

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL030221\
 Data File : PL065003.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Mar 2021 09:28
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 02 15:43:17 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL020821.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 09 04:41:29 2021
 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	4.098	55202778	46364768	19.621	21.463
28)	SA Decachlor...	8.142	9.254	48449966	41503762	21.545	21.851
Target Compounds							
2)	A alpha-BHC	3.855	4.499	40494362	28634831	8.732	9.454
3)	MA gamma-BHC...	4.135	4.792	36664416	26681205	8.480	9.393
6)	B beta-BHC	4.386	4.971	18983267	16798712	11.107	9.827
12)	B 4,4'-DDE	5.565	6.471	535088	340999	0.171m	0.168m
14)	MA Endrin	5.949	6.852	140.1E6	91077362	46.638	50.381
16)	A 4,4'-DDD	6.078	6.969	4947317	3341610	1.953	1.928m
17)	MA 4,4'-DDT	6.317	7.271	230.3E6	164.4E6	102.117	107.799
18)	B Endrin al...	6.389	7.191	1395377	770107	0.572	0.473m
20)	A Methoxychlor	6.863	7.732	300.7E6	234.1E6	232.223m	259.023
21)	B Endrin ke...	7.087	7.894	4916179	2695129	1.714	1.410m

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

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ALS Vial : 3 Sample Multiplier: 1

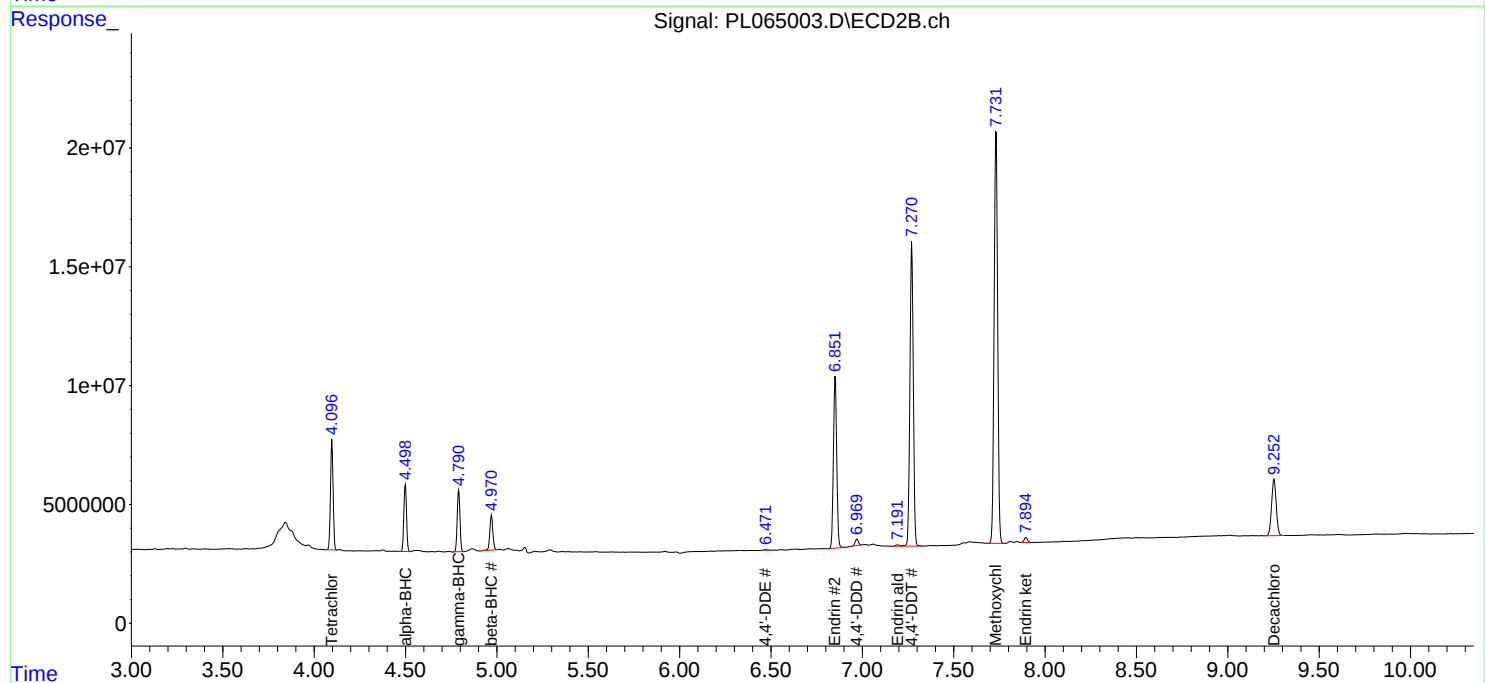
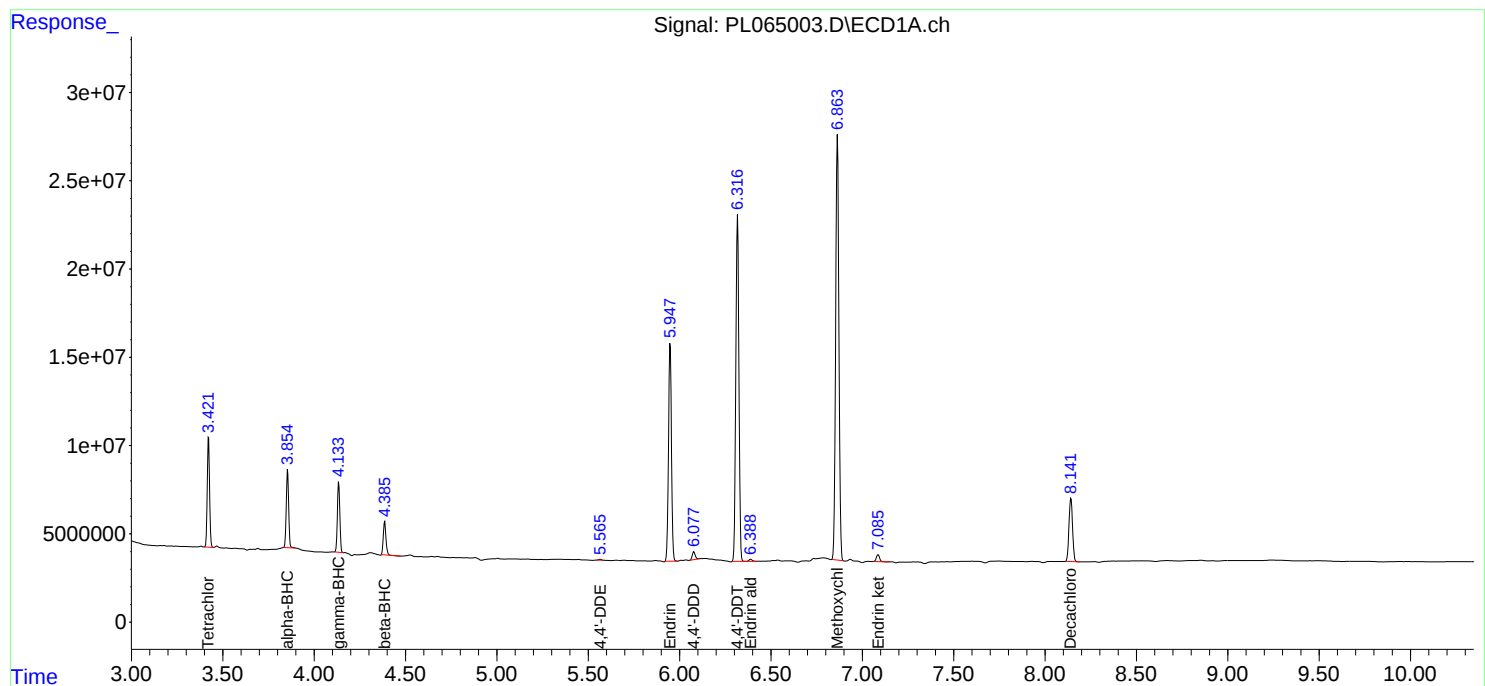
Instrument :
ECD_L
ClientSampled :
PEM

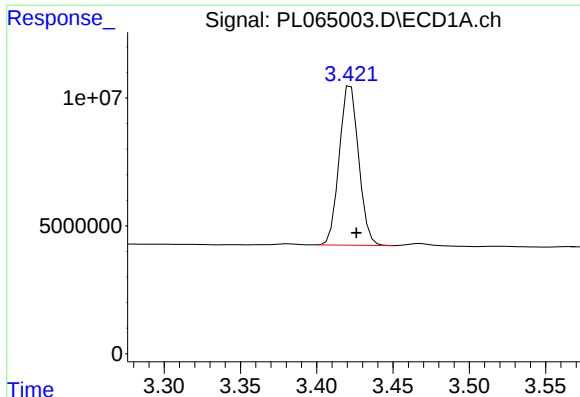
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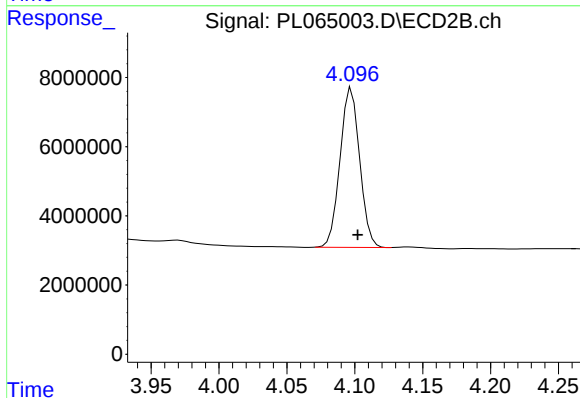
#1 Tetrachloro-m-xylene

R.T.: 3.422 min
Delta R.T.: -0.004 min
Response: 55202778
Conc: 19.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

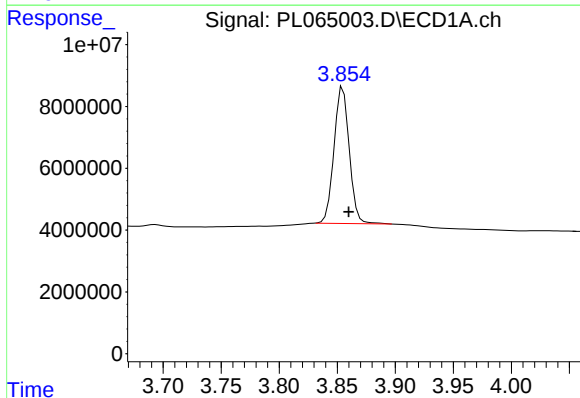
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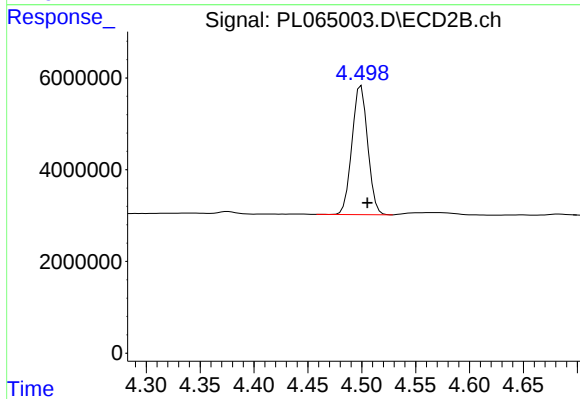
#1 Tetrachloro-m-xylene

R.T.: 4.098 min
Delta R.T.: -0.004 min
Response: 46364768
Conc: 21.46 ng/ml



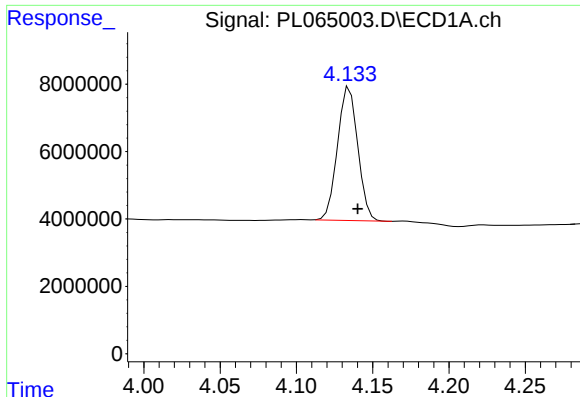
#2 alpha-BHC

R.T.: 3.855 min
Delta R.T.: -0.005 min
Response: 40494362
Conc: 8.73 ng/ml



#2 alpha-BHC

R.T.: 4.499 min
Delta R.T.: -0.006 min
Response: 28634831
Conc: 9.45 ng/ml



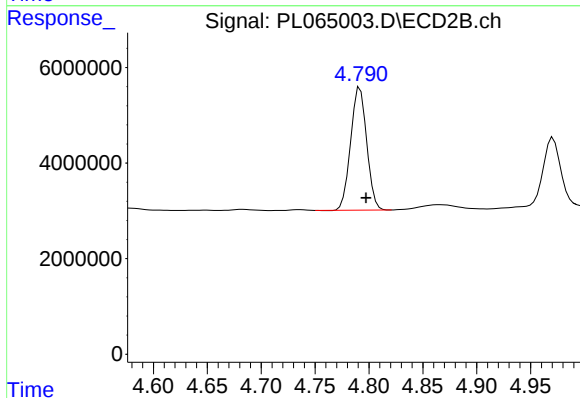
#3 gamma-BHC (Lindane)

R.T.: 4.135 min
Delta R.T.: -0.005 min
Response: 36664416
Conc: 8.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

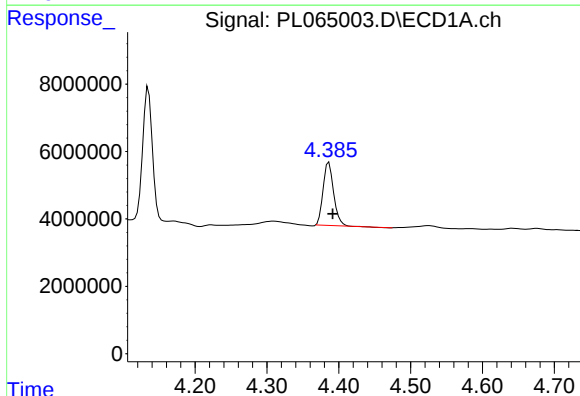
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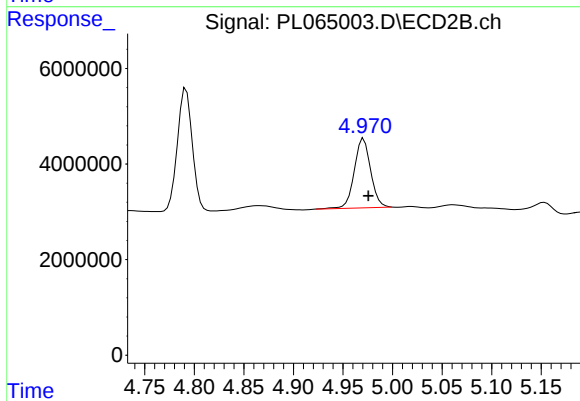
#3 gamma-BHC (Lindane)

R.T.: 4.792 min
Delta R.T.: -0.006 min
Response: 26681205
Conc: 9.39 ng/ml



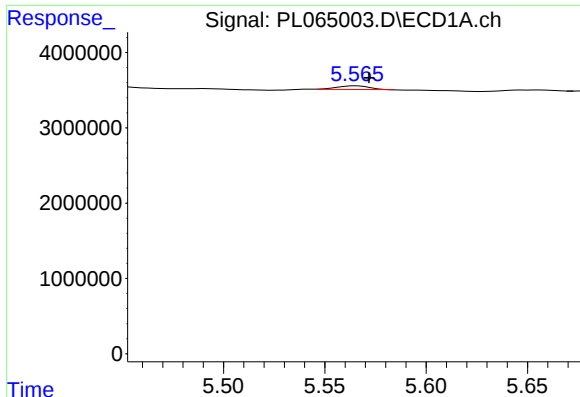
#6 beta-BHC

R.T.: 4.386 min
Delta R.T.: -0.005 min
Response: 18983267
Conc: 11.11 ng/ml



#6 beta-BHC

R.T.: 4.971 min
Delta R.T.: -0.005 min
Response: 16798712
Conc: 9.83 ng/ml



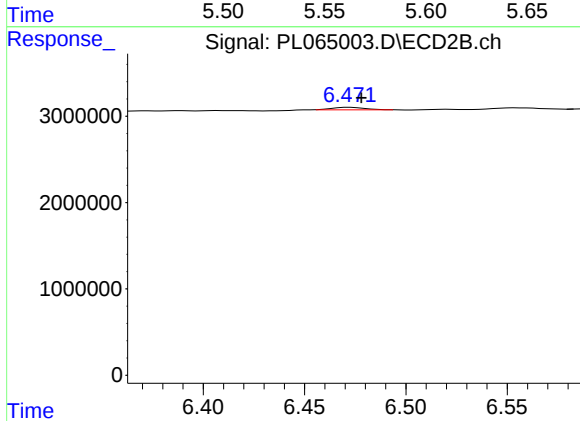
#12 4,4'-DDE

R.T.: 5.565 min
Delta R.T.: -0.007 min
Response: 535088
Conc: 0.17 ng/ml m

Instrument :
ECD_L
ClientSampleId :
PEM

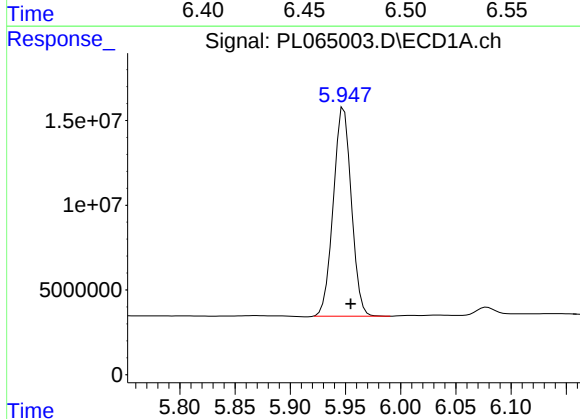
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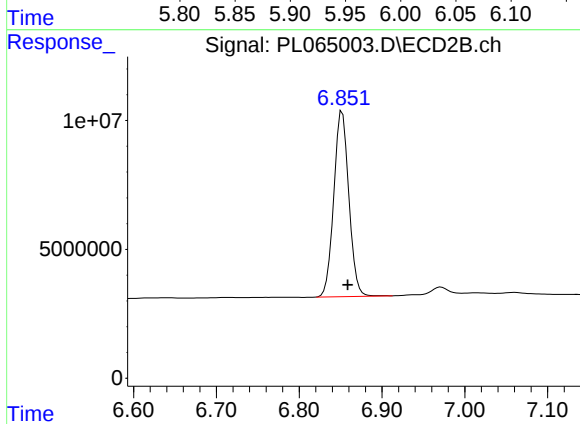
#12 4,4'-DDE

R.T.: 6.471 min
Delta R.T.: -0.007 min
Response: 340999
Conc: 0.17 ng/ml m



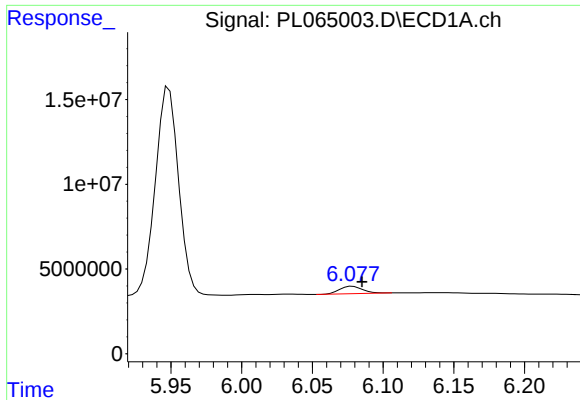
#14 Endrin

R.T.: 5.949 min
Delta R.T.: -0.006 min
Response: 140069896
Conc: 46.64 ng/ml



#14 Endrin

R.T.: 6.852 min
Delta R.T.: -0.006 min
Response: 91077362
Conc: 50.38 ng/ml



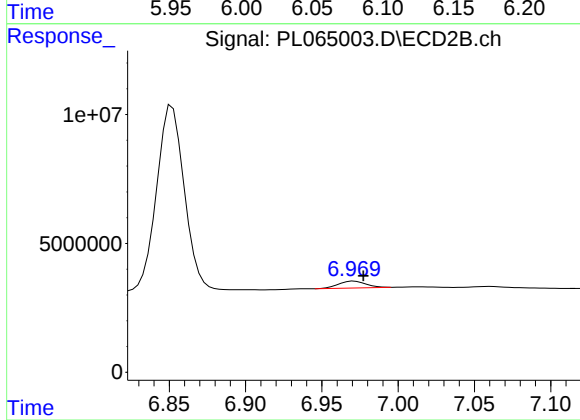
#16 4,4'-DDD

R.T.: 6.078 min
Delta R.T.: -0.007 min
Response: 4947317
Conc: 1.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

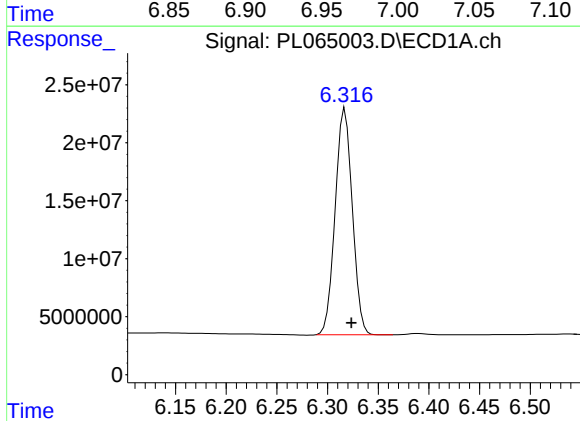
Manual Integrations
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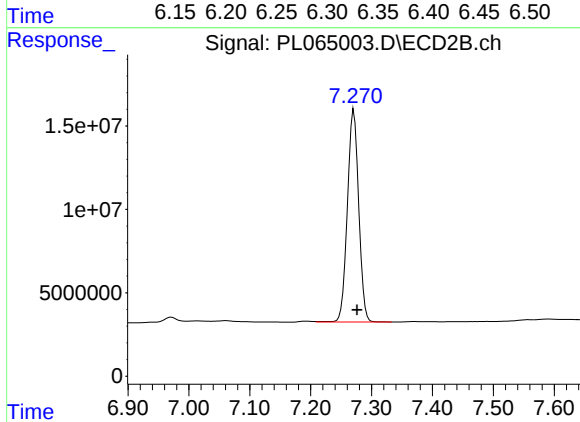
#16 4,4'-DDD

R.T.: 6.969 min
Delta R.T.: -0.008 min
Response: 3341610
Conc: 1.93 ng/ml m



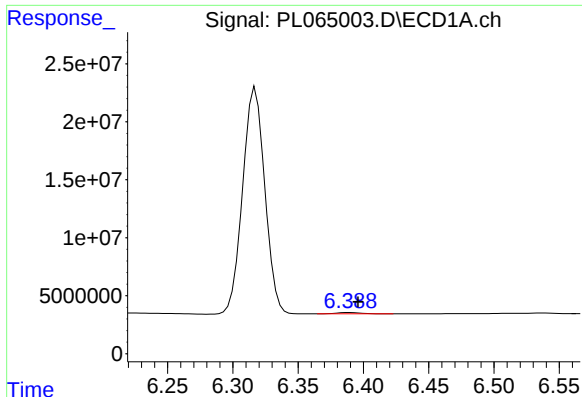
#17 4,4'-DDT

R.T.: 6.317 min
Delta R.T.: -0.006 min
Response: 230272899
Conc: 102.12 ng/ml



#17 4,4'-DDT

R.T.: 7.271 min
Delta R.T.: -0.005 min
Response: 164357157
Conc: 107.80 ng/ml



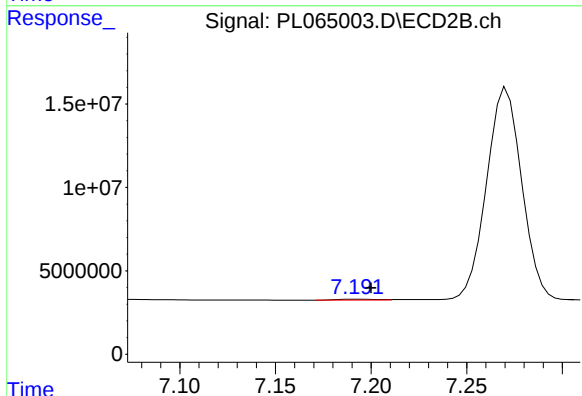
#18 Endrin aldehyde

R.T.: 6.389 min
Delta R.T.: -0.007 min
Response: 1395377
Conc: 0.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

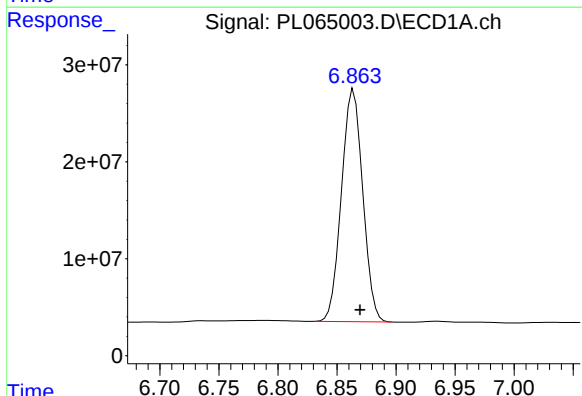
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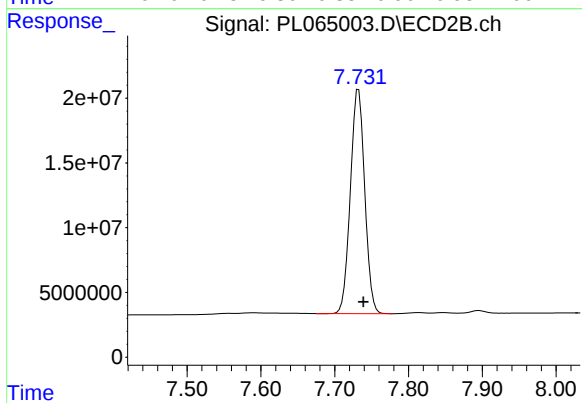
#18 Endrin aldehyde

R.T.: 7.191 min
Delta R.T.: -0.009 min
Response: 770107
Conc: 0.47 ng/ml m



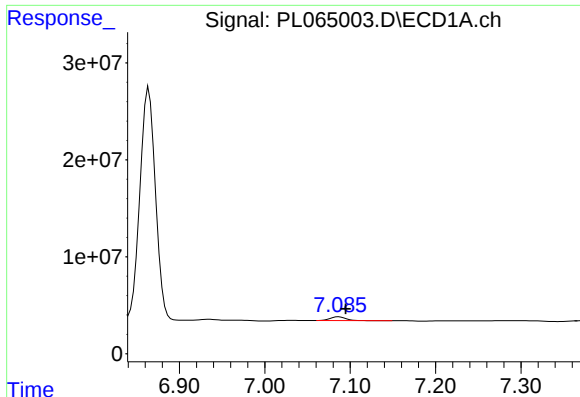
#20 Methoxychlor

R.T.: 6.863 min
Delta R.T.: -0.007 min
Response: 300693256
Conc: 232.22 ng/ml m



#20 Methoxychlor

R.T.: 7.732 min
Delta R.T.: -0.007 min
Response: 234145225
Conc: 259.02 ng/ml



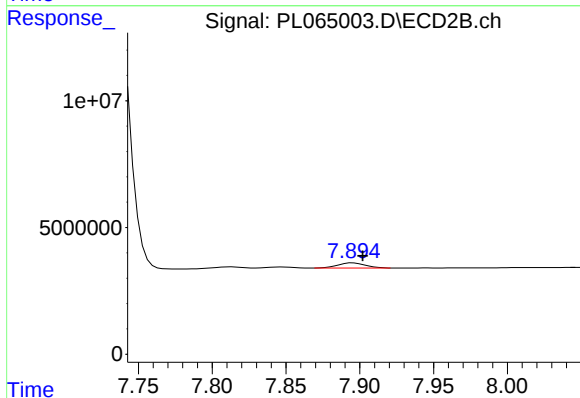
#21 Endrin ketone

R.T.: 7.087 min
Delta R.T.: -0.008 min
Response: 4916179
Conc: 1.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

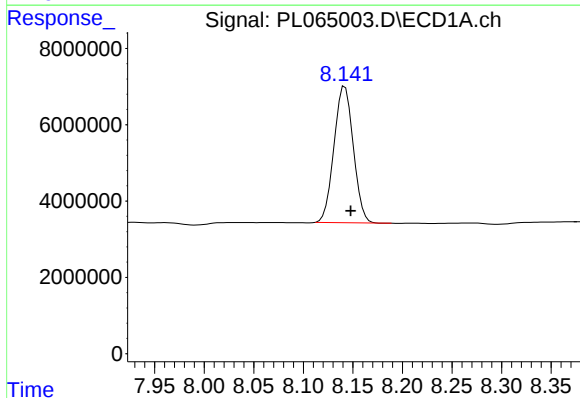
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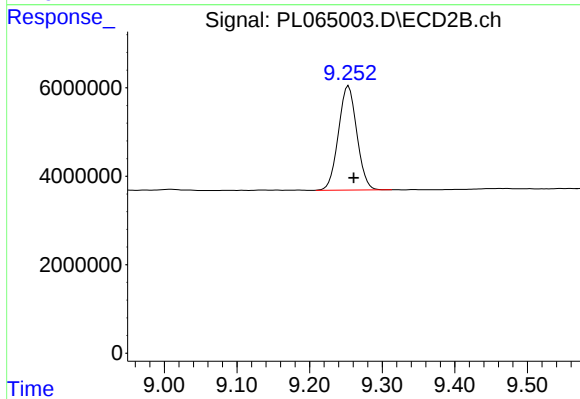
#21 Endrin ketone

R.T.: 7.894 min
Delta R.T.: -0.008 min
Response: 2695129
Conc: 1.41 ng/ml m



#28 Decachlorobiphenyl

R.T.: 8.142 min
Delta R.T.: -0.006 min
Response: 48449966
Conc: 21.54 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.254 min
Delta R.T.: -0.007 min
Response: 41503762
Conc: 21.85 ng/ml