

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL081522\
 Data File : PL077085.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Aug 2022 10:02
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/16/2022
 Supervised By :Ankita Jodhani 08/16/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 16 06:51:25 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL080822.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 09 09:13:15 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...	3.421	2.638	20222192	49399130	20.623	17.257
28)	SA Decachlor...	8.913	7.744	16700981	41655646	22.122	18.504
Target Compounds							
2)	A alpha-BHC	3.885	3.131	13213991	35634408	9.546	8.403
3)	MA gamma-BHC...	4.221	3.456	13343392	30601004	10.435	8.021
6)	B beta-BHC	4.433	3.754	6528770	13821375	11.631	8.846
14)	MA Endrin	6.467	5.466	41704836	104.9E6	51.244	41.303
16)	A 4,4'-DDD	6.601	5.626	84299	408032	0.111m	0.181 #
17)	MA 4,4'-DDT	6.918	5.872	85813244	215.0E6	111.671	94.863
18)	B Endrin al...	6.825	5.942	1149217	3257898	1.594	1.657
20)	A Methoxychlor	7.399	6.450	115.6E6	269.5E6	260.468	224.070
21)	B Endrin ke...	7.546	6.663	2363281	6296391	2.609	2.475

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

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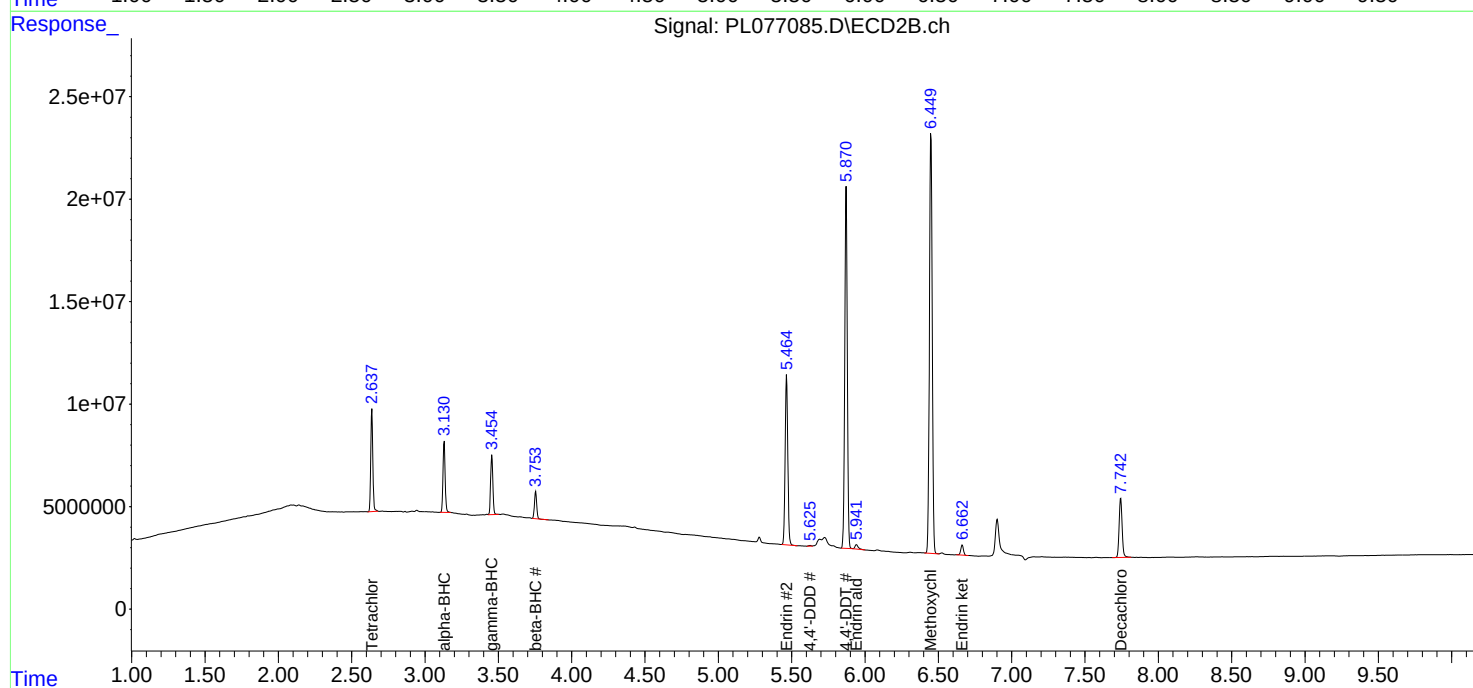
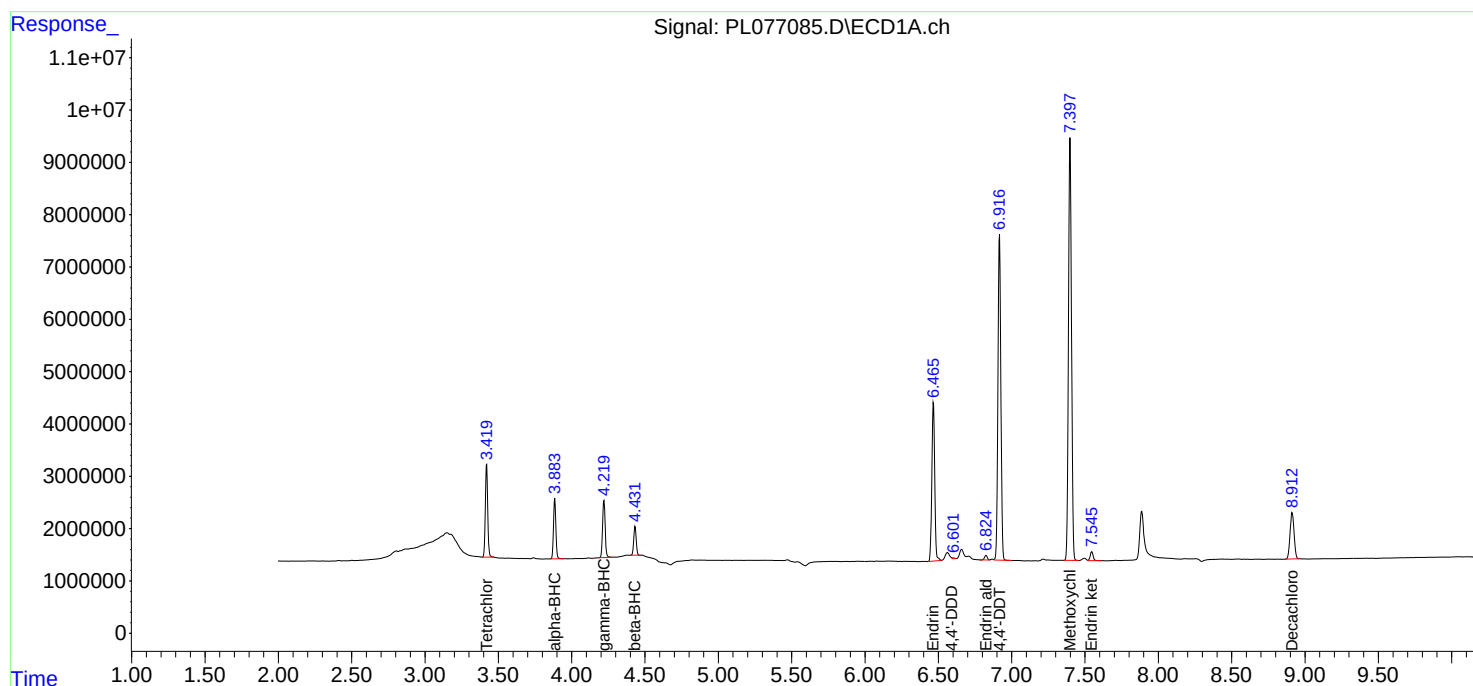
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PEM

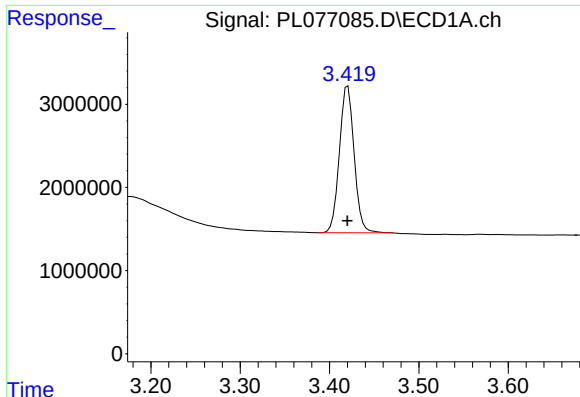
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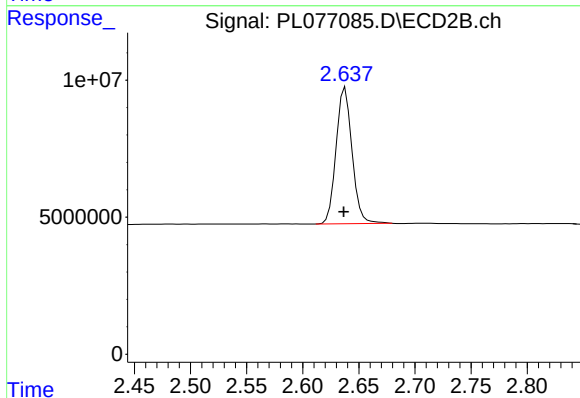
#1 Tetrachloro-m-xylene

R.T.: 3.421 min
Delta R.T.: 0.000 min
Response: 20222192
Conc: 20.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

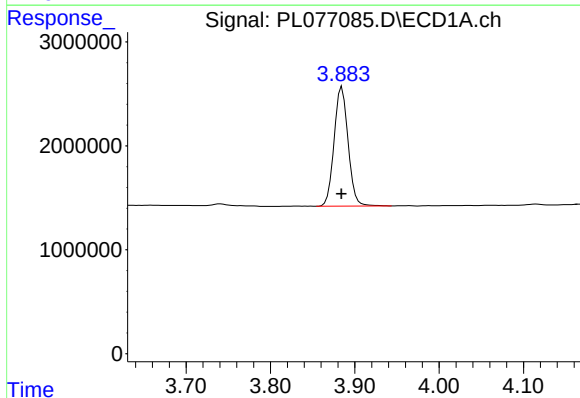
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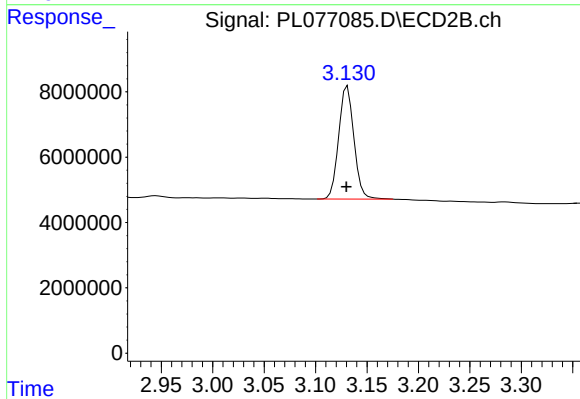
#1 Tetrachloro-m-xylene

R.T.: 2.638 min
Delta R.T.: 0.002 min
Response: 49399130
Conc: 17.26 ng/ml



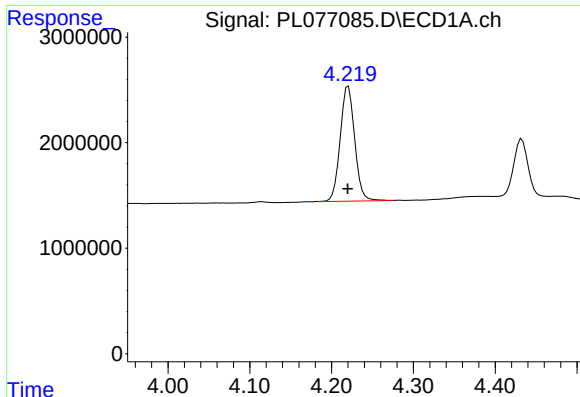
#2 alpha-BHC

R.T.: 3.885 min
Delta R.T.: 0.000 min
Response: 13213991
Conc: 9.55 ng/ml



#2 alpha-BHC

R.T.: 3.131 min
Delta R.T.: 0.001 min
Response: 35634408
Conc: 8.40 ng/ml



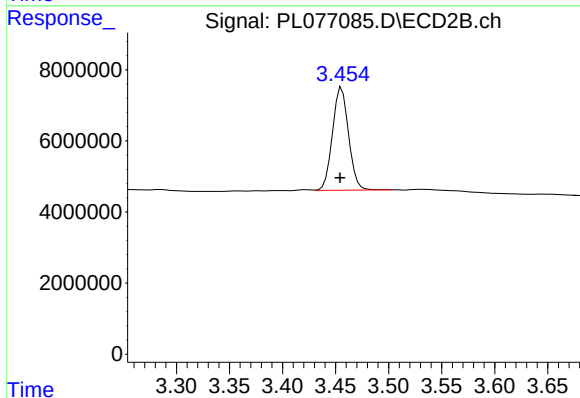
#3 gamma-BHC (Lindane)

R.T.: 4.221 min
Delta R.T.: 0.000 min
Response: 13343392
Conc: 10.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

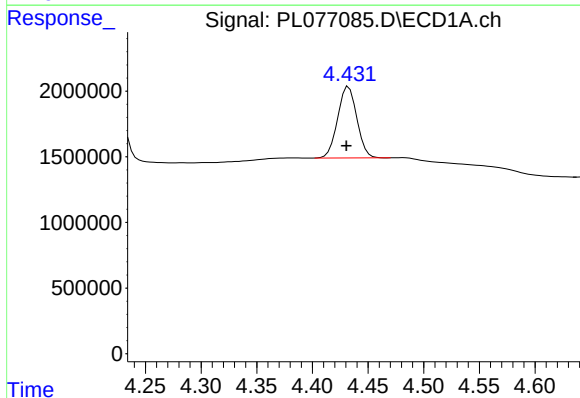
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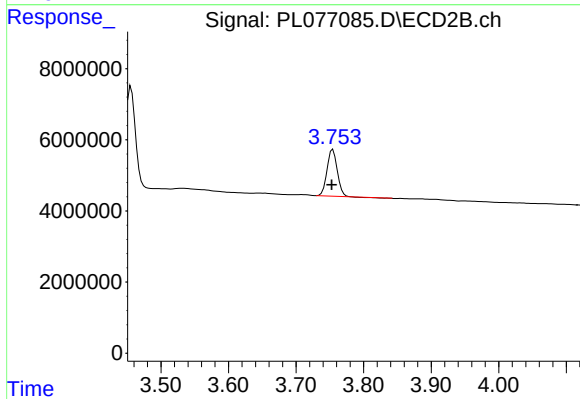
#3 gamma-BHC (Lindane)

R.T.: 3.456 min
Delta R.T.: 0.001 min
Response: 30601004
Conc: 8.02 ng/ml



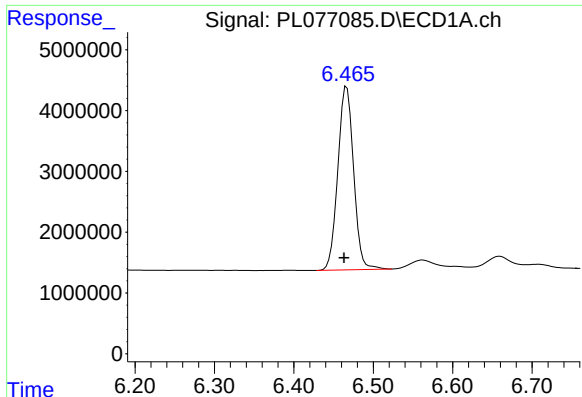
#6 beta-BHC

R.T.: 4.433 min
Delta R.T.: 0.002 min
Response: 6528770
Conc: 11.63 ng/ml



#6 beta-BHC

R.T.: 3.754 min
Delta R.T.: 0.002 min
Response: 13821375
Conc: 8.85 ng/ml



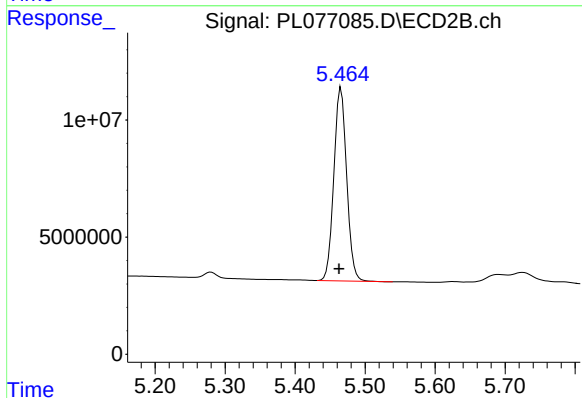
#14 Endrin

R.T.: 6.467 min
Delta R.T.: 0.003 min
Response: 41704836
Conc: 51.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

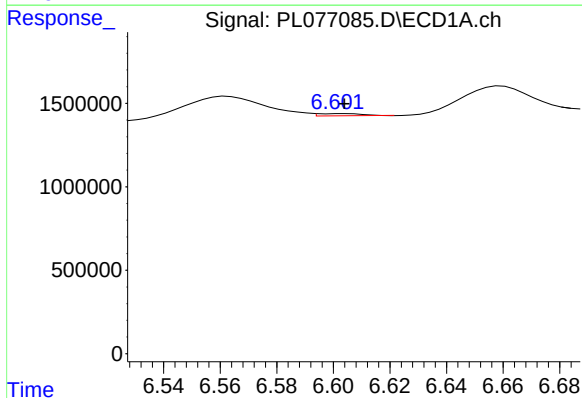
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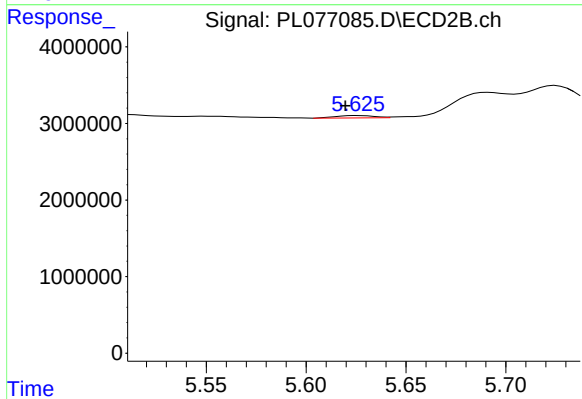
#14 Endrin

R.T.: 5.466 min
Delta R.T.: 0.003 min
Response: 104922469
Conc: 41.30 ng/ml



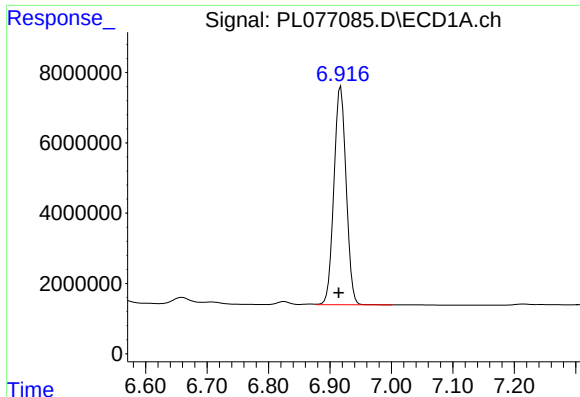
#16 4,4'-DDD

R.T.: 6.601 min
Delta R.T.: -0.003 min
Response: 84299
Conc: 0.11 ng/ml m



#16 4,4'-DDD

R.T.: 5.626 min
Delta R.T.: 0.007 min
Response: 408032
Conc: 0.18 ng/ml



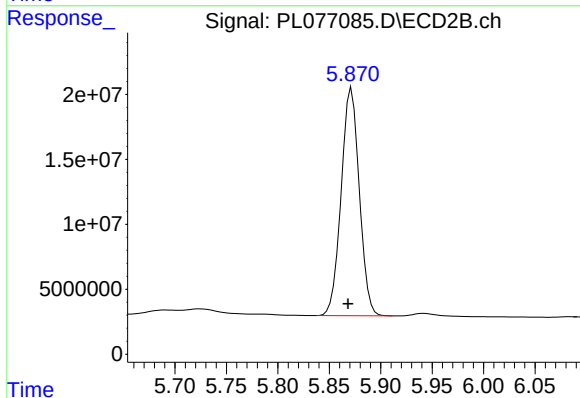
#17 4,4'-DDT

R.T.: 6.918 min
Delta R.T.: 0.003 min
Response: 85813244
Conc: 111.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

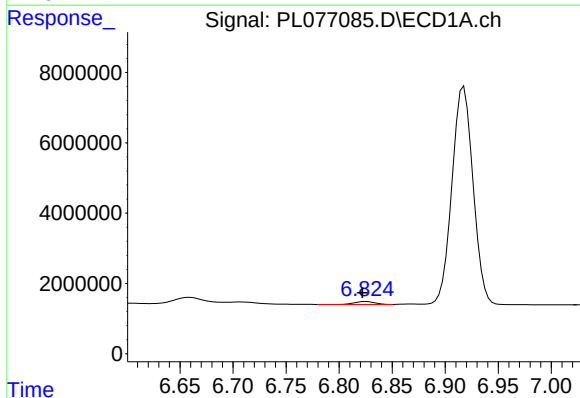
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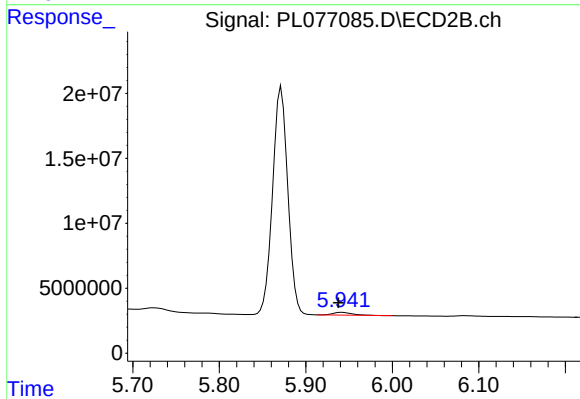
#17 4,4'-DDT

R.T.: 5.872 min
Delta R.T.: 0.003 min
Response: 215034816
Conc: 94.86 ng/ml



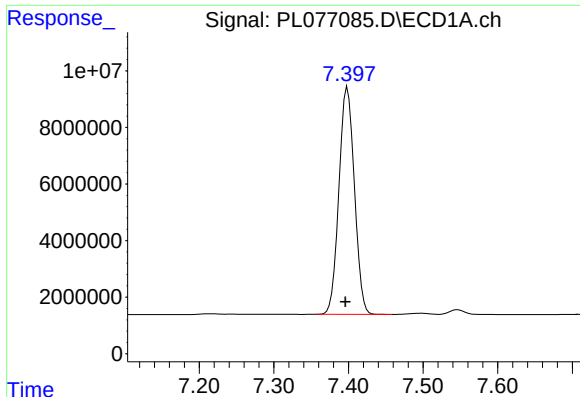
#18 Endrin aldehyde

R.T.: 6.825 min
Delta R.T.: 0.003 min
Response: 1149217
Conc: 1.59 ng/ml



#18 Endrin aldehyde

R.T.: 5.942 min
Delta R.T.: 0.004 min
Response: 3257898
Conc: 1.66 ng/ml



#20 Methoxychlor

R.T.: 7.399 min
Delta R.T.: 0.003 min
Response: 115617675
Conc: 260.47 ng/ml

Instrument :

ECD_L

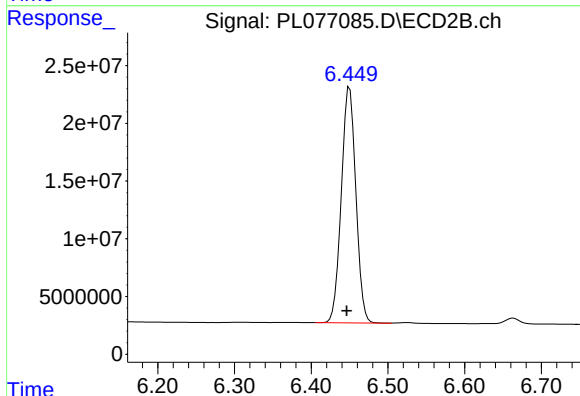
ClientSampleId :

PEM

Manual Integrations

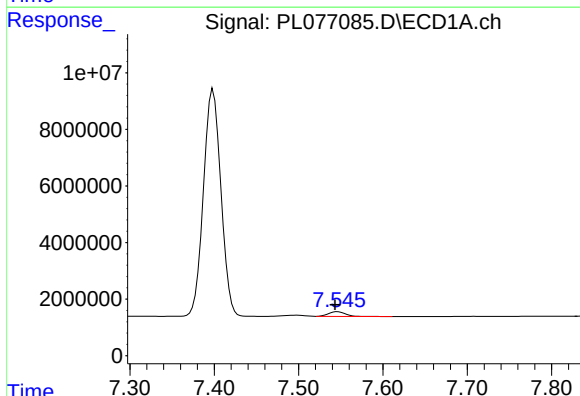
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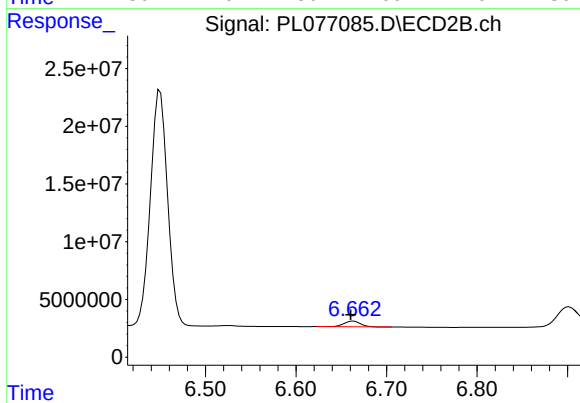
#20 Methoxychlor

R.T.: 6.450 min
Delta R.T.: 0.004 min
Response: 269515675
Conc: 224.07 ng/ml



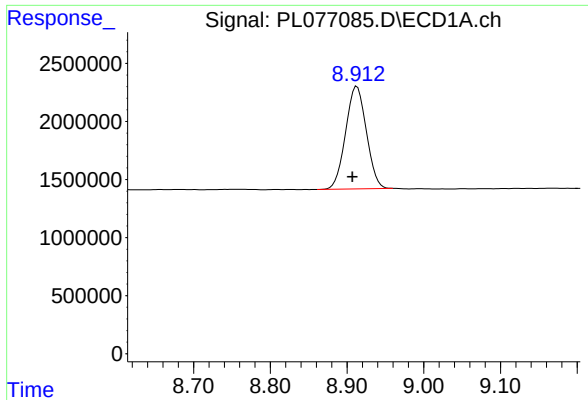
#21 Endrin ketone

R.T.: 7.546 min
Delta R.T.: 0.003 min
Response: 2363281
Conc: 2.61 ng/ml



#21 Endrin ketone

R.T.: 6.663 min
Delta R.T.: 0.003 min
Response: 6296391
Conc: 2.48 ng/ml



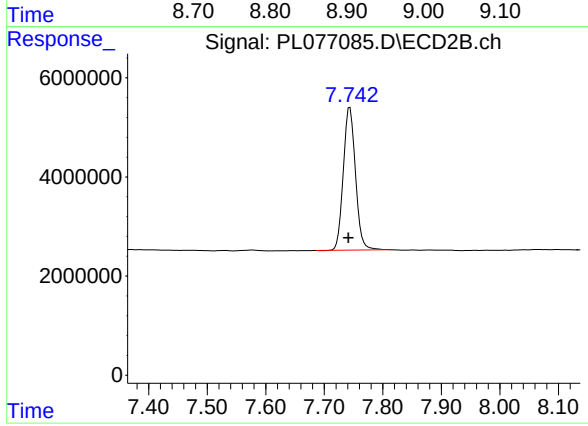
#28 Decachlorobiphenyl

R.T.: 8.913 min
Delta R.T.: 0.006 min
Response: 16700981
Conc: 22.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 7.744 min
Delta R.T.: 0.003 min
Response: 41655646
Conc: 18.50 ng/ml