

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072321\
 Data File : PL068442.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Jul 2021 19:00
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
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 7/27/2021 8:10:38 AM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 26 04:57:31 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL071921.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 20 11:44:21 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...	4.642	5.569	9509983	21259636	22.158	20.834
28)	SA Decachlor...	10.417	11.490	11833070	19153134	21.040	21.472
Target Compounds							
2)	A alpha-BHC	5.349	6.149	6141200	13142302	10.491	9.666
3)	MA gamma-BHC...	5.772	6.545	6086526	12583485	10.707	9.753
6)	B beta-BHC	6.151	6.797	3916702	8056771	13.385	11.404
12)	B 4,4'-DDE	7.645	8.565	77689	170070	0.154m	0.165m
14)	MA Endrin	8.067	8.966	28155388	46014376	56.300	51.461
16)	A 4,4'-DDD	8.233	9.108	900638	1352452	2.016	1.588
17)	MA 4,4'-DDT	8.494	9.425	54778225	91898080	109.209	97.366
18)	B Endrin al...	8.567	9.333	194686	147322	0.491m	0.204m#
20)	A Methoxychlor	9.089	9.910	74563205	119.4E6	238.367	235.039
21)	B Endrin ke...	9.313	10.069	1351481	1030600	2.282m	1.033 #

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

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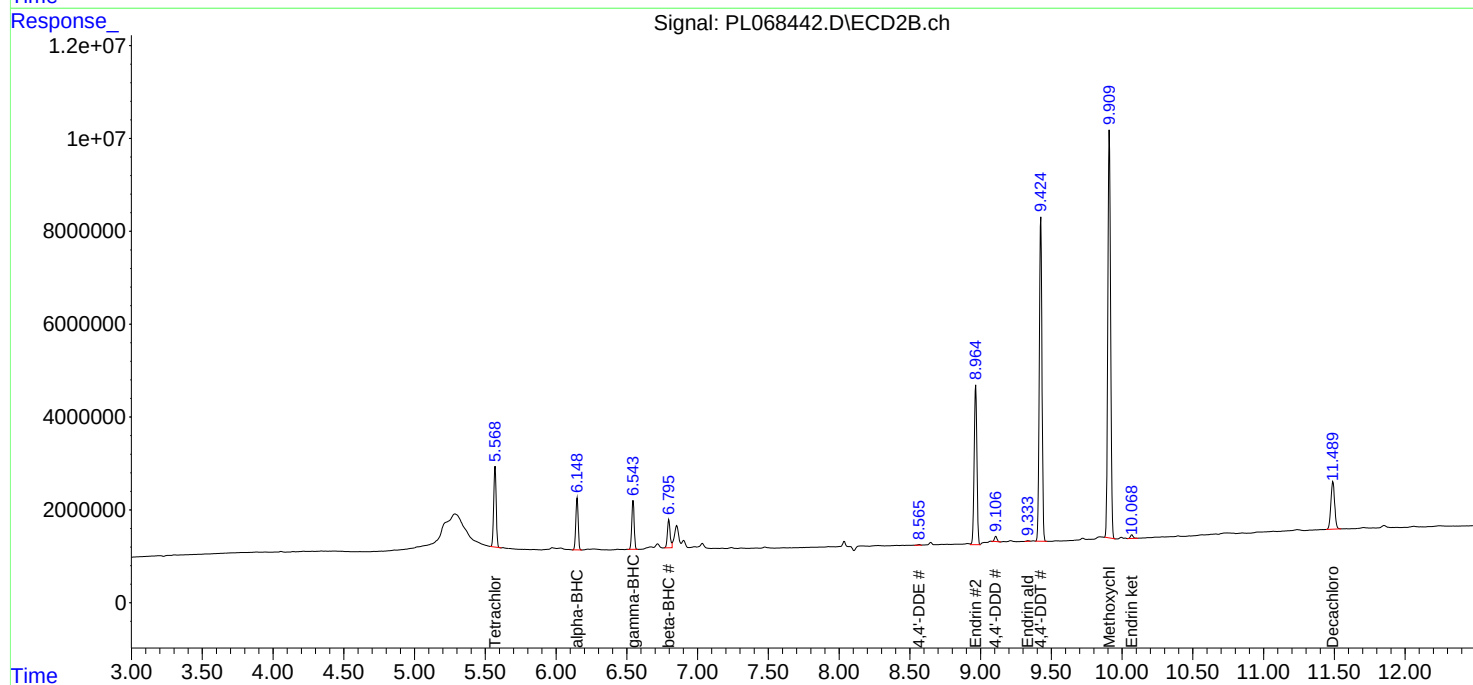
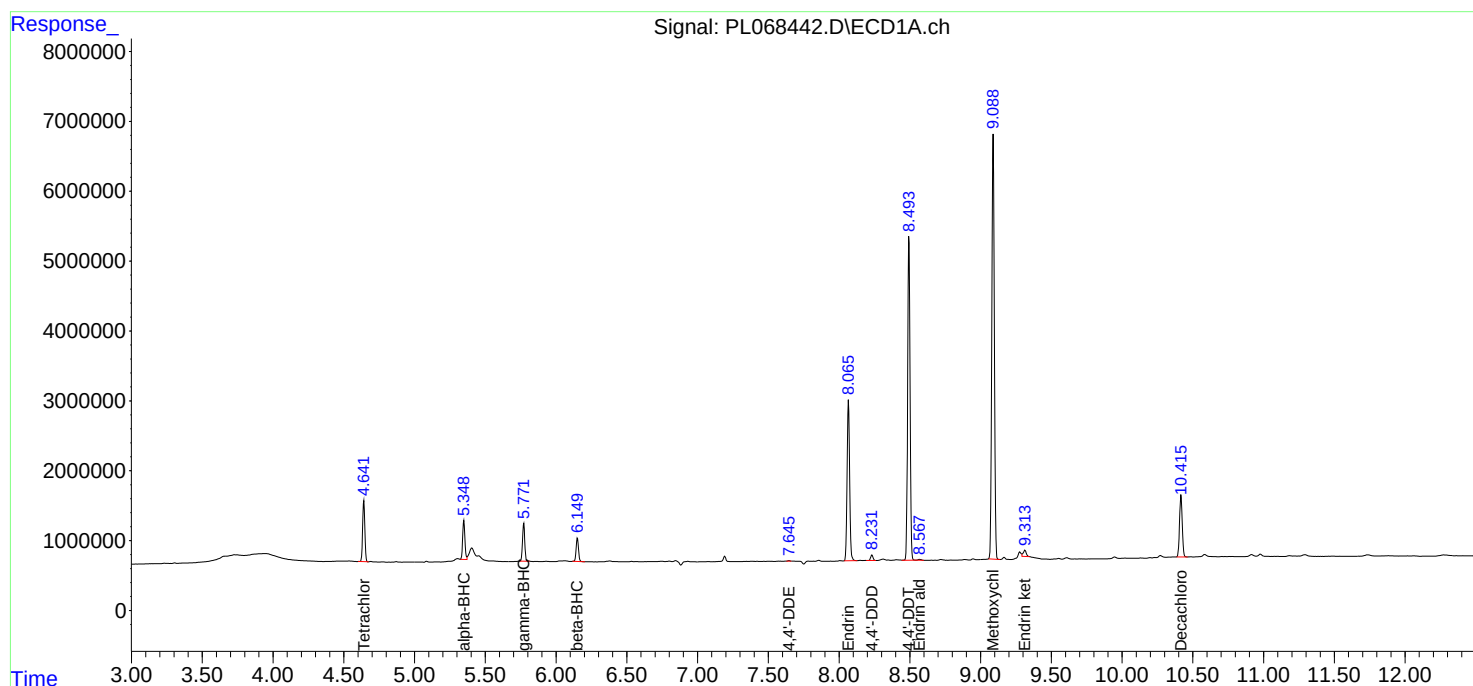
Instrument :
ECD_L
ClientSampleId :
PEM

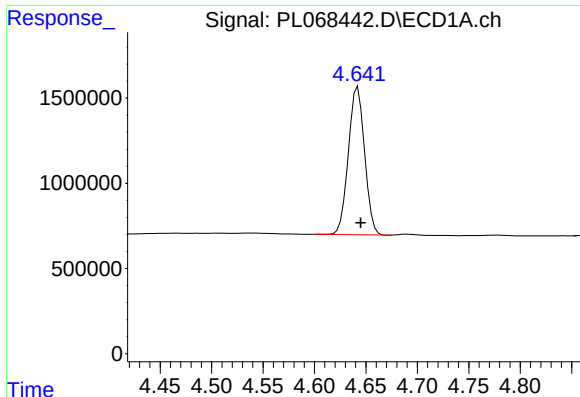
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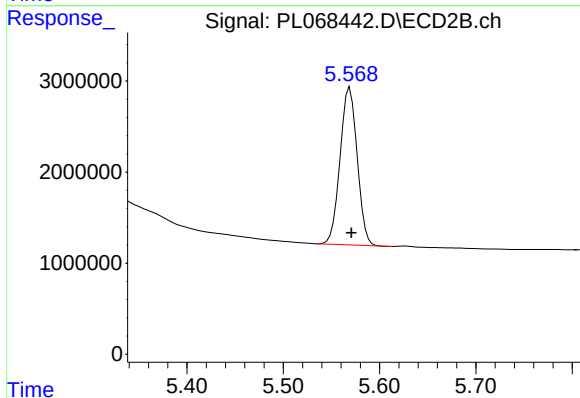
#1 Tetrachloro-m-xylene

R.T.: 4.642 min
Delta R.T.: -0.003 min
Response: 9509983
Conc: 22.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

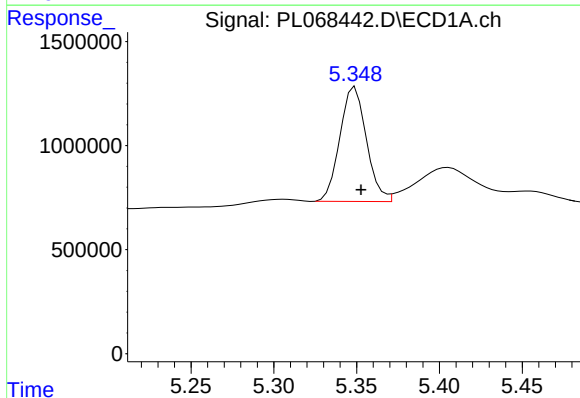
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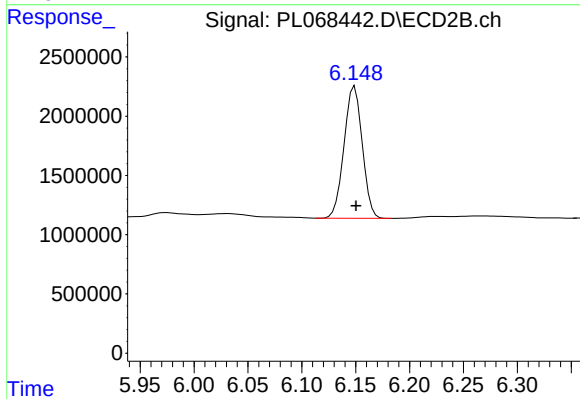
#1 Tetrachloro-m-xylene

R.T.: 5.569 min
Delta R.T.: -0.001 min
Response: 21259636
Conc: 20.83 ng/ml



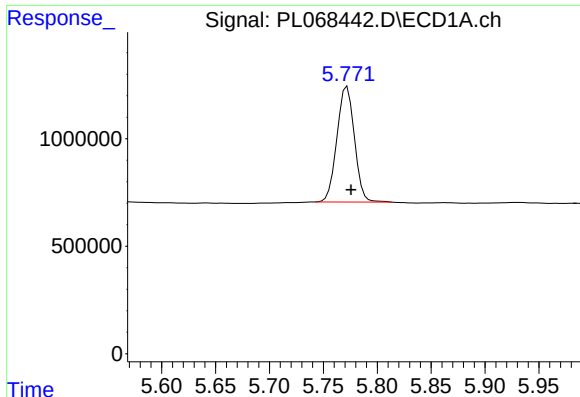
#2 alpha-BHC

R.T.: 5.349 min
Delta R.T.: -0.004 min
Response: 6141200
Conc: 10.49 ng/ml



#2 alpha-BHC

R.T.: 6.149 min
Delta R.T.: -0.001 min
Response: 13142302
Conc: 9.67 ng/ml



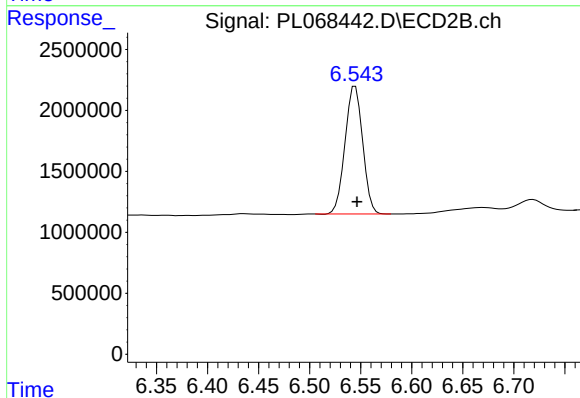
#3 gamma-BHC (Lindane)

R.T.: 5.772 min
Delta R.T.: -0.004 min
Response: 6086526
Conc: 10.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

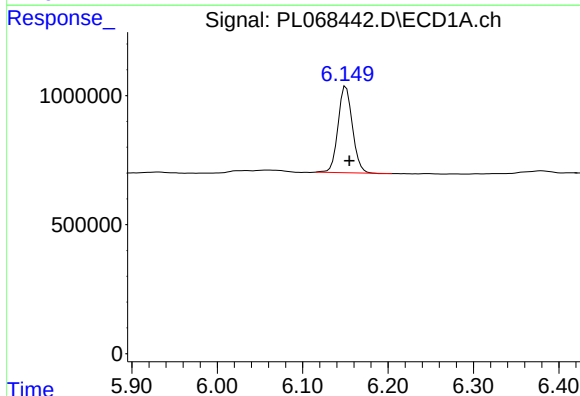
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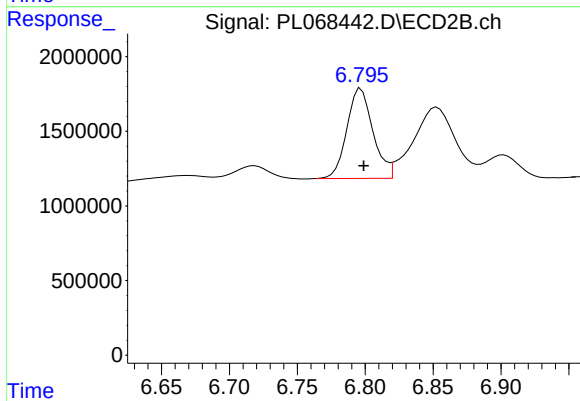
#3 gamma-BHC (Lindane)

R.T.: 6.545 min
Delta R.T.: -0.002 min
Response: 12583485
Conc: 9.75 ng/ml



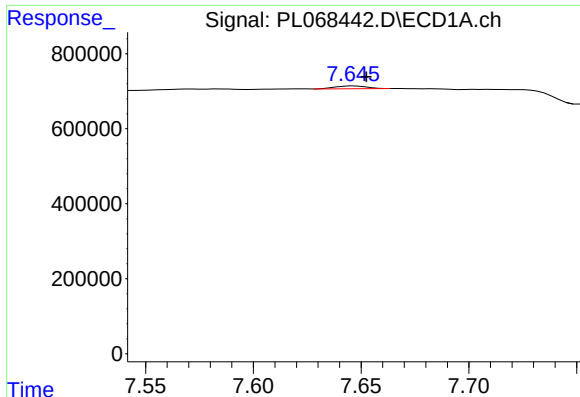
#6 beta-BHC

R.T.: 6.151 min
Delta R.T.: -0.004 min
Response: 3916702
Conc: 13.38 ng/ml



#6 beta-BHC

R.T.: 6.797 min
Delta R.T.: -0.002 min
Response: 8056771
Conc: 11.40 ng/ml



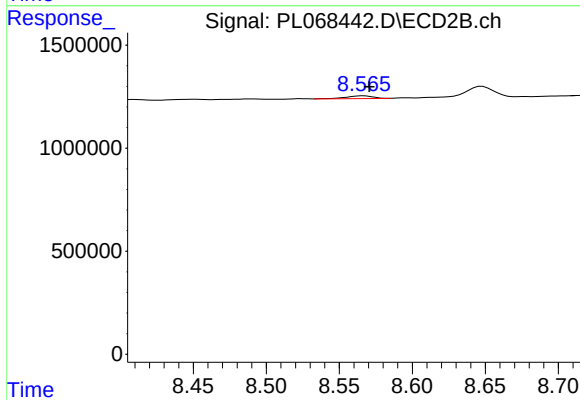
#12 4,4'-DDE

R.T.: 7.645 min
Delta R.T.: -0.008 min
Response: 77689
Conc: 0.15 ng/ml m

Instrument :
ECD_L
ClientSampleId :
PEM

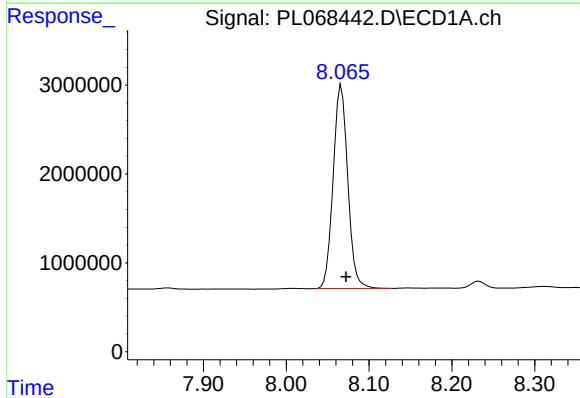
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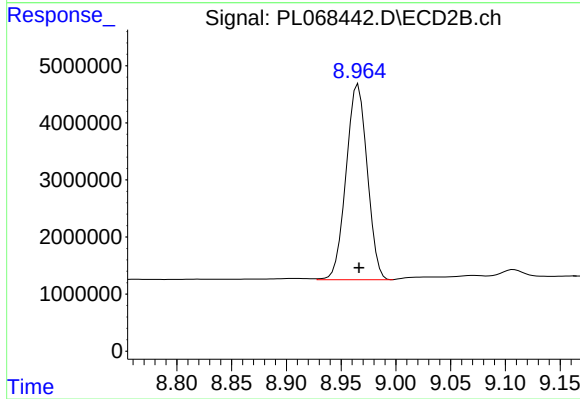
#12 4,4'-DDE

R.T.: 8.565 min
Delta R.T.: -0.006 min
Response: 170070
Conc: 0.17 ng/ml m



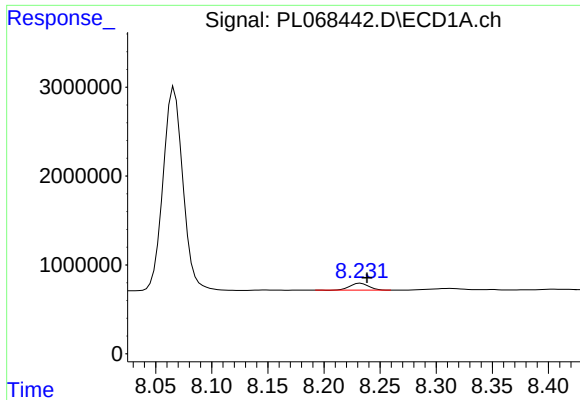
#14 Endrin

R.T.: 8.067 min
Delta R.T.: -0.005 min
Response: 28155388
Conc: 56.30 ng/ml



#14 Endrin

R.T.: 8.966 min
Delta R.T.: 0.000 min
Response: 46014376
Conc: 51.46 ng/ml



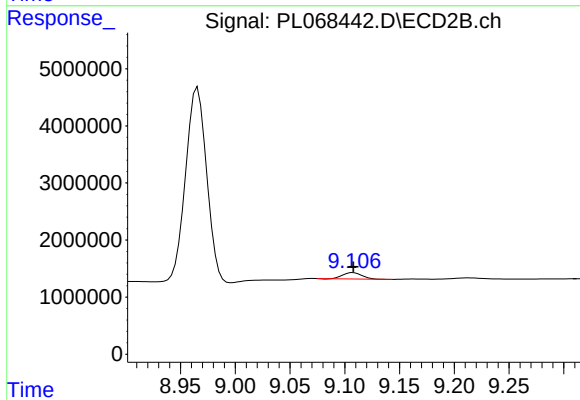
#16 4,4'-DDD

R.T.: 8.233 min
Delta R.T.: -0.005 min
Response: 900638
Conc: 2.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

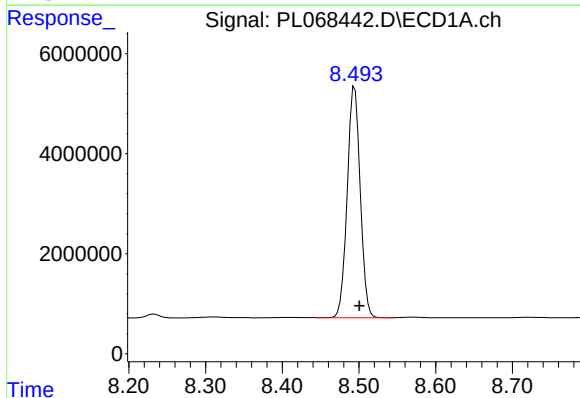
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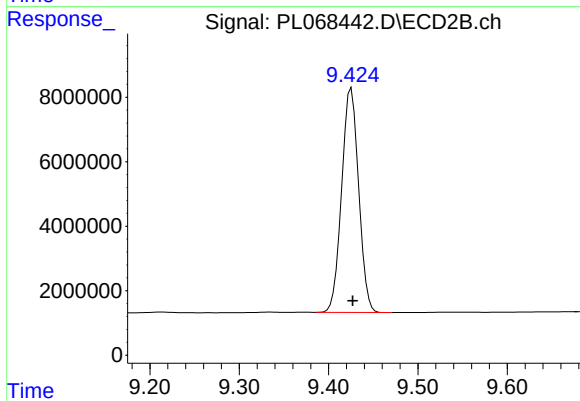
#16 4,4'-DDD

R.T.: 9.108 min
Delta R.T.: 0.000 min
Response: 1352452
Conc: 1.59 ng/ml



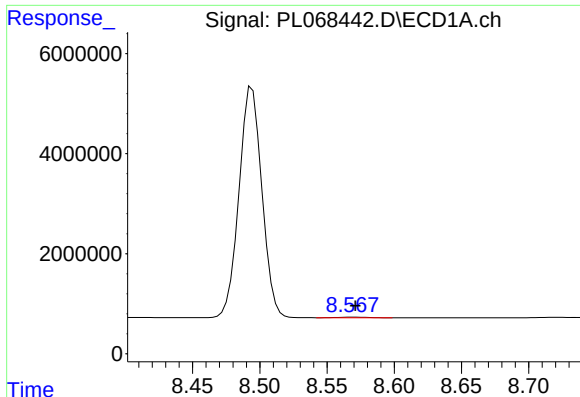
#17 4,4'-DDT

R.T.: 8.494 min
Delta R.T.: -0.006 min
Response: 54778225
Conc: 109.21 ng/ml



#17 4,4'-DDT

R.T.: 9.425 min
Delta R.T.: -0.002 min
Response: 91898080
Conc: 97.37 ng/ml



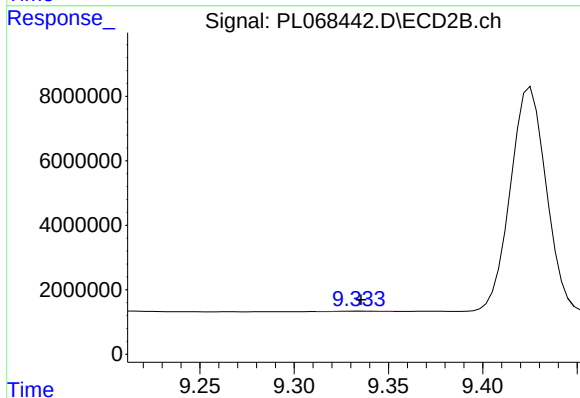
#18 Endrin aldehyde

R.T.: 8.567 min
Delta R.T.: -0.004 min
Response: 194686
Conc: 0.49 ng/ml m

Instrument :
ECD_L
ClientSampleId :
PEM

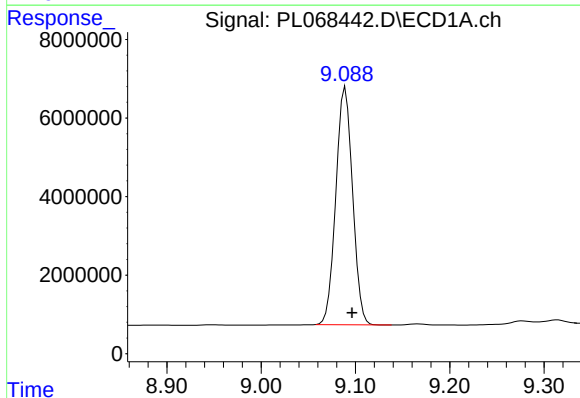
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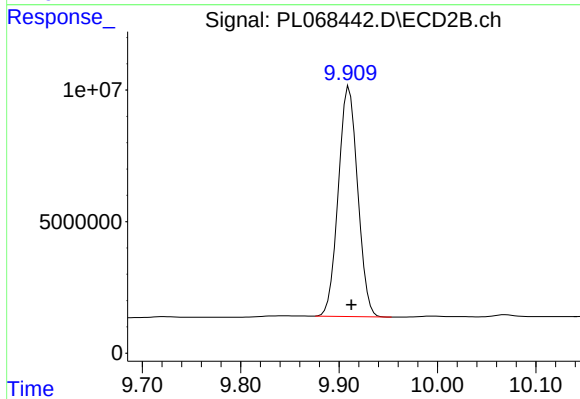
#18 Endrin aldehyde

R.T.: 9.333 min
Delta R.T.: -0.003 min
Response: 147322
Conc: 0.20 ng/ml m



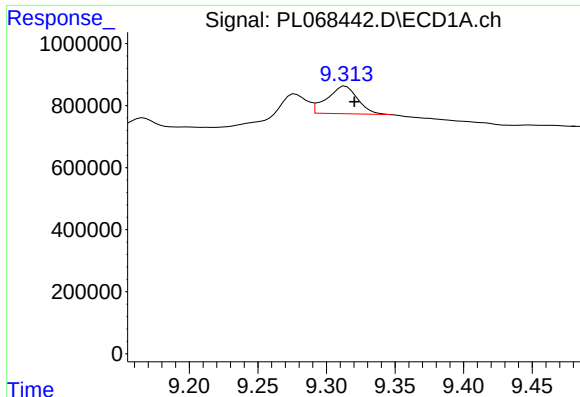
#20 Methoxychlor

R.T.: 9.089 min
Delta R.T.: -0.007 min
Response: 74563205
Conc: 238.37 ng/ml



#20 Methoxychlor

R.T.: 9.910 min
Delta R.T.: -0.002 min
Response: 119408267
Conc: 235.04 ng/ml



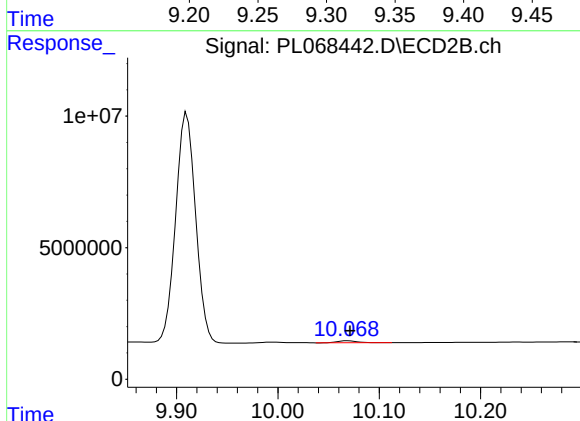
#21 Endrin ketone

R.T.: 9.313 min
Delta R.T.: -0.008 min
Response: 1351481
Conc: 2.28 ng/ml m

Instrument :
ECD_L
ClientSampleId :
PEM

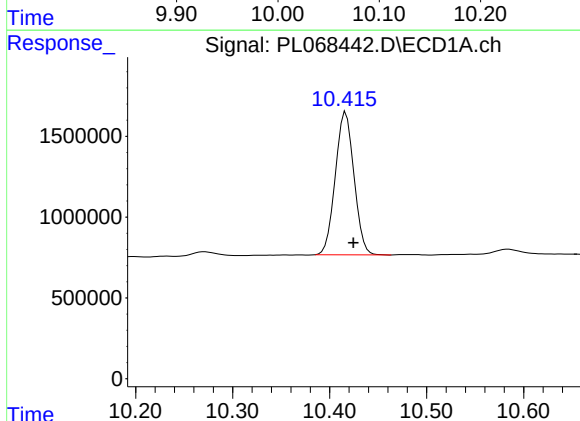
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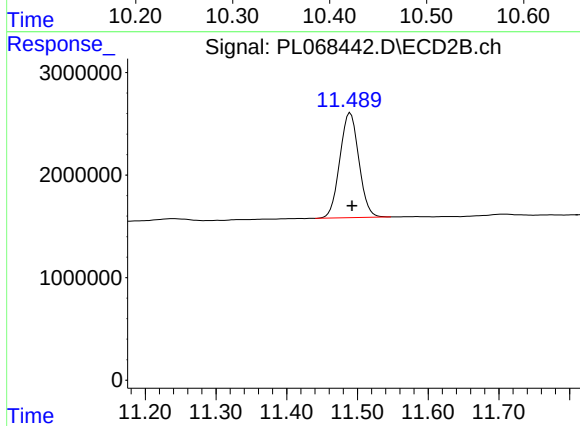
#21 Endrin ketone

R.T.: 10.069 min
Delta R.T.: -0.002 min
Response: 1030600
Conc: 1.03 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.417 min
Delta R.T.: -0.008 min
Response: 11833070
Conc: 21.04 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.490 min
Delta R.T.: -0.002 min
Response: 19153134
Conc: 21.47 ng/ml