

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL053022\
 Data File : PL075250.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 May 2022 13:14
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 05/31/2022
 Supervised By :Ankita Jodhani 05/31/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 31 03:20:45 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL052822.M
 Quant Title : GC Extractables
 QLast Update : Tue May 31 02:52:42 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...	5.640	4.641	12924536	33000399	21.990	20.832
28)	SA Decachlor...	11.639	10.389	11904049	28235466	22.202	20.576
Target Compounds							
2)	A alpha-BHC	6.225	5.342	8163359	20641721	9.892	9.537
3)	MA gamma-BHC...	6.623	5.763	7985698	20641187	10.203	9.828
6)	B beta-BHC	6.875	6.141	4094641	10814460	10.998	11.142
12)	B 4,4'-DDE	8.656	7.628	96546	337411	0.166m	0.207
14)	MA Endrin	9.061	8.049	29021204	76084255	54.651	48.875
16)	A 4,4'-DDD	9.200	8.213	1259998	3334403	2.548	2.495
17)	MA 4,4'-DDT	9.520	8.474	55944597	142.3E6	96.047	99.478
18)	B Endrin al...	9.429	8.549	359438	736063	0.818	0.611 #
20)	A Methoxychlor	10.006	9.067	76386440	184.1E6	249.396	226.675
21)	B Endrin ke...	10.171	9.294	1302768	2847422	2.122m	1.781m

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

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Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

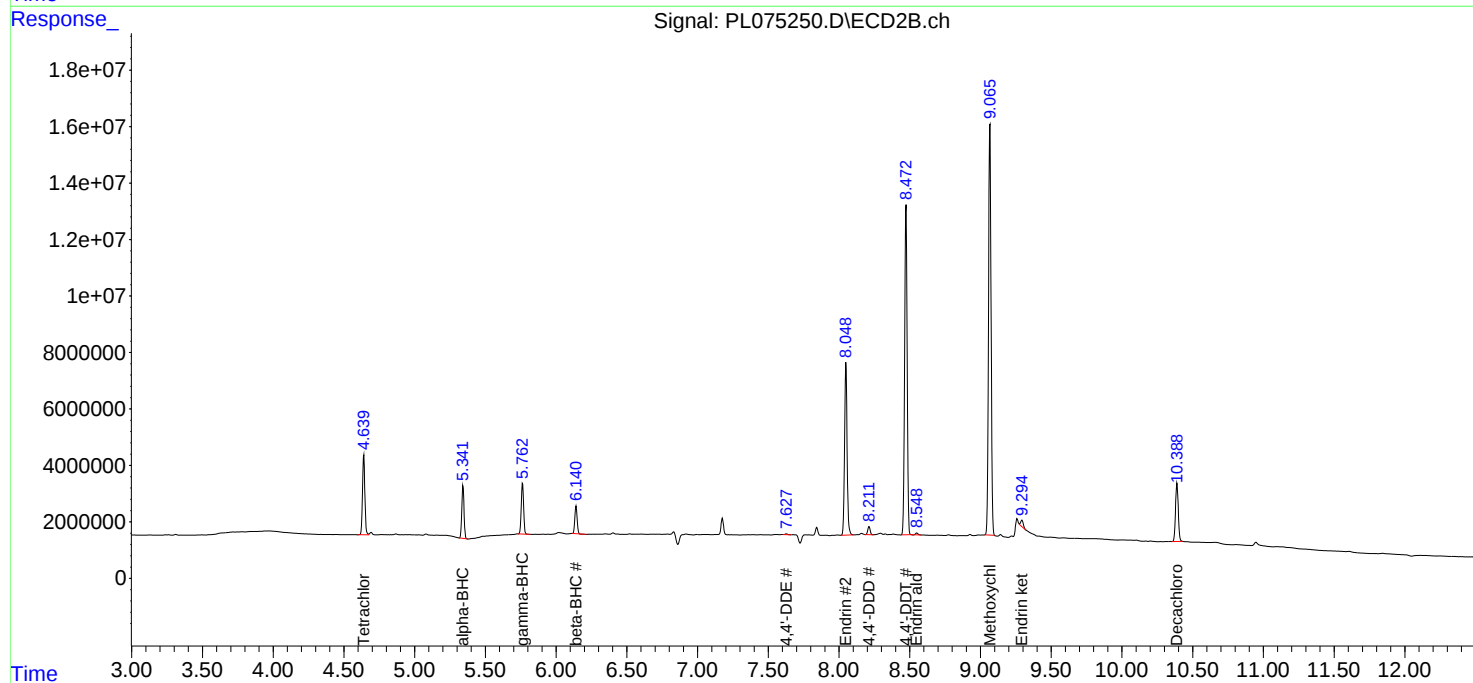
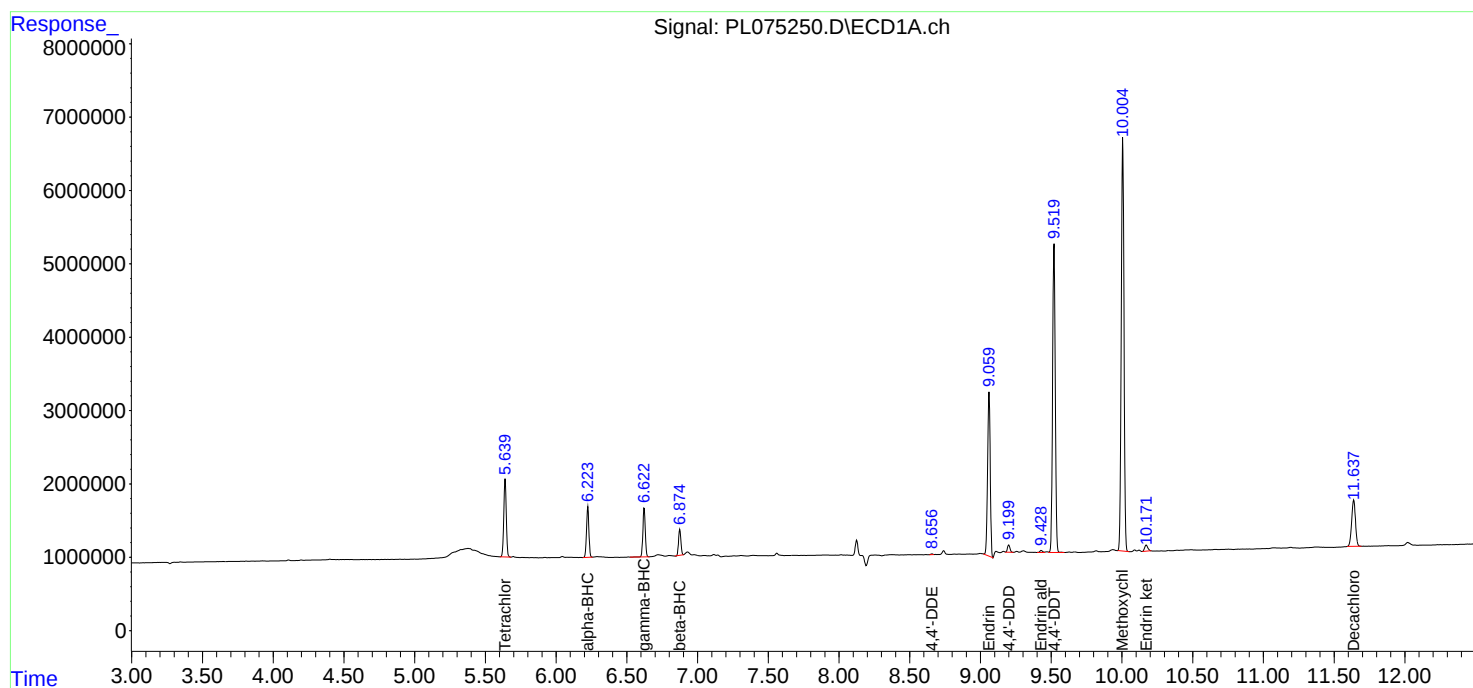
Instrument :
ECD_L
ClientSampleId :
PEM

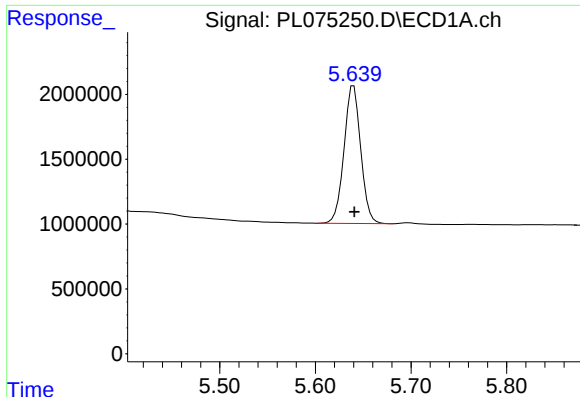
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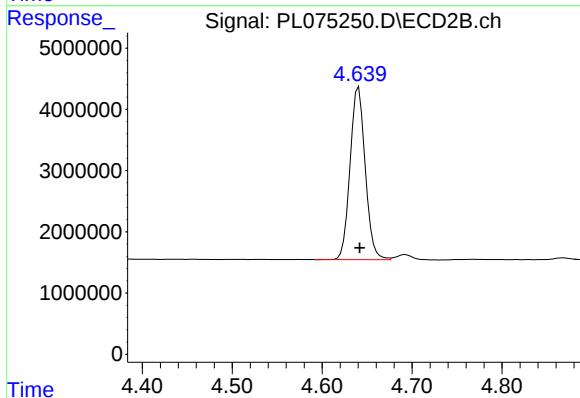
#1 Tetrachloro-m-xylene

R.T.: 5.640 min
Delta R.T.: -0.001 min
Response: 12924536
Conc: 21.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

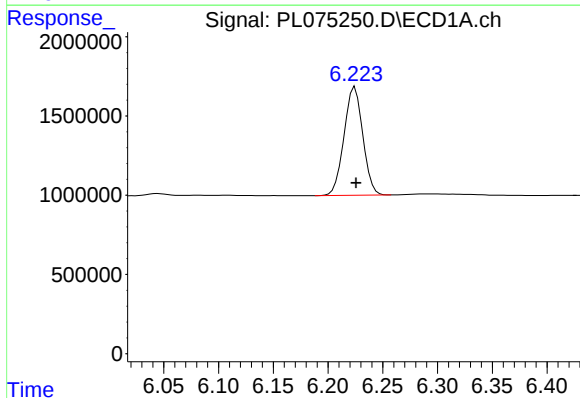
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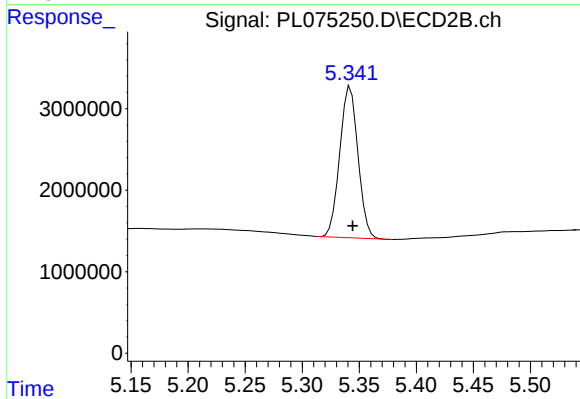
#1 Tetrachloro-m-xylene

R.T.: 4.641 min
Delta R.T.: -0.001 min
Response: 33000399
Conc: 20.83 ng/ml



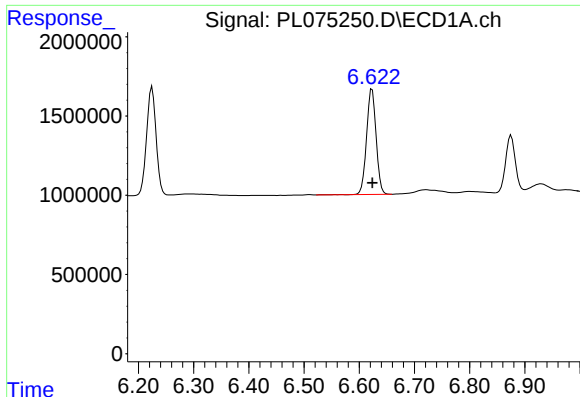
#2 alpha-BHC

R.T.: 6.225 min
Delta R.T.: 0.000 min
Response: 8163359
Conc: 9.89 ng/ml



#2 alpha-BHC

R.T.: 5.342 min
Delta R.T.: -0.002 min
Response: 20641721
Conc: 9.54 ng/ml



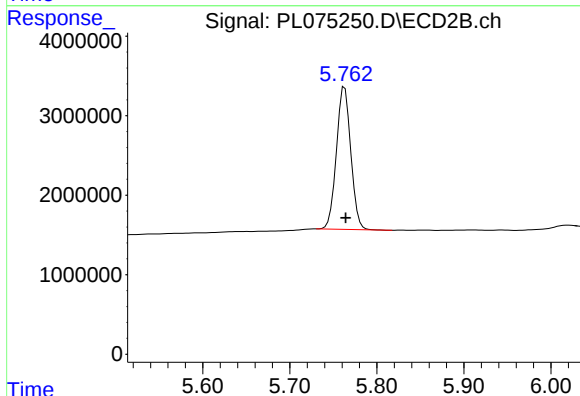
#3 gamma-BHC (Lindane)

R.T.: 6.623 min
Delta R.T.: 0.000 min
Response: 7985698
Conc: 10.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

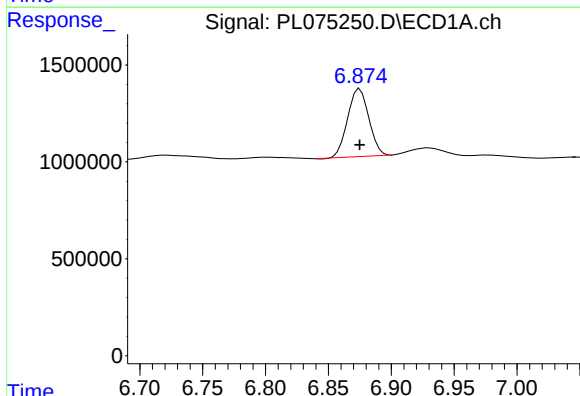
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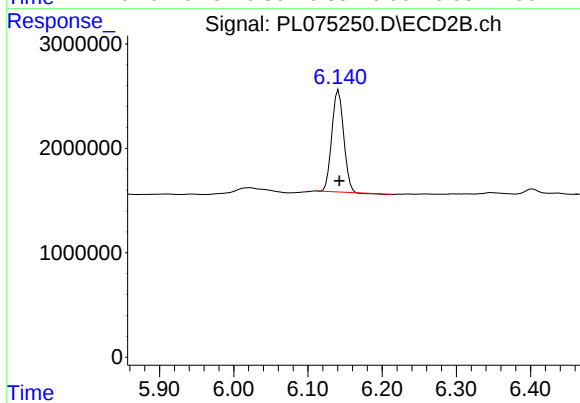
#3 gamma-BHC (Lindane)

R.T.: 5.763 min
Delta R.T.: -0.001 min
Response: 20641187
Conc: 9.83 ng/ml



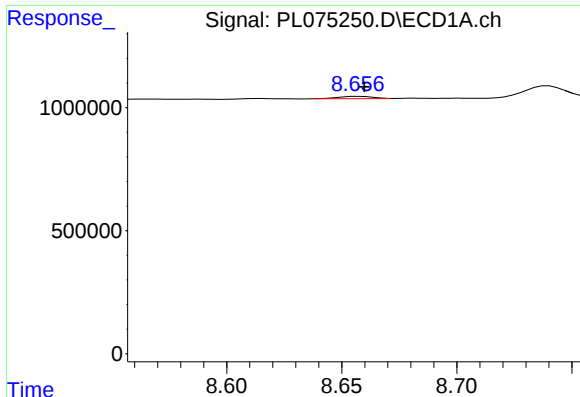
#6 beta-BHC

R.T.: 6.875 min
Delta R.T.: 0.000 min
Response: 4094641
Conc: 11.00 ng/ml



#6 beta-BHC

R.T.: 6.141 min
Delta R.T.: -0.001 min
Response: 10814460
Conc: 11.14 ng/ml



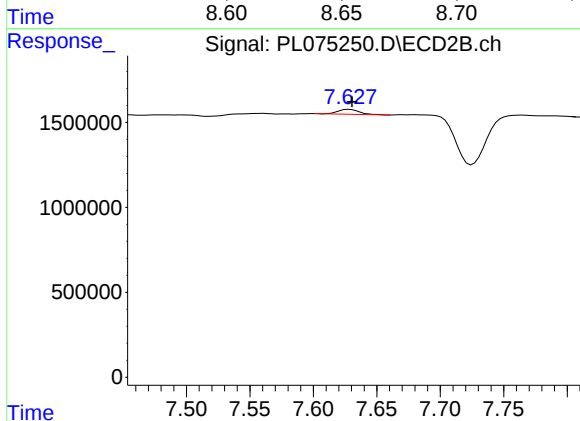
#12 4,4'-DDE

R.T.: 8.656 min
Delta R.T.: -0.004 min
Response: 96546
Conc: 0.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

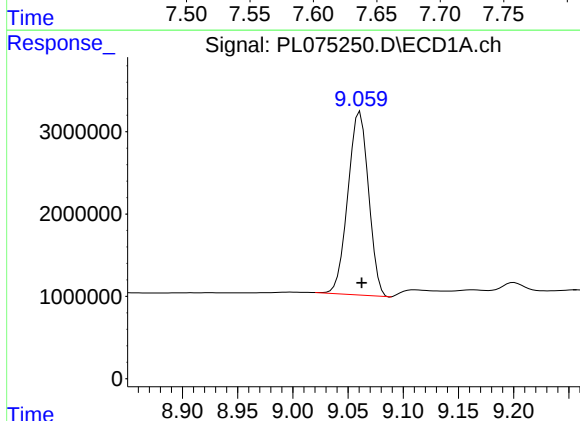
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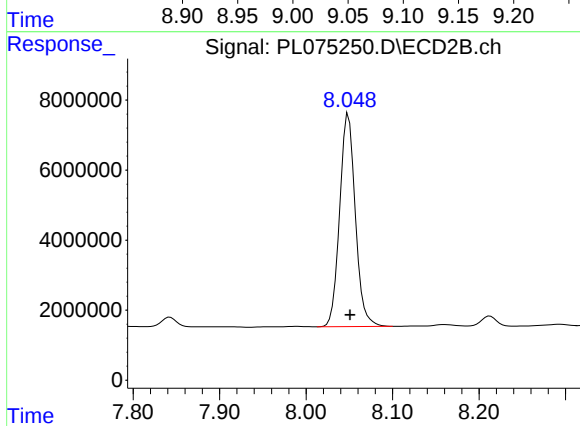
#12 4,4'-DDE

R.T.: 7.628 min
Delta R.T.: -0.002 min
Response: 337411
Conc: 0.21 ng/ml



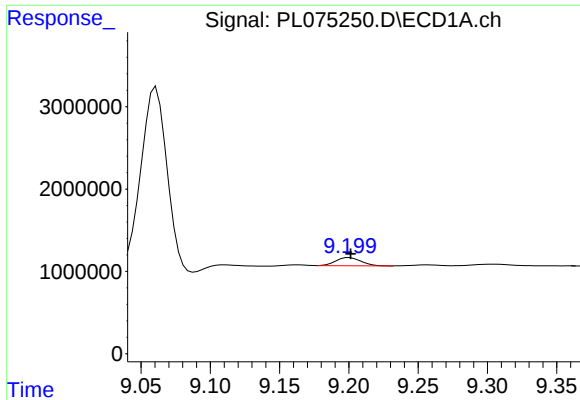
#14 Endrin

R.T.: 9.061 min
Delta R.T.: -0.002 min
Response: 29021204
Conc: 54.65 ng/ml



#14 Endrin

R.T.: 8.049 min
Delta R.T.: -0.002 min
Response: 76084255
Conc: 48.88 ng/ml



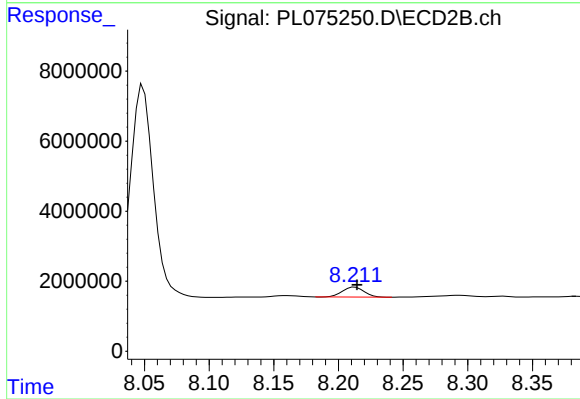
#16 4,4'-DDD

R.T.: 9.200 min
Delta R.T.: -0.001 min
Response: 1259998
Conc: 2.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

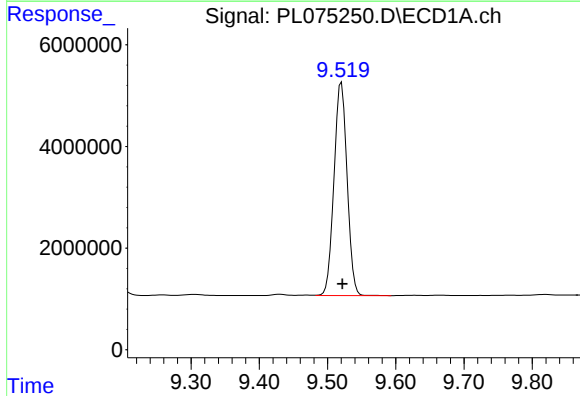
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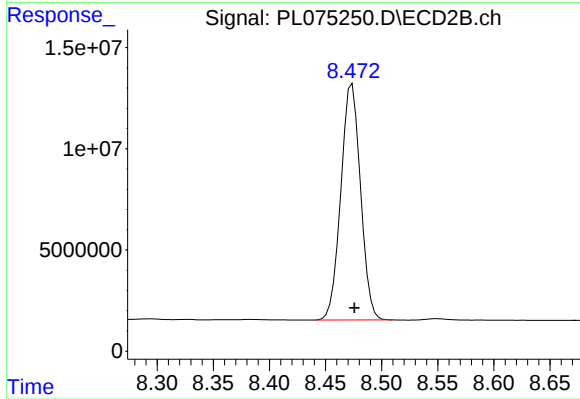
#16 4,4'-DDD

R.T.: 8.213 min
Delta R.T.: -0.002 min
Response: 3334403
Conc: 2.49 ng/ml



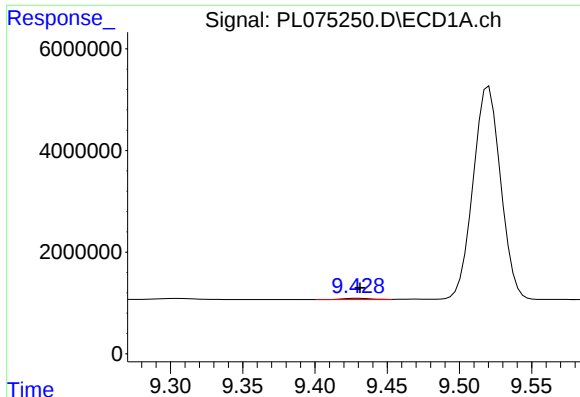
#17 4,4'-DDT

R.T.: 9.520 min
Delta R.T.: -0.001 min
Response: 55944597
Conc: 96.05 ng/ml



#17 4,4'-DDT

R.T.: 8.474 min
Delta R.T.: -0.002 min
Response: 142267905
Conc: 99.48 ng/ml



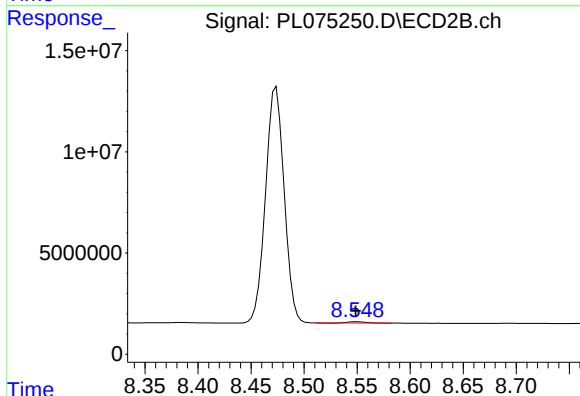
#18 Endrin aldehyde

R.T.: 9.429 min
Delta R.T.: -0.002 min
Response: 359438
Conc: 0.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

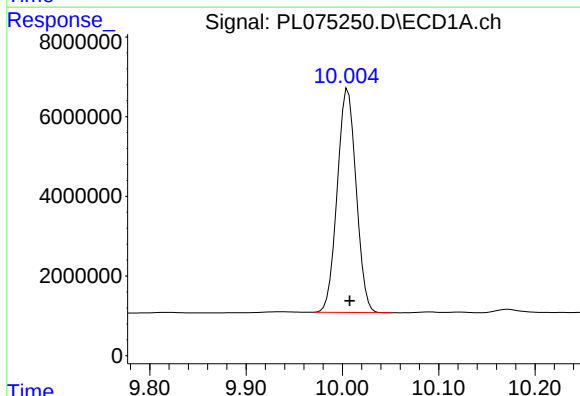
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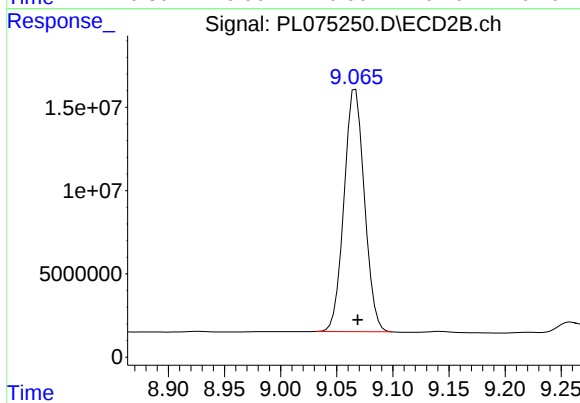
#18 Endrin aldehyde

R.T.: 8.549 min
Delta R.T.: 0.000 min
Response: 736063
Conc: 0.61 ng/ml



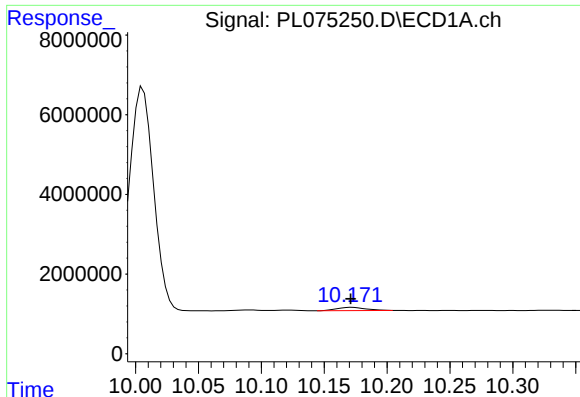
#20 Methoxychlor

R.T.: 10.006 min
Delta R.T.: -0.002 min
Response: 76386440
Conc: 249.40 ng/ml



#20 Methoxychlor

R.T.: 9.067 min
Delta R.T.: -0.002 min
Response: 184071240
Conc: 226.67 ng/ml



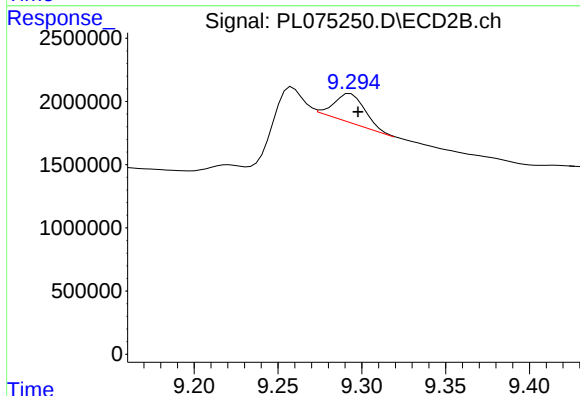
#21 Endrin ketone

R.T.: 10.171 min
Delta R.T.: 0.000 min
Response: 1302768
Conc: 2.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

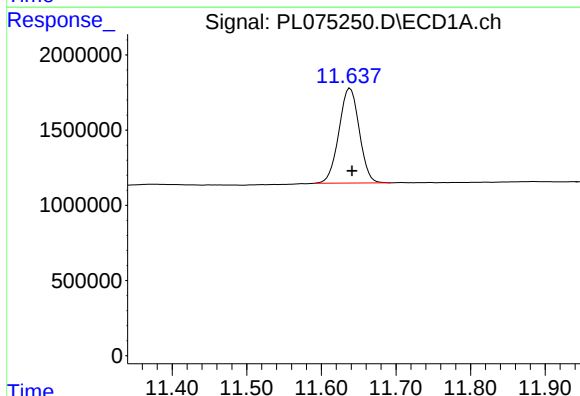
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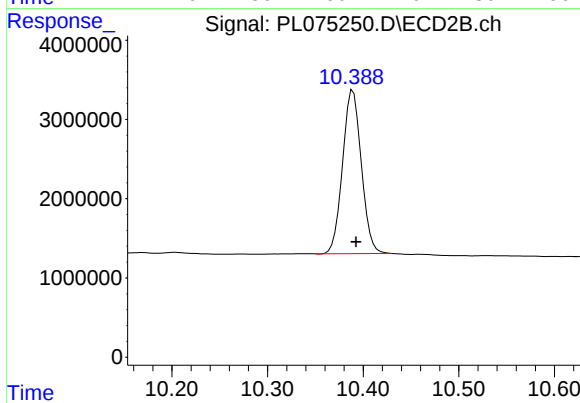
#21 Endrin ketone

R.T.: 9.294 min
Delta R.T.: -0.004 min
Response: 2847422
Conc: 1.78 ng/ml m



#28 Decachlorobiphenyl

R.T.: 11.639 min
Delta R.T.: -0.002 min
Response: 11904049
Conc: 22.20 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.389 min
Delta R.T.: -0.003 min
Response: 28235466
Conc: 20.58 ng/ml