

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL060322\
 Data File : PL075488.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Jun 2022 23:33
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

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

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 04 00:48:07 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL052822.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 01 10:19:11 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...	5.644	4.642	12091460	31265829	20.573	19.737
28)	SA Decachlor...	11.640	10.387	11341993	26776278	21.153	19.512
Target Compounds							
2)	A alpha-BHC	6.227	5.343	7499153	19321777	9.087	8.928
3)	MA gamma-BHC...	6.626	5.764	7160066	19131818	9.148	9.110
6)	B beta-BHC	6.877	6.142	3679710	9594428	9.884	9.885
12)	B 4,4'-DDE	8.658	7.627	97854	335846	0.168m	0.206
14)	MA Endrin	9.062	8.048	25713940	65500575	48.423	42.077
16)	A 4,4'-DDD	9.201	8.211	2037835	5081814	4.120	3.802
17)	MA 4,4'-DDT	9.521	8.472	49549108	123.0E6	85.067	85.993
18)	B Endrin al...	9.431	8.545	567488	1472238	1.291	1.221m
20)	A Methoxychlor	10.007	9.066	68608573	163.0E6	224.002	200.781
21)	B Endrin ke...	10.172	9.294	1723083	3843306	2.807	2.403

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

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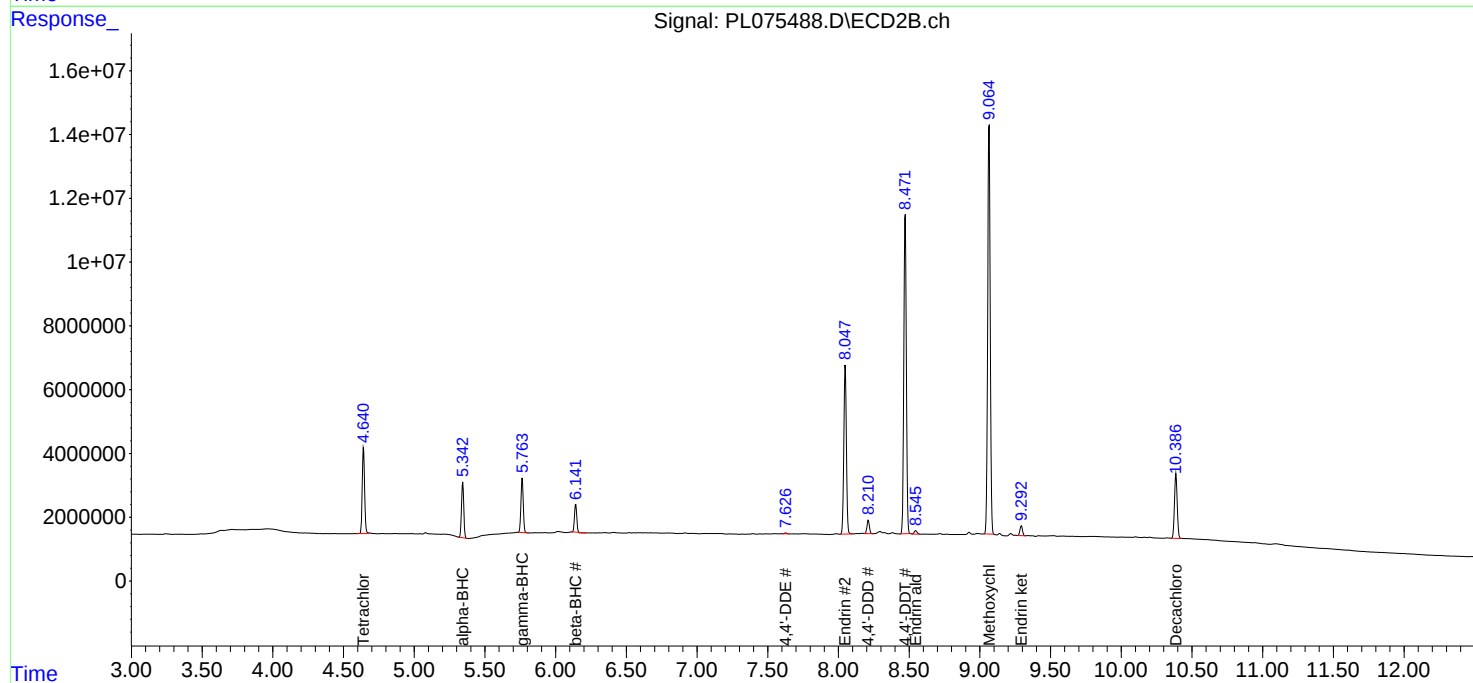
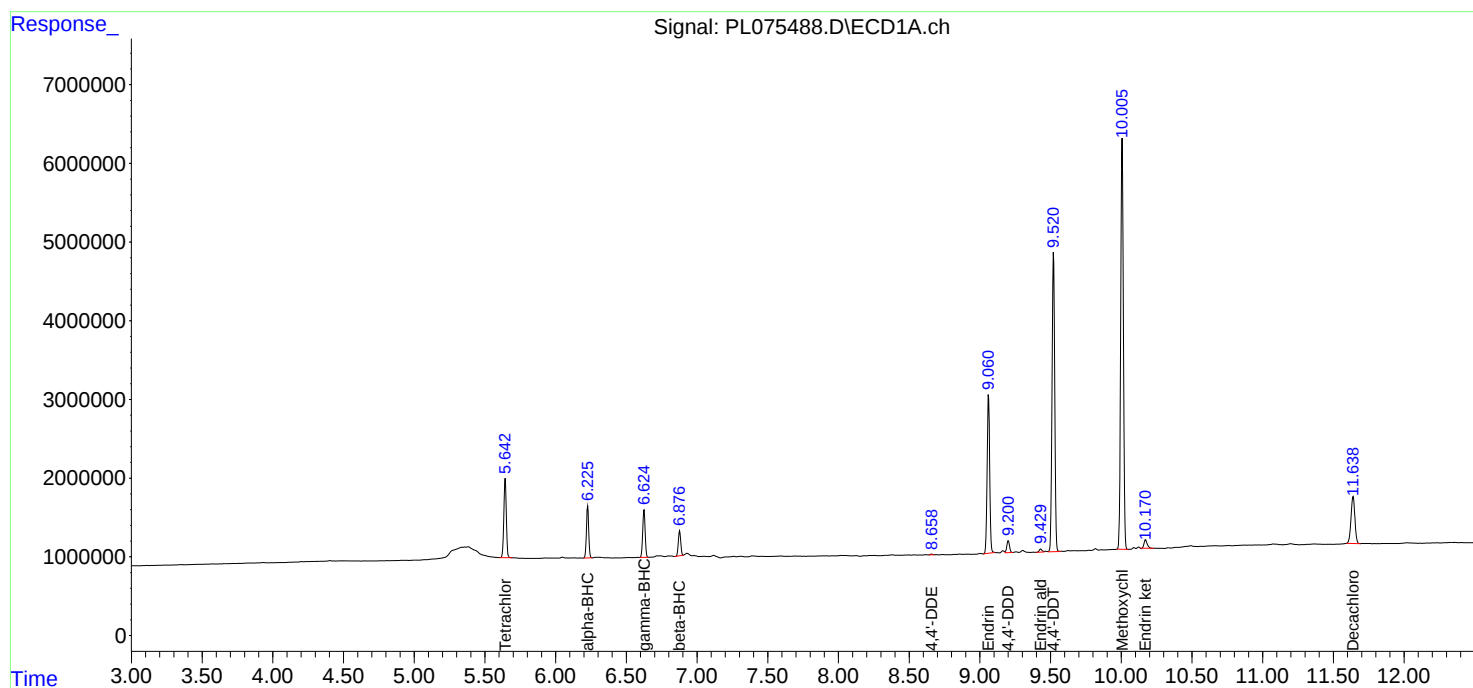
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ECD_L
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PEM

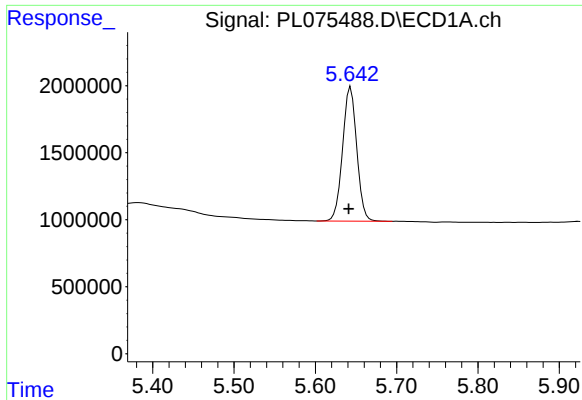
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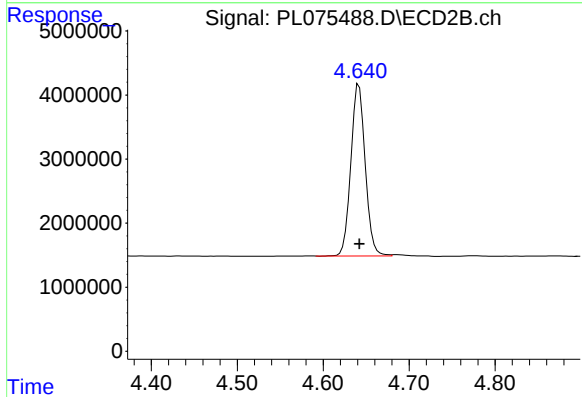
#1 Tetrachloro-m-xylene

R.T.: 5.644 min
Delta R.T.: 0.003 min
Response: 12091460
Conc: 20.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

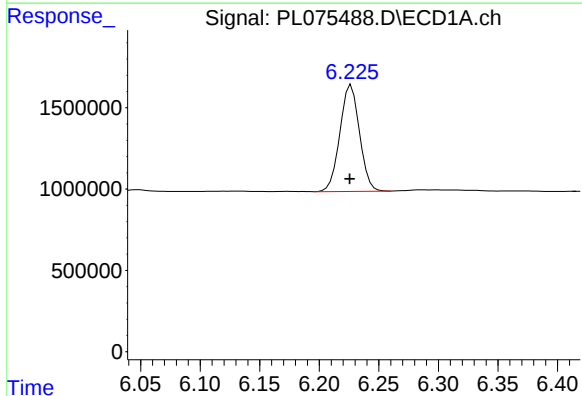
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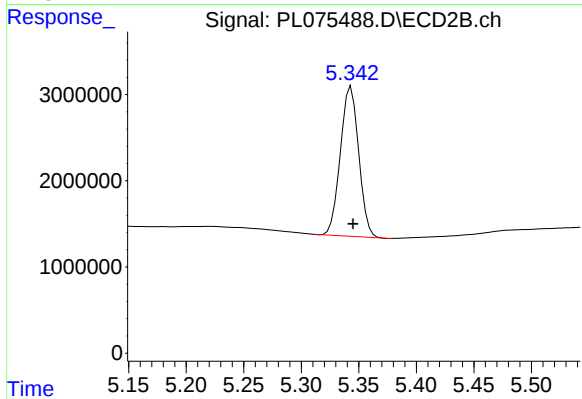
#1 Tetrachloro-m-xylene

R.T.: 4.642 min
Delta R.T.: 0.000 min
Response: 31265829
Conc: 19.74 ng/ml



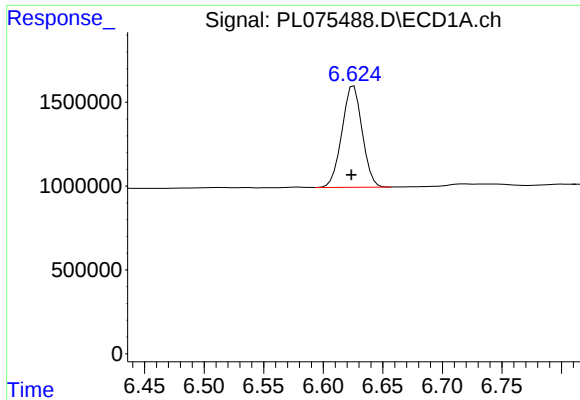
#2 alpha-BHC

R.T.: 6.227 min
Delta R.T.: 0.001 min
Response: 7499153
Conc: 9.09 ng/ml



#2 alpha-BHC

R.T.: 5.343 min
Delta R.T.: -0.002 min
Response: 19321777
Conc: 8.93 ng/ml



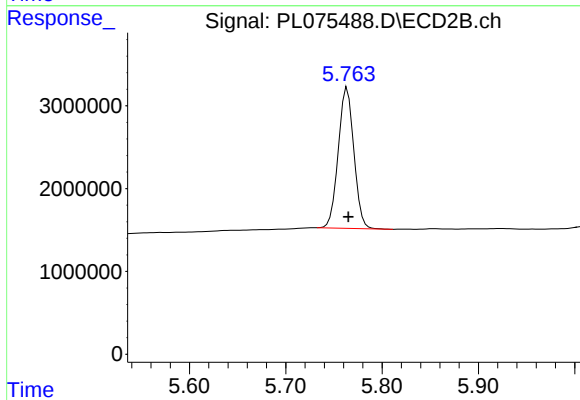
#3 gamma-BHC (Lindane)

R.T.: 6.626 min
Delta R.T.: 0.002 min
Response: 7160066
Conc: 9.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

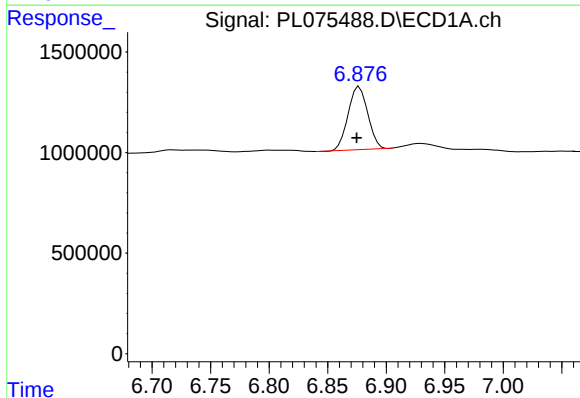
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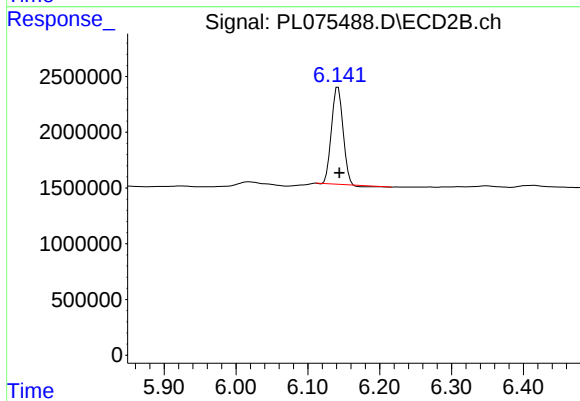
#3 gamma-BHC (Lindane)

R.T.: 5.764 min
Delta R.T.: -0.001 min
Response: 19131818
Conc: 9.11 ng/ml



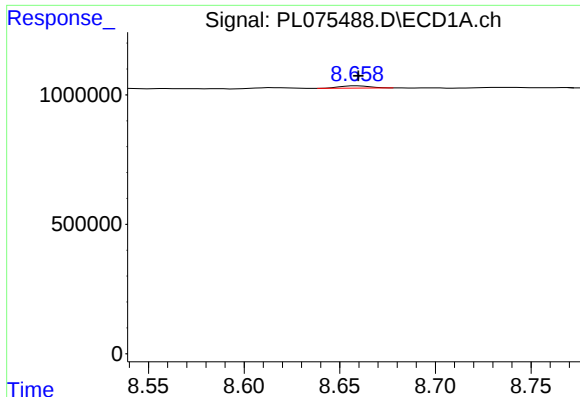
#6 beta-BHC

R.T.: 6.877 min
Delta R.T.: 0.002 min
Response: 3679710
Conc: 9.88 ng/ml



#6 beta-BHC

R.T.: 6.142 min
Delta R.T.: -0.002 min
Response: 9594428
Conc: 9.89 ng/ml



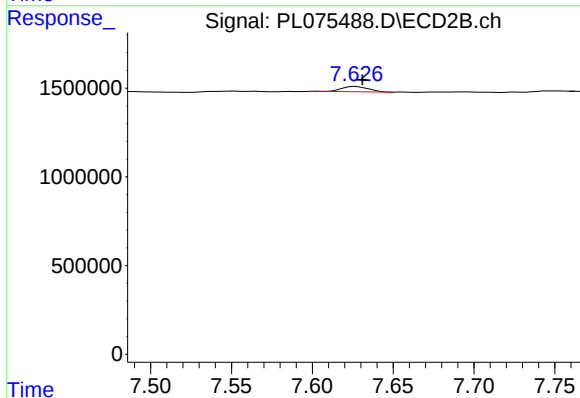
#12 4,4'-DDE

R.T.: 8.658 min
Delta R.T.: -0.002 min
Response: 97854
Conc: 0.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

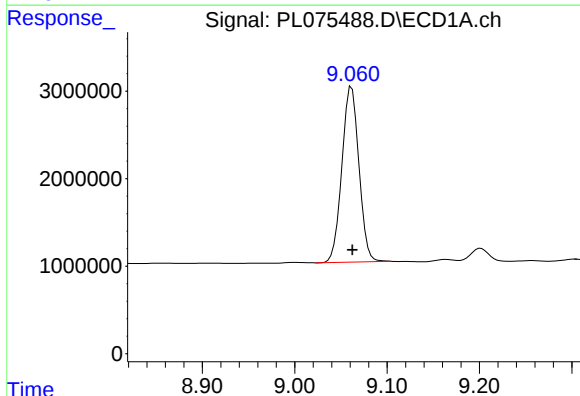
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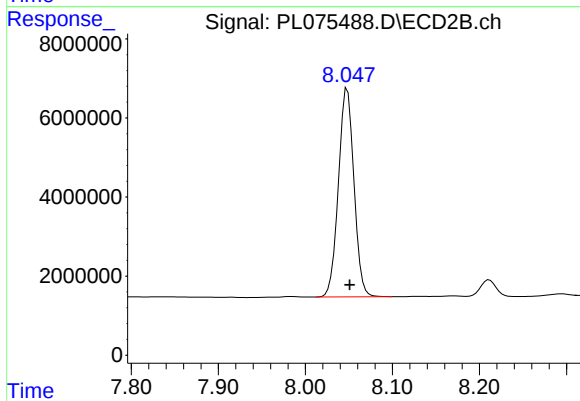
#12 4,4'-DDE

R.T.: 7.627 min
Delta R.T.: -0.004 min
Response: 335846
Conc: 0.21 ng/ml



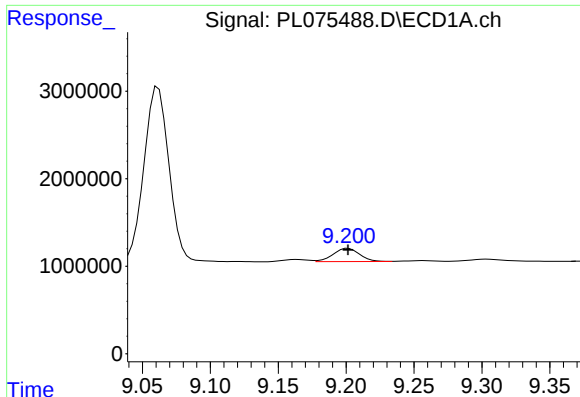
#14 Endrin

R.T.: 9.062 min
Delta R.T.: 0.000 min
Response: 25713940
Conc: 48.42 ng/ml



#14 Endrin

R.T.: 8.048 min
Delta R.T.: -0.003 min
Response: 65500575
Conc: 42.08 ng/ml



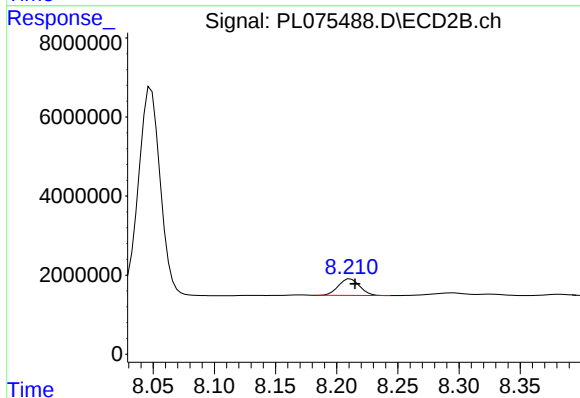
#16 4,4'-DDD

R.T.: 9.201 min
Delta R.T.: 0.000 min
Response: 2037835
Conc: 4.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

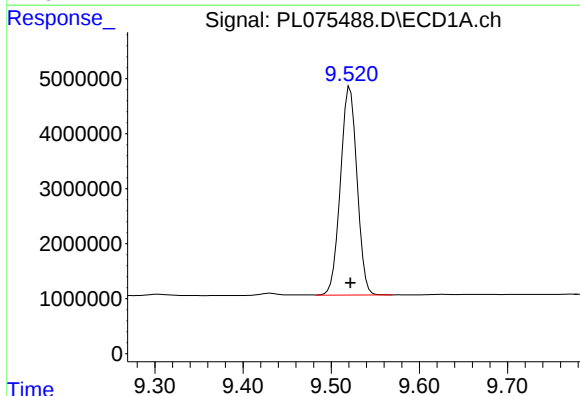
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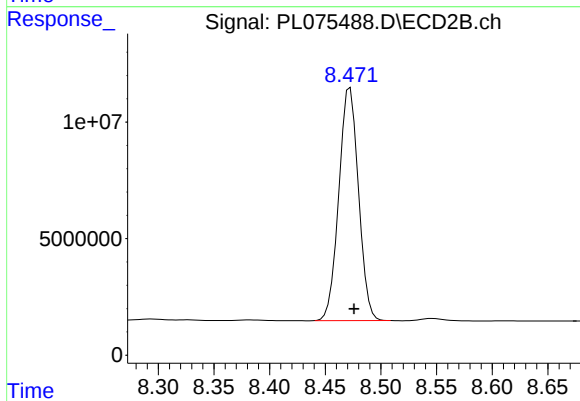
#16 4,4'-DDD

R.T.: 8.211 min
Delta R.T.: -0.004 min
Response: 5081814
Conc: 3.80 ng/ml



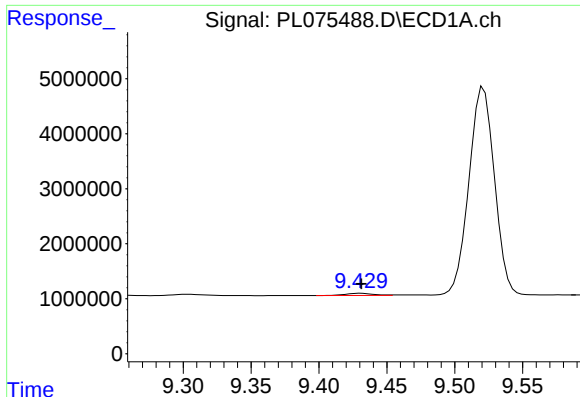
#17 4,4'-DDT

R.T.: 9.521 min
Delta R.T.: 0.000 min
Response: 49549108
Conc: 85.07 ng/ml



#17 4,4'-DDT

R.T.: 8.472 min
Delta R.T.: -0.004 min
Response: 122982668
Conc: 85.99 ng/ml



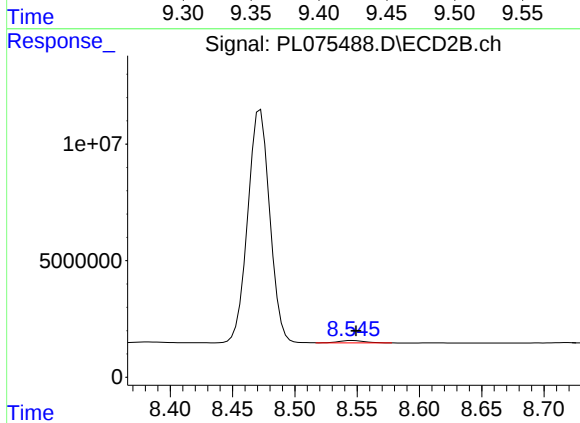
#18 Endrin aldehyde

R.T.: 9.431 min
Delta R.T.: 0.000 min
Response: 567488
Conc: 1.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

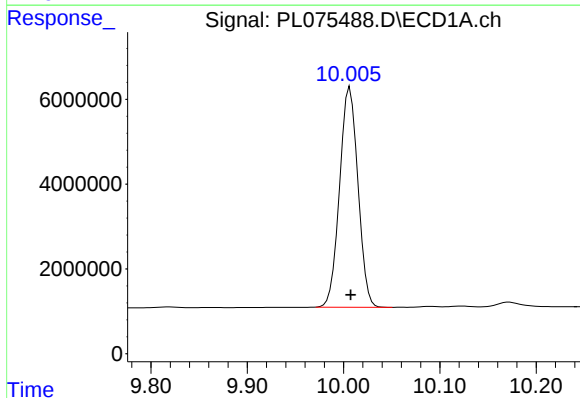
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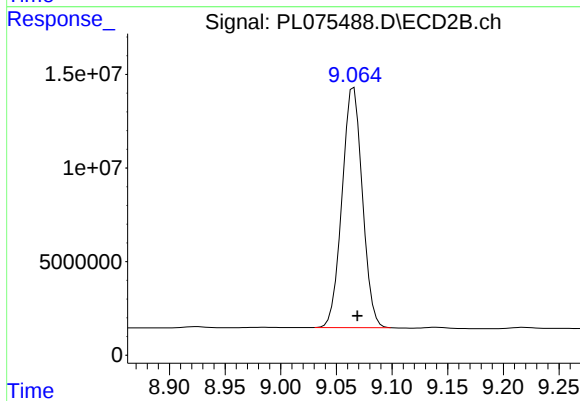
#18 Endrin aldehyde

R.T.: 8.545 min
Delta R.T.: -0.004 min
Response: 1472238
Conc: 1.22 ng/ml m



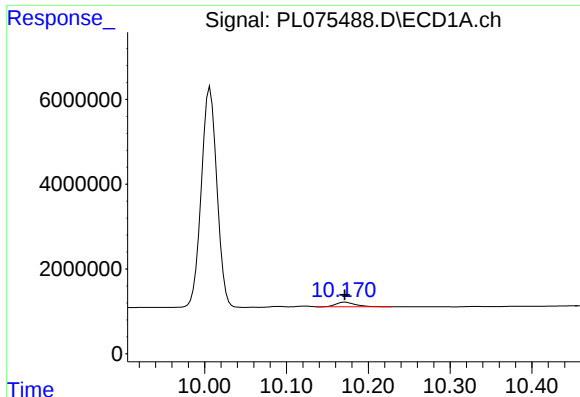
#20 Methoxychlor

R.T.: 10.007 min
Delta R.T.: 0.000 min
Response: 68608573
Conc: 224.00 ng/ml



#20 Methoxychlor

R.T.: 9.066 min
Delta R.T.: -0.003 min
Response: 163044730
Conc: 200.78 ng/ml



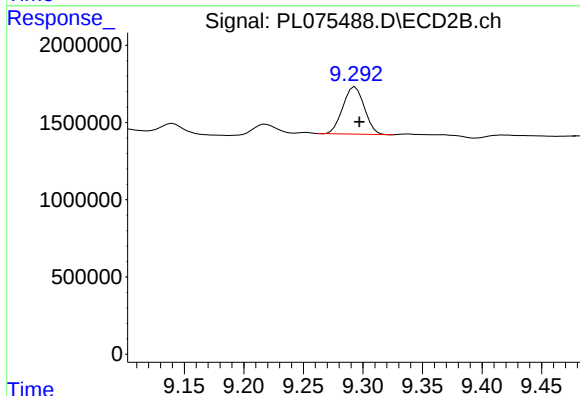
#21 Endrin ketone

R.T.: 10.172 min
Delta R.T.: 0.000 min
Response: 1723083
Conc: 2.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

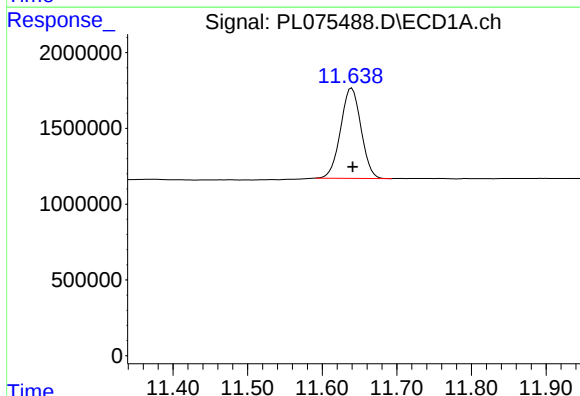
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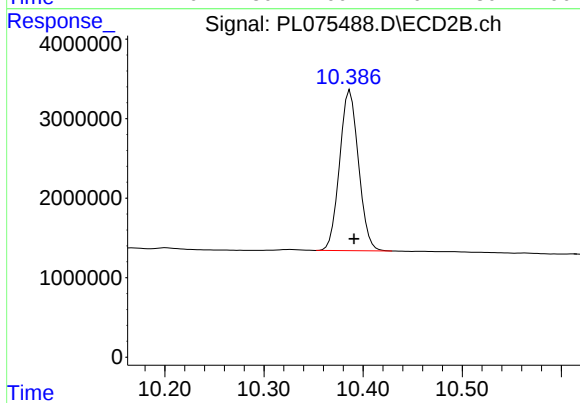
#21 Endrin ketone

R.T.: 9.294 min
Delta R.T.: -0.003 min
Response: 3843306
Conc: 2.40 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.640 min
Delta R.T.: -0.001 min
Response: 11341993
Conc: 21.15 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.387 min
Delta R.T.: -0.004 min
Response: 26776278
Conc: 19.51 ng/ml