

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL081224\
 Data File : PL090979.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Aug 2024 08:35
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 08/13/2024
 Supervised By :Ankita Jodhani 08/14/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 13 01:22:17 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL080524.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 06 10:55:36 2024
 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...	3.546	2.789	40247160	35919426	20.786m	20.777
28)	SA Decachlor...	9.063	7.931	34333824	35062302	23.897	21.006
Target Compounds							
2)	A alpha-BHC	4.003	3.291	31558271	23992835	11.425	9.740m
3)	MA gamma-BHC...	4.334	3.622	30281922	23485101	11.514m	10.031
6)	B beta-BHC	4.532	3.921	15420205	12355899	12.249	11.617
12)	B 4,4'-DDE	6.199	5.249	367383	241181	0.185m	0.129m#
14)	MA Endrin	6.581	5.656	91151232	89292587	49.770m	48.868
16)	A 4,4'-DDD	6.716	5.803	4022325	3006528	2.440	1.938
17)	MA 4,4'-DDT	7.031	6.054	170.2E6	177.4E6	95.451	106.949
18)	B Endrin al...	6.931	6.129	3273478	2863050	2.174	2.022
20)	A Methoxychlor	7.506	6.629	218.7E6	215.0E6	229.153	232.976
21)	B Endrin ke...	7.650	6.857	6685114	5648899	3.374	2.850

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

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Acq On : 12 Aug 2024 08:35
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

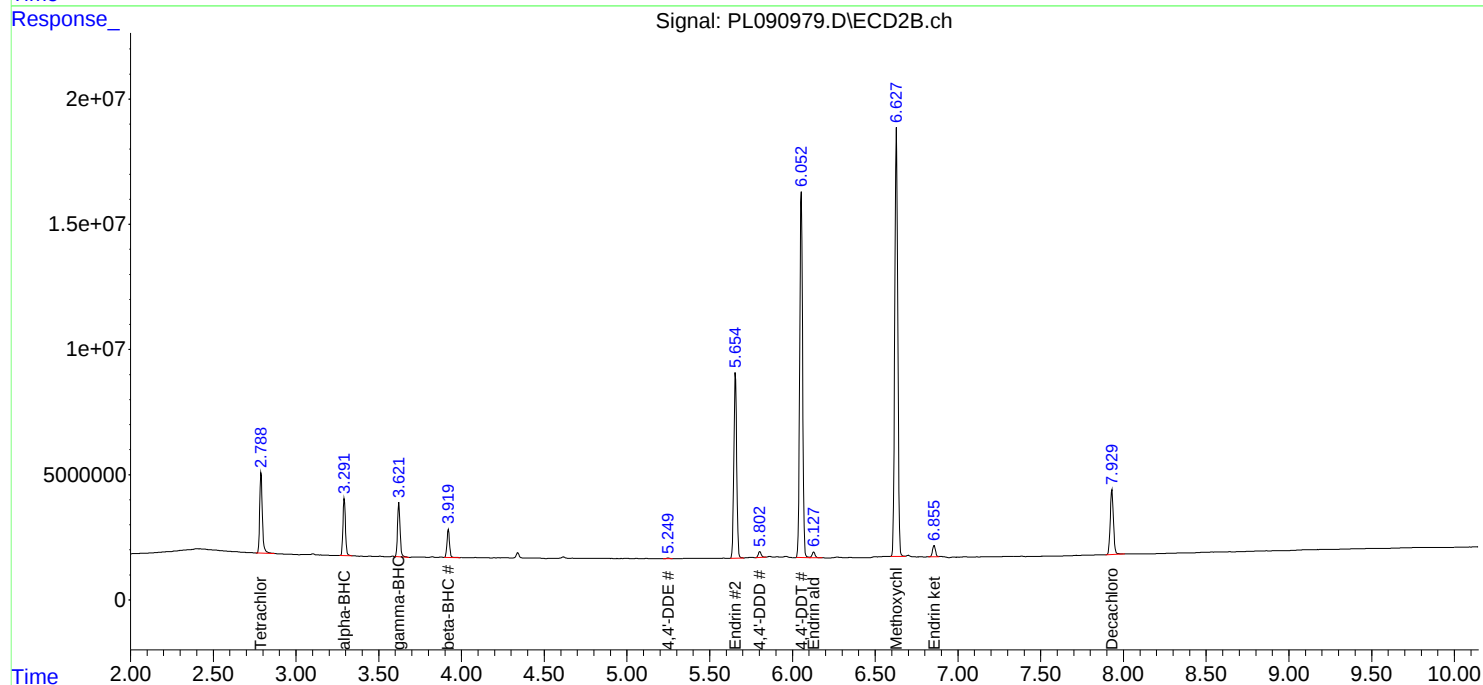
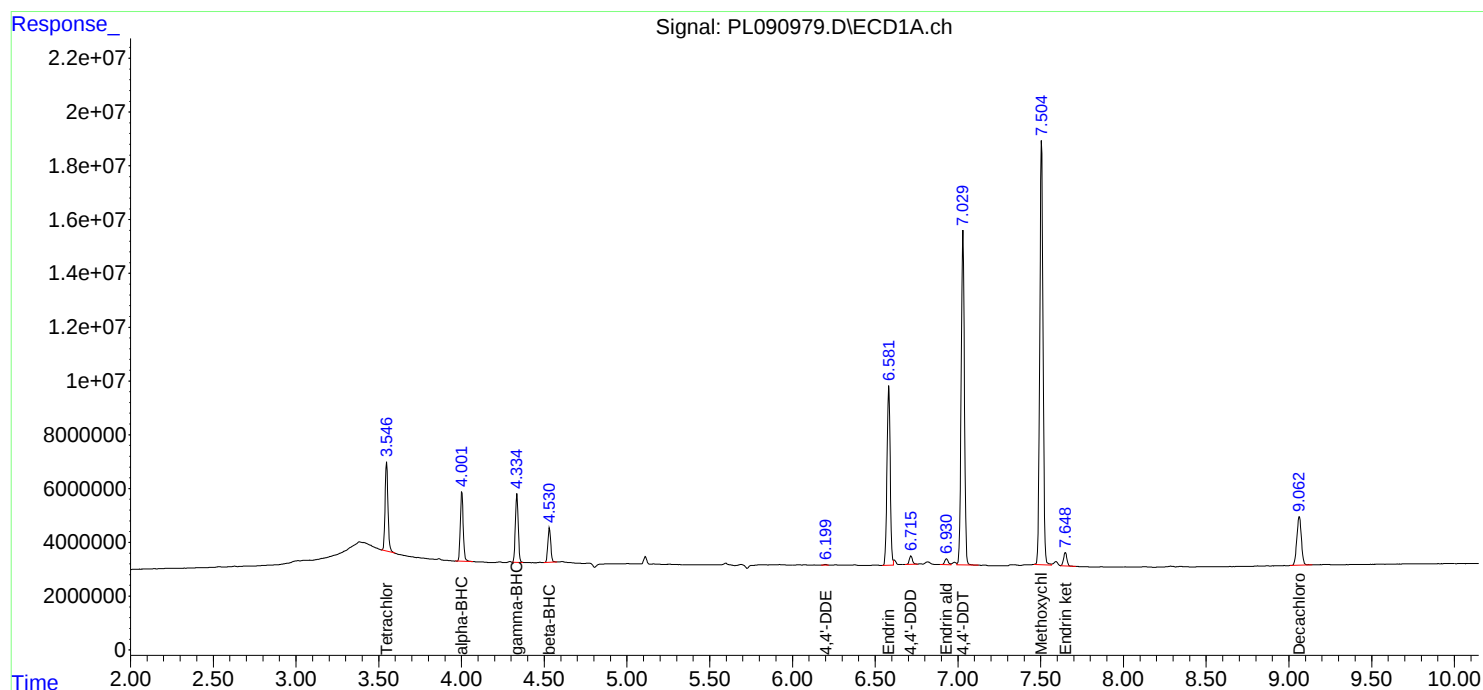
Instrument :
ECD_L
ClientSampleId :
PEM

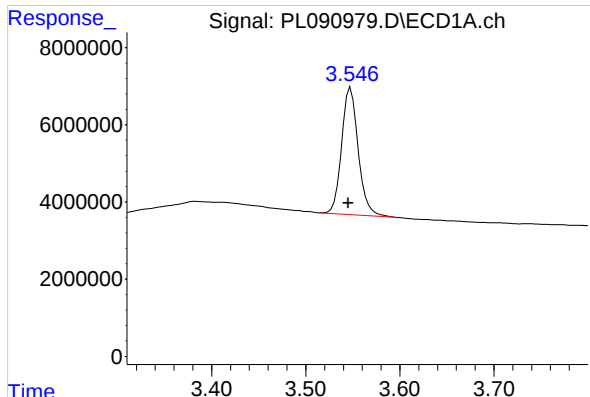
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 13 01:22:17 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL080524.M
Quant Title : GC Extractables
QLast Update : Tue Aug 06 10:55:36 2024
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Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
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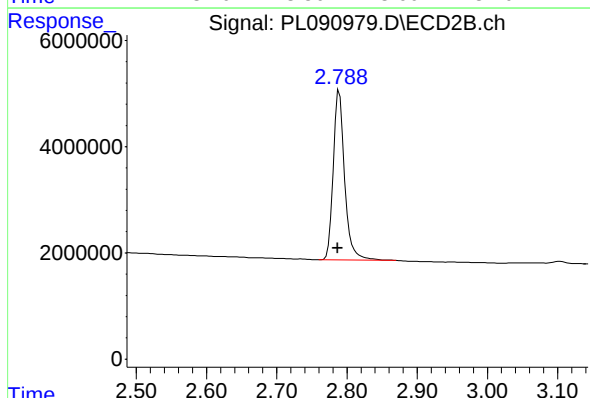
#1 Tetrachloro-m-xylene

R.T.: 3.546 min
Delta R.T.: 0.001 min
Response: 40247160
Conc: 20.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

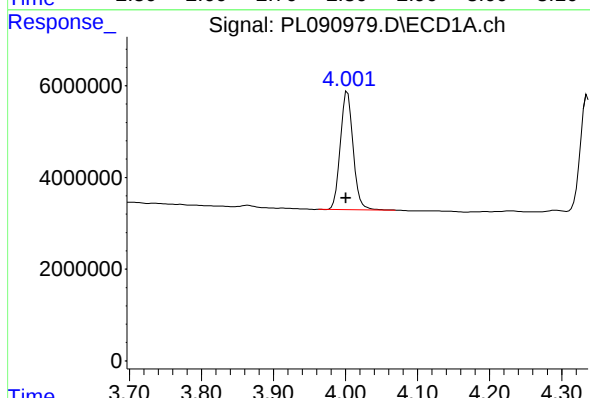
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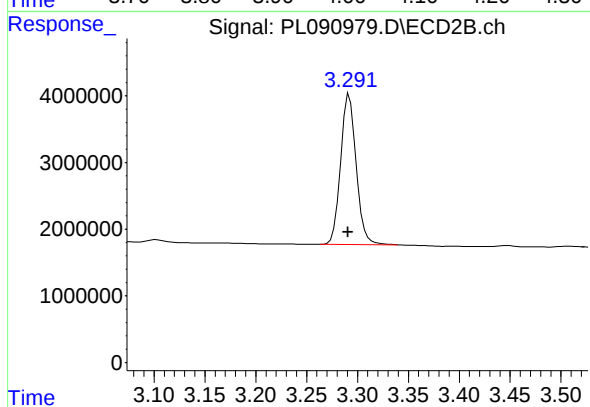
#1 Tetrachloro-m-xylene

R.T.: 2.789 min
Delta R.T.: 0.002 min
Response: 35919426
Conc: 20.78 ng/ml



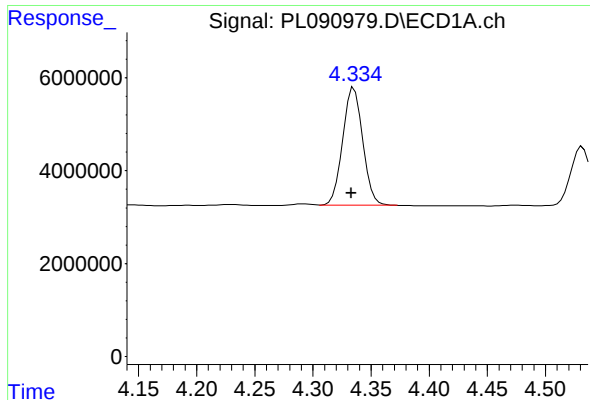
#2 alpha-BHC

R.T.: 4.003 min
Delta R.T.: 0.002 min
Response: 31558271
Conc: 11.43 ng/ml



#2 alpha-BHC

R.T.: 3.291 min
Delta R.T.: 0.000 min
Response: 23992835
Conc: 9.74 ng/ml m



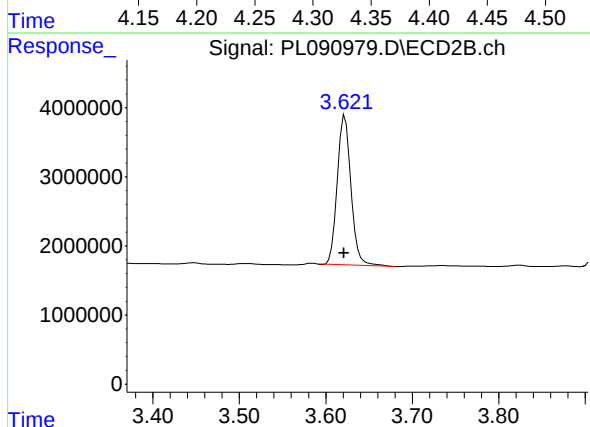
#3 gamma-BHC (Lindane)

R.T.: 4.334 min
Delta R.T.: 0.000 min
Response: 30281922
Conc: 11.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

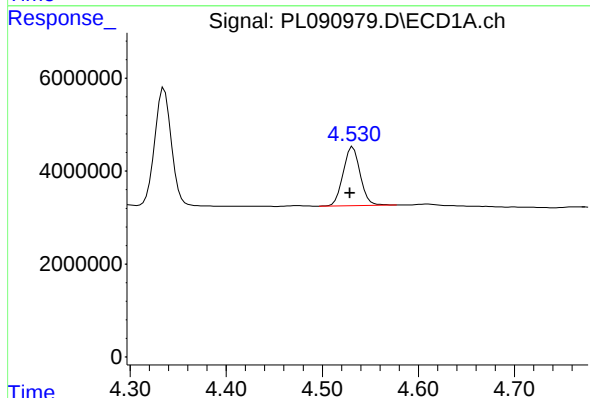
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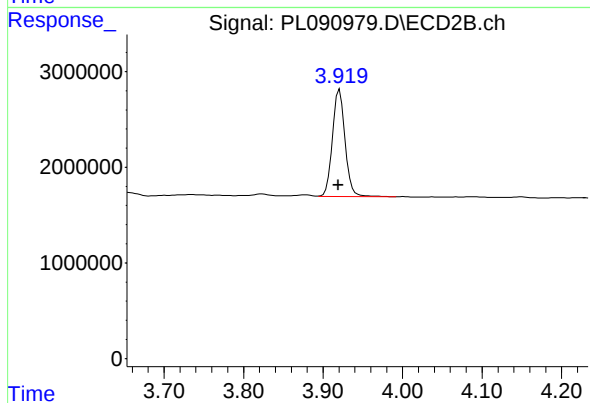
#3 gamma-BHC (Lindane)

R.T.: 3.622 min
Delta R.T.: 0.001 min
Response: 23485101
Conc: 10.03 ng/ml



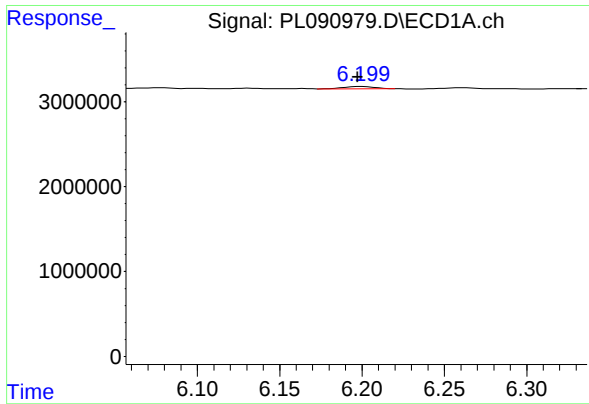
#6 beta-BHC

R.T.: 4.532 min
Delta R.T.: 0.003 min
Response: 15420205
Conc: 12.25 ng/ml



#6 beta-BHC

R.T.: 3.921 min
Delta R.T.: 0.002 min
Response: 12355899
Conc: 11.62 ng/ml



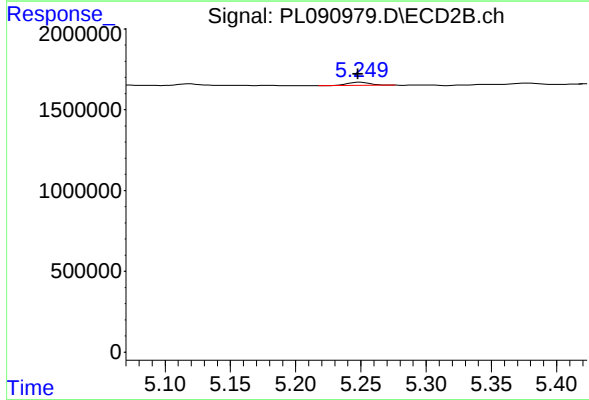
#12 4,4'-DDE

R.T.: 6.199 min
Delta R.T.: 0.002 min
Response: 367383
Conc: 0.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

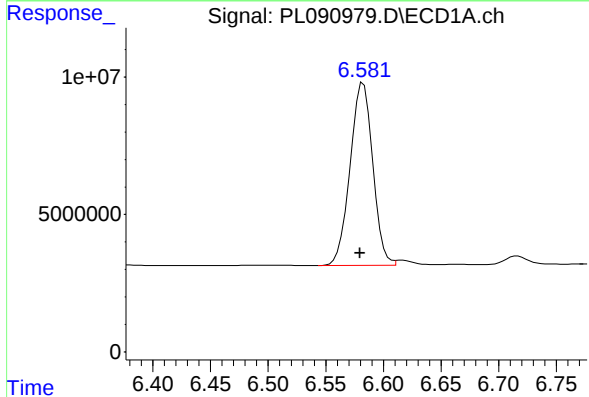
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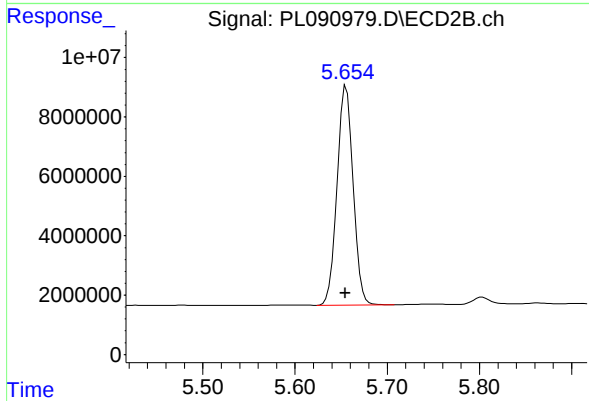
#12 4,4'-DDE

R.T.: 5.249 min
Delta R.T.: 0.000 min
Response: 241181
Conc: 0.13 ng/ml



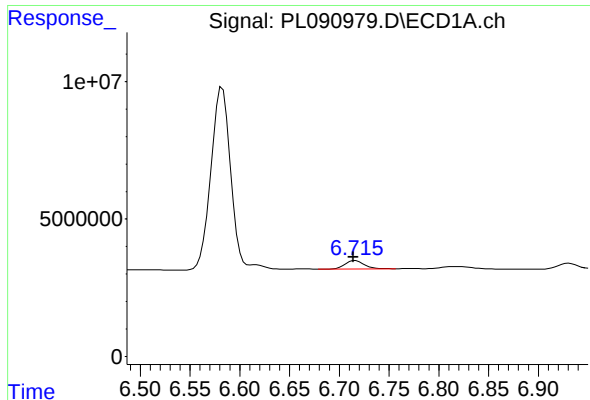
#14 Endrin

R.T.: 6.581 min
Delta R.T.: 0.001 min
Response: 91151232
Conc: 49.77 ng/ml



#14 Endrin

R.T.: 5.656 min
Delta R.T.: 0.001 min
Response: 89292587
Conc: 48.87 ng/ml



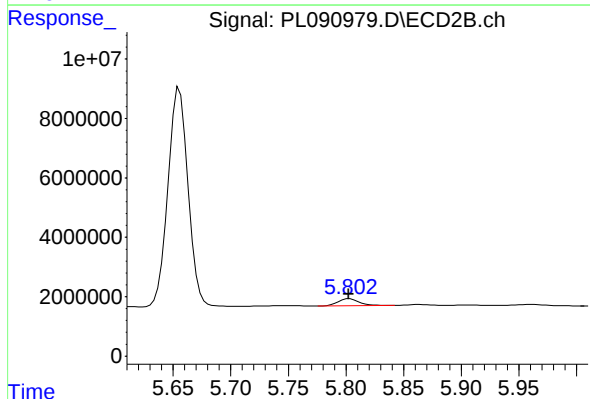
#16 4,4'-DDD

R.T.: 6.716 min
Delta R.T.: 0.002 min
Response: 4022325
Conc: 2.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

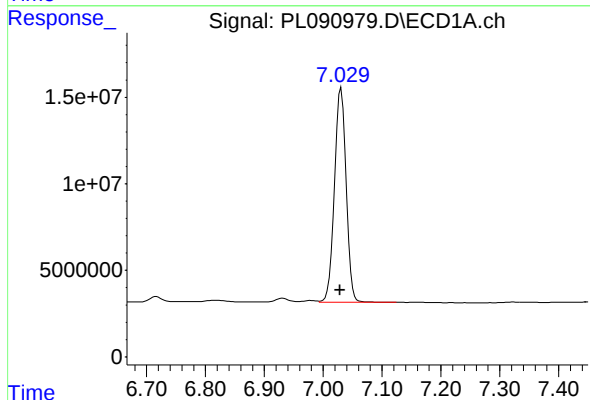
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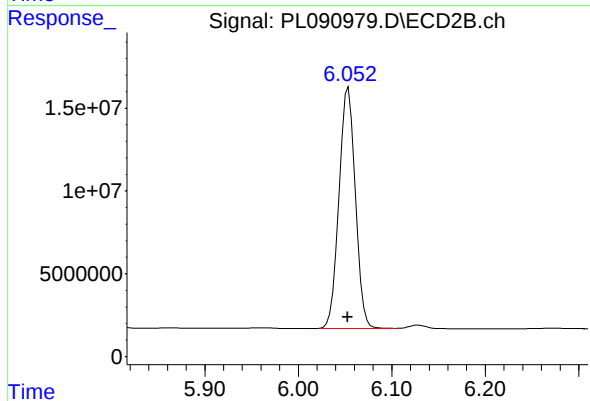
#16 4,4'-DDD

R.T.: 5.803 min
Delta R.T.: 0.000 min
Response: 3006528
Conc: 1.94 ng/ml



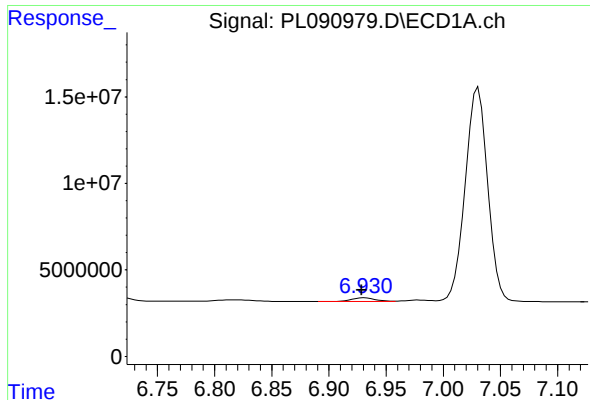
#17 4,4'-DDT

R.T.: 7.031 min
Delta R.T.: 0.002 min
Response: 170167420
Conc: 95.45 ng/ml



#17 4,4'-DDT

R.T.: 6.054 min
Delta R.T.: 0.000 min
Response: 177350208
Conc: 106.95 ng/ml



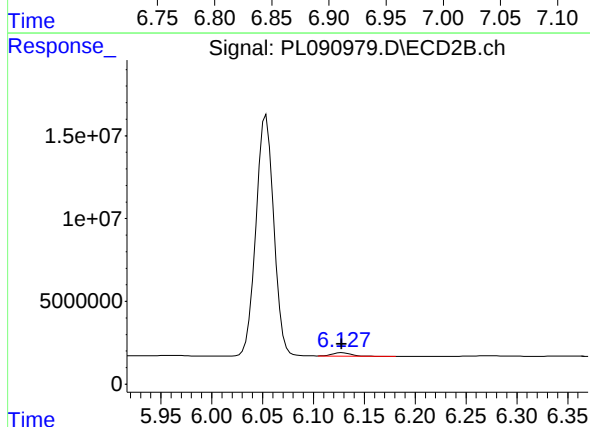
#18 Endrin aldehyde

R.T.: 6.931 min
Delta R.T.: 0.002 min
Response: 3273478
Conc: 2.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

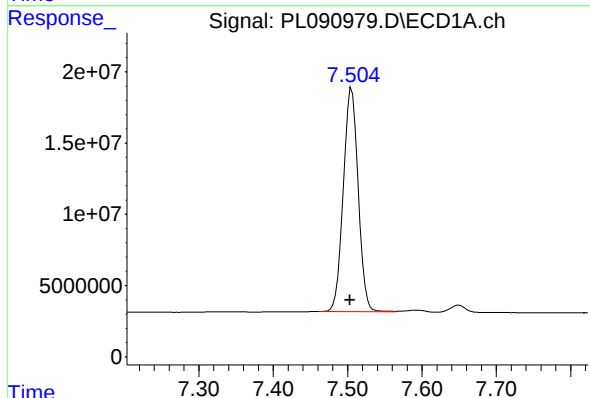
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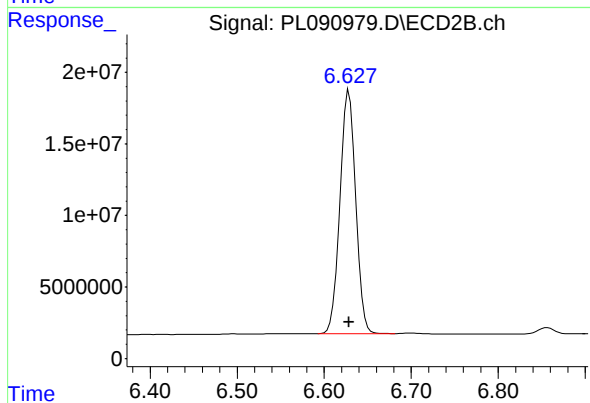
#18 Endrin aldehyde

R.T.: 6.129 min
Delta R.T.: 0.000 min
Response: 2863050
Conc: 2.02 ng/ml



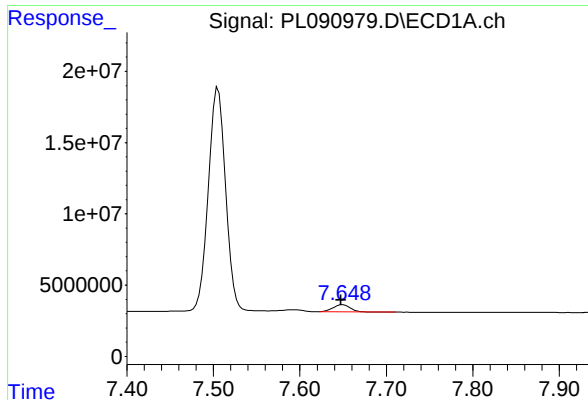
#20 Methoxychlor

R.T.: 7.506 min
Delta R.T.: 0.002 min
Response: 218667129
Conc: 229.15 ng/ml



#20 Methoxychlor

R.T.: 6.629 min
Delta R.T.: 0.000 min
Response: 215044858
Conc: 232.98 ng/ml



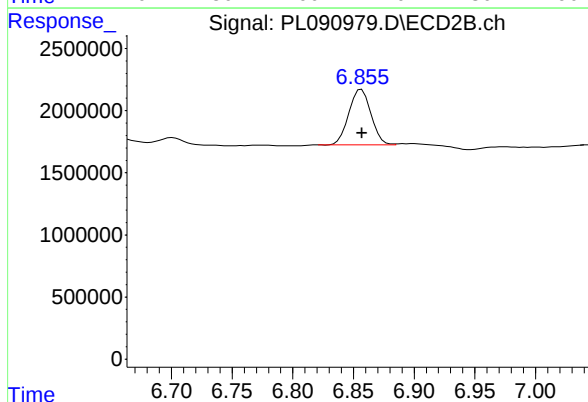
#21 Endrin ketone

R.T.: 7.650 min
Delta R.T.: 0.002 min
Response: 6685114
Conc: 3.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

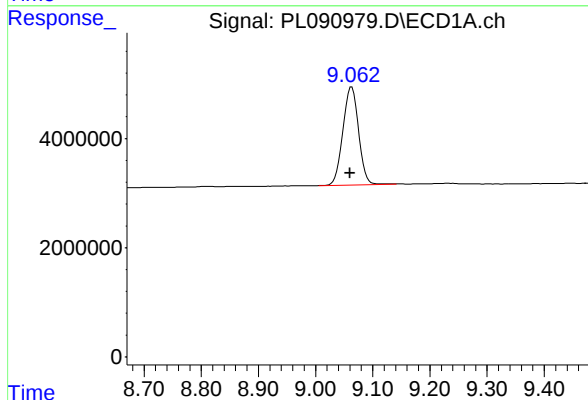
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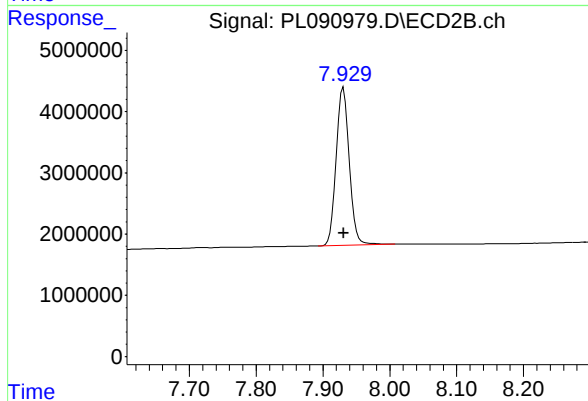
#21 Endrin ketone

R.T.: 6.857 min
Delta R.T.: 0.000 min
Response: 5648899
Conc: 2.85 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.063 min
Delta R.T.: 0.003 min
Response: 34333824
Conc: 23.90 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.931 min
Delta R.T.: 0.000 min
Response: 35062302
Conc: 21.01 ng/ml