

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL090722\
 Data File : PL077547.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Sep 2022 14:33
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 09/13/2022
 Supervised By : Ankita Jodhani 09/13/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 08 04:41:02 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL090722.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 07 14:34:08 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	2.629	37538178	60261235	21.955	22.773
28)	SA Decachlor...	8.905	7.727	34498051	45458621	23.000	23.051
Target Compounds							
2)	A alpha-BHC	3.881	3.121	26154403	45981213	10.191	11.482
3)	MA gamma-BHC...	4.217	3.445	25173123	39002407	10.519	12.476
6)	B beta-BHC	4.429	3.744	11783138	17747964	11.485	12.401
14)	MA Endrin	6.461	5.451	80822553	121.7E6	53.382	59.022
16)	A 4,4'-DDD	6.600	5.607	137842	496310	0.104m	0.241m#
17)	MA 4,4'-DDT	6.912	5.857	174.1E6	259.2E6	109.809	121.446
18)	B Endrin al...	6.820	5.928	1677773	3588063	1.438	2.063 #
20)	A Methoxychlor	7.394	6.435	224.2E6	321.8E6	282.682	273.817
21)	B Endrin ke...	7.541	6.648	3170608	6140837	2.054	2.532

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

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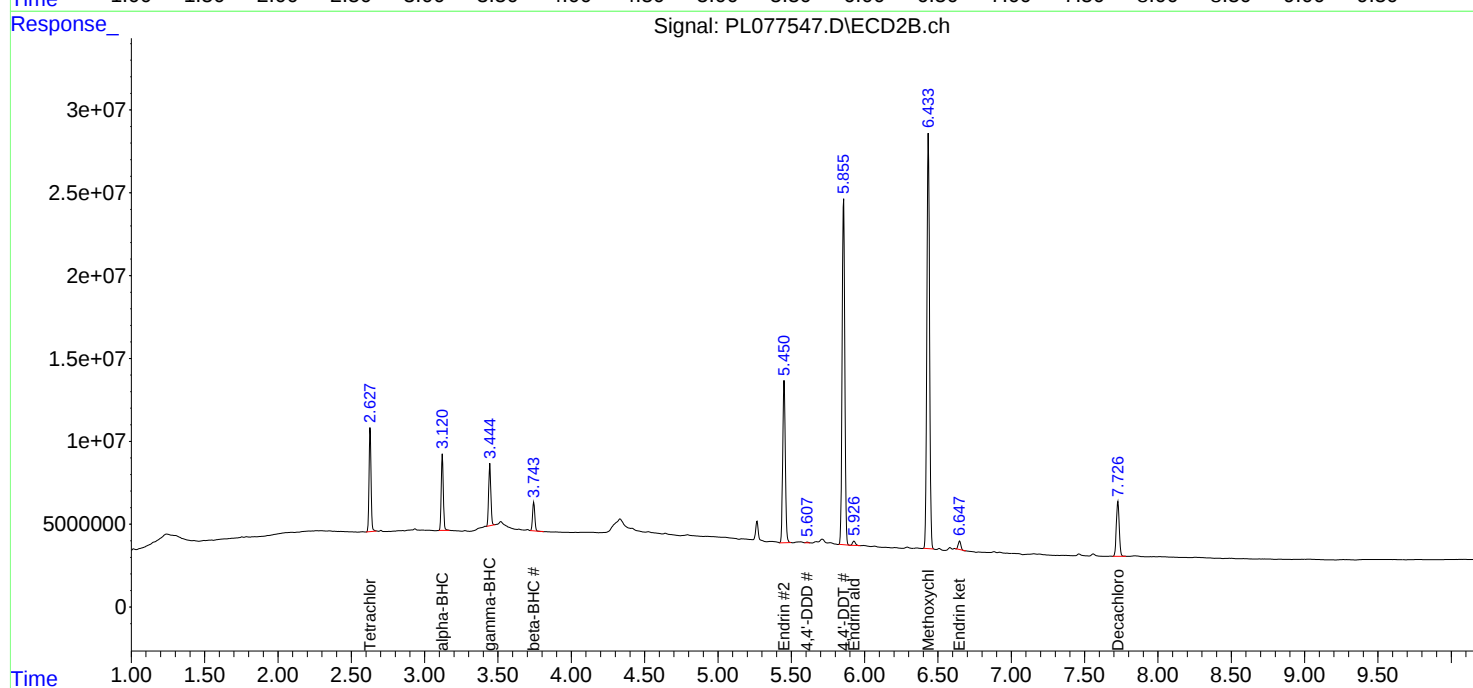
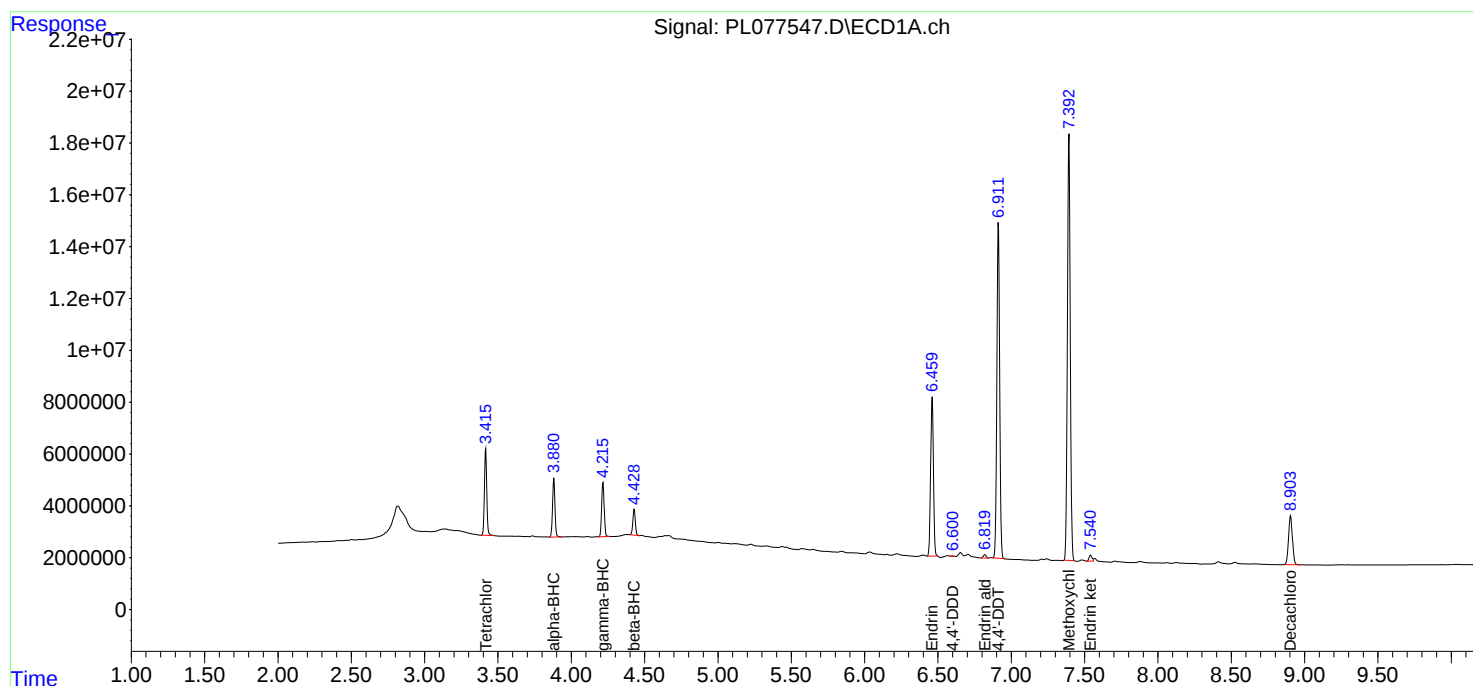
Instrument :
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ClientSampleId :
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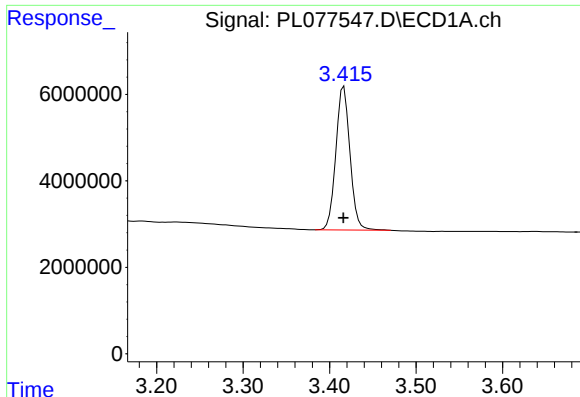
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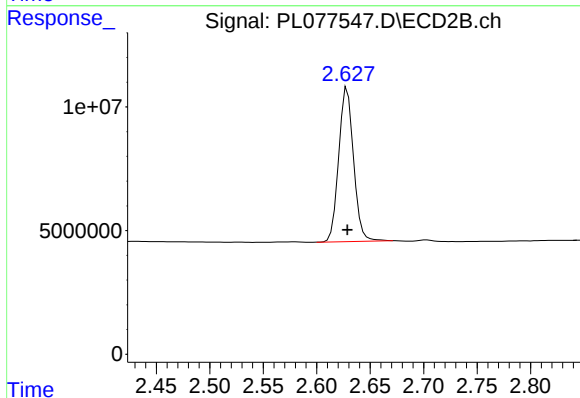
#1 Tetrachloro-m-xylene

R.T.: 3.417 min
Delta R.T.: 0.000 min
Response: 37538178
Conc: 21.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

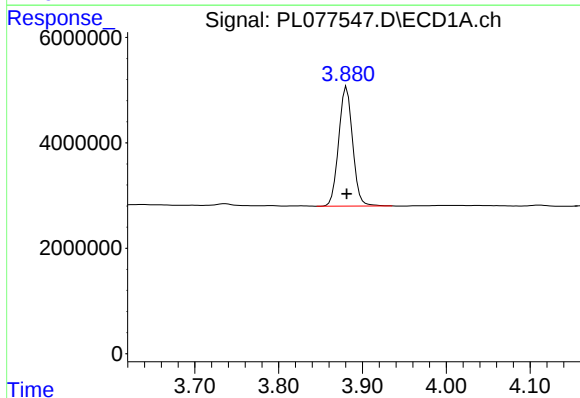
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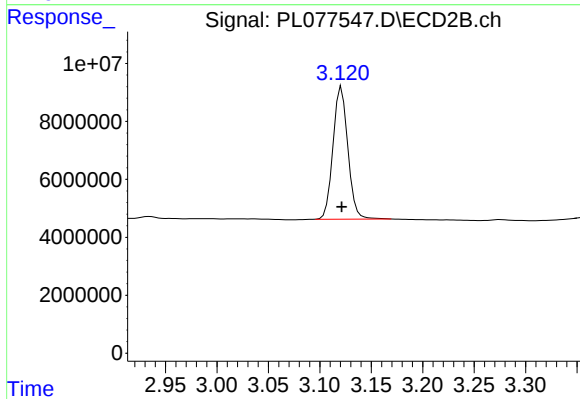
#1 Tetrachloro-m-xylene

R.T.: 2.629 min
Delta R.T.: 0.000 min
Response: 60261235
Conc: 22.77 ng/ml



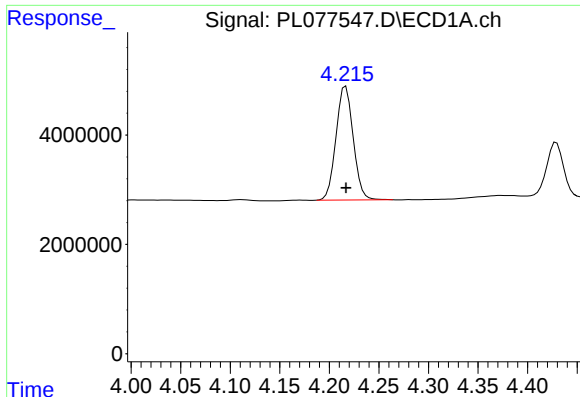
#2 alpha-BHC

R.T.: 3.881 min
Delta R.T.: 0.000 min
Response: 26154403
Conc: 10.19 ng/ml



#2 alpha-BHC

R.T.: 3.121 min
Delta R.T.: 0.000 min
Response: 45981213
Conc: 11.48 ng/ml



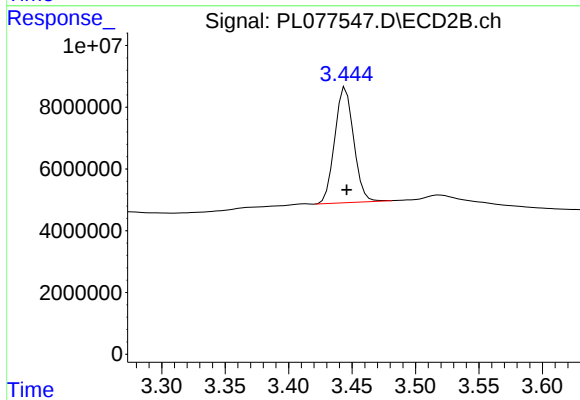
#3 gamma-BHC (Lindane)

R.T.: 4.217 min
Delta R.T.: 0.000 min
Response: 25173123
Conc: 10.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

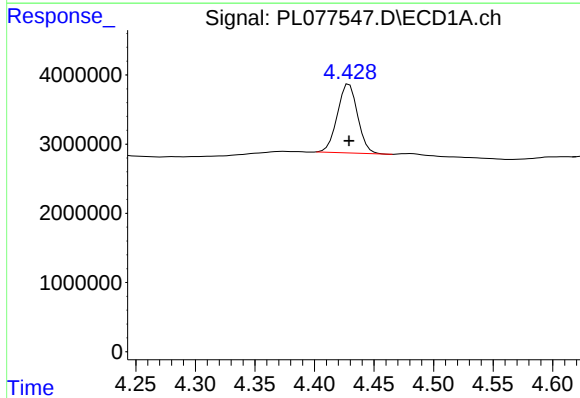
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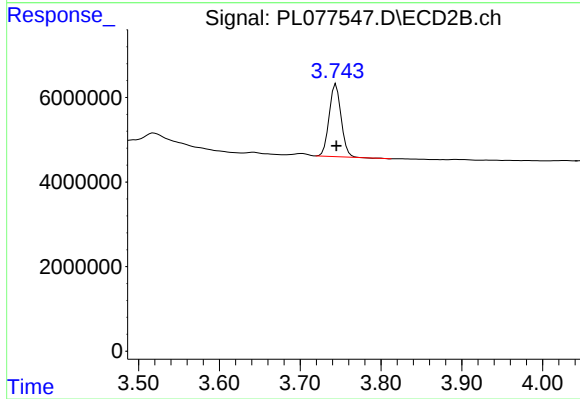
#3 gamma-BHC (Lindane)

R.T.: 3.445 min
Delta R.T.: 0.000 min
Response: 39002407
Conc: 12.48 ng/ml



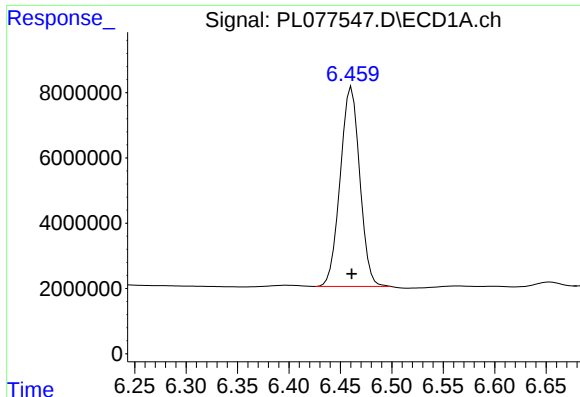
#6 beta-BHC

R.T.: 4.429 min
Delta R.T.: 0.000 min
Response: 11783138
Conc: 11.48 ng/ml



#6 beta-BHC

R.T.: 3.744 min
Delta R.T.: 0.000 min
Response: 17747964
Conc: 12.40 ng/ml



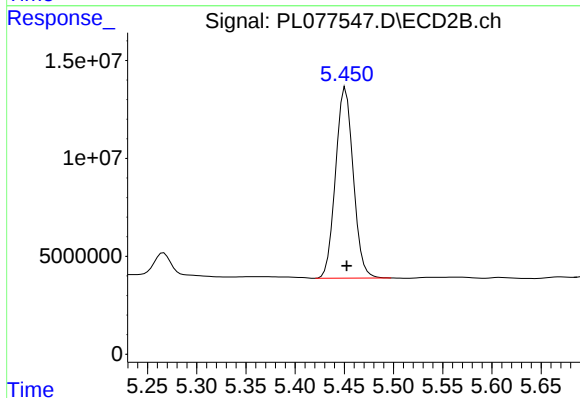
#14 Endrin

R.T.: 6.461 min
Delta R.T.: 0.000 min
Response: 80822553
Conc: 53.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

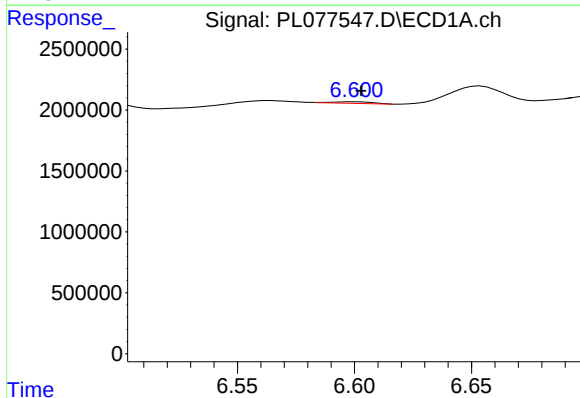
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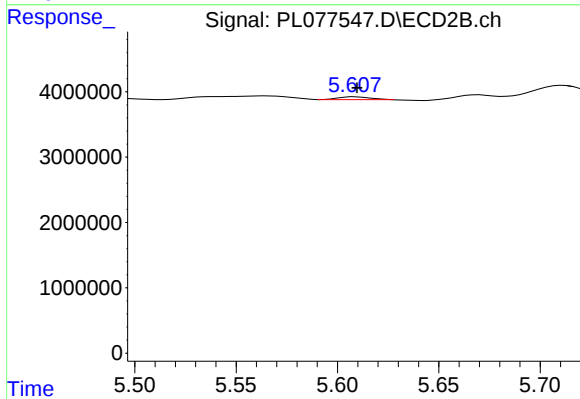
#14 Endrin

R.T.: 5.451 min
Delta R.T.: -0.001 min
Response: 121667642
Conc: 59.02 ng/ml



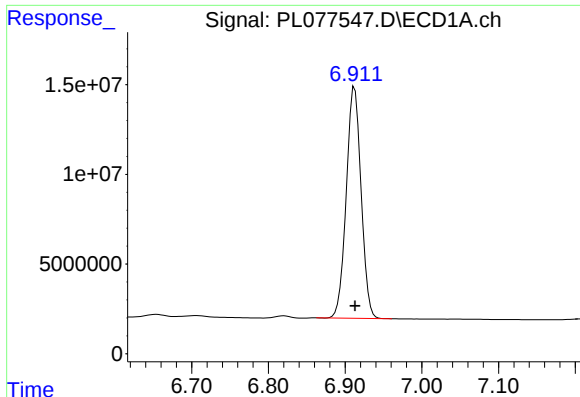
#16 4,4'-DDD

R.T.: 6.600 min
Delta R.T.: -0.003 min
Response: 137842
Conc: 0.10 ng/ml m



#16 4,4'-DDD

R.T.: 5.607 min
Delta R.T.: -0.003 min
Response: 496310
Conc: 0.24 ng/ml m



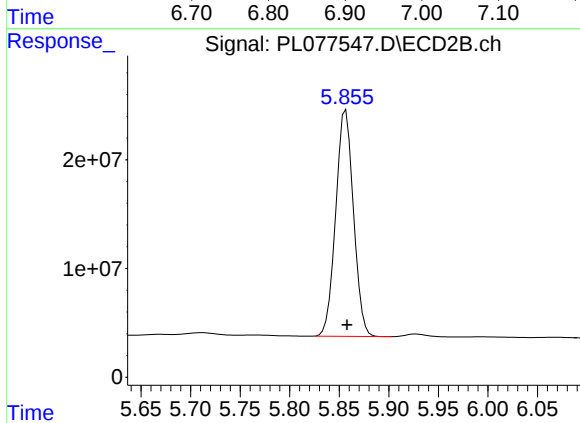
#17 4,4'-DDT

R.T.: 6.912 min
Delta R.T.: 0.000 min
Response: 174089258
Conc: 109.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

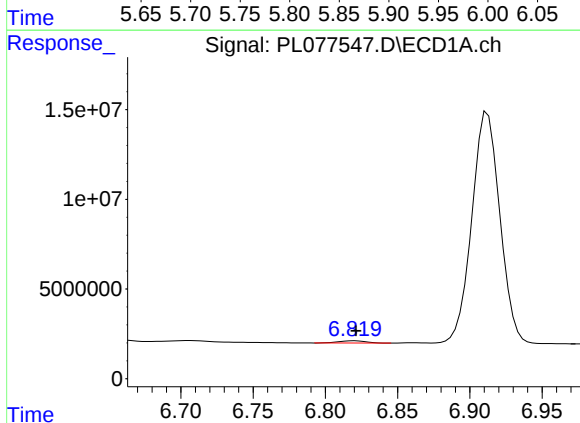
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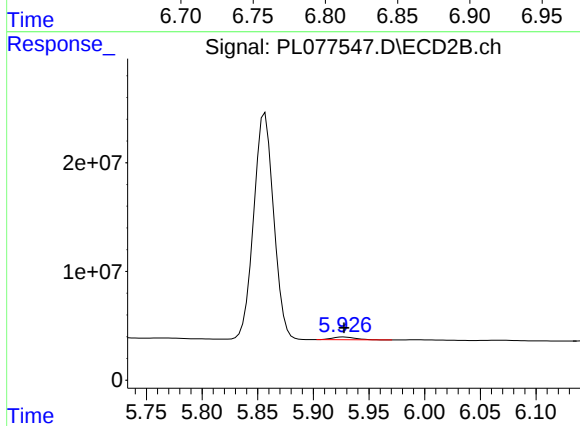
#17 4,4'-DDT

R.T.: 5.857 min
Delta R.T.: -0.001 min
Response: 259248368
Conc: 121.45 ng/ml



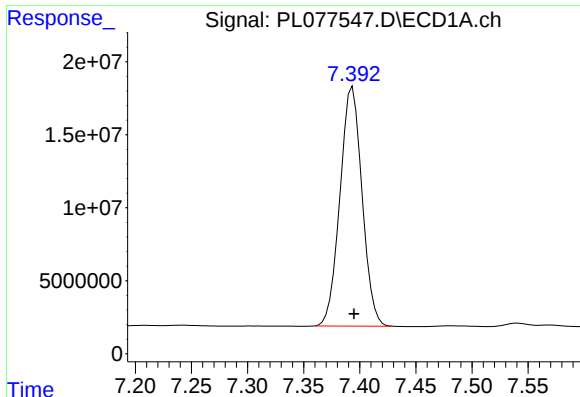
#18 Endrin aldehyde

R.T.: 6.820 min
Delta R.T.: -0.001 min
Response: 1677773
Conc: 1.44 ng/ml



#18 Endrin aldehyde

R.T.: 5.928 min
Delta R.T.: 0.000 min
Response: 3588063
Conc: 2.06 ng/ml



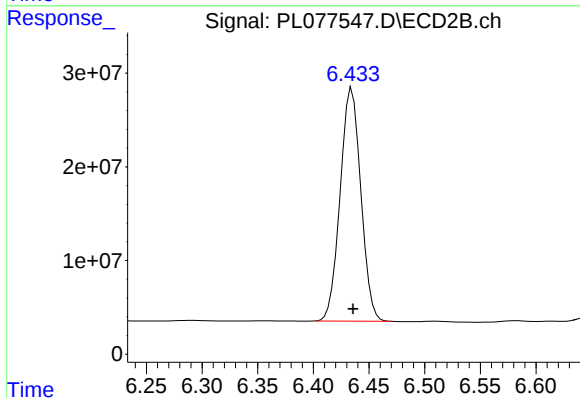
#20 Methoxychlor

R.T.: 7.394 min
Delta R.T.: -0.001 min
Response: 224227912
Conc: 282.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

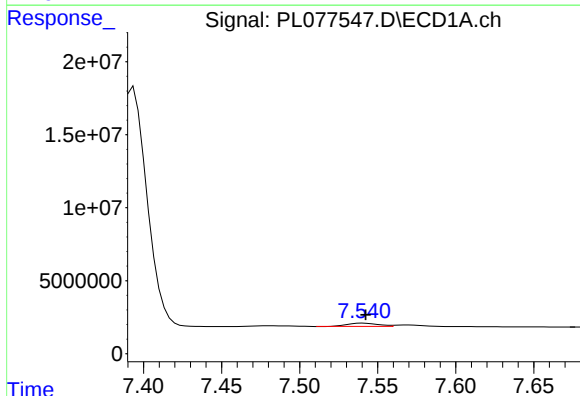
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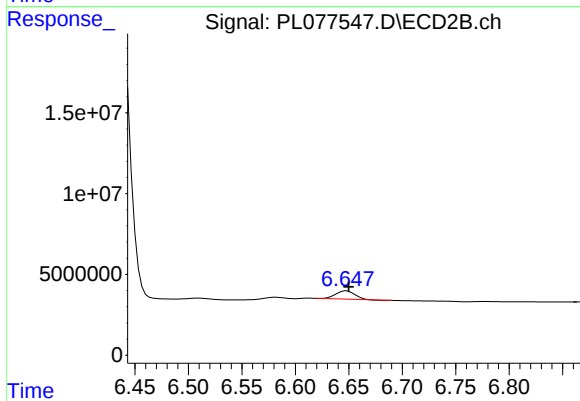
#20 Methoxychlor

R.T.: 6.435 min
Delta R.T.: -0.001 min
Response: 321756467
Conc: 273.82 ng/ml



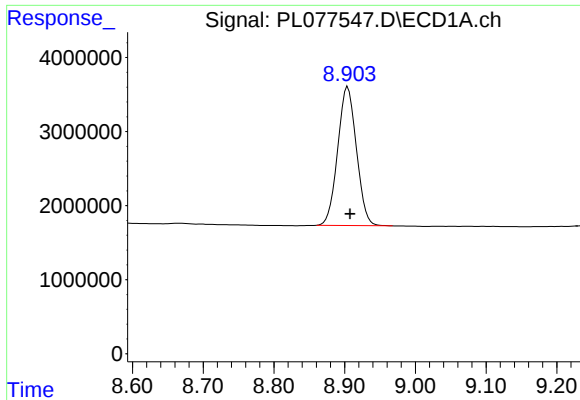
#21 Endrin ketone

R.T.: 7.541 min
Delta R.T.: -0.001 min
Response: 3170608
Conc: 2.05 ng/ml



#21 Endrin ketone

R.T.: 6.648 min
Delta R.T.: -0.002 min
Response: 6140837
Conc: 2.53 ng/ml



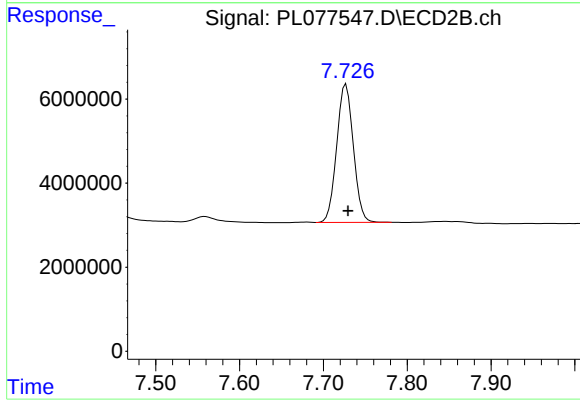
#28 Decachlorobiphenyl

R.T.: 8.905 min
Delta R.T.: -0.003 min
Response: 34498051
Conc: 23.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 7.727 min
Delta R.T.: -0.003 min
Response: 45458621
Conc: 23.05 ng/ml