

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092023\
 Data File : PL085427.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Sep 2023 11:10
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 09/21/2023
 Supervised By : Ankita Jodhani 09/21/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 21 00:13:57 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL091923.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 20 10:25:09 2023
 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...	3.412	2.652	65889032	27790105	19.783	18.268
28)	SA Decachlor...	8.946	7.830	69850379	38919147	20.521	19.879
Target Compounds							
2)	A alpha-BHC	3.869	3.155	47504589	20156240	9.639	8.650
3)	MA gamma-BHC...	4.202	3.485	46738322	19939768	9.562	8.656
6)	B beta-BHC	4.403	3.787	22240943	9852607	10.681	10.252
12)	B 4,4'-DDE	6.086	5.125	800935	171117	0.201	0.085m#
14)	MA Endrin	6.456	5.521	165.3E6	82036083	46.057	43.792
16)	A 4,4'-DDD	6.605	5.683	2719640	703017	0.835m	0.409m#
17)	MA 4,4'-DDT	6.919	5.936	348.9E6	183.1E6	97.195	100.491
18)	B Endrin al...	6.810	6.001	7764021	3490702	2.666m	2.203m
20)	A Methoxychlor	7.404	6.522	465.9E6	235.3E6	212.566	221.832
21)	B Endrin ke...	7.528	6.729	11833988	5037000	2.915m	2.017m#

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

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Data File : PL085427.D
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Acq On : 20 Sep 2023 11:10
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

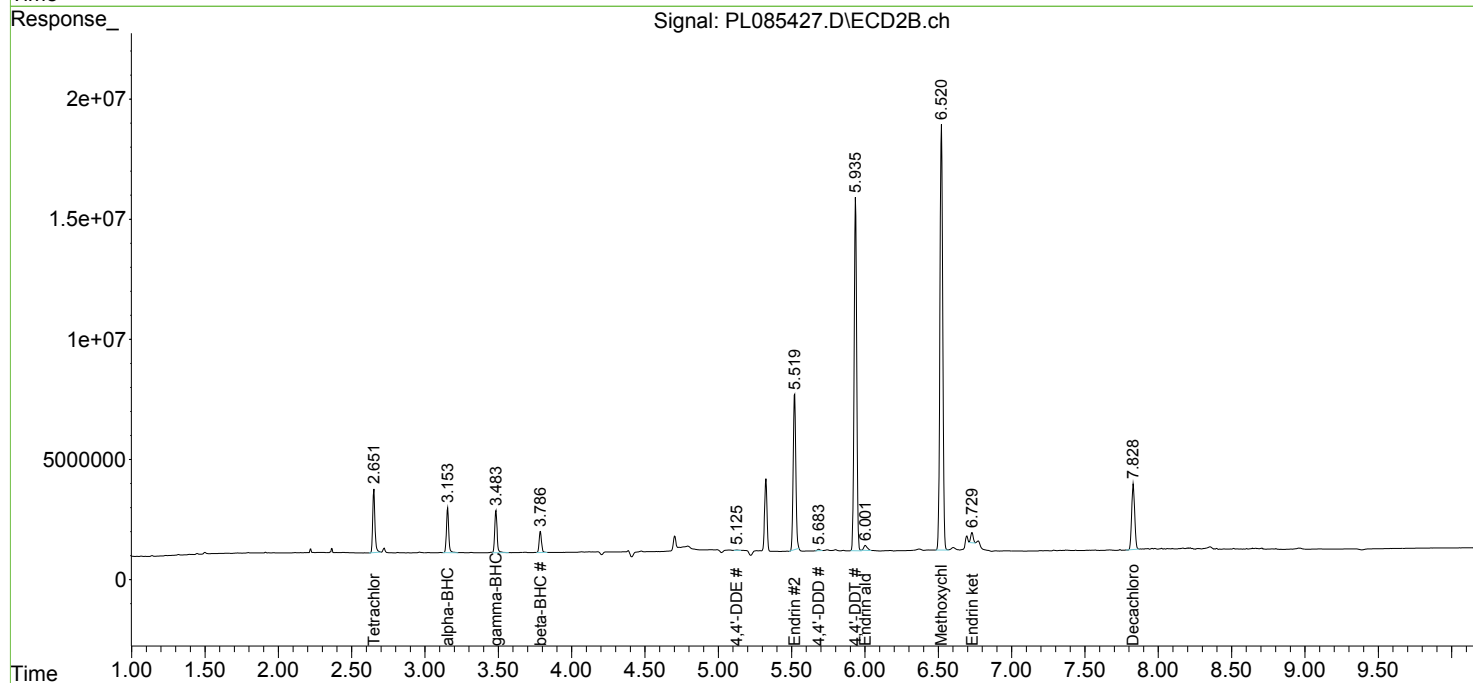
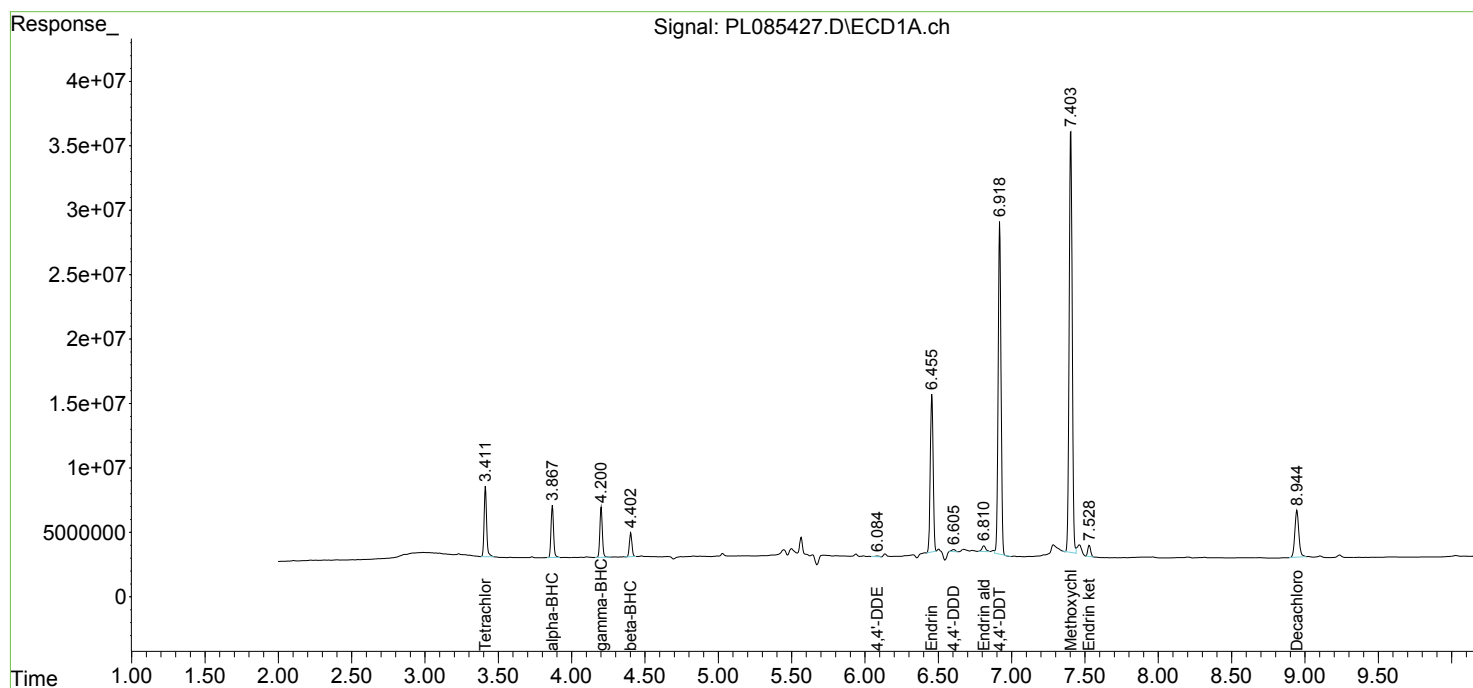
Instrument :
ECD_L
ClientSampleId :
PEM

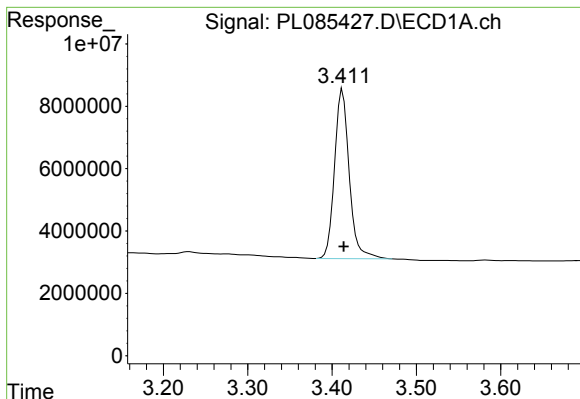
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Integration File signal 1: autoint1.e
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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





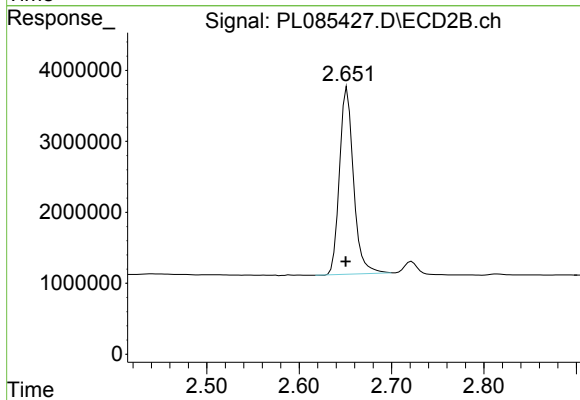
#1 Tetrachloro-m-xylene

R.T.: 3.412 min
Delta R.T.: -0.002 min
Response: 65889032
Conc: 19.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

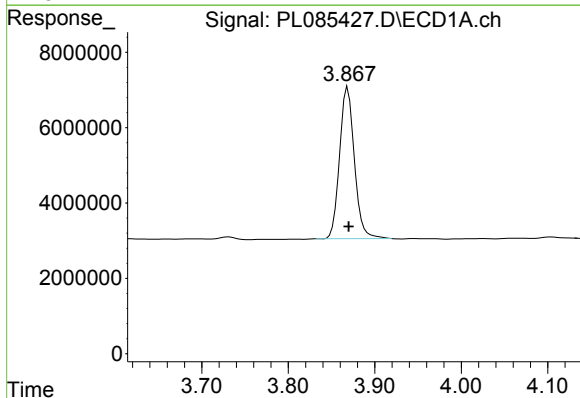
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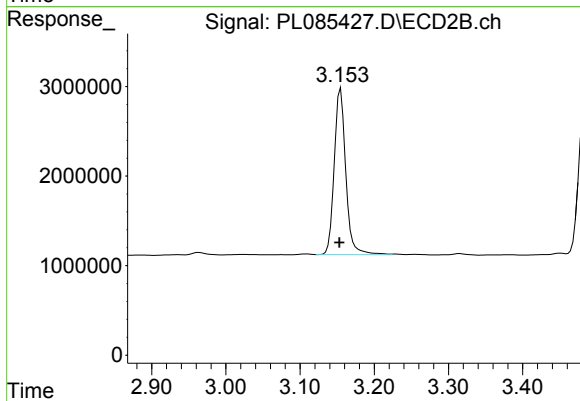
#1 Tetrachloro-m-xylene

R.T.: 2.652 min
Delta R.T.: 0.002 min
Response: 27790105
Conc: 18.27 ng/ml



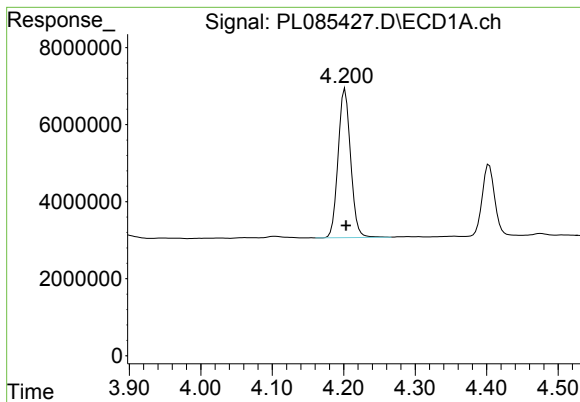
#2 alpha-BHC

R.T.: 3.869 min
Delta R.T.: -0.001 min
Response: 47504589
Conc: 9.64 ng/ml



#2 alpha-BHC

R.T.: 3.155 min
Delta R.T.: 0.002 min
Response: 20156240
Conc: 8.65 ng/ml



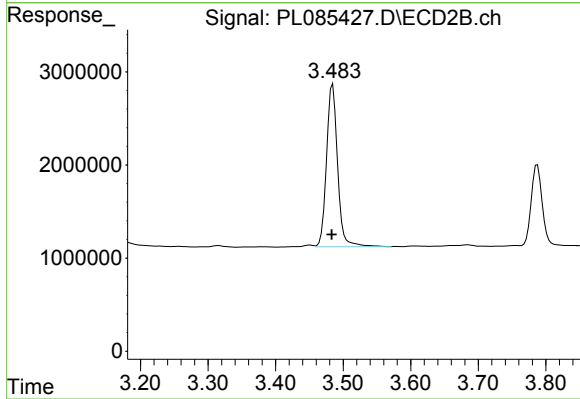
#3 gamma-BHC (Lindane)

R.T.: 4.202 min
Delta R.T.: -0.001 min
Response: 46738322
Conc: 9.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

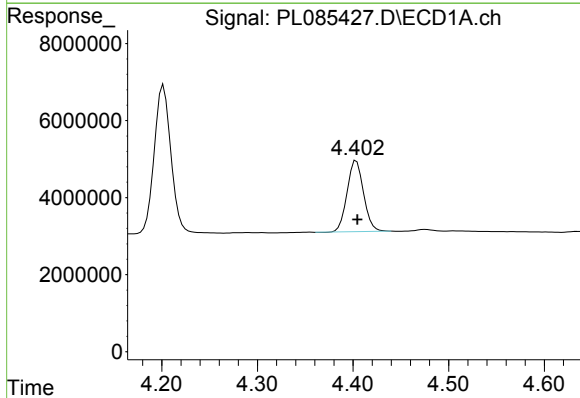
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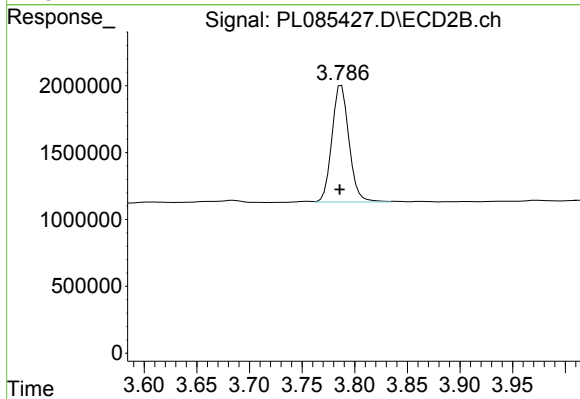
#3 gamma-BHC (Lindane)

R.T.: 3.485 min
Delta R.T.: 0.001 min
Response: 19939768
Conc: 8.66 ng/ml



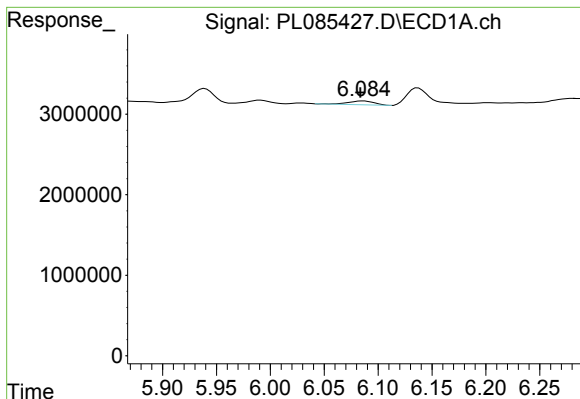
#6 beta-BHC

R.T.: 4.403 min
Delta R.T.: 0.000 min
Response: 22240943
Conc: 10.68 ng/ml



#6 beta-BHC

R.T.: 3.787 min
Delta R.T.: 0.002 min
Response: 9852607
Conc: 10.25 ng/ml



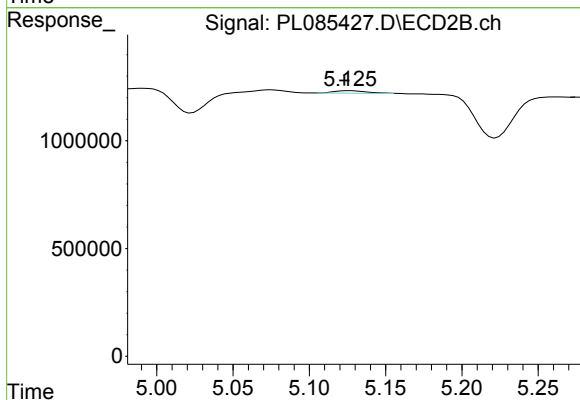
#12 4,4'-DDE

R.T.: 6.086 min
Delta R.T.: 0.002 min
Response: 800935
Conc: 0.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

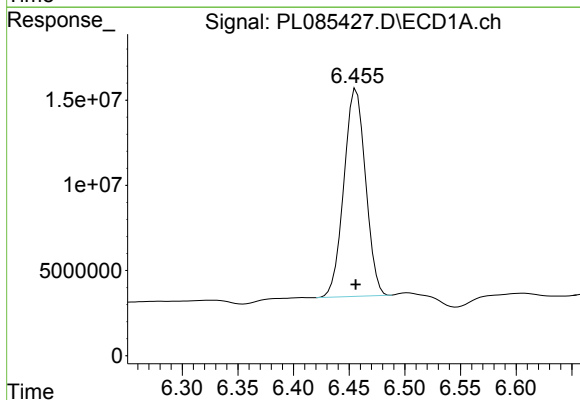
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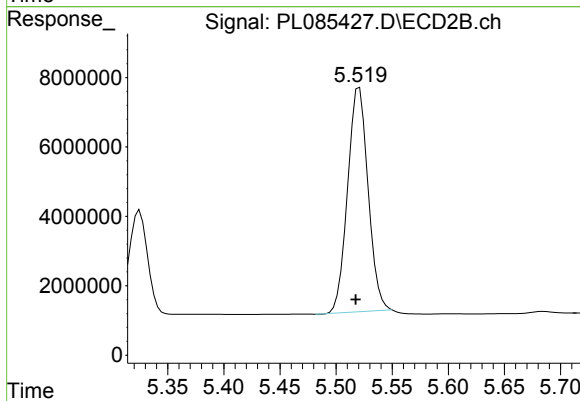
#12 4,4'-DDE

R.T.: 5.125 min
Delta R.T.: 0.002 min
Response: 171117
Conc: 0.08 ng/ml m



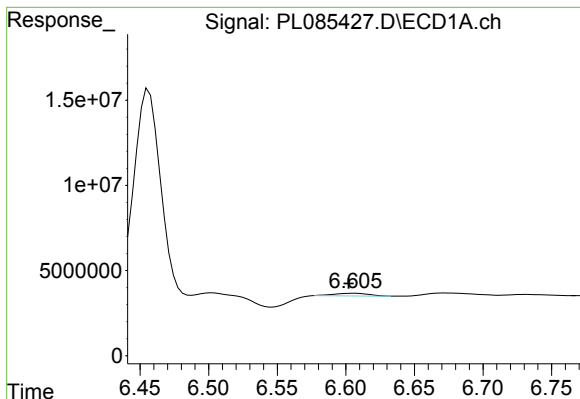
#14 Endrin

R.T.: 6.456 min
Delta R.T.: 0.000 min
Response: 165254033
Conc: 46.06 ng/ml



#14 Endrin

R.T.: 5.521 min
Delta R.T.: 0.003 min
Response: 82036083
Conc: 43.79 ng/ml



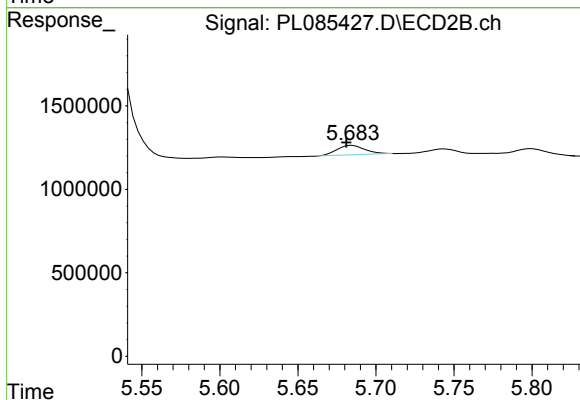
#16 4,4'-DDD

R.T.: 6.605 min
Delta R.T.: 0.003 min
Response: 2719640
Conc: 0.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

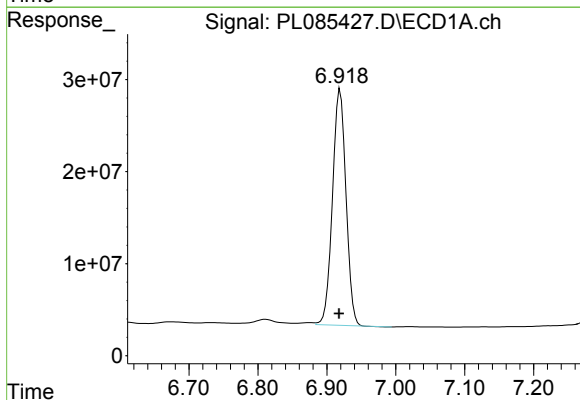
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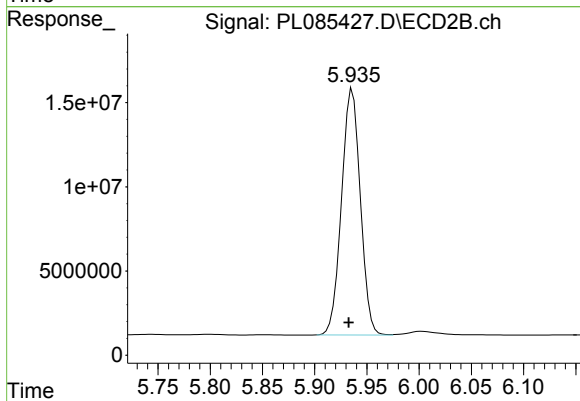
#16 4,4'-DDD

R.T.: 5.683 min
Delta R.T.: 0.002 min
Response: 703017
Conc: 0.41 ng/ml m



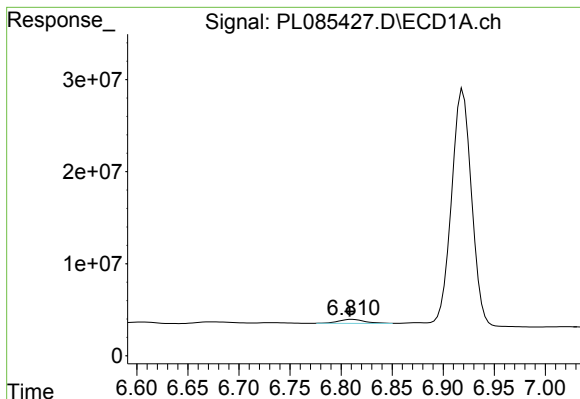
#17 4,4'-DDT

R.T.: 6.919 min
Delta R.T.: 0.002 min
Response: 348941372
Conc: 97.20 ng/ml



#17 4,4'-DDT

R.T.: 5.936 min
Delta R.T.: 0.004 min
Response: 183097422
Conc: 100.49 ng/ml



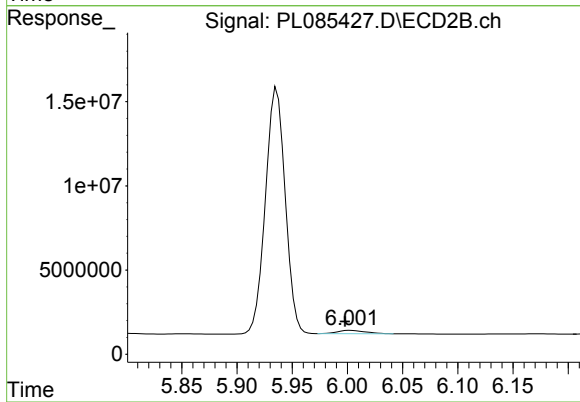
#18 Endrin aldehyde

R.T.: 6.810 min
Delta R.T.: 0.001 min
Response: 7764021
Conc: 2.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

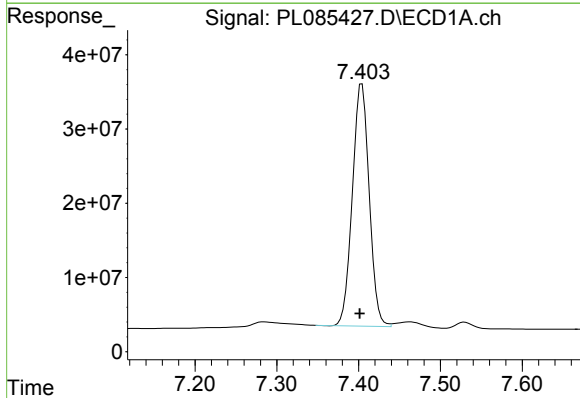
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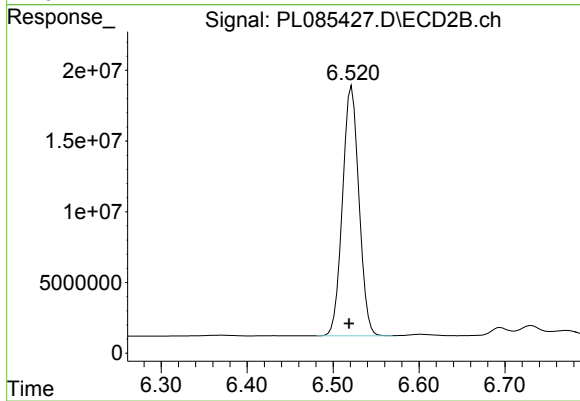
#18 Endrin aldehyde

R.T.: 6.001 min
Delta R.T.: 0.004 min
Response: 3490702
Conc: 2.20 ng/ml m



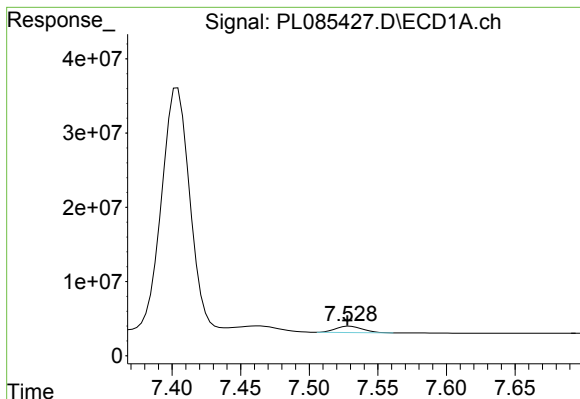
#20 Methoxychlor

R.T.: 7.404 min
Delta R.T.: 0.003 min
Response: 465851372
Conc: 212.57 ng/ml



#20 Methoxychlor

R.T.: 6.522 min
Delta R.T.: 0.003 min
Response: 235314004
Conc: 221.83 ng/ml



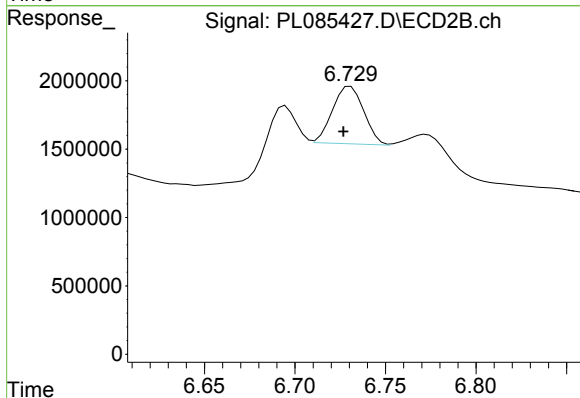
#21 Endrin ketone

R.T.: 7.528 min
Delta R.T.: 0.000 min
Response: 11833988
Conc: 2.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

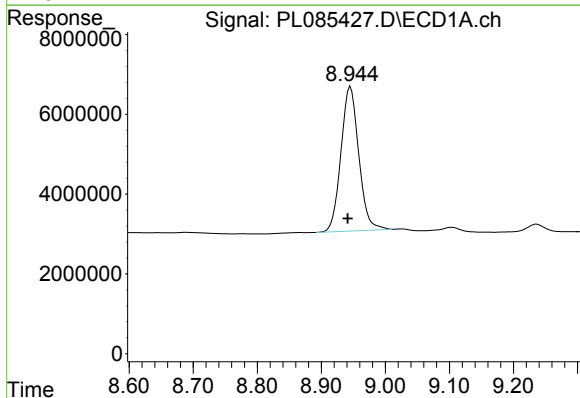
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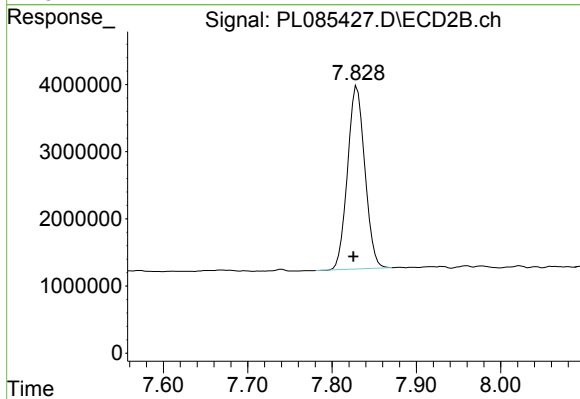
#21 Endrin ketone

R.T.: 6.729 min
Delta R.T.: 0.002 min
Response: 5037000
Conc: 2.02 ng/ml m



#28 Decachlorobiphenyl

R.T.: 8.946 min
Delta R.T.: 0.004 min
Response: 69850379
Conc: 20.52 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.830 min
Delta R.T.: 0.004 min
Response: 38919147
Conc: 19.88 ng/ml