

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071724\
 Data File : PL090553.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Jul 2024 16:44
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 07/18/2024
 Supervised By :Ankita Jodhani 07/19/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 18 01:19:01 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL071524.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 15 14:16:48 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...	3.547	2.790	43332902	36282320	20.811	21.559
28)	SA Decachlor...	9.059	7.932	29179892	32575734	21.959	22.341
Target Compounds							
2)	A alpha-BHC	4.002	3.291	32538650	24515063	10.965	10.147m
3)	MA gamma-BHC...	4.334	3.622	30247264	22928089	10.801	9.943m
6)	B beta-BHC	4.530	3.921	14681815	11534082	11.574	11.174
12)	B 4,4'-DDE	6.197	5.248	470396	317258	0.233m	0.178m
14)	MA Endrin	6.579	5.656	86615343	85884743	47.114m	49.901
16)	A 4,4'-DDD	6.713	5.804	6317441	5019670	3.742m	3.350
17)	MA 4,4'-DDT	7.029	6.055	161.2E6	171.3E6	95.747	116.948
18)	B Endrin al...	6.927	6.130	2841881	3079870	1.916m	2.357
20)	A Methoxychlor	7.502	6.629	208.5E6	217.0E6	236.125m	268.322m
21)	B Endrin ke...	7.647	6.856	7129025	6224186	3.734	3.406m

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

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Acq On : 17 Jul 2024 16:44
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

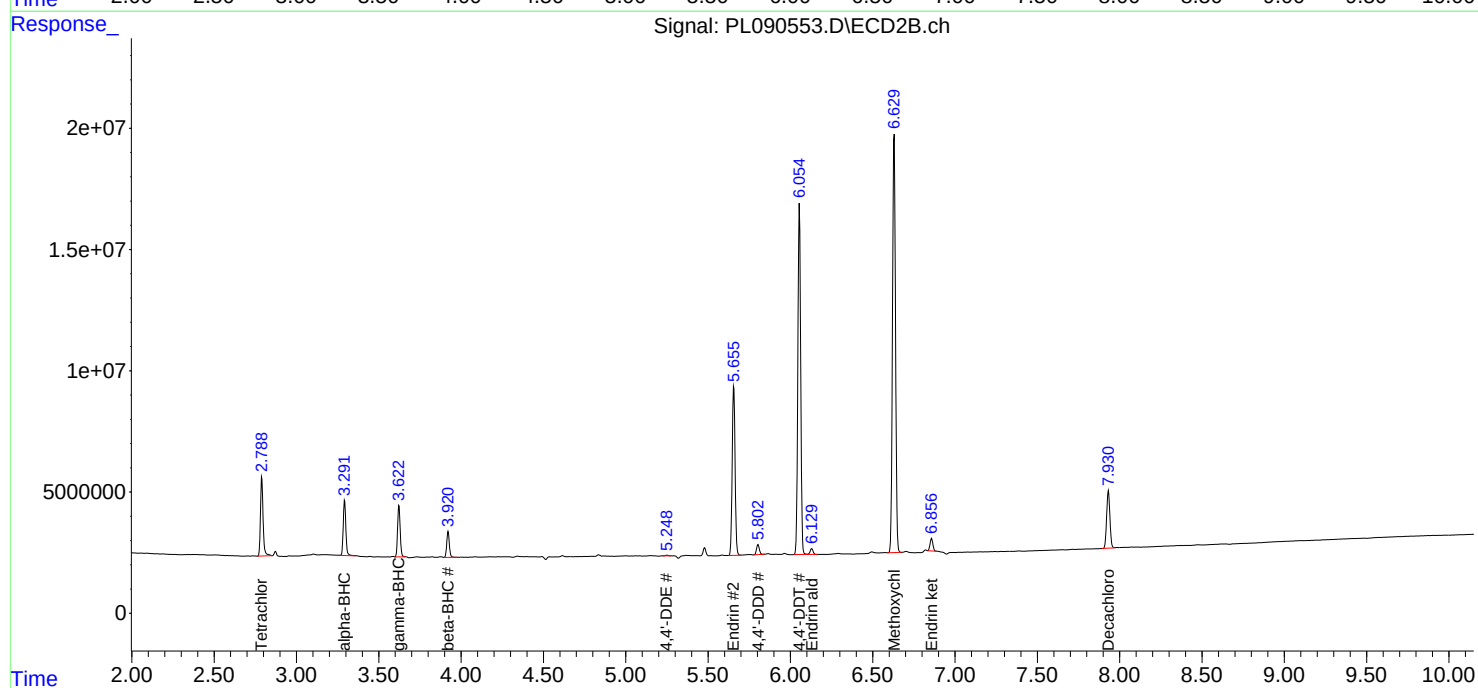
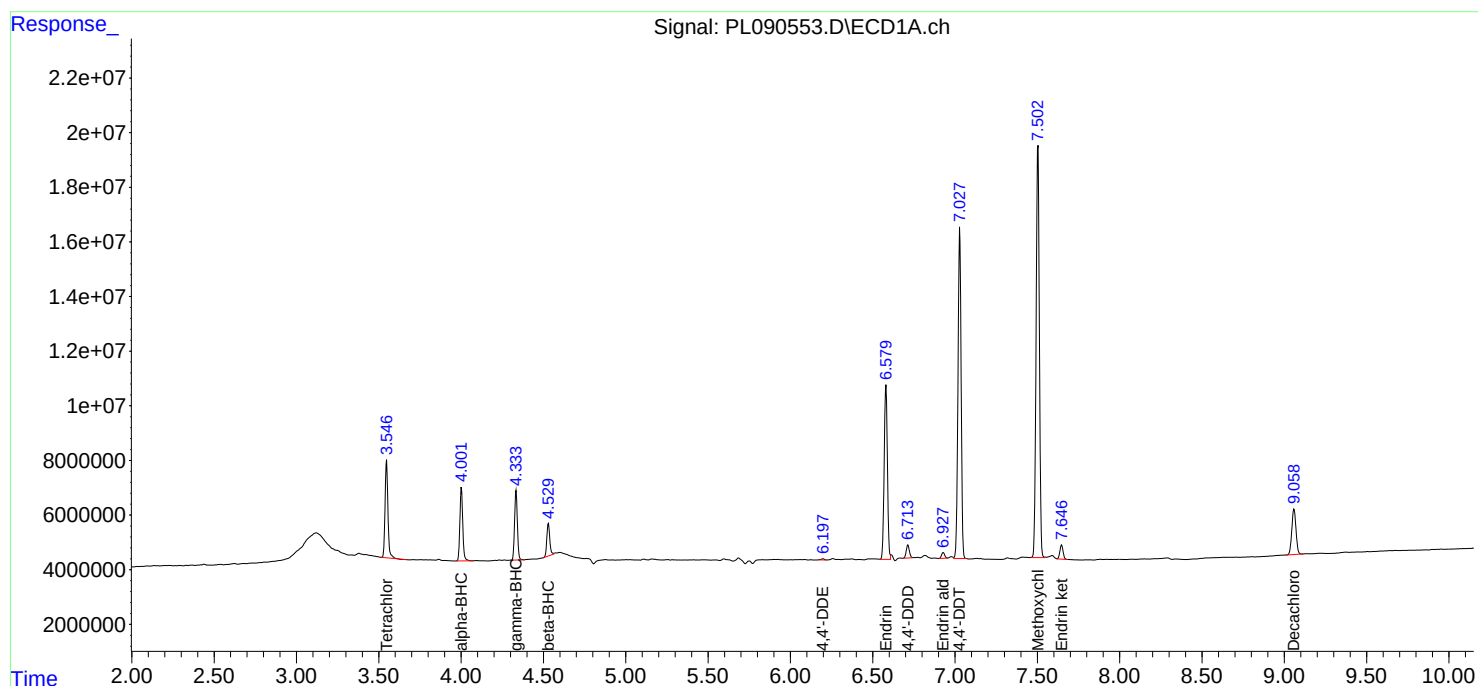
Instrument :
ECD_L
ClientSampleId :
PEM

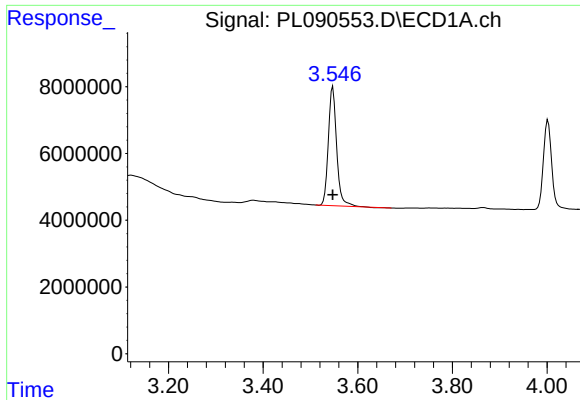
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
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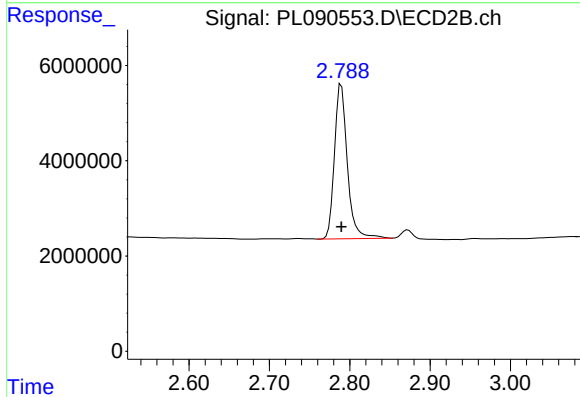
#1 Tetrachloro-m-xylene

R.T.: 3.547 min
Delta R.T.: 0.000 min
Response: 43332902
Conc: 20.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

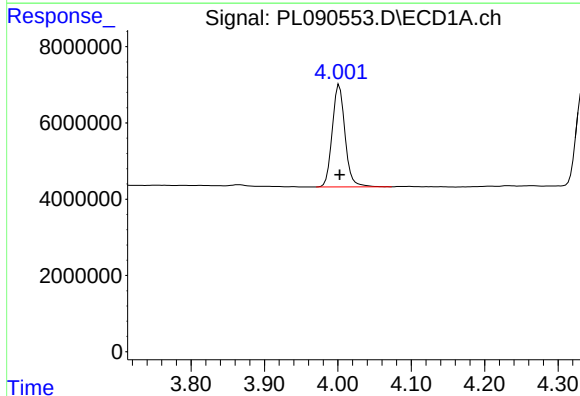
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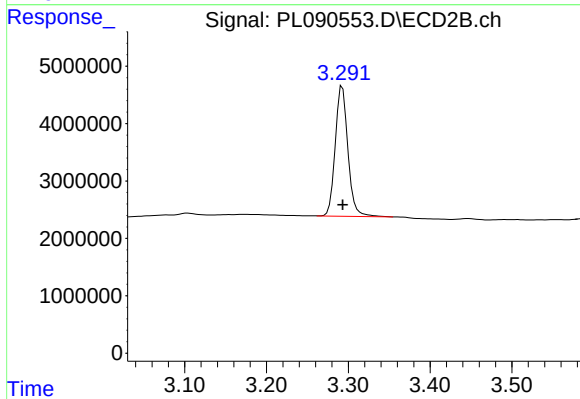
#1 Tetrachloro-m-xylene

R.T.: 2.790 min
Delta R.T.: 0.000 min
Response: 36282320
Conc: 21.56 ng/ml



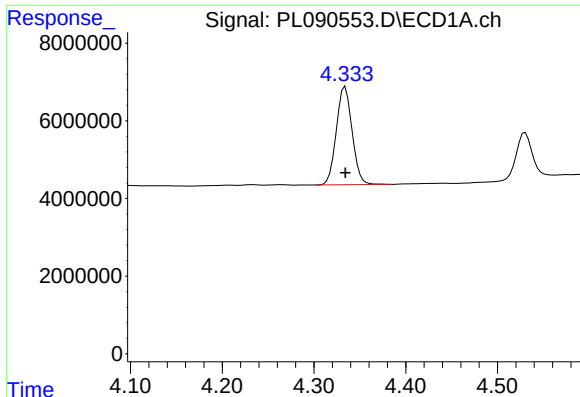
#2 alpha-BHC

R.T.: 4.002 min
Delta R.T.: 0.000 min
Response: 32538650
Conc: 10.97 ng/ml



#2 alpha-BHC

R.T.: 3.291 min
Delta R.T.: -0.002 min
Response: 24515063
Conc: 10.15 ng/ml m



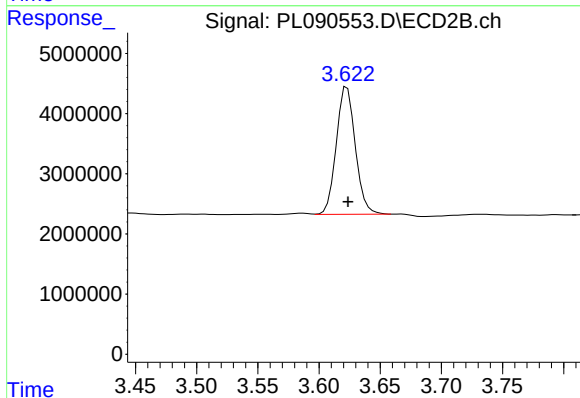
#3 gamma-BHC (Lindane)

R.T.: 4.334 min
Delta R.T.: 0.000 min
Response: 30247264
Conc: 10.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

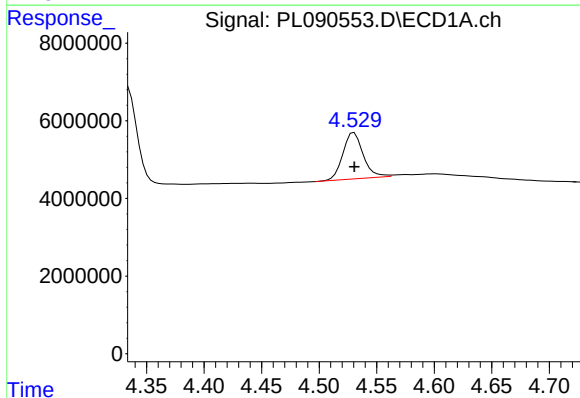
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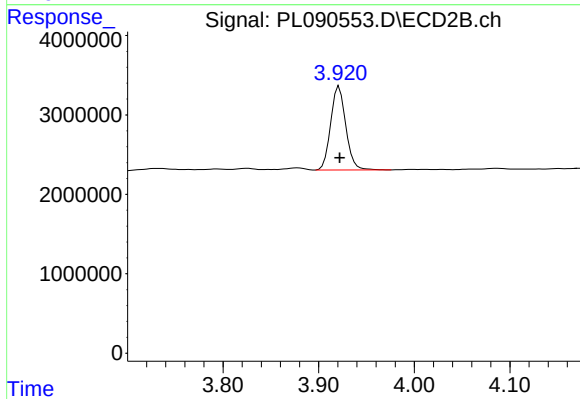
#3 gamma-BHC (Lindane)

R.T.: 3.622 min
Delta R.T.: -0.002 min
Response: 22928089
Conc: 9.94 ng/ml m



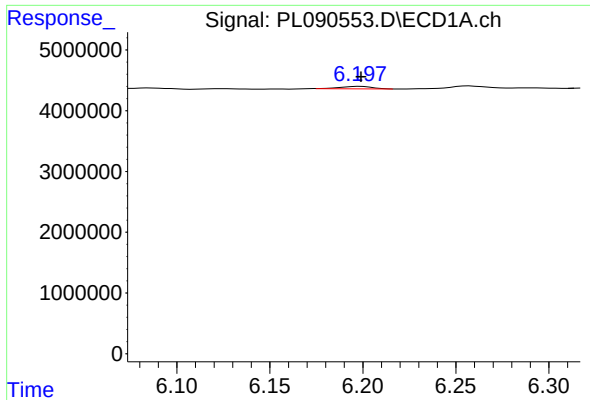
#6 beta-BHC

R.T.: 4.530 min
Delta R.T.: 0.000 min
Response: 14681815
Conc: 11.57 ng/ml



#6 beta-BHC

R.T.: 3.921 min
Delta R.T.: 0.000 min
Response: 11534082
Conc: 11.17 ng/ml



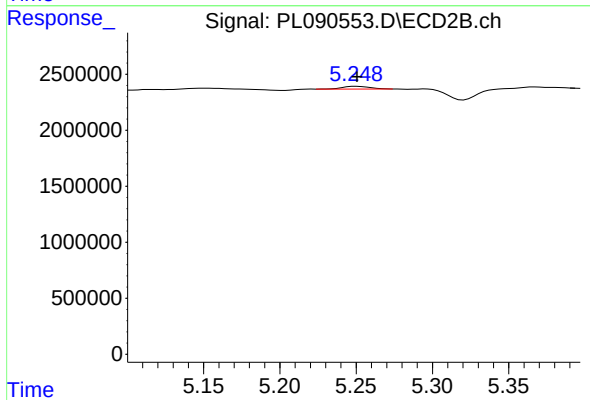
#12 4,4'-DDE

R.T.: 6.197 min
Delta R.T.: -0.002 min
Response: 470396
Conc: 0.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

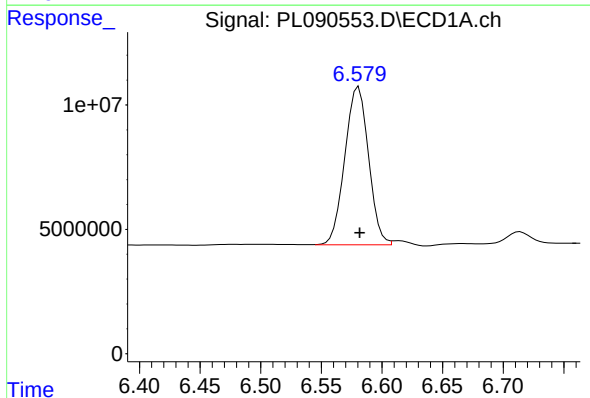
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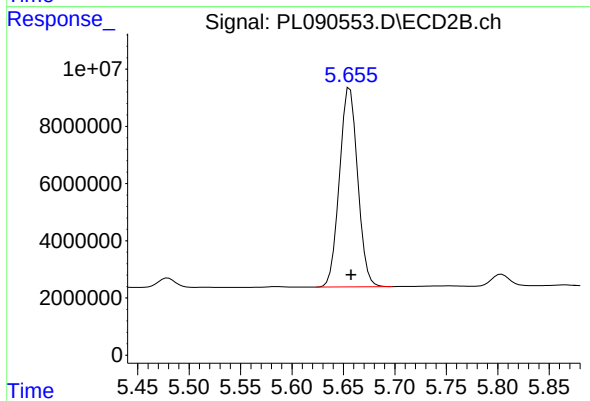
#12 4,4'-DDE

R.T.: 5.248 min
Delta R.T.: -0.002 min
Response: 317258
Conc: 0.18 ng/ml m



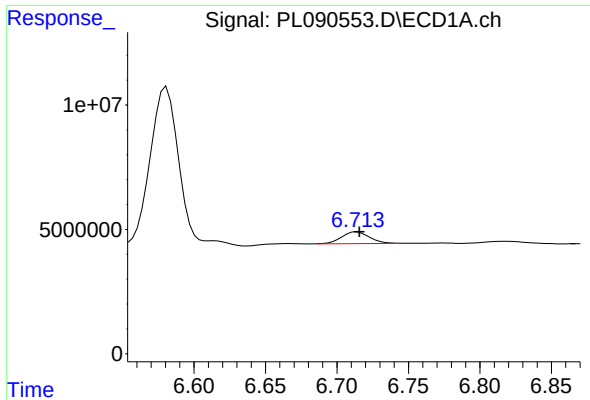
#14 Endrin

R.T.: 6.579 min
Delta R.T.: -0.002 min
Response: 86615343
Conc: 47.11 ng/ml m



#14 Endrin

R.T.: 5.656 min
Delta R.T.: -0.001 min
Response: 85884743
Conc: 49.90 ng/ml



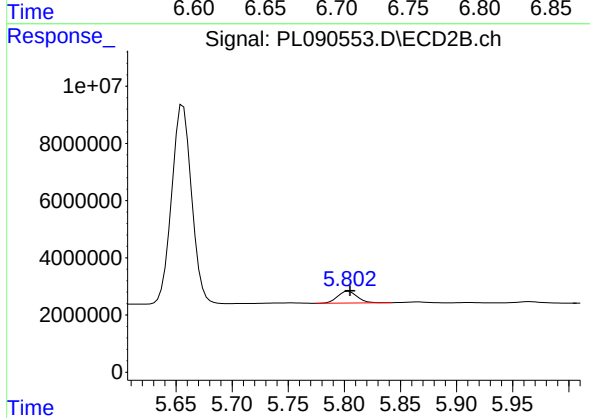
#16 4,4'-DDD

R.T.: 6.713 min
Delta R.T.: -0.003 min
Response: 6317441
Conc: 3.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

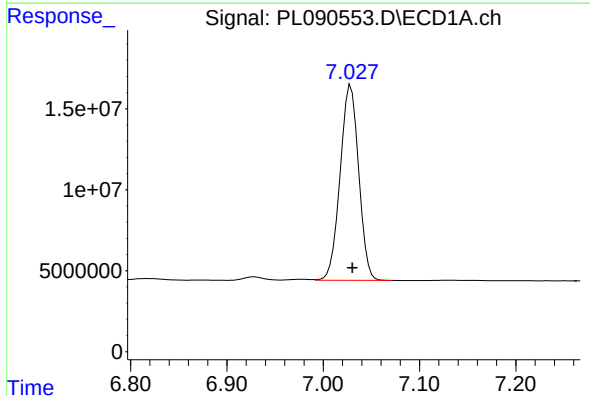
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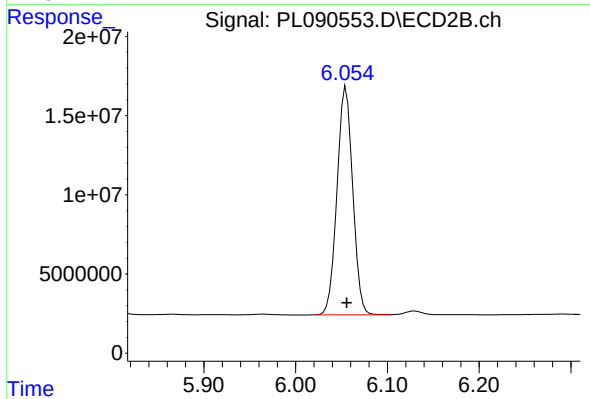
#16 4,4'-DDD

R.T.: 5.804 min
Delta R.T.: -0.002 min
Response: 5019670
Conc: 3.35 ng/ml



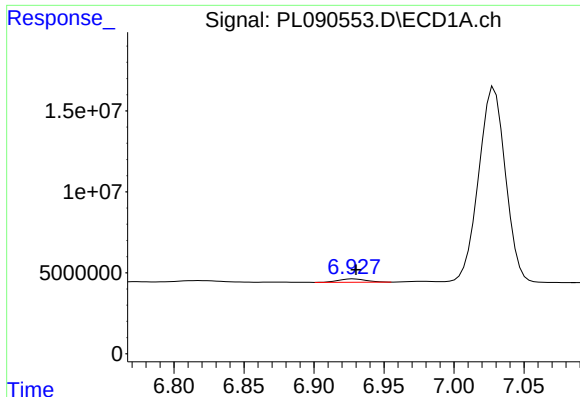
#17 4,4'-DDT

R.T.: 7.029 min
Delta R.T.: -0.001 min
Response: 161169311
Conc: 95.75 ng/ml



#17 4,4'-DDT

R.T.: 6.055 min
Delta R.T.: 0.000 min
Response: 171347675
Conc: 116.95 ng/ml



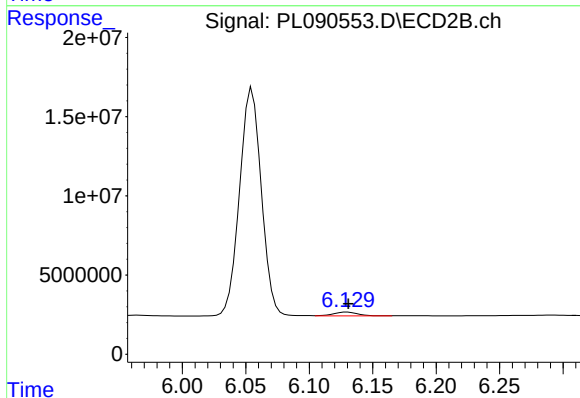
#18 Endrin aldehyde

R.T.: 6.927 min
Delta R.T.: -0.003 min
Response: 2841881
Conc: 1.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

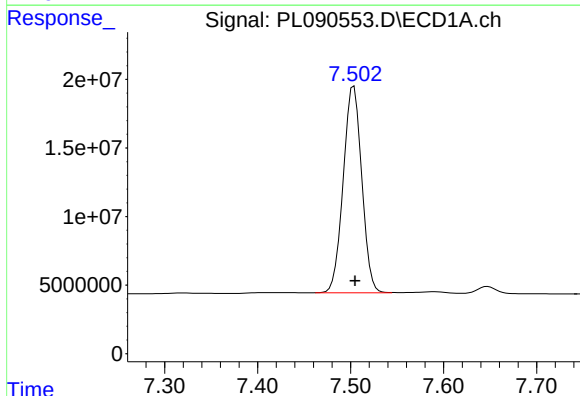
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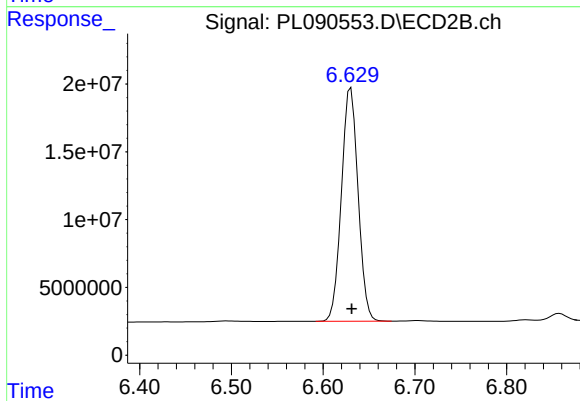
#18 Endrin aldehyde

R.T.: 6.130 min
Delta R.T.: 0.000 min
Response: 3079870
Conc: 2.36 ng/ml



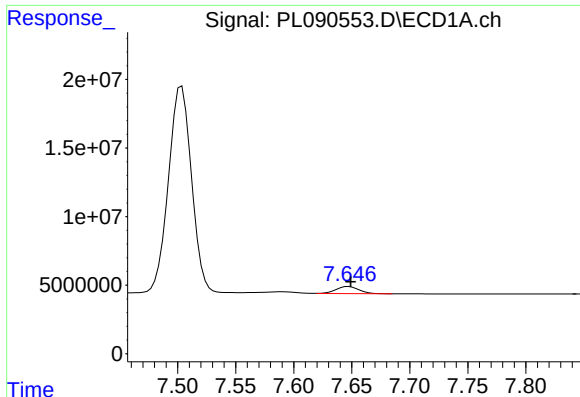
#20 Methoxychlor

R.T.: 7.502 min
Delta R.T.: -0.003 min
Response: 208477184
Conc: 236.12 ng/ml m



#20 Methoxychlor

R.T.: 6.629 min
Delta R.T.: -0.002 min
Response: 216951193
Conc: 268.32 ng/ml m



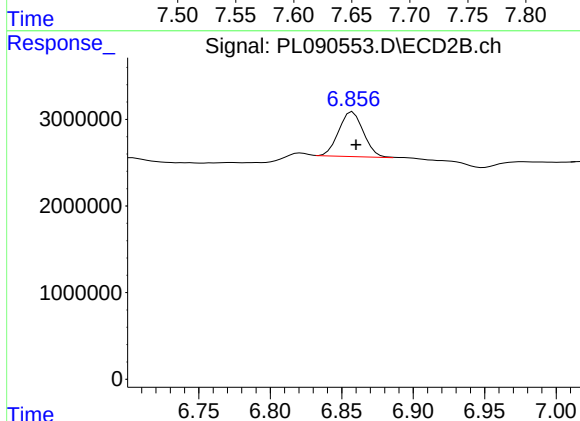
#21 Endrin ketone

R.T.: 7.647 min
Delta R.T.: -0.002 min
Response: 7129025
Conc: 3.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

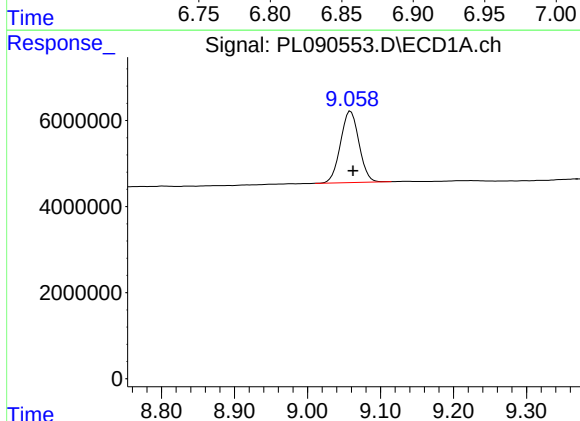
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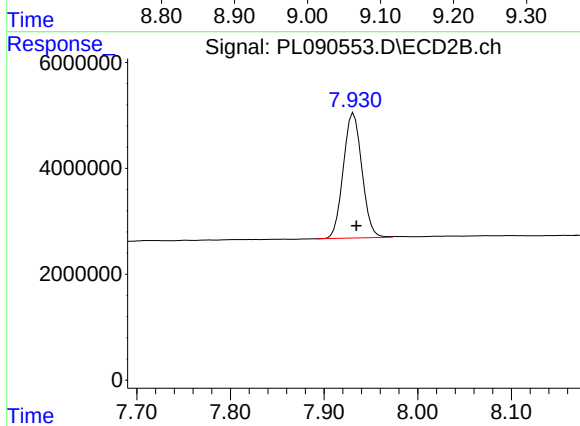
#21 Endrin ketone

R.T.: 6.856 min
Delta R.T.: -0.004 min
Response: 6224186
Conc: 3.41 ng/ml m



#28 Decachlorobiphenyl

R.T.: 9.059 min
Delta R.T.: -0.004 min
Response: 29179892
Conc: 21.96 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.932 min
Delta R.T.: -0.003 min
Response: 32575734
Conc: 22.34 ng/ml