

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071221\
 Data File : PL068075.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Jul 2021 02:37
 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: Jul 13 06:09:46 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL071221.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 12 14:08:44 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...	4.672	5.581	11129563	21279268	20.108	20.808
28)	SA Decachlor...	10.473	11.504	10964979	16424766	19.758	21.078
Target Compounds							
2)	A alpha-BHC	5.379	6.161	6465845	13008738	8.862	9.828
3)	MA gamma-BHC...	5.802	6.557	6842581	12416299	9.544	9.966
6)	B beta-BHC	6.180	6.809	4272312	7565422	11.895	11.391
12)	B 4,4'-DDE	7.680	8.579	103282	151949	0.172m	0.165m
14)	MA Endrin	8.103	8.979	29637374	42467111	53.210	53.918
16)	A 4,4'-DDD	8.269	9.119	974681	1623420	1.930	2.086
17)	MA 4,4'-DDT	8.533	9.437	57355015	82829253	106.264	99.683
18)	B Endrin al...	8.612	9.347	180712	119593	0.434m	0.187m#
20)	A Methoxychlor	9.133	9.920	76530218	110.2E6	244.797	251.891m
21)	B Endrin ke...	9.354	10.081	754796	960539	1.246m	1.107

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

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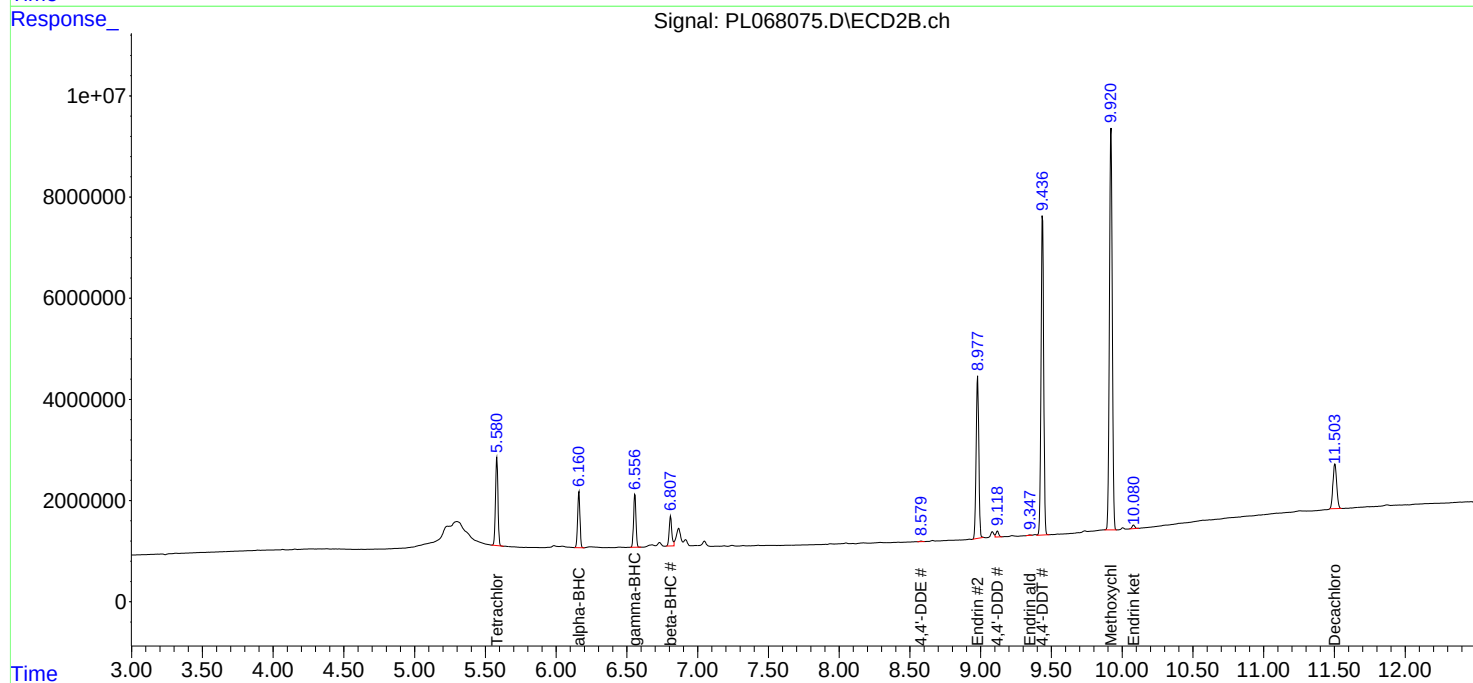
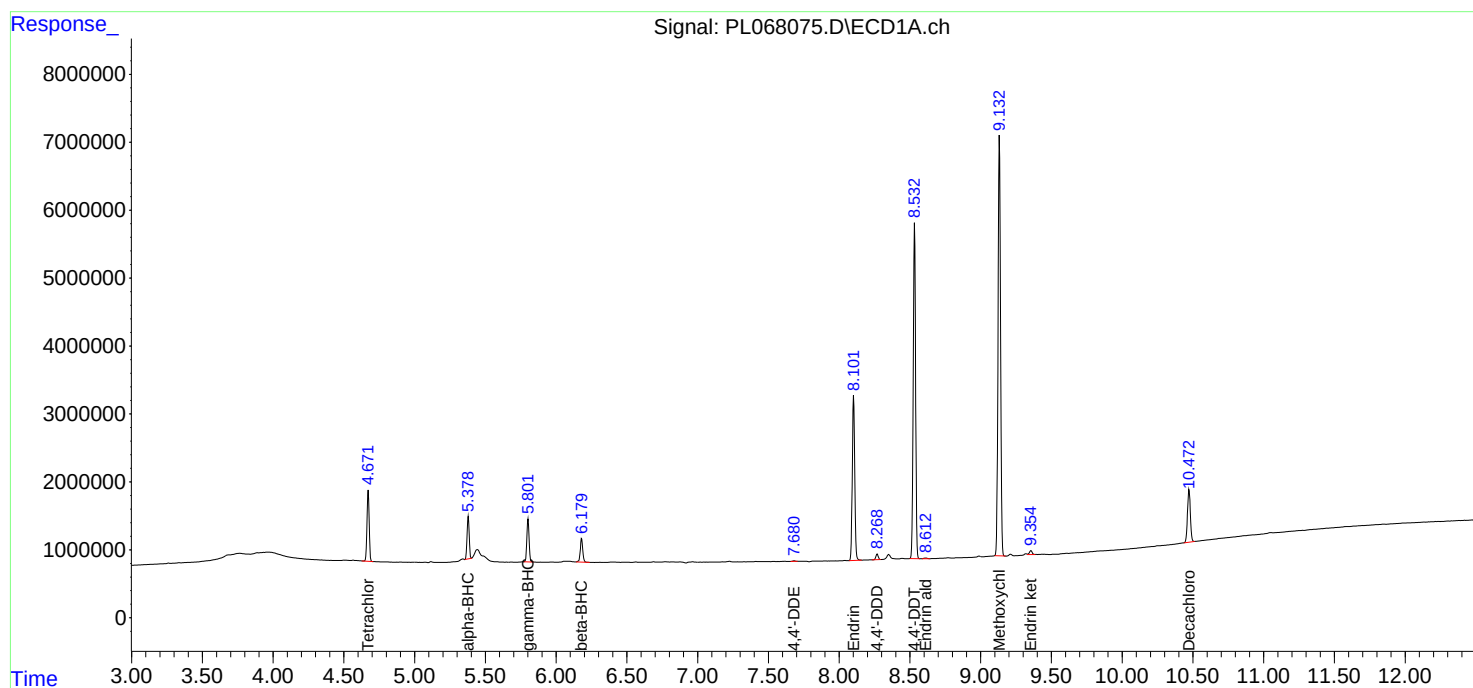
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PEM

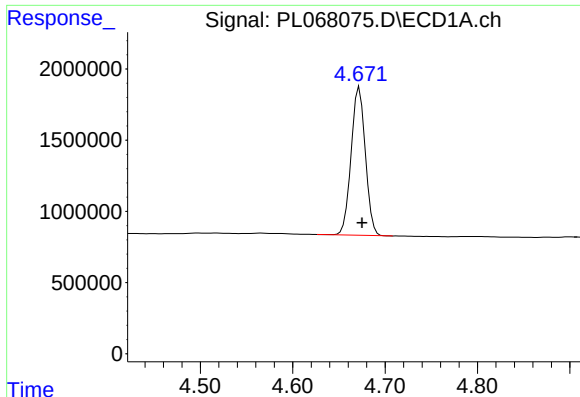
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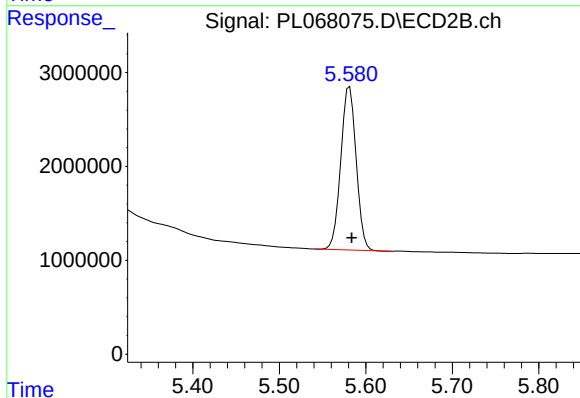
#1 Tetrachloro-m-xylene

R.T.: 4.672 min
Delta R.T.: -0.003 min
Response: 11129563
Conc: 20.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

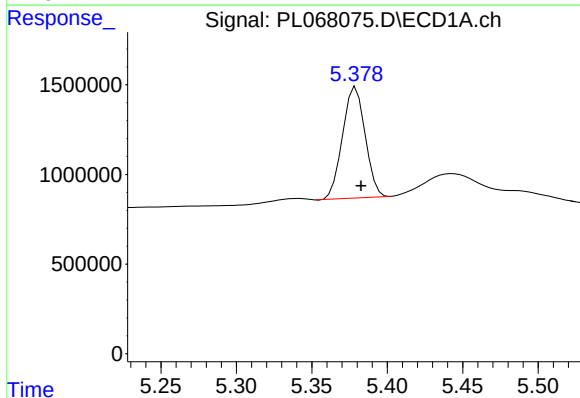
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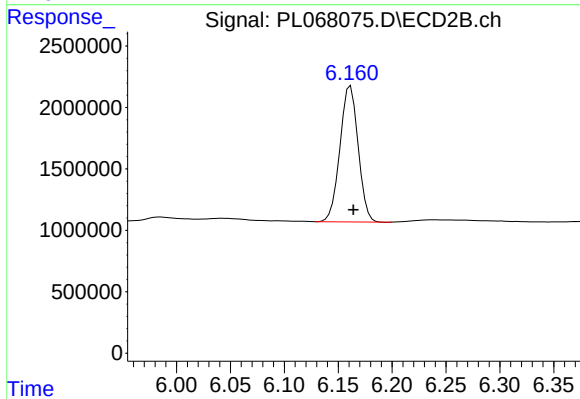
#1 Tetrachloro-m-xylene

R.T.: 5.581 min
Delta R.T.: -0.003 min
Response: 21279268
Conc: 20.81 ng/ml



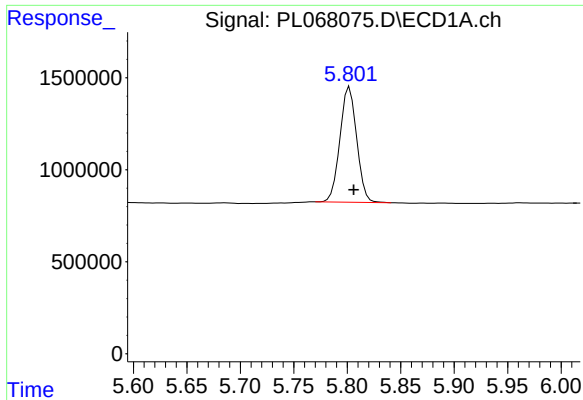
#2 alpha-BHC

R.T.: 5.379 min
Delta R.T.: -0.003 min
Response: 6465845
Conc: 8.86 ng/ml



#2 alpha-BHC

R.T.: 6.161 min
Delta R.T.: -0.003 min
Response: 13008738
Conc: 9.83 ng/ml



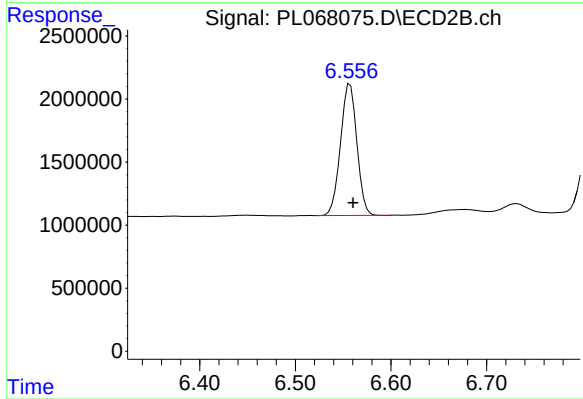
#3 gamma-BHC (Lindane)

R.T.: 5.802 min
Delta R.T.: -0.004 min
Response: 6842581
Conc: 9.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

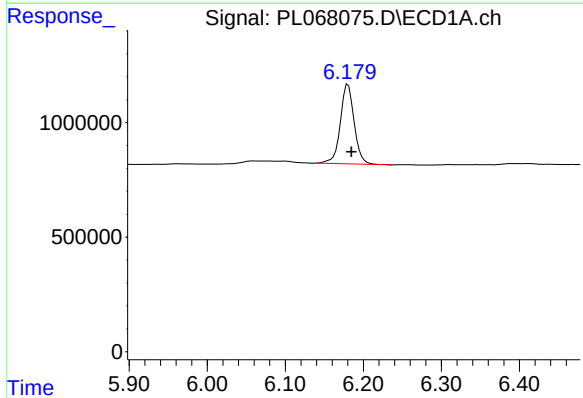
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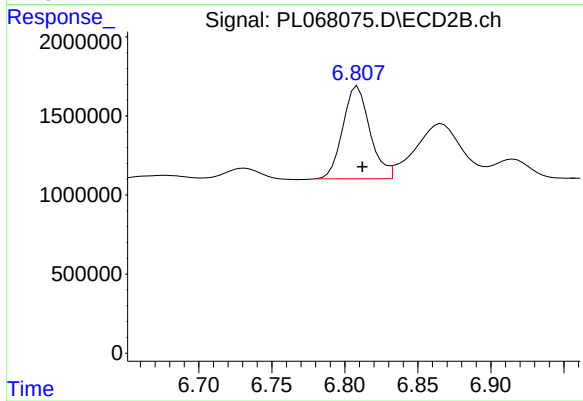
#3 gamma-BHC (Lindane)

R.T.: 6.557 min
Delta R.T.: -0.003 min
Response: 12416299
Conc: 9.97 ng/ml



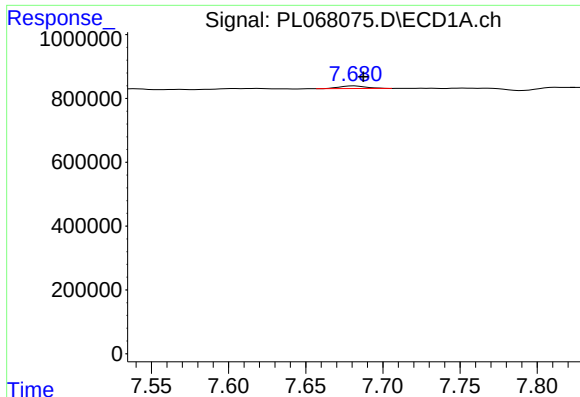
#6 beta-BHC

R.T.: 6.180 min
Delta R.T.: -0.004 min
Response: 4272312
Conc: 11.90 ng/ml



#6 beta-BHC

R.T.: 6.809 min
Delta R.T.: -0.003 min
Response: 7565422
Conc: 11.39 ng/ml



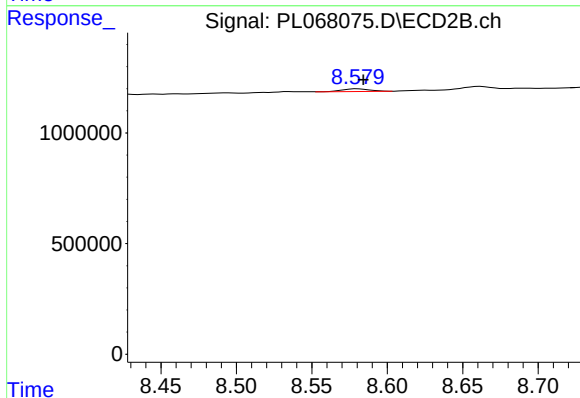
#12 4,4'-DDE

R.T.: 7.680 min
Delta R.T.: -0.007 min
Response: 103282
Conc: 0.17 ng/ml m

Instrument :
ECD_L
ClientSampleId :
PEM

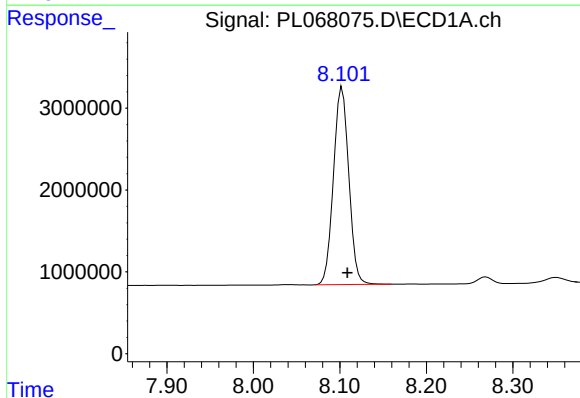
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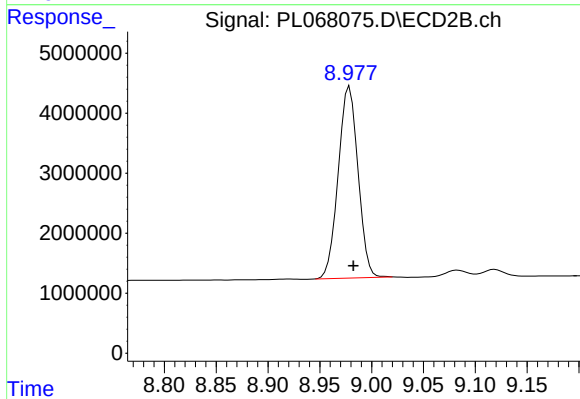
#12 4,4'-DDE

R.T.: 8.579 min
Delta R.T.: -0.005 min
Response: 151949
Conc: 0.17 ng/ml m



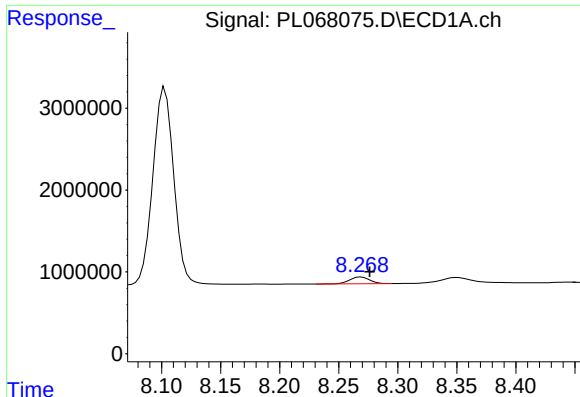
#14 Endrin

R.T.: 8.103 min
Delta R.T.: -0.006 min
Response: 29637374
Conc: 53.21 ng/ml



#14 Endrin

R.T.: 8.979 min
Delta R.T.: -0.004 min
Response: 42467111
Conc: 53.92 ng/ml



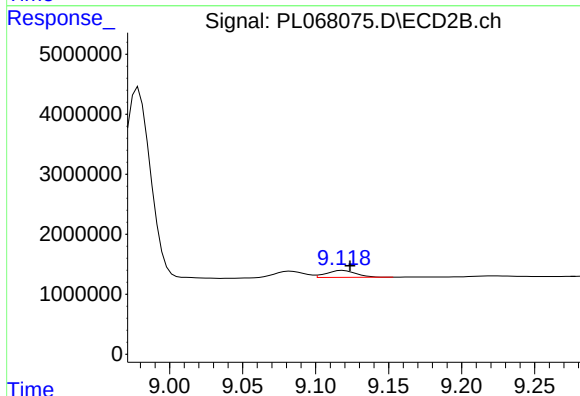
#16 4,4'-DDD

R.T.: 8.269 min
Delta R.T.: -0.007 min
Response: 974681
Conc: 1.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

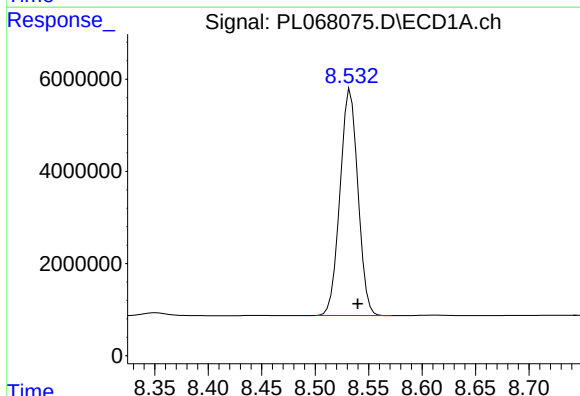
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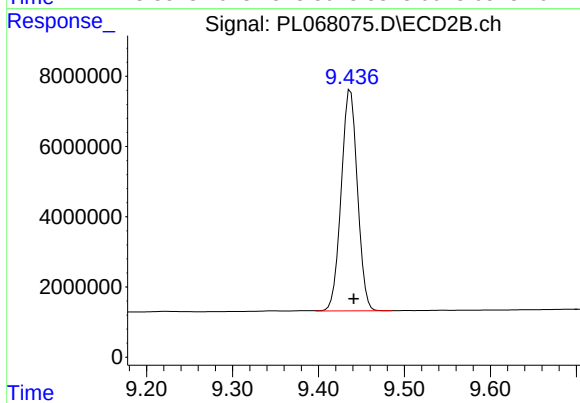
#16 4,4'-DDD

R.T.: 9.119 min
Delta R.T.: -0.005 min
Response: 1623420
Conc: 2.09 ng/ml



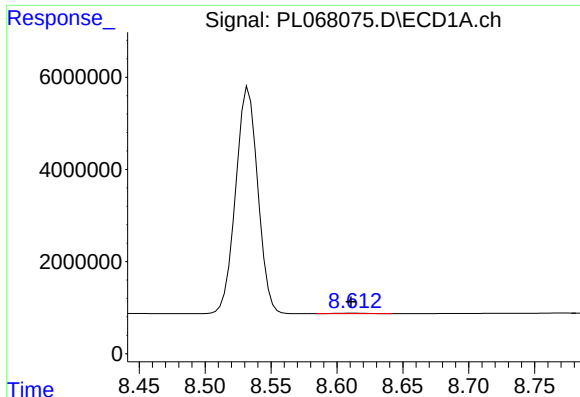
#17 4,4'-DDT

R.T.: 8.533 min
Delta R.T.: -0.007 min
Response: 57355015
Conc: 106.26 ng/ml



#17 4,4'-DDT

R.T.: 9.437 min
Delta R.T.: -0.004 min
Response: 82829253
Conc: 99.68 ng/ml



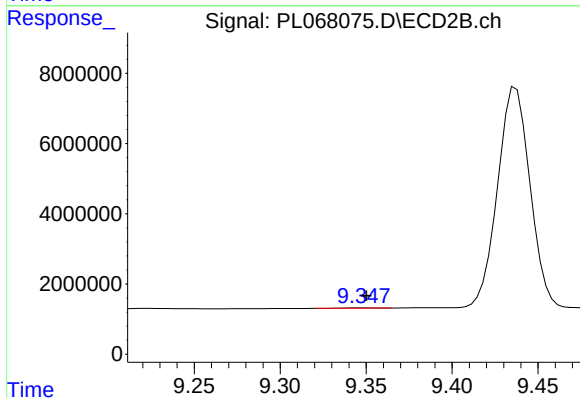
#18 Endrin aldehyde

R.T.: 8.612 min
Delta R.T.: 0.000 min
Response: 180712
Conc: 0.43 ng/ml m

Instrument :
ECD_L
ClientSampleId :
PEM

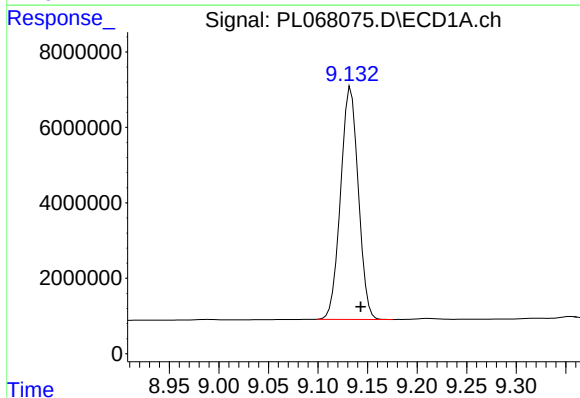
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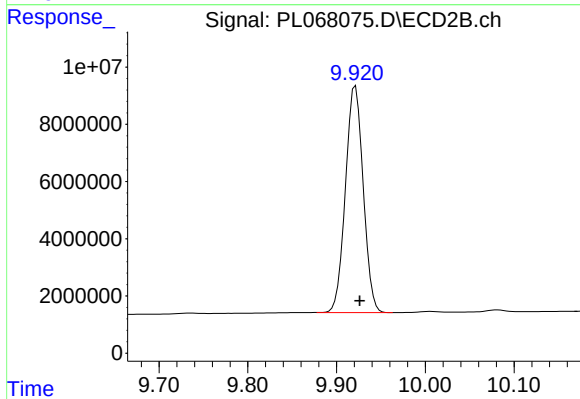
#18 Endrin aldehyde

R.T.: 9.347 min
Delta R.T.: -0.003 min
Response: 119593
Conc: 0.19 ng/ml m



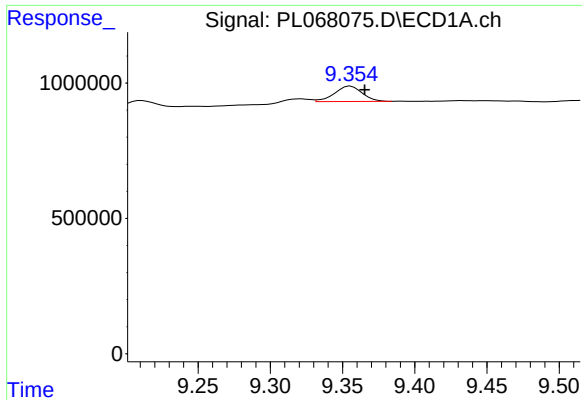
#20 Methoxychlor

R.T.: 9.133 min
Delta R.T.: -0.010 min
Response: 76530218
Conc: 244.80 ng/ml



#20 Methoxychlor

R.T.: 9.920 min
Delta R.T.: -0.006 min
Response: 110165343
Conc: 251.89 ng/ml m



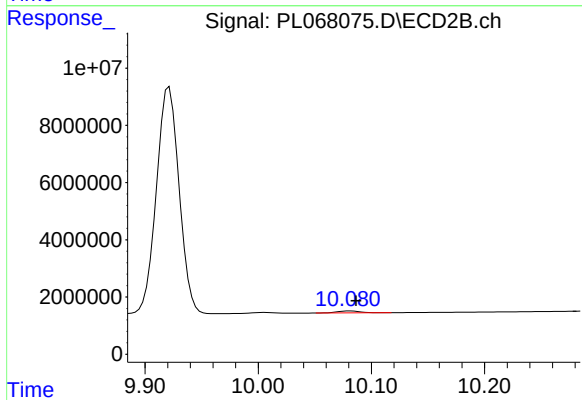
#21 Endrin ketone

R.T.: 9.354 min
Delta R.T.: -0.011 min
Response: 754796
Conc: 1.25 ng/ml m

Instrument :
ECD_L
ClientSampleId :
PEM

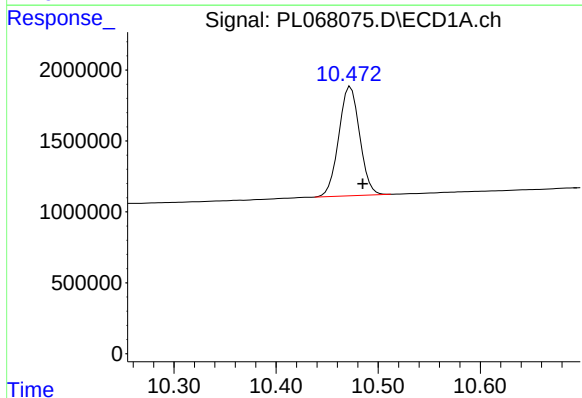
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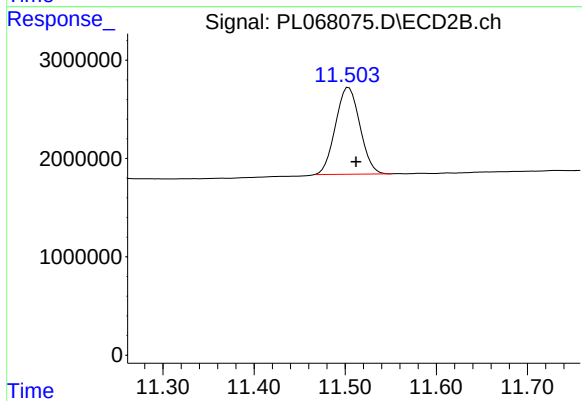
#21 Endrin ketone

R.T.: 10.081 min
Delta R.T.: -0.006 min
Response: 960539
Conc: 1.11 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.473 min
Delta R.T.: -0.012 min
Response: 10964979
Conc: 19.76 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.504 min
Delta R.T.: -0.008 min
Response: 16424766
Conc: 21.08 ng/ml