

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL073022\
 Data File : PL076779.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Jul 2022 17:53
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Ankita Jodhani 08/01/2022
 Supervised By :mohammad ahmed 08/01/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 30 05:20:11 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL072622.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 26 05:22:48 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...	3.436	2.641	21411249	58098293	20.747m	19.587
28)	SA Decachlor...	8.927	7.749	17538050	48570812	19.886	18.923
Target Compounds							
2)	A alpha-BHC	3.902	3.135	15007425	42145906	10.406	10.095
3)	MA gamma-BHC...	4.237	3.459	14914501	38592710	11.046	10.126
6)	B beta-BHC	4.449	3.758	6873364	16657573	11.518	9.824
12)	B 4,4'-DDE	6.094	5.077	146941	369977	0.150m	0.124m
14)	MA Endrin	6.482	5.470	51965172	123.6E6	54.097	49.235
16)	A 4,4'-DDD	6.621	5.626	5502844	16419906	6.601m	6.931
17)	MA 4,4'-DDT	6.933	5.876	89443034	224.2E6	98.426m	93.334
18)	B Endrin al...	6.839	5.946	1765899	4088605	2.422m	2.170
20)	A Methoxychlor	7.415	6.454	121.9E6	288.7E6	240.919	220.708
21)	B Endrin ke...	7.561	6.667	4705778	9359021	4.602m	3.448m#

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

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Sample : PEM
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ALS Vial : 3 Sample Multiplier: 1

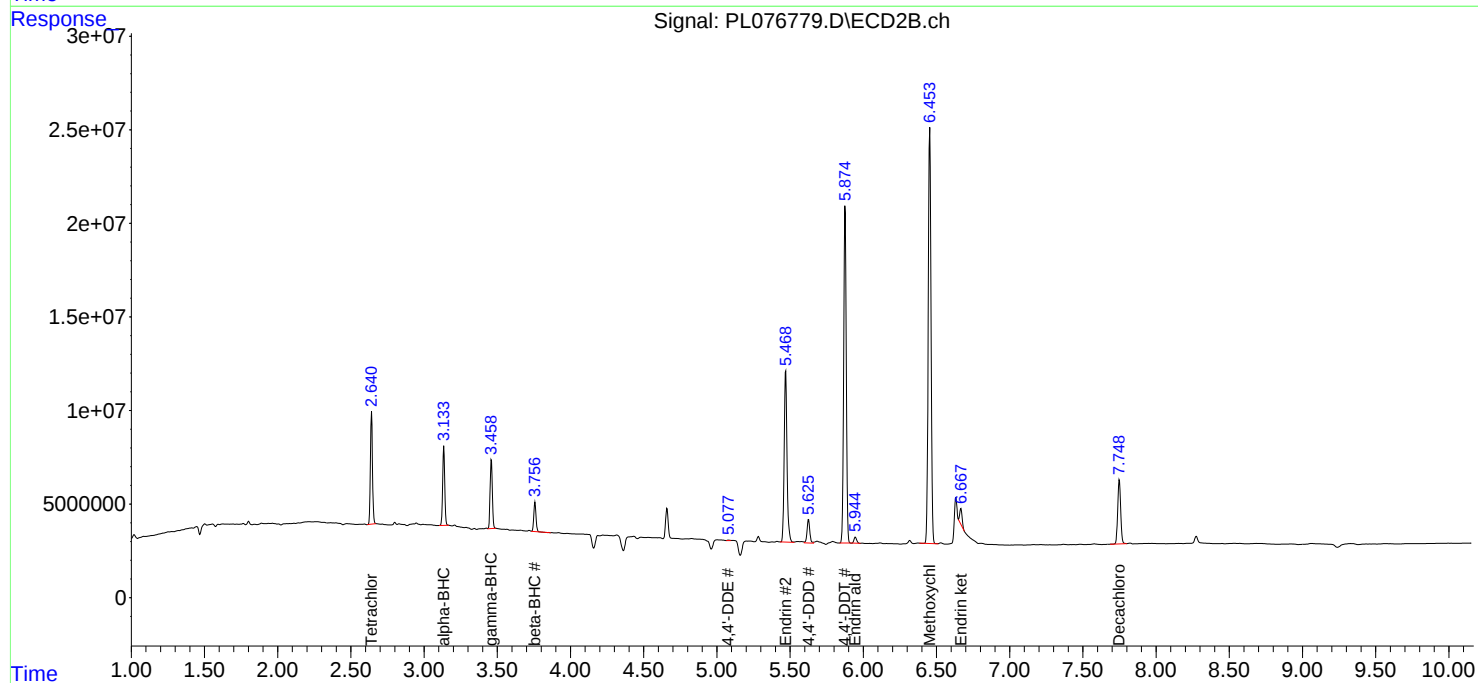
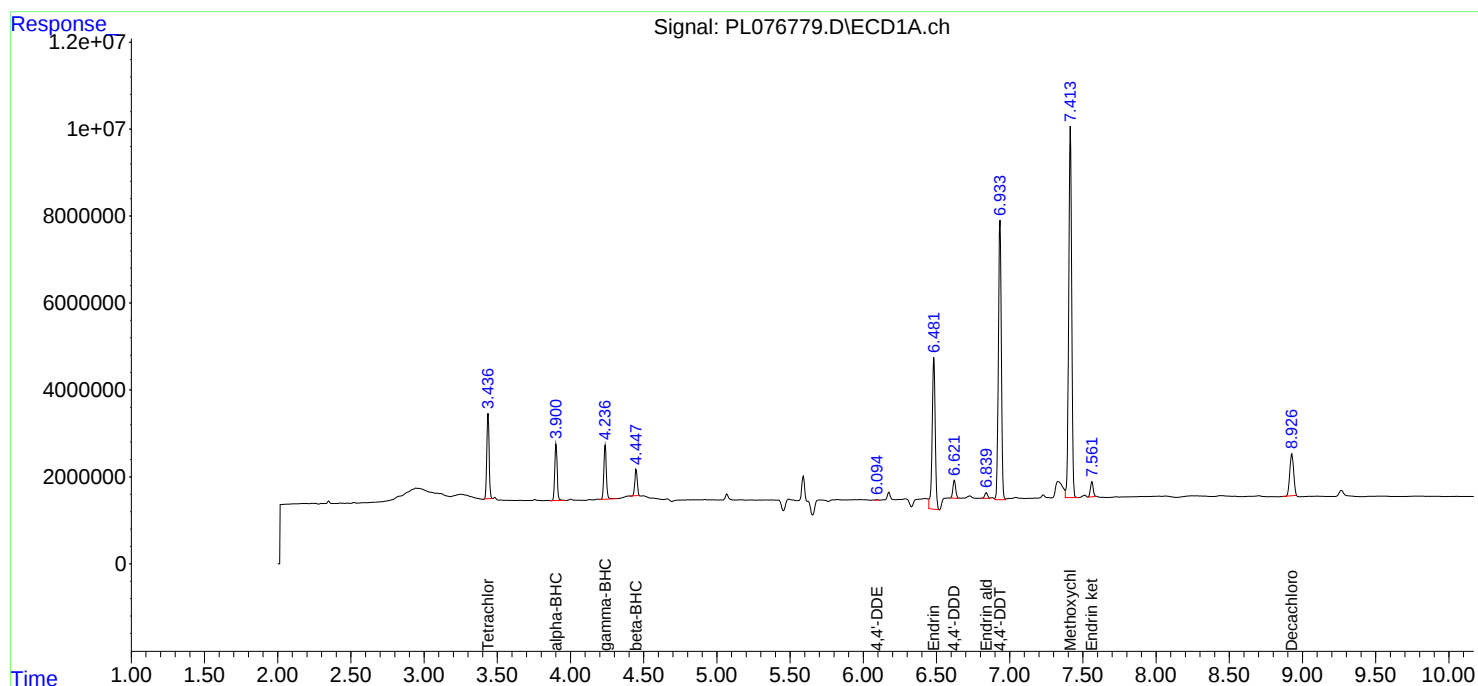
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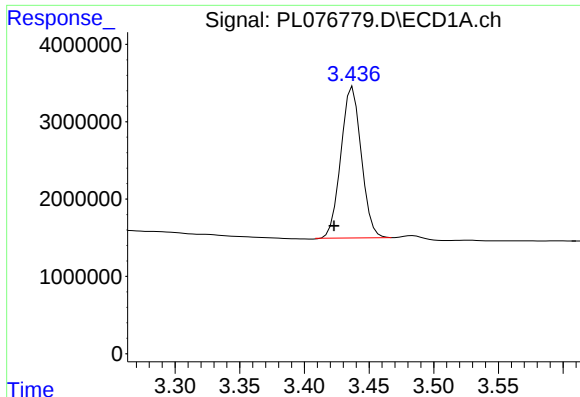
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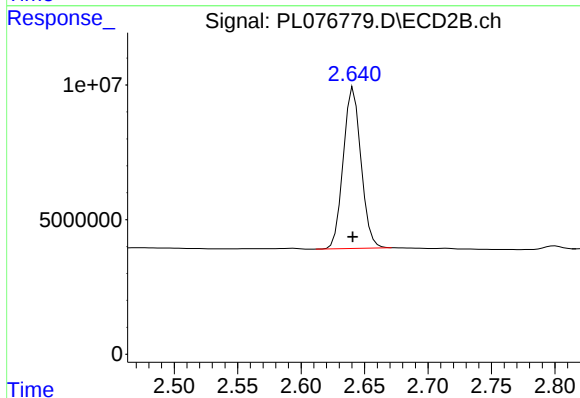
#1 Tetrachloro-m-xylene

R.T.: 3.436 min
Delta R.T.: 0.013 min
Response: 21411249
Conc: 20.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

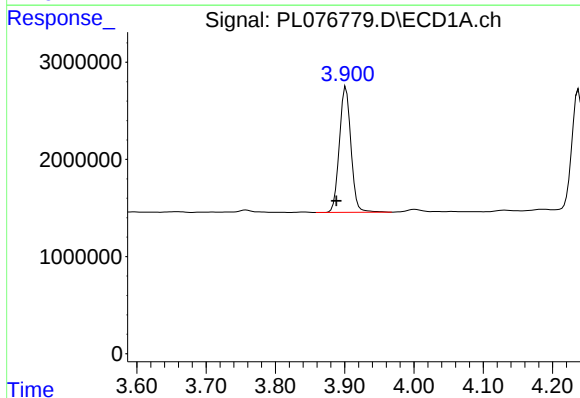
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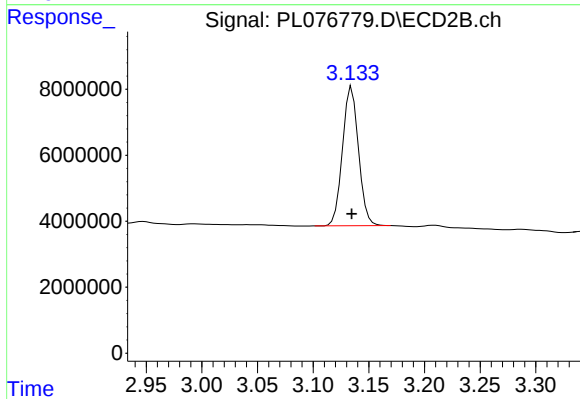
#1 Tetrachloro-m-xylene

R.T.: 2.641 min
Delta R.T.: 0.000 min
Response: 58098293
Conc: 19.59 ng/ml



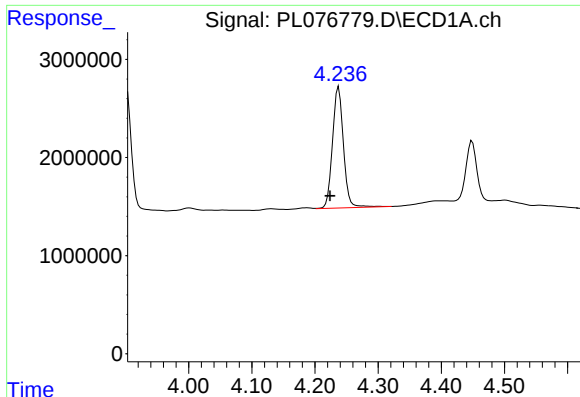
#2 alpha-BHC

R.T.: 3.902 min
Delta R.T.: 0.014 min
Response: 15007425
Conc: 10.41 ng/ml



#2 alpha-BHC

R.T.: 3.135 min
Delta R.T.: 0.000 min
Response: 42145906
Conc: 10.09 ng/ml



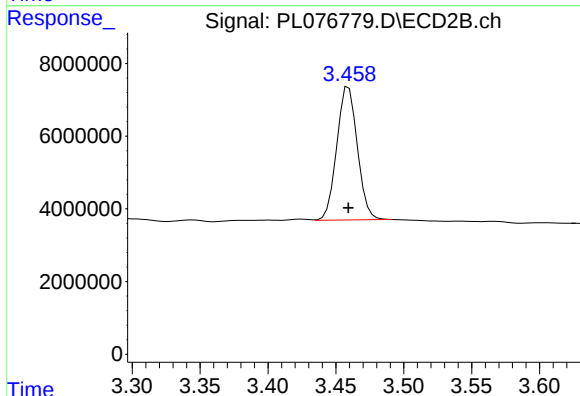
#3 gamma-BHC (Lindane)

R.T.: 4.237 min
Delta R.T.: 0.013 min
Response: 14914501
Conc: 11.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

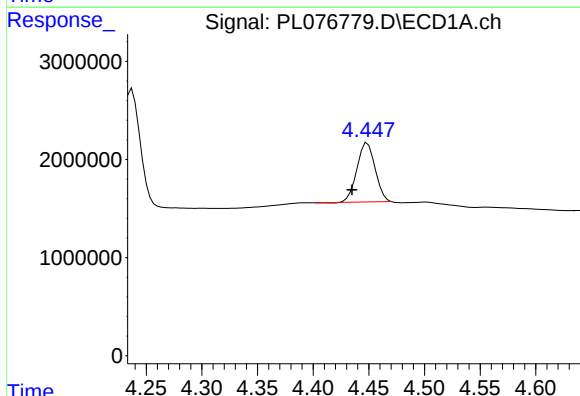
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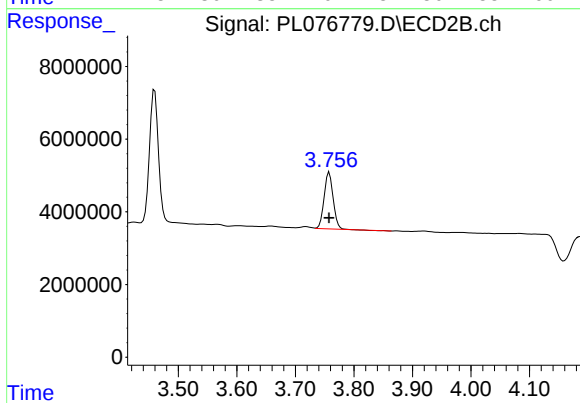
#3 gamma-BHC (Lindane)

R.T.: 3.459 min
Delta R.T.: 0.000 min
Response: 38592710
Conc: 10.13 ng/ml



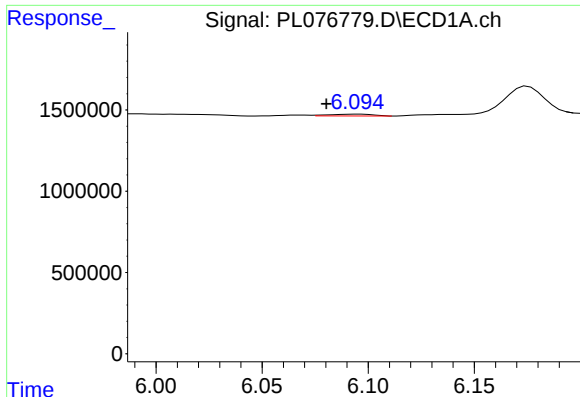
#6 beta-BHC

R.T.: 4.449 min
Delta R.T.: 0.014 min
Response: 6873364
Conc: 11.52 ng/ml



#6 beta-BHC

R.T.: 3.758 min
Delta R.T.: 0.000 min
Response: 16657573
Conc: 9.82 ng/ml



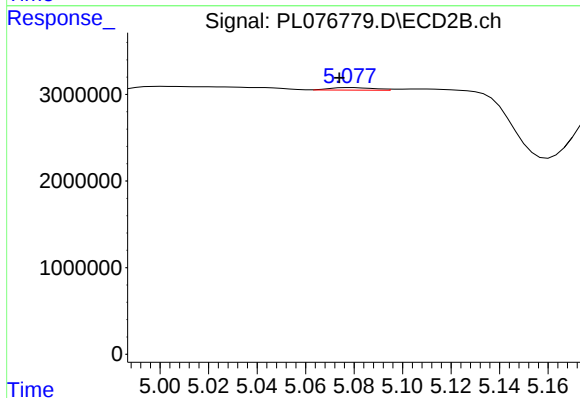
#12 4,4'-DDE

R.T.: 6.094 min
Delta R.T.: 0.013 min
Response: 146941
Conc: 0.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

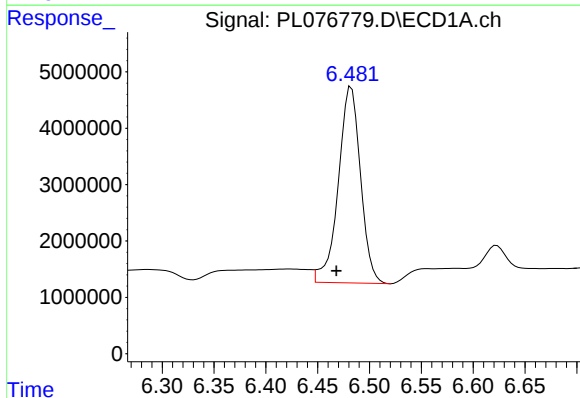
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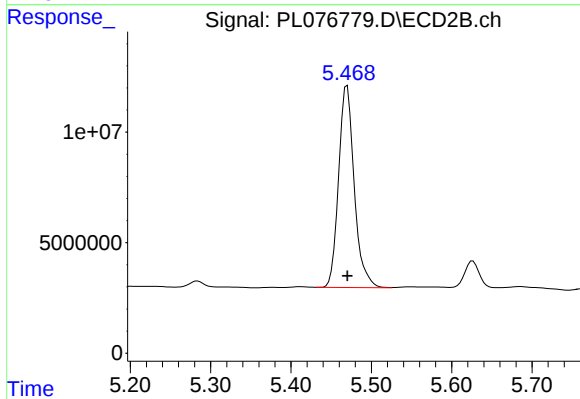
#12 4,4'-DDE

R.T.: 5.077 min
Delta R.T.: 0.003 min
Response: 369977
Conc: 0.12 ng/ml m



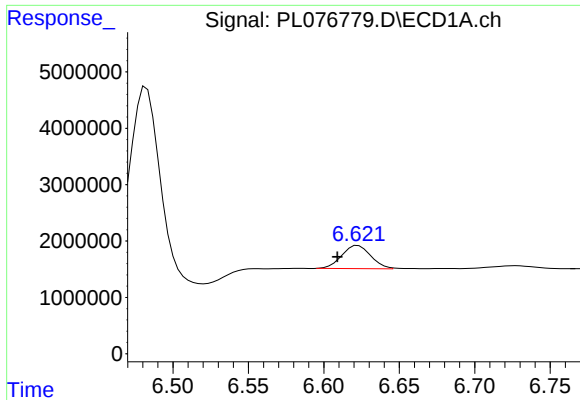
#14 Endrin

R.T.: 6.482 min
Delta R.T.: 0.014 min
Response: 51965172
Conc: 54.10 ng/ml



#14 Endrin

R.T.: 5.470 min
Delta R.T.: 0.000 min
Response: 123603996
Conc: 49.24 ng/ml



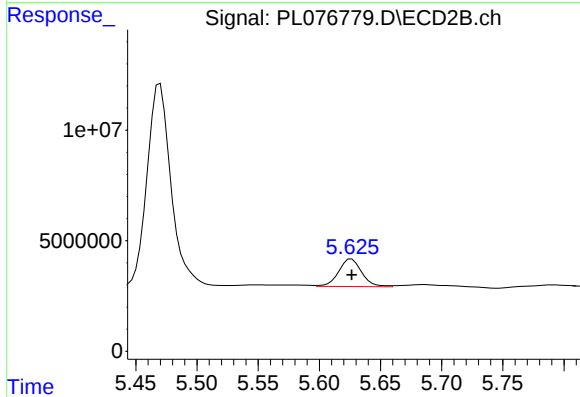
#16 4,4'-DDD

R.T.: 6.621 min
Delta R.T.: 0.012 min
Response: 5502844
Conc: 6.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

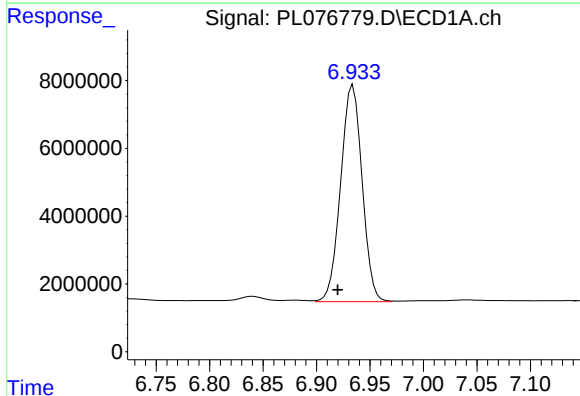
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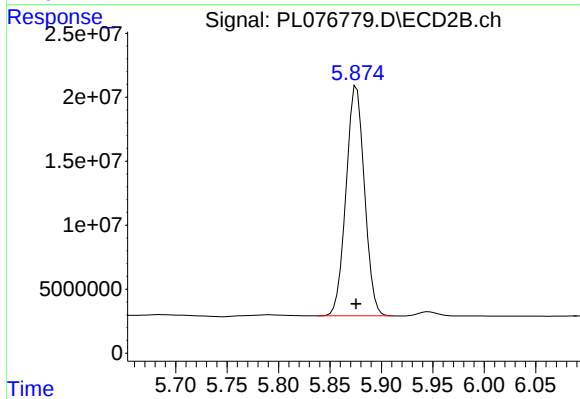
#16 4,4'-DDD

R.T.: 5.626 min
Delta R.T.: 0.000 min
Response: 16419906
Conc: 6.93 ng/ml



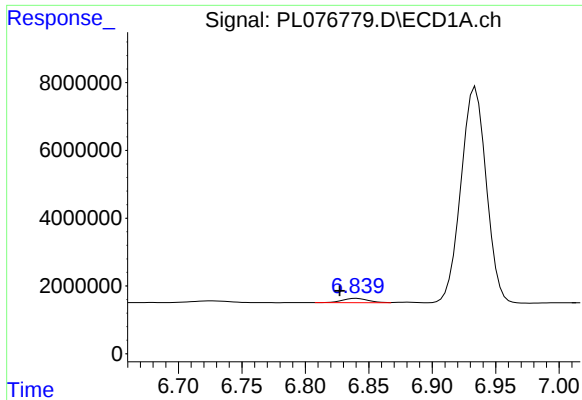
#17 4,4'-DDT

R.T.: 6.933 min
Delta R.T.: 0.013 min
Response: 89443034
Conc: 98.43 ng/ml m



#17 4,4'-DDT

R.T.: 5.876 min
Delta R.T.: 0.000 min
Response: 224245127
Conc: 93.33 ng/ml



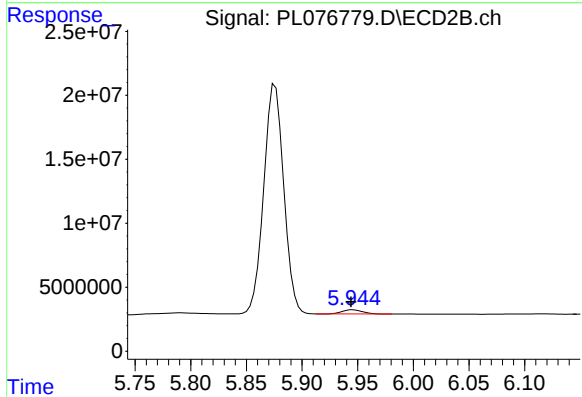
#18 Endrin aldehyde

R.T.: 6.839 min
Delta R.T.: 0.012 min
Response: 1765899
Conc: 2.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

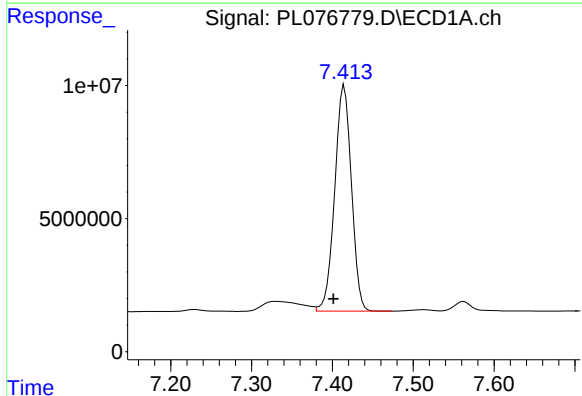
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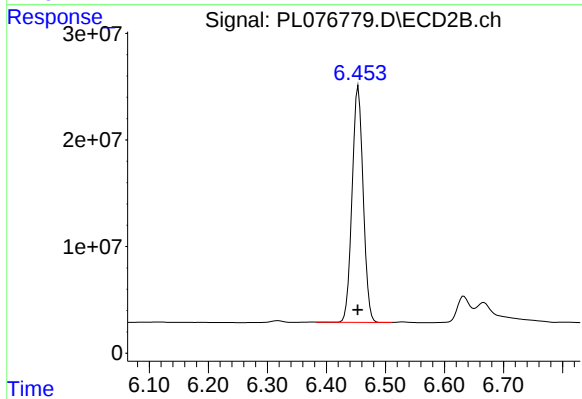
#18 Endrin aldehyde

R.T.: 5.946 min
Delta R.T.: 0.002 min
Response: 4088605
Conc: 2.17 ng/ml



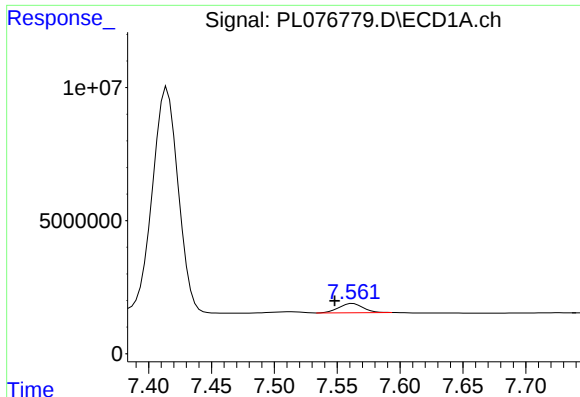
#20 Methoxychlor

R.T.: 7.415 min
Delta R.T.: 0.014 min
Response: 121910434
Conc: 240.92 ng/ml



#20 Methoxychlor

R.T.: 6.454 min
Delta R.T.: 0.000 min
Response: 288665077
Conc: 220.71 ng/ml



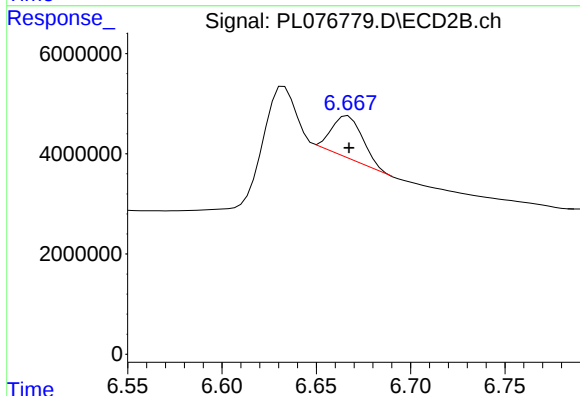
#21 Endrin ketone

R.T.: 7.561 min
Delta R.T.: 0.013 min
Response: 4705778
Conc: 4.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

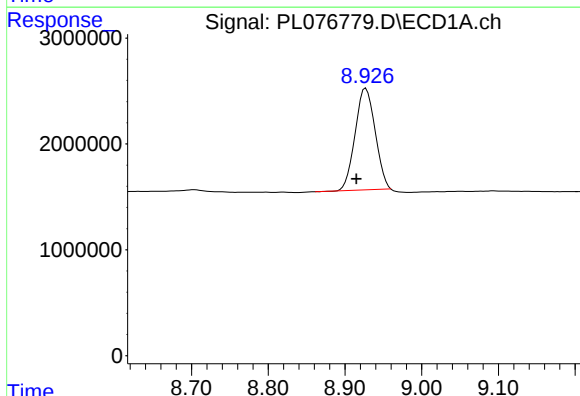
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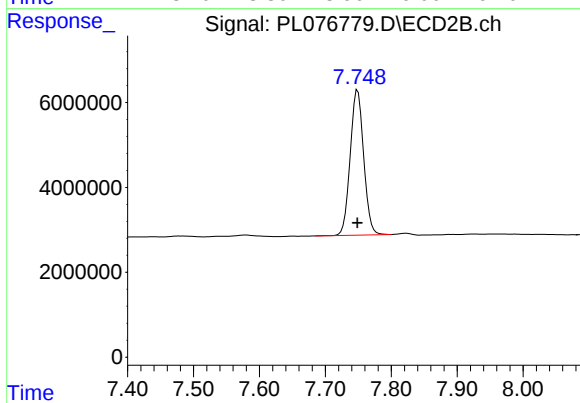
#21 Endrin ketone

R.T.: 6.667 min
Delta R.T.: 0.000 min
Response: 9359021
Conc: 3.45 ng/ml m



#28 Decachlorobiphenyl

R.T.: 8.927 min
Delta R.T.: 0.012 min
Response: 17538050
Conc: 19.89 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.749 min
Delta R.T.: 0.000 min
Response: 48570812
Conc: 18.92 ng/ml