

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL090622\
 Data File : PL077513.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Sep 2022 09:27
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

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

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 06 14:16:40 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL090222.M
 Quant Title : GC Extractables
 QLast Update : Sat Sep 03 05:19:42 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...	3.420	2.628	34189464	56534137	24.838	21.250
28)	SA Decachlor...	8.908	7.730	25486932	39854744	22.268	16.888
Target Compounds							
2)	A alpha-BHC	3.885	3.121	23468043	41938703	11.687	10.427
3)	MA gamma-BHC...	4.221	3.445	22167691	36796510	11.725	10.497
6)	B beta-BHC	4.433	3.745	10201916	17052081	12.369	11.321
14)	MA Endrin	6.464	5.452	64192744	118.9E6	51.885	52.342
16)	A 4,4'-DDD	6.606	5.610	3462377	7022540	3.363	3.074
17)	MA 4,4'-DDT	6.916	5.859	120.9E6	226.4E6	102.895	97.647
18)	B Endrin al...	6.822	5.929	1673233	3822609	1.786m	2.049
20)	A Methoxychlor	7.398	6.436	157.8E6	272.6E6	260.200	213.317
21)	B Endrin ke...	7.544	6.649	4592609	6893750	3.707m	2.674m#

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

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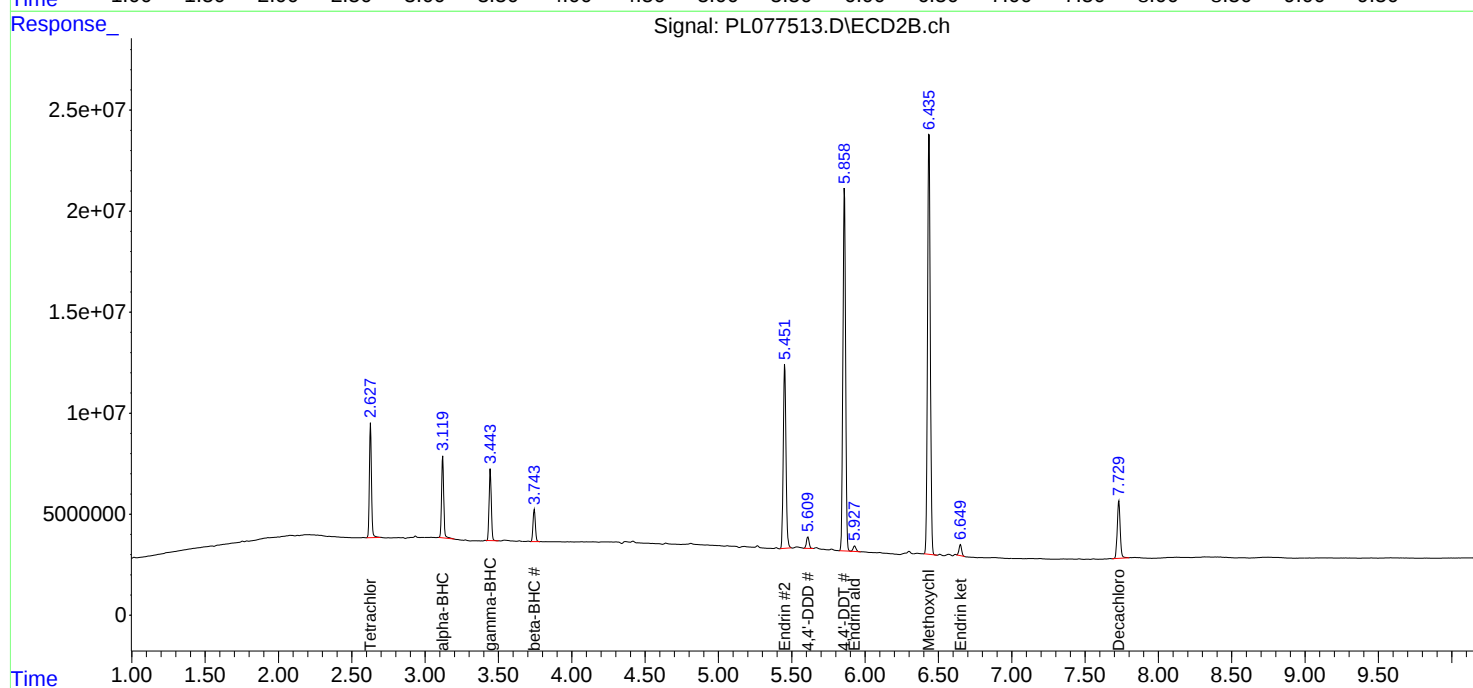
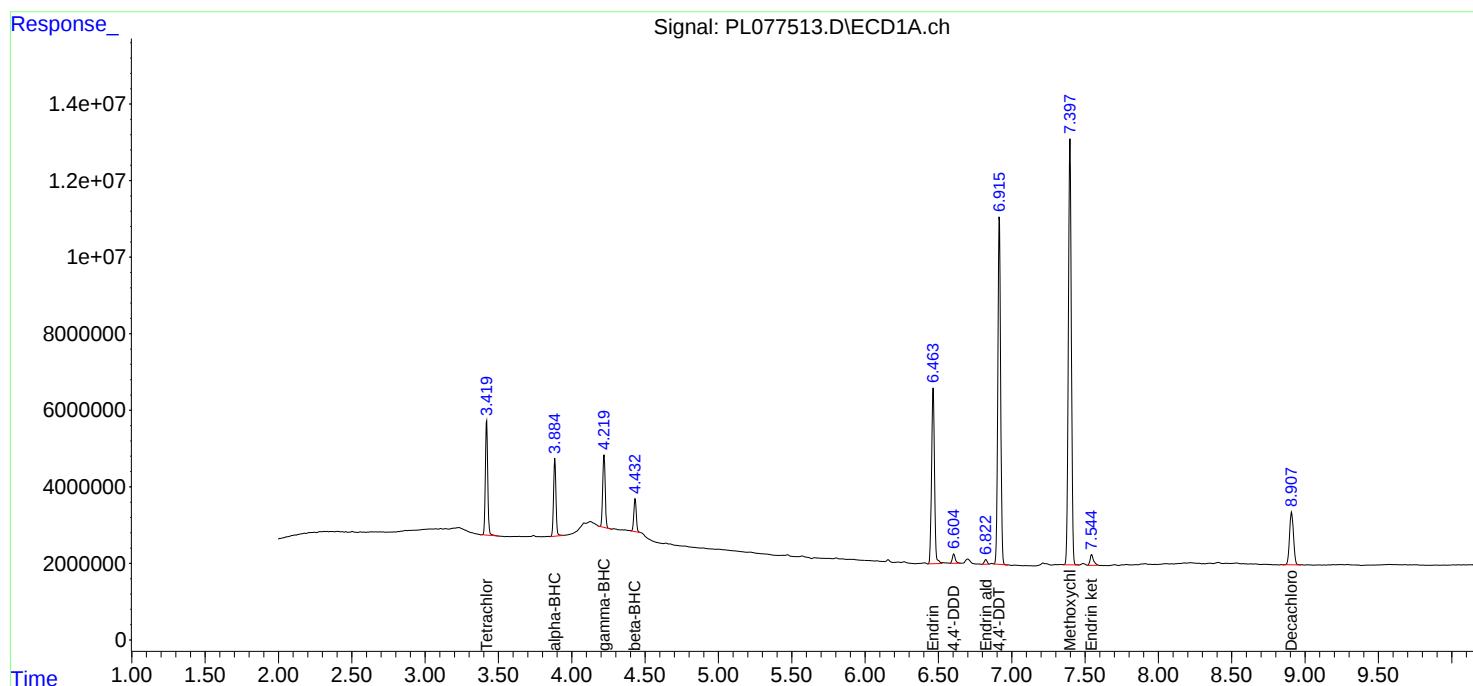
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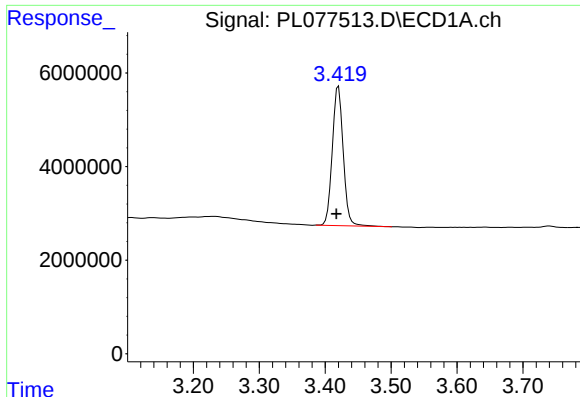
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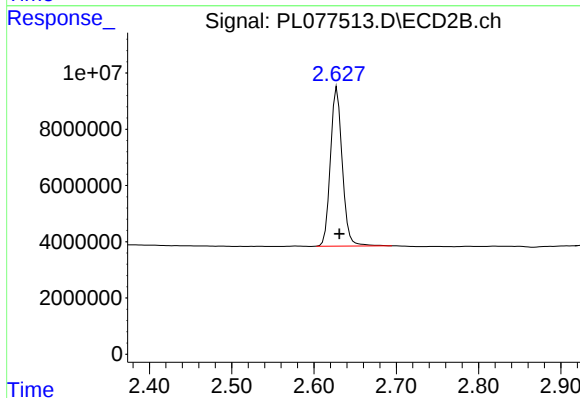
#1 Tetrachloro-m-xylene

R.T.: 3.420 min
Delta R.T.: 0.003 min
Response: 34189464
Conc: 24.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

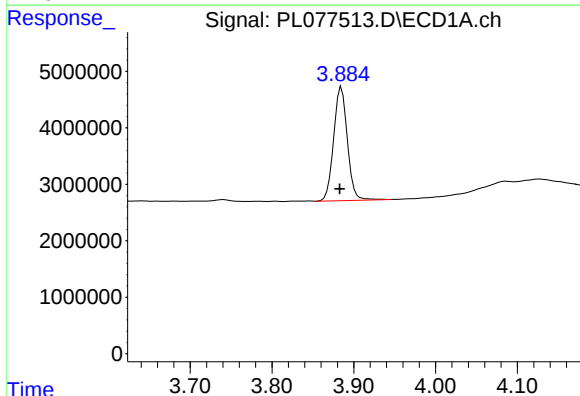
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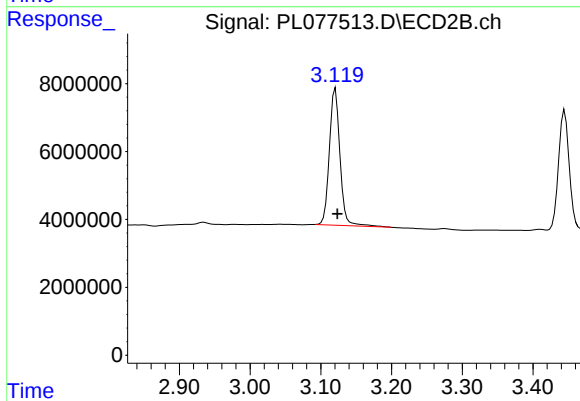
#1 Tetrachloro-m-xylene

R.T.: 2.628 min
Delta R.T.: -0.003 min
Response: 56534137
Conc: 21.25 ng/ml



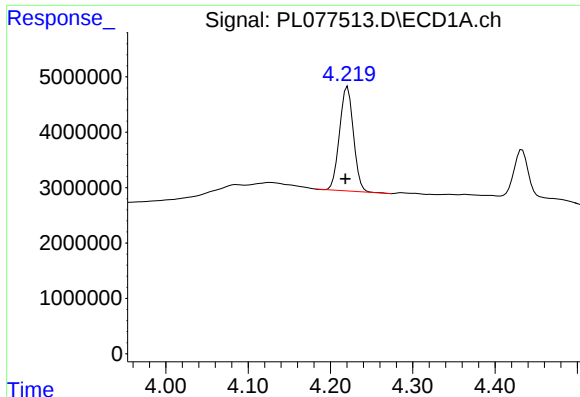
#2 alpha-BHC

R.T.: 3.885 min
Delta R.T.: 0.002 min
Response: 23468043
Conc: 11.69 ng/ml



#2 alpha-BHC

R.T.: 3.121 min
Delta R.T.: -0.003 min
Response: 41938703
Conc: 10.43 ng/ml



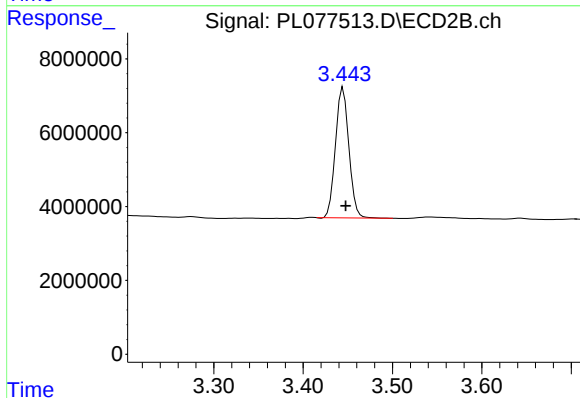
#3 gamma-BHC (Lindane)

R.T.: 4.221 min
Delta R.T.: 0.003 min
Response: 22167691
Conc: 11.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

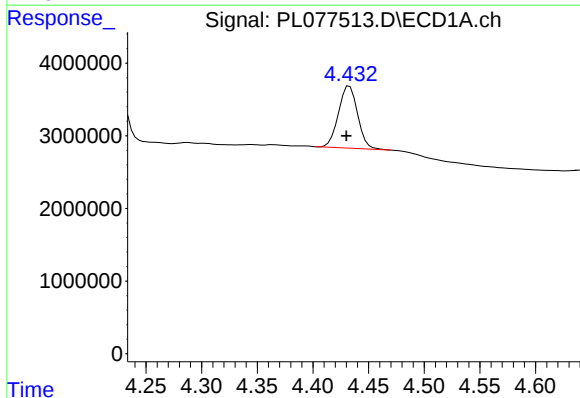
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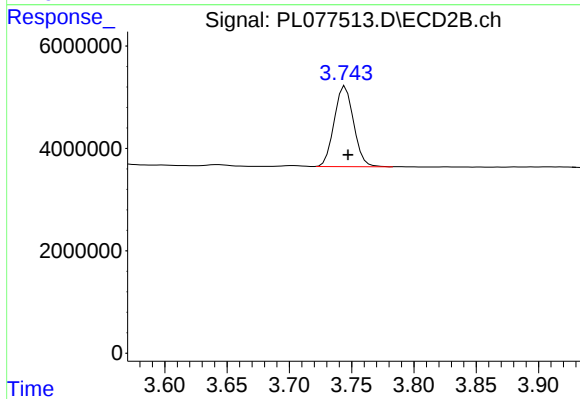
#3 gamma-BHC (Lindane)

R.T.: 3.445 min
Delta R.T.: -0.003 min
Response: 36796510
Conc: 10.50 ng/ml



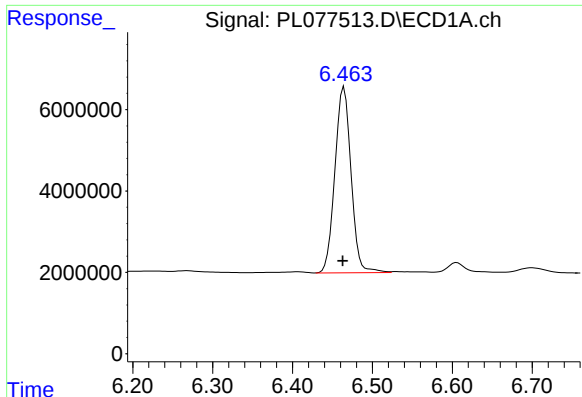
#6 beta-BHC

R.T.: 4.433 min
Delta R.T.: 0.003 min
Response: 10201916
Conc: 12.37 ng/ml



#6 beta-BHC

R.T.: 3.745 min
Delta R.T.: -0.002 min
Response: 17052081
Conc: 11.32 ng/ml



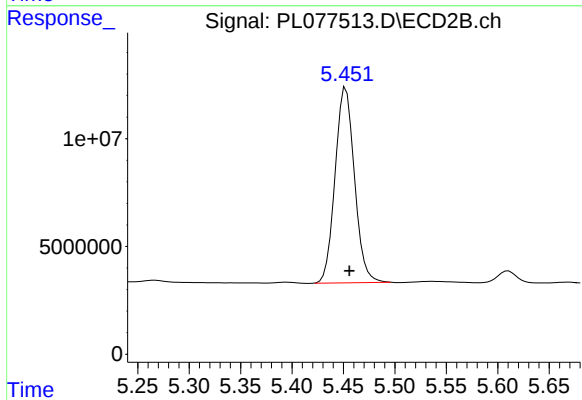
#14 Endrin

R.T.: 6.464 min
Delta R.T.: 0.002 min
Response: 64192744
Conc: 51.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

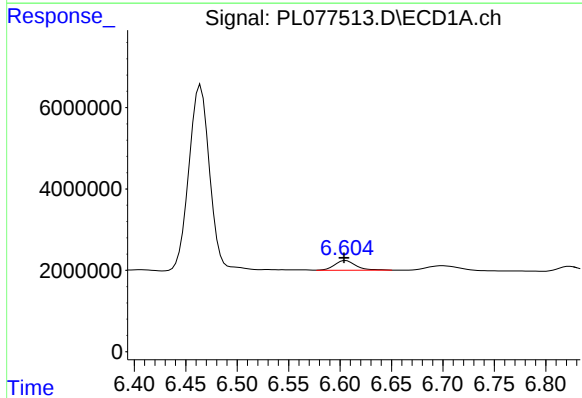
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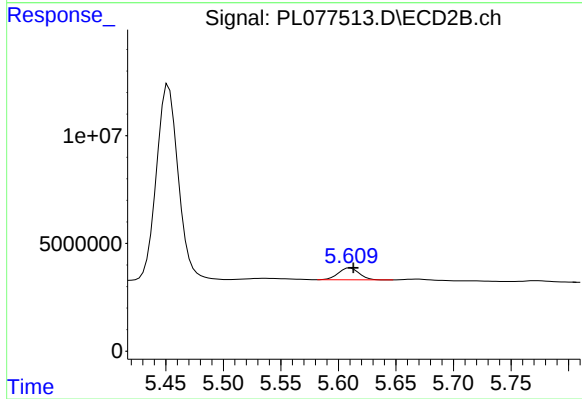
#14 Endrin

R.T.: 5.452 min
Delta R.T.: -0.003 min
Response: 118873775
Conc: 52.34 ng/ml



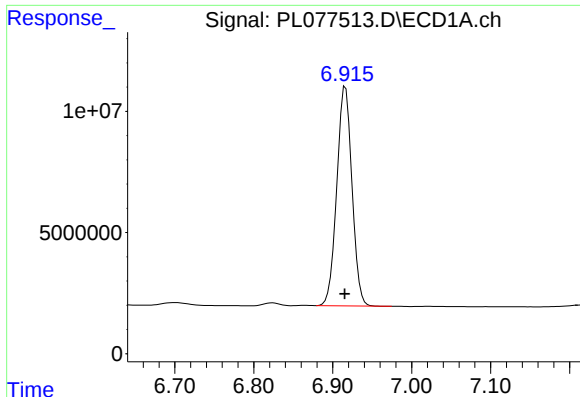
#16 4,4'-DDD

R.T.: 6.606 min
Delta R.T.: 0.002 min
Response: 3462377
Conc: 3.36 ng/ml



#16 4,4'-DDD

R.T.: 5.610 min
Delta R.T.: -0.003 min
Response: 7022540
Conc: 3.07 ng/ml



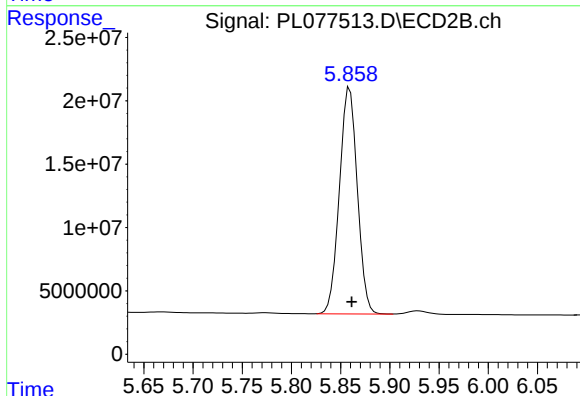
#17 4,4'-DDT

R.T.: 6.916 min
Delta R.T.: 0.001 min
Response: 120918453
Conc: 102.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

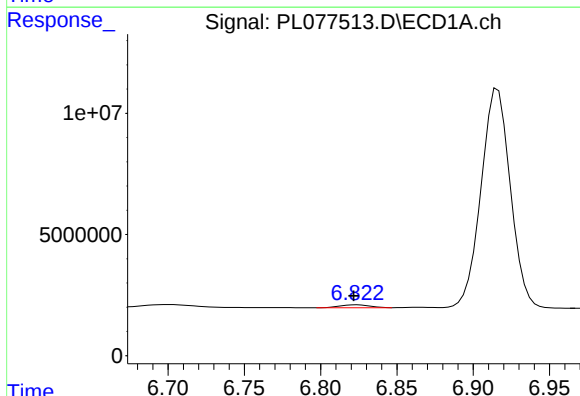
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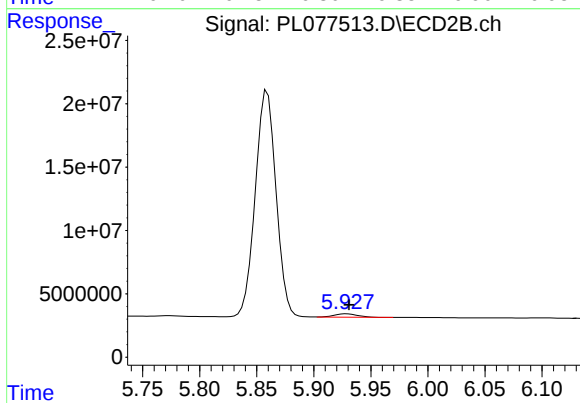
#17 4,4'-DDT

R.T.: 5.859 min
Delta R.T.: -0.002 min
Response: 226421635
Conc: 97.65 ng/ml



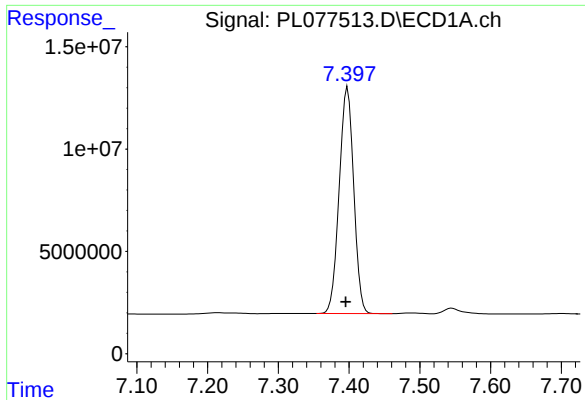
#18 Endrin aldehyde

R.T.: 6.822 min
Delta R.T.: 0.000 min
Response: 1673233
Conc: 1.79 ng/ml m



#18 Endrin aldehyde

R.T.: 5.929 min
Delta R.T.: -0.002 min
Response: 3822609
Conc: 2.05 ng/ml



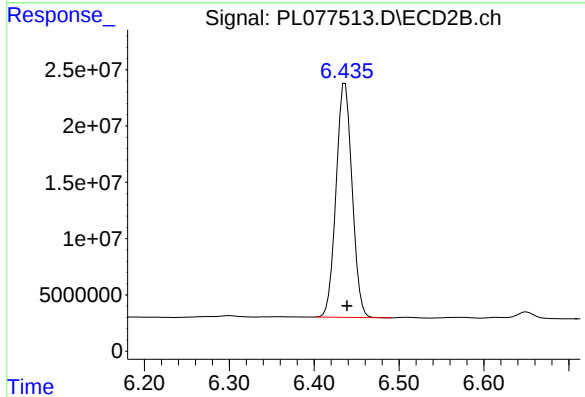
#20 Methoxychlor

R.T.: 7.398 min
Delta R.T.: 0.002 min
Response: 157784805
Conc: 260.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

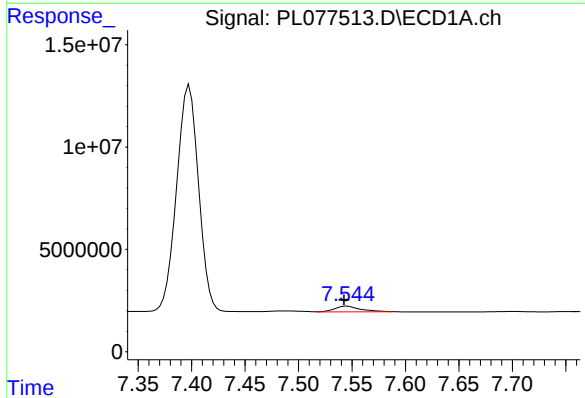
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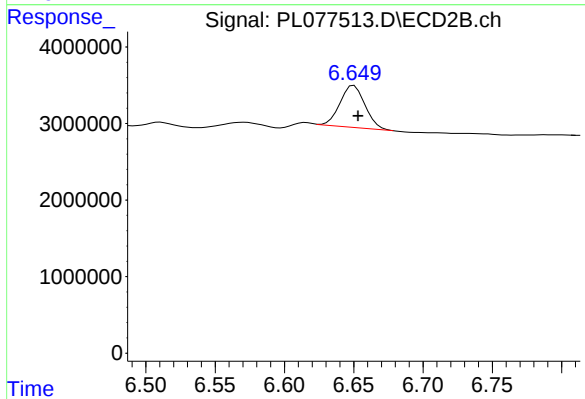
#20 Methoxychlor

R.T.: 6.436 min
Delta R.T.: -0.002 min
Response: 272600215
Conc: 213.32 ng/ml



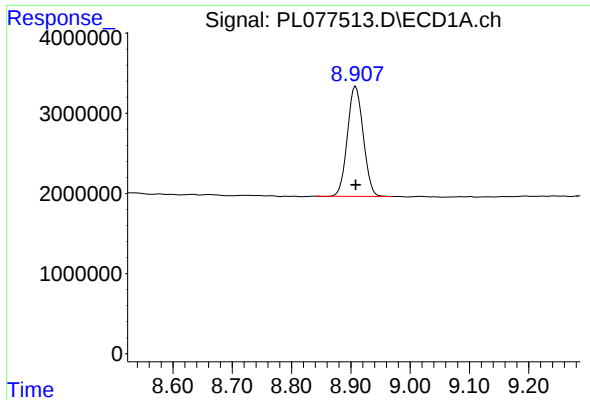
#21 Endrin ketone

R.T.: 7.544 min
Delta R.T.: 0.001 min
Response: 4592609
Conc: 3.71 ng/ml m



#21 Endrin ketone

R.T.: 6.649 min
Delta R.T.: -0.004 min
Response: 6893750
Conc: 2.67 ng/ml m



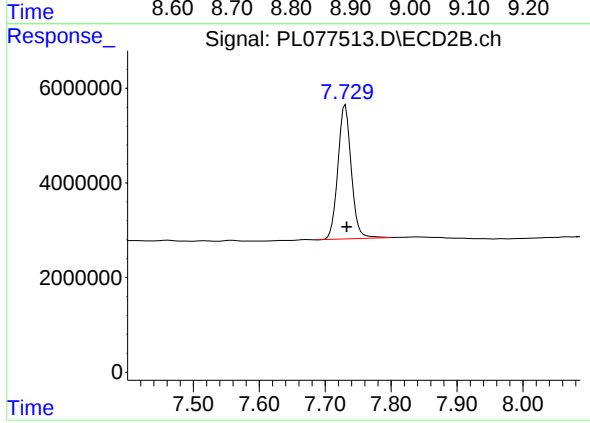
#28 Decachlorobiphenyl

R.T.: 8.908 min
Delta R.T.: 0.000 min
Response: 25486932
Conc: 22.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 7.730 min
Delta R.T.: -0.002 min
Response: 39854744
Conc: 16.89 ng/ml