

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL082222\
 Data File : PL077259.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Aug 2022 21:08
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 08/23/2022
 Supervised By : Ankita Jodhani 08/23/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 23 04:20:16 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL082222.M
 Quant Title : GC Extractables
 QLast Update : Mon Aug 22 19:19:43 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...	3.415	2.630	25198305	57972079	18.519	18.863
28)	SA Decachlor...	8.906	7.733	22489960	53361914	19.191	19.124
Target Compounds							
2)	A alpha-BHC	3.880	3.123	16829649	42659577	9.085	9.770
3)	MA gamma-BHC...	4.215	3.447	16225958	38630914	9.269	9.889
6)	B beta-BHC	4.427	3.746	7632968	17198593	10.271	10.429
14)	MA Endrin	6.461	5.456	54374145	131.3E6	46.090	48.017
16)	A 4,4'-DDD	6.601	5.613	1154031	2915762	1.130	1.090
17)	MA 4,4'-DDT	6.913	5.862	108.4E6	264.9E6	97.046	100.554
18)	B Endrin al...	6.819	5.930	1515186	3762377	1.660	1.798m
20)	A Methoxychlor	7.394	6.440	143.2E6	339.6E6	237.837	240.740
21)	B Endrin ke...	7.541	6.652	3336610	6250581	2.735	2.170m

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

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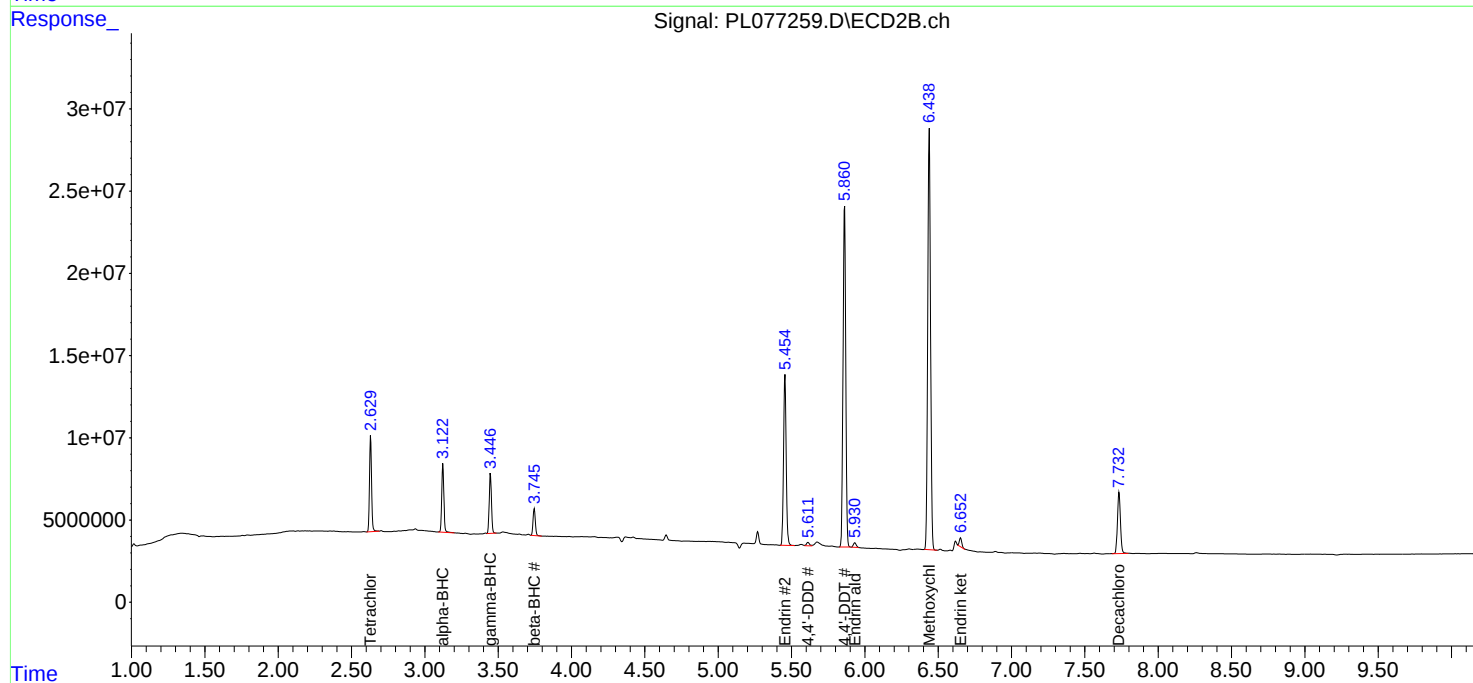
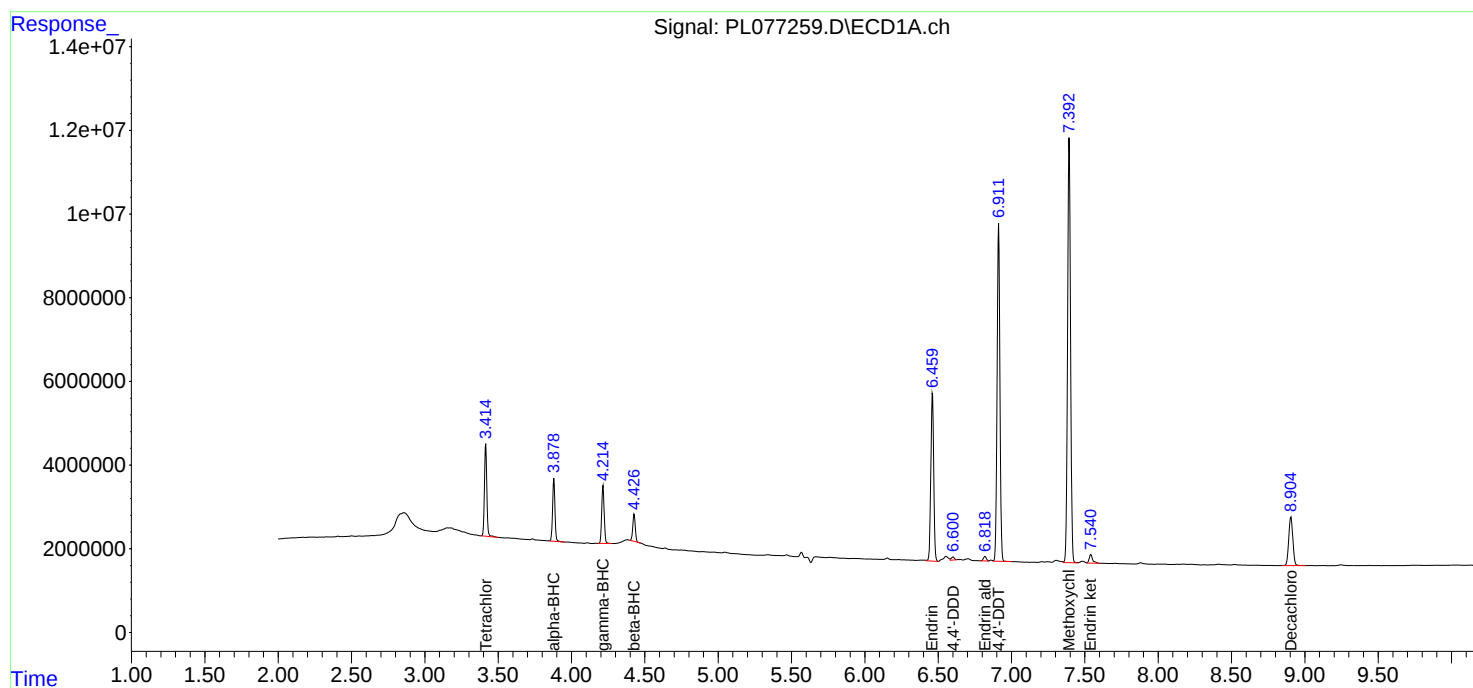
Instrument :
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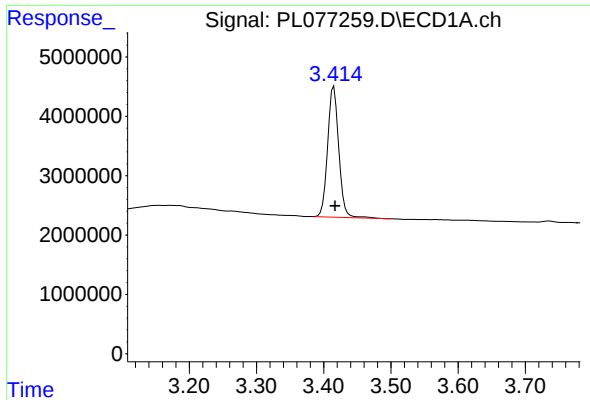
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Integration File signal 1: autoint1.e
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Volume Inj. : 1 µl
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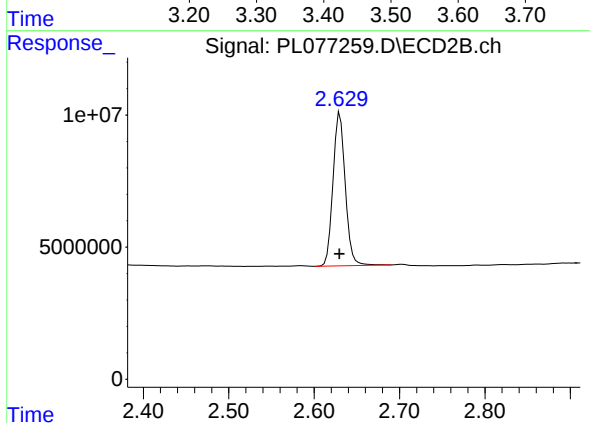
#1 Tetrachloro-m-xylene

R.T.: 3.415 min
Delta R.T.: -0.002 min
Response: 25198305
Conc: 18.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

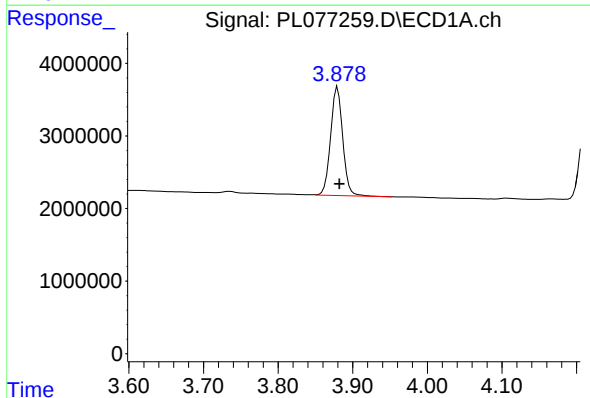
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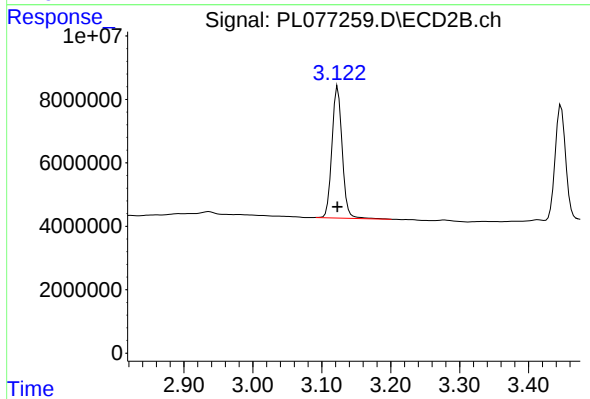
#1 Tetrachloro-m-xylene

R.T.: 2.630 min
Delta R.T.: 0.000 min
Response: 57972079
Conc: 18.86 ng/ml



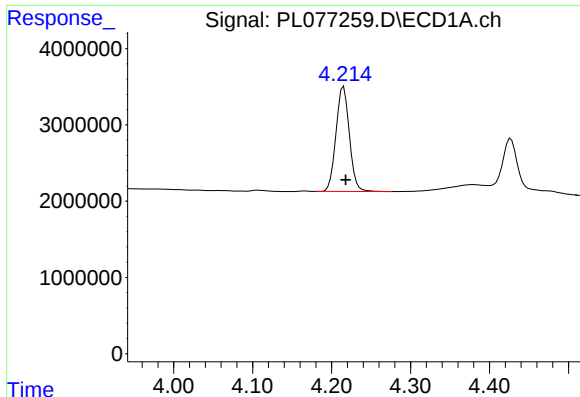
#2 alpha-BHC

R.T.: 3.880 min
Delta R.T.: -0.003 min
Response: 16829649
Conc: 9.08 ng/ml



#2 alpha-BHC

R.T.: 3.123 min
Delta R.T.: 0.000 min
Response: 42659577
Conc: 9.77 ng/ml



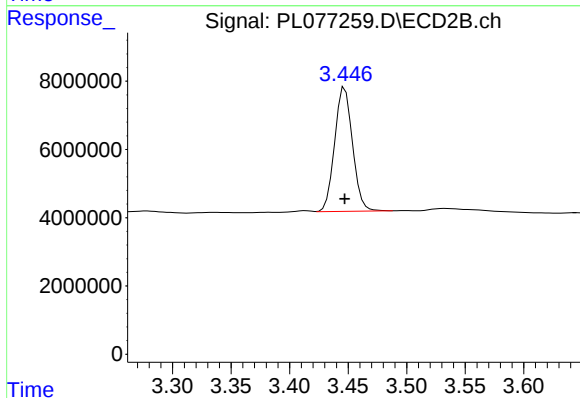
#3 gamma-BHC (Lindane)

R.T.: 4.215 min
Delta R.T.: -0.002 min
Response: 16225958
Conc: 9.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

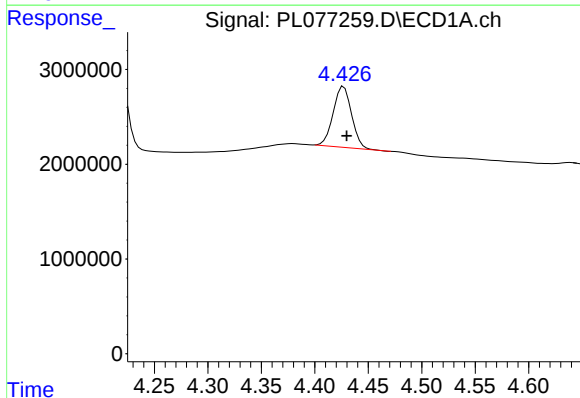
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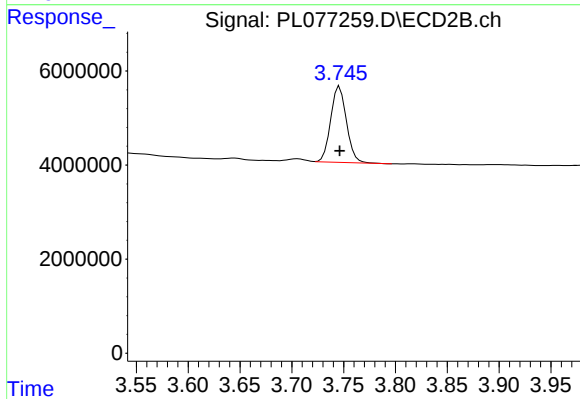
#3 gamma-BHC (Lindane)

R.T.: 3.447 min
Delta R.T.: 0.000 min
Response: 38630914
Conc: 9.89 ng/ml



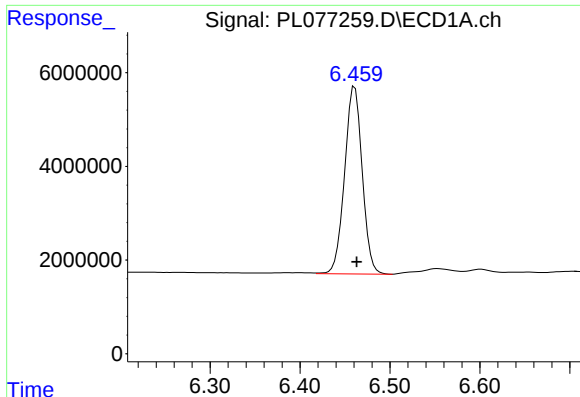
#6 beta-BHC

R.T.: 4.427 min
Delta R.T.: -0.003 min
Response: 7632968
Conc: 10.27 ng/ml



#6 beta-BHC

R.T.: 3.746 min
Delta R.T.: 0.000 min
Response: 17198593
Conc: 10.43 ng/ml



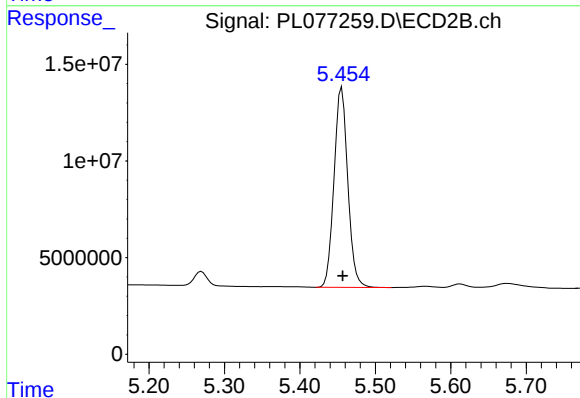
#14 Endrin

R.T.: 6.461 min
Delta R.T.: -0.002 min
Response: 54374145
Conc: 46.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

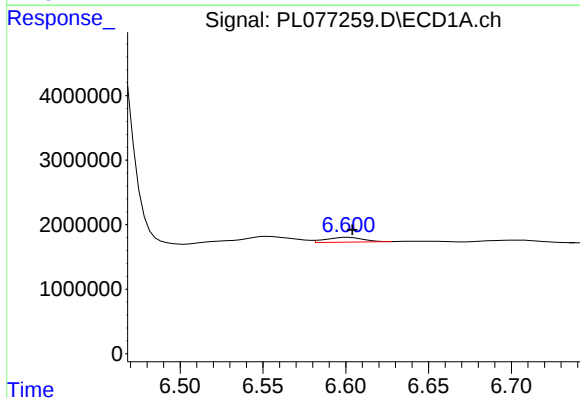
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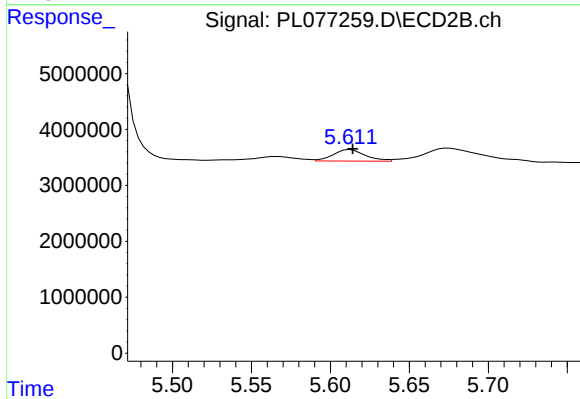
#14 Endrin

R.T.: 5.456 min
Delta R.T.: -0.001 min
Response: 131271834
Conc: 48.02 ng/ml



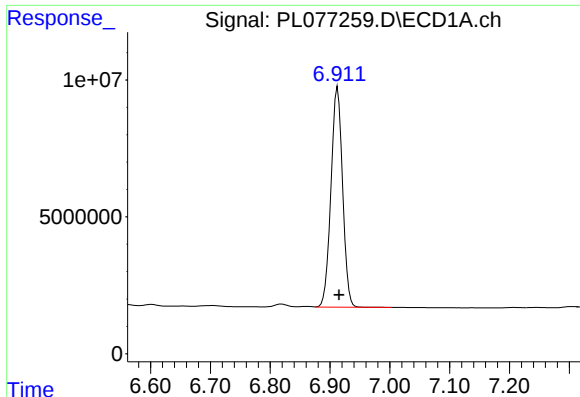
#16 4,4'-DDD

R.T.: 6.601 min
Delta R.T.: -0.003 min
Response: 1154031
Conc: 1.13 ng/ml



#16 4,4'-DDD

R.T.: 5.613 min
Delta R.T.: -0.001 min
Response: 2915762
Conc: 1.09 ng/ml



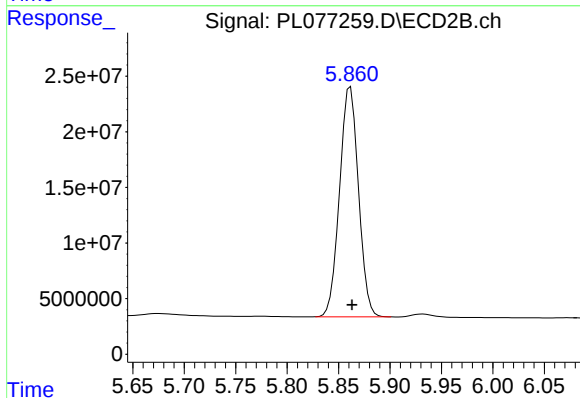
#17 4,4'-DDT

R.T.: 6.913 min
Delta R.T.: -0.002 min
Response: 108405040
Conc: 97.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

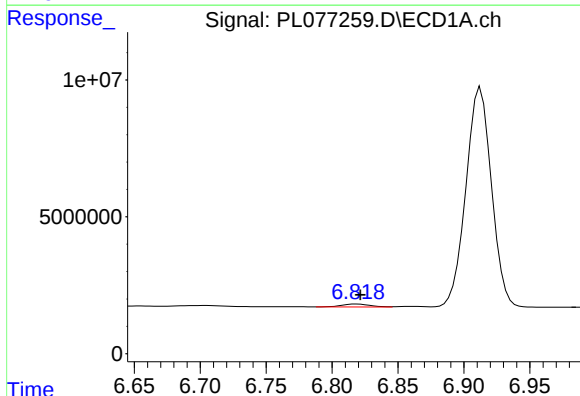
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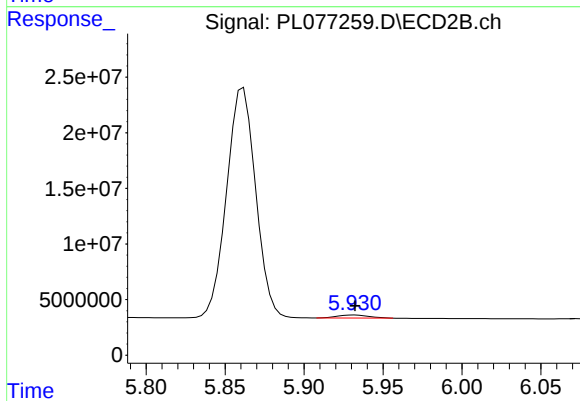
#17 4,4'-DDT

R.T.: 5.862 min
Delta R.T.: -0.001 min
Response: 264878463
Conc: 100.55 ng/ml



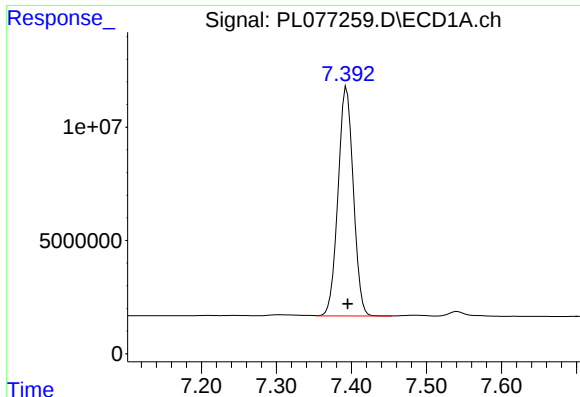
#18 Endrin aldehyde

R.T.: 6.819 min
Delta R.T.: -0.002 min
Response: 1515186
Conc: 1.66 ng/ml



#18 Endrin aldehyde

R.T.: 5.930 min
Delta R.T.: -0.002 min
Response: 3762377
Conc: 1.80 ng/ml m



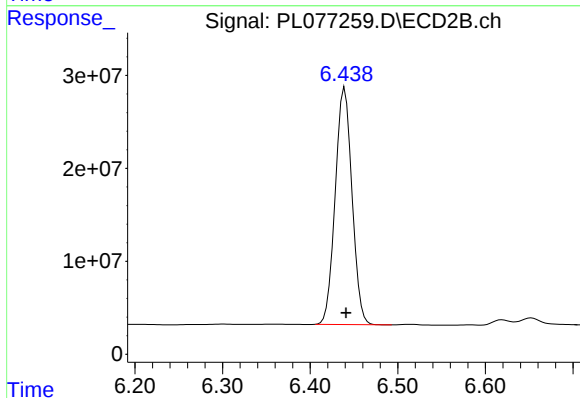
#20 Methoxychlor

R.T.: 7.394 min
Delta R.T.: -0.002 min
Response: 143235433
Conc: 237.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

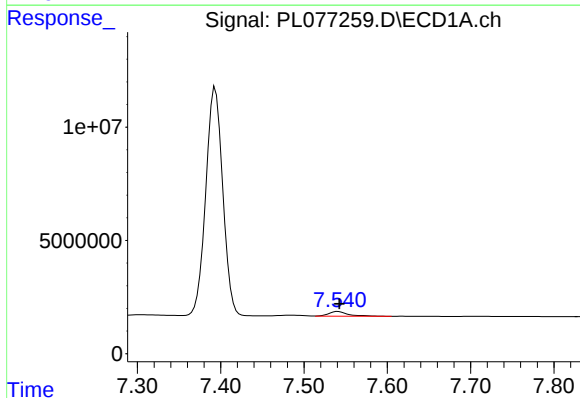
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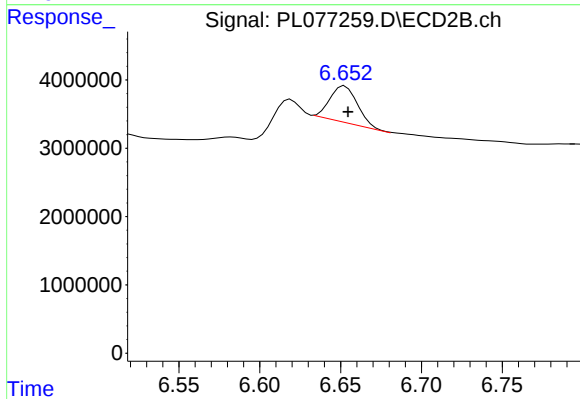
#20 Methoxychlor

R.T.: 6.440 min
Delta R.T.: -0.001 min
Response: 339623875
Conc: 240.74 ng/ml



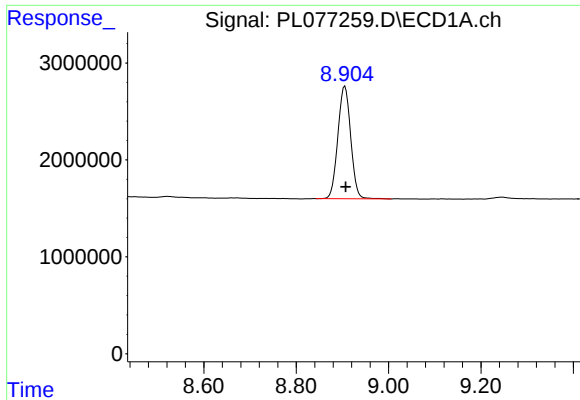
#21 Endrin ketone

R.T.: 7.541 min
Delta R.T.: -0.001 min
Response: 3336610
Conc: 2.74 ng/ml



#21 Endrin ketone

R.T.: 6.652 min
Delta R.T.: -0.003 min
Response: 6250581
Conc: 2.17 ng/ml m



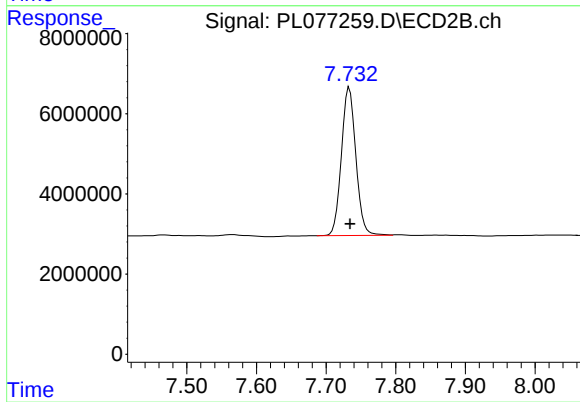
#28 Decachlorobiphenyl

R.T.: 8.906 min
Delta R.T.: -0.002 min
Response: 22489960
Conc: 19.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
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#28 Decachlorobiphenyl

R.T.: 7.733 min
Delta R.T.: -0.001 min
Response: 53361914
Conc: 19.12 ng/ml