

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092523\
 Data File : PL085491.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Sep 2023 21:06
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 09/26/2023
 Supervised By : Ankita Jodhani 09/26/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 26 00:19:38 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092523.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 25 17:13:17 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...	3.414	2.650	45820572	20688668	17.816	18.233
28)	SA Decachlor...	8.939	7.822	38554616	22466098	18.787	18.923
Target Compounds							
2)	A alpha-BHC	3.870	3.152	32093046	14369517	8.786	8.689
6)	B beta-BHC	4.404	3.785	15401063	7068358	9.862	10.480
12)	B 4,4'-DDE	6.080	5.121	516097	160476	0.208	0.133m#
14)	MA Endrin	6.453	5.516	95489085	53526055	40.075	44.323
16)	A 4,4'-DDD	6.600	5.679	2387571	994366	1.190	0.991
17)	MA 4,4'-DDT	6.915	5.931	187.0E6	109.0E6	89.070	101.478
18)	B Endrin al...	6.807	5.997	2756668	3342918	1.529	3.401m#
20)	A Methoxychlor	7.399	6.516	251.5E6	144.0E6	188.781	227.196
21)	B Endrin ke...	7.526	6.723	6494928	3836265	2.607	2.451m

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

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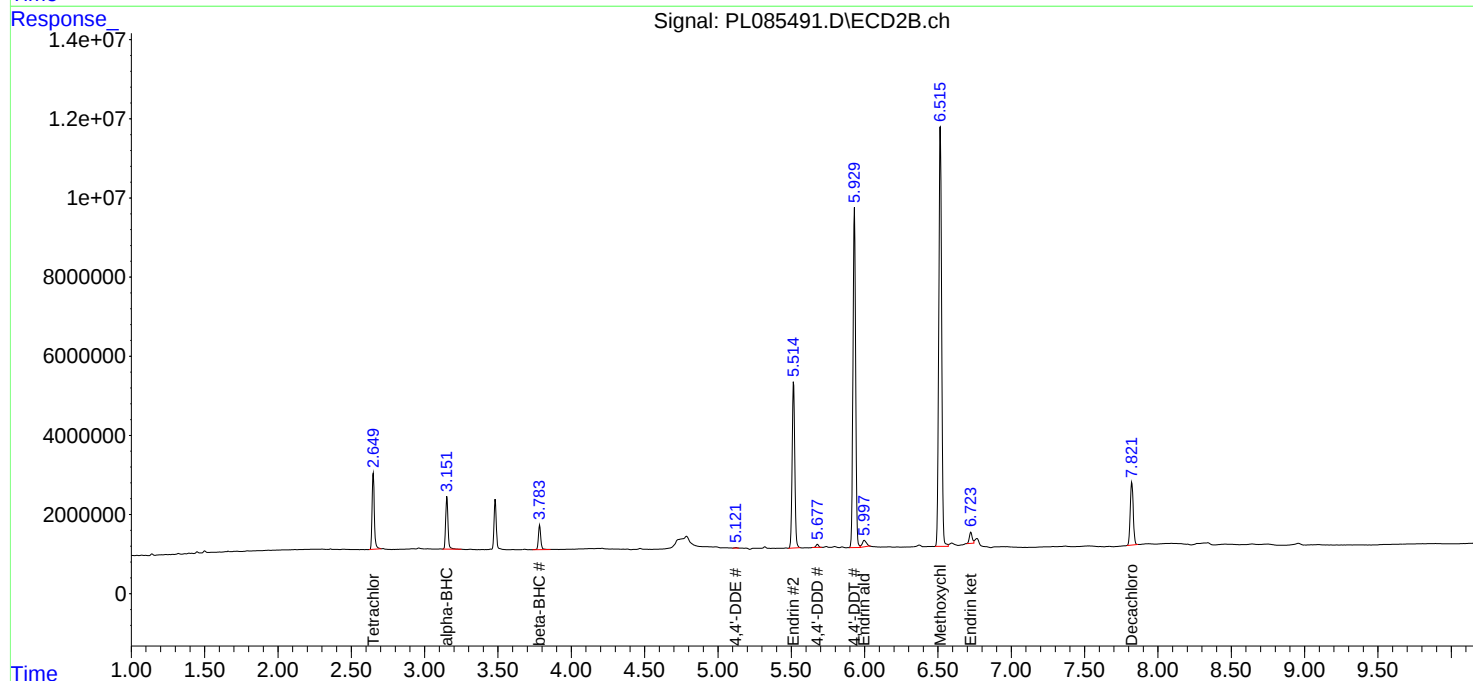
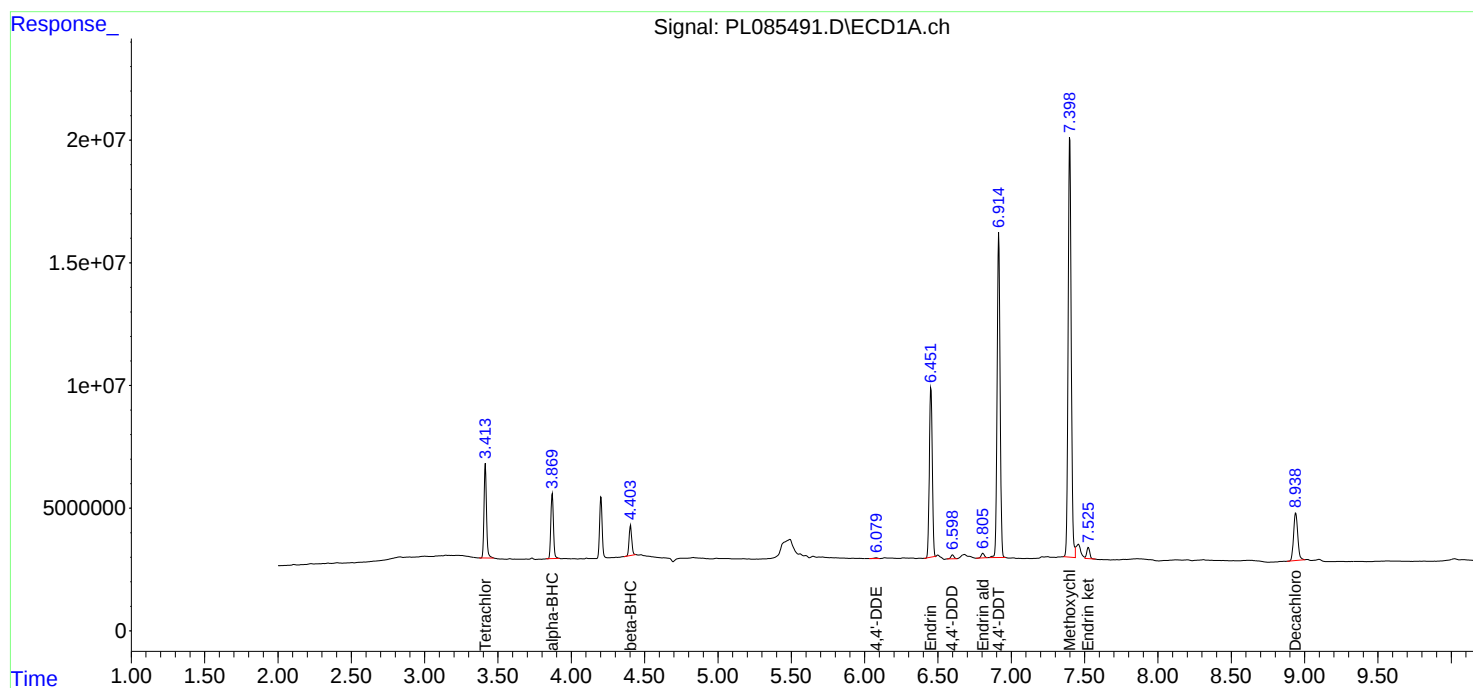
Instrument :
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ClientSampleId :
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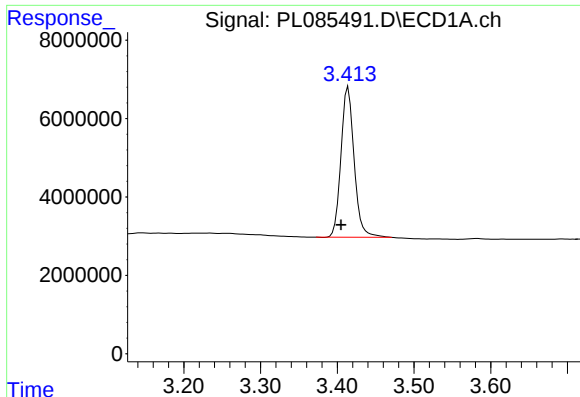
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Integration File signal 1: autoint1.e
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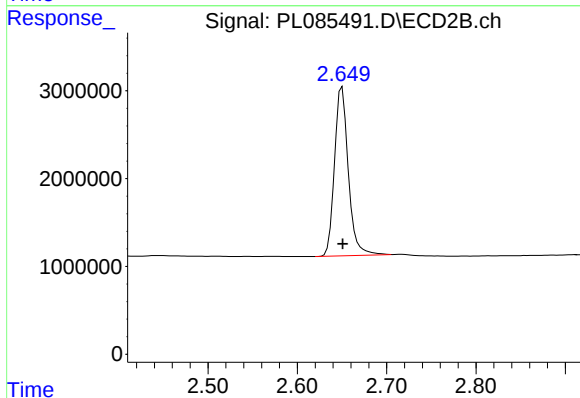
#1 Tetrachloro-m-xylene

R.T.: 3.414 min
Delta R.T.: 0.009 min
Response: 45820572
Conc: 17.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

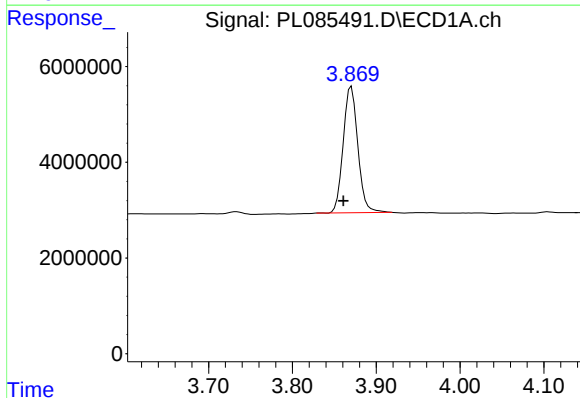
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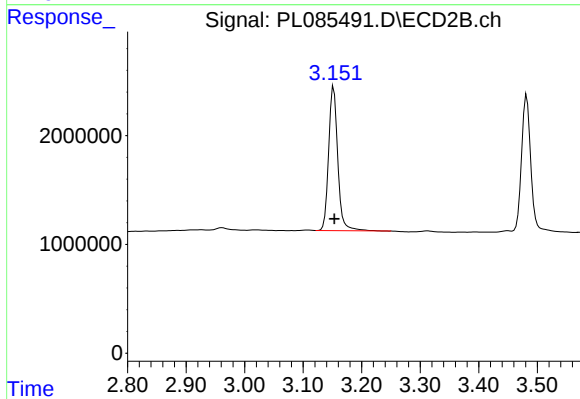
#1 Tetrachloro-m-xylene

R.T.: 2.650 min
Delta R.T.: 0.000 min
Response: 20688668
Conc: 18.23 ng/ml



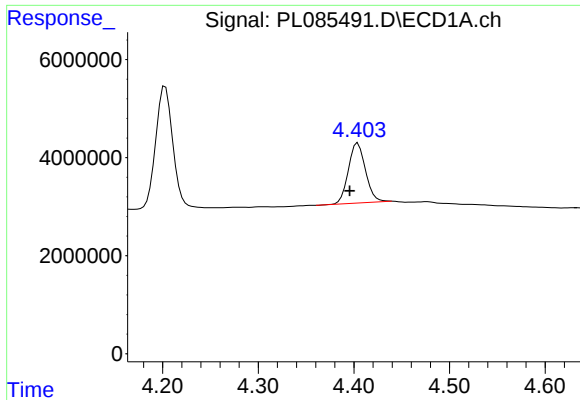
#2 alpha-BHC

R.T.: 3.870 min
Delta R.T.: 0.009 min
Response: 32093046
Conc: 8.79 ng/ml



#2 alpha-BHC

R.T.: 3.152 min
Delta R.T.: -0.002 min
Response: 14369517
Conc: 8.69 ng/ml



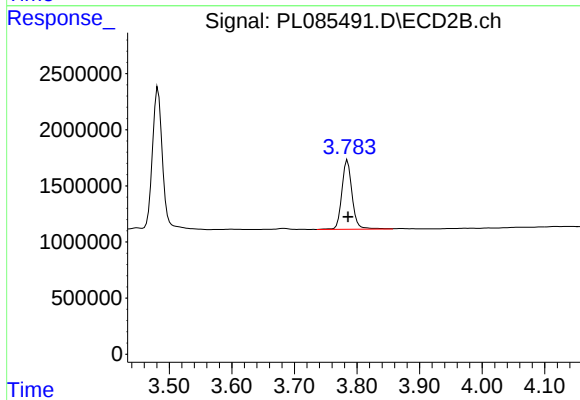
#6 beta-BHC

R.T.: 4.404 min
Delta R.T.: 0.009 min
Response: 15401063
Conc: 9.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

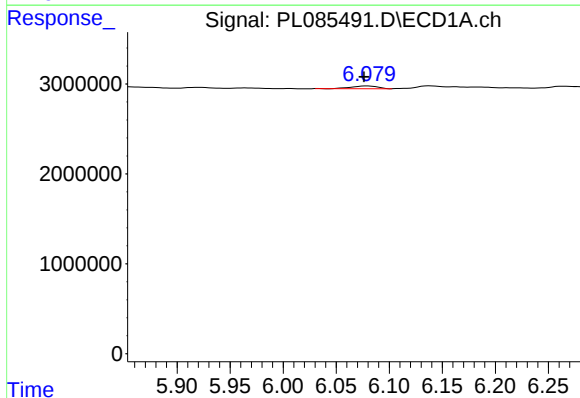
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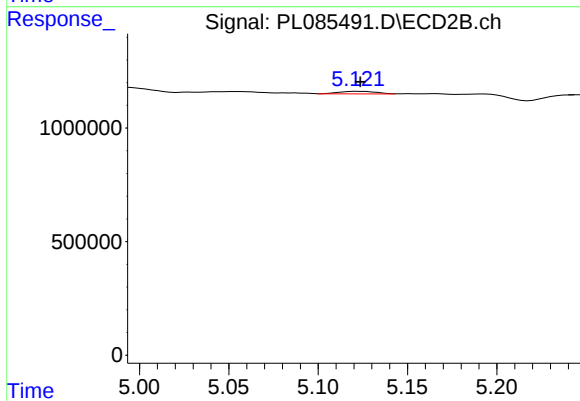
#6 beta-BHC

R.T.: 3.785 min
Delta R.T.: 0.000 min
Response: 7068358
Conc: 10.48 ng/ml



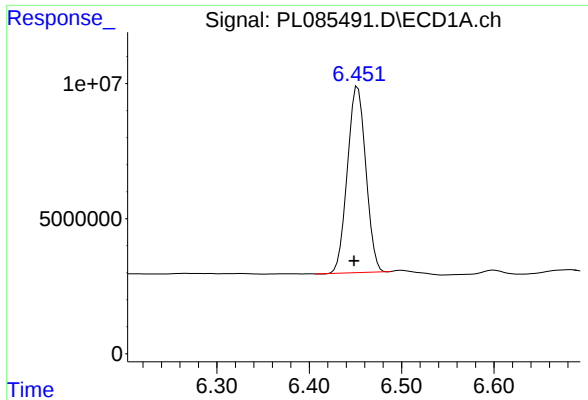
#12 4,4'-DDE

R.T.: 6.080 min
Delta R.T.: 0.004 min
Response: 516097
Conc: 0.21 ng/ml



#12 4,4'-DDE

R.T.: 5.121 min
Delta R.T.: -0.003 min
Response: 160476
Conc: 0.13 ng/ml m



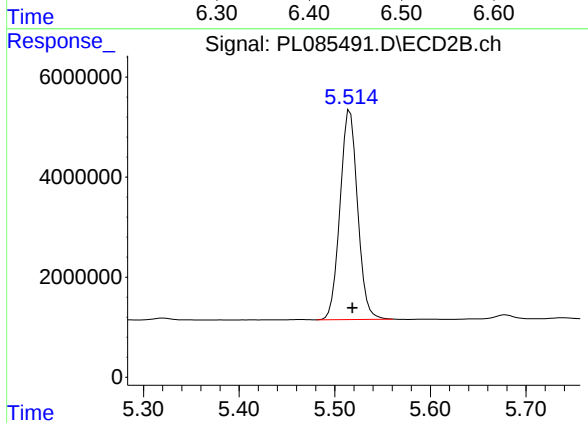
#14 Endrin

R.T.: 6.453 min
Delta R.T.: 0.004 min
Response: 95489085
Conc: 40.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

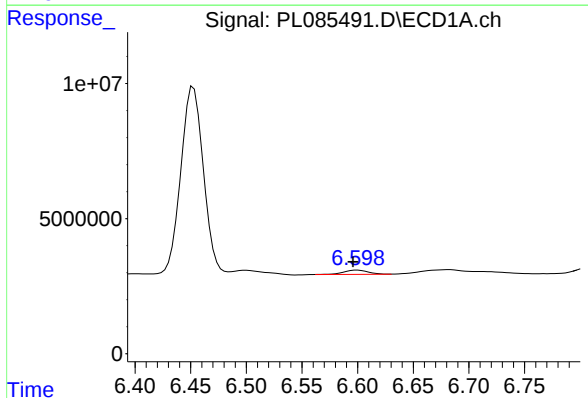
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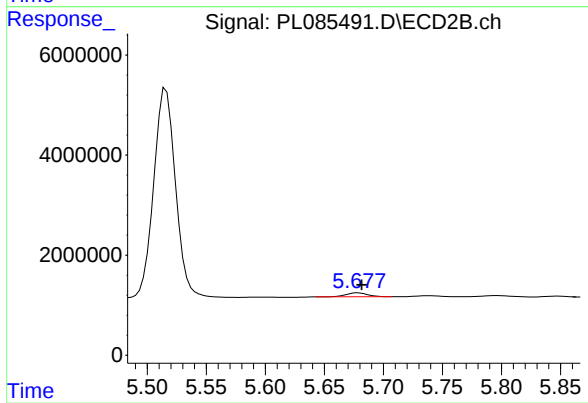
#14 Endrin

R.T.: 5.516 min
Delta R.T.: -0.003 min
Response: 53526055
Conc: 44.32 ng/ml



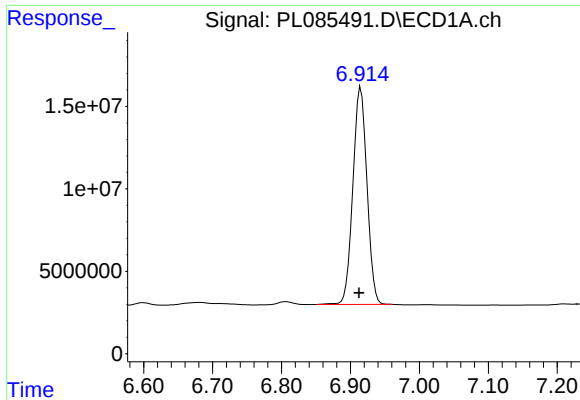
#16 4,4'-DDD

R.T.: 6.600 min
Delta R.T.: 0.004 min
Response: 2387571
Conc: 1.19 ng/ml



#16 4,4'-DDD

R.T.: 5.679 min
Delta R.T.: -0.003 min
Response: 994366
Conc: 0.99 ng/ml



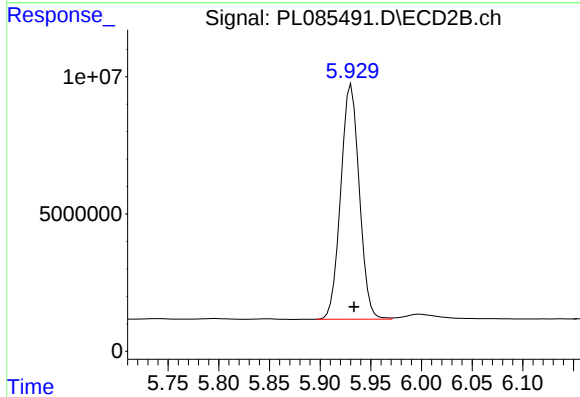
#17 4,4'-DDT

R.T.: 6.915 min
Delta R.T.: 0.003 min
Response: 186996809
Conc: 89.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

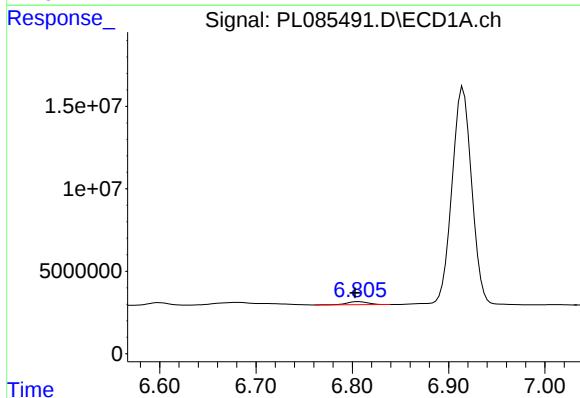
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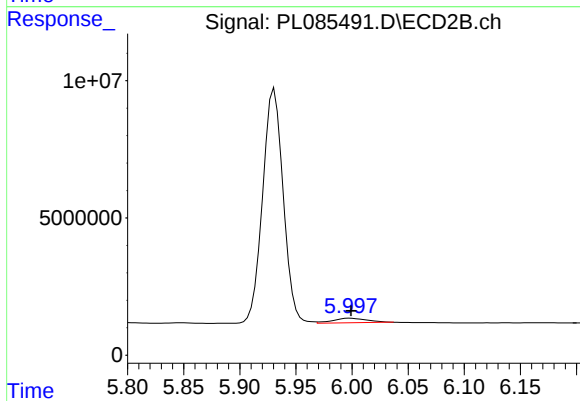
#17 4,4'-DDT

R.T.: 5.931 min
Delta R.T.: -0.003 min
Response: 108963786
Conc: 101.48 ng/ml



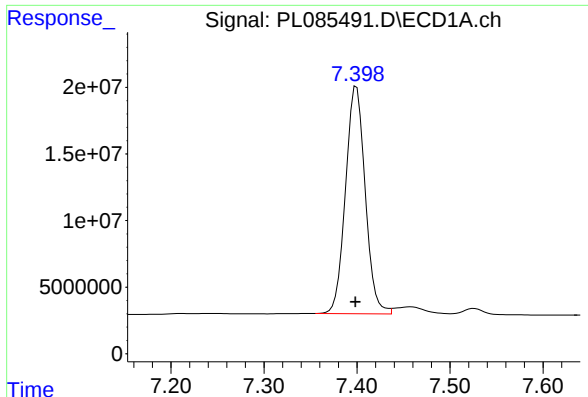
#18 Endrin aldehyde

R.T.: 6.807 min
Delta R.T.: 0.004 min
Response: 2756668
Conc: 1.53 ng/ml



#18 Endrin aldehyde

R.T.: 5.997 min
Delta R.T.: -0.003 min
Response: 3342918
Conc: 3.40 ng/ml m



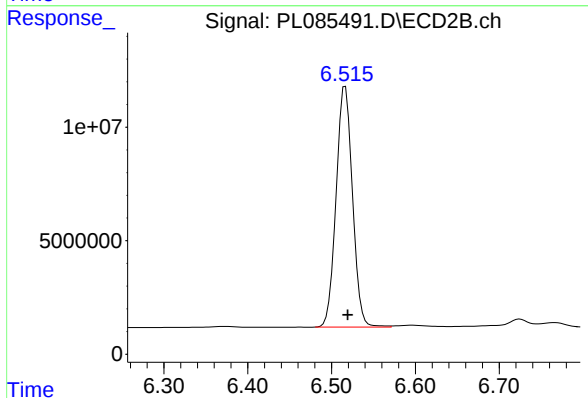
#20 Methoxychlor

R.T.: 7.399 min
Delta R.T.: 0.001 min
Response: 251458013
Conc: 188.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

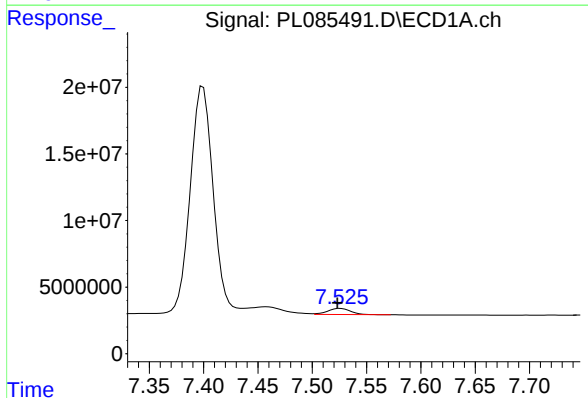
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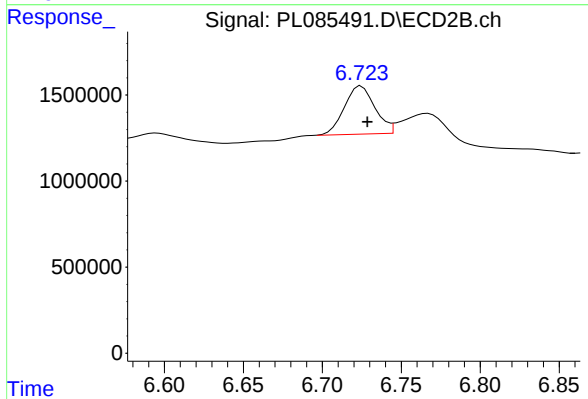
#20 Methoxychlor

R.T.: 6.516 min
Delta R.T.: -0.003 min
Response: 144049906
Conc: 227.20 ng/ml



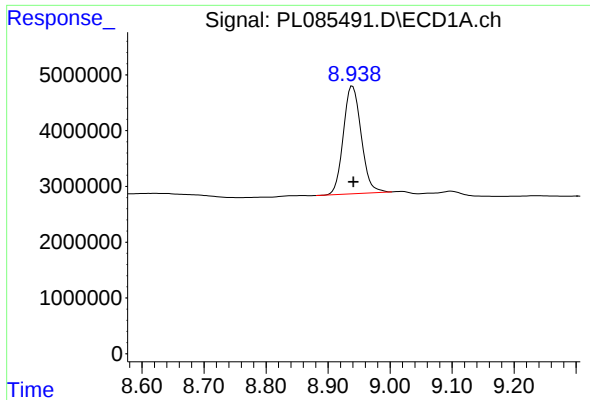
#21 Endrin ketone

R.T.: 7.526 min
Delta R.T.: 0.003 min
Response: 6494928
Conc: 2.61 ng/ml



#21 Endrin ketone

R.T.: 6.723 min
Delta R.T.: -0.005 min
Response: 3836265
Conc: 2.45 ng/ml m



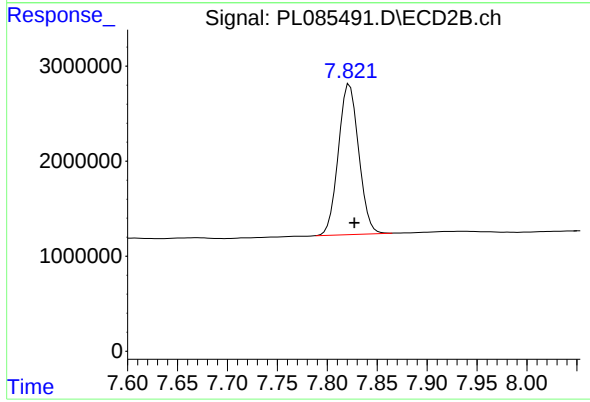
#28 Decachlorobiphenyl

R.T.: 8.939 min
Delta R.T.: -0.001 min
Response: 38554616
Conc: 18.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 7.822 min
Delta R.T.: -0.005 min
Response: 22466098
Conc: 18.92 ng/ml