

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL090922\
 Data File : PL077642.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Sep 2022 02:20
 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 11 03:42:31 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...	3.416	2.627	34851951	62732487	20.384	23.707
28)	SA Decachlor...	8.902	7.723	28944547	47667974	19.298	24.172 #
Target Compounds							
2)	A alpha-BHC	3.881	3.119	23765426	47554146	9.260	11.875 #
3)	MA gamma-BHC...	4.216	3.443	23179856	42077348	9.687	13.460 #
6)	B beta-BHC	4.428	3.742	10597203	18192219	10.329	12.712
14)	MA Endrin	6.460	5.448	72622737	132.4E6	47.966	64.207 #
16)	A 4,4'-DDD	6.601	5.605	698809	1791288	0.529m	0.870m#
17)	MA 4,4'-DDT	6.912	5.854	145.0E6	266.6E6	91.443	124.885 #
18)	B Endrin al...	6.819	5.924	1557650	3557589	1.335	2.046 #
20)	A Methoxychlor	7.393	6.431	188.2E6	323.8E6	237.221	275.577
21)	B Endrin ke...	7.540	6.643	3129367	9471744	2.027	3.905m#

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

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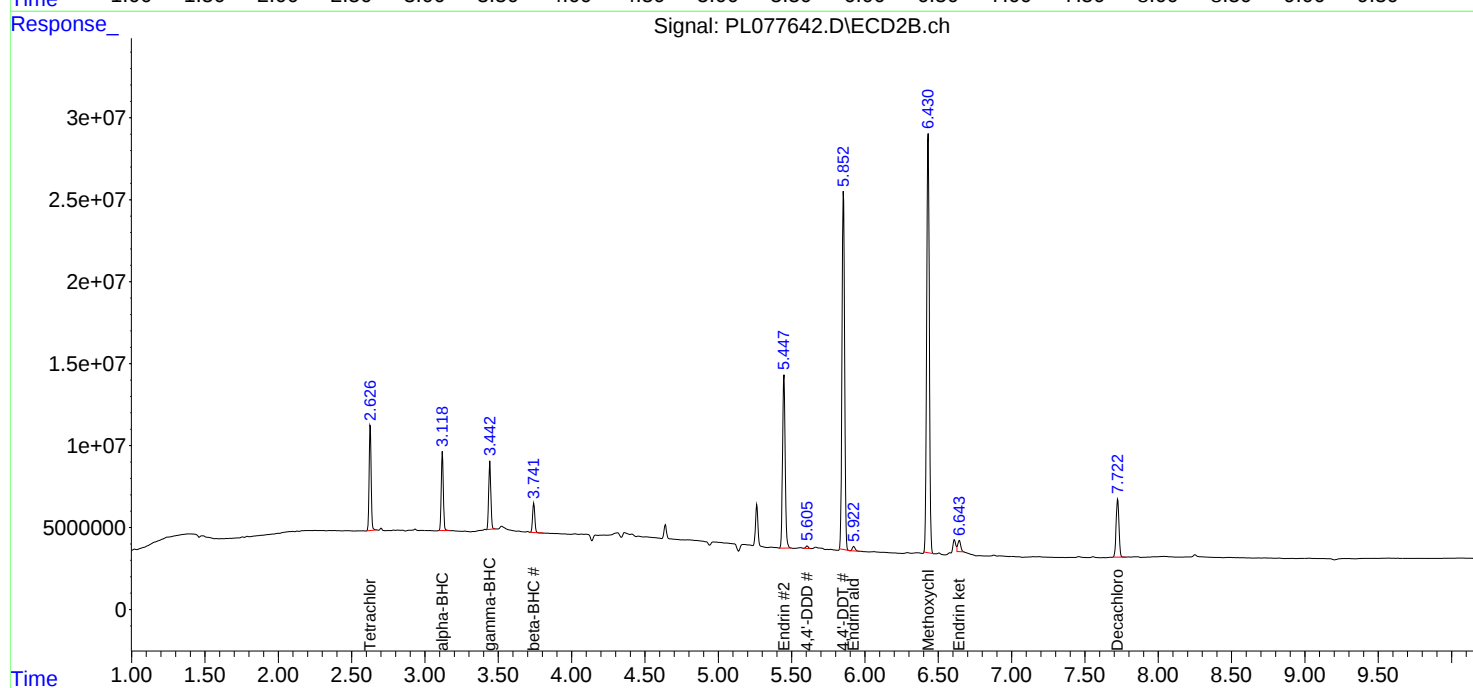
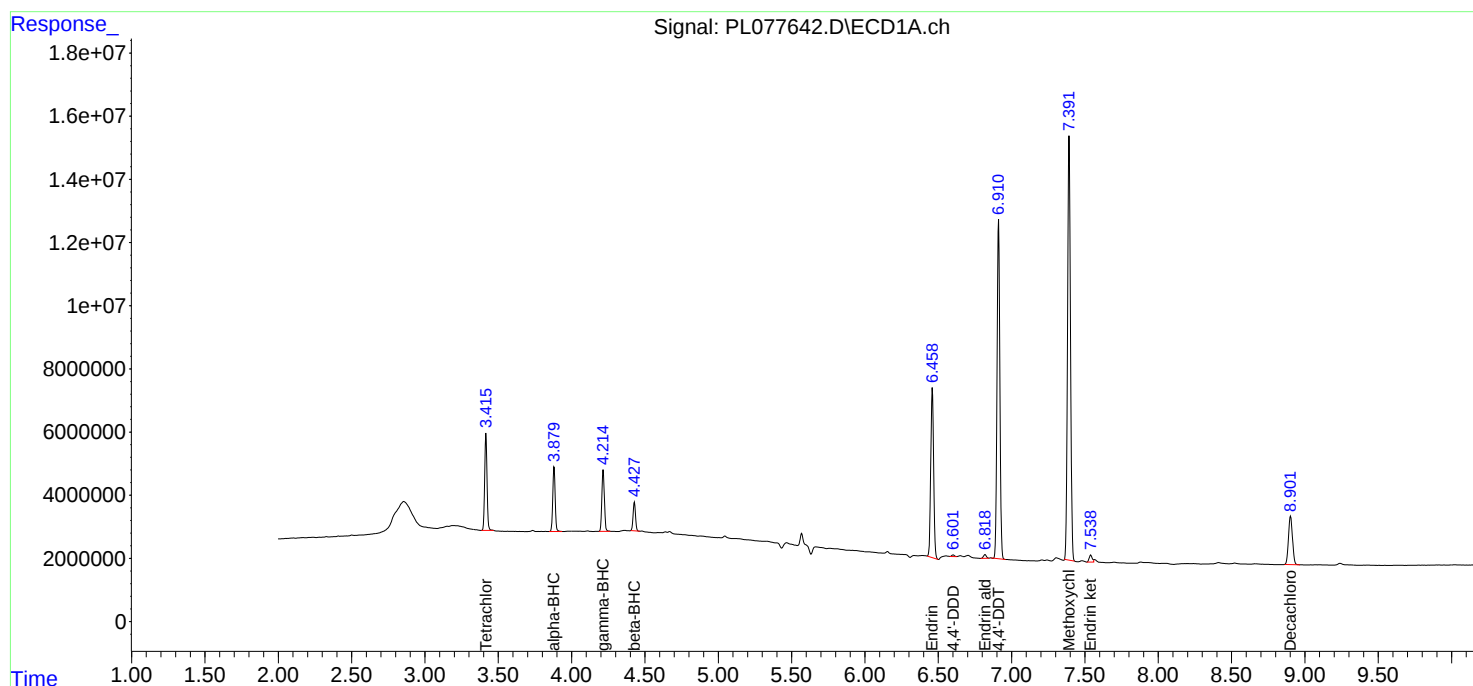
Instrument :
ECD_L
ClientSampleId :
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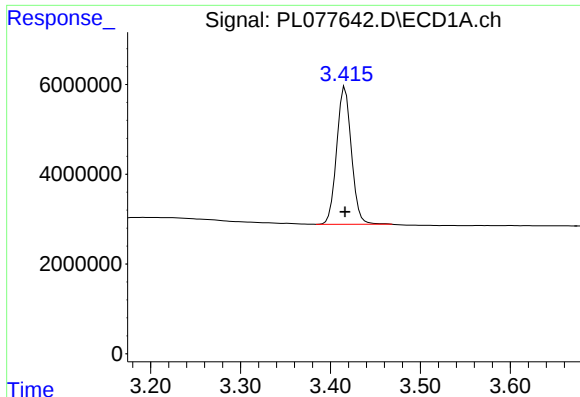
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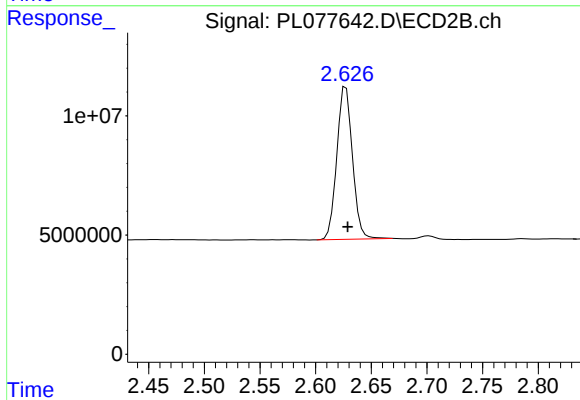
#1 Tetrachloro-m-xylene

R.T.: 3.416 min
Delta R.T.: 0.000 min
Response: 34851951
Conc: 20.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

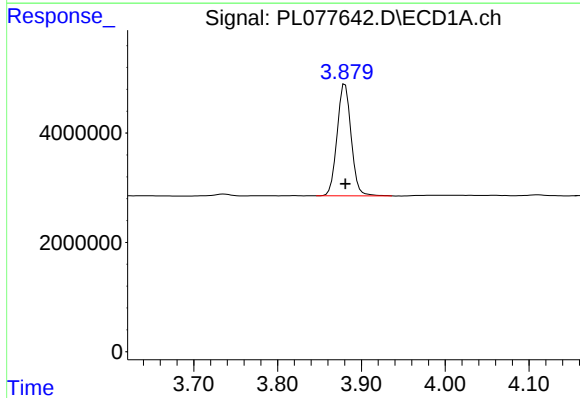
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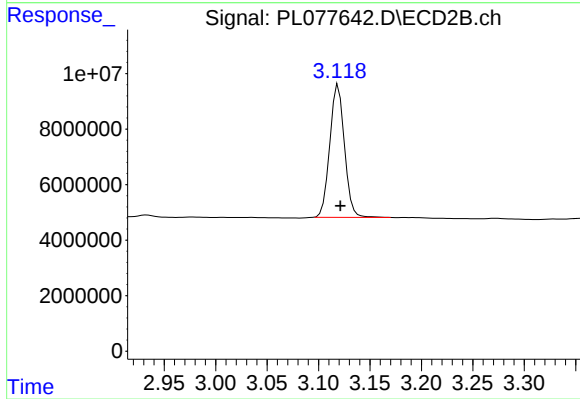
#1 Tetrachloro-m-xylene

R.T.: 2.627 min
Delta R.T.: -0.001 min
Response: 62732487
Conc: 23.71 ng/ml



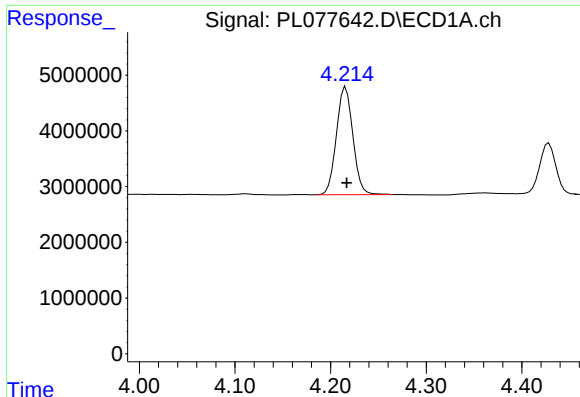
#2 alpha-BHC

R.T.: 3.881 min
Delta R.T.: 0.000 min
Response: 23765426
Conc: 9.26 ng/ml



#2 alpha-BHC

R.T.: 3.119 min
Delta R.T.: -0.002 min
Response: 47554146
Conc: 11.87 ng/ml



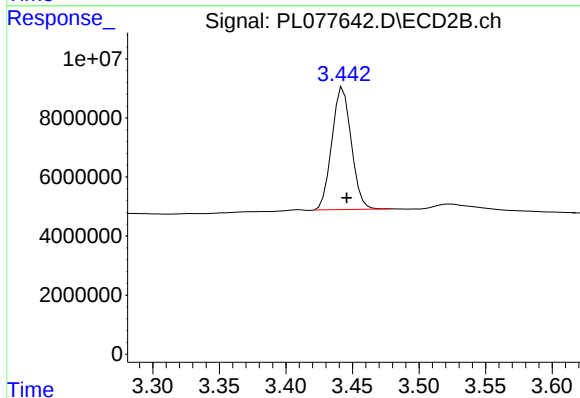
#3 gamma-BHC (Lindane)

R.T.: 4.216 min
Delta R.T.: -0.001 min
Response: 23179856
Conc: 9.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

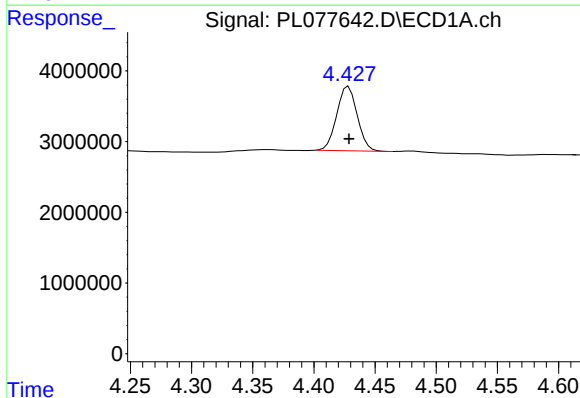
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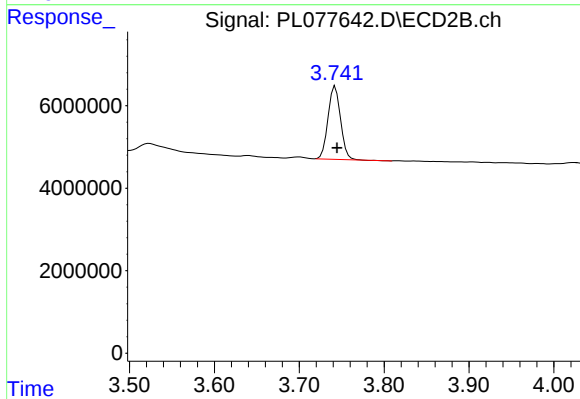
#3 gamma-BHC (Lindane)

R.T.: 3.443 min
Delta R.T.: -0.003 min
Response: 42077348
Conc: 13.46 ng/ml



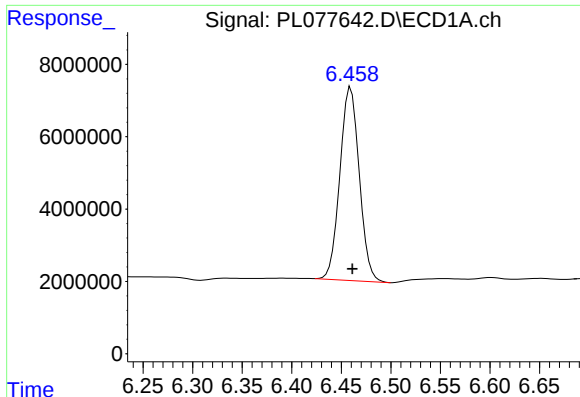
#6 beta-BHC

R.T.: 4.428 min
Delta R.T.: 0.000 min
Response: 10597203
Conc: 10.33 ng/ml



#6 beta-BHC

R.T.: 3.742 min
Delta R.T.: -0.002 min
Response: 18192219
Conc: 12.71 ng/ml



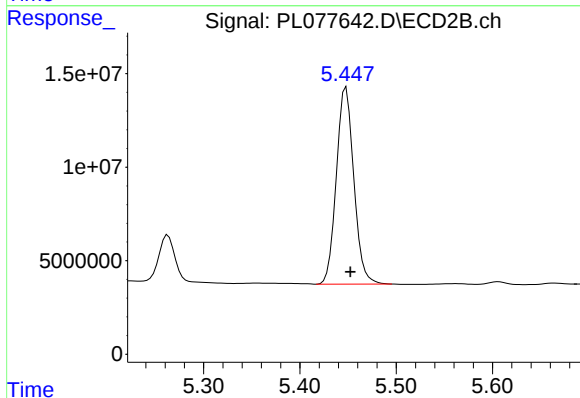
#14 Endrin

R.T.: 6.460 min
Delta R.T.: -0.001 min
Response: 72622737
Conc: 47.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

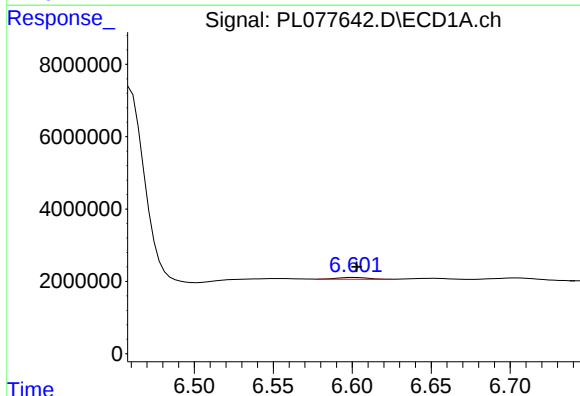
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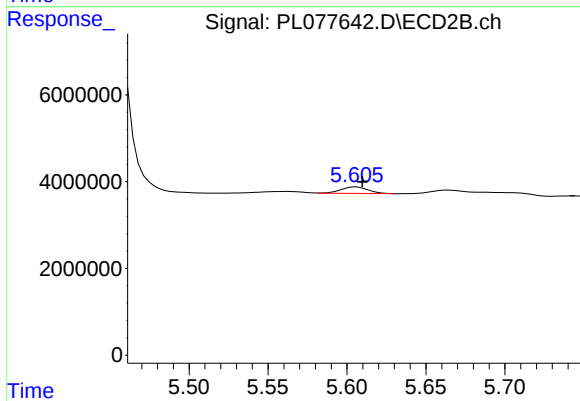
#14 Endrin

R.T.: 5.448 min
Delta R.T.: -0.005 min
Response: 132354537
Conc: 64.21 ng/ml



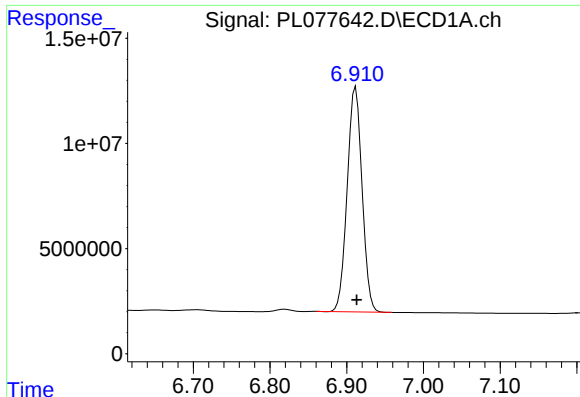
#16 4,4'-DDD

R.T.: 6.601 min
Delta R.T.: -0.002 min
Response: 698809
Conc: 0.53 ng/ml m



#16 4,4'-DDD

R.T.: 5.605 min
Delta R.T.: -0.005 min
Response: 1791288
Conc: 0.87 ng/ml m



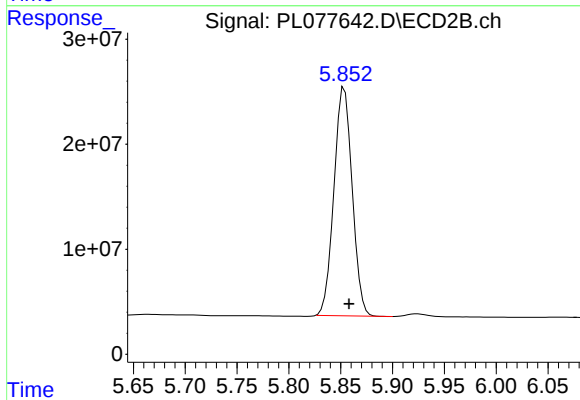
#17 4,4'-DDT

R.T.: 6.912 min
Delta R.T.: -0.001 min
Response: 144972195
Conc: 91.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

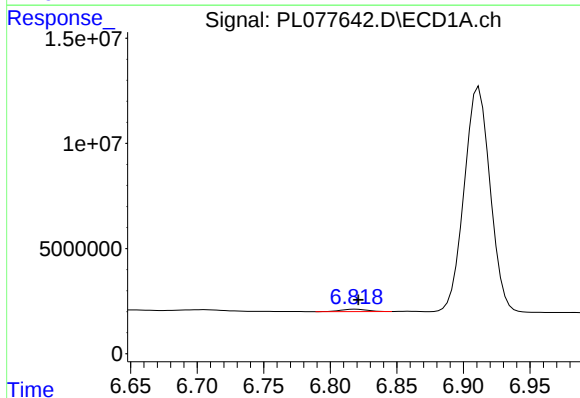
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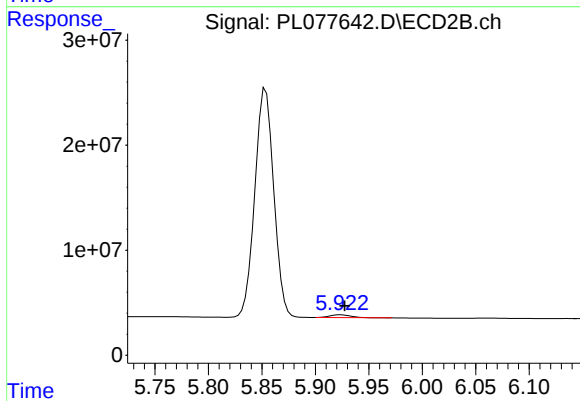
#17 4,4'-DDT

R.T.: 5.854 min
Delta R.T.: -0.004 min
Response: 266590934
Conc: 124.89 ng/ml



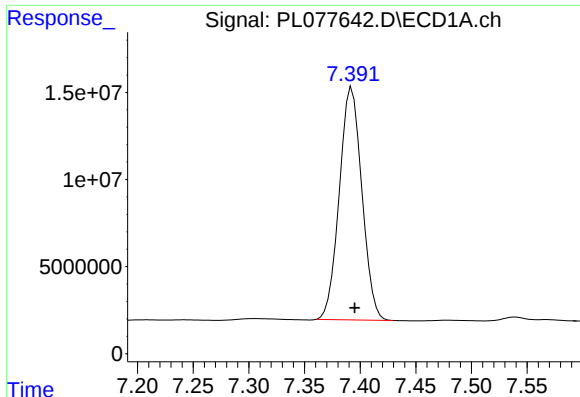
#18 Endrin aldehyde

R.T.: 6.819 min
Delta R.T.: -0.002 min
Response: 1557650
Conc: 1.34 ng/ml



#18 Endrin aldehyde

R.T.: 5.924 min
Delta R.T.: -0.004 min
Response: 3557589
Conc: 2.05 ng/ml



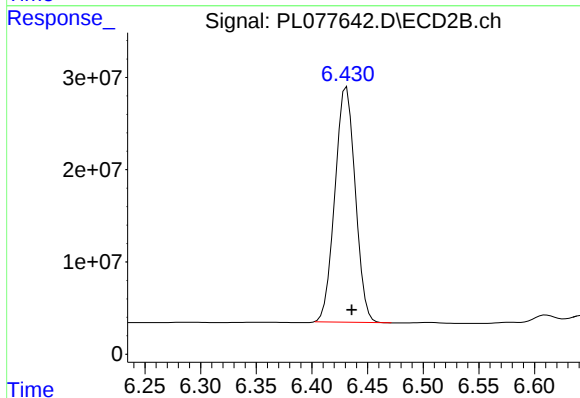
#20 Methoxychlor

R.T.: 7.393 min
Delta R.T.: -0.003 min
Response: 188167258
Conc: 237.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

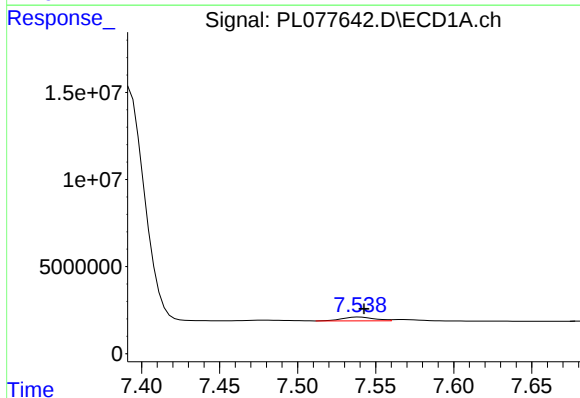
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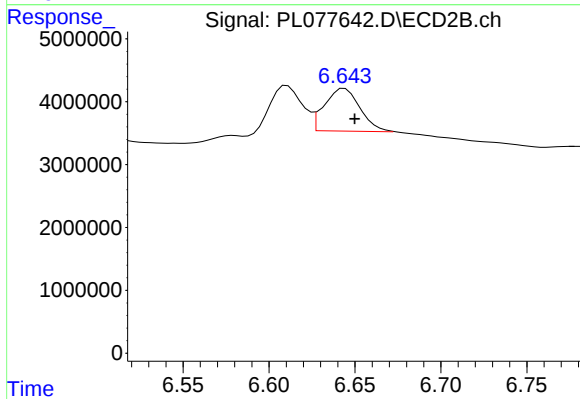
#20 Methoxychlor

R.T.: 6.431 min
Delta R.T.: -0.005 min
Response: 323824824
Conc: 275.58 ng/ml



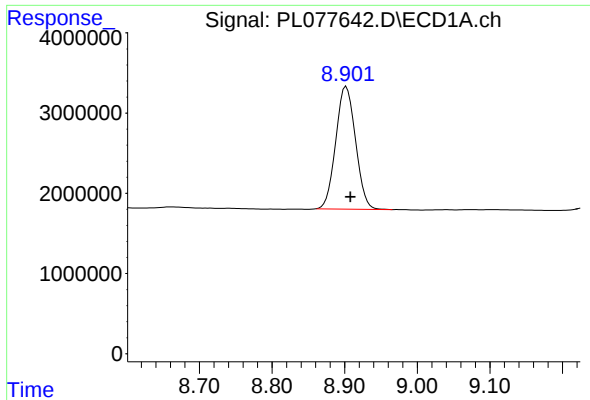
#21 Endrin ketone

R.T.: 7.540 min
Delta R.T.: -0.003 min
Response: 3129367
Conc: 2.03 ng/ml



#21 Endrin ketone

R.T.: 6.643 min
Delta R.T.: -0.007 min
Response: 9471744
Conc: 3.91 ng/ml m



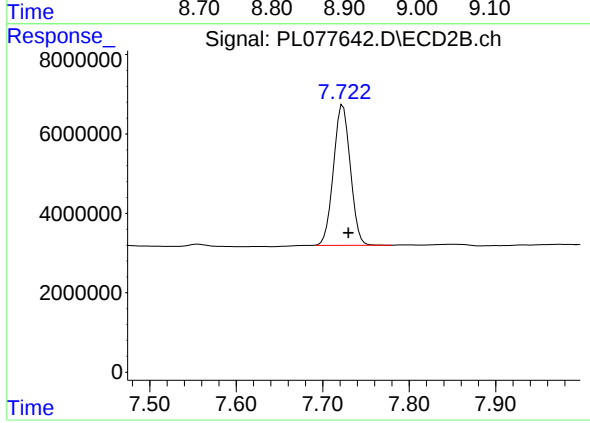
#28 Decachlorobiphenyl

R.T.: 8.902 min
Delta R.T.: -0.006 min
Response: 28944547
Conc: 19.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 7.723 min
Delta R.T.: -0.006 min
Response: 47667974
Conc: 24.17 ng/ml