

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL090222\
 Data File : PL077462.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Sep 2022 13:30
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 09/06/2022
 Supervised By : Ankita Jodhani 09/07/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 02 18:27:40 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL090222.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 02 18:25:23 2022
 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	2.630	28280201	54821481	20.545	20.606
28)	SA Decachlor...	8.909	7.733	24645235	49108709	21.533	20.810
Target Compounds							
2)	A alpha-BHC	3.882	3.123	18992197	40092622	9.458	9.968
3)	MA gamma-BHC...	4.218	3.448	18542294	33752824	9.808	9.629
6)	B beta-BHC	4.430	3.747	8303535	15745657	10.067	10.454
14)	MA Endrin	6.463	5.455	58229350	106.6E6	47.065	46.954
16)	A 4,4'-DDD	6.604	5.614	436476	888431	0.424	0.389
17)	MA 4,4'-DDT	6.915	5.861	115.7E6	237.3E6	98.429	102.322
18)	B Endrin al...	6.822	5.931	1287665	3571208	1.374	1.914 #
20)	A Methoxychlor	7.397	6.439	153.8E6	312.1E6	253.670	244.226
21)	B Endrin ke...	7.543	6.651	2473876	5848452	1.997m	2.269m

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

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Sample : PEM
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ALS Vial : 3 Sample Multiplier: 1

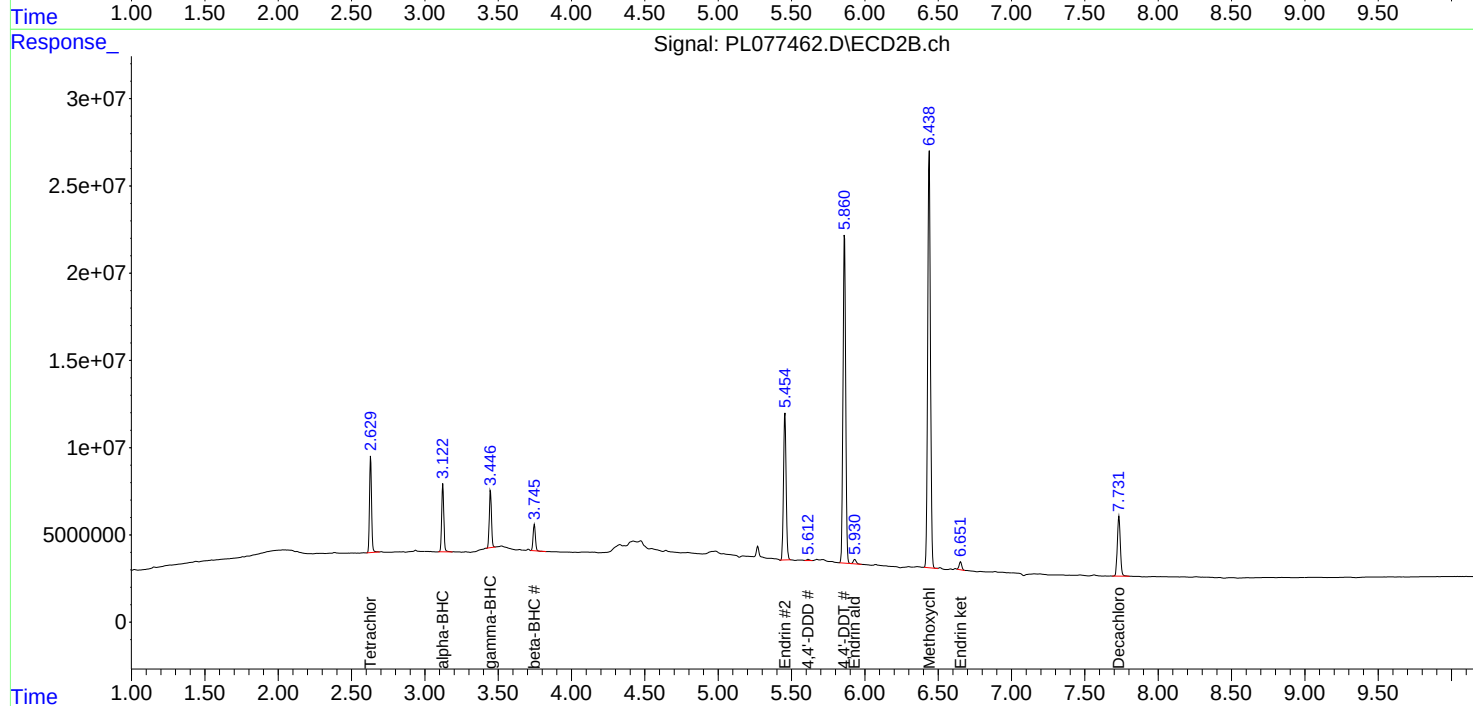
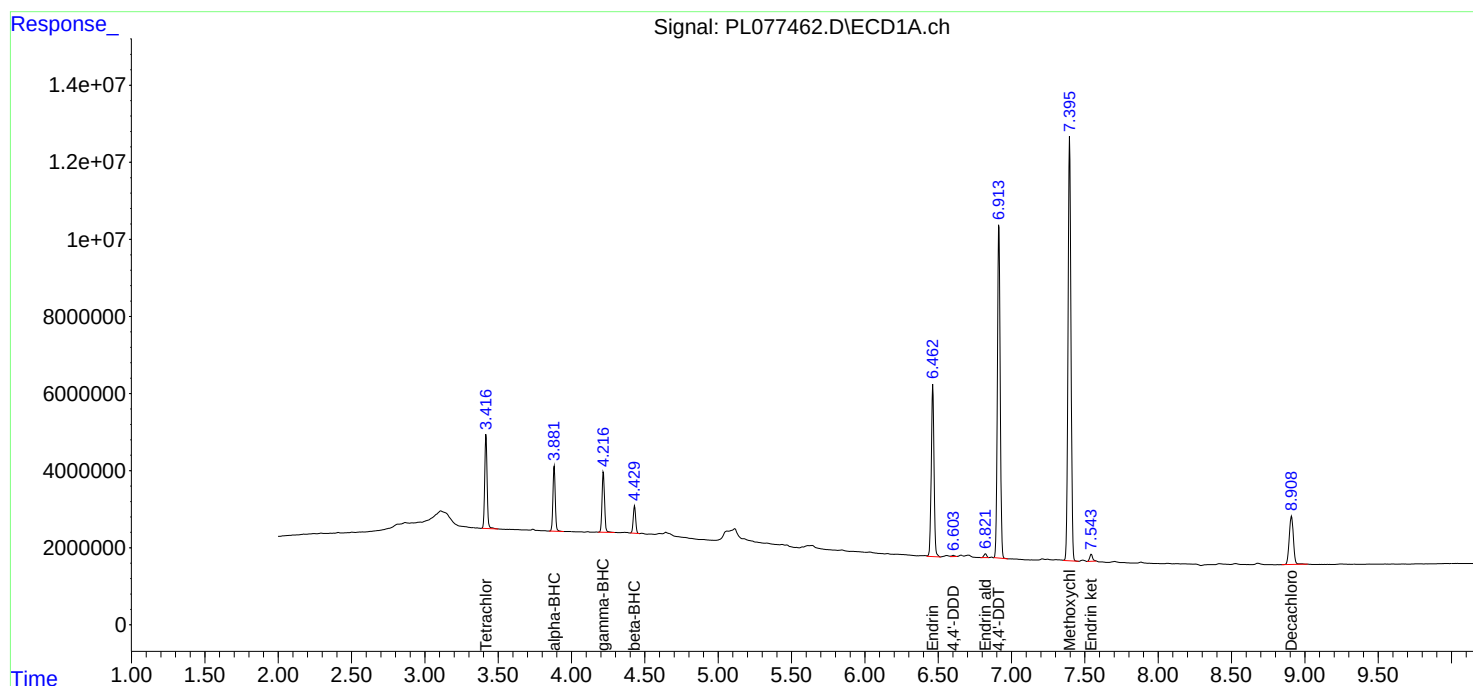
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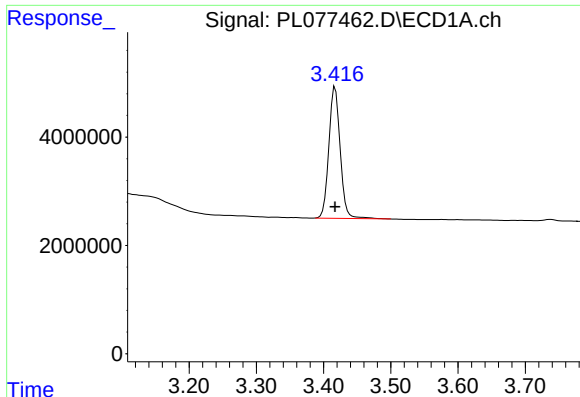
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
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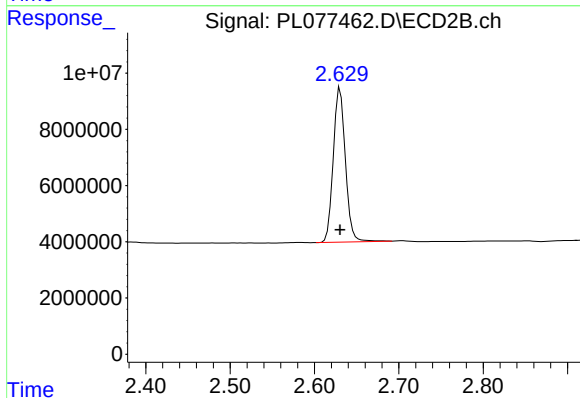
#1 Tetrachloro-m-xylene

R.T.: 3.417 min
Delta R.T.: 0.000 min
Response: 28280201
Conc: 20.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

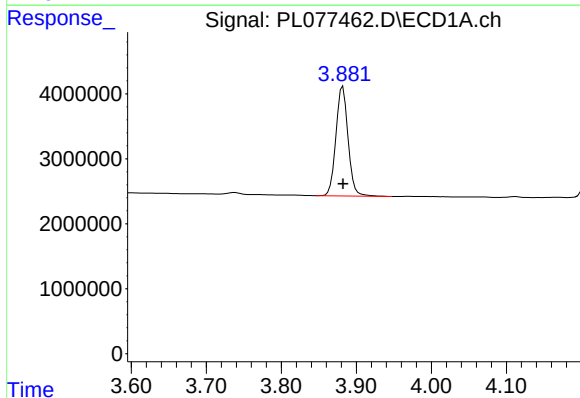
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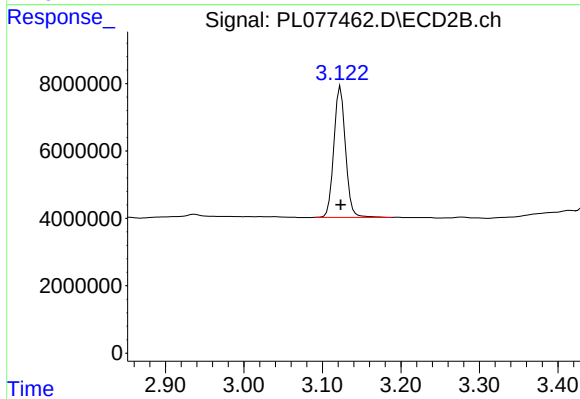
#1 Tetrachloro-m-xylene

R.T.: 2.630 min
Delta R.T.: 0.000 min
Response: 54821481
Conc: 20.61 ng/ml



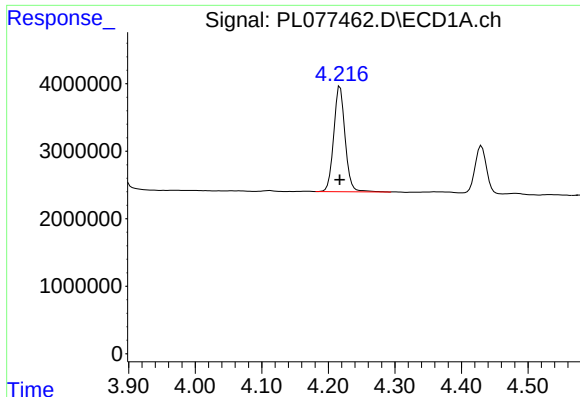
#2 alpha-BHC

R.T.: 3.882 min
Delta R.T.: 0.000 min
Response: 18992197
Conc: 9.46 ng/ml



#2 alpha-BHC

R.T.: 3.123 min
Delta R.T.: 0.000 min
Response: 40092622
Conc: 9.97 ng/ml



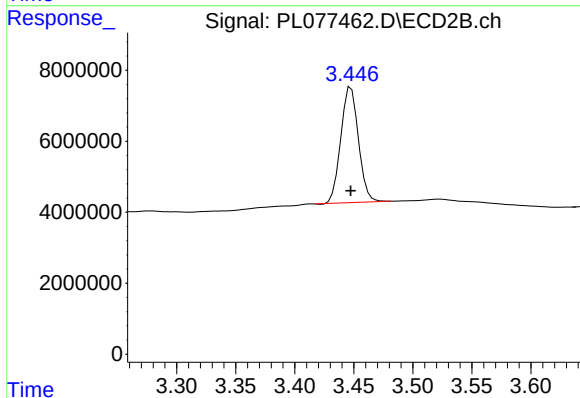
#3 gamma-BHC (Lindane)

R.T.: 4.218 min
Delta R.T.: 0.000 min
Response: 18542294
Conc: 9.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

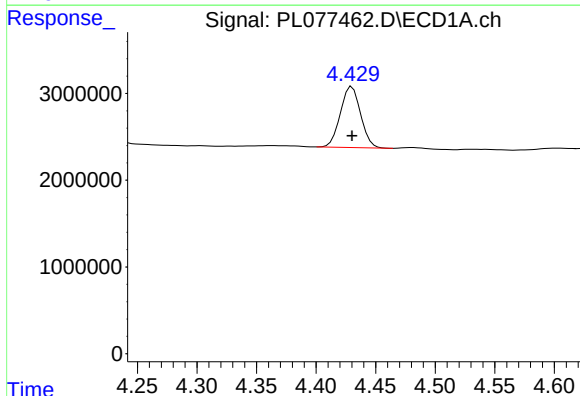
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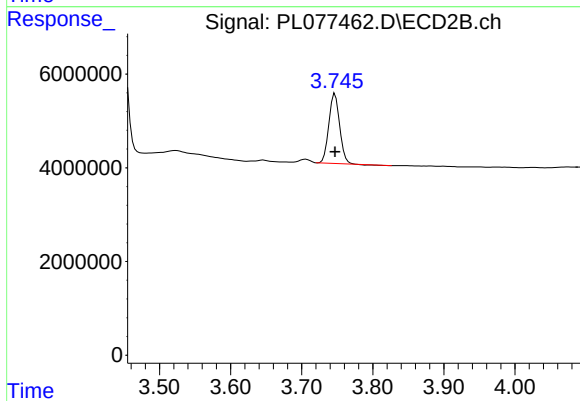
#3 gamma-BHC (Lindane)

R.T.: 3.448 min
Delta R.T.: 0.000 min
Response: 33752824
Conc: 9.63 ng/ml



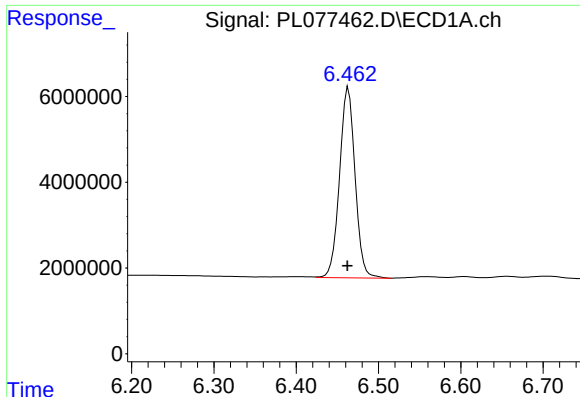
#6 beta-BHC

R.T.: 4.430 min
Delta R.T.: 0.000 min
Response: 8303535
Conc: 10.07 ng/ml



#6 beta-BHC

R.T.: 3.747 min
Delta R.T.: 0.000 min
Response: 15745657
Conc: 10.45 ng/ml



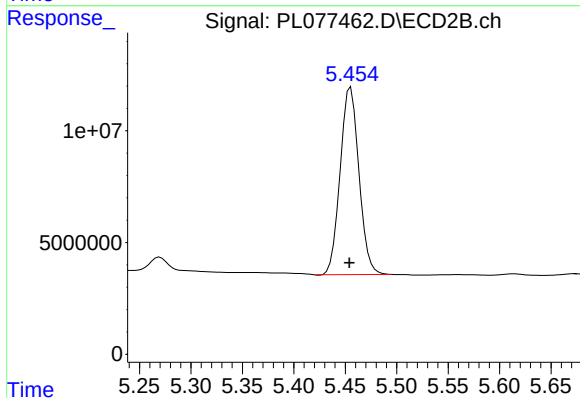
#14 Endrin

R.T.: 6.463 min
Delta R.T.: 0.001 min
Response: 58229350
Conc: 47.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

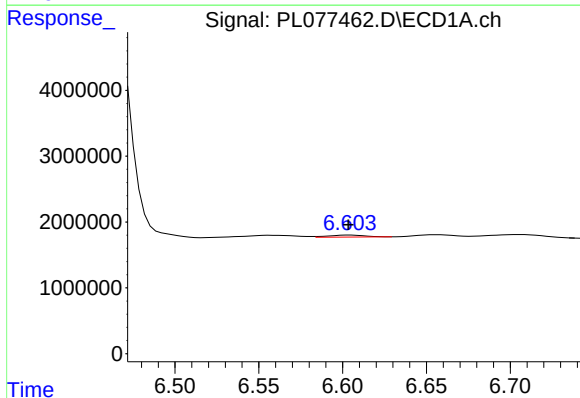
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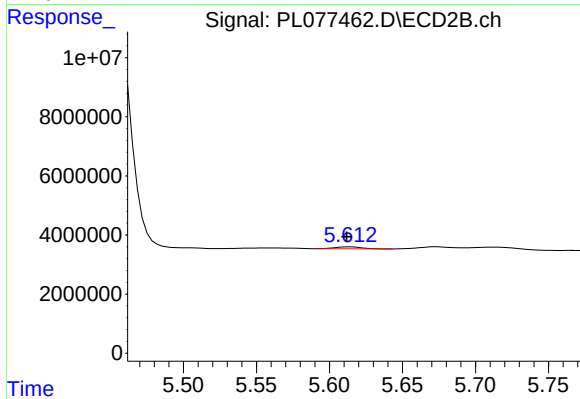
#14 Endrin

R.T.: 5.455 min
Delta R.T.: 0.001 min
Response: 106637350
Conc: 46.95 ng/ml



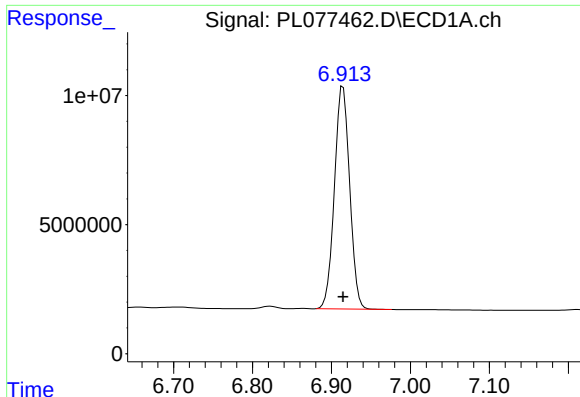
#16 4,4'-DDD

R.T.: 6.604 min
Delta R.T.: 0.000 min
Response: 436476
Conc: 0.42 ng/ml



#16 4,4'-DDD

R.T.: 5.614 min
Delta R.T.: 0.002 min
Response: 888431
Conc: 0.39 ng/ml



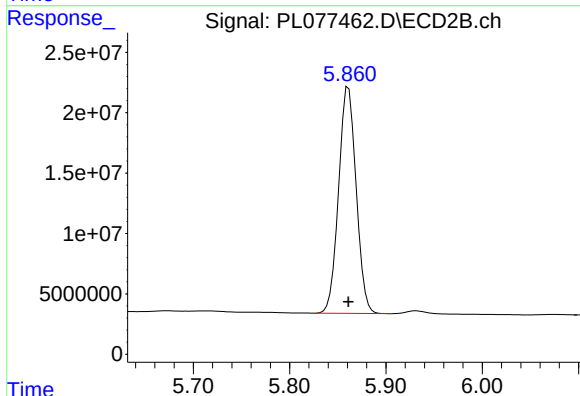
#17 4,4'-DDT

R.T.: 6.915 min
Delta R.T.: 0.000 min
Response: 115669422
Conc: 98.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

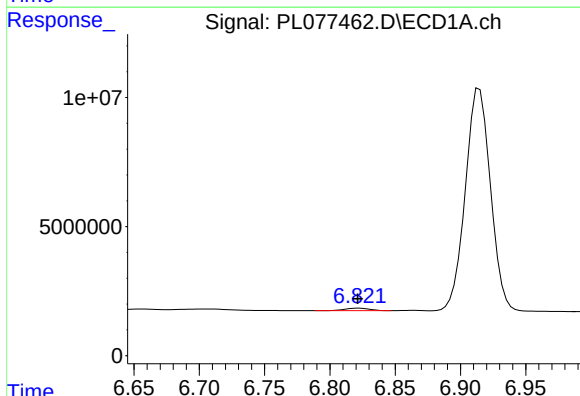
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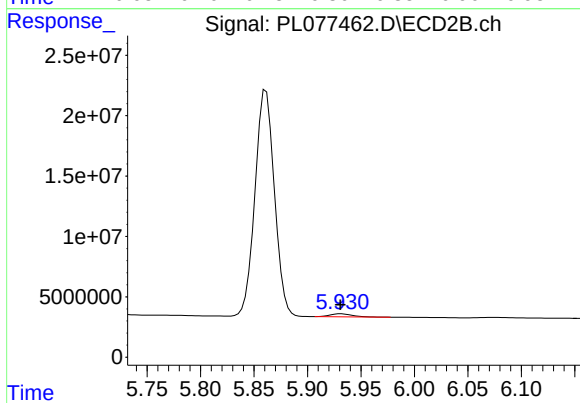
#17 4,4'-DDT

R.T.: 5.861 min
Delta R.T.: 0.000 min
Response: 237263387
Conc: 102.32 ng/ml



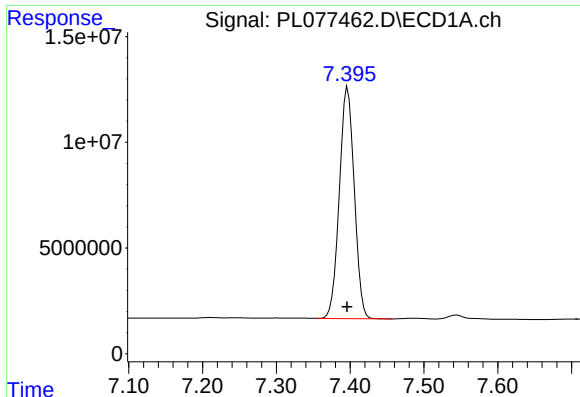
#18 Endrin aldehyde

R.T.: 6.822 min
Delta R.T.: 0.000 min
Response: 1287665
Conc: 1.37 ng/ml



#18 Endrin aldehyde

R.T.: 5.931 min
Delta R.T.: 0.000 min
Response: 3571208
Conc: 1.91 ng/ml



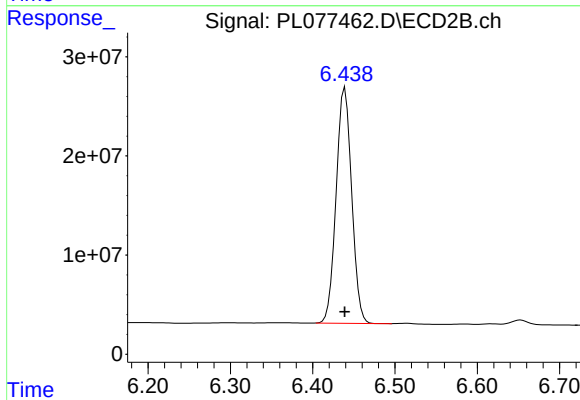
#20 Methoxychlor

R.T.: 7.397 min
Delta R.T.: 0.000 min
Response: 153824922
Conc: 253.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

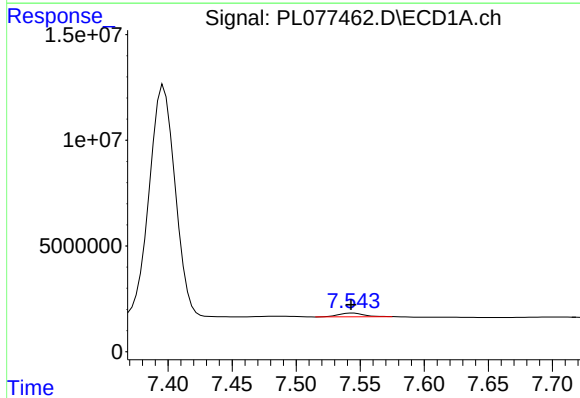
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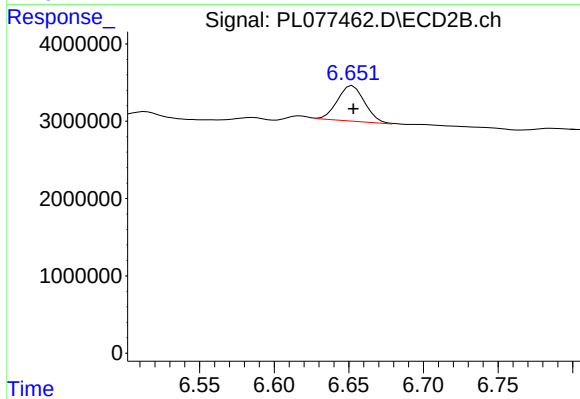
#20 Methoxychlor

R.T.: 6.439 min
Delta R.T.: 0.000 min
Response: 312098922
Conc: 244.23 ng/ml



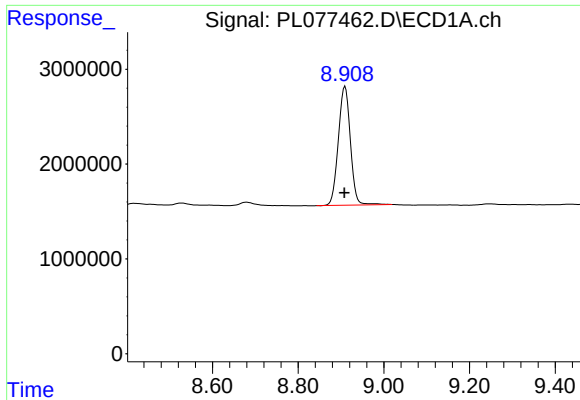
#21 Endrin ketone

R.T.: 7.543 min
Delta R.T.: 0.000 min
Response: 2473876
Conc: 2.00 ng/ml m



#21 Endrin ketone

R.T.: 6.651 min
Delta R.T.: -0.002 min
Response: 5848452
Conc: 2.27 ng/ml m



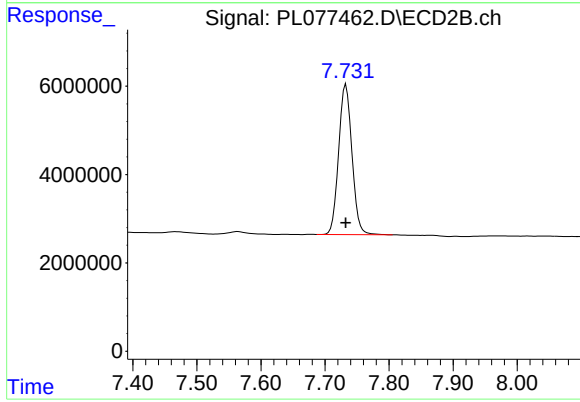
#28 Decachlorobiphenyl

R.T.: 8.909 min
Delta R.T.: 0.001 min
Response: 24645235
Conc: 21.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 7.733 min
Delta R.T.: 0.000 min
Response: 49108709
Conc: 20.81 ng/ml