

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL060722\
 Data File : PL075589.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Jun 2022 09:32
 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 08 07:10:15 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...	5.642	4.640	13861425	32293961	20.539	19.243
28)	SA Decachlor...	11.636	10.384	13186532	28502167	21.539	20.229
Target Compounds							
2)	A alpha-BHC	6.225	5.341	8704026	19615276	9.260	8.663
3)	MA gamma-BHC...	6.624	5.762	8276188	19768203	9.429	9.116
6)	B beta-BHC	6.875	6.140	4236839	10110270	10.323	10.300
12)	B 4,4'-DDE	8.656	7.624	141963	345357	0.215m	0.216
14)	MA Endrin	9.060	8.045	30717470	68211382	51.808	49.894
16)	A 4,4'-DDD	9.200	8.208	653197	1565637	1.194	1.191
17)	MA 4,4'-DDT	9.519	8.469	61324119	134.8E6	95.732	95.899
18)	B Endrin al...	9.429	8.544	406590	932217	0.794	0.828
20)	A Methoxychlor	10.005	9.062	83026110	175.3E6	231.935	215.211
21)	B Endrin ke...	10.172	9.290	1663846	2436297	2.366	1.509 #

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

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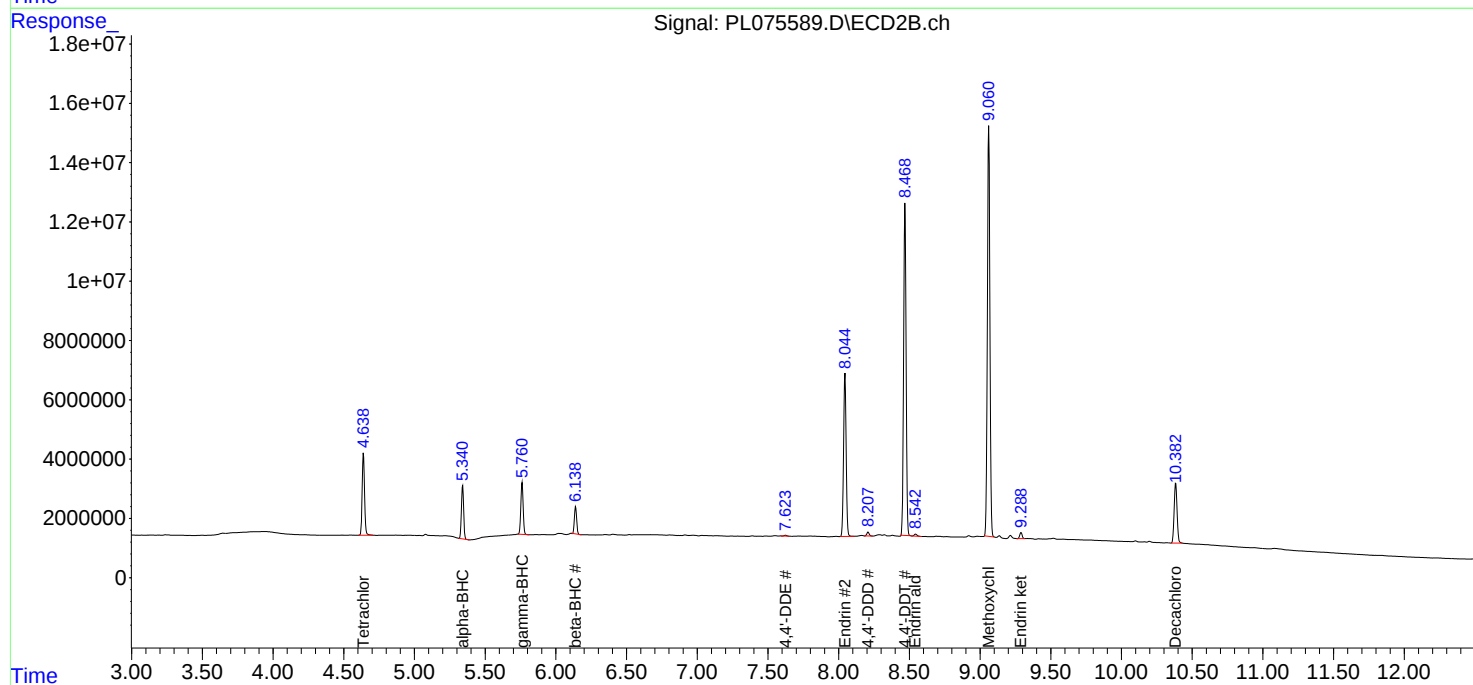
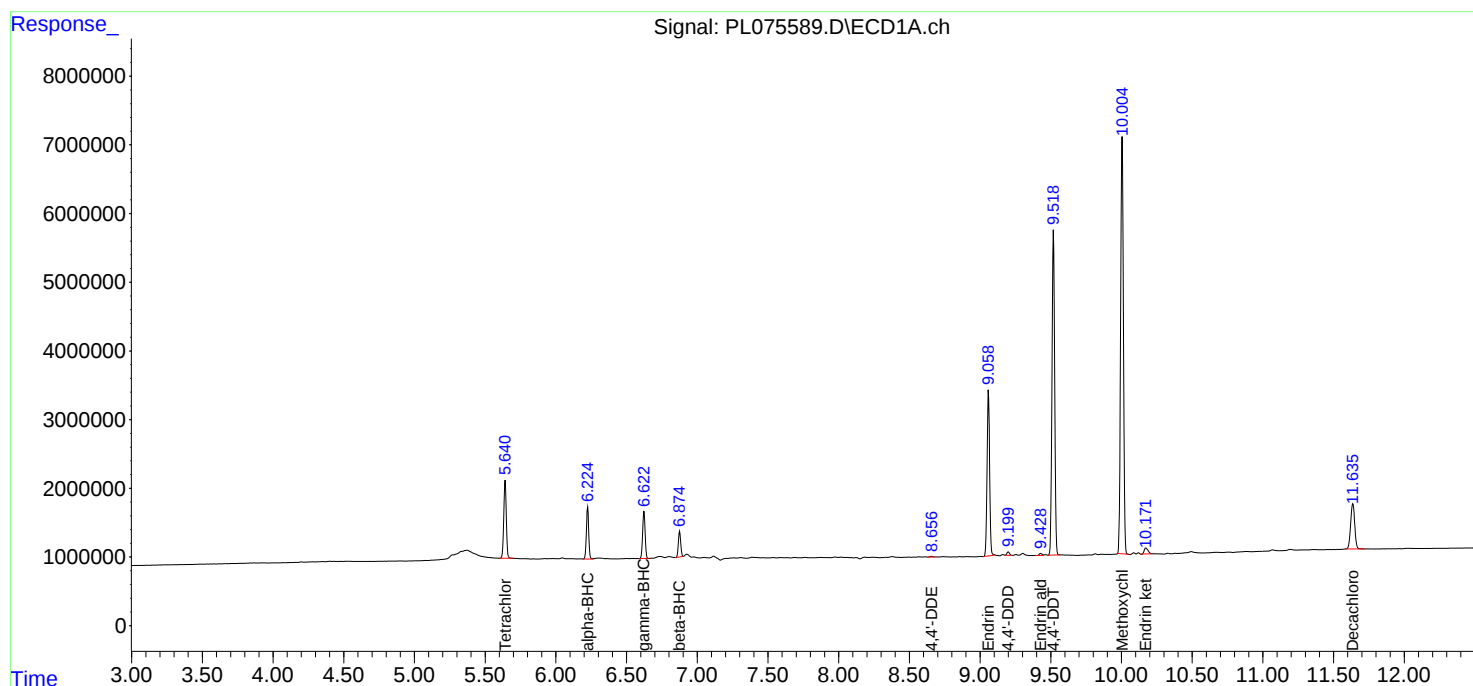
Instrument :
ECD_L
ClientSampleId :
PEM

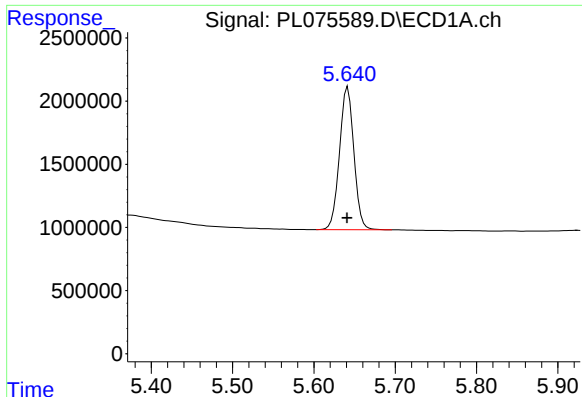
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
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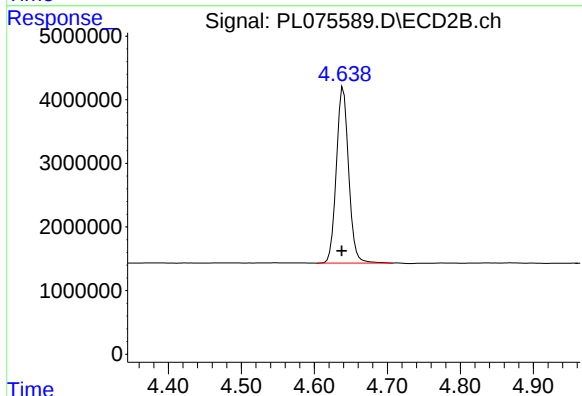
#1 Tetrachloro-m-xylene

R.T.: 5.642 min
Delta R.T.: 0.000 min
Response: 13861425
Conc: 20.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

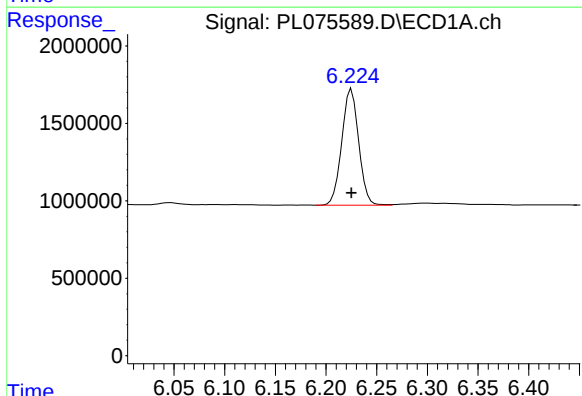
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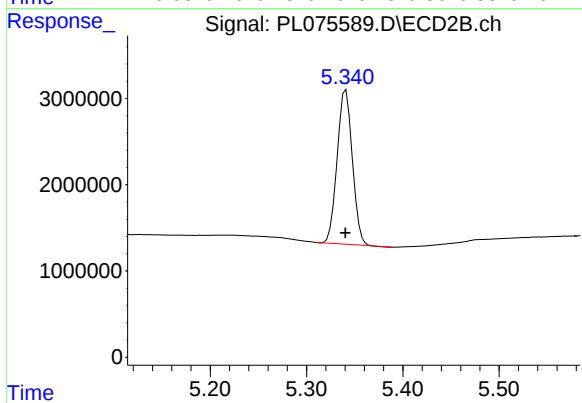
#1 Tetrachloro-m-xylene

R.T.: 4.640 min
Delta R.T.: 0.002 min
Response: 32293961
Conc: 19.24 ng/ml



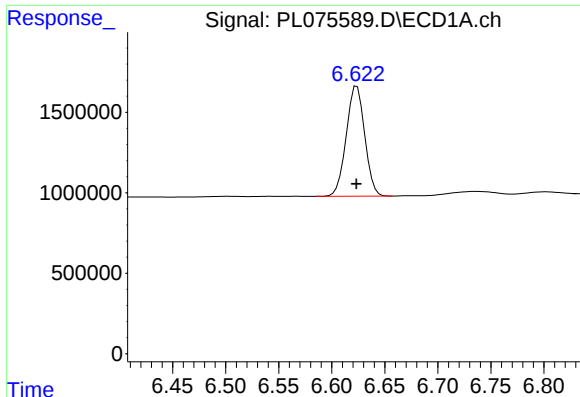
#2 alpha-BHC

R.T.: 6.225 min
Delta R.T.: 0.000 min
Response: 8704026
Conc: 9.26 ng/ml



#2 alpha-BHC

R.T.: 5.341 min
Delta R.T.: 0.000 min
Response: 19615276
Conc: 8.66 ng/ml



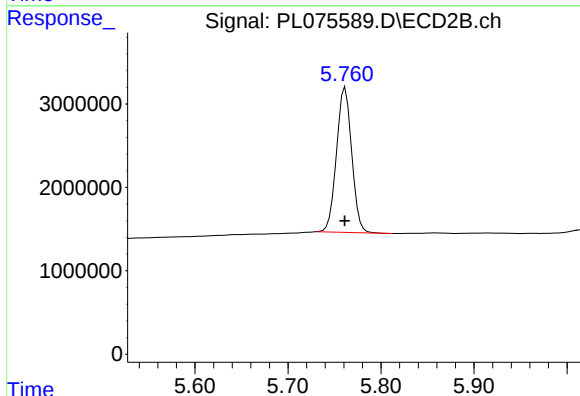
#3 gamma-BHC (Lindane)

R.T.: 6.624 min
Delta R.T.: 0.000 min
Response: 8276188
Conc: 9.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

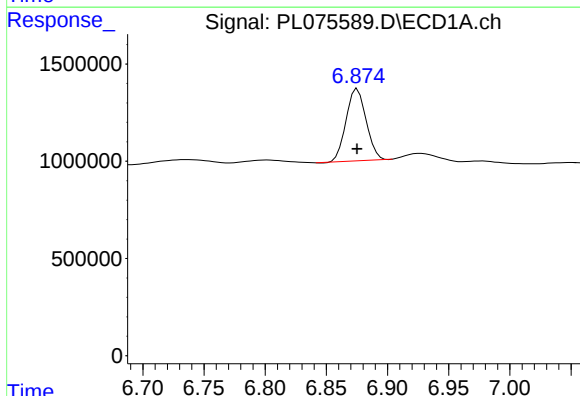
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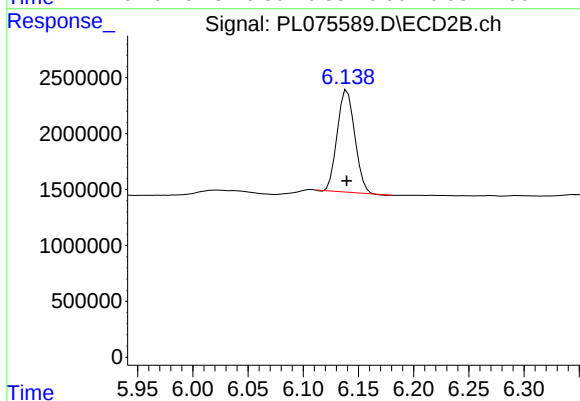
#3 gamma-BHC (Lindane)

R.T.: 5.762 min
Delta R.T.: 0.000 min
Response: 19768203
Conc: 9.12 ng/ml



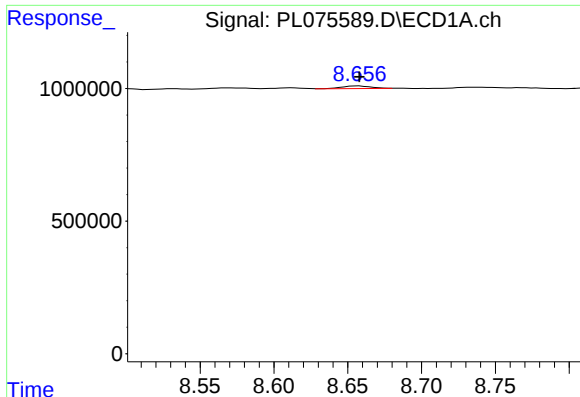
#6 beta-BHC

R.T.: 6.875 min
Delta R.T.: 0.000 min
Response: 4236839
Conc: 10.32 ng/ml



#6 beta-BHC

R.T.: 6.140 min
Delta R.T.: 0.000 min
Response: 10110270
Conc: 10.30 ng/ml



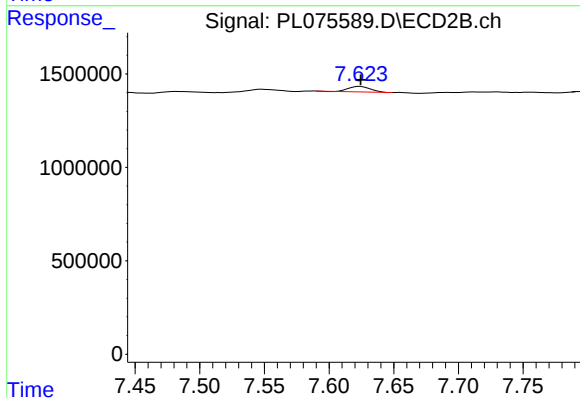
#12 4,4'-DDE

R.T.: 8.656 min
Delta R.T.: -0.002 min
Response: 141963
Conc: 0.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

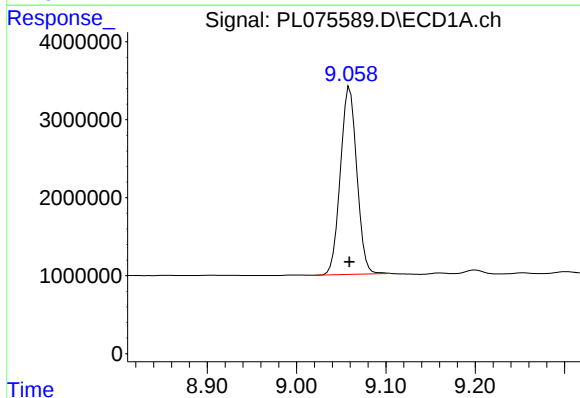
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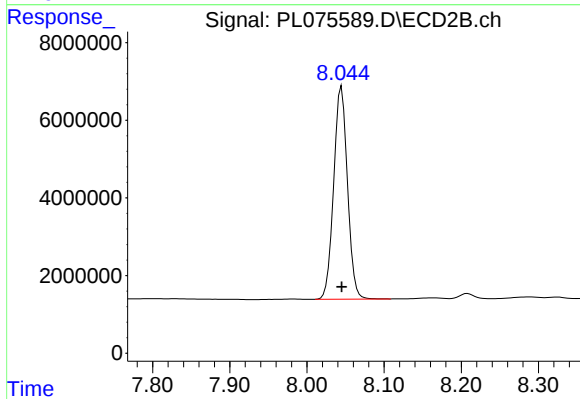
#12 4,4'-DDE

R.T.: 7.624 min
Delta R.T.: 0.000 min
Response: 345357
Conc: 0.22 ng/ml



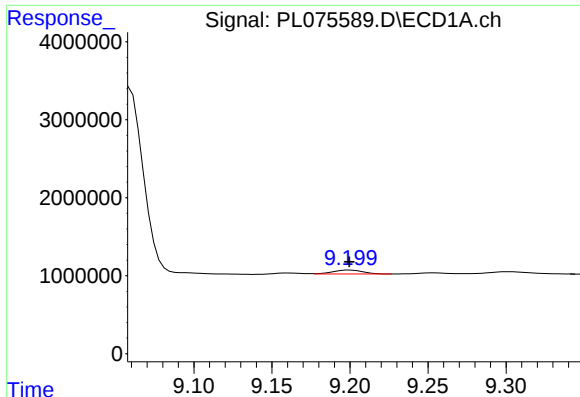
#14 Endrin

R.T.: 9.060 min
Delta R.T.: 0.000 min
Response: 30717470
Conc: 51.81 ng/ml



#14 Endrin

R.T.: 8.045 min
Delta R.T.: 0.000 min
Response: 68211382
Conc: 49.89 ng/ml



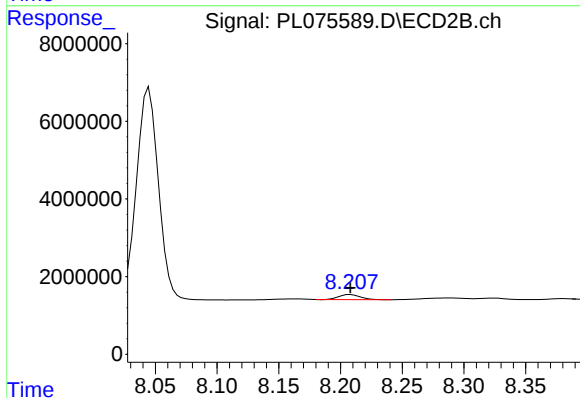
#16 4,4'-DDD

R.T.: 9.200 min
Delta R.T.: 0.000 min
Response: 653197
Conc: 1.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

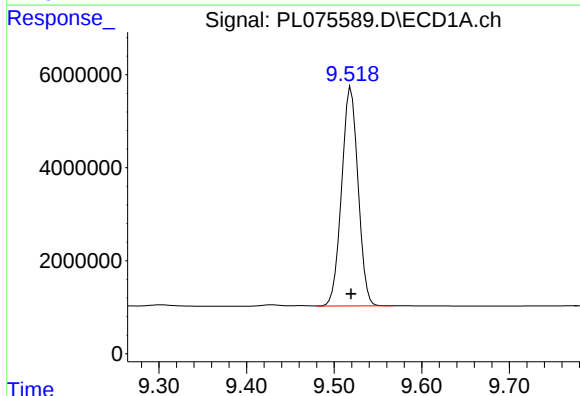
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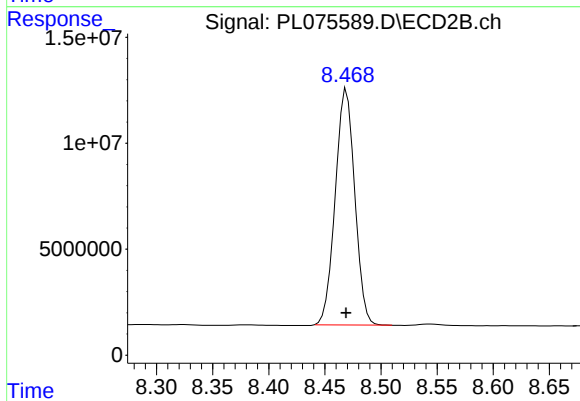
#16 4,4'-DDD

R.T.: 8.208 min
Delta R.T.: 0.000 min
Response: 1565637
Conc: 1.19 ng/ml



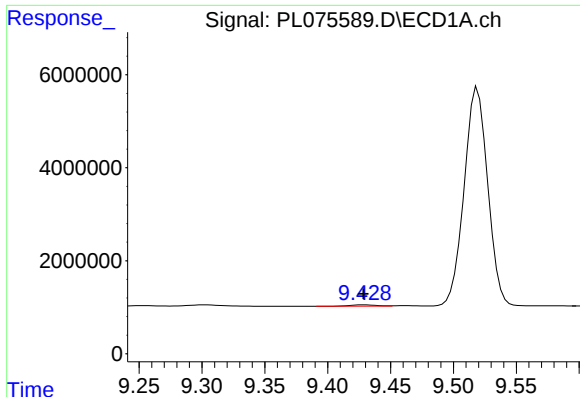
#17 4,4'-DDT

R.T.: 9.519 min
Delta R.T.: 0.000 min
Response: 61324119
Conc: 95.73 ng/ml



#17 4,4'-DDT

R.T.: 8.469 min
Delta R.T.: 0.000 min
Response: 134811511
Conc: 95.90 ng/ml



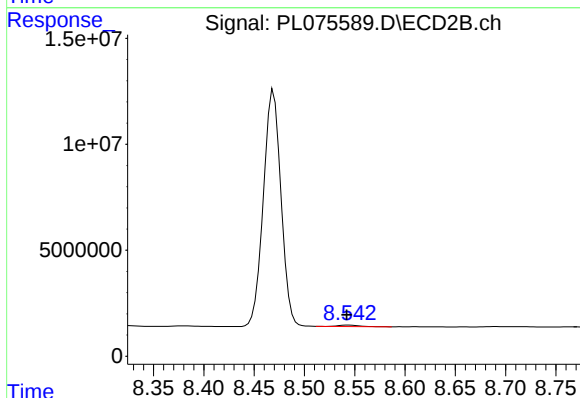
#18 Endrin aldehyde

R.T.: 9.429 min
Delta R.T.: 0.000 min
Response: 406590
Conc: 0.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

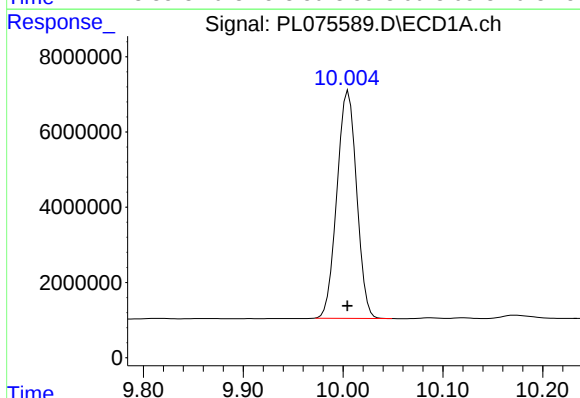
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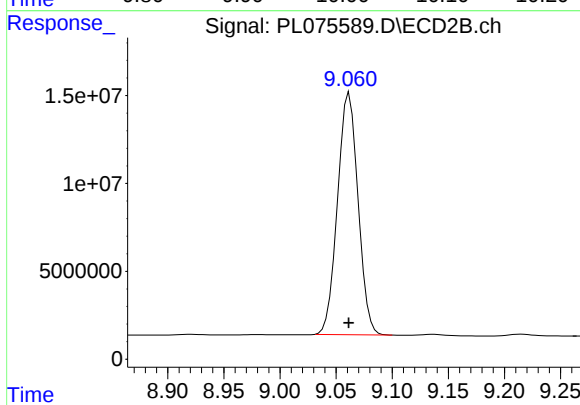
#18 Endrin aldehyde

R.T.: 8.544 min
Delta R.T.: 0.002 min
Response: 932217
Conc: 0.83 ng/ml



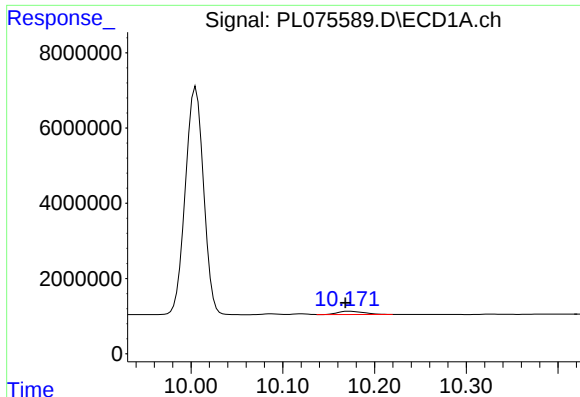
#20 Methoxychlor

R.T.: 10.005 min
Delta R.T.: 0.001 min
Response: 83026110
Conc: 231.93 ng/ml



#20 Methoxychlor

R.T.: 9.062 min
Delta R.T.: 0.000 min
Response: 175320485
Conc: 215.21 ng/ml



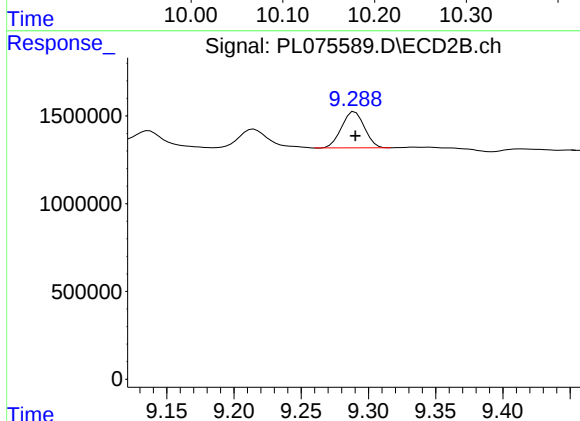
#21 Endrin ketone

R.T.: 10.172 min
Delta R.T.: 0.004 min
Response: 1663846
Conc: 2.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

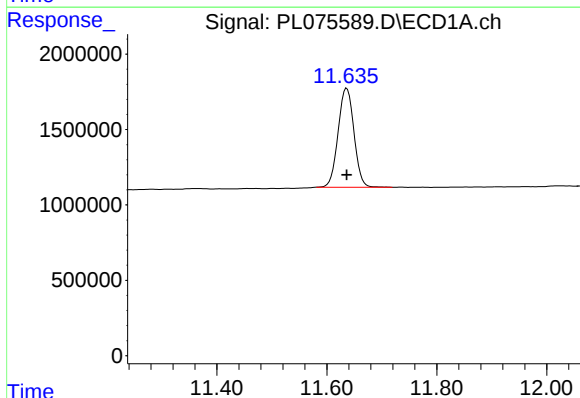
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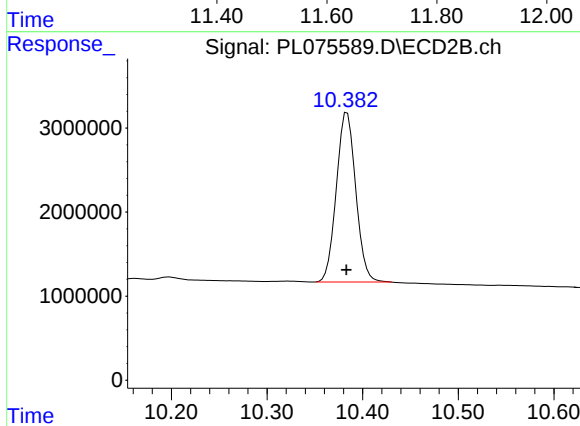
#21 Endrin ketone

R.T.: 9.290 min
Delta R.T.: 0.000 min
Response: 2436297
Conc: 1.51 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.636 min
Delta R.T.: 0.000 min
Response: 13186532
Conc: 21.54 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.384 min
Delta R.T.: 0.000 min
Response: 28502167
Conc: 20.23 ng/ml