

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL120122\
 Data File : PL079523.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Dec 2022 10:49
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 12/07/2022
 Supervised By : Ankita Jodhani 12/02/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 01 20:34:17 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL112322.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 24 00:09:49 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...	3.319	2.566	45018322	52137714	19.928	19.154
28)	SA Decachlor...	8.767	7.632	39012021	43485301	20.088	18.510
Target Compounds							
2)	A alpha-BHC	3.779	3.052	30104884	39101012	8.755	9.068
3)	MA gamma-BHC...	4.111	3.373	29505525	29253829	9.104	7.513
6)	B beta-BHC	4.327	3.672	13291255	15377111	9.413	10.149m
14)	MA Endrin	6.346	5.362	105.7E6	111.6E6	43.712	36.895
16)	A 4,4'-DDD	6.505	5.522	565824	482242	0.285m	0.193m#
17)	MA 4,4'-DDT	6.804	5.768	223.7E6	242.3E6	98.598	92.712
18)	B Endrin al...	6.708	5.842	1464053	1341718	0.808	0.630m
20)	A Methoxychlor	7.289	6.345	300.2E6	309.3E6	248.804	227.591
21)	B Endrin ke...	7.427	6.555	3487491	5199026	1.414	1.688

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

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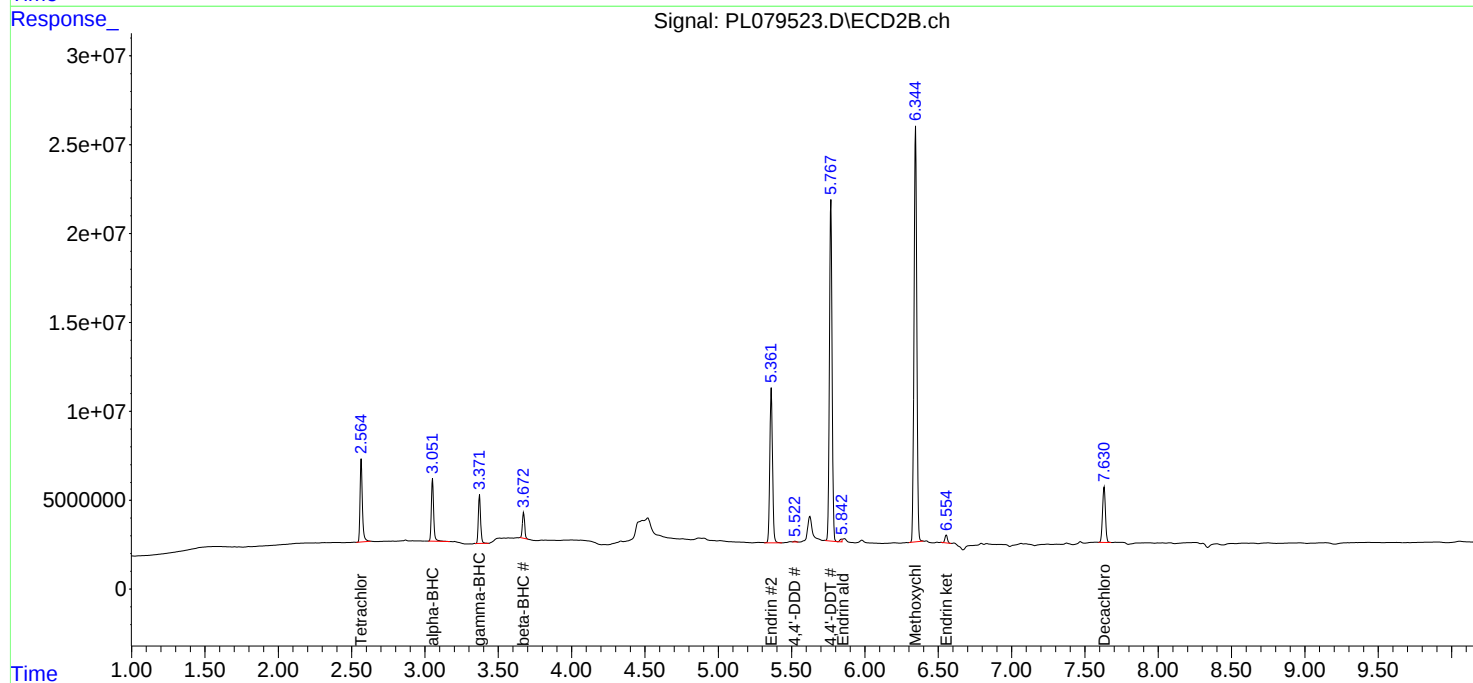
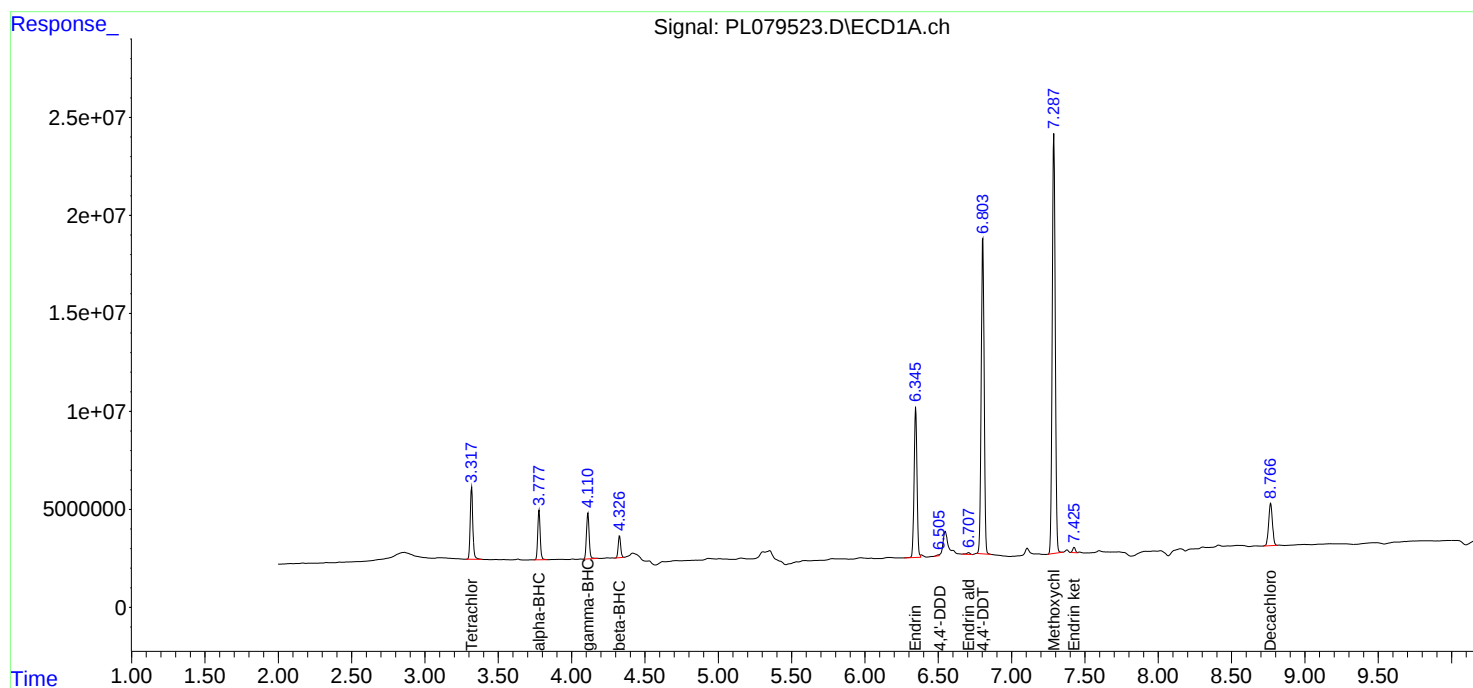
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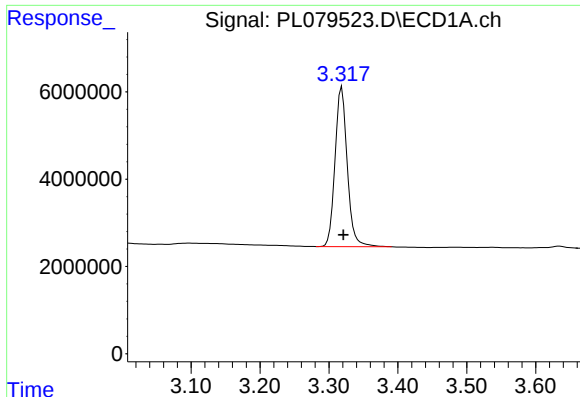
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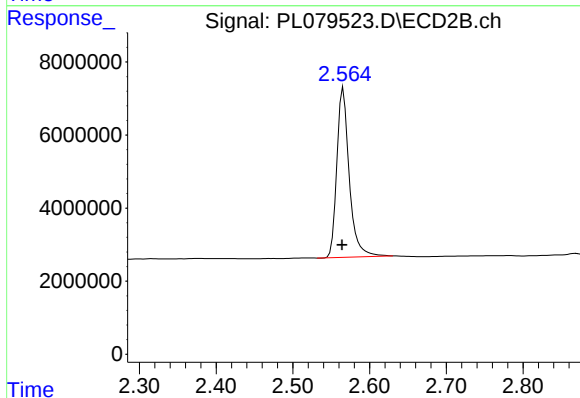
#1 Tetrachloro-m-xylene

R.T.: 3.319 min
Delta R.T.: -0.002 min
Response: 45018322
Conc: 19.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

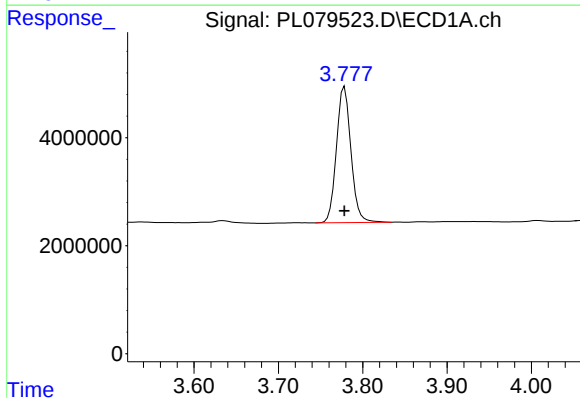
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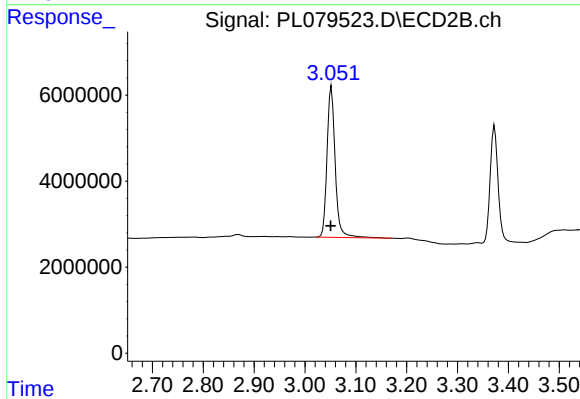
#1 Tetrachloro-m-xylene

R.T.: 2.566 min
Delta R.T.: 0.001 min
Response: 52137714
Conc: 19.15 ng/ml



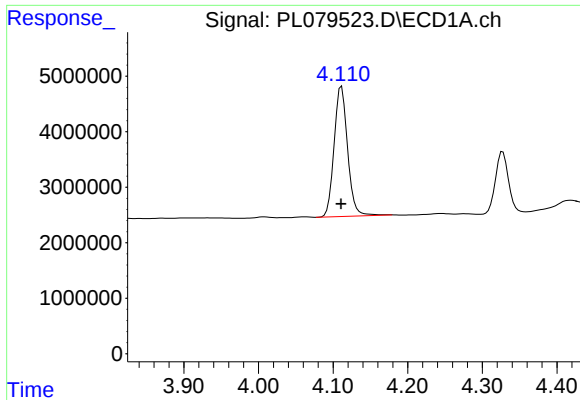
#2 alpha-BHC

R.T.: 3.779 min
Delta R.T.: 0.000 min
Response: 30104884
Conc: 8.75 ng/ml



#2 alpha-BHC

R.T.: 3.052 min
Delta R.T.: 0.001 min
Response: 39101012
Conc: 9.07 ng/ml



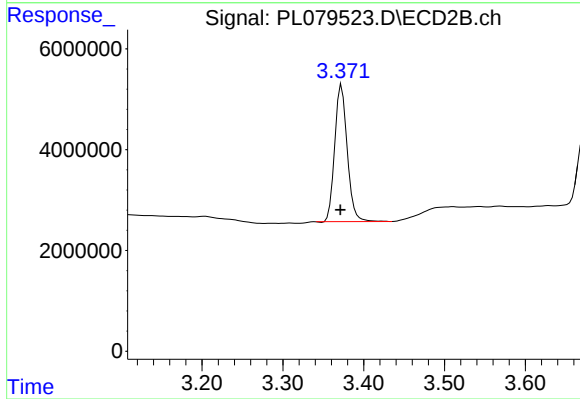
#3 gamma-BHC (Lindane)

R.T.: 4.111 min
Delta R.T.: 0.000 min
Response: 29505525
Conc: 9.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

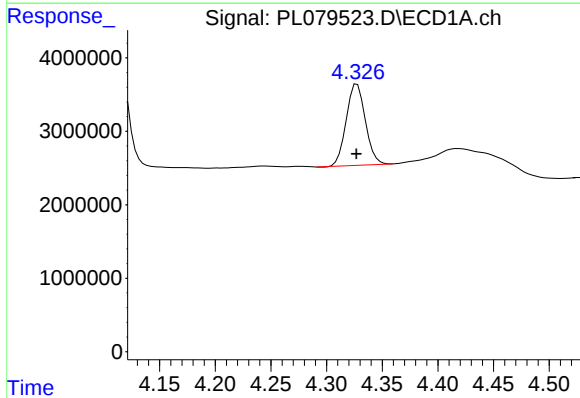
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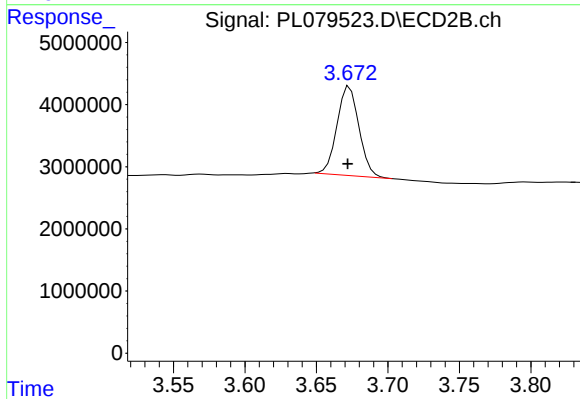
#3 gamma-BHC (Lindane)

R.T.: 3.373 min
Delta R.T.: 0.001 min
Response: 29253829
Conc: 7.51 ng/ml



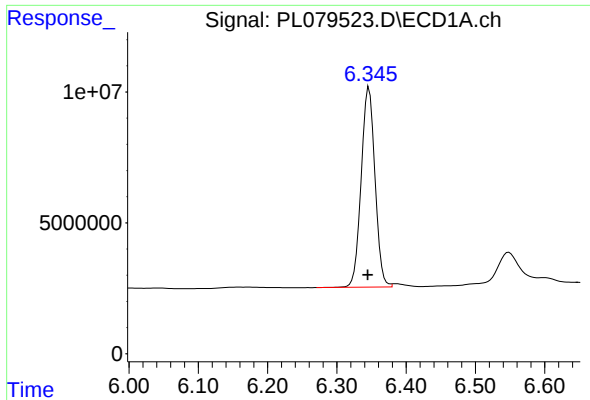
#6 beta-BHC

R.T.: 4.327 min
Delta R.T.: 0.000 min
Response: 13291255
Conc: 9.41 ng/ml



#6 beta-BHC

R.T.: 3.672 min
Delta R.T.: 0.000 min
Response: 15377111
Conc: 10.15 ng/ml m



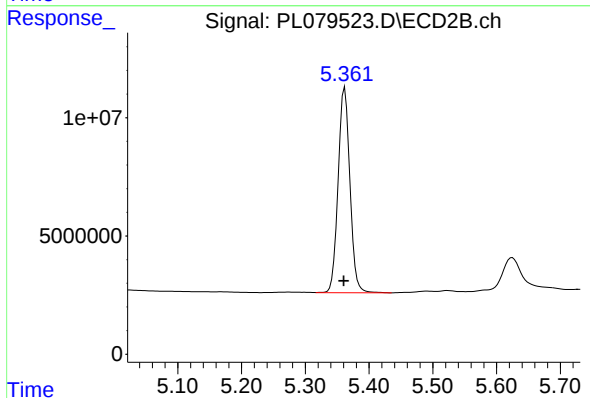
#14 Endrin

R.T.: 6.346 min
Delta R.T.: 0.002 min
Response: 105748863
Conc: 43.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

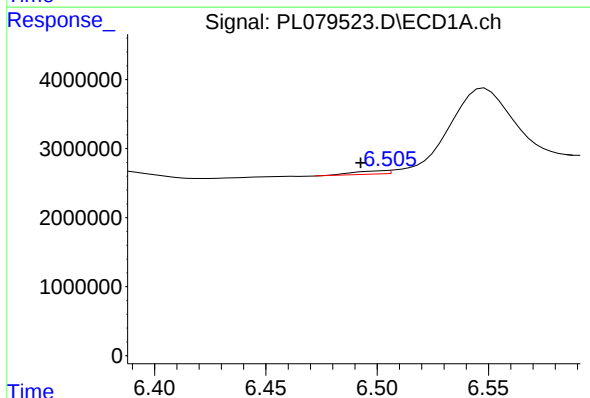
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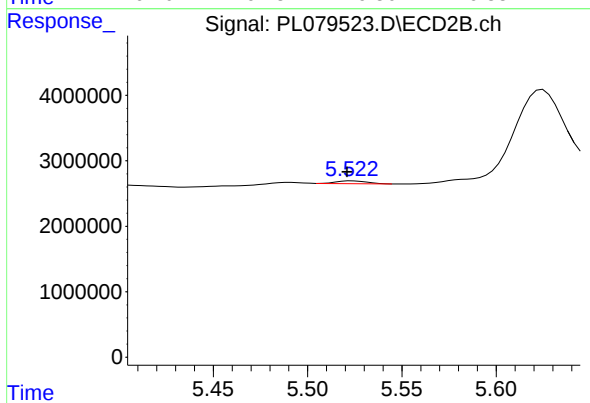
#14 Endrin

R.T.: 5.362 min
Delta R.T.: 0.002 min
Response: 111596781
Conc: 36.89 ng/ml



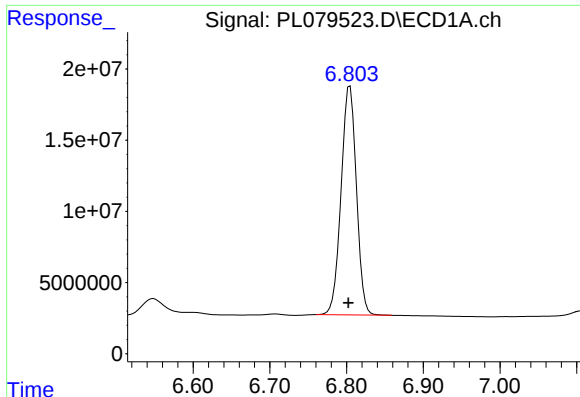
#16 4,4'-DDD

R.T.: 6.505 min
Delta R.T.: 0.012 min
Response: 565824
Conc: 0.29 ng/ml m



#16 4,4'-DDD

R.T.: 5.522 min
Delta R.T.: 0.000 min
Response: 482242
Conc: 0.19 ng/ml m



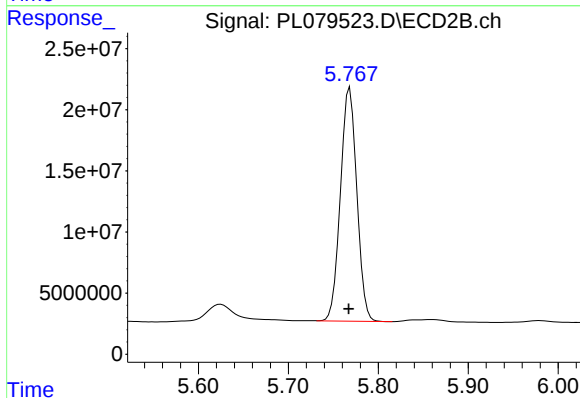
#17 4,4'-DDT

R.T.: 6.804 min
Delta R.T.: 0.002 min
Response: 223656555
Conc: 98.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

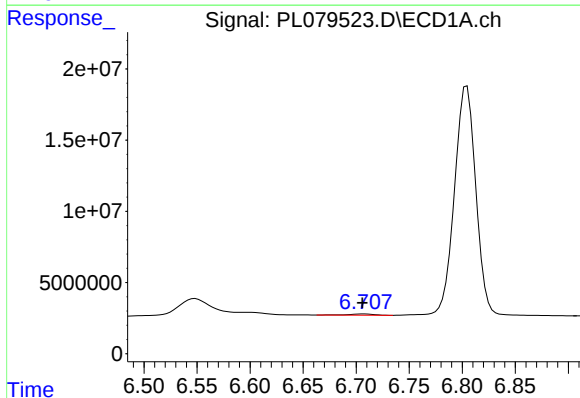
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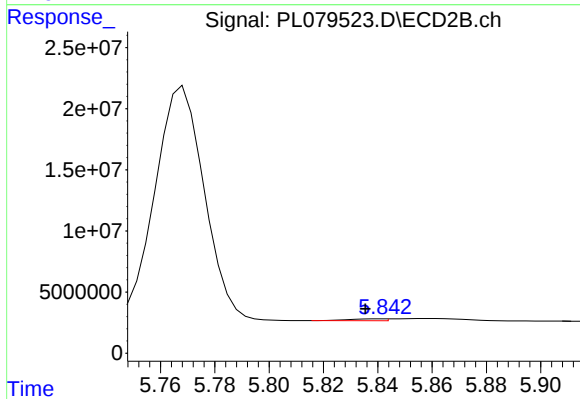
#17 4,4'-DDT

R.T.: 5.768 min
Delta R.T.: 0.001 min
Response: 242310848
Conc: 92.71 ng/ml



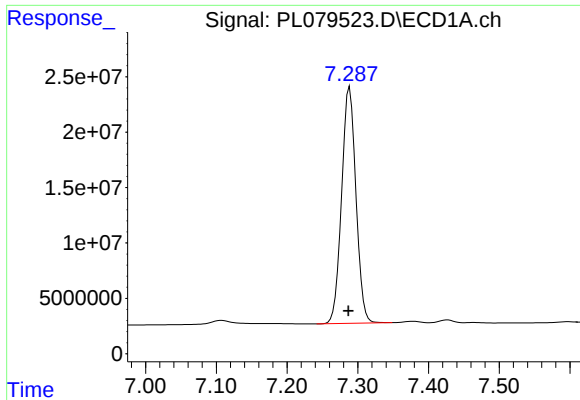
#18 Endrin aldehyde

R.T.: 6.708 min
Delta R.T.: 0.002 min
Response: 1464053
Conc: 0.81 ng/ml



#18 Endrin aldehyde

R.T.: 5.842 min
Delta R.T.: 0.006 min
Response: 1341718
Conc: 0.63 ng/ml m



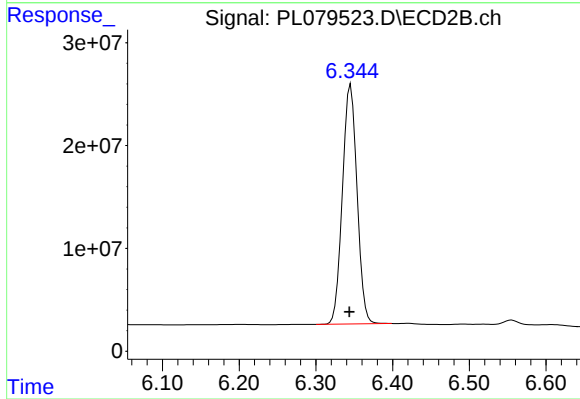
#20 Methoxychlor

R.T.: 7.289 min
Delta R.T.: 0.002 min
Response: 300154453
Conc: 248.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

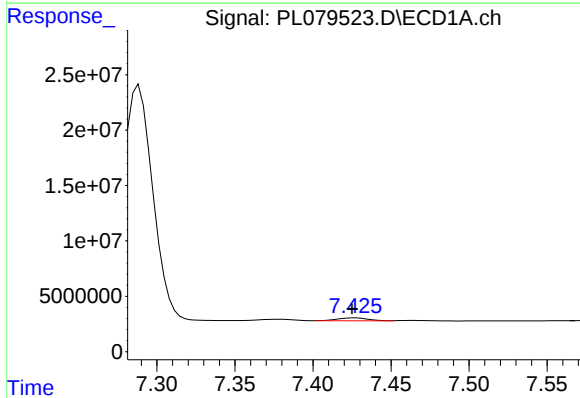
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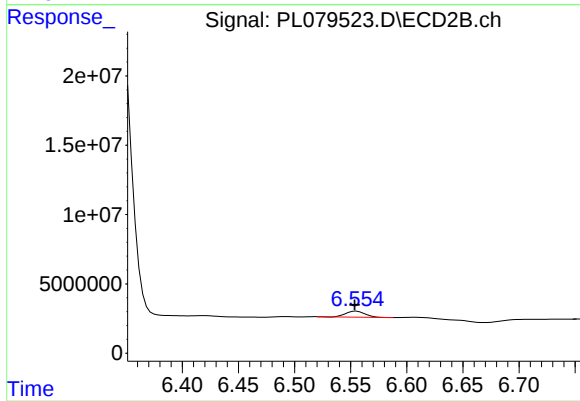
#20 Methoxychlor

R.T.: 6.345 min
Delta R.T.: 0.002 min
Response: 309334832
Conc: 227.59 ng/ml



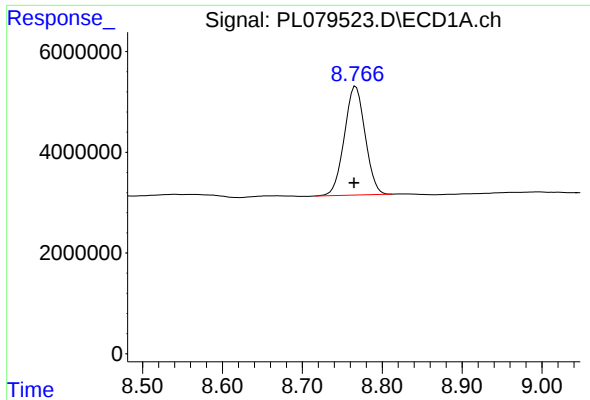
#21 Endrin ketone

R.T.: 7.427 min
Delta R.T.: 0.002 min
Response: 3487491
Conc: 1.41 ng/ml



#21 Endrin ketone

R.T.: 6.555 min
Delta R.T.: 0.002 min
Response: 5199026
Conc: 1.69 ng/ml



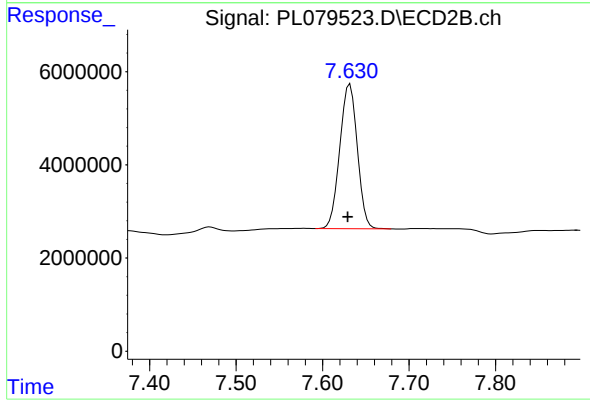
#28 Decachlorobiphenyl

R.T.: 8.767 min
Delta R.T.: 0.002 min
Response: 39012021
Conc: 20.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 7.632 min
Delta R.T.: 0.003 min
Response: 43485301
Conc: 18.51 ng/ml