

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092822\
 Data File : PL077950.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Sep 2022 09:43
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 09/29/2022
 Supervised By : Ankita Jodhani 09/29/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 29 01:40:38 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL091222.M
 Quant Title : GC Extractables
 QLast Update : Tue Sep 13 13:26:11 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...	3.422	2.625	36566693	61049273	22.812	20.564
28)	SA Decachlor...	8.914	7.727	30838542	48070239	23.861	19.150
Target Compounds							
2)	A alpha-BHC	3.887	3.118	25076242	46500838	10.567	10.253
3)	MA gamma-BHC...	4.223	3.442	24146960	41626239	10.914	10.308
6)	B beta-BHC	4.437	3.743	11496528	19368484	11.829	11.634
12)	B 4,4'-DDE	6.080	5.054	159706	430821	0.100m	0.132 #
14)	MA Endrin	6.469	5.450	72351876	139.0E6	52.315	48.748
16)	A 4,4'-DDD	6.609	5.607	3511707	5683166	2.999	2.194m#
17)	MA 4,4'-DDT	6.921	5.856	149.2E6	264.7E6	117.728	100.458
18)	B Endrin al...	6.828	5.928	1511835	3778892	1.430	1.831 #
20)	A Methoxychlor	7.402	6.434	187.2E6	312.9E6	283.449	228.455
21)	B Endrin ke...	7.549	6.648	4382732	12597331	3.172	4.160 #

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

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Acq On : 28 Sep 2022 09:43
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

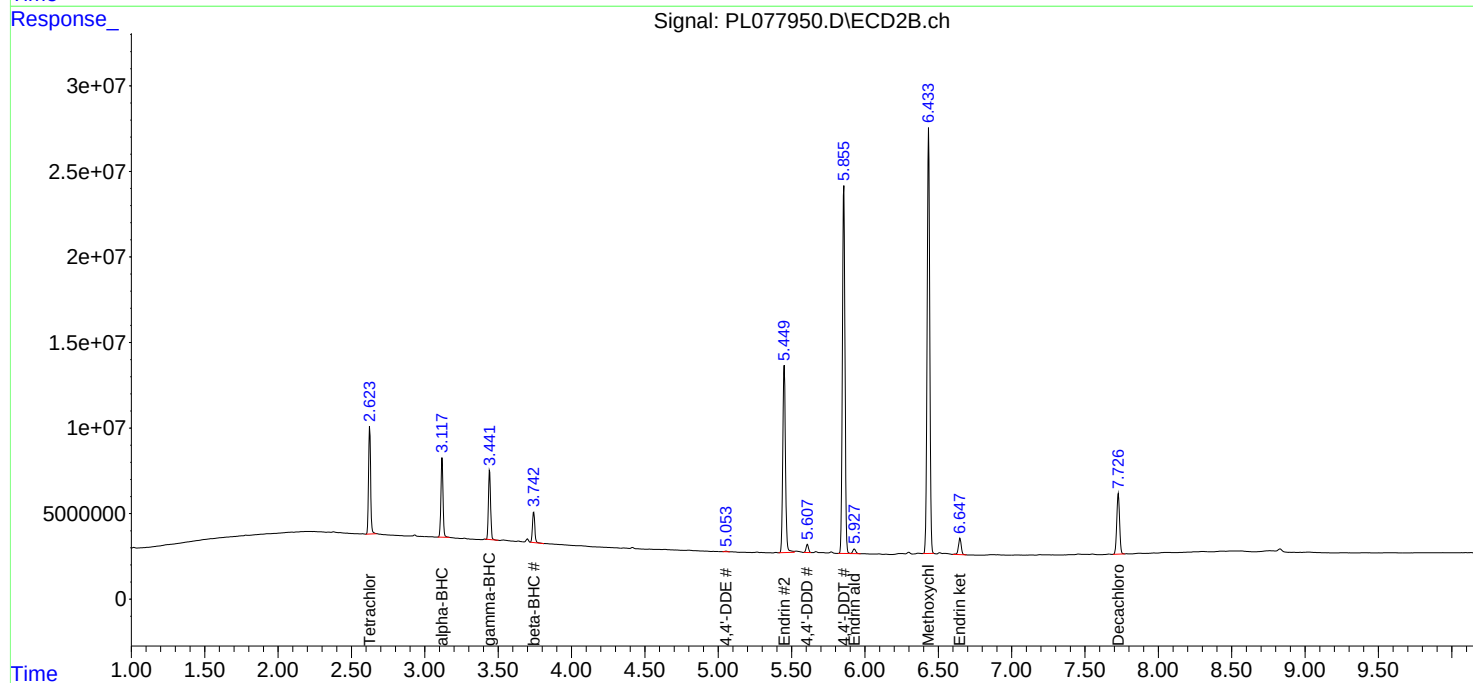
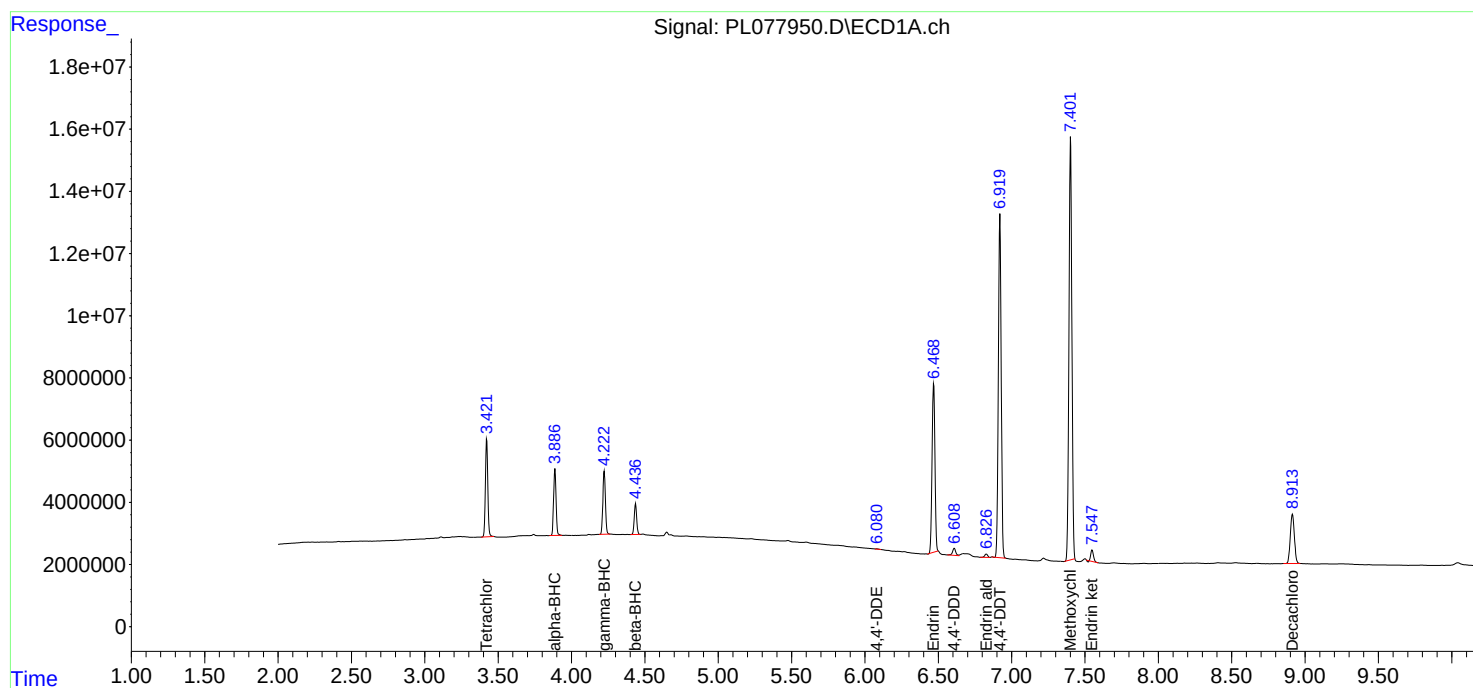
Instrument :
ECD_L
ClientSampleId :
PEM

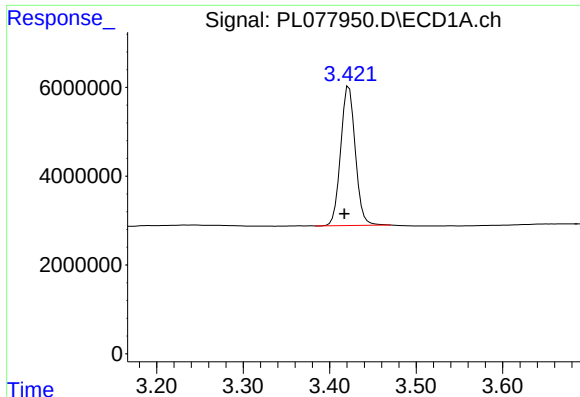
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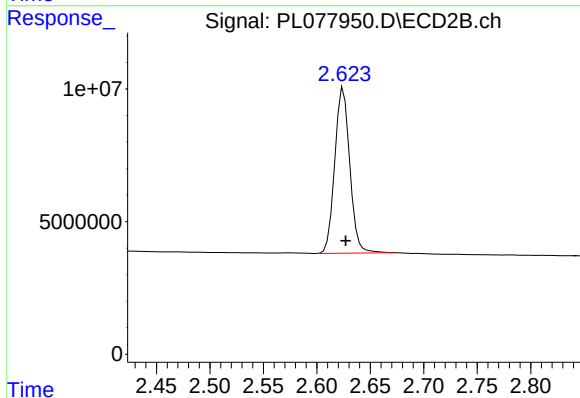
#1 Tetrachloro-m-xylene

R.T.: 3.422 min
Delta R.T.: 0.005 min
Response: 36566693
Conc: 22.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

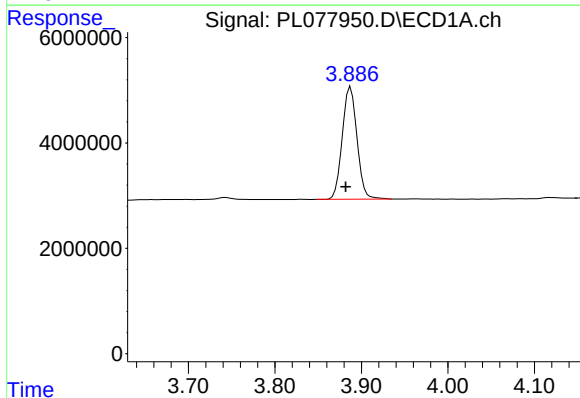
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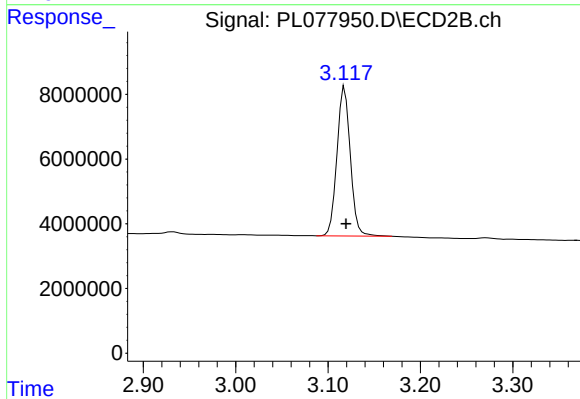
#1 Tetrachloro-m-xylene

R.T.: 2.625 min
Delta R.T.: -0.002 min
Response: 61049273
Conc: 20.56 ng/ml



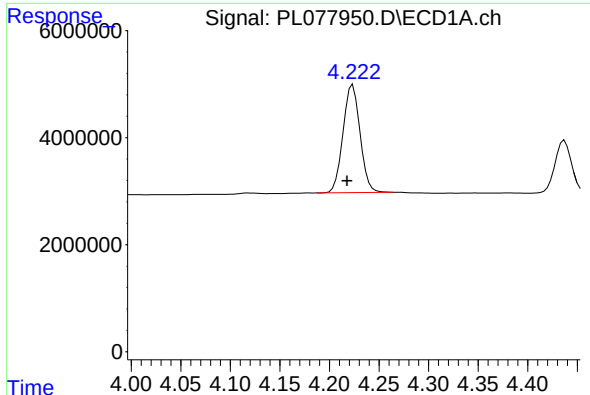
#2 alpha-BHC

R.T.: 3.887 min
Delta R.T.: 0.006 min
Response: 25076242
Conc: 10.57 ng/ml



#2 alpha-BHC

R.T.: 3.118 min
Delta R.T.: -0.001 min
Response: 46500838
Conc: 10.25 ng/ml



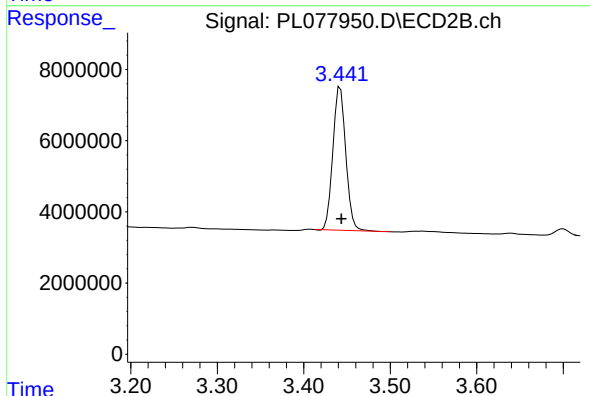
#3 gamma-BHC (Lindane)

R.T.: 4.223 min
Delta R.T.: 0.006 min
Response: 24146960
Conc: 10.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

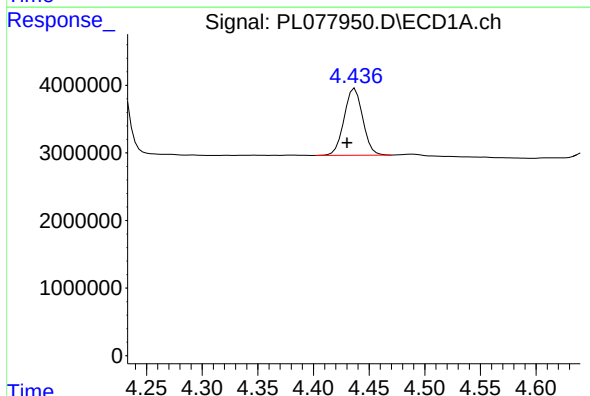
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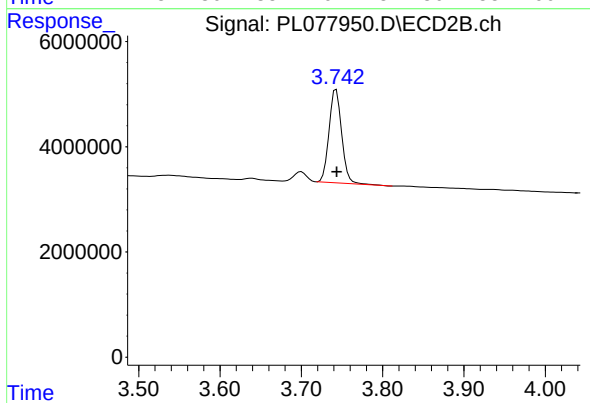
#3 gamma-BHC (Lindane)

R.T.: 3.442 min
Delta R.T.: -0.001 min
Response: 41626239
Conc: 10.31 ng/ml



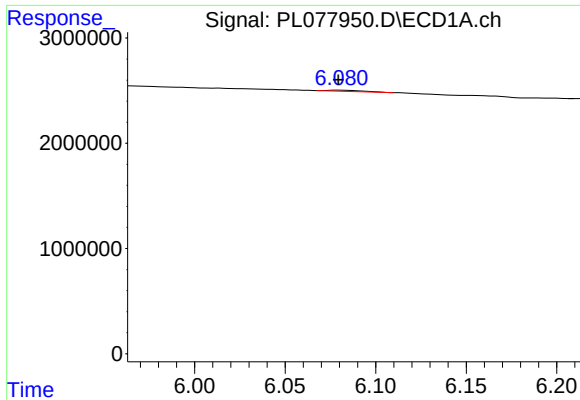
#6 beta-BHC

R.T.: 4.437 min
Delta R.T.: 0.007 min
Response: 11496528
Conc: 11.83 ng/ml



#6 beta-BHC

R.T.: 3.743 min
Delta R.T.: 0.000 min
Response: 19368484
Conc: 11.63 ng/ml



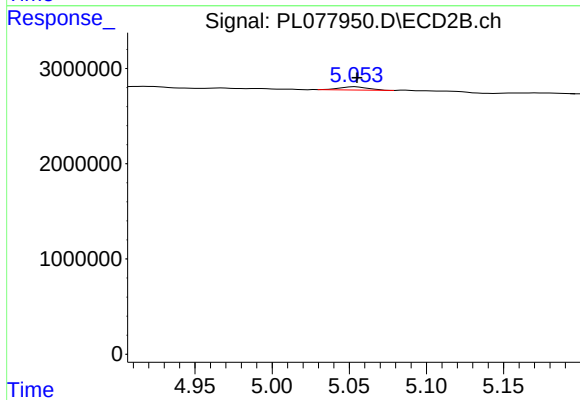
#12 4,4'-DDE

R.T.: 6.080 min
Delta R.T.: 0.000 min
Response: 159706
Conc: 0.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

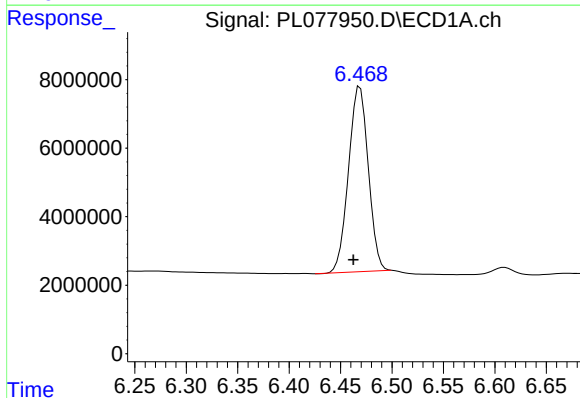
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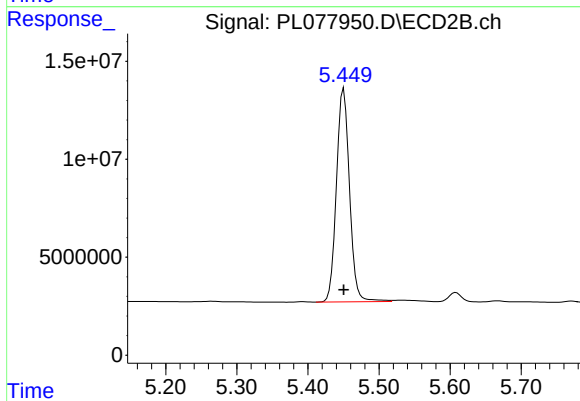
#12 4,4'-DDE

R.T.: 5.054 min
Delta R.T.: -0.001 min
Response: 430821
Conc: 0.13 ng/ml



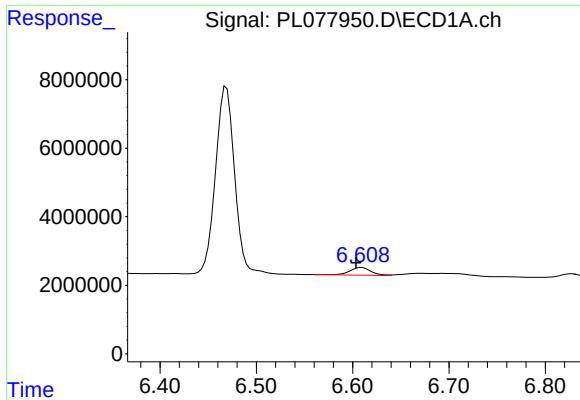
#14 Endrin

R.T.: 6.469 min
Delta R.T.: 0.006 min
Response: 72351876
Conc: 52.32 ng/ml



#14 Endrin

R.T.: 5.450 min
Delta R.T.: 0.000 min
Response: 139004916
Conc: 48.75 ng/ml



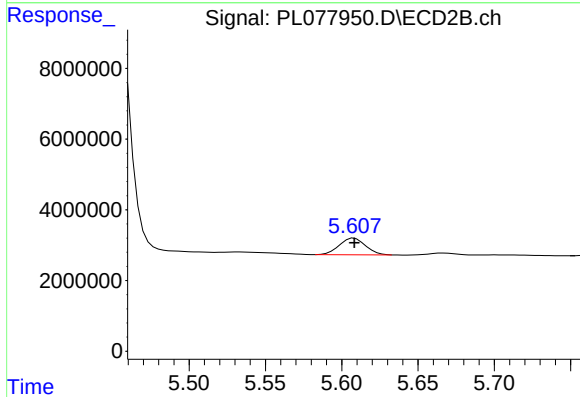
#16 4,4'-DDD

R.T.: 6.609 min
Delta R.T.: 0.006 min
Response: 3511707
Conc: 3.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

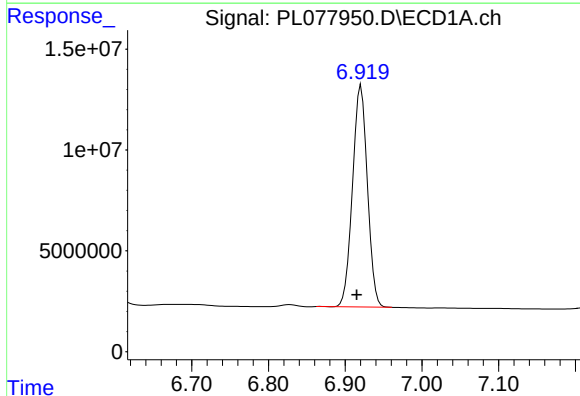
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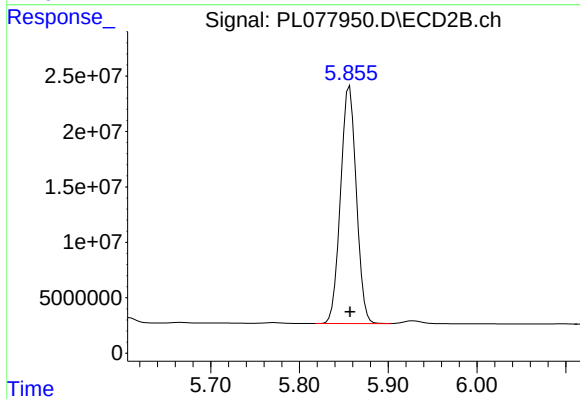
#16 4,4'-DDD

R.T.: 5.607 min
Delta R.T.: -0.002 min
Response: 5683166
Conc: 2.19 ng/ml m



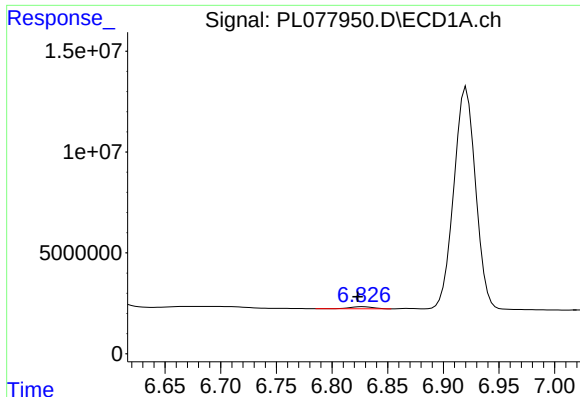
#17 4,4'-DDT

R.T.: 6.921 min
Delta R.T.: 0.006 min
Response: 149176614
Conc: 117.73 ng/ml



#17 4,4'-DDT

R.T.: 5.856 min
Delta R.T.: 0.000 min
Response: 264685373
Conc: 100.46 ng/ml



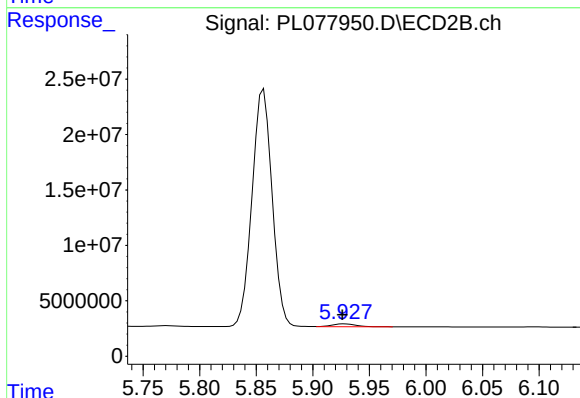
#18 Endrin aldehyde

R.T.: 6.828 min
Delta R.T.: 0.005 min
Response: 1511835
Conc: 1.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

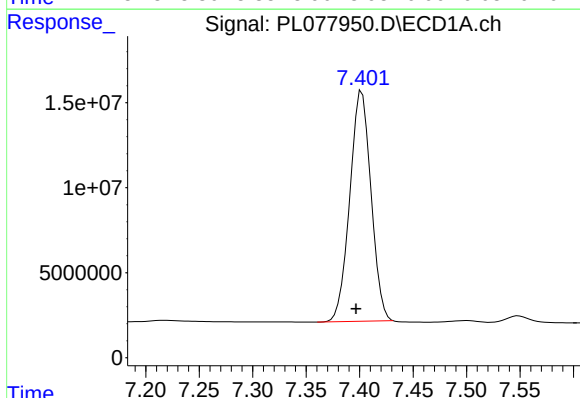
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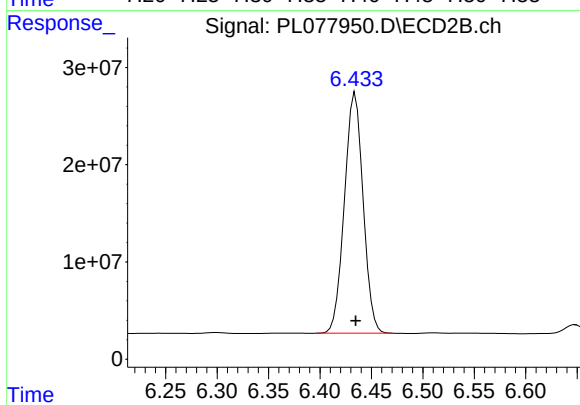
#18 Endrin aldehyde

R.T.: 5.928 min
Delta R.T.: 0.002 min
Response: 3778892
Conc: 1.83 ng/ml



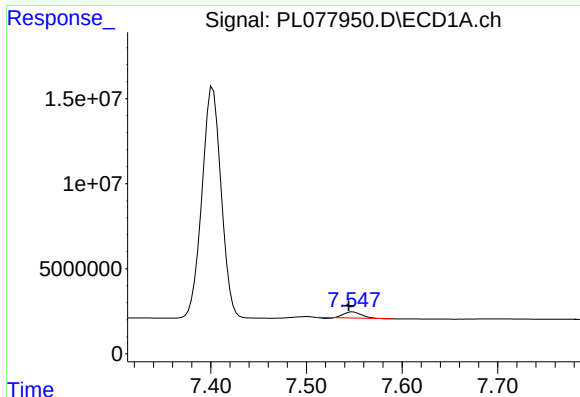
#20 Methoxychlor

R.T.: 7.402 min
Delta R.T.: 0.006 min
Response: 187203908
Conc: 283.45 ng/ml



#20 Methoxychlor

R.T.: 6.434 min
Delta R.T.: 0.000 min
Response: 312851862
Conc: 228.45 ng/ml



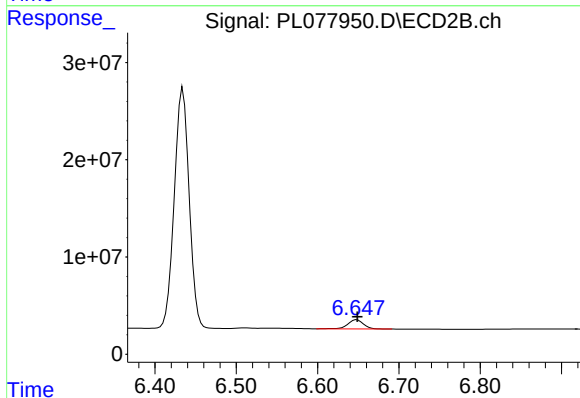
#21 Endrin ketone

R.T.: 7.549 min
Delta R.T.: 0.004 min
Response: 4382732
Conc: 3.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

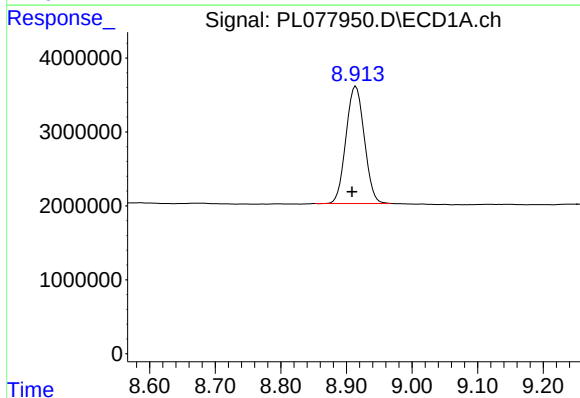
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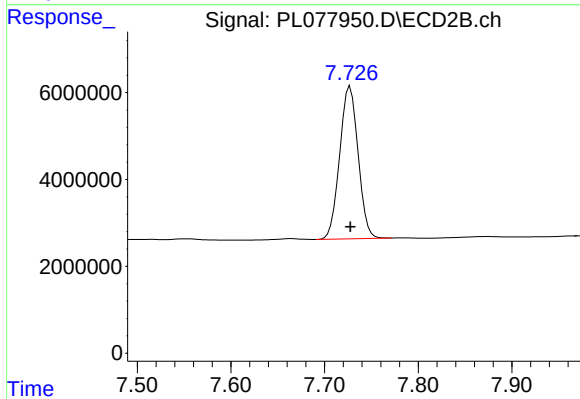
#21 Endrin ketone

R.T.: 6.648 min
Delta R.T.: 0.000 min
Response: 12597331
Conc: 4.16 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.914 min
Delta R.T.: 0.006 min
Response: 30838542
Conc: 23.86 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.727 min
Delta R.T.: 0.000 min
Response: 48070239
Conc: 19.15 ng/ml