

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL090922\
 Data File : PL077655.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Sep 2022 07:39
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 09/13/2022
 Supervised By : Ankita Jodhani 09/13/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 11 03:46:24 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL090722.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 07 14:34:08 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...	3.415	2.627	35001399	61215421	20.471	23.134
28)	SA Decachlor...	8.903	7.723	29193829	48780085	19.464	24.735 #
Target Compounds							
2)	A alpha-BHC	3.880	3.119	23899657	45663547	9.312	11.402
3)	MA gamma-BHC...	4.216	3.443	23209048	40274364	9.699	12.883 #
6)	B beta-BHC	4.428	3.743	10819111	17734256	10.545	12.392
14)	MA Endrin	6.459	5.448	72505812	132.4E6	47.889	64.245 #
16)	A 4,4'-DDD	6.600	5.606	1664000	3953834	1.260	1.920 #
17)	MA 4,4'-DDT	6.911	5.853	143.0E6	251.8E6	90.169	117.949 #
18)	B Endrin al...	6.818	5.925	1667232	3735091	1.429	2.148 #
20)	A Methoxychlor	7.392	6.431	186.6E6	311.0E6	235.296	264.692
21)	B Endrin ke...	7.538	6.643	3760458	11470843	2.436	4.729m#

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

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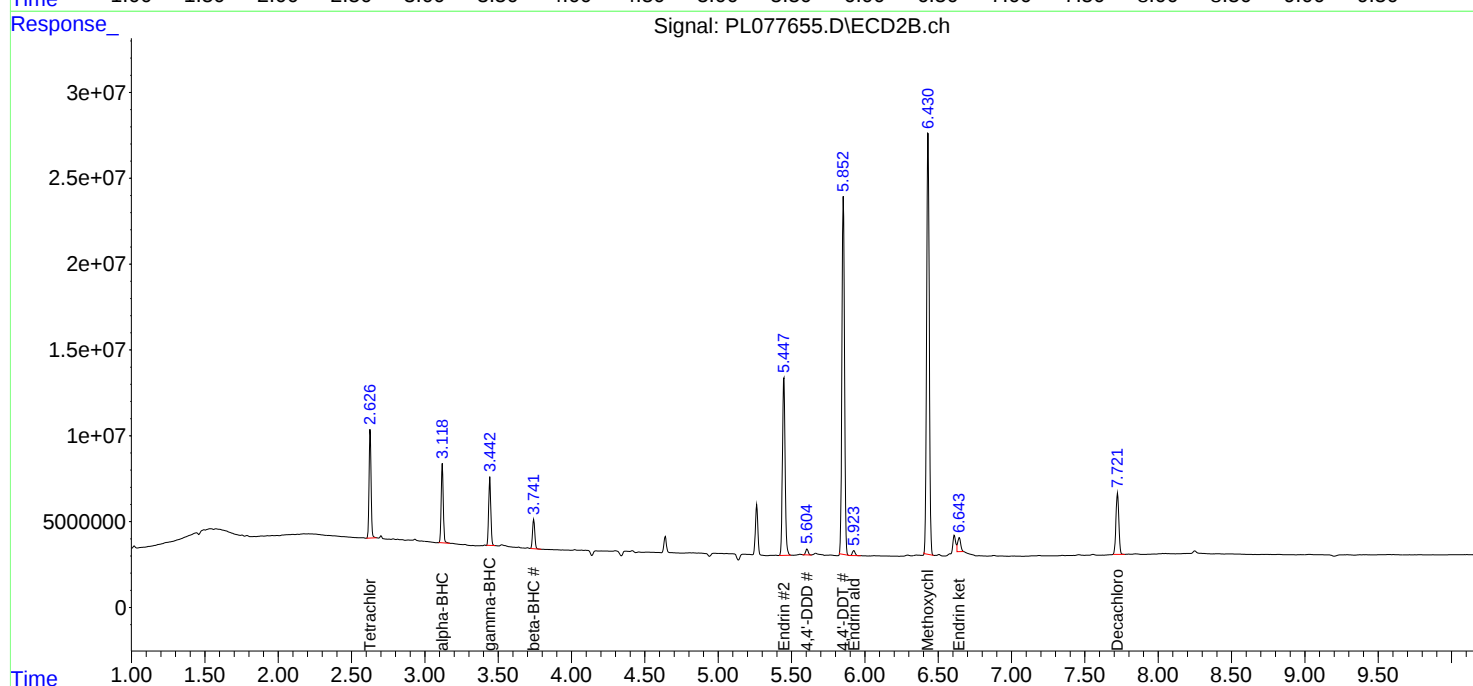
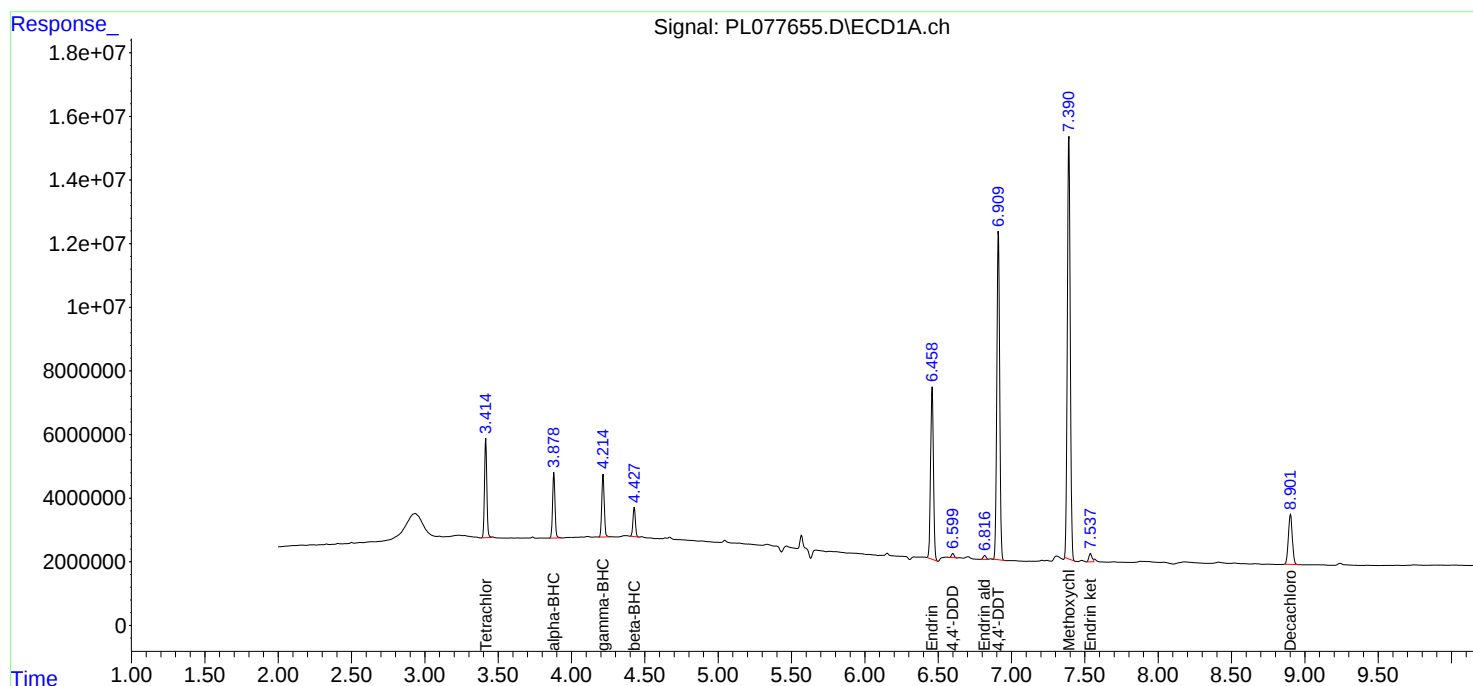
Instrument :
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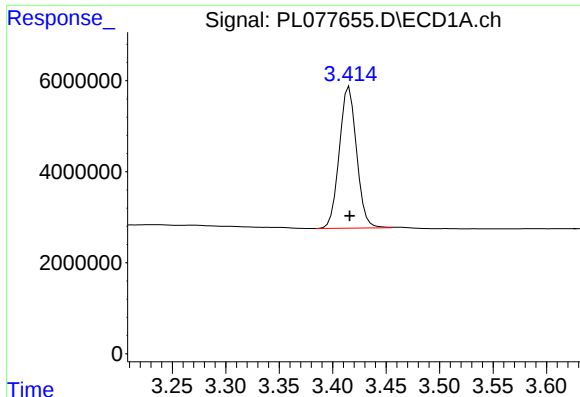
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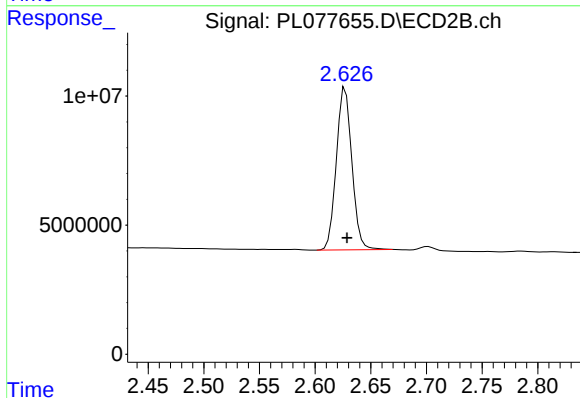
#1 Tetrachloro-m-xylene

R.T.: 3.415 min
Delta R.T.: 0.000 min
Response: 35001399
Conc: 20.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

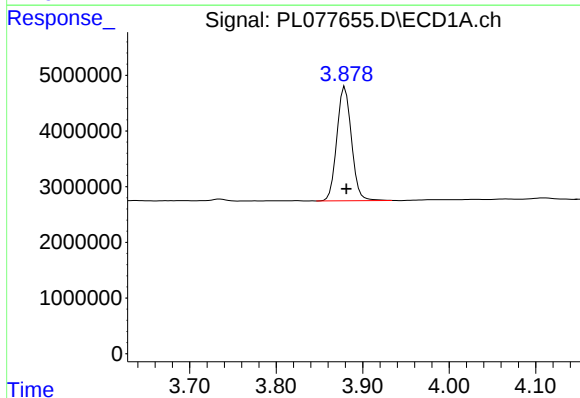
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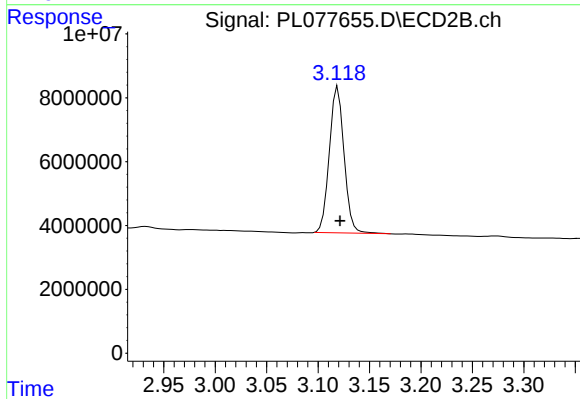
#1 Tetrachloro-m-xylene

R.T.: 2.627 min
Delta R.T.: -0.002 min
Response: 61215421
Conc: 23.13 ng/ml



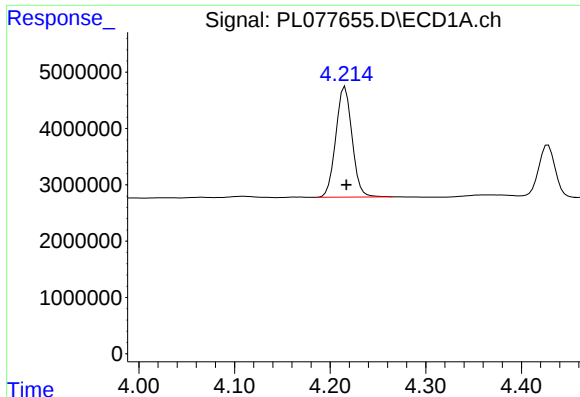
#2 alpha-BHC

R.T.: 3.880 min
Delta R.T.: -0.002 min
Response: 23899657
Conc: 9.31 ng/ml



#2 alpha-BHC

R.T.: 3.119 min
Delta R.T.: -0.002 min
Response: 45663547
Conc: 11.40 ng/ml



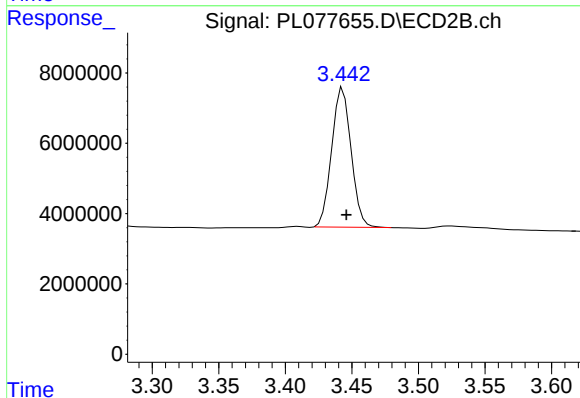
#3 gamma-BHC (Lindane)

R.T.: 4.216 min
Delta R.T.: -0.001 min
Response: 23209048
Conc: 9.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

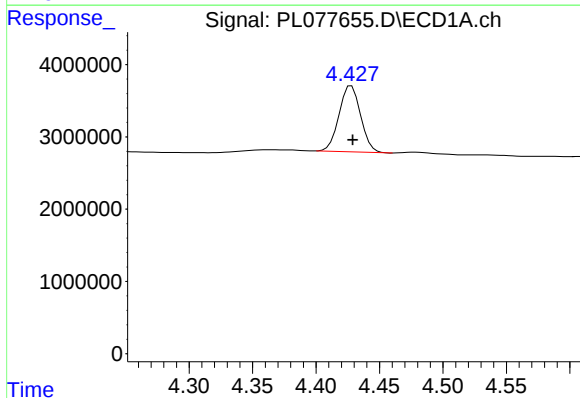
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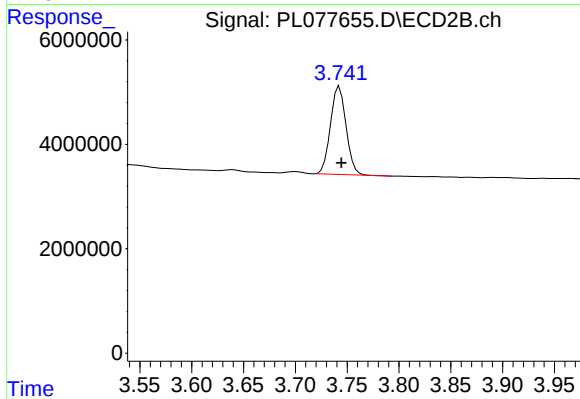
#3 gamma-BHC (Lindane)

R.T.: 3.443 min
Delta R.T.: -0.003 min
Response: 40274364
Conc: 12.88 ng/ml



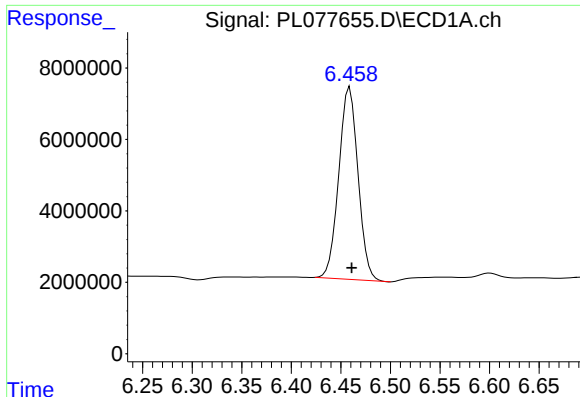
#6 beta-BHC

R.T.: 4.428 min
Delta R.T.: -0.001 min
Response: 10819111
Conc: 10.55 ng/ml



#6 beta-BHC

R.T.: 3.743 min
Delta R.T.: -0.002 min
Response: 17734256
Conc: 12.39 ng/ml



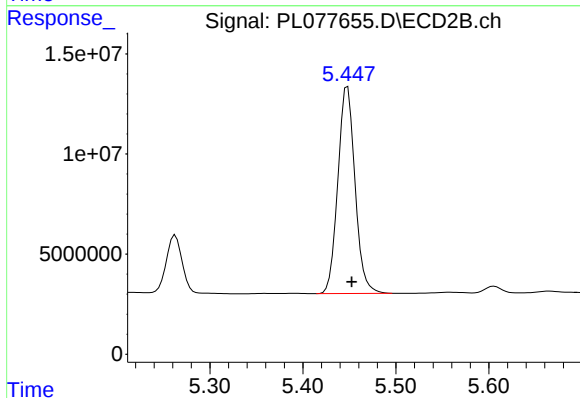
#14 Endrin

R.T.: 6.459 min
Delta R.T.: -0.002 min
Response: 72505812
Conc: 47.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

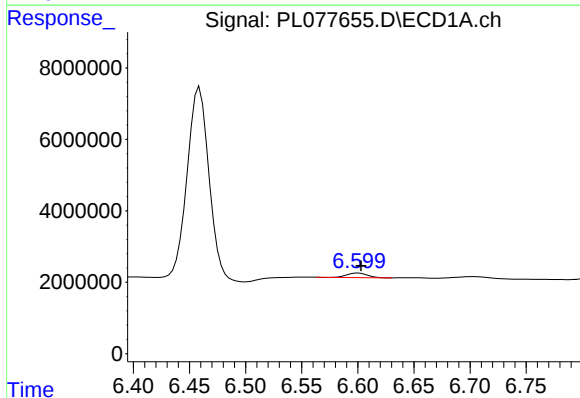
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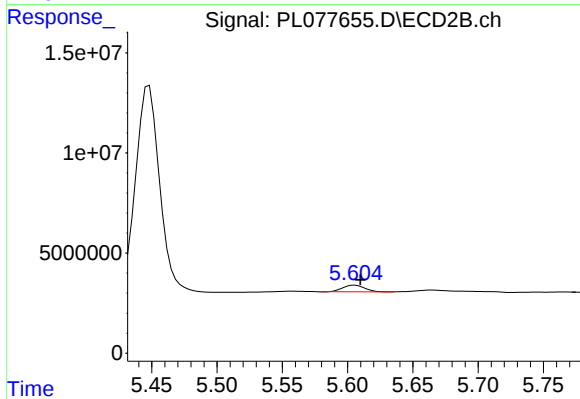
#14 Endrin

R.T.: 5.448 min
Delta R.T.: -0.005 min
Response: 132433198
Conc: 64.24 ng/ml



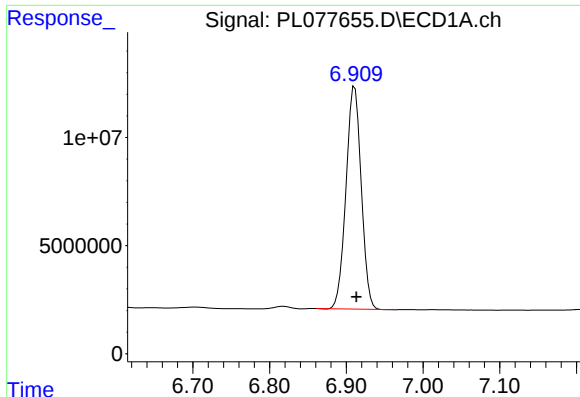
#16 4,4'-DDD

R.T.: 6.600 min
Delta R.T.: -0.003 min
Response: 1664000
Conc: 1.26 ng/ml



#16 4,4'-DDD

R.T.: 5.606 min
Delta R.T.: -0.004 min
Response: 3953834
Conc: 1.92 ng/ml



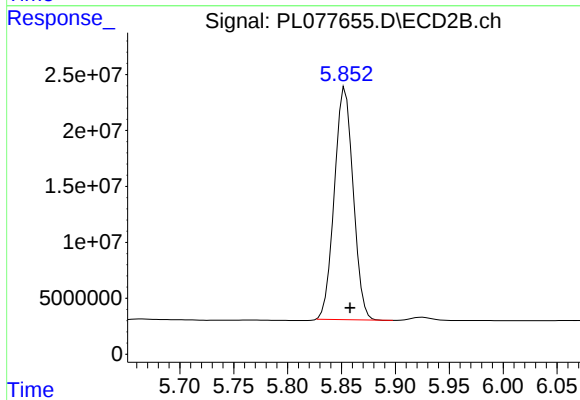
#17 4,4'-DDT

R.T.: 6.911 min
Delta R.T.: -0.002 min
Response: 142953427
Conc: 90.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

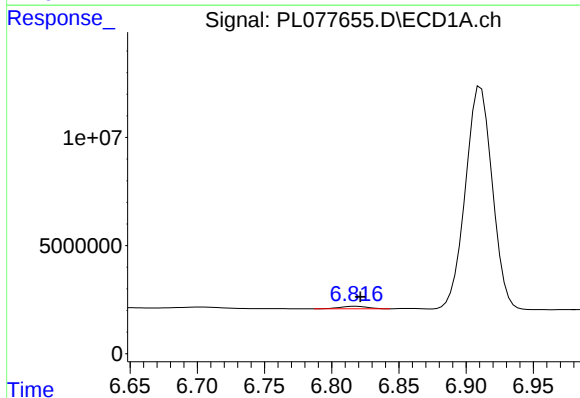
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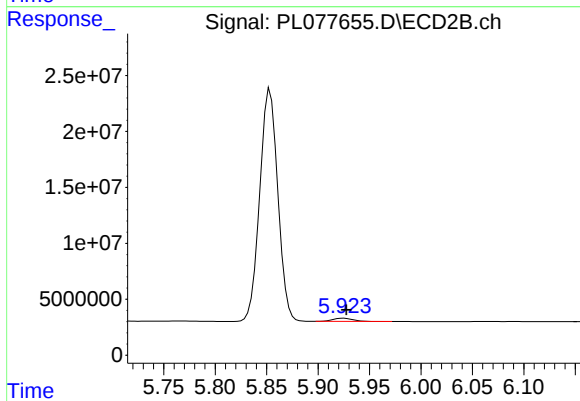
#17 4,4'-DDT

R.T.: 5.853 min
Delta R.T.: -0.005 min
Response: 251783366
Conc: 117.95 ng/ml



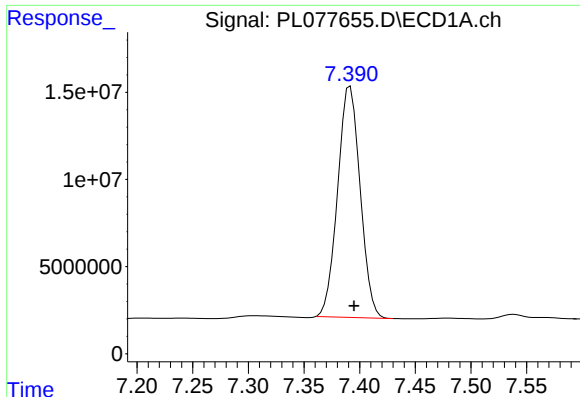
#18 Endrin aldehyde

R.T.: 6.818 min
Delta R.T.: -0.003 min
Response: 1667232
Conc: 1.43 ng/ml



#18 Endrin aldehyde

R.T.: 5.925 min
Delta R.T.: -0.003 min
Response: 3735091
Conc: 2.15 ng/ml



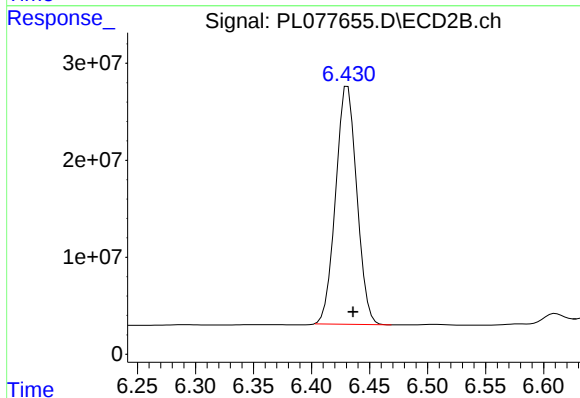
#20 Methoxychlor

R.T.: 7.392 min
Delta R.T.: -0.004 min
Response: 186640764
Conc: 235.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

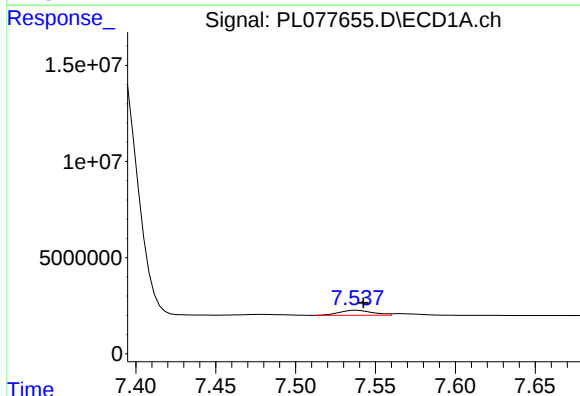
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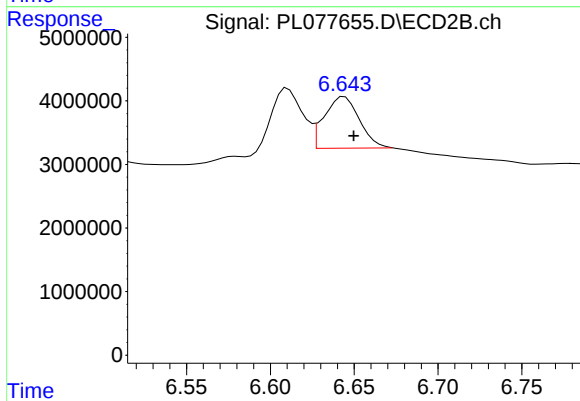
#20 Methoxychlor

R.T.: 6.431 min
Delta R.T.: -0.005 min
Response: 311033934
Conc: 264.69 ng/ml



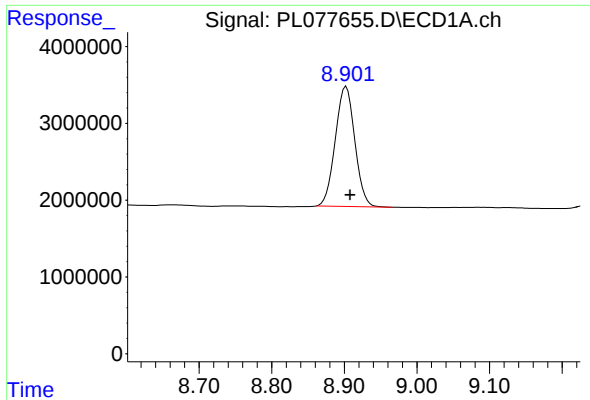
#21 Endrin ketone

R.T.: 7.538 min
Delta R.T.: -0.004 min
Response: 3760458
Conc: 2.44 ng/ml



#21 Endrin ketone

R.T.: 6.643 min
Delta R.T.: -0.007 min
Response: 11470843
Conc: 4.73 ng/ml m



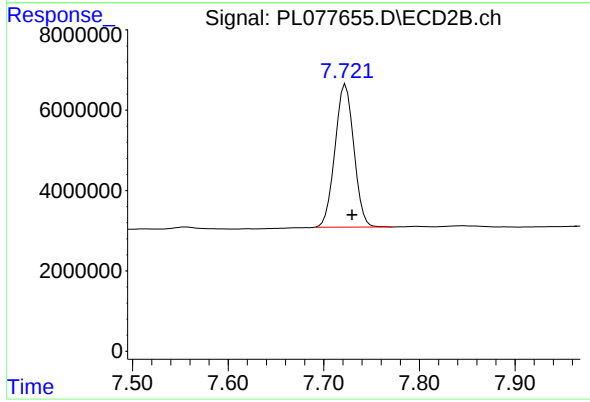
#28 Decachlorobiphenyl

R.T.: 8.903 min
Delta R.T.: -0.005 min
Response: 29193829
Conc: 19.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 7.723 min
Delta R.T.: -0.007 min
Response: 48780085
Conc: 24.74 ng/ml