

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL060622\
 Data File : PL075558.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Jun 2022 13:52
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 06/07/2022
 Supervised By : Ankita Jodhani 06/07/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 07 02:49:12 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	4.638	12560586	32101808	18.611	19.129
28)	SA Decachlor...	11.636	10.382	11983722	27339723	19.574	19.404
Target Compounds							
2)	A alpha-BHC	6.225	5.340	7799325	19295774	8.297	8.522
3)	MA gamma-BHC...	6.623	5.761	7362677	19238177	8.388	8.871
6)	B beta-BHC	6.875	6.138	3712636	9657161	9.046	9.839m
12)	B 4,4'-DDE	8.655	7.622	144182	248898	0.218m	0.156m#
14)	MA Endrin	9.060	8.045	28123579	67140005	47.433	49.111
16)	A 4,4'-DDD	9.197	8.209	365744	351562	0.668	0.267m#
17)	MA 4,4'-DDT	9.519	8.469	58415814	131.8E6	91.192	93.742
18)	B Endrin al...	9.428	8.545	160826	842615	0.314m	0.748m#
20)	A Methoxychlor	10.005	9.062	79756487	180.0E6	222.801	220.940
21)	B Endrin ke...	10.171	9.289	742646	1305301	1.056m	0.809

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

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Acq On : 06 Jun 2022 13:52
Operator : AR\AJ
Sample : PEM
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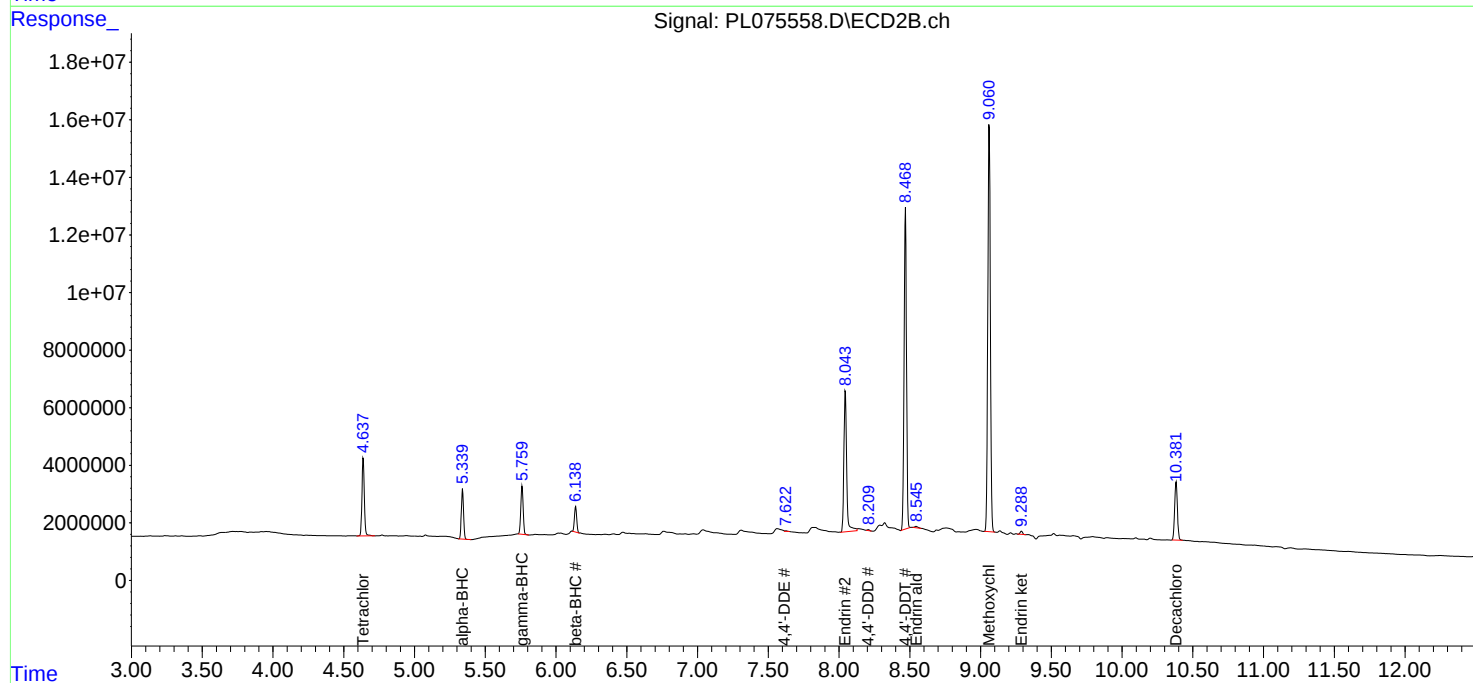
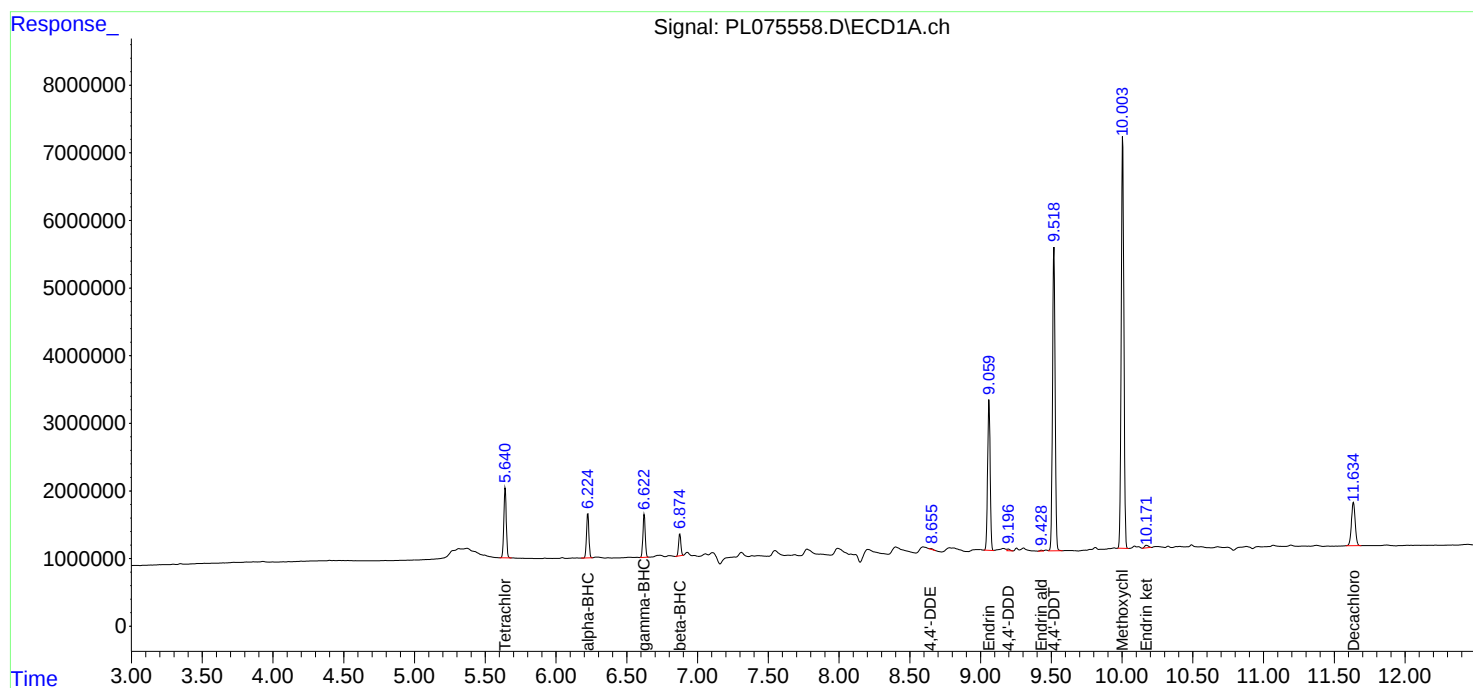
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ECD_L
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PEM

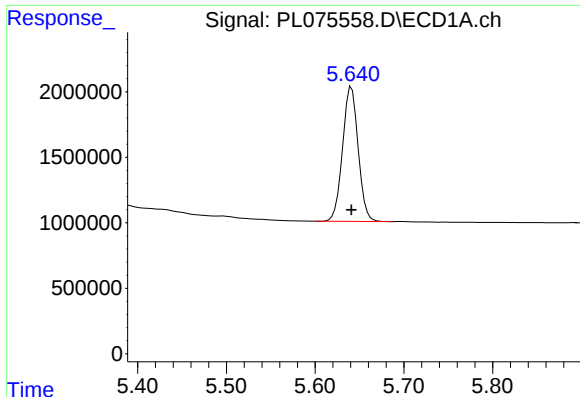
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
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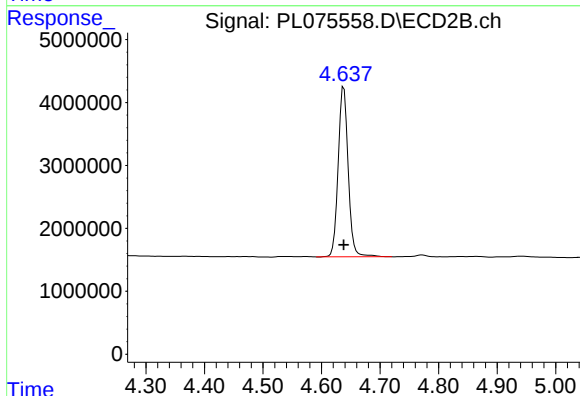
#1 Tetrachloro-m-xylene

R.T.: 5.641 min
Delta R.T.: 0.000 min
Response: 12560586
Conc: 18.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

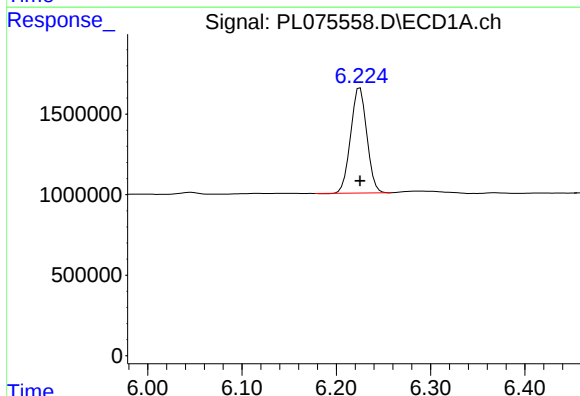
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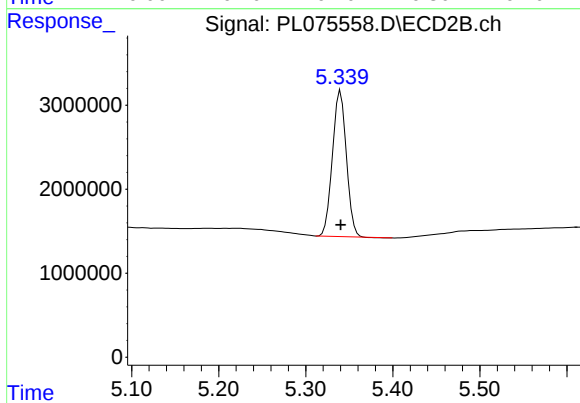
#1 Tetrachloro-m-xylene

R.T.: 4.638 min
Delta R.T.: 0.000 min
Response: 32101808
Conc: 19.13 ng/ml



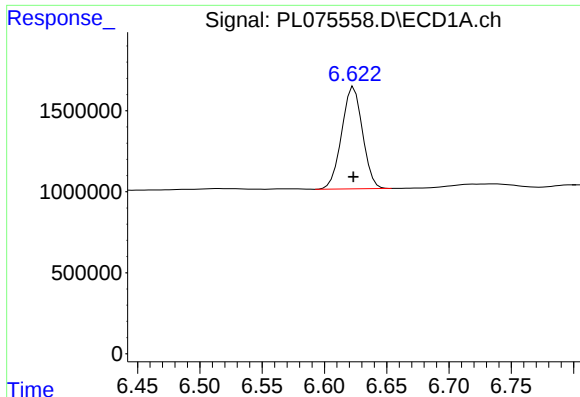
#2 alpha-BHC

R.T.: 6.225 min
Delta R.T.: 0.000 min
Response: 7799325
Conc: 8.30 ng/ml



#2 alpha-BHC

R.T.: 5.340 min
Delta R.T.: 0.000 min
Response: 19295774
Conc: 8.52 ng/ml



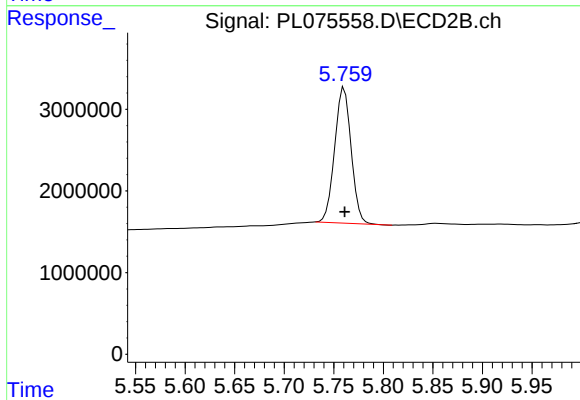
#3 gamma-BHC (Lindane)

R.T.: 6.623 min
Delta R.T.: 0.000 min
Response: 7362677
Conc: 8.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

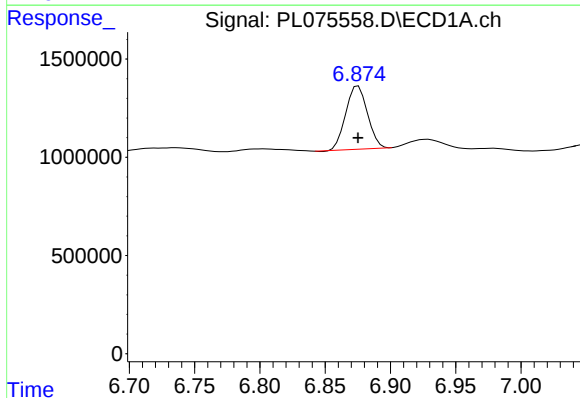
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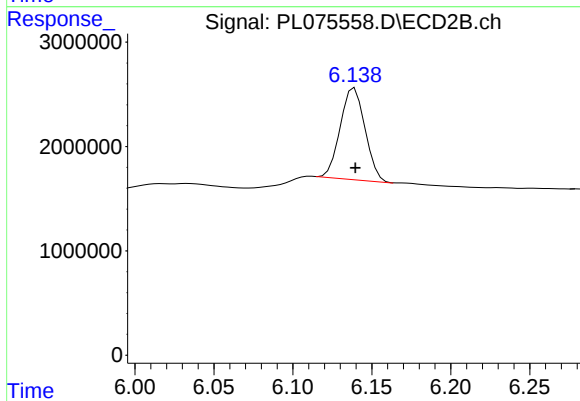
#3 gamma-BHC (Lindane)

R.T.: 5.761 min
Delta R.T.: 0.000 min
Response: 19238177
Conc: 8.87 ng/ml



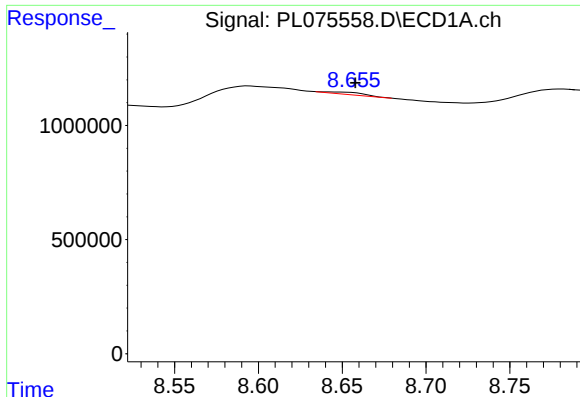
#6 beta-BHC

R.T.: 6.875 min
Delta R.T.: 0.000 min
Response: 3712636
Conc: 9.05 ng/ml



#6 beta-BHC

R.T.: 6.138 min
Delta R.T.: -0.002 min
Response: 9657161
Conc: 9.84 ng/ml m



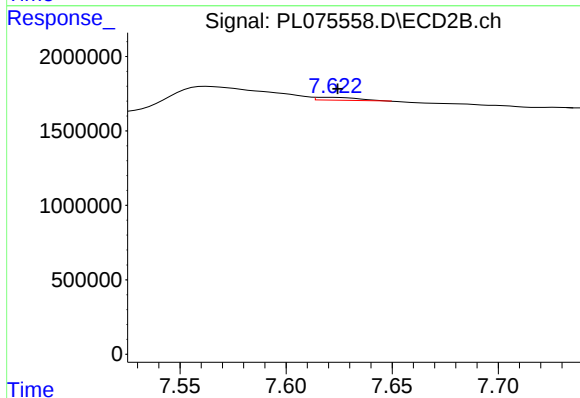
#12 4,4'-DDE

R.T.: 8.655 min
Delta R.T.: -0.003 min
Response: 144182
Conc: 0.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

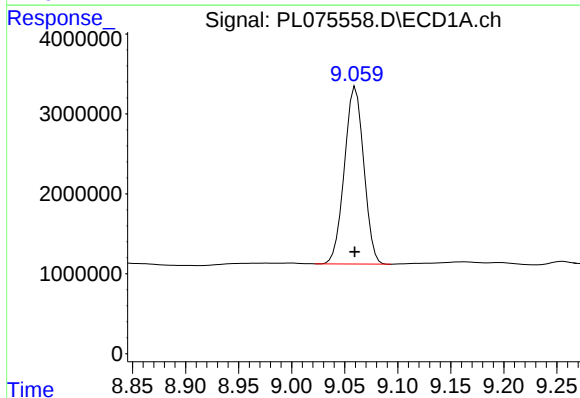
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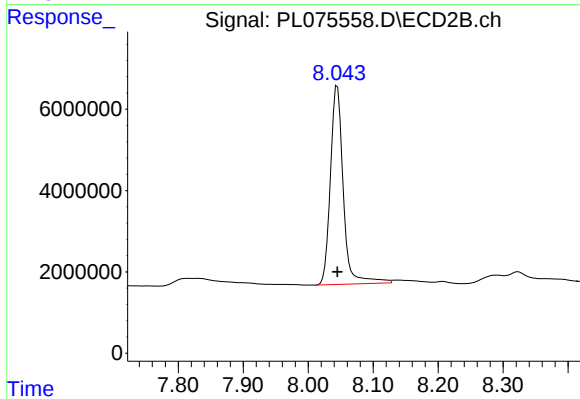
#12 4,4'-DDE

R.T.: 7.622 min
Delta R.T.: -0.002 min
Response: 248898
Conc: 0.16 ng/ml m



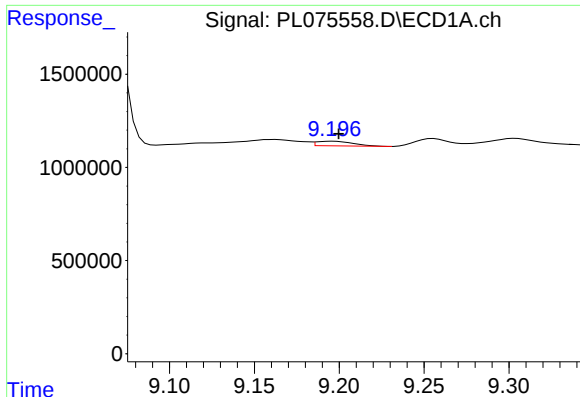
#14 Endrin

R.T.: 9.060 min
Delta R.T.: 0.000 min
Response: 28123579
Conc: 47.43 ng/ml



#14 Endrin

R.T.: 8.045 min
Delta R.T.: 0.000 min
Response: 67140005
Conc: 49.11 ng/ml



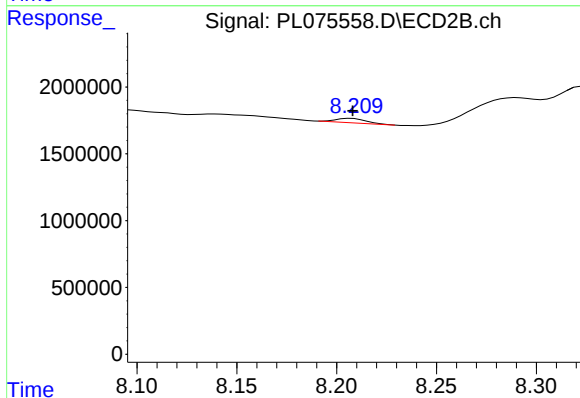
#16 4,4'-DDD

R.T.: 9.197 min
Delta R.T.: -0.003 min
Response: 365744
Conc: 0.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

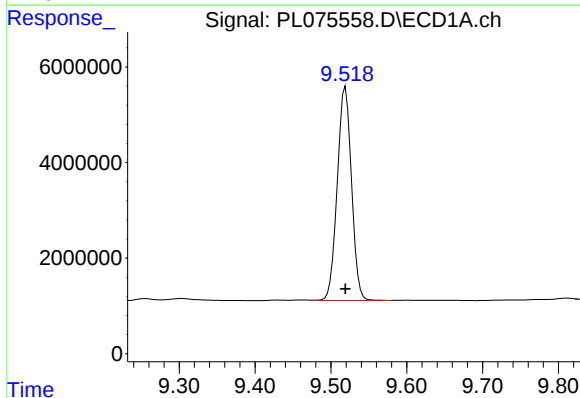
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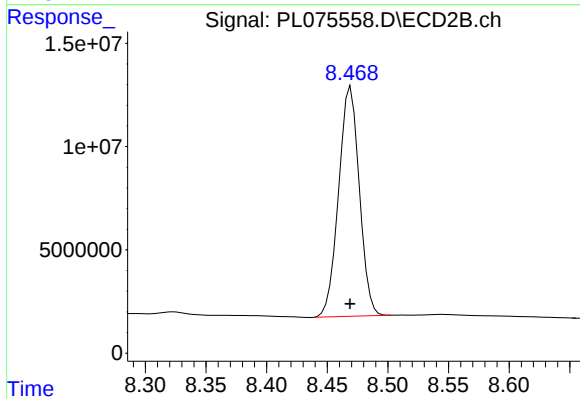
#16 4,4'-DDD

R.T.: 8.209 min
Delta R.T.: 0.000 min
Response: 351562
Conc: 0.27 ng/ml m



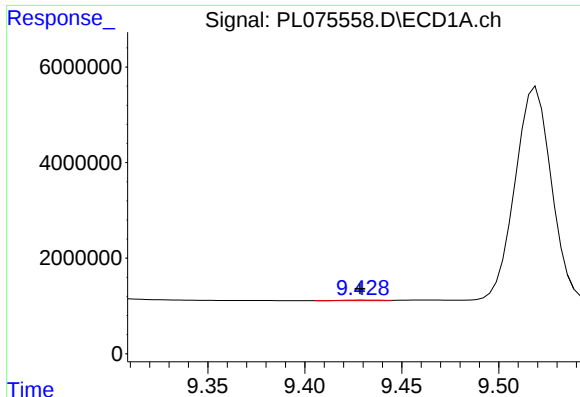
#17 4,4'-DDT

R.T.: 9.519 min
Delta R.T.: 0.000 min
Response: 58415814
Conc: 91.19 ng/ml



#17 4,4'-DDT

R.T.: 8.469 min
Delta R.T.: 0.000 min
Response: 131779445
Conc: 93.74 ng/ml



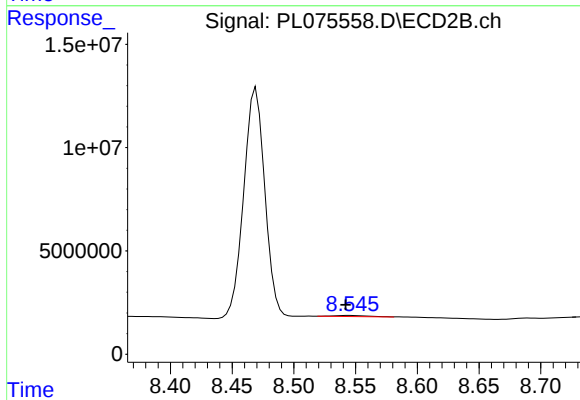
#18 Endrin aldehyde

R.T.: 9.428 min
Delta R.T.: 0.000 min
Response: 160826
Conc: 0.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

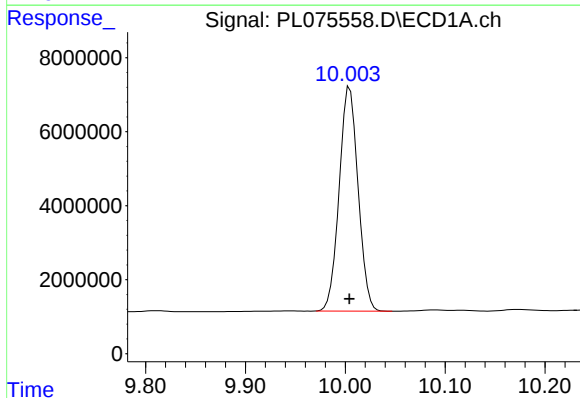
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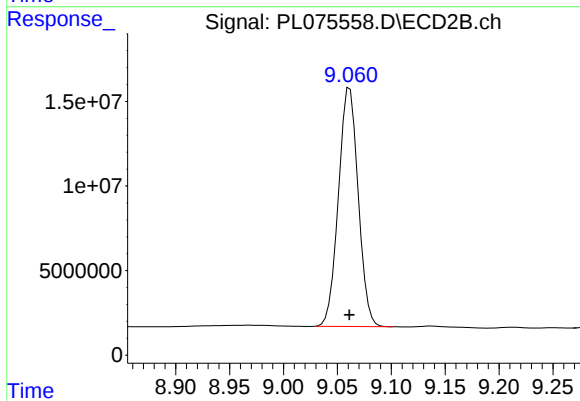
#18 Endrin aldehyde

R.T.: 8.545 min
Delta R.T.: 0.003 min
Response: 842615
Conc: 0.75 ng/ml m



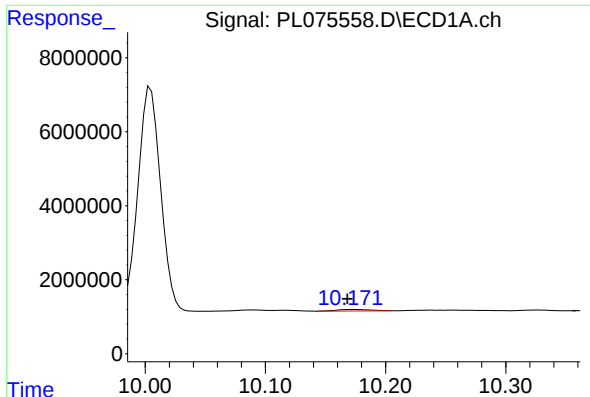
#20 Methoxychlor

R.T.: 10.005 min
Delta R.T.: 0.000 min
Response: 79756487
Conc: 222.80 ng/ml



#20 Methoxychlor

R.T.: 9.062 min
Delta R.T.: 0.000 min
Response: 179987673
Conc: 220.94 ng/ml



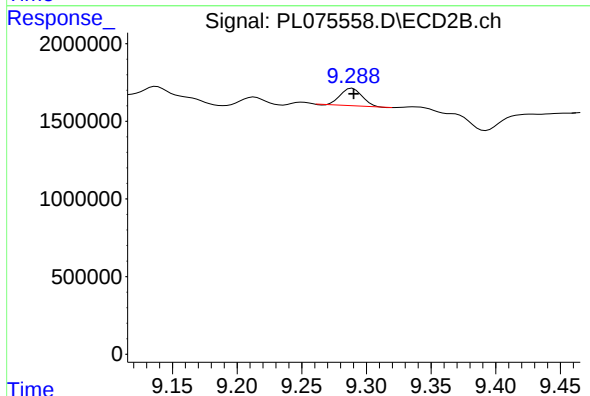
#21 Endrin ketone

R.T.: 10.171 min
Delta R.T.: 0.003 min
Response: 742646
Conc: 1.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

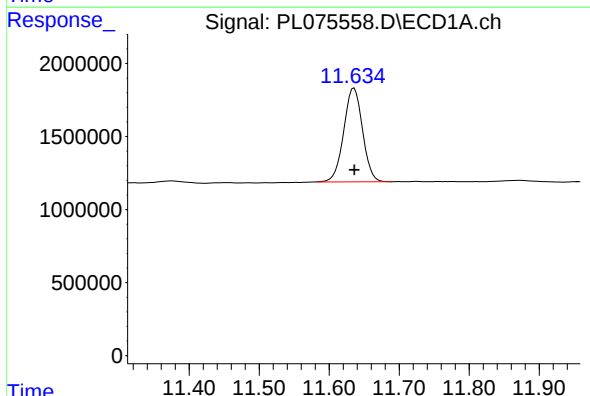
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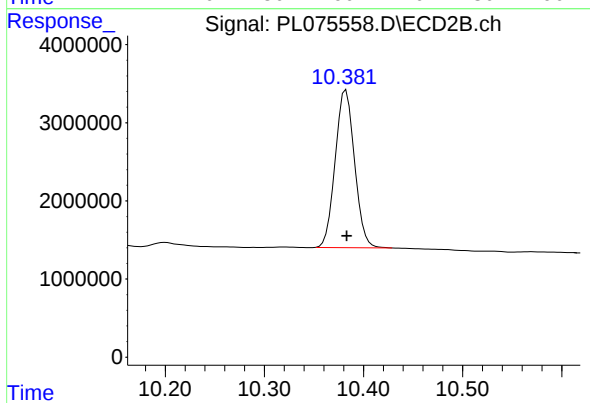
#21 Endrin ketone

R.T.: 9.289 min
Delta R.T.: -0.001 min
Response: 1305301
Conc: 0.81 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.636 min
Delta R.T.: 0.000 min
Response: 11983722
Conc: 19.57 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.382 min
Delta R.T.: 0.000 min
Response: 27339723
Conc: 19.40 ng/ml