

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL090122\
 Data File : PL077436.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Sep 2022 09:11
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 09/02/2022
 Supervised By : Ankita Jodhani 09/02/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 01 16:46:21 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL082222.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 23 05:36:06 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...	3.420	2.633	31028372	62110220	22.804	20.210
28)	SA Decachlor...	8.910	7.735	27043773	50004432	23.077	17.921
Target Compounds							
2)	A alpha-BHC	3.884	3.126	21119621	45745683	11.400	10.476
3)	MA gamma-BHC...	4.220	3.450	20454377	42589016	11.685	10.902
6)	B beta-BHC	4.432	3.749	9360505	17797196	12.596	10.792
14)	MA Endrin	6.465	5.458	69645857	142.0E6	59.035	51.928
16)	A 4,4'-DDD	6.605	5.613	858728	2378245	0.841m	0.889m
17)	MA 4,4'-DDT	6.917	5.864	127.1E6	263.5E6	113.792	100.050
18)	B Endrin al...	6.823	5.933	1604736	3830593	1.758m	1.831m
20)	A Methoxychlor	7.398	6.441	169.2E6	324.5E6	280.942	229.993
21)	B Endrin ke...	7.544	6.654	3135811	4685268	2.570m	1.626m#

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

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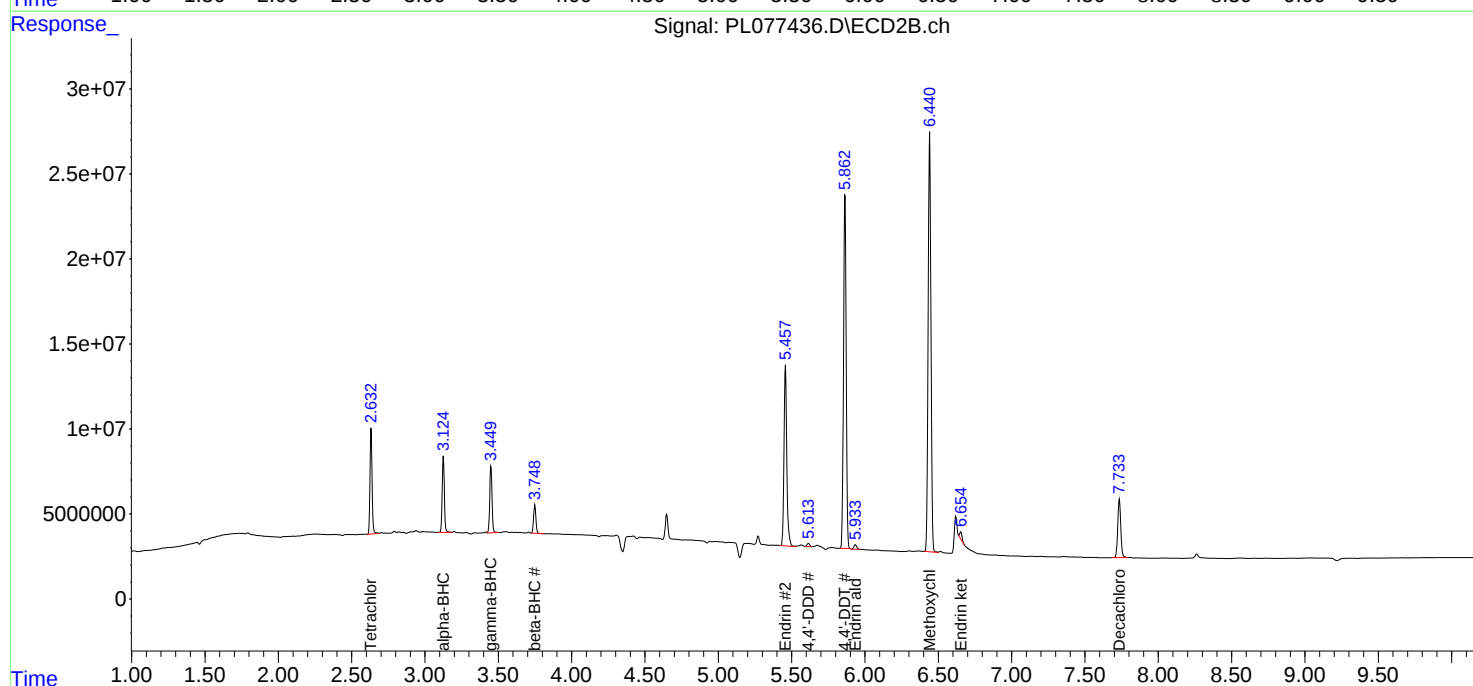
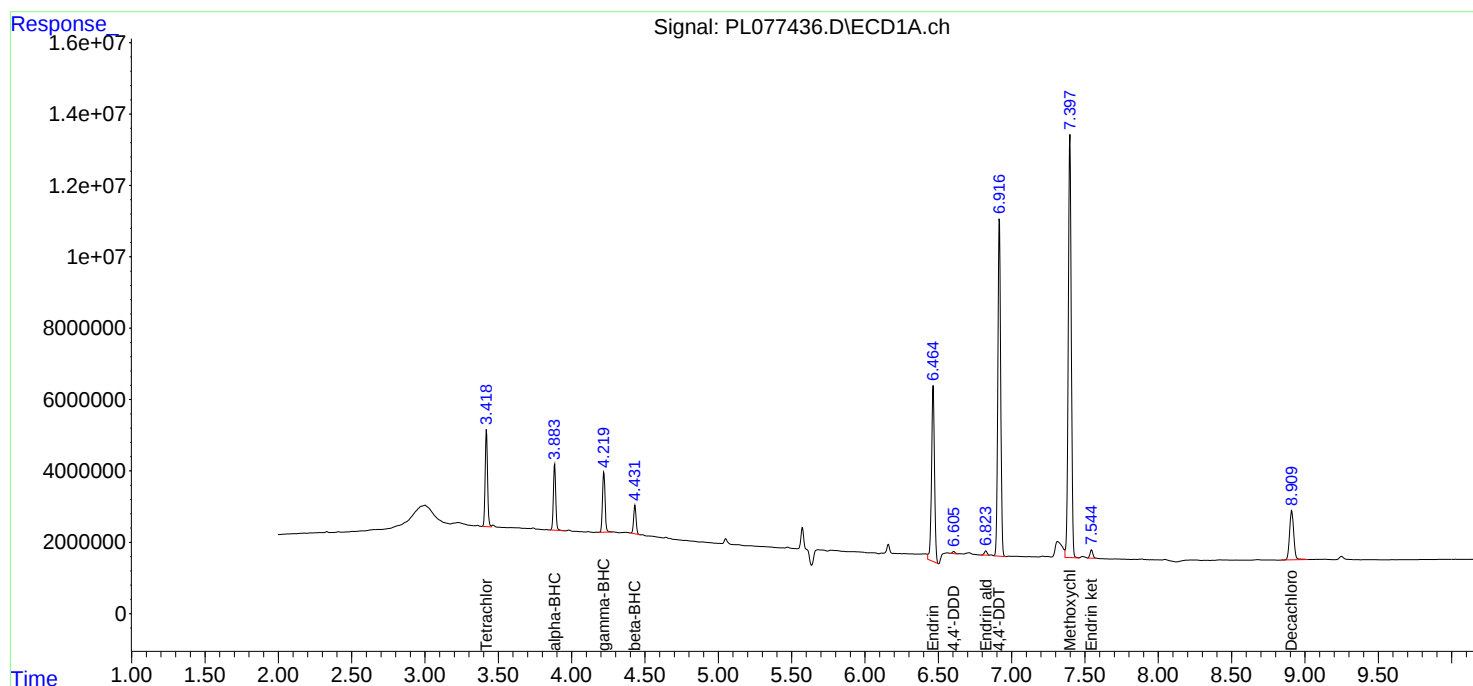
Instrument :
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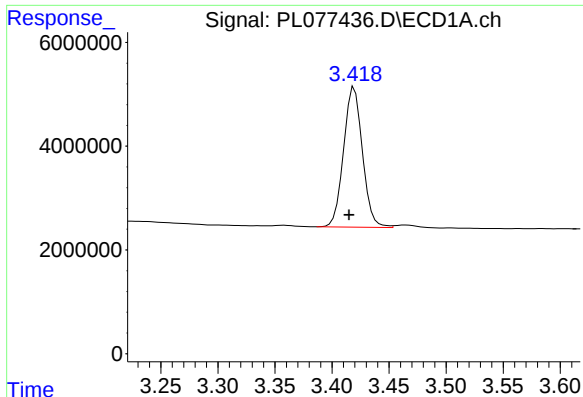
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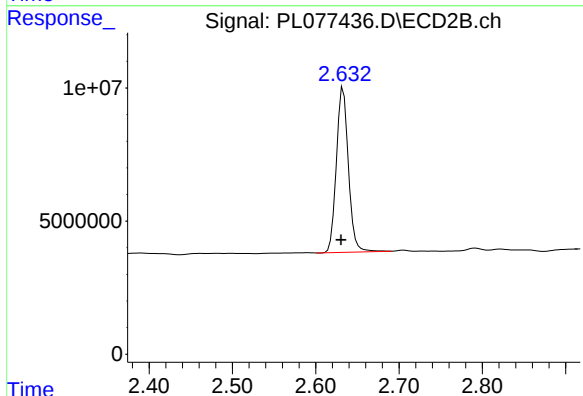
#1 Tetrachloro-m-xylene

R.T.: 3.420 min
Delta R.T.: 0.005 min
Response: 31028372
Conc: 22.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

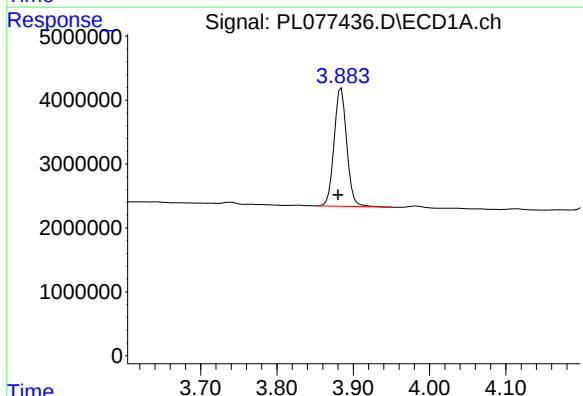
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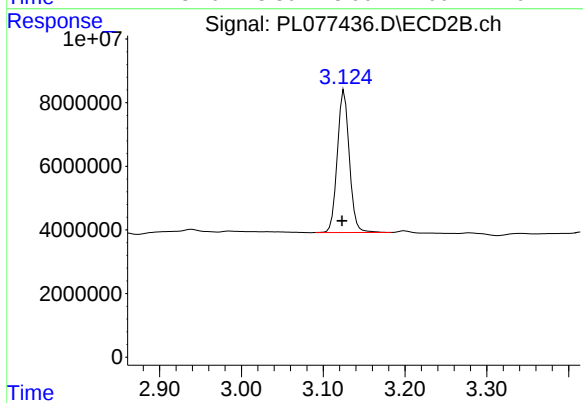
#1 Tetrachloro-m-xylene

R.T.: 2.633 min
Delta R.T.: 0.003 min
Response: 62110220
Conc: 20.21 ng/ml



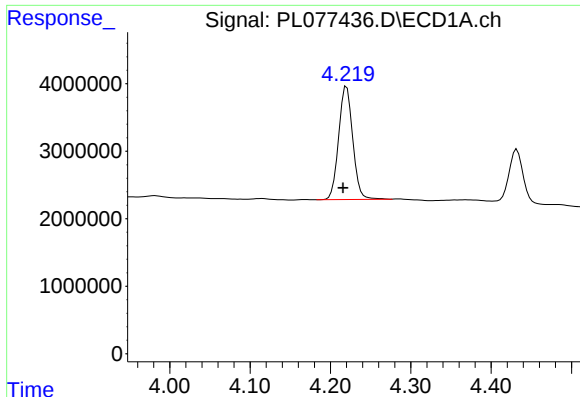
#2 alpha-BHC

R.T.: 3.884 min
Delta R.T.: 0.004 min
Response: 21119621
Conc: 11.40 ng/ml



#2 alpha-BHC

R.T.: 3.126 min
Delta R.T.: 0.003 min
Response: 45745683
Conc: 10.48 ng/ml



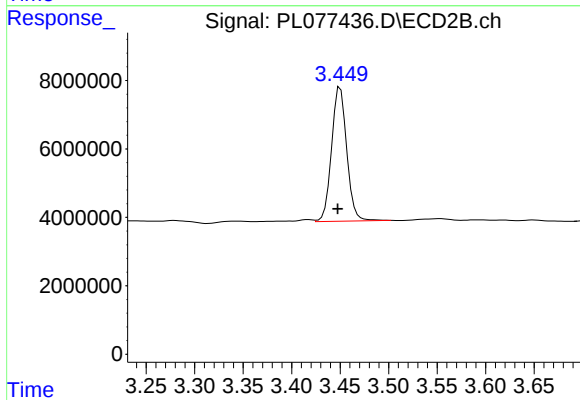
#3 gamma-BHC (Lindane)

R.T.: 4.220 min
Delta R.T.: 0.004 min
Response: 20454377
Conc: 11.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

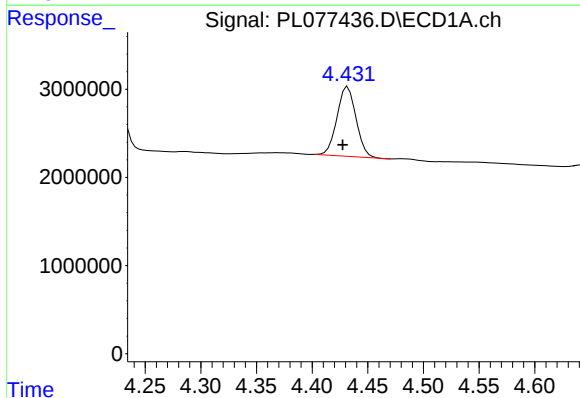
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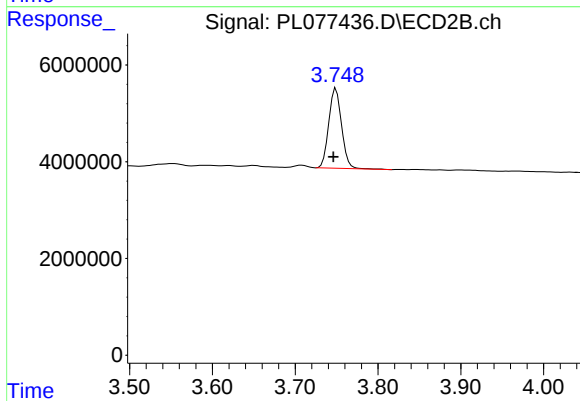
#3 gamma-BHC (Lindane)

R.T.: 3.450 min
Delta R.T.: 0.002 min
Response: 42589016
Conc: 10.90 ng/ml



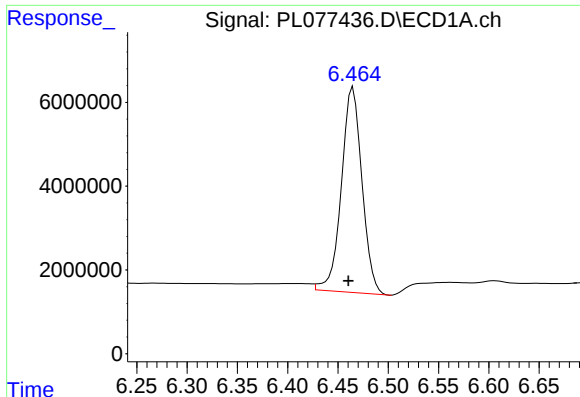
#6 beta-BHC

R.T.: 4.432 min
Delta R.T.: 0.005 min
Response: 9360505
Conc: 12.60 ng/ml



#6 beta-BHC

R.T.: 3.749 min
Delta R.T.: 0.003 min
Response: 17797196
Conc: 10.79 ng/ml



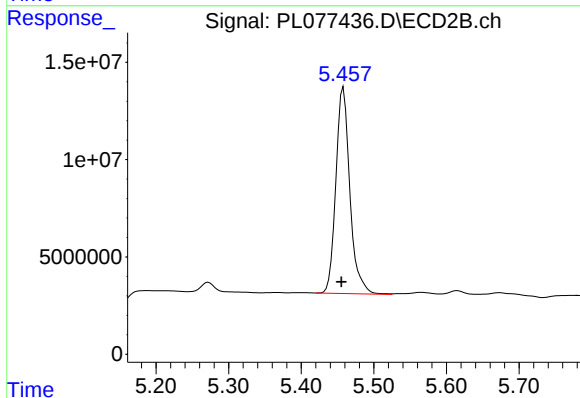
#14 Endrin

R.T.: 6.465 min
Delta R.T.: 0.004 min
Response: 69645857
Conc: 59.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

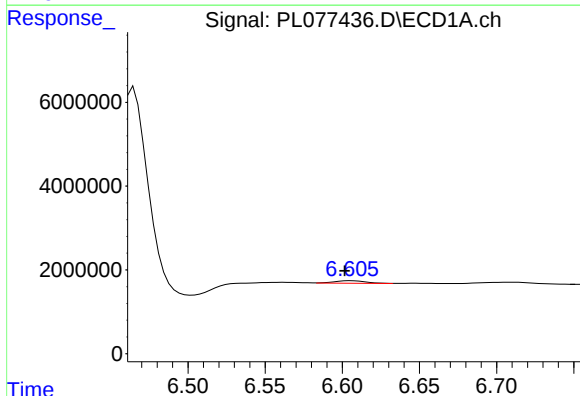
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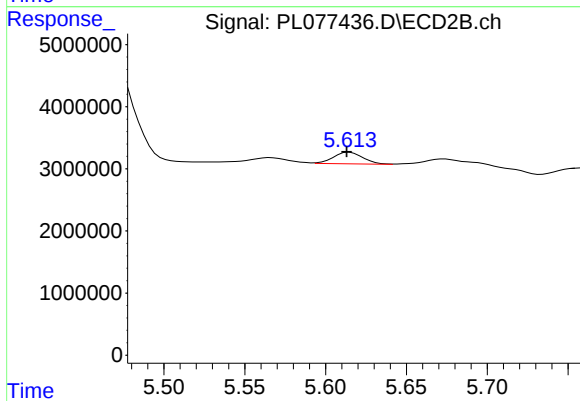
#14 Endrin

R.T.: 5.458 min
Delta R.T.: 0.003 min
Response: 141965527
Conc: 51.93 ng/ml



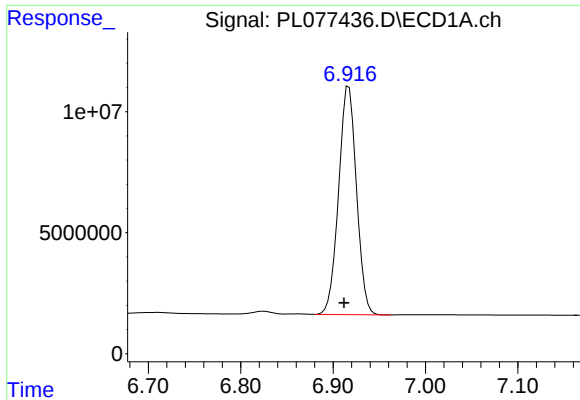
#16 4,4'-DDD

R.T.: 6.605 min
Delta R.T.: 0.003 min
Response: 858728
Conc: 0.84 ng/ml m



#16 4,4'-DDD

R.T.: 5.613 min
Delta R.T.: 0.000 min
Response: 2378245
Conc: 0.89 ng/ml m



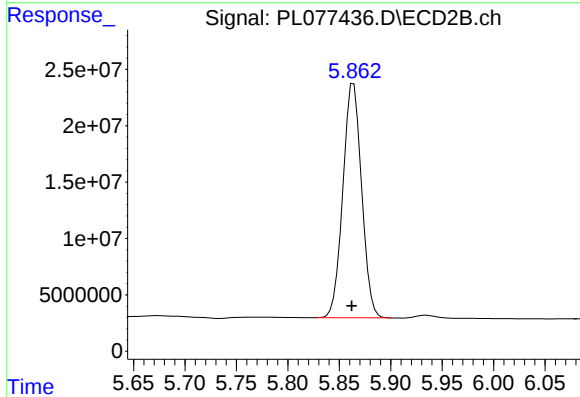
#17 4,4'-DDT

R.T.: 6.917 min
Delta R.T.: 0.005 min
Response: 127110912
Conc: 113.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

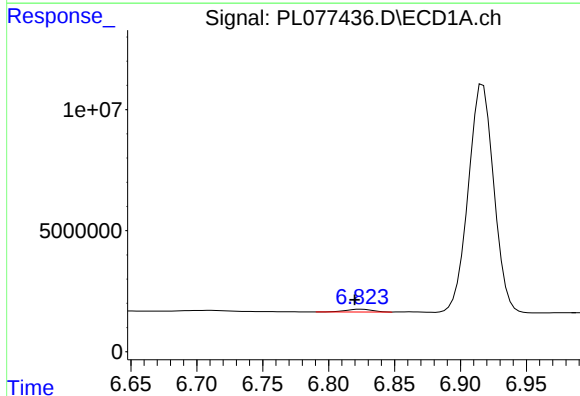
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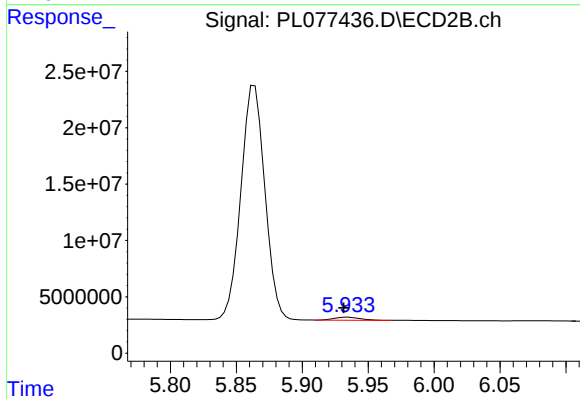
#17 4,4'-DDT

R.T.: 5.864 min
Delta R.T.: 0.002 min
Response: 263549923
Conc: 100.05 ng/ml



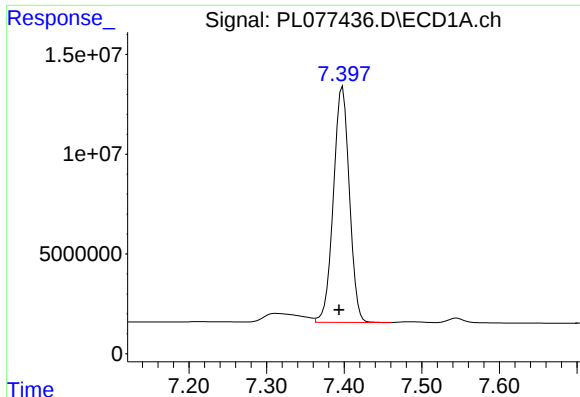
#18 Endrin aldehyde

R.T.: 6.823 min
Delta R.T.: 0.003 min
Response: 1604736
Conc: 1.76 ng/ml m



#18 Endrin aldehyde

R.T.: 5.933 min
Delta R.T.: 0.002 min
Response: 3830593
Conc: 1.83 ng/ml m



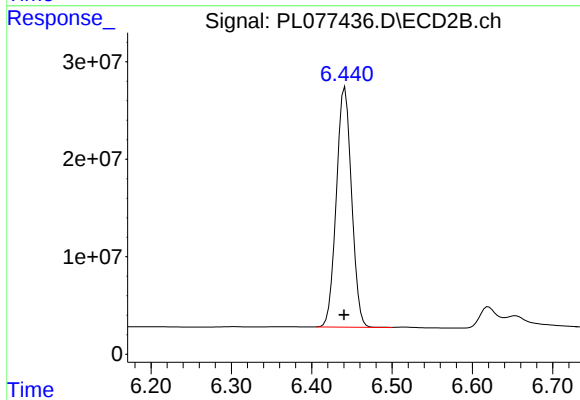
#20 Methoxychlor

R.T.: 7.398 min
Delta R.T.: 0.004 min
Response: 169194530
Conc: 280.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

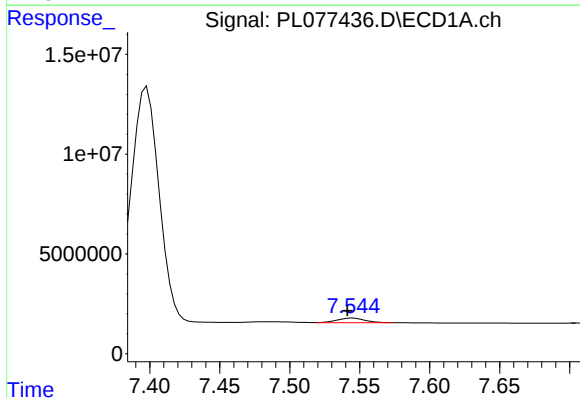
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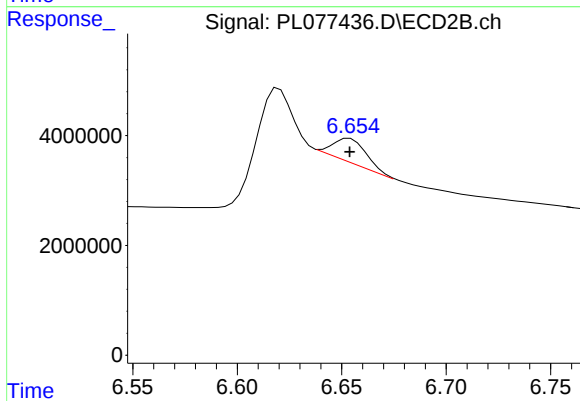
#20 Methoxychlor

R.T.: 6.441 min
Delta R.T.: 0.001 min
Response: 324462415
Conc: 229.99 ng/ml



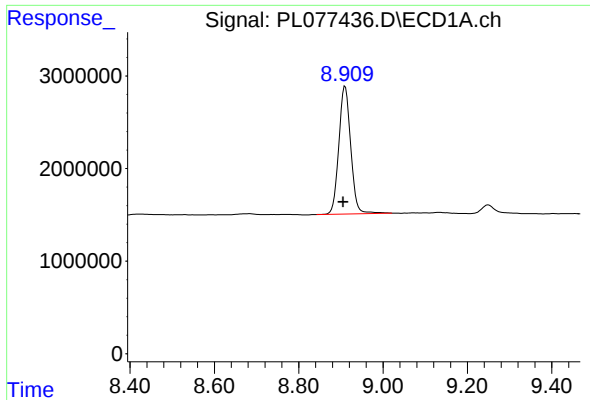
#21 Endrin ketone

R.T.: 7.544 min
Delta R.T.: 0.002 min
Response: 3135811
Conc: 2.57 ng/ml m



#21 Endrin ketone

R.T.: 6.654 min
Delta R.T.: 0.000 min
Response: 4685268
Conc: 1.63 ng/ml m



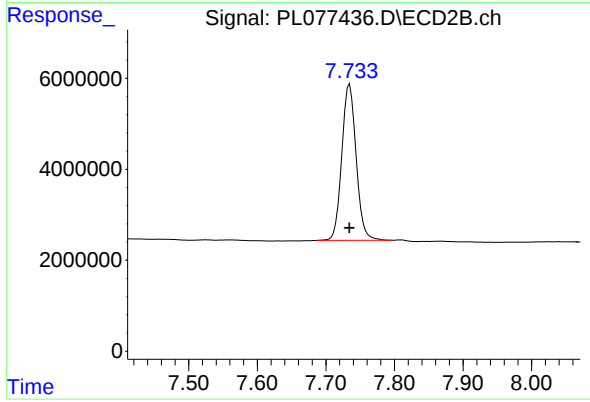
#28 Decachlorobiphenyl

R.T.: 8.910 min
Delta R.T.: 0.005 min
Response: 27043773
Conc: 23.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 7.735 min
Delta R.T.: 0.000 min
Response: 50004432
Conc: 17.92 ng/ml