

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD070922\
 Data File : PD070781.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Jul 2022 12:06
 Operator : AR\AJ
 Sample : PB146080BSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PB146080BSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 07/11/2022
 Supervised By : Ankita Jodhani 07/11/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 08 22:58:54 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD070522.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 05 15:26:13 2022
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 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 x 0.50µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.488	4.124	41676276	478.1E6	17.071	18.488
2)	SA Decachlor...	8.265	9.314	45663891	151.8E6	18.416	18.452
Target Compounds							
2)	A alpha-BHC	3.931	4.527	35148503	469.7E6	10.010	12.781m#
3)	MA gamma-BHC...	4.216	4.821	34135109	394.3E6	10.032	12.137
4)	MA Heptachlor	4.517	5.337	34763791	388.8E6	10.308	12.550
5)	MB Aldrin	4.767	5.649	33824164	346.9E6	10.247	12.304
6)	B beta-BHC	4.465	4.997	15555009	196.0E6	10.659	9.544
7)	B delta-BHC	4.672	5.220	33405868	369.5E6	10.211	12.919 #
8)	B Heptachlo...	5.213	6.043	31962624	299.3E6	10.608	13.154
9)	A Endosulfan I	5.553	6.408	29009328	259.4E6	10.361	12.668
10)	B gamma-Chl...	5.440	6.280	32762044	290.4E6	10.562	12.733
11)	B alpha-Chl...	5.499	6.353	32336283	281.0E6	10.632	12.756
12)	B 4,4'-DDE	5.665	6.508	29751932	251.7E6	10.233	12.310
13)	MA Dieldrin	5.798	6.669	31131552	252.4E6	10.347	12.452
14)	MA Endrin	6.056	6.892	27282123	180.9E6	10.148	11.750
15)	B Endosulfa...	6.330	7.105	26724244	187.9E6	11.256	12.796
16)	A 4,4'-DDD	6.183	7.006	26714795	194.0E6	10.948	13.707m#
17)	MA 4,4'-DDT	6.425	7.308	26627903	184.0E6	10.665	12.074
18)	B Endrin al...	6.500	7.231	20732830	140.8E6	11.152	12.300
19)	B Endosulfa...	6.713	7.455	27019399	170.4E6	11.124	12.416
20)	A Methoxychlor	6.976	7.768	16222659	85514456	11.350	12.469
21)	B Endrin ke...	7.207	7.937	31122046	162.3E6	11.699	12.647
22)	Mirex	7.395	8.390	27317025	109.1E6	12.480	13.664

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

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 Acq On : 08 Jul 2022 12:06
 Operator : AR\AJ
 Sample : PB146080BSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

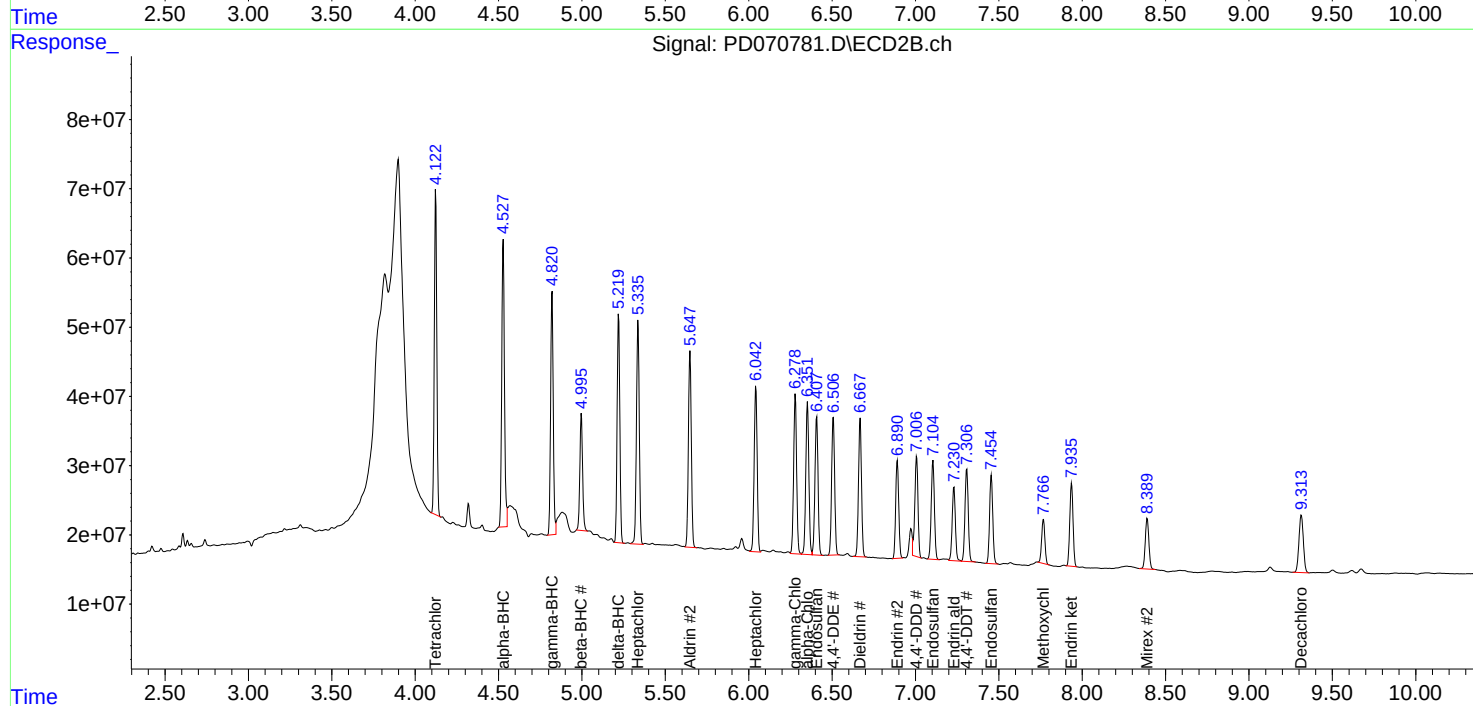
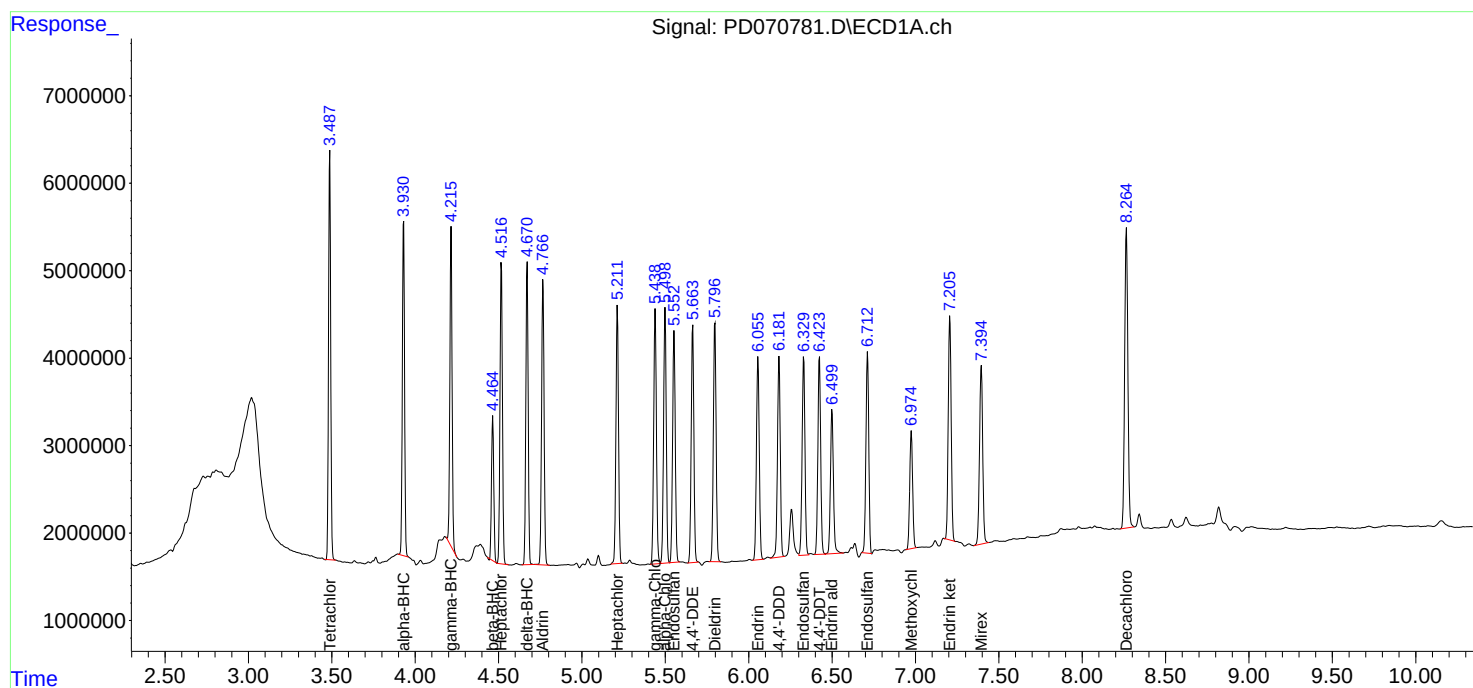
Instrument :
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 ClientSampleId :
 PB146080BSD

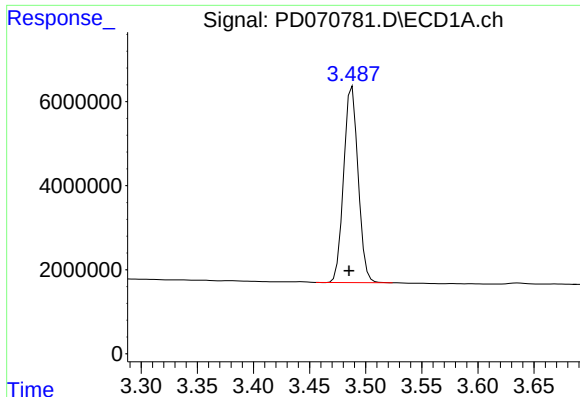
Manual Integrations APPROVED

Reviewed By :Abdul Mirza 07/11/2022
 Supervised By :Ankita Jodhani 07/11/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 08 22:58:54 2022
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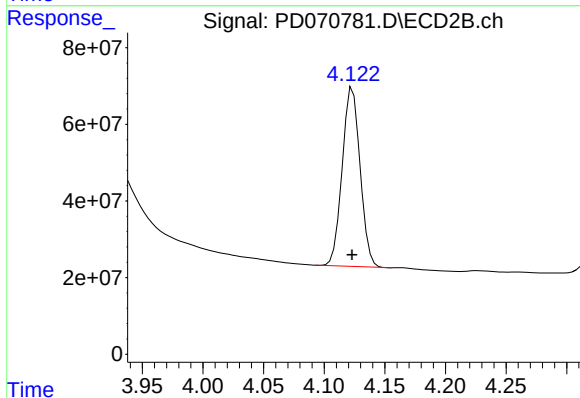
#1 Tetrachloro-m-xylene

R.T.: 3.488 min
Delta R.T.: 0.003 min
Response: 41676276
Conc: 17.07 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB146080BSD

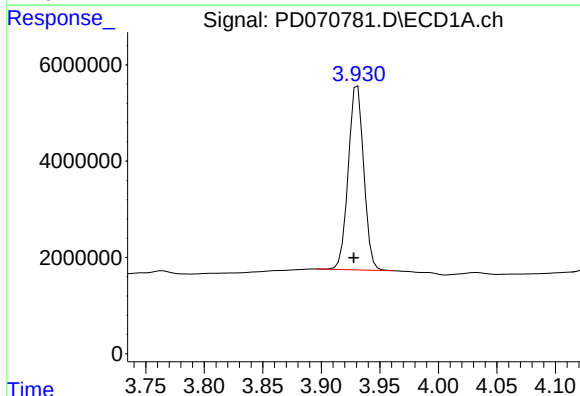
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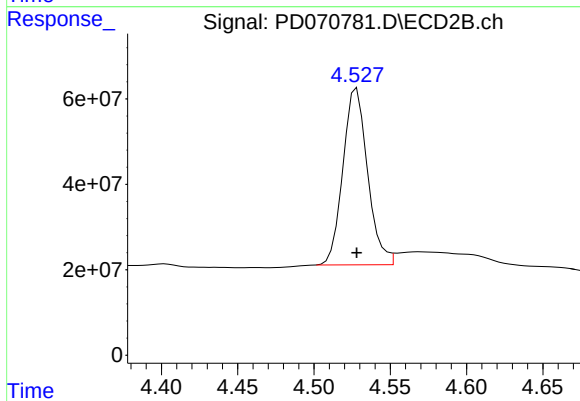
#1 Tetrachloro-m-xylene

R.T.: 4.124 min
Delta R.T.: 0.000 min
Response: 478125492
Conc: 18.49 ng/ml



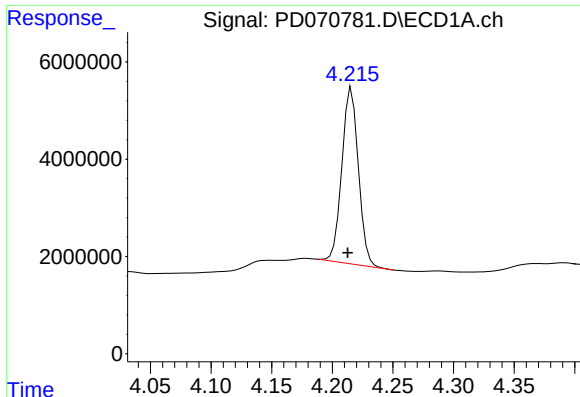
#2 alpha-BHC

R.T.: 3.931 min
Delta R.T.: 0.003 min
Response: 35148503
Conc: 10.01 ng/ml



#2 alpha-BHC

R.T.: 4.527 min
Delta R.T.: -0.001 min
Response: 469671778
Conc: 12.78 ng/ml m



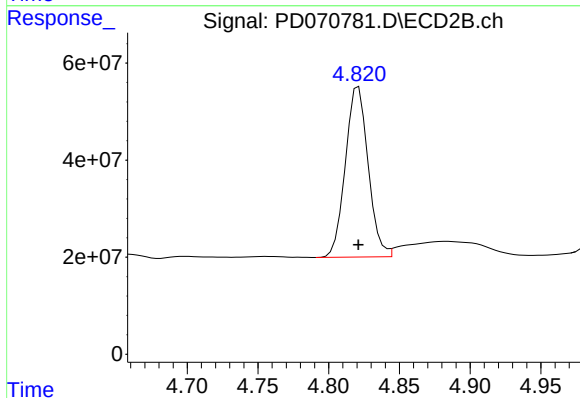
#3 gamma-BHC (Lindane)

R.T.: 4.216 min
Delta R.T.: 0.003 min
Response: 34135109
Conc: 10.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB146080BSD

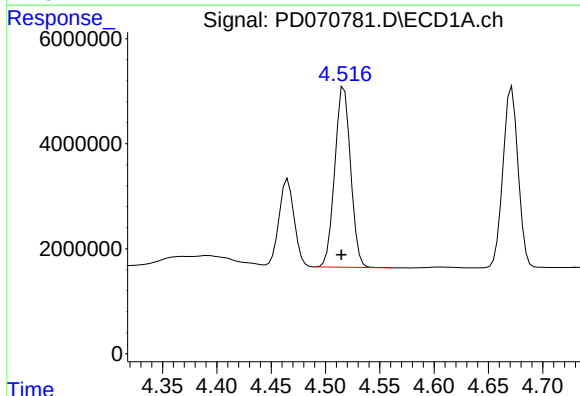
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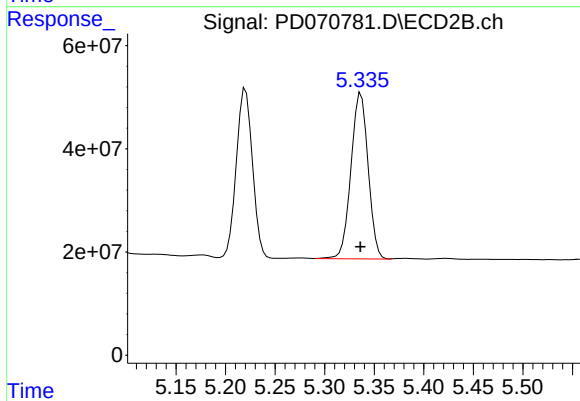
#3 gamma-BHC (Lindane)

R.T.: 4.821 min
Delta R.T.: 0.000 min
Response: 394319235
Conc: 12.14 ng/ml



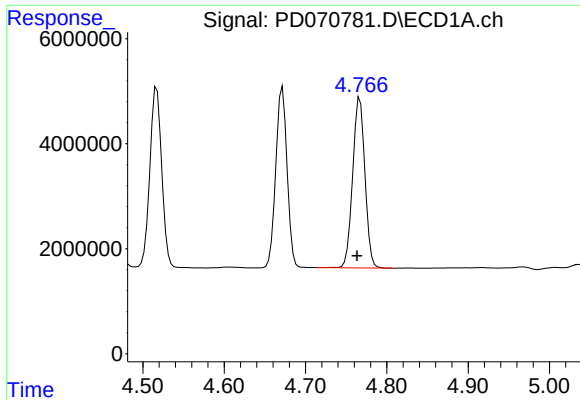
#4 Heptachlor

R.T.: 4.517 min
Delta R.T.: 0.003 min
Response: 34763791
Conc: 10.31 ng/ml



#4 Heptachlor

R.T.: 5.337 min
Delta R.T.: 0.000 min
Response: 388781091
Conc: 12.55 ng/ml



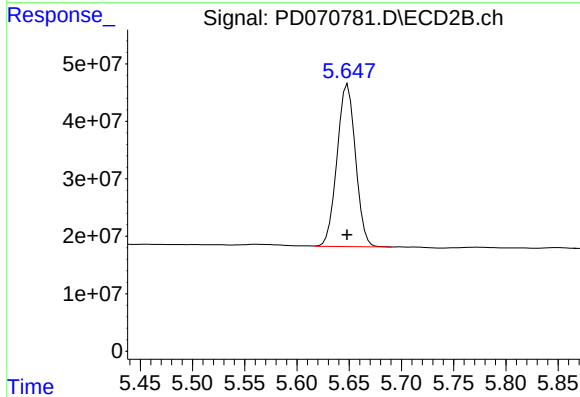
#5 Aldrin

R.T.: 4.767 min
Delta R.T.: 0.003 min
Response: 33824164
Conc: 10.25 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB146080BSD

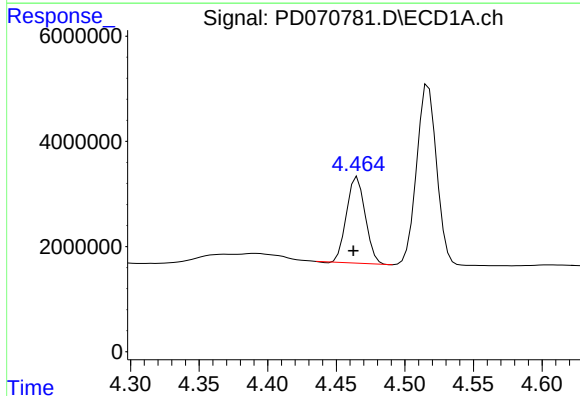
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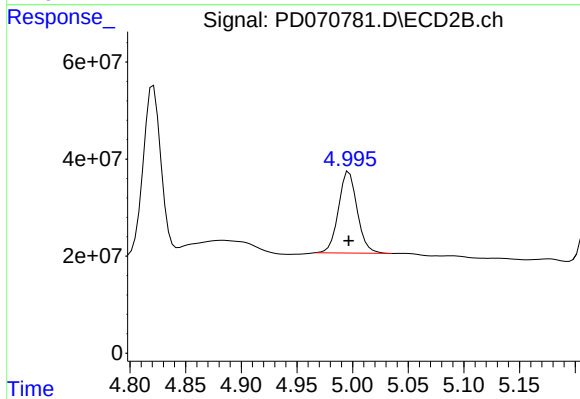
#5 Aldrin

R.T.: 5.649 min
Delta R.T.: 0.000 min
Response: 346881115
Conc: 12.30 ng/ml



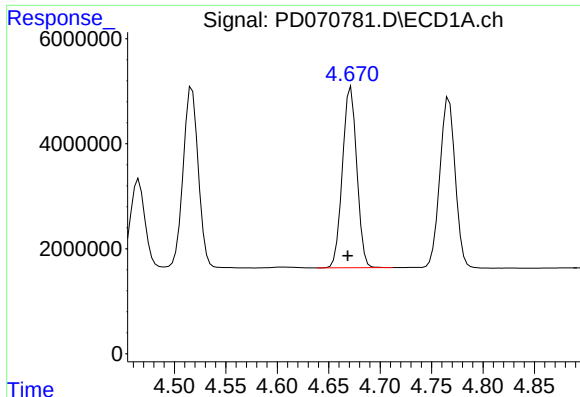
#6 beta-BHC

R.T.: 4.465 min
Delta R.T.: 0.003 min
Response: 15555009
Conc: 10.66 ng/ml



#6 beta-BHC

R.T.: 4.997 min
Delta R.T.: 0.000 min
Response: 195976002
Conc: 9.54 ng/ml



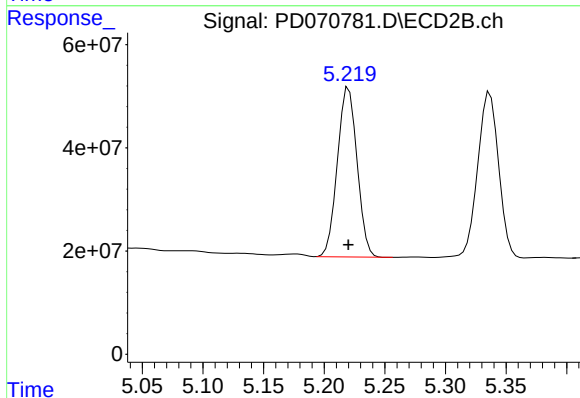
#7 delta-BHC

R.T.: 4.672 min
Delta R.T.: 0.003 min
Response: 33405868
Conc: 10.21 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB146080BSD

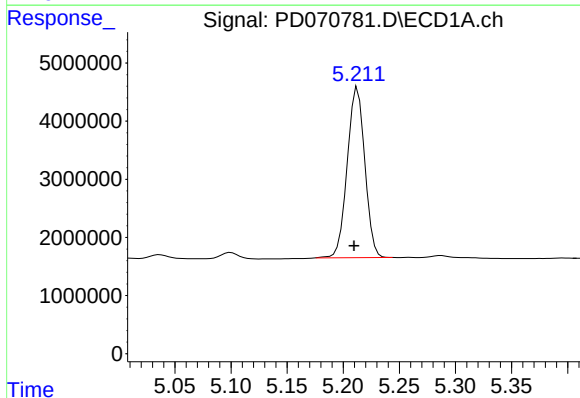
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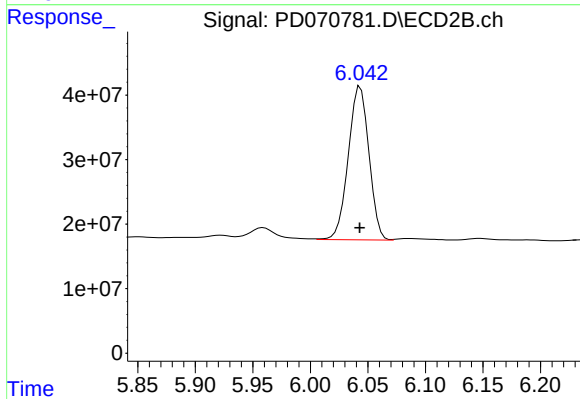
#7 delta-BHC

R.T.: 5.220 min
Delta R.T.: 0.000 min
Response: 369543782
Conc: 12.92 ng/ml



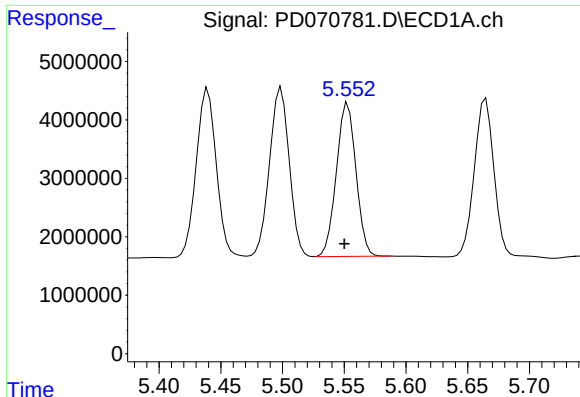
#8 Heptachlor epoxide

R.T.: 5.213 min
Delta R.T.: 0.003 min
Response: 31962624
Conc: 10.61 ng/ml



#8 Heptachlor epoxide

R.T.: 6.043 min
Delta R.T.: 0.000 min
Response: 299340267
Conc: 13.15 ng/ml



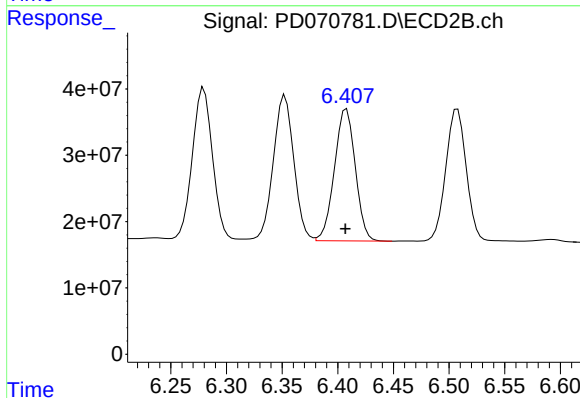
#9 Endosulfan I

R.T.: 5.553 min
Delta R.T.: 0.003 min
Response: 29009328
Conc: 10.36 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB146080BSD

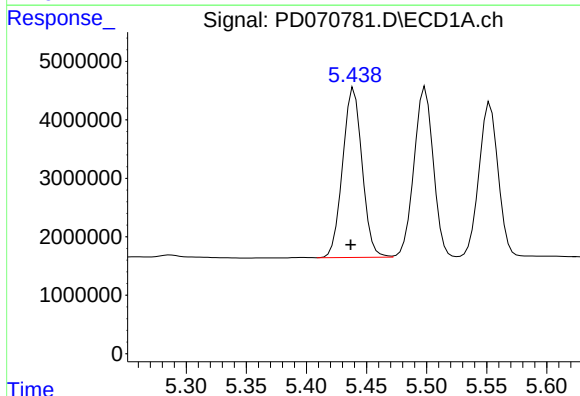
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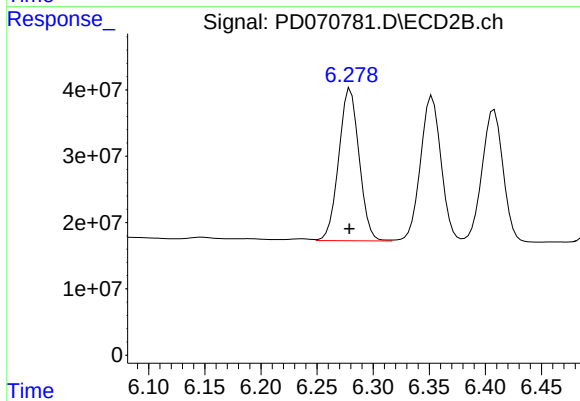
#9 Endosulfan I

R.T.: 6.408 min
Delta R.T.: 0.000 min
Response: 259421629
Conc: 12.67 ng/ml



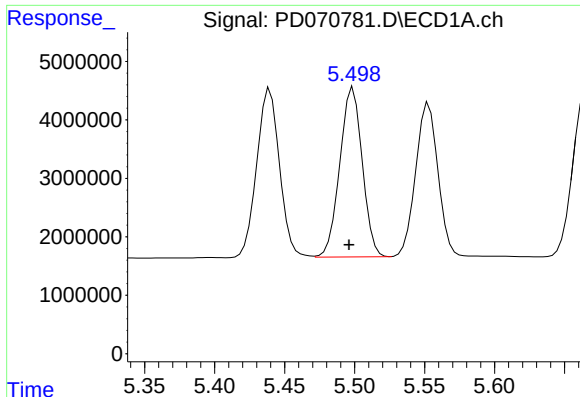
#10 gamma-Chlordane

R.T.: 5.440 min
Delta R.T.: 0.003 min
Response: 32762044
Conc: 10.56 ng/ml



#10 gamma-Chlordane

R.T.: 6.280 min
Delta R.T.: 0.000 min
Response: 290369222
Conc: 12.73 ng/ml



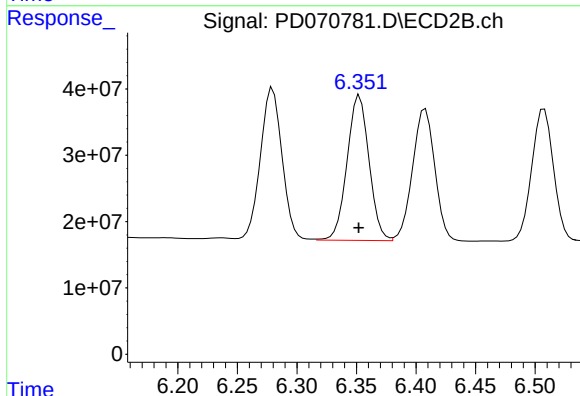
#11 alpha-Chlordane

R.T.: 5.499 min
Delta R.T.: 0.003 min
Response: 32336283
Conc: 10.63 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB146080BSD

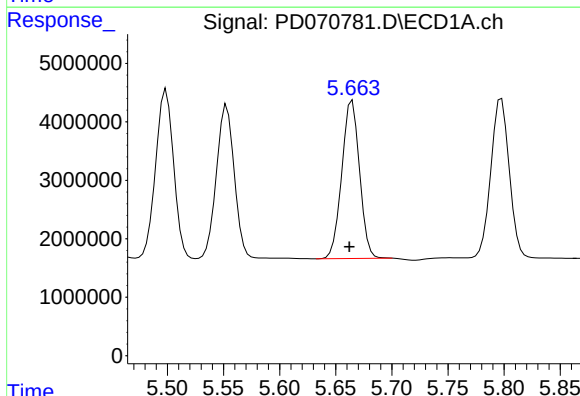
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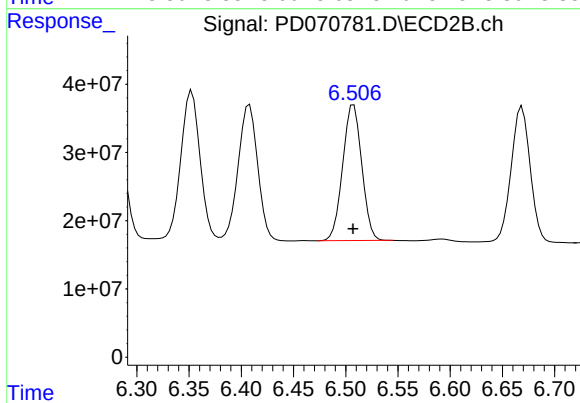
#11 alpha-Chlordane

R.T.: 6.353 min
Delta R.T.: 0.000 min
Response: 280982181
Conc: 12.76 ng/ml



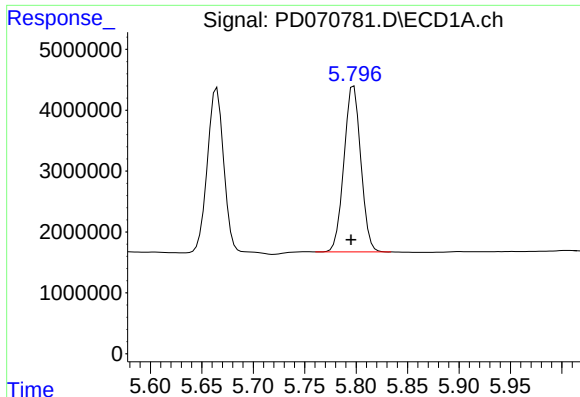
#12 4,4'-DDE

R.T.: 5.665 min
Delta R.T.: 0.002 min
Response: 29751932
Conc: 10.23 ng/ml



#12 4,4'-DDE

R.T.: 6.508 min
Delta R.T.: 0.000 min
Response: 251734947
Conc: 12.31 ng/ml



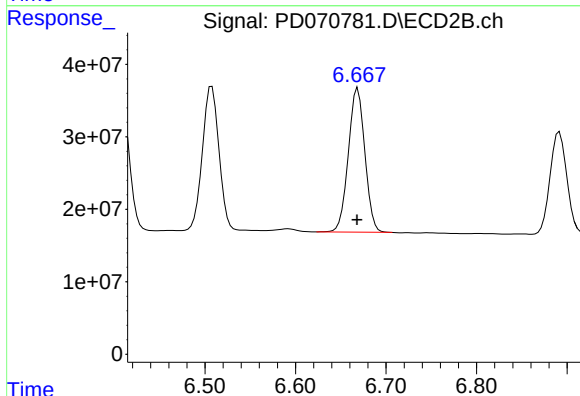
#13 Dieldrin

R.T.: 5.798 min
Delta R.T.: 0.003 min
Response: 31131552
Conc: 10.35 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB146080BSD

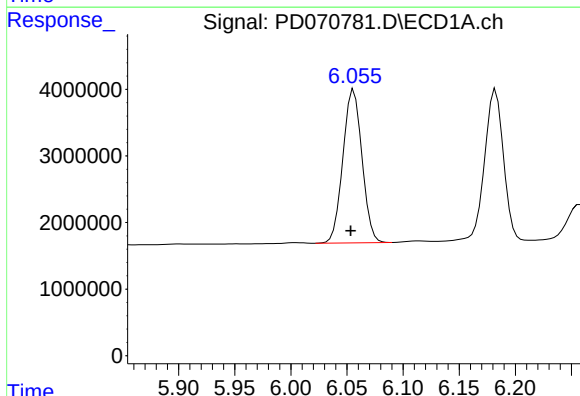
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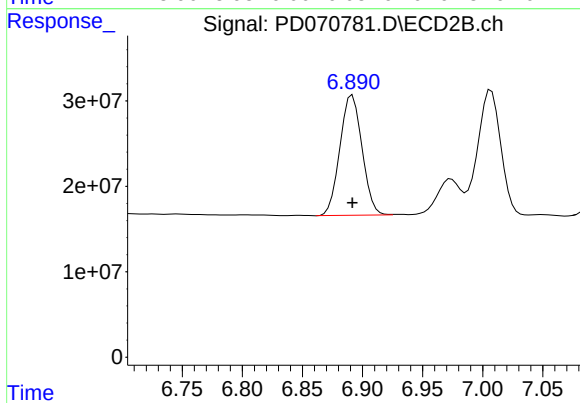
#13 Dieldrin

R.T.: 6.669 min
Delta R.T.: 0.000 min
Response: 252379000
Conc: 12.45 ng/ml



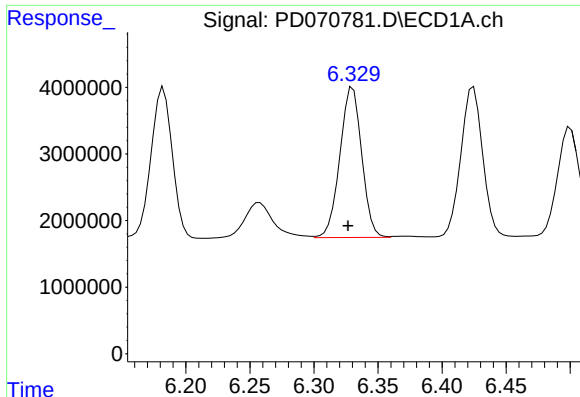
#14 Endrin

R.T.: 6.056 min
Delta R.T.: 0.003 min
Response: 27282123
Conc: 10.15 ng/ml



#14 Endrin

R.T.: 6.892 min
Delta R.T.: 0.000 min
Response: 180868812
Conc: 11.75 ng/ml



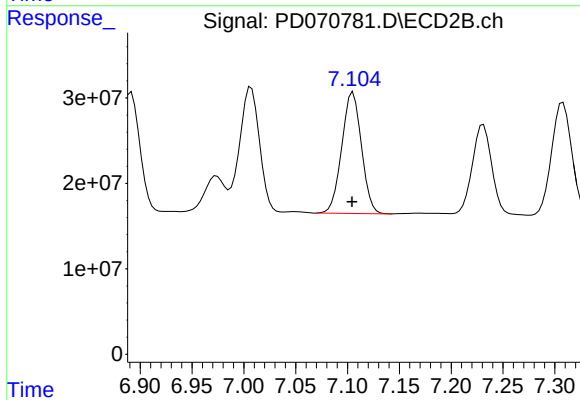
#15 Endosulfan II

R.T.: 6.330 min
Delta R.T.: 0.004 min
Response: 26724244
Conc: 11.26 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB146080BSD

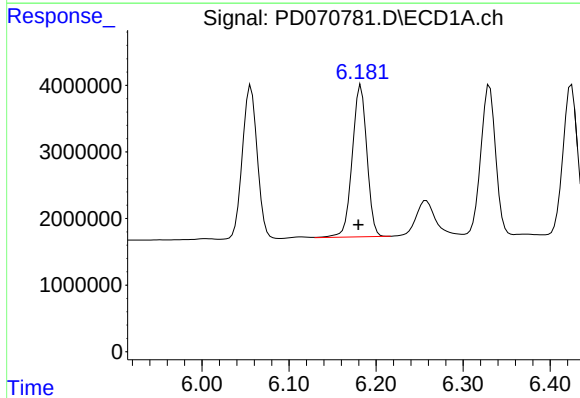
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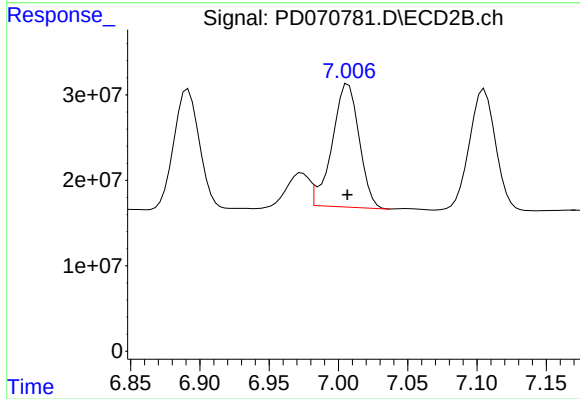
#15 Endosulfan II

R.T.: 7.105 min
Delta R.T.: 0.001 min
Response: 187853912
Conc: 12.80 ng/ml



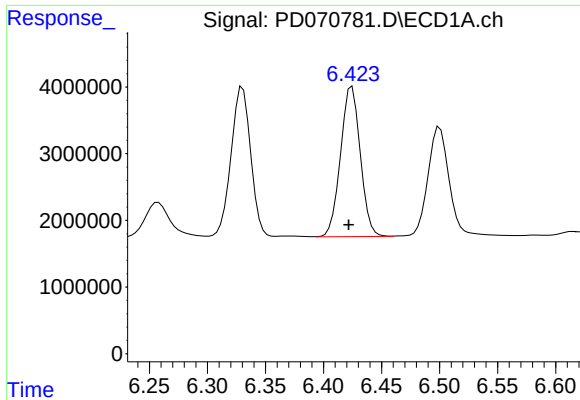
#16 4,4'-DDD

R.T.: 6.183 min
Delta R.T.: 0.003 min
Response: 26714795
Conc: 10.95 ng/ml



#16 4,4'-DDD

R.T.: 7.006 min
Delta R.T.: 0.000 min
Response: 193989967
Conc: 13.71 ng/ml m



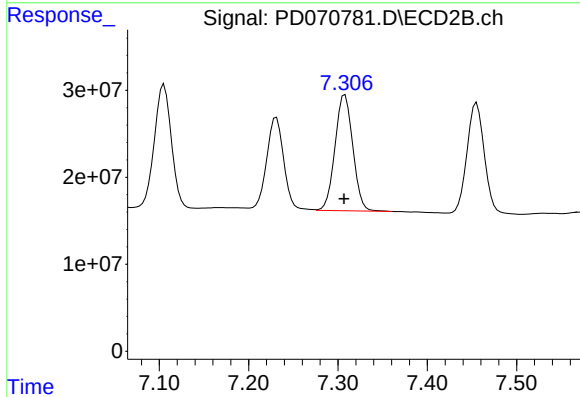
#17 4,4'-DDT

R.T.: 6.425 min
Delta R.T.: 0.003 min
Response: 26627903
Conc: 10.67 ng/ml

Instrument :
ECD_D
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PB146080BSD

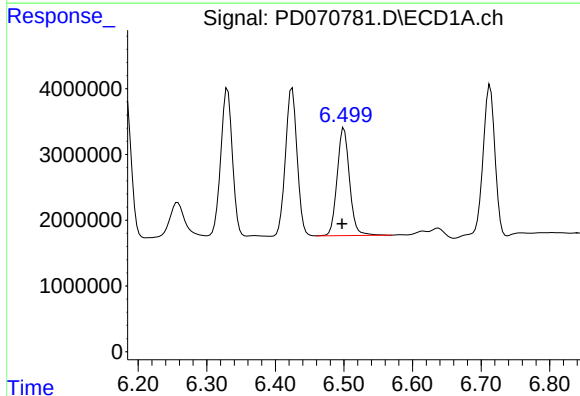
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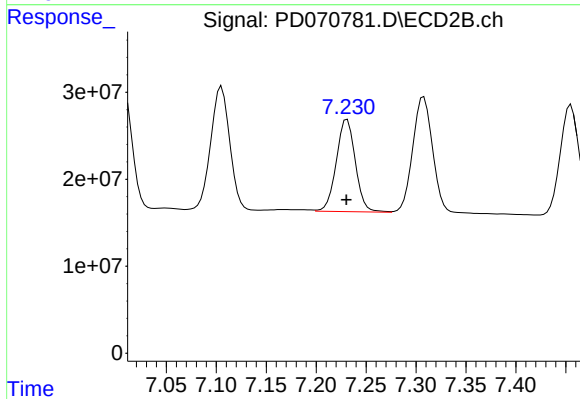
#17 4,4'-DDT

R.T.: 7.308 min
Delta R.T.: 0.001 min
Response: 183963839
Conc: 12.07 ng/ml



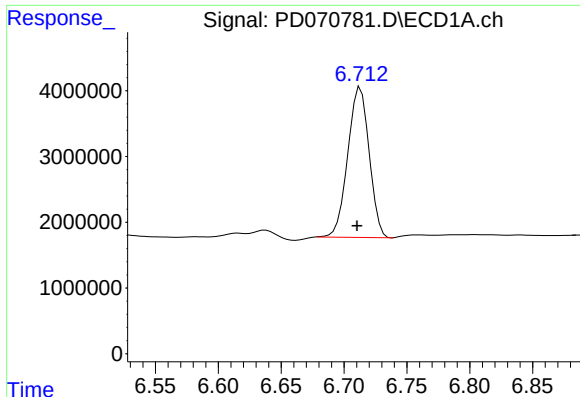
#18 Endrin aldehyde

R.T.: 6.500 min
Delta R.T.: 0.003 min
Response: 20732830
Conc: 11.15 ng/ml



#18 Endrin aldehyde

R.T.: 7.231 min
Delta R.T.: 0.000 min
Response: 140837836
Conc: 12.30 ng/ml



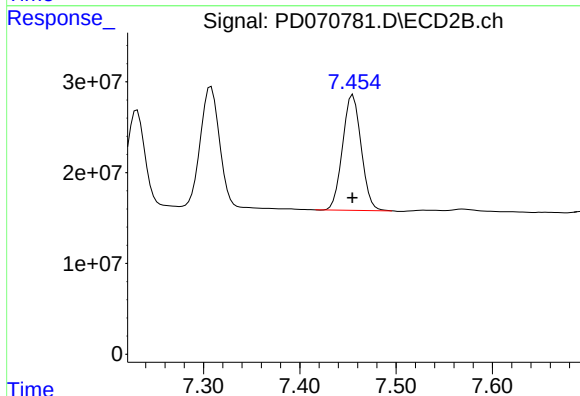
#19 Endosulfan Sulfate

R.T.: 6.713 min
Delta R.T.: 0.003 min
Response: 27019399
Conc: 11.12 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB146080BSD

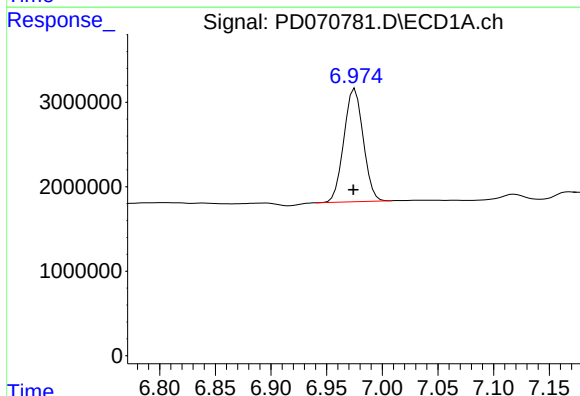
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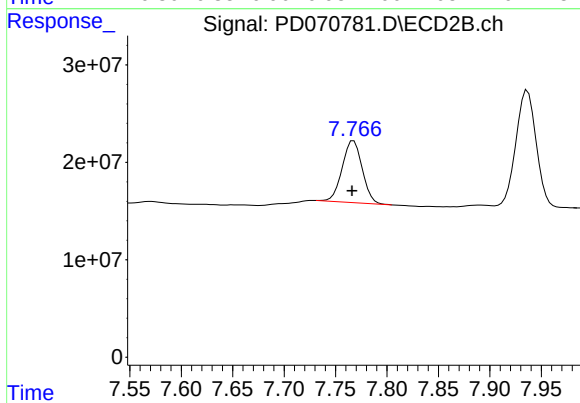
#19 Endosulfan Sulfate

R.T.: 7.455 min
Delta R.T.: 0.000 min
Response: 170381653
Conc: 12.42 ng/ml



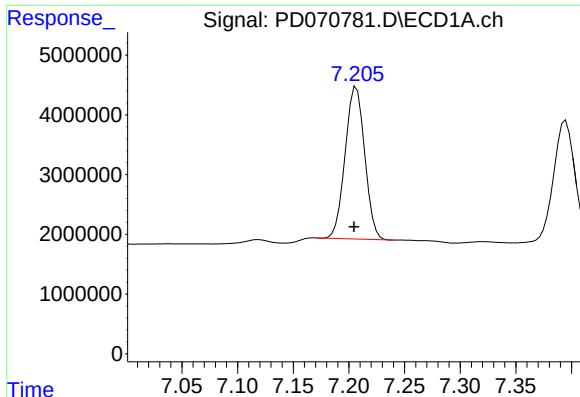
#20 Methoxychlor

R.T.: 6.976 min
Delta R.T.: 0.002 min
Response: 16222659
Conc: 11.35 ng/ml



#20 Methoxychlor

R.T.: 7.768 min
Delta R.T.: 0.002 min
Response: 85514456
Conc: 12.47 ng/ml



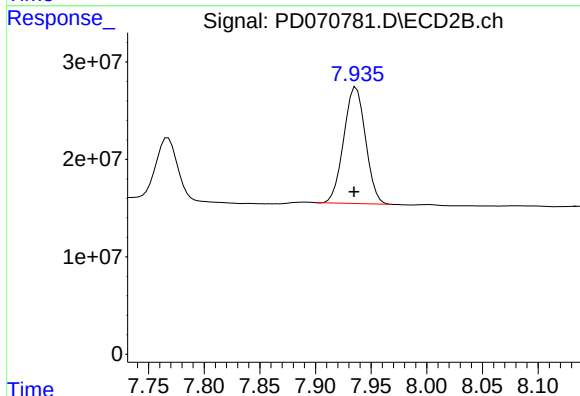
#21 Endrin ketone

R.T.: 7.207 min
Delta R.T.: 0.002 min
Response: 31122046
Conc: 11.70 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB146080BSD

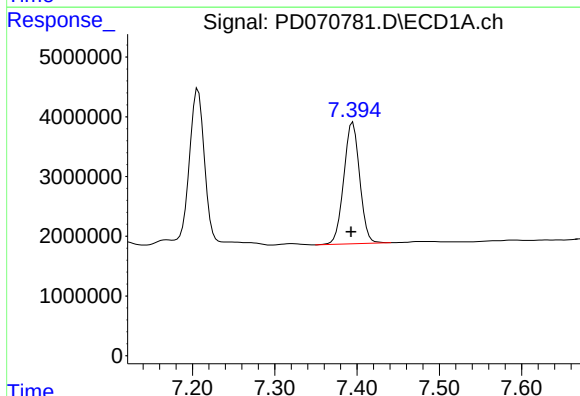
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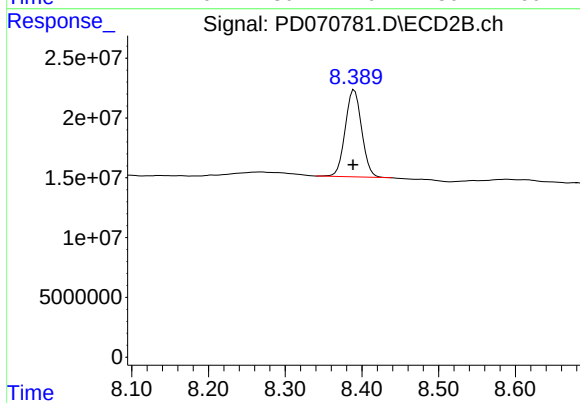
#21 Endrin ketone

R.T.: 7.937 min
Delta R.T.: 0.002 min
Response: 162292777
Conc: 12.65 ng/ml



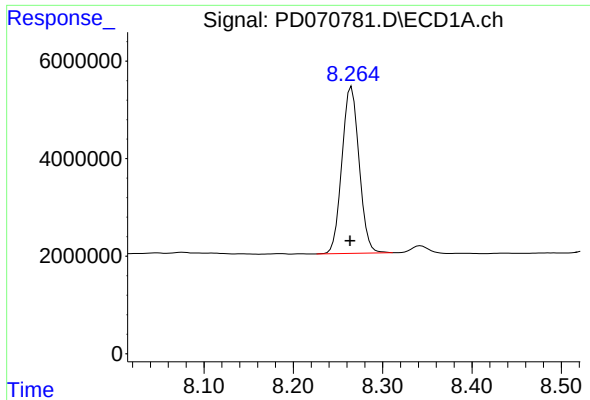
#22 Mirex

R.T.: 7.395 min
Delta R.T.: 0.002 min
Response: 27317025
Conc: 12.48 ng/ml



#22 Mirex

R.T.: 8.390 min
Delta R.T.: 0.002 min
Response: 109123209
Conc: 13.66 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.265 min
Delta R.T.: 0.001 min
Response: 45663891
Conc: 18.42 ng/ml

Instrument :

ECD_D

ClientSampleId :

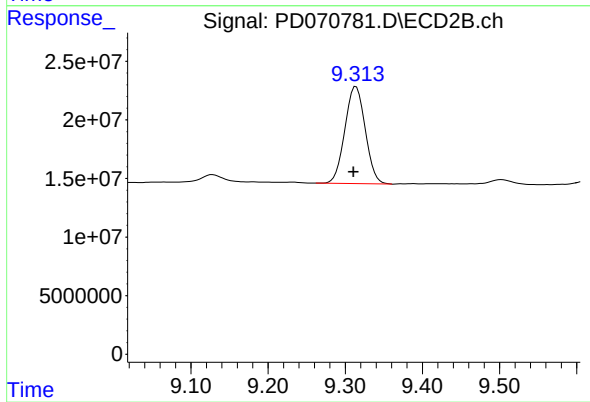
PB146080BSD

Manual Integrations

APPROVED

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#28 Decachlorobiphenyl

R.T.: 9.314 min
Delta R.T.: 0.003 min
Response: 151806111
Conc: 18.45 ng/ml