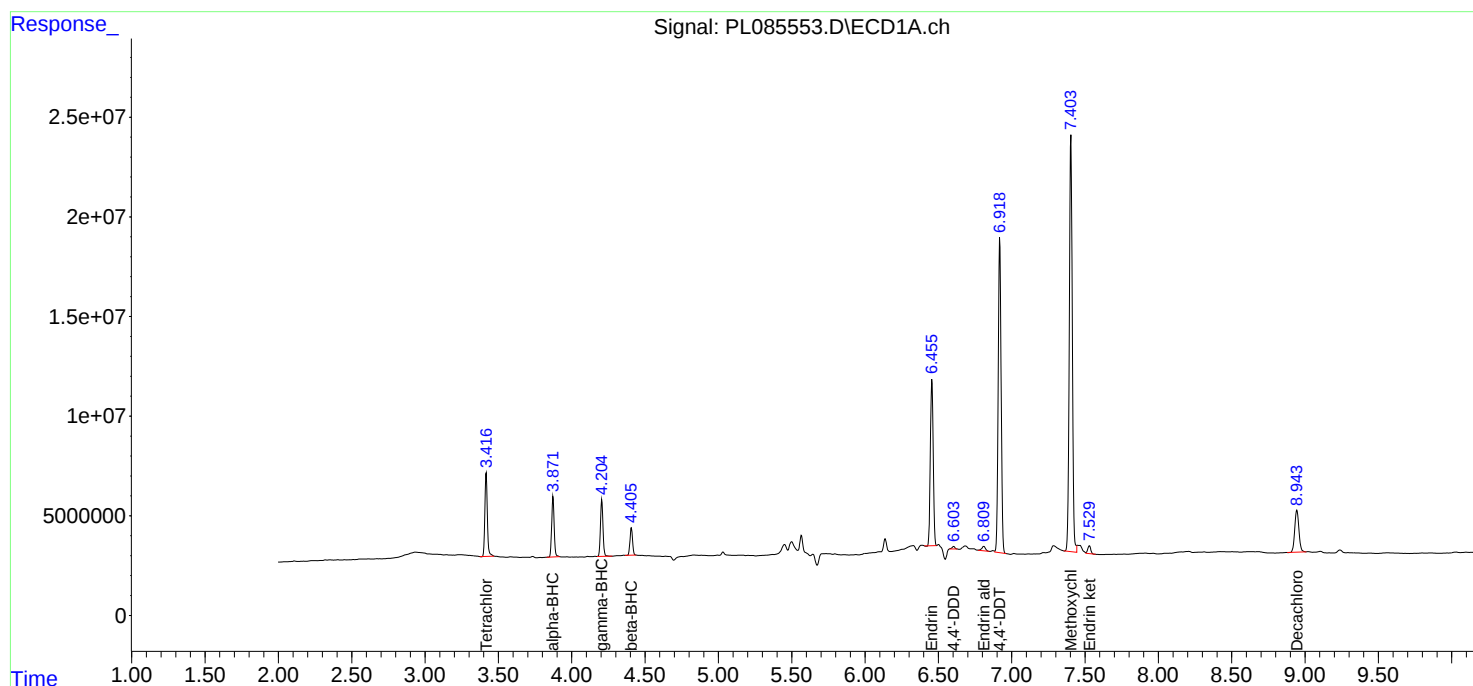
Instrument :
ECD_L
ClientSampleId :
PEM

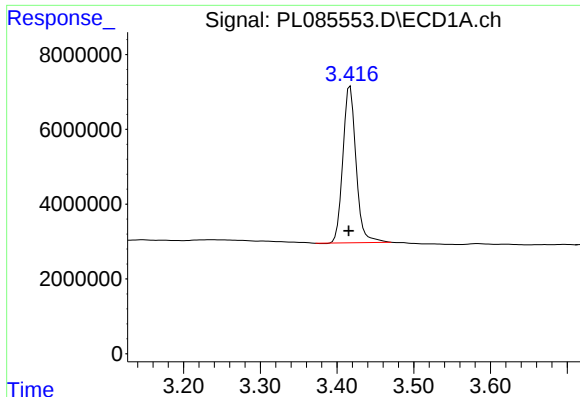
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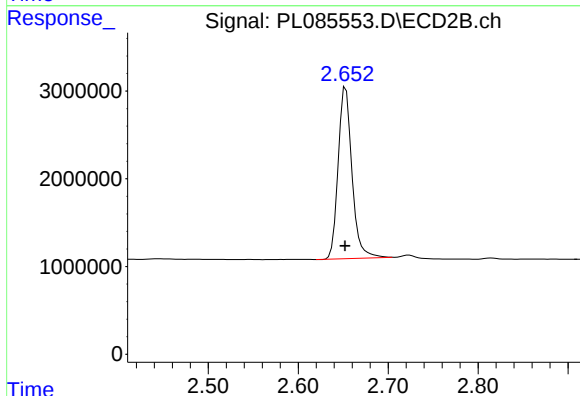
#1 Tetrachloro-m-xylene

R.T.: 3.417 min
Delta R.T.: 0.002 min
Response: 50111554
Conc: 19.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

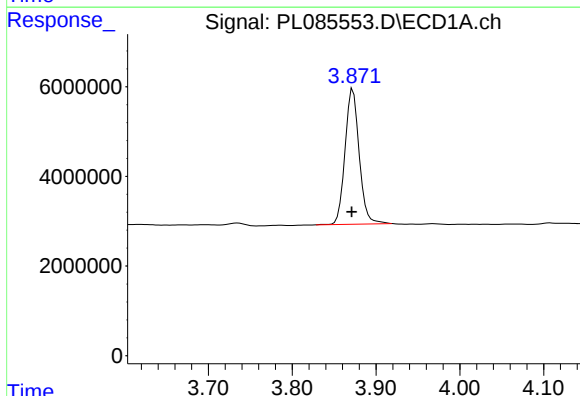
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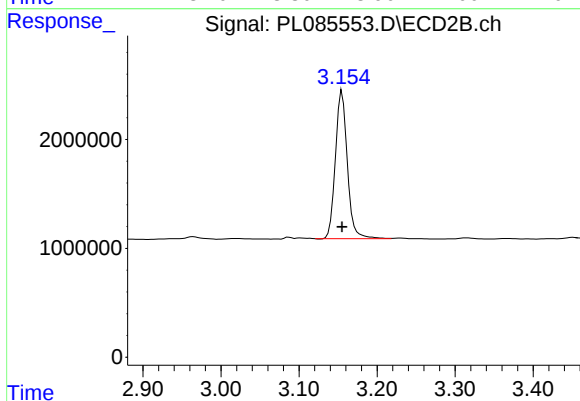
#1 Tetrachloro-m-xylene

R.T.: 2.653 min
Delta R.T.: 0.000 min
Response: 20917840
Conc: 18.44 ng/ml



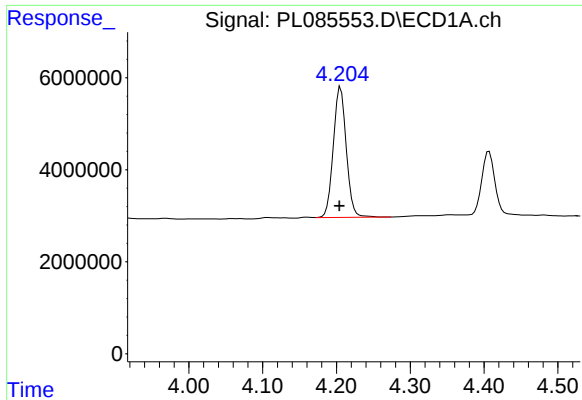
#2 alpha-BHC

R.T.: 3.873 min
Delta R.T.: 0.002 min
Response: 35512880
Conc: 9.72 ng/ml



#2 alpha-BHC

R.T.: 3.155 min
Delta R.T.: 0.000 min
Response: 14415825
Conc: 8.72 ng/ml



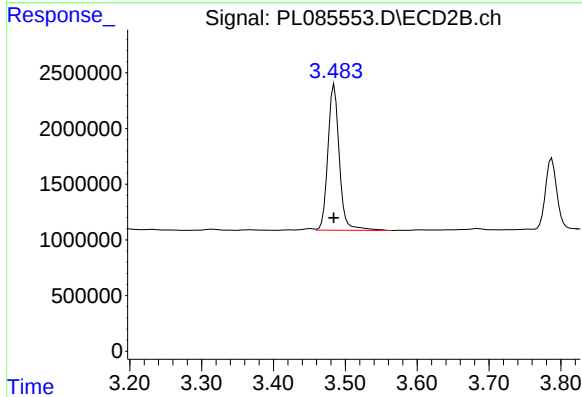
#3 gamma-BHC (Lindane)

R.T.: 4.206 min
Delta R.T.: 0.002 min
Response: 34715895
Conc: 9.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

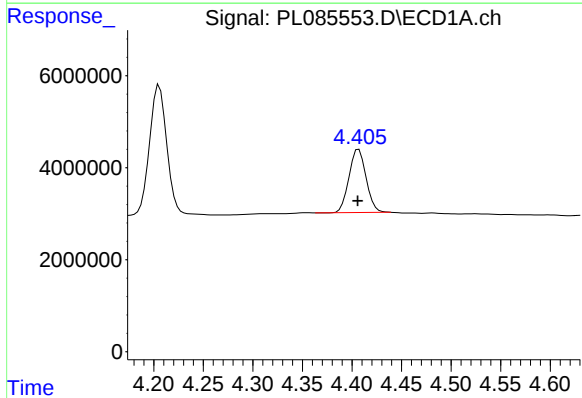
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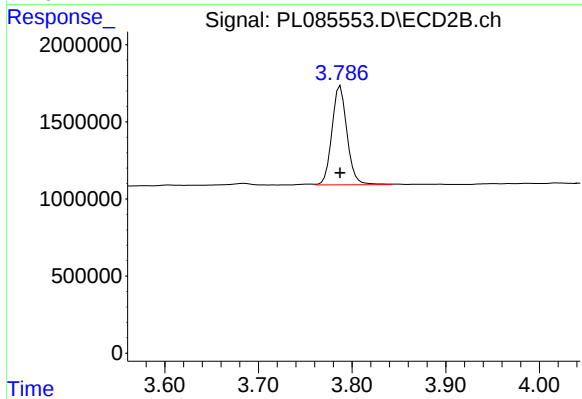
#3 gamma-BHC (Lindane)

R.T.: 3.485 min
Delta R.T.: 0.000 min
Response: 14446540
Conc: 9.01 ng/ml



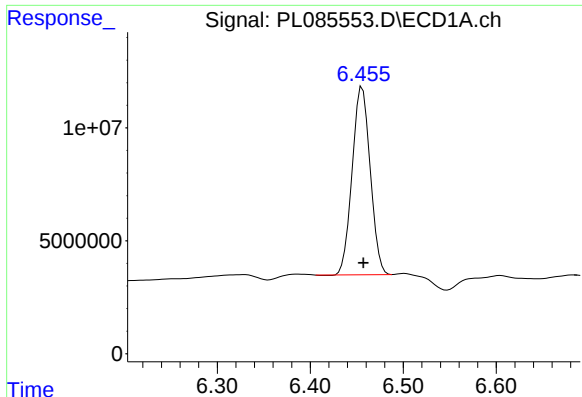
#6 beta-BHC

R.T.: 4.407 min
Delta R.T.: 0.000 min
Response: 16532322
Conc: 10.59 ng/ml



#6 beta-BHC

R.T.: 3.788 min
Delta R.T.: 0.000 min
Response: 7194746
Conc: 10.67 ng/ml



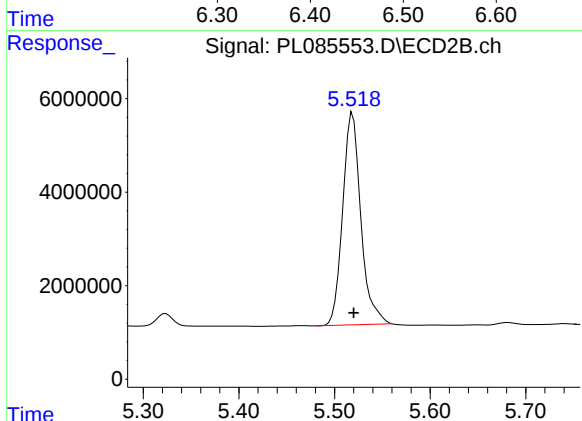
#14 Endrin

R.T.: 6.456 min
Delta R.T.: 0.000 min
Response: 112297582
Conc: 47.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

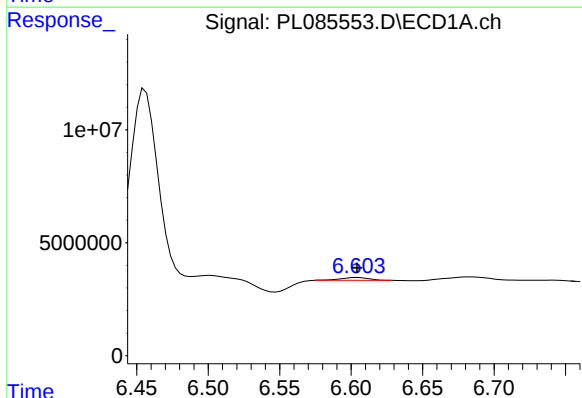
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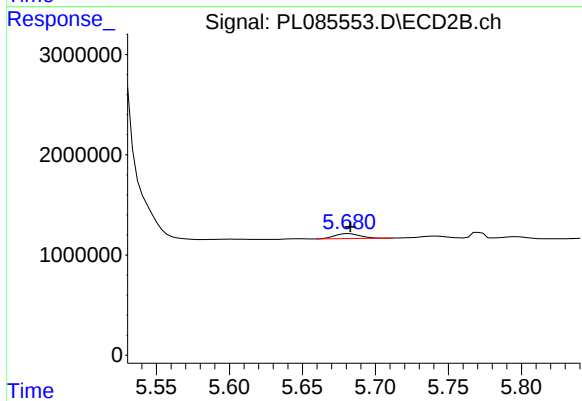
#14 Endrin

R.T.: 5.519 min
Delta R.T.: 0.000 min
Response: 60229352
Conc: 49.87 ng/ml



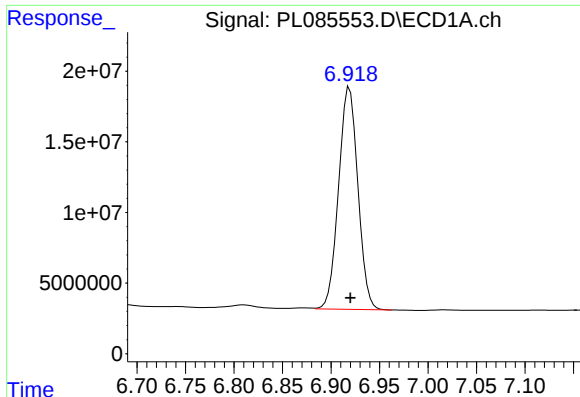
#16 4,4'-DDD

R.T.: 6.603 min
Delta R.T.: 0.000 min
Response: 1679783
Conc: 0.84 ng/ml m



#16 4,4'-DDD

R.T.: 5.682 min
Delta R.T.: -0.001 min
Response: 610537
Conc: 0.61 ng/ml



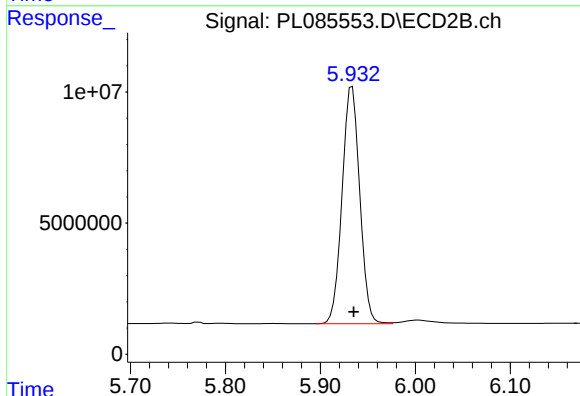
#17 4,4'-DDT

R.T.: 6.919 min
Delta R.T.: 0.000 min
Response: 217351742
Conc: 103.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

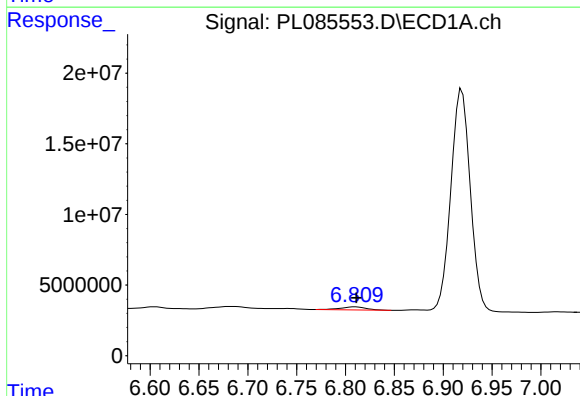
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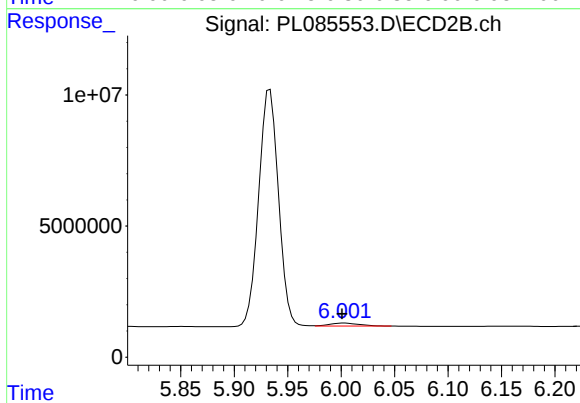
#17 4,4'-DDT

R.T.: 5.933 min
Delta R.T.: -0.002 min
Response: 116959032
Conc: 108.92 ng/ml



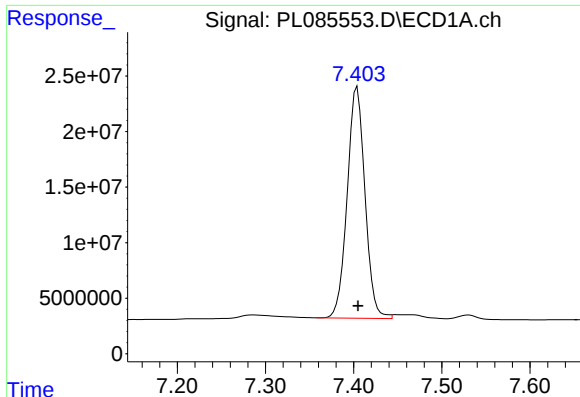
#18 Endrin aldehyde

R.T.: 6.809 min
Delta R.T.: -0.002 min
Response: 3943981
Conc: 2.19 ng/ml m



#18 Endrin aldehyde

R.T.: 6.001 min
Delta R.T.: 0.000 min
Response: 2195752
Conc: 2.23 ng/ml m



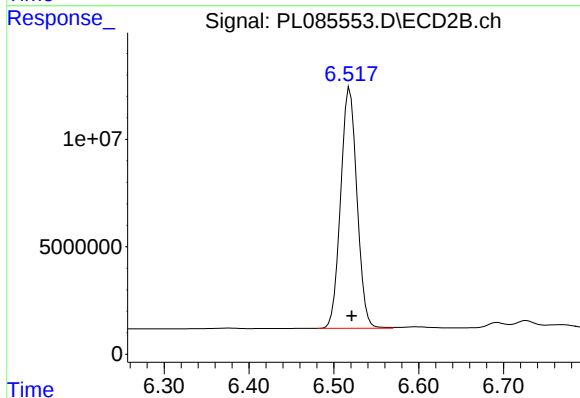
#20 Methoxychlor

R.T.: 7.404 min
Delta R.T.: 0.000 min
Response: 291704515
Conc: 219.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

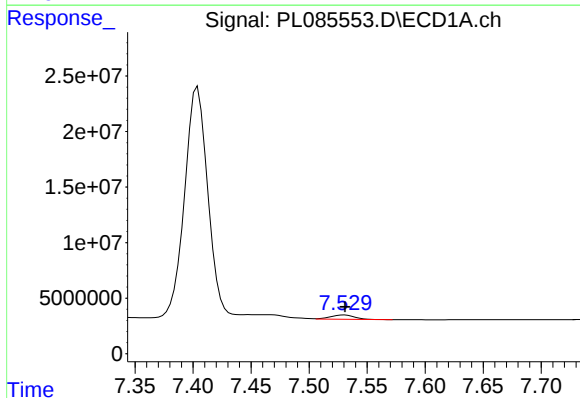
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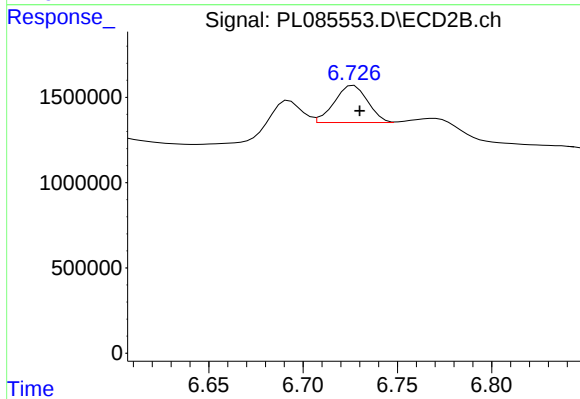
#20 Methoxychlor

R.T.: 6.519 min
Delta R.T.: -0.002 min
Response: 149712297
Conc: 236.13 ng/ml



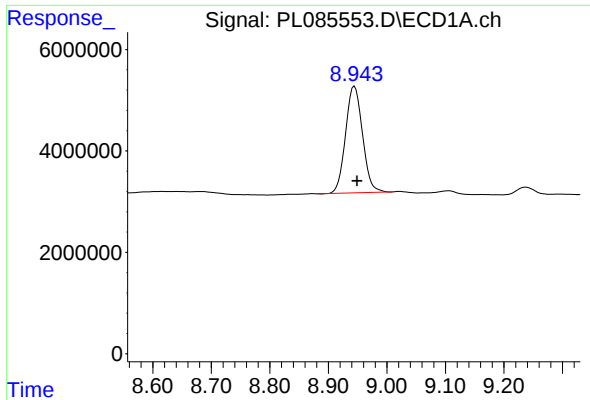
#21 Endrin ketone

R.T.: 7.530 min
Delta R.T.: 0.000 min
Response: 5371526
Conc: 2.16 ng/ml



#21 Endrin ketone

R.T.: 6.726 min
Delta R.T.: -0.004 min
Response: 2640335
Conc: 1.69 ng/ml m



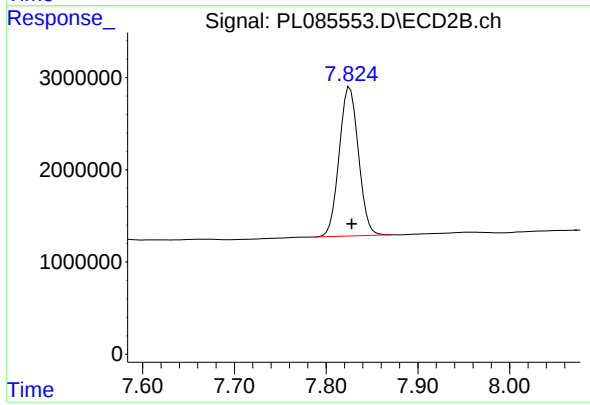
#28 Decachlorobiphenyl

R.T.: 8.945 min
Delta R.T.: -0.004 min
Response: 42291315
Conc: 20.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 7.826 min
Delta R.T.: -0.002 min
Response: 23525730
Conc: 19.82 ng/ml