

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL101623\
 Data File : PL085938.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Oct 2023 11:21
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/17/2023
 Supervised By :Ankita Jodhani 10/17/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 16 22:12:28 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL100323.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 04 05:29:39 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...	3.356	2.622	50772020	15503912	17.071	16.597
28)	SA Decachlor...	8.862	7.776	55143466	23484684	25.318	25.444
Target Compounds							
2)	A alpha-BHC	3.810	3.120	35169092	9533744	8.194	7.578
3)	MA gamma-BHC...	4.142	3.448	33863518	9267856	8.193	7.514
6)	B beta-BHC	4.345	3.750	16713941	5189309	10.107	9.968
12)	B 4,4'-DDE	6.020	5.081	815162	112399	0.291m	0.137m#
14)	MA Endrin	6.389	5.473	120.9E6	41269807	42.430	45.906
16)	A 4,4'-DDD	6.540	5.636	2519733	609500	1.251	0.876m#
17)	MA 4,4'-DDT	6.855	5.888	232.7E6	87386944	98.739	110.511
18)	B Endrin al...	6.744	5.952	3186061	1980449	1.572	2.656m#
20)	A Methoxychlor	7.341	6.473	309.4E6	121.1E6	221.516	230.191
21)	B Endrin ke...	7.462	6.678	6397572	3142929	2.221	2.734m

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

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Sample : PEM
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ALS Vial : 3 Sample Multiplier: 1

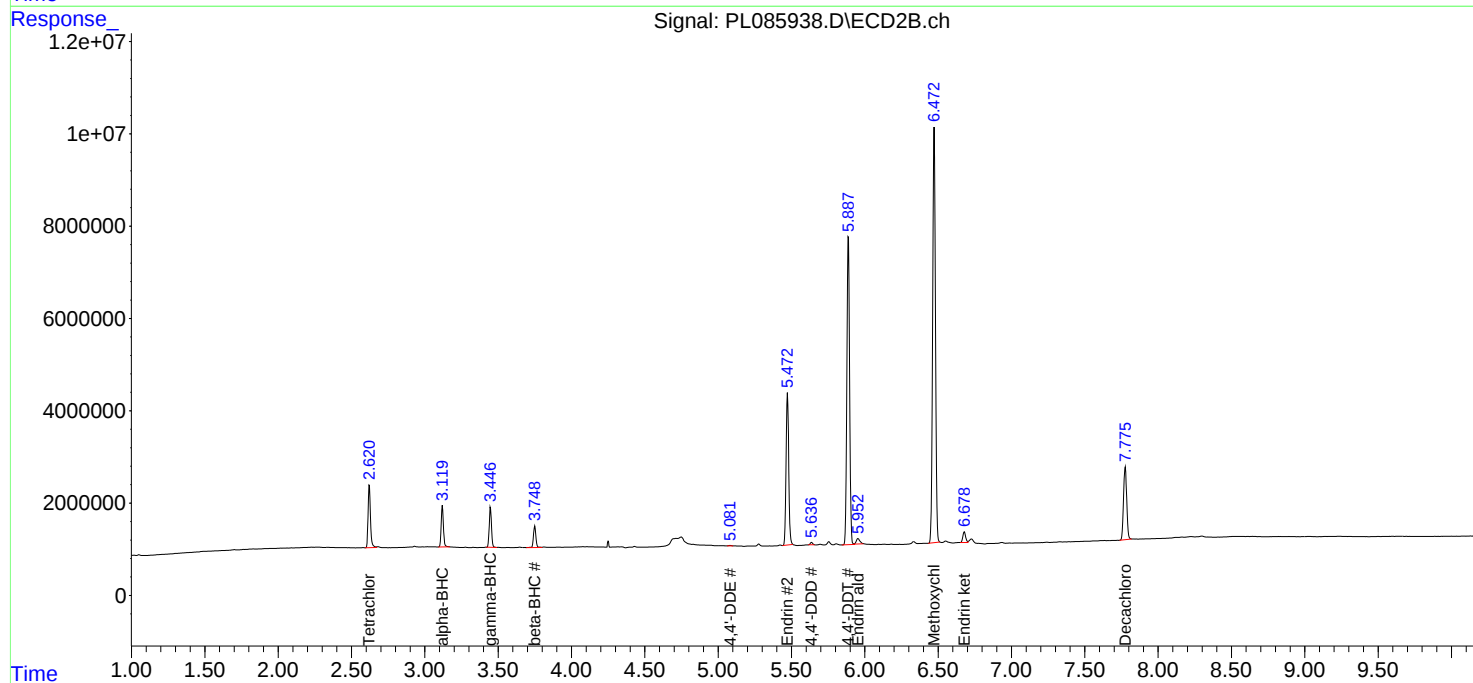
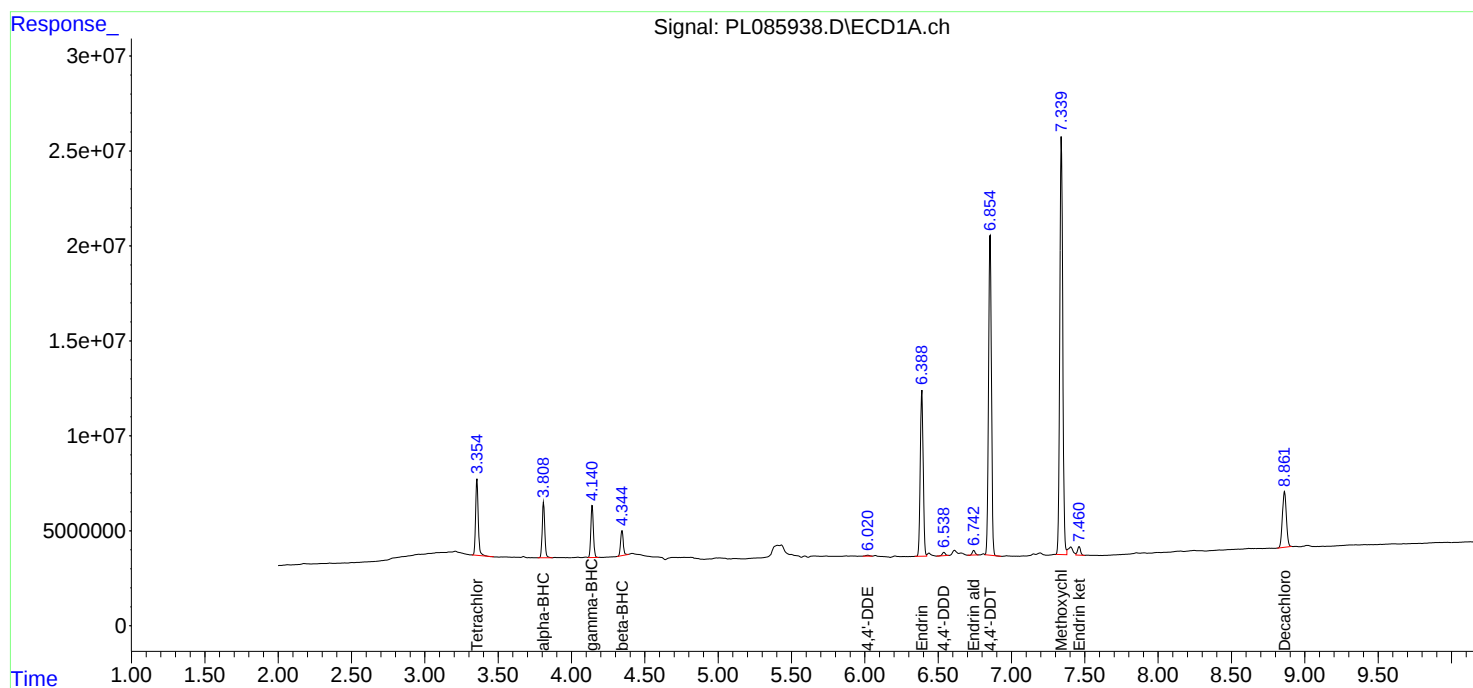
Instrument :
ECD_L
ClientSampleId :
PEM

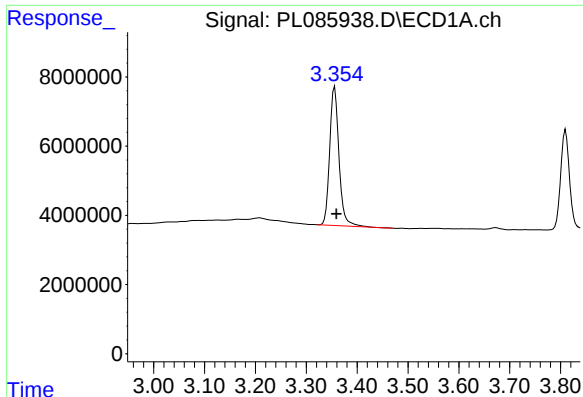
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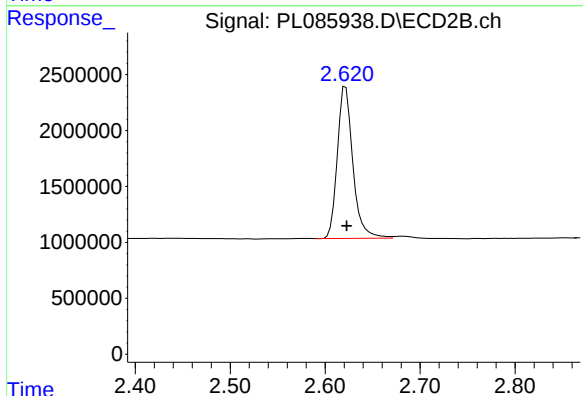
#1 Tetrachloro-m-xylene

R.T.: 3.356 min
Delta R.T.: -0.003 min
Response: 50772020
Conc: 17.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

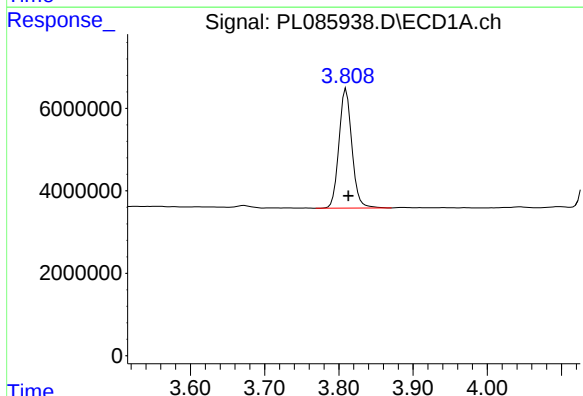
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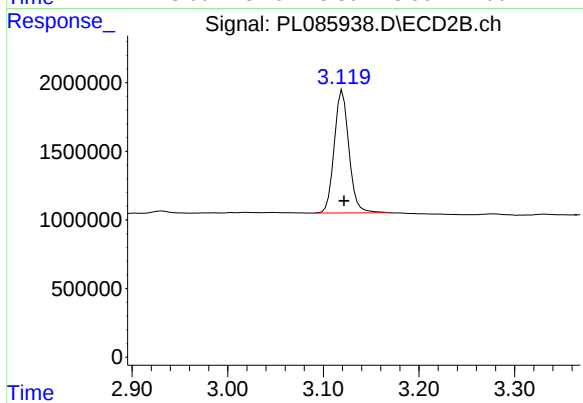
#1 Tetrachloro-m-xylene

R.T.: 2.622 min
Delta R.T.: -0.001 min
Response: 15503912
Conc: 16.60 ng/ml



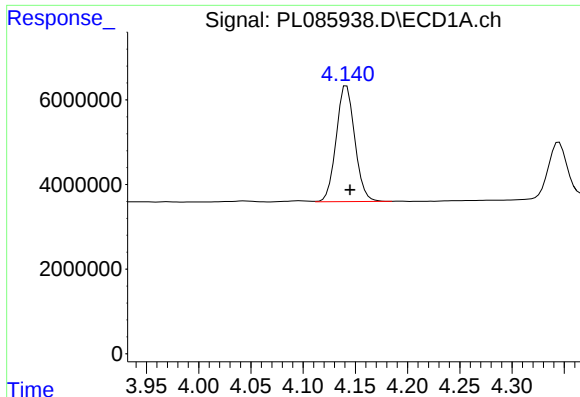
#2 alpha-BHC

R.T.: 3.810 min
Delta R.T.: -0.003 min
Response: 35169092
Conc: 8.19 ng/ml



#2 alpha-BHC

R.T.: 3.120 min
Delta R.T.: -0.002 min
Response: 9533744
Conc: 7.58 ng/ml



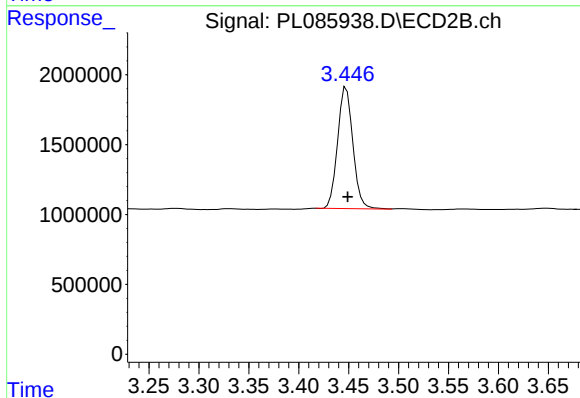
#3 gamma-BHC (Lindane)

R.T.: 4.142 min
Delta R.T.: -0.003 min
Response: 33863518
Conc: 8.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

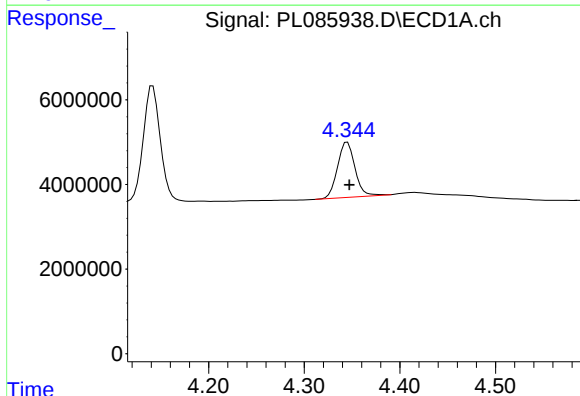
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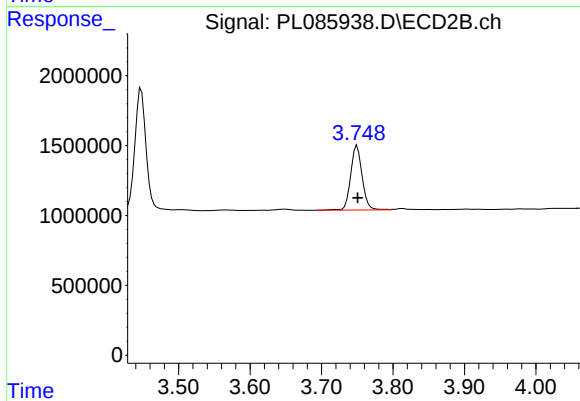
#3 gamma-BHC (Lindane)

R.T.: 3.448 min
Delta R.T.: -0.001 min
Response: 9267856
Conc: 7.51 ng/ml



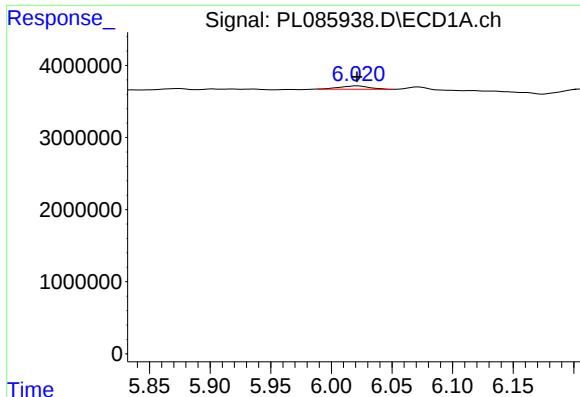
#6 beta-BHC

R.T.: 4.345 min
Delta R.T.: -0.002 min
Response: 16713941
Conc: 10.11 ng/ml



#6 beta-BHC

R.T.: 3.750 min
Delta R.T.: 0.000 min
Response: 5189309
Conc: 9.97 ng/ml



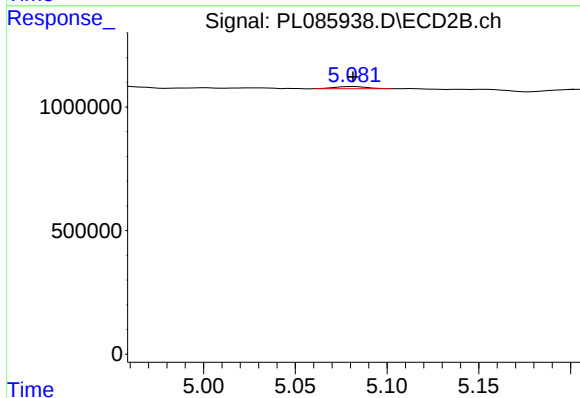
#12 4,4'-DDE

R.T.: 6.020 min
Delta R.T.: 0.000 min
Response: 815162
Conc: 0.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

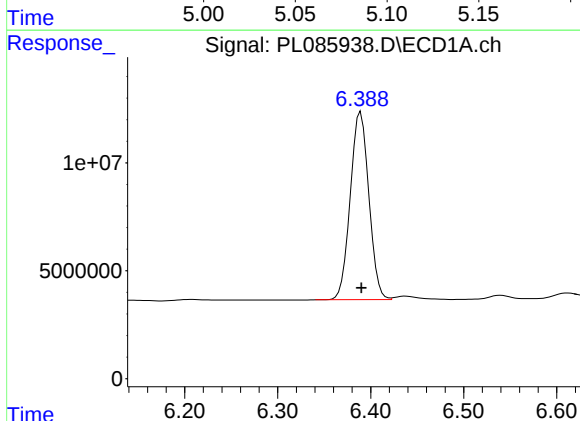
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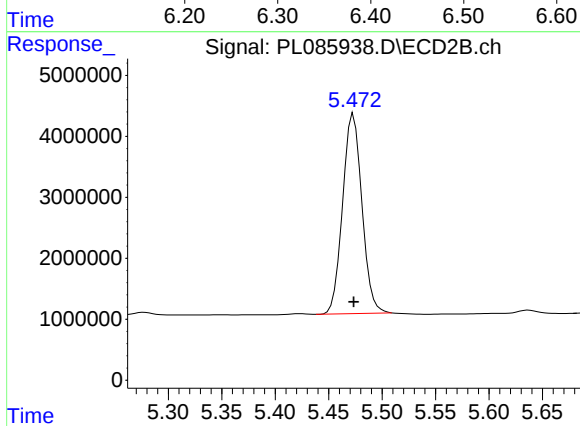
#12 4,4'-DDE

R.T.: 5.081 min
Delta R.T.: 0.000 min
Response: 112399
Conc: 0.14 ng/ml m



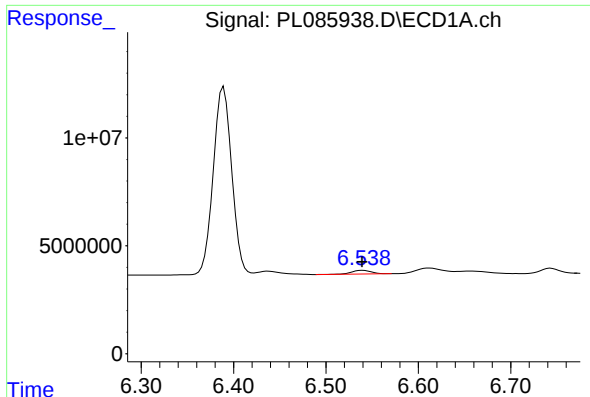
#14 Endrin

R.T.: 6.389 min
Delta R.T.: 0.000 min
Response: 120915081
Conc: 42.43 ng/ml



#14 Endrin

R.T.: 5.473 min
Delta R.T.: 0.000 min
Response: 41269807
Conc: 45.91 ng/ml



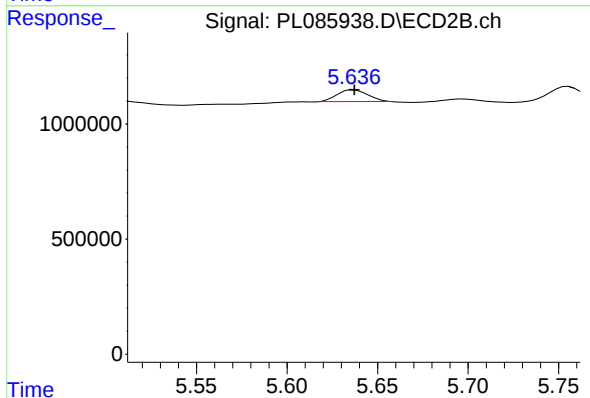
#16 4,4'-DDD

R.T.: 6.540 min
Delta R.T.: 0.000 min
Response: 2519733
Conc: 1.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

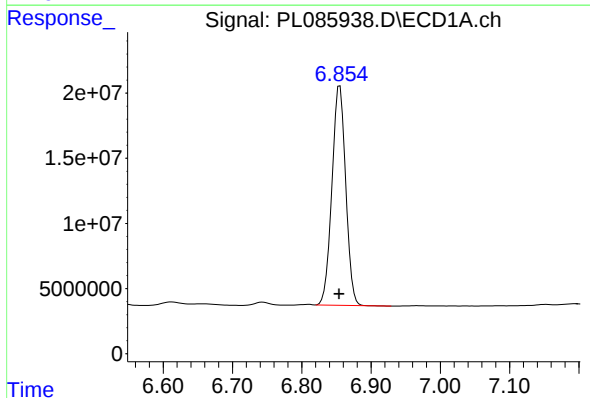
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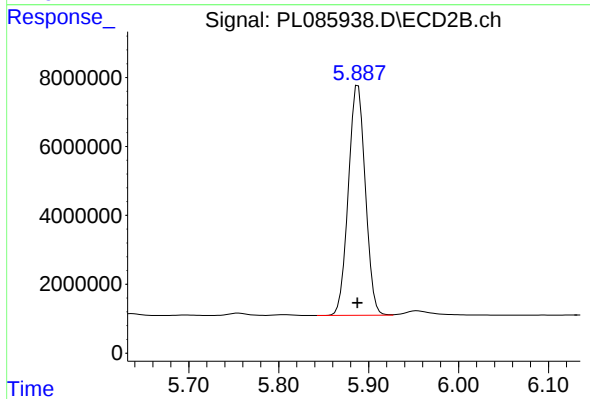
#16 4,4'-DDD

R.T.: 5.636 min
Delta R.T.: -0.002 min
Response: 609500
Conc: 0.88 ng/ml m



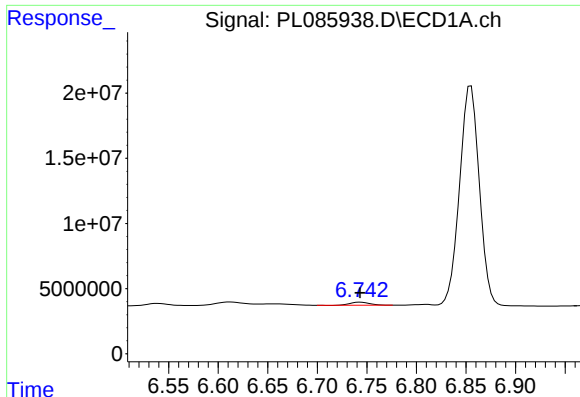
#17 4,4'-DDT

R.T.: 6.855 min
Delta R.T.: 0.000 min
Response: 232736311
Conc: 98.74 ng/ml



#17 4,4'-DDT

R.T.: 5.888 min
Delta R.T.: 0.000 min
Response: 87386944
Conc: 110.51 ng/ml



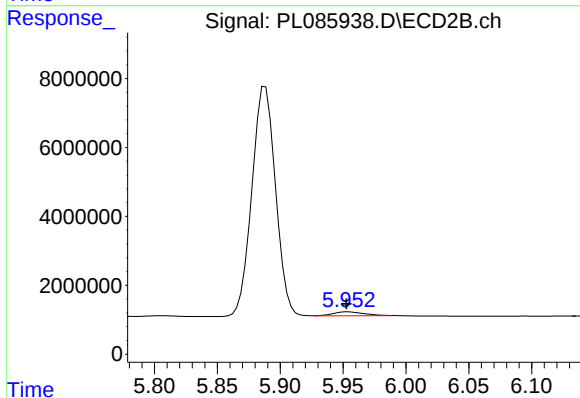
#18 Endrin aldehyde

R.T.: 6.744 min
Delta R.T.: 0.000 min
Response: 3186061
Conc: 1.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

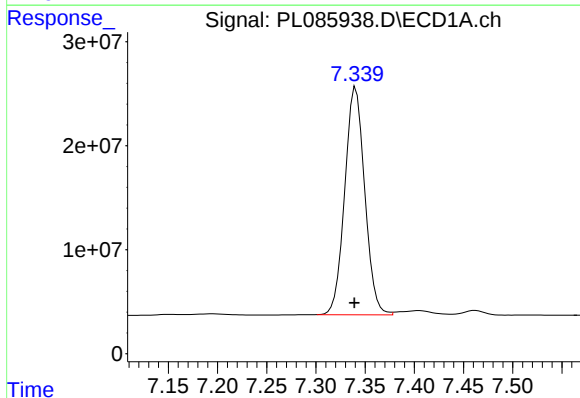
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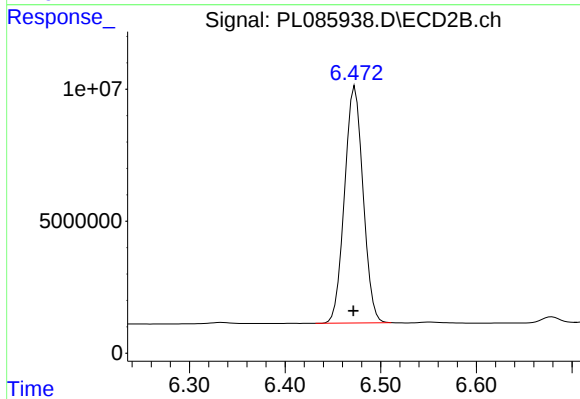
#18 Endrin aldehyde

R.T.: 5.952 min
Delta R.T.: 0.000 min
Response: 1980449
Conc: 2.66 ng/ml m



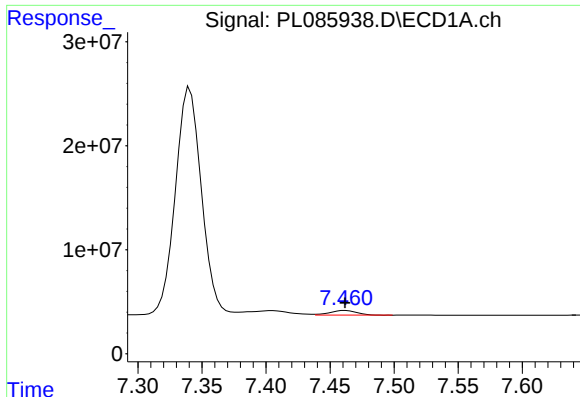
#20 Methoxychlor

R.T.: 7.341 min
Delta R.T.: 0.001 min
Response: 309373499
Conc: 221.52 ng/ml



#20 Methoxychlor

R.T.: 6.473 min
Delta R.T.: 0.002 min
Response: 121098295
Conc: 230.19 ng/ml



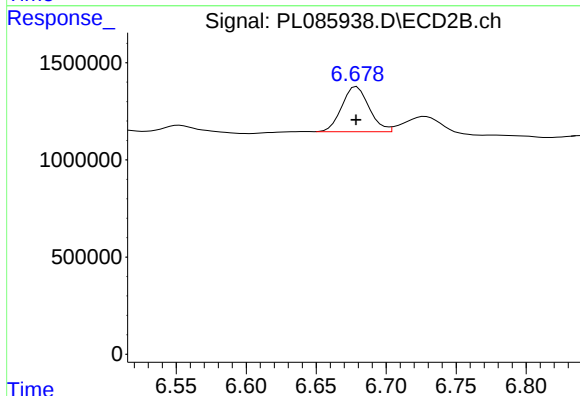
#21 Endrin ketone

R.T.: 7.462 min
Delta R.T.: 0.000 min
Response: 6397572
Conc: 2.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

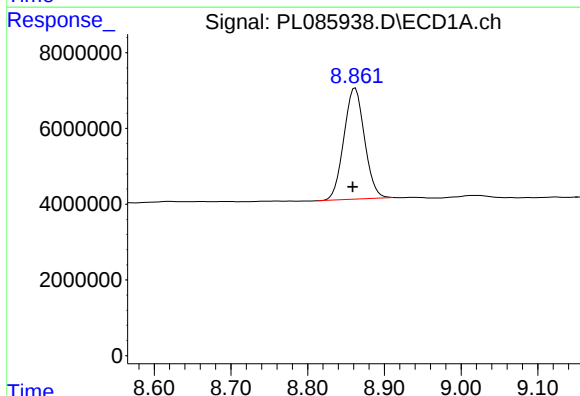
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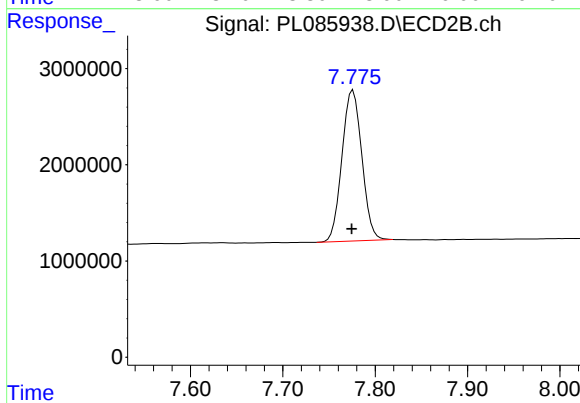
#21 Endrin ketone

R.T.: 6.678 min
Delta R.T.: 0.000 min
Response: 3142929
Conc: 2.73 ng/ml m



#28 Decachlorobiphenyl

R.T.: 8.862 min
Delta R.T.: 0.003 min
Response: 55143466
Conc: 25.32 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.776 min
Delta R.T.: 0.001 min
Response: 23484684
Conc: 25.44 ng/ml