

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL060622\
 Data File : PL075584.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Jun 2022 01:24
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 06/08/2022
 Supervised By : Ankita Jodhani 06/09/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 07 04:38:33 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL060622.M
 Quant Title : GC Extractables
 QLast Update : Tue Jun 07 02:04:29 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...	5.641	4.639	13407211	32098937	19.866	19.127
28)	SA Decachlor...	11.635	10.382	12888265	28926121	21.052	20.530
Target Compounds							
2)	A alpha-BHC	6.225	5.340	8315503	19783252	8.847	8.737
3)	MA gamma-BHC...	6.624	5.761	7958692	19526373	9.067	9.004
6)	B beta-BHC	6.876	6.138	4007121	9618152	9.764	9.799m
12)	B 4,4'-DDE	8.655	7.625	134933	158559	0.204m	0.099m#
14)	MA Endrin	9.060	8.044	29502021	65829375	49.758	48.152
16)	A 4,4'-DDD	9.199	8.208	469028	1312842	0.857	0.998
17)	MA 4,4'-DDT	9.519	8.469	60481494	132.0E6	94.417	93.929
18)	B Endrin al...	9.428	8.542	566760	849206	1.107m	0.754m#
20)	A Methoxychlor	10.004	9.062	82101824	181.2E6	229.353	222.447
21)	B Endrin ke...	10.172	9.289	1505460	1997238	2.141	1.237 #

(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

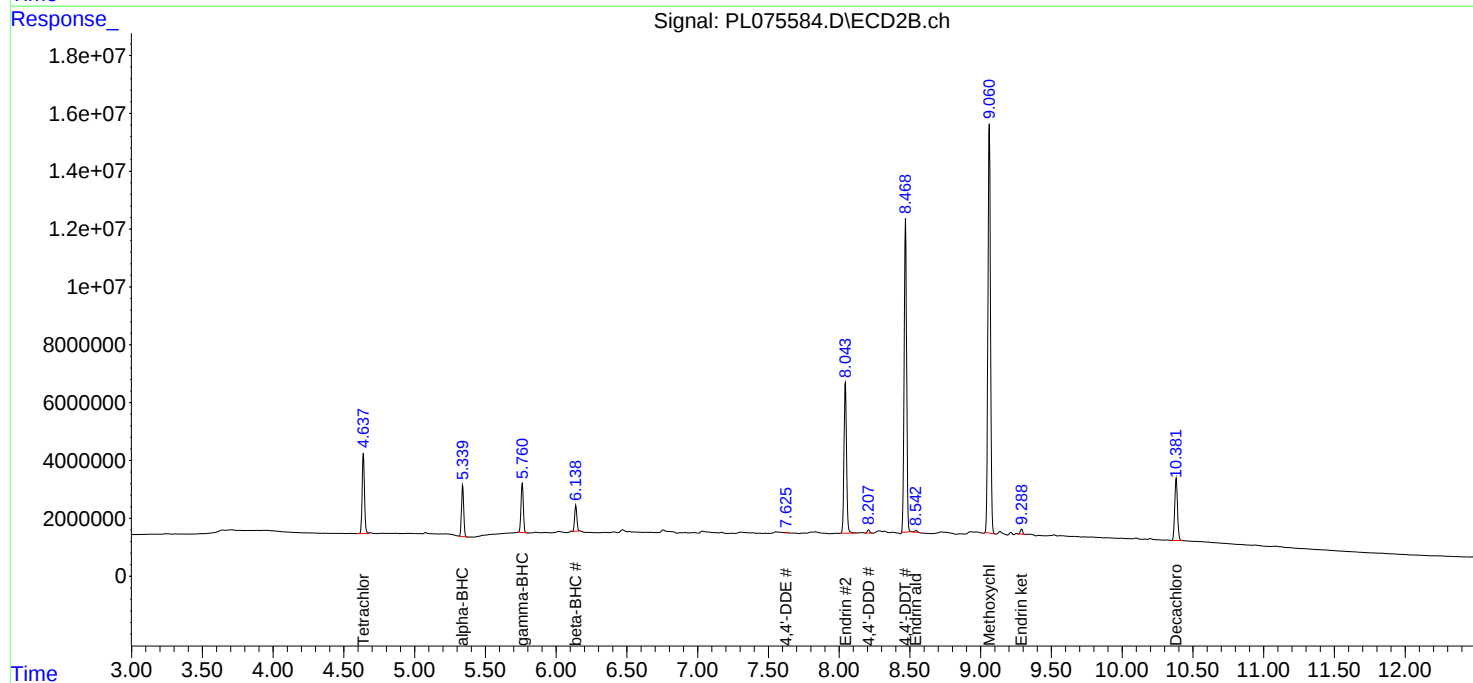
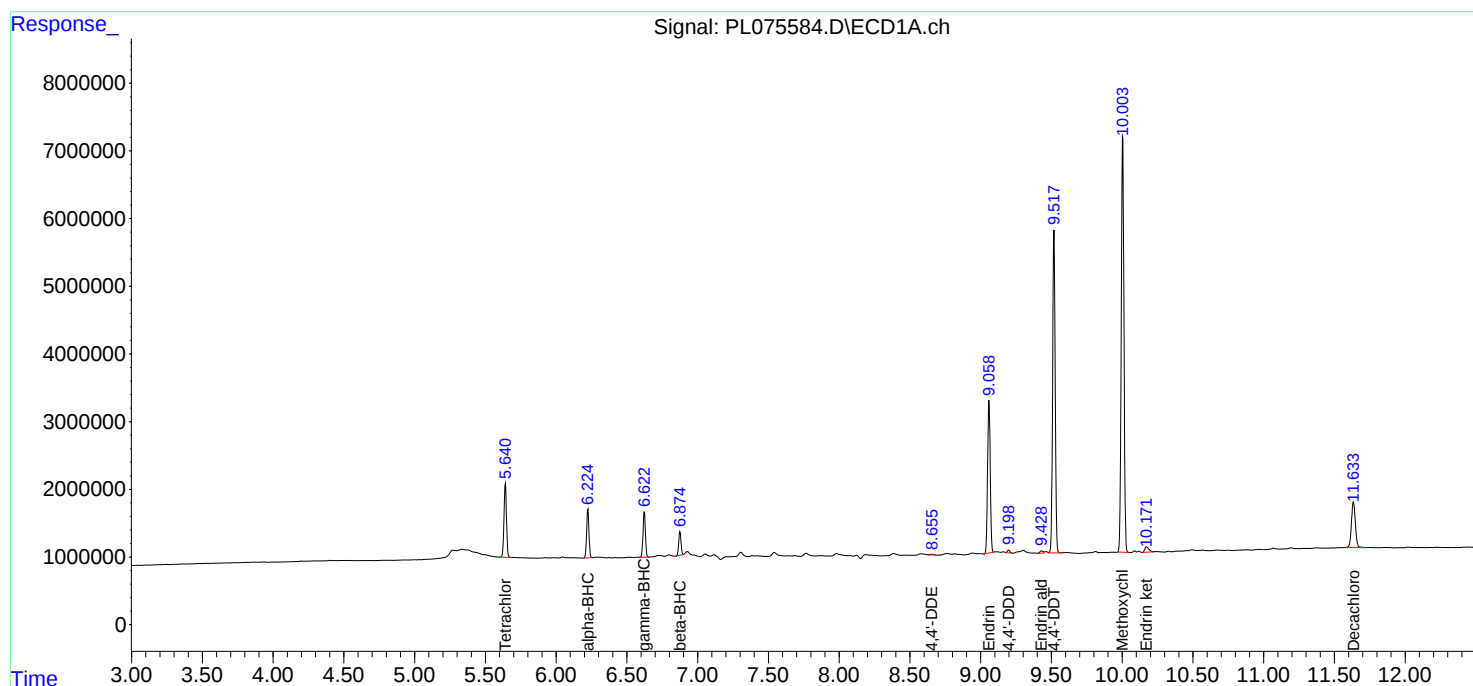
Instrument :
ECD_L
ClientSampleId :
PEM

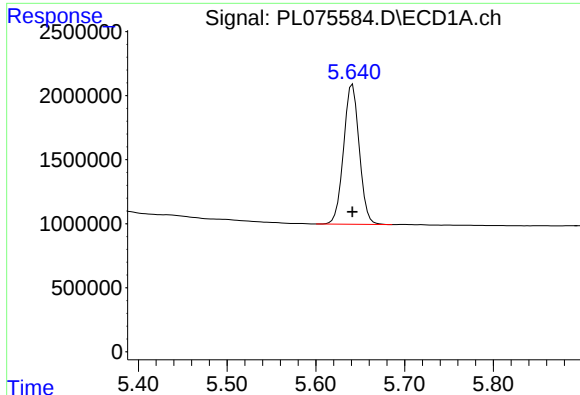
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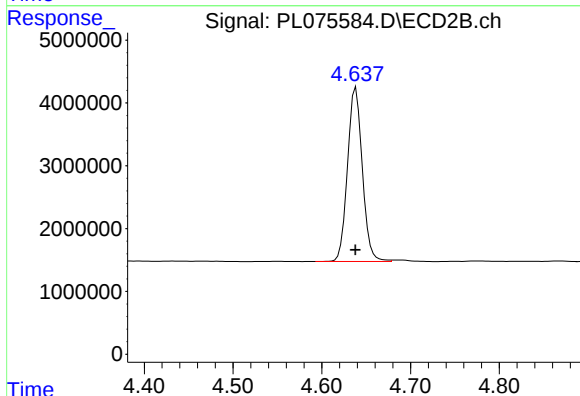
#1 Tetrachloro-m-xylene

R.T.: 5.641 min
Delta R.T.: 0.000 min
Response: 13407211
Conc: 19.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

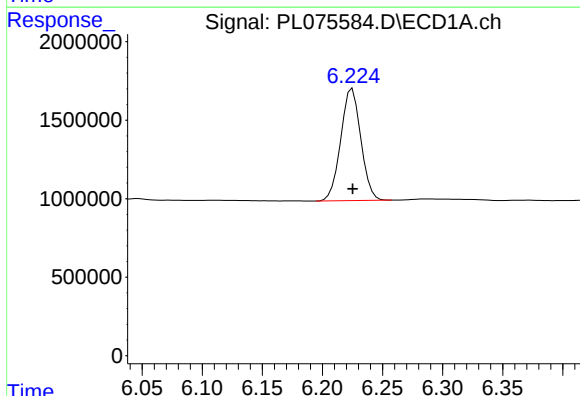
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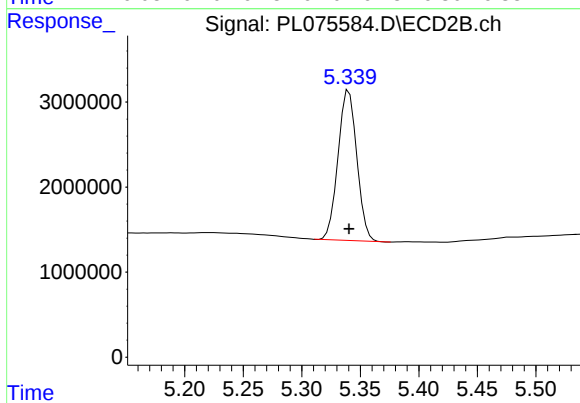
#1 Tetrachloro-m-xylene

R.T.: 4.639 min
Delta R.T.: 0.000 min
Response: 32098937
Conc: 19.13 ng/ml



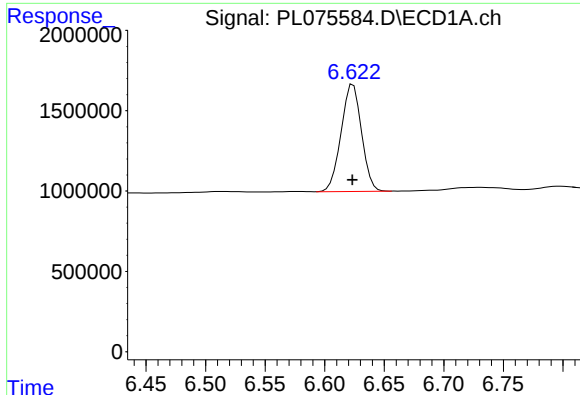
#2 alpha-BHC

R.T.: 6.225 min
Delta R.T.: 0.000 min
Response: 8315503
Conc: 8.85 ng/ml



#2 alpha-BHC

R.T.: 5.340 min
Delta R.T.: 0.000 min
Response: 19783252
Conc: 8.74 ng/ml



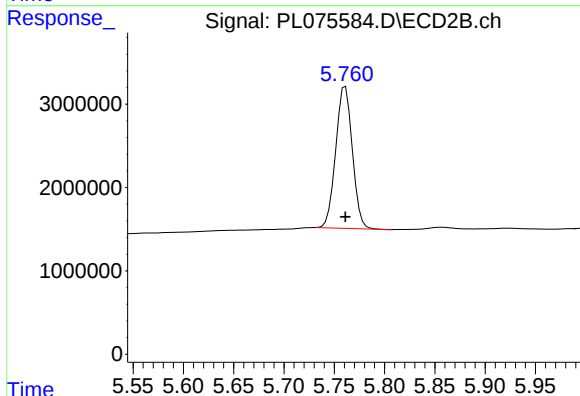
#3 gamma-BHC (Lindane)

R.T.: 6.624 min
Delta R.T.: 0.000 min
Response: 7958692
Conc: 9.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

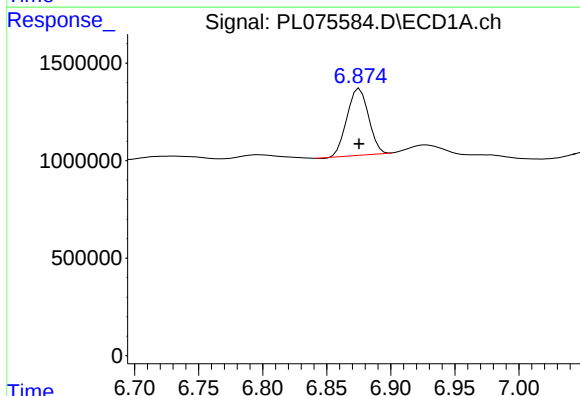
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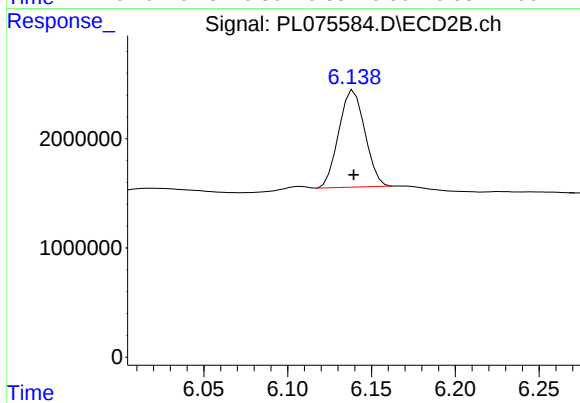
#3 gamma-BHC (Lindane)

R.T.: 5.761 min
Delta R.T.: 0.000 min
Response: 19526373
Conc: 9.00 ng/ml



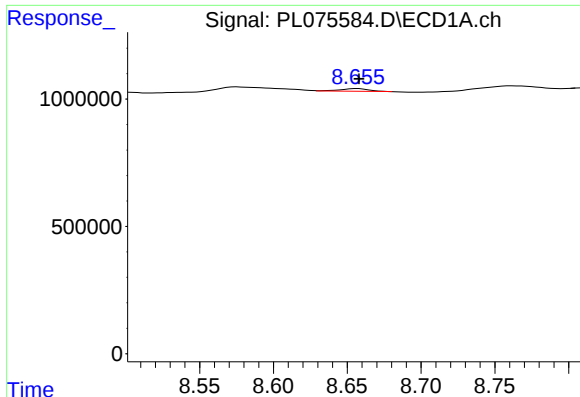
#6 beta-BHC

R.T.: 6.876 min
Delta R.T.: 0.000 min
Response: 4007121
Conc: 9.76 ng/ml



#6 beta-BHC

R.T.: 6.138 min
Delta R.T.: -0.001 min
Response: 9618152
Conc: 9.80 ng/ml m



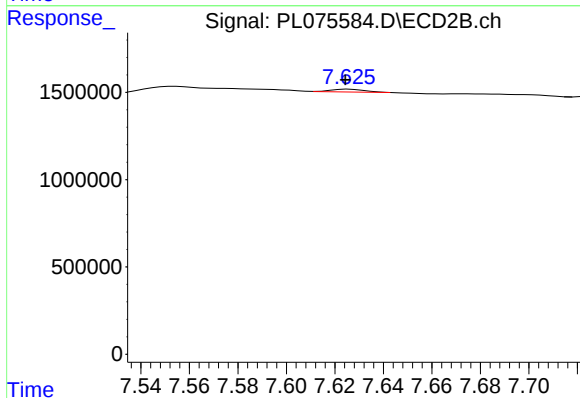
#12 4,4'-DDE

R.T.: 8.655 min
Delta R.T.: -0.002 min
Response: 134933
Conc: 0.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#12 4,4'-DDE

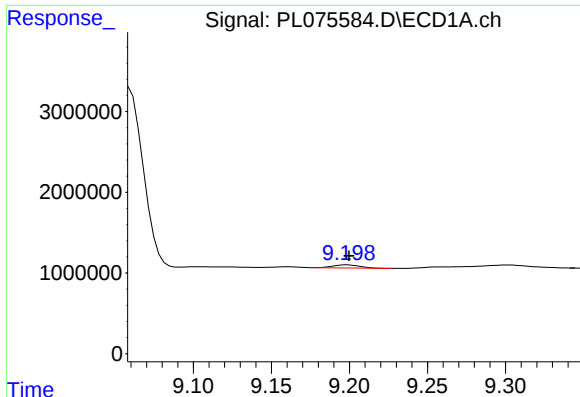
R.T.: 7.625 min
Delta R.T.: 0.000 min
Response: 158559
Conc: 0.10 ng/ml m

#14 Endrin

R.T.: 9.060 min
Delta R.T.: 0.000 min
Response: 29502021
Conc: 49.76 ng/ml

#14 Endrin

R.T.: 8.044 min
Delta R.T.: 0.000 min
Response: 65829375
Conc: 48.15 ng/ml



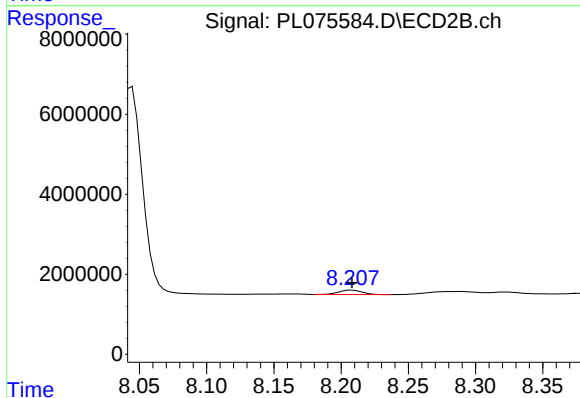
#16 4,4'-DDD

R.T.: 9.199 min
Delta R.T.: 0.000 min
Response: 469028
Conc: 0.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

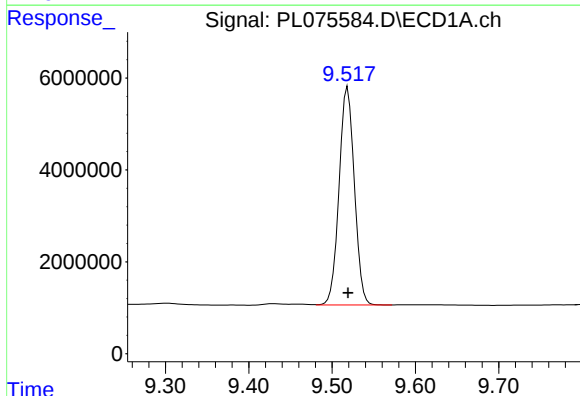
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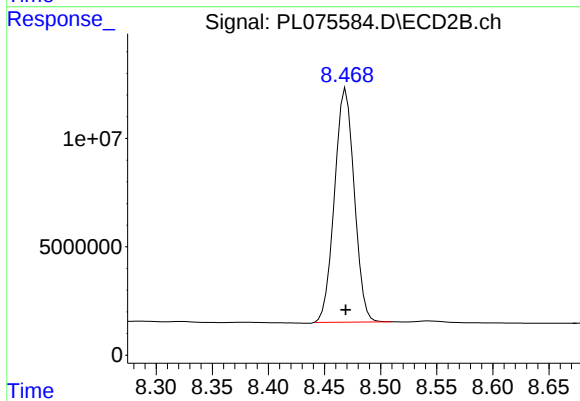
#16 4,4'-DDD

R.T.: 8.208 min
Delta R.T.: 0.000 min
Response: 1312842
Conc: 1.00 ng/ml



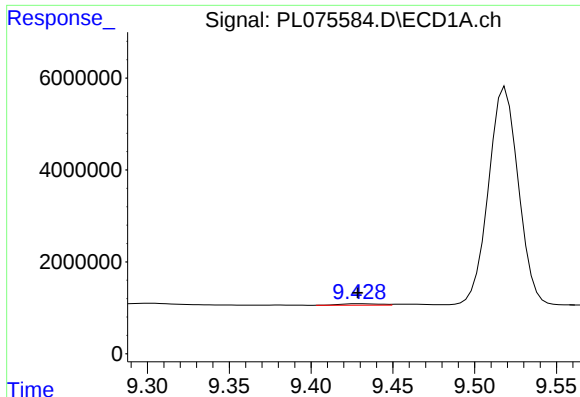
#17 4,4'-DDT

R.T.: 9.519 min
Delta R.T.: 0.000 min
Response: 60481494
Conc: 94.42 ng/ml



#17 4,4'-DDT

R.T.: 8.469 min
Delta R.T.: 0.000 min
Response: 132042157
Conc: 93.93 ng/ml



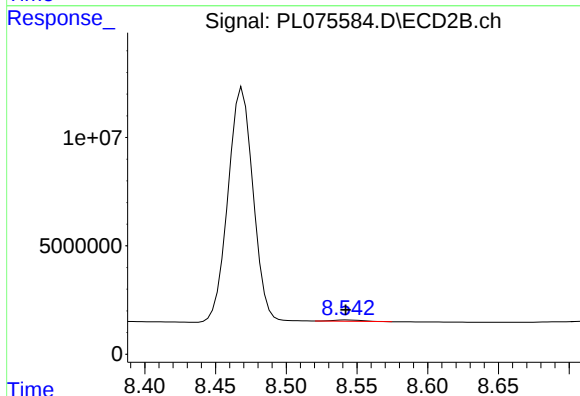
#18 Endrin aldehyde

R.T.: 9.428 min
Delta R.T.: 0.000 min
Response: 566760
Conc: 1.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

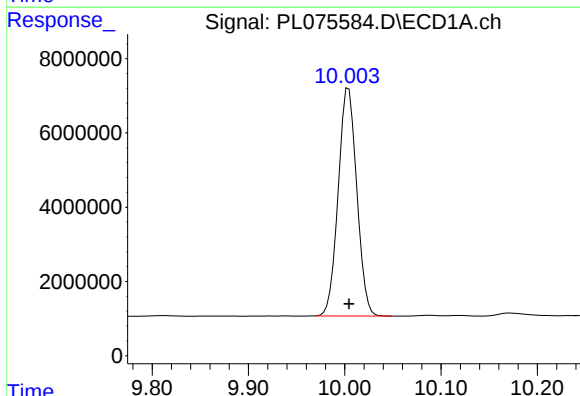
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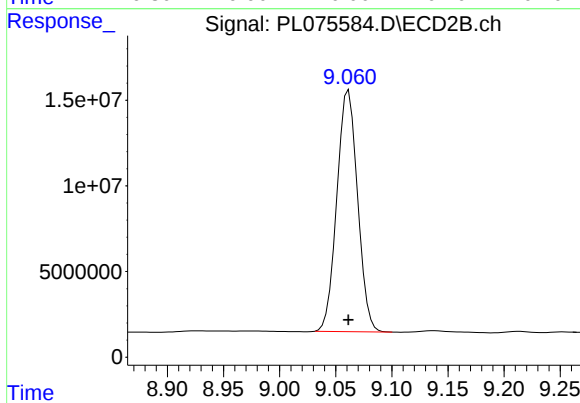
#18 Endrin aldehyde

R.T.: 8.542 min
Delta R.T.: 0.000 min
Response: 849206
Conc: 0.75 ng/ml m



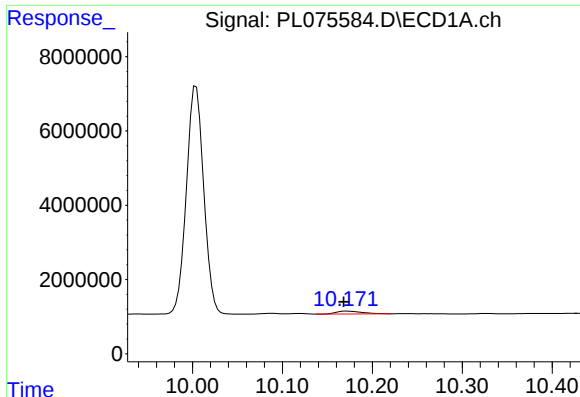
#20 Methoxychlor

R.T.: 10.004 min
Delta R.T.: 0.000 min
Response: 82101824
Conc: 229.35 ng/ml



#20 Methoxychlor

R.T.: 9.062 min
Delta R.T.: 0.000 min
Response: 181215950
Conc: 222.45 ng/ml



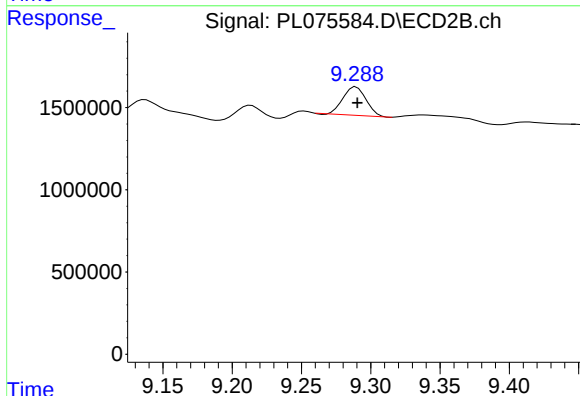
#21 Endrin ketone

R.T.: 10.172 min
Delta R.T.: 0.004 min
Response: 1505460
Conc: 2.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

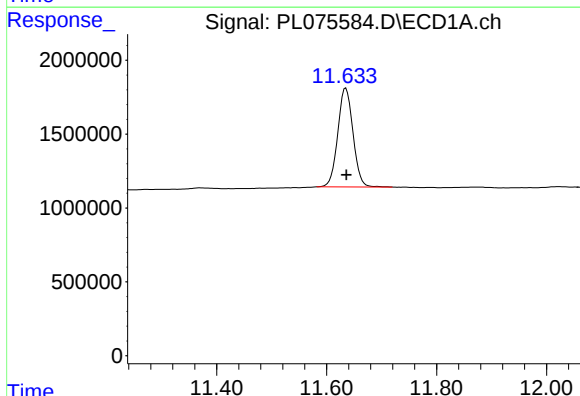
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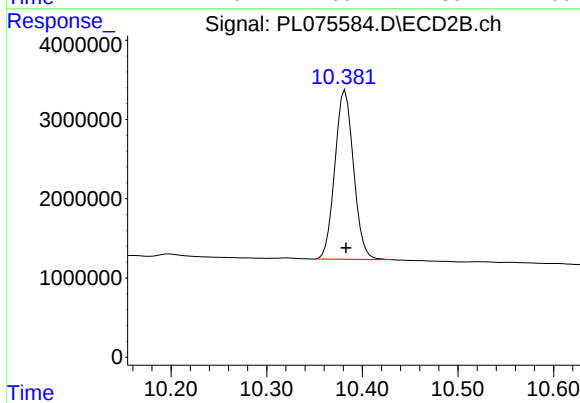
#21 Endrin ketone

R.T.: 9.289 min
Delta R.T.: 0.000 min
Response: 1997238
Conc: 1.24 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.635 min
Delta R.T.: -0.001 min
Response: 12888265
Conc: 21.05 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.382 min
Delta R.T.: -0.001 min
Response: 28926121
Conc: 20.53 ng/ml