

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL082422\
 Data File : PL077297.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Aug 2022 08:49
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 08/25/2022
 Supervised By : Ankita Jodhani 08/25/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 24 23:52:54 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL082222.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 23 05:36:06 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...	3.418	2.631	27335632	58928809	20.090	19.174
28)	SA Decachlor...	8.912	7.738	23079450	47614010	19.694	17.064
Target Compounds							
2)	A alpha-BHC	3.882	3.125	18025719	43251359	9.730	9.905
3)	MA gamma-BHC...	4.218	3.450	17612026	39950424	10.061	10.227
6)	B beta-BHC	4.431	3.749	7965589	17447083	10.719	10.579
14)	MA Endrin	6.465	5.459	56277974	126.0E6	47.703	46.102
16)	A 4,4'-DDD	6.606	5.616	2667818	4460070	2.612	1.668 #
17)	MA 4,4'-DDT	6.917	5.865	106.4E6	242.4E6	95.220	92.023
18)	B Endrin al...	6.824	5.934	1568332	3502995	1.718	1.674m
20)	A Methoxychlor	7.398	6.443	139.9E6	301.7E6	232.232	213.855
21)	B Endrin ke...	7.545	6.656	3517719	6396146	2.884	2.220m

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

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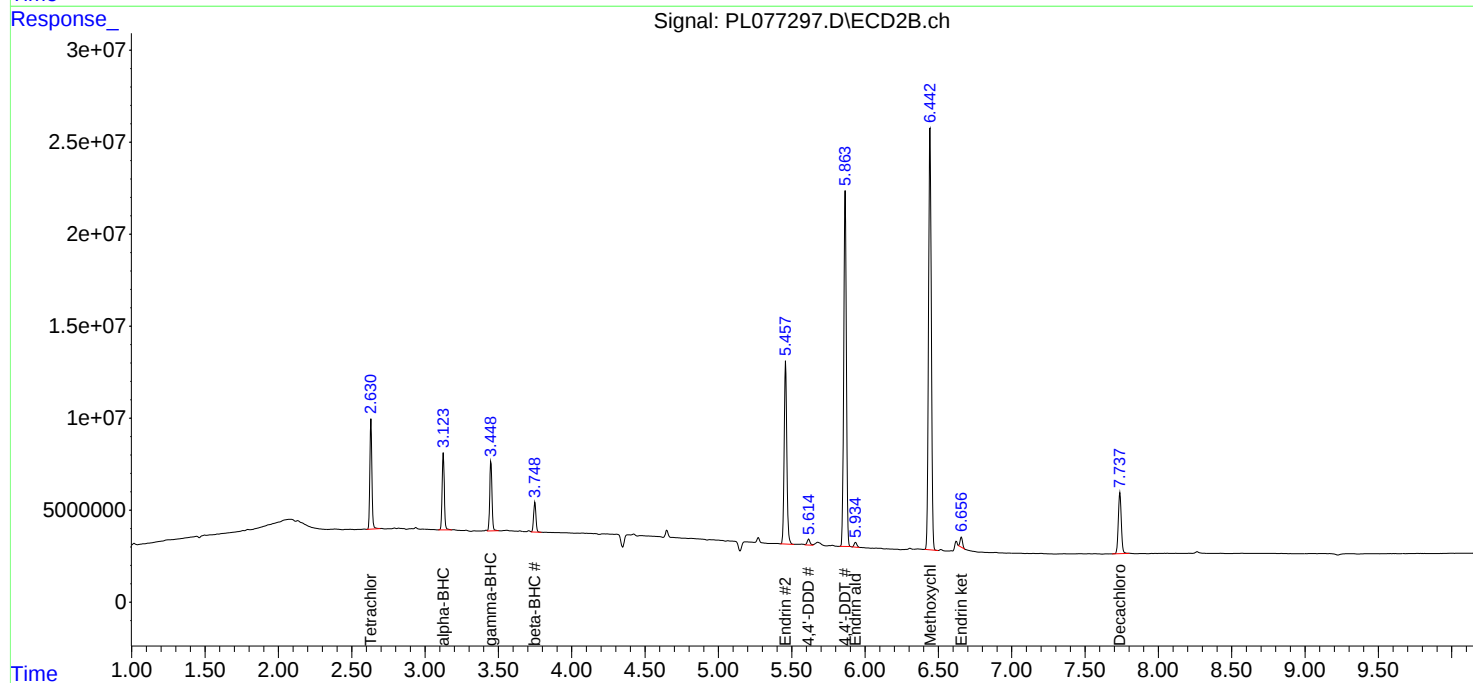
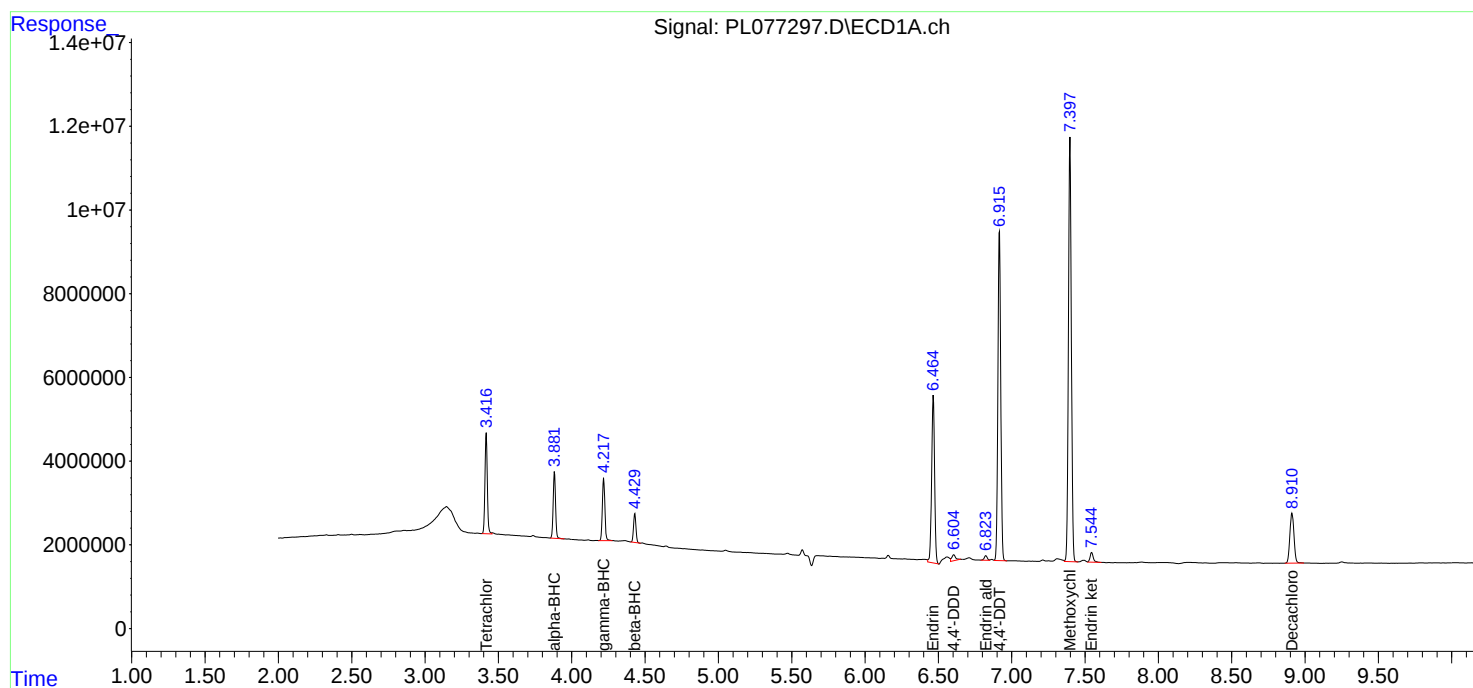
Instrument :
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ClientSampleId :
PEM

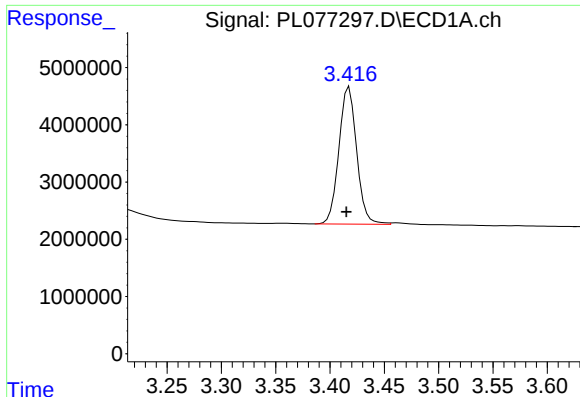
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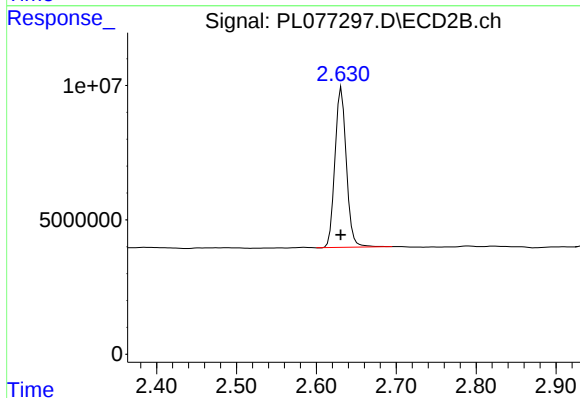
#1 Tetrachloro-m-xylene

R.T.: 3.418 min
Delta R.T.: 0.003 min
Response: 27335632
Conc: 20.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

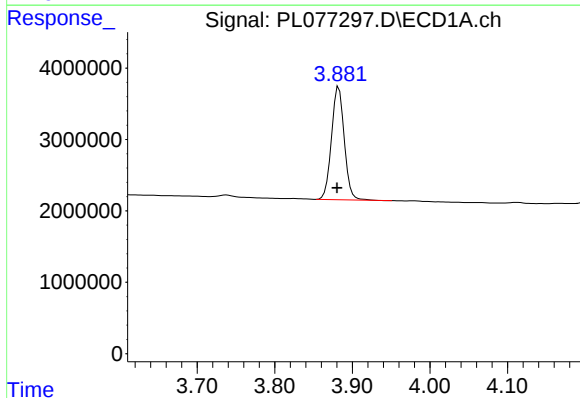
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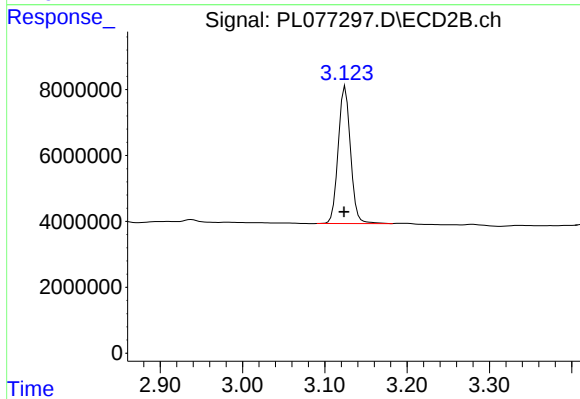
#1 Tetrachloro-m-xylene

R.T.: 2.631 min
Delta R.T.: 0.001 min
Response: 58928809
Conc: 19.17 ng/ml



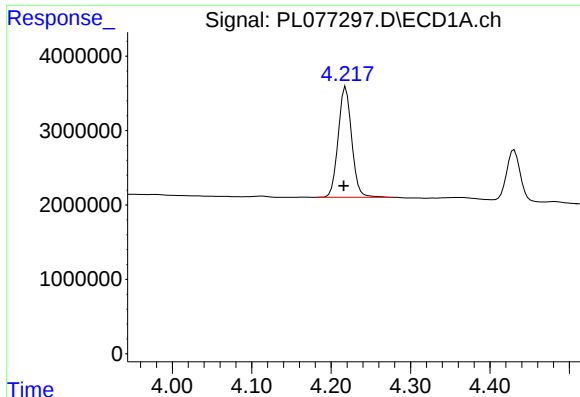
#2 alpha-BHC

R.T.: 3.882 min
Delta R.T.: 0.002 min
Response: 18025719
Conc: 9.73 ng/ml



#2 alpha-BHC

R.T.: 3.125 min
Delta R.T.: 0.002 min
Response: 43251359
Conc: 9.91 ng/ml



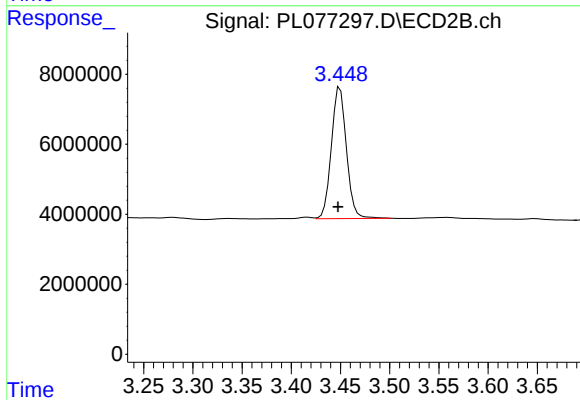
#3 gamma-BHC (Lindane)

R.T.: 4.218 min
Delta R.T.: 0.003 min
Response: 17612026
Conc: 10.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

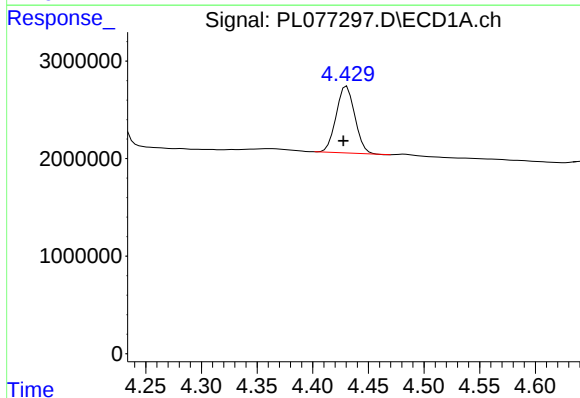
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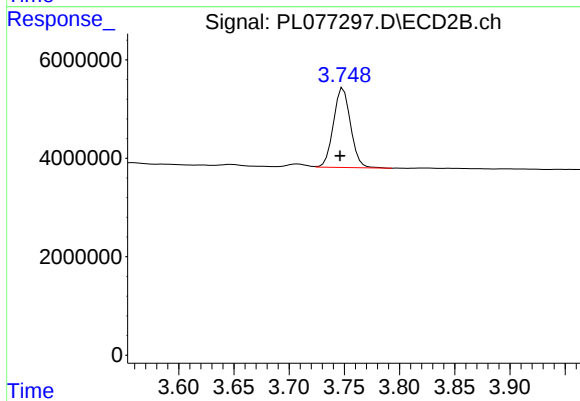
#3 gamma-BHC (Lindane)

R.T.: 3.450 min
Delta R.T.: 0.002 min
Response: 39950424
Conc: 10.23 ng/ml



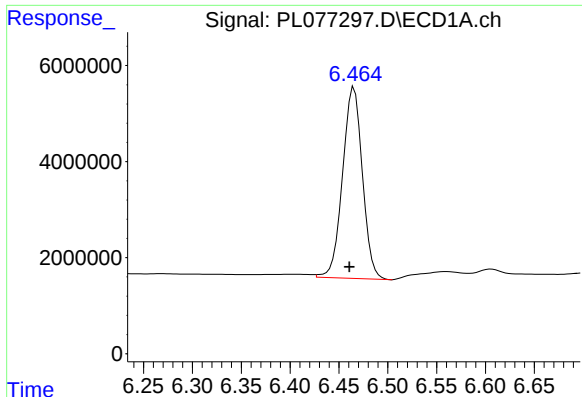
#6 beta-BHC

R.T.: 4.431 min
Delta R.T.: 0.003 min
Response: 7965589
Conc: 10.72 ng/ml



#6 beta-BHC

R.T.: 3.749 min
Delta R.T.: 0.003 min
Response: 17447083
Conc: 10.58 ng/ml



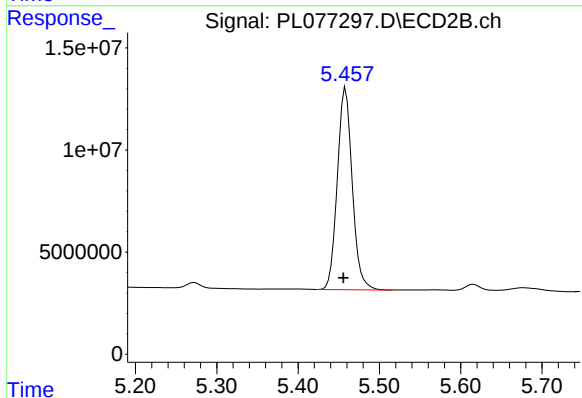
#14 Endrin

R.T.: 6.465 min
Delta R.T.: 0.005 min
Response: 56277974
Conc: 47.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

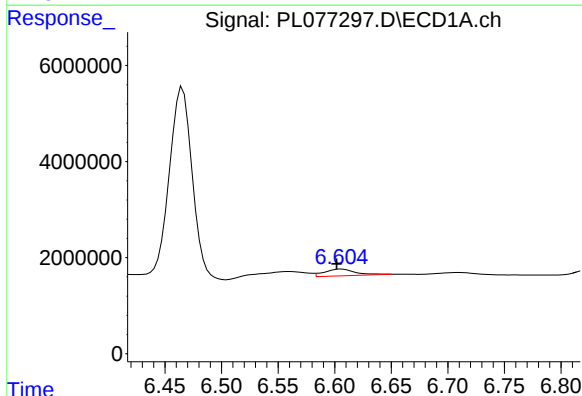
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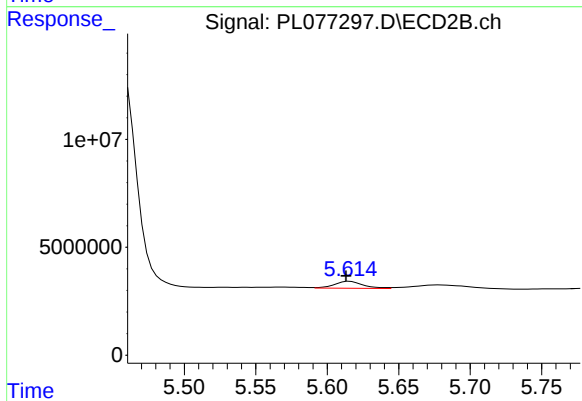
#14 Endrin

R.T.: 5.459 min
Delta R.T.: 0.003 min
Response: 126036558
Conc: 46.10 ng/ml



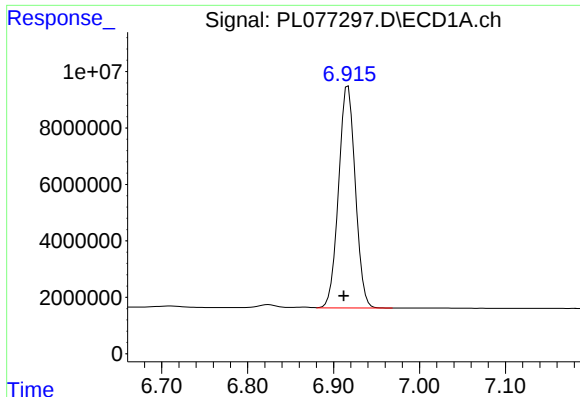
#16 4,4'-DDD

R.T.: 6.606 min
Delta R.T.: 0.004 min
Response: 2667818
Conc: 2.61 ng/ml



#16 4,4'-DDD

R.T.: 5.616 min
Delta R.T.: 0.003 min
Response: 4460070
Conc: 1.67 ng/ml



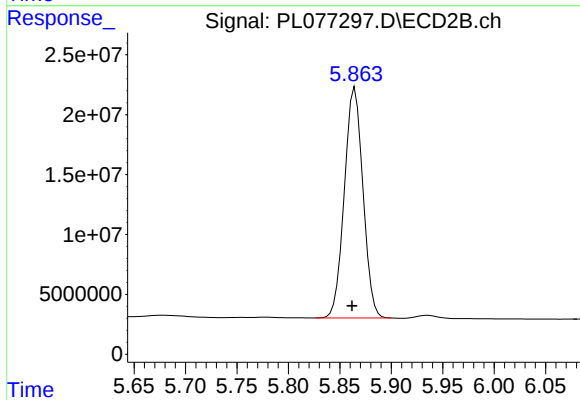
#17 4,4'-DDT

R.T.: 6.917 min
Delta R.T.: 0.005 min
Response: 106365083
Conc: 95.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

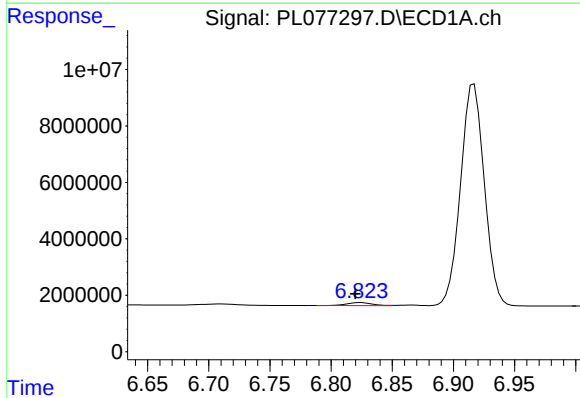
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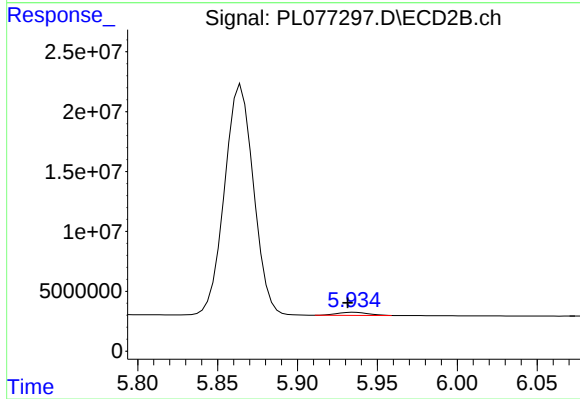
#17 4,4'-DDT

R.T.: 5.865 min
Delta R.T.: 0.003 min
Response: 242403797
Conc: 92.02 ng/ml



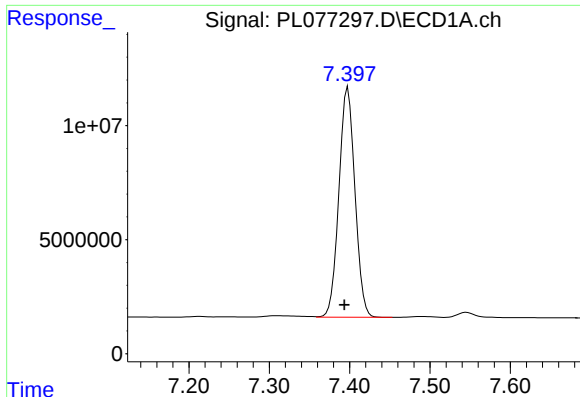
#18 Endrin aldehyde

R.T.: 6.824 min
Delta R.T.: 0.004 min
Response: 1568332
Conc: 1.72 ng/ml



#18 Endrin aldehyde

R.T.: 5.934 min
Delta R.T.: 0.002 min
Response: 3502995
Conc: 1.67 ng/ml m



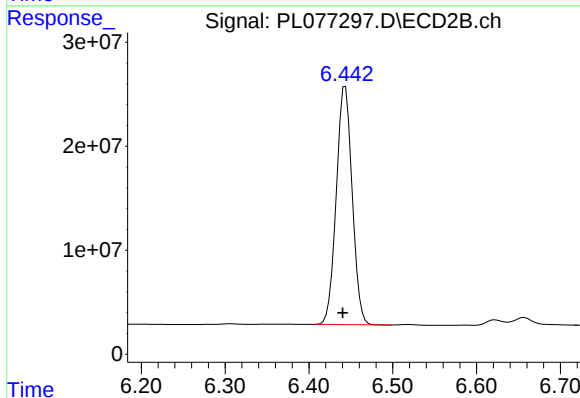
#20 Methoxychlor

R.T.: 7.398 min
Delta R.T.: 0.004 min
Response: 139859552
Conc: 232.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

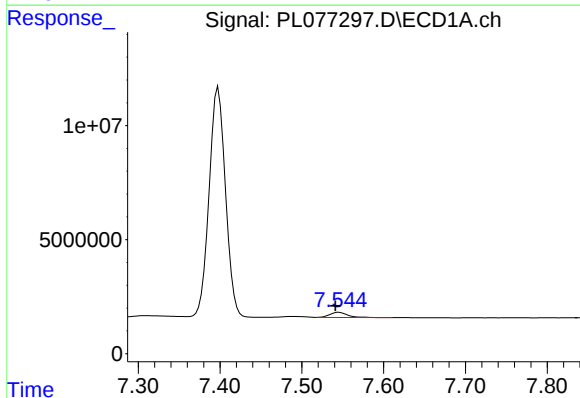
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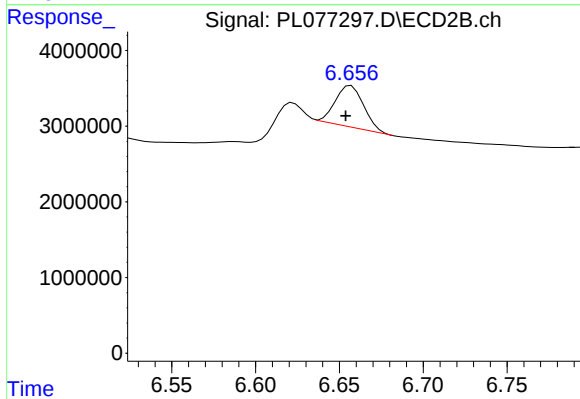
#20 Methoxychlor

R.T.: 6.443 min
Delta R.T.: 0.003 min
Response: 301695207
Conc: 213.85 ng/ml



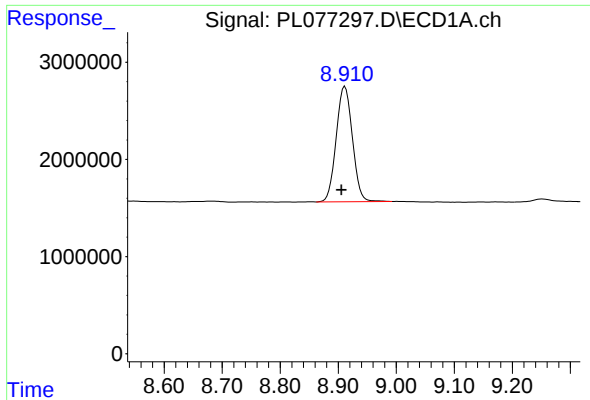
#21 Endrin ketone

R.T.: 7.545 min
Delta R.T.: 0.004 min
Response: 3517719
Conc: 2.88 ng/ml



#21 Endrin ketone

R.T.: 6.656 min
Delta R.T.: 0.002 min
Response: 6396146
Conc: 2.22 ng/ml m



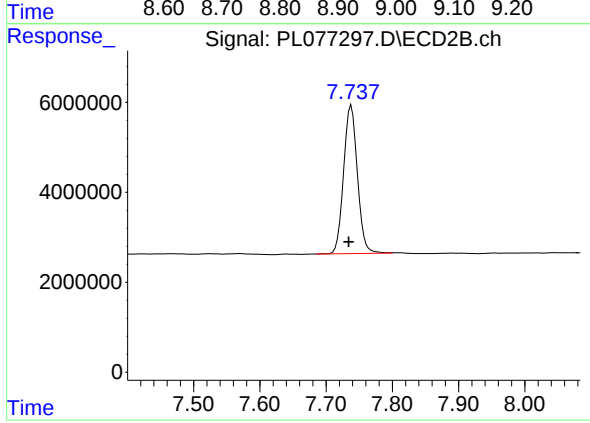
#28 Decachlorobiphenyl

R.T.: 8.912 min
Delta R.T.: 0.006 min
Response: 23079450
Conc: 19.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 7.738 min
Delta R.T.: 0.004 min
Response: 47614010
Conc: 17.06 ng/ml