

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL122721\
 Data File : PL071687.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Dec 2021 03:48
 Operator : AR\AJ
 Sample : M5239-04MSD
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 SASP2-123-1-40-57MSD

Manual Integrations
 APPROVED

Reviewed By :Ankita Jodhani 12/28/2021
 Supervised By :mohammad ahmed 12/29/2021

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 28 05:53:38 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL122721.M
 Quant Title : GC Extractables
 QLast Update : Mon Dec 27 14:06:28 2021
 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...	4.559	5.497	11379380	30917095	17.539	18.118
28)	SA Decachlor...	10.321	11.388	15054502	24768952	20.222	19.763
Target Compounds							
2)	A alpha-BHC	5.266	6.078	37140714	101.2E6	40.854	41.457
3)	MA gamma-BHC...	5.689	6.474	35843339	91907386	40.891	40.542
4)	MA Heptachlor	6.095	7.120	37185043	90833462	38.680	39.310
5)	MB Aldrin	6.419	7.490	36777299	87973617	41.189	39.928
6)	B beta-BHC	6.073	6.732	15668236	38398920	41.230	37.299
7)	B delta-BHC	6.331	6.997	33836806	86109957	39.311	40.835m
8)	B Heptachlo...	6.997	7.957	33874847	78060667	40.124	39.682
9)	A Endosulfan I	7.399	8.362	31180144	67856001	40.754	39.846
10)	B gamma-Chl...	7.273	8.227	34403360	76132126	40.164	39.028
11)	B alpha-Chl...	7.343	8.308	34140719	73645095	40.197	39.513
12)	B 4,4'-DDE	7.558	8.497	31047768	71525406	41.664	40.413
13)	MA Dieldrin	7.685	8.651	33387226	73091933	40.535	39.391
14)	MA Endrin	7.976	8.890	29228206	58891055	39.286	39.077
15)	B Endosulfa...	8.288	9.126	29981114	61570657	41.670	41.411
16)	A 4,4'-DDD	8.144	9.037	24629544	53494758	41.512	41.194
17)	MA 4,4'-DDT	8.404	9.354	26530036	54771385	41.151	40.117
18)	B Endrin al...	8.476	9.261	25201144	48880153	43.445	42.275
19)	B Endosulfa...	8.708	9.498	28686920	54830617	38.838	38.969
20)	A Methoxychlor	9.001	9.841	15940651	26935263	42.779	41.438
21)	B Endrin ke...	9.226	9.995	33852922	58254262	43.040	42.891
22)	Mirex	9.408	10.458	31148116	47648433	43.097	43.849

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

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 Data File : PL071687.D
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 Acq On : 28 Dec 2021 03:48
 Operator : AR\AJ
 Sample : M5239-04MSD
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

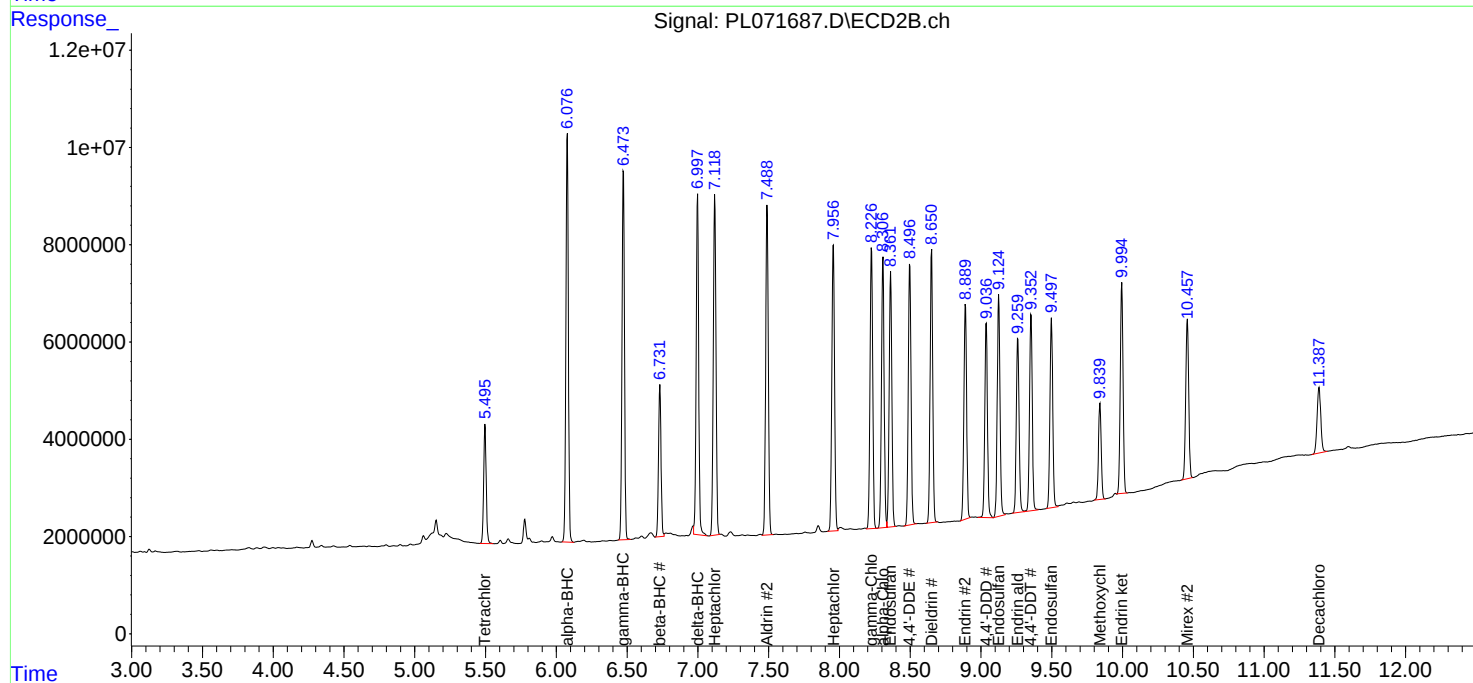
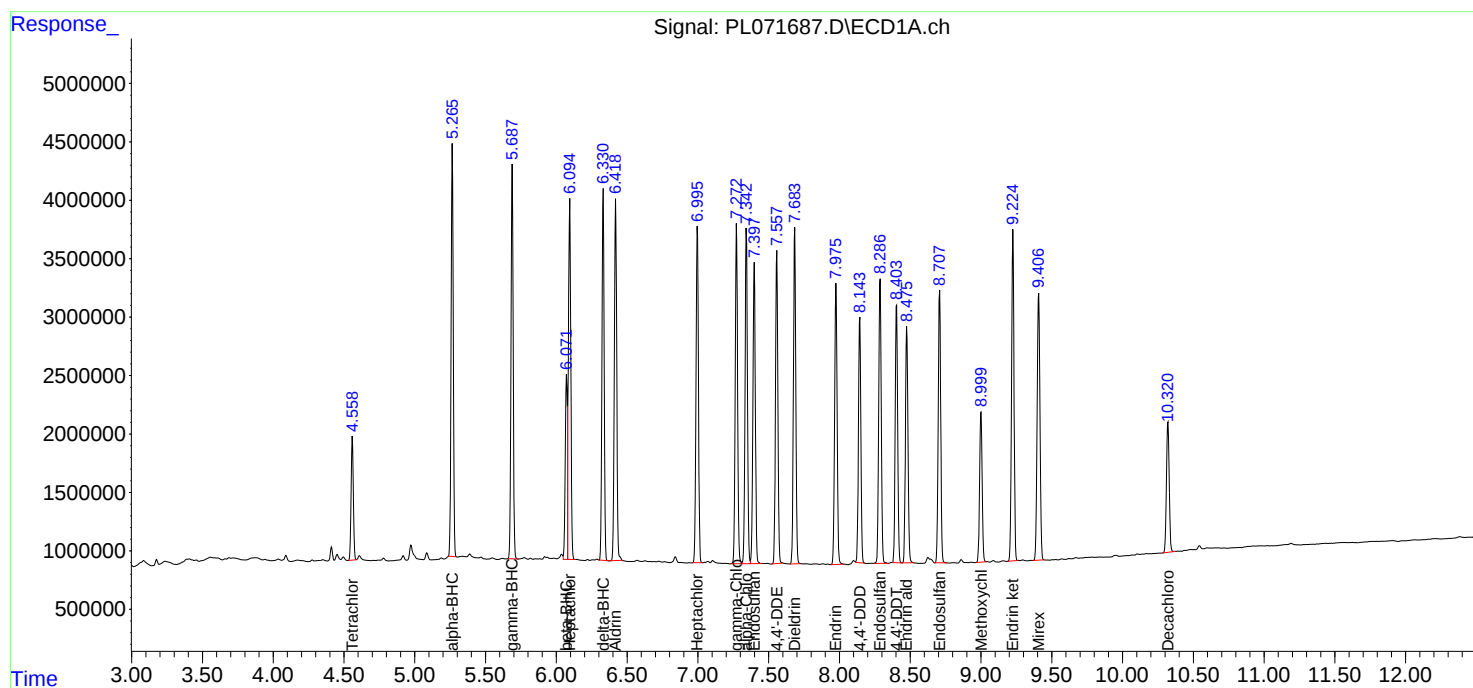
Instrument :
 ECD_L
 ClientSampleId :
 SASP2-123-1-40-57MSD

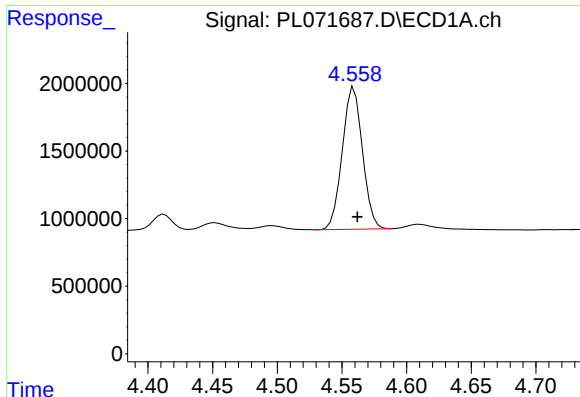
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Integration File signal 1: autoint1.e
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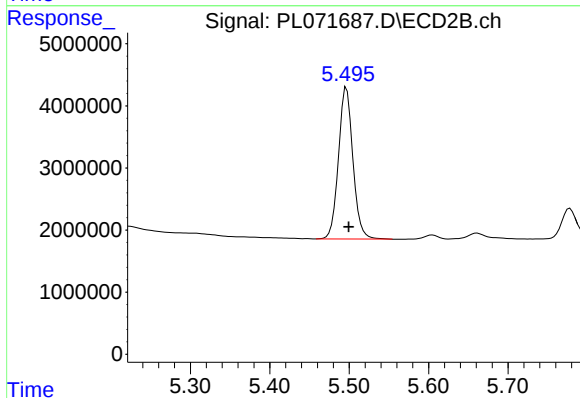
#1 Tetrachloro-m-xylene

R.T.: 4.559 min
Delta R.T.: -0.003 min
Response: 11379380
Conc: 17.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
SASP2-123-1-40-57MSD

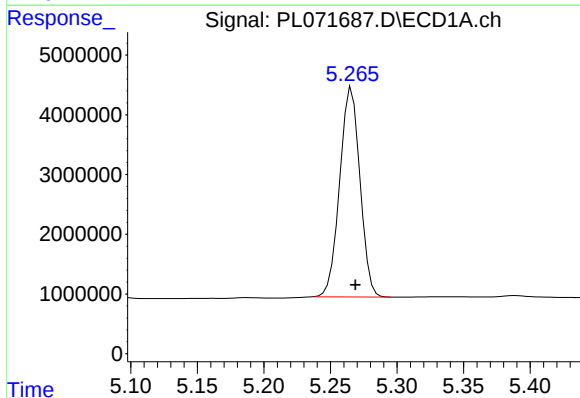
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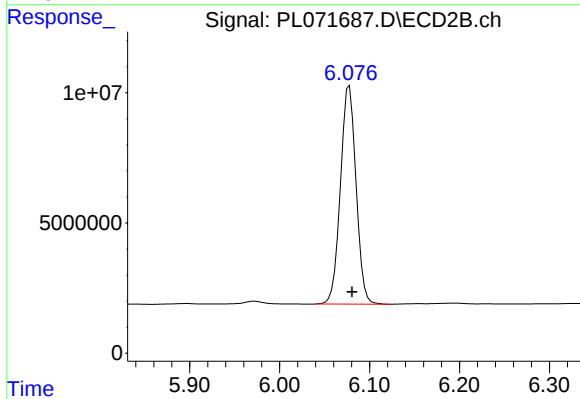
#1 Tetrachloro-m-xylene

R.T.: 5.497 min
Delta R.T.: -0.003 min
Response: 30917095
Conc: 18.12 ng/ml



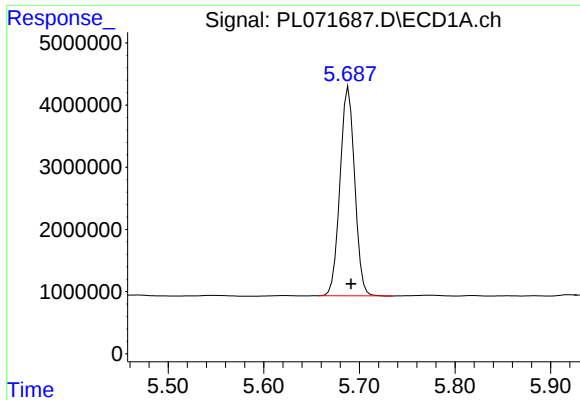
#2 alpha-BHC

R.T.: 5.266 min
Delta R.T.: -0.003 min
Response: 37140714
Conc: 40.85 ng/ml



#2 alpha-BHC

R.T.: 6.078 min
Delta R.T.: -0.003 min
Response: 101208472
Conc: 41.46 ng/ml



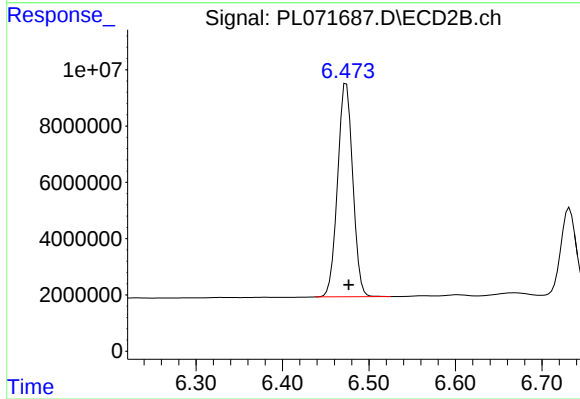
#3 gamma-BHC (Lindane)

R.T.: 5.689 min
Delta R.T.: -0.003 min
Response: 35843339
Conc: 40.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
SASP2-123-1-40-57MSD

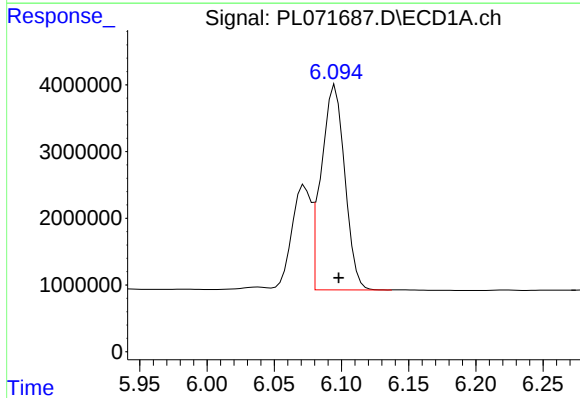
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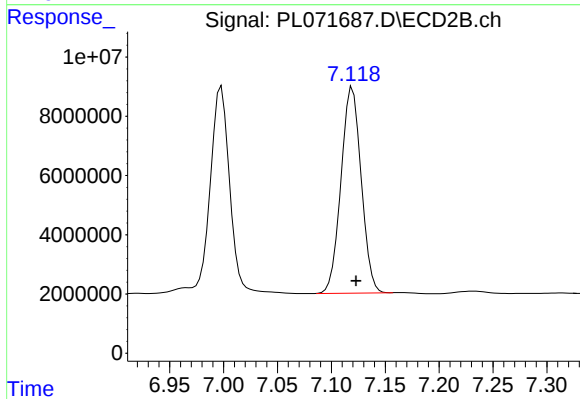
#3 gamma-BHC (Lindane)

R.T.: 6.474 min
Delta R.T.: -0.003 min
Response: 91907386
Conc: 40.54 ng/ml



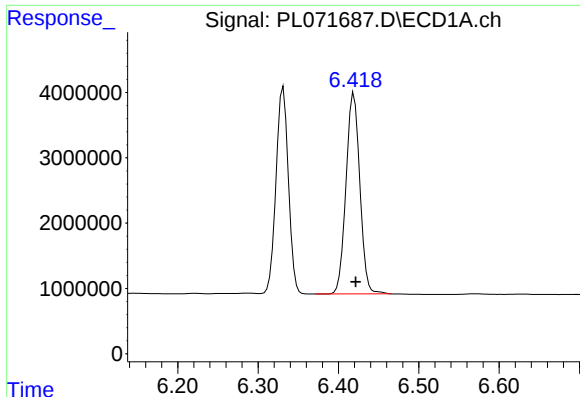
#4 Heptachlor

R.T.: 6.095 min
Delta R.T.: -0.003 min
Response: 37185043
Conc: 38.68 ng/ml



#4 Heptachlor

R.T.: 7.120 min
Delta R.T.: -0.003 min
Response: 90833462
Conc: 39.31 ng/ml



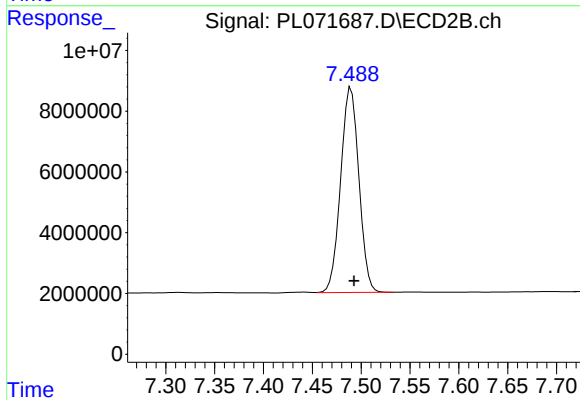
#5 Aldrin

R.T.: 6.419 min
Delta R.T.: -0.002 min
Response: 36777299
Conc: 41.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
SASP2-123-1-40-57MSD

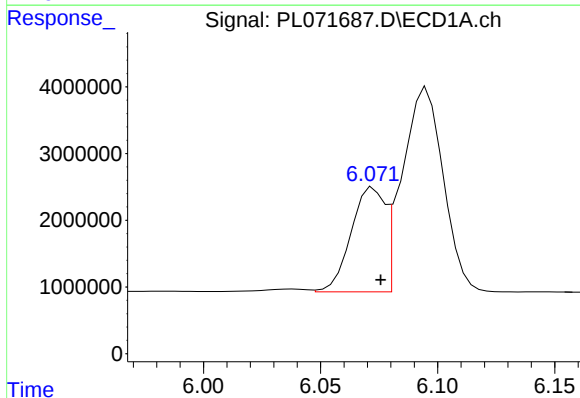
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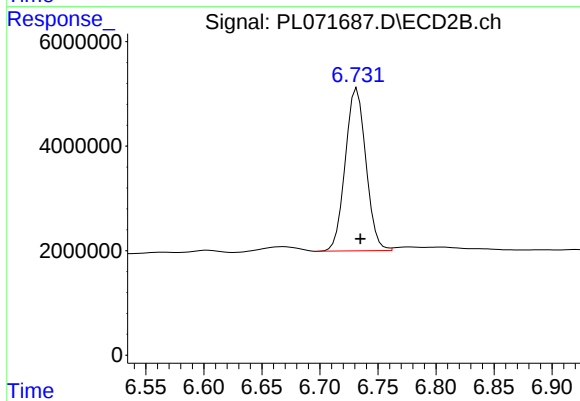
#5 Aldrin

R.T.: 7.490 min
Delta R.T.: -0.003 min
Response: 87973617
Conc: 39.93 ng/ml



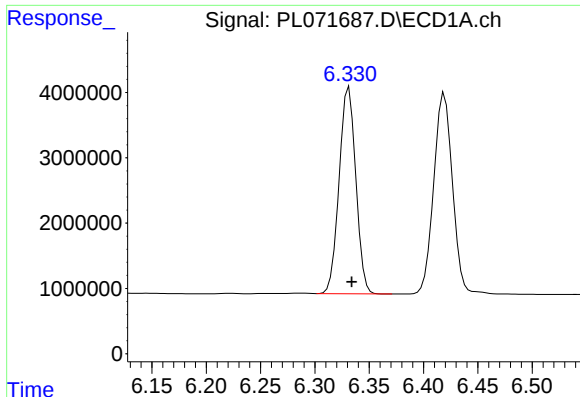
#6 beta-BHC

R.T.: 6.073 min
Delta R.T.: -0.003 min
Response: 15668236
Conc: 41.23 ng/ml



#6 beta-BHC

R.T.: 6.732 min
Delta R.T.: -0.003 min
Response: 38398920
Conc: 37.30 ng/ml



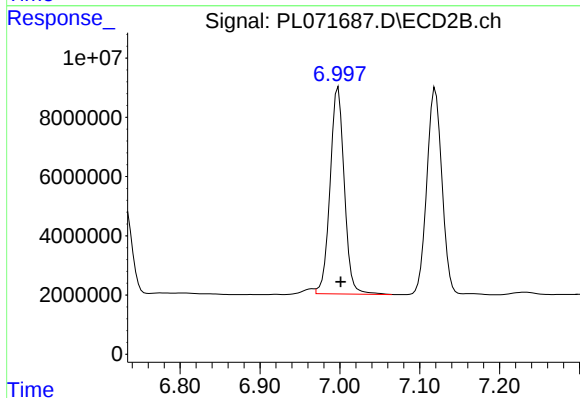
#7 delta-BHC

R.T.: 6.331 min
Delta R.T.: -0.002 min
Response: 33836806
Conc: 39.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
SASP2-123-1-40-57MSD

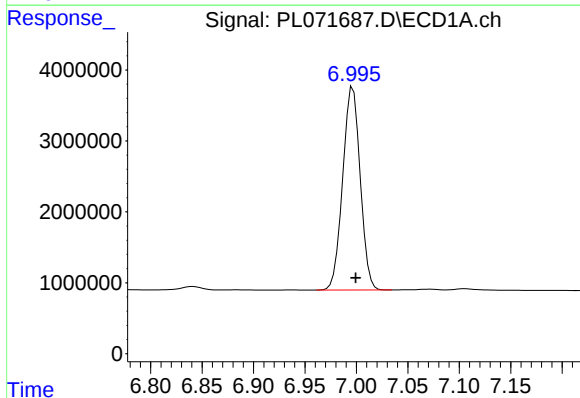
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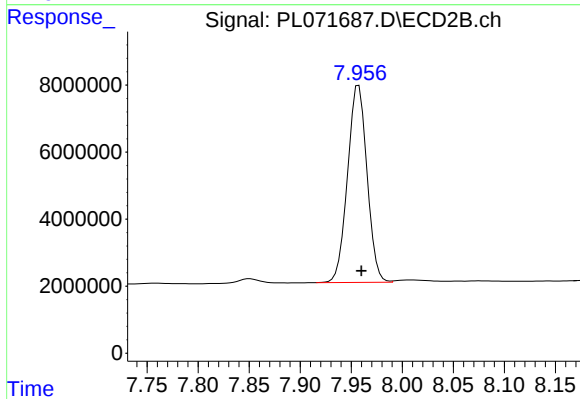
#7 delta-BHC

R.T.: 6.997 min
Delta R.T.: -0.004 min
Response: 86109957
Conc: 40.84 ng/ml m



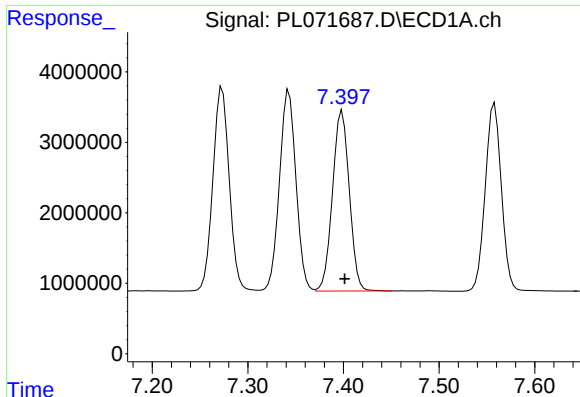
#8 Heptachlor epoxide

R.T.: 6.997 min
Delta R.T.: -0.003 min
Response: 33874847
Conc: 40.12 ng/ml



#8 Heptachlor epoxide

R.T.: 7.957 min
Delta R.T.: -0.003 min
Response: 78060667
Conc: 39.68 ng/ml



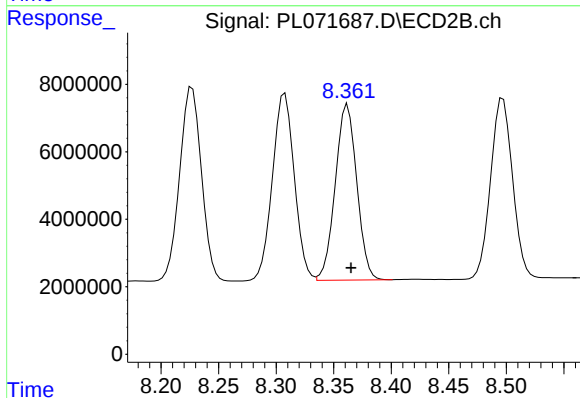
#9 Endosulfan I

R.T.: 7.399 min
Delta R.T.: -0.003 min
Response: 31180144
Conc: 40.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
SASP2-123-1-40-57MSD

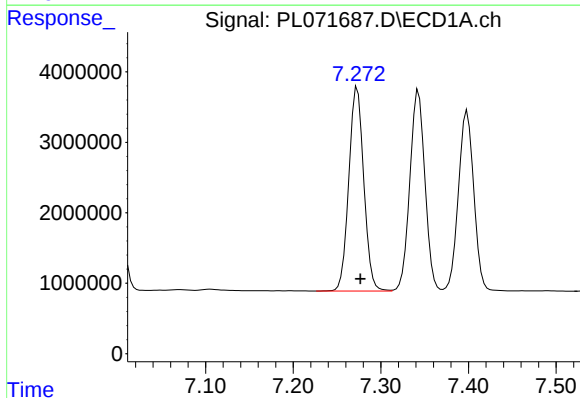
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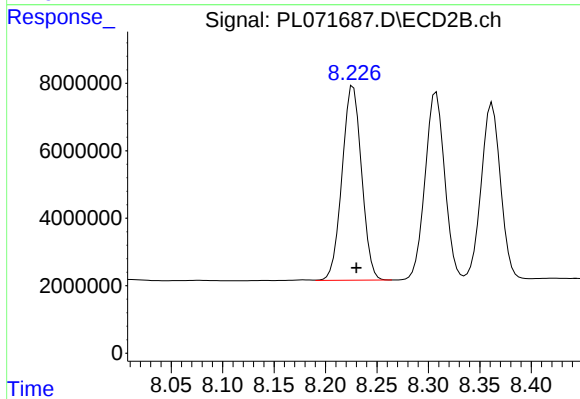
#9 Endosulfan I

R.T.: 8.362 min
Delta R.T.: -0.003 min
Response: 67856001
Conc: 39.85 ng/ml



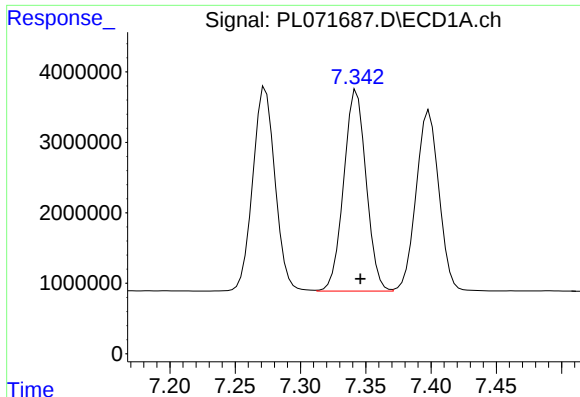
#10 gamma-Chlordane

R.T.: 7.273 min
Delta R.T.: -0.003 min
Response: 34403360
Conc: 40.16 ng/ml



#10 gamma-Chlordane

R.T.: 8.227 min
Delta R.T.: -0.003 min
Response: 76132126
Conc: 39.03 ng/ml



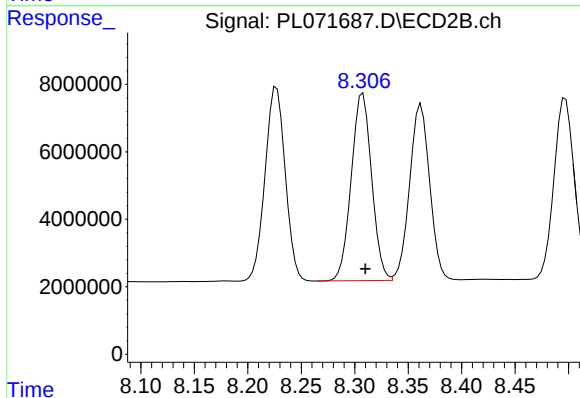
#11 alpha-Chlordane

R.T.: 7.343 min
Delta R.T.: -0.003 min
Response: 34140719
Conc: 40.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
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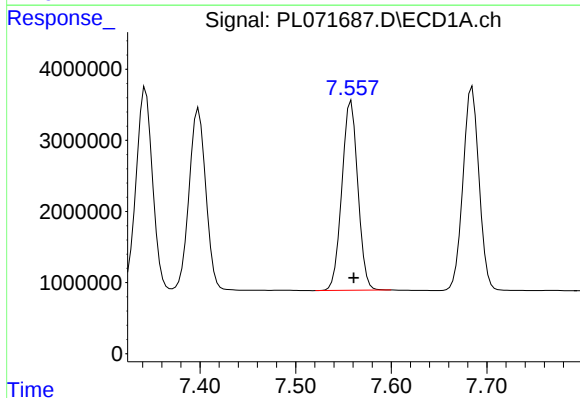
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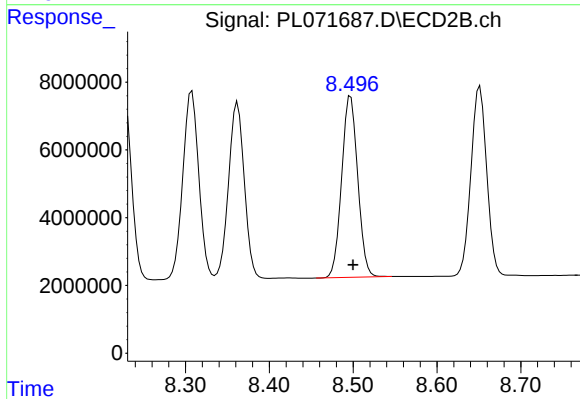
#11 alpha-Chlordane

R.T.: 8.308 min
Delta R.T.: -0.002 min
Response: 73645095
Conc: 39.51 ng/ml



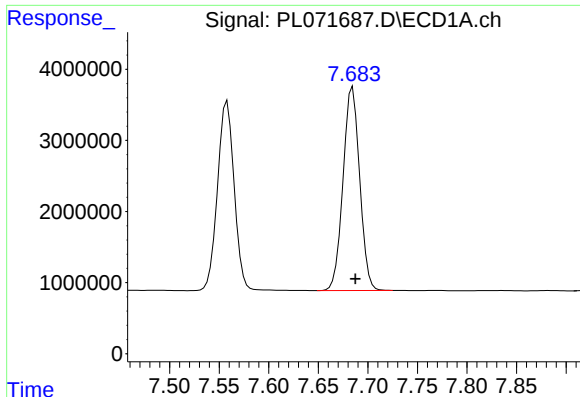
#12 4,4'-DDE

R.T.: 7.558 min
Delta R.T.: -0.003 min
Response: 31047768
Conc: 41.66 ng/ml



#12 4,4'-DDE

R.T.: 8.497 min
Delta R.T.: -0.003 min
Response: 71525406
Conc: 40.41 ng/ml



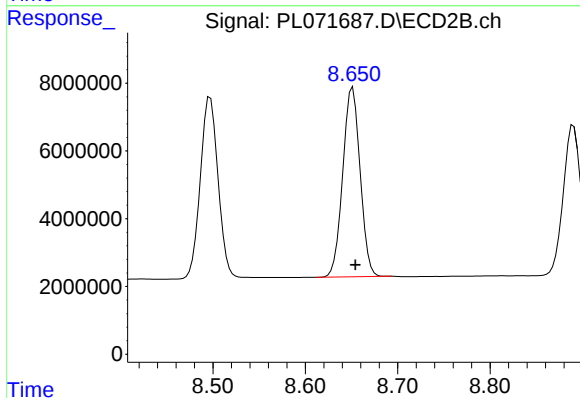
#13 Dieldrin

R.T.: 7.685 min
Delta R.T.: -0.003 min
Response: 33387226
Conc: 40.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
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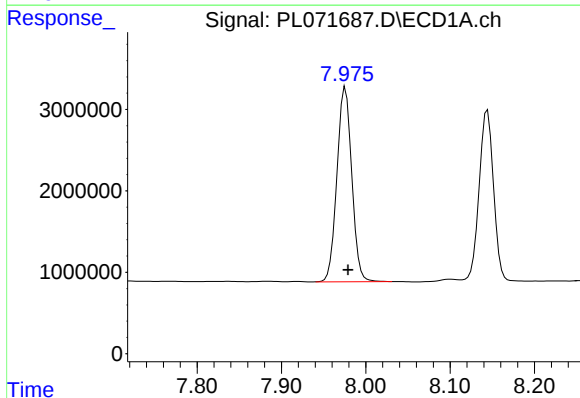
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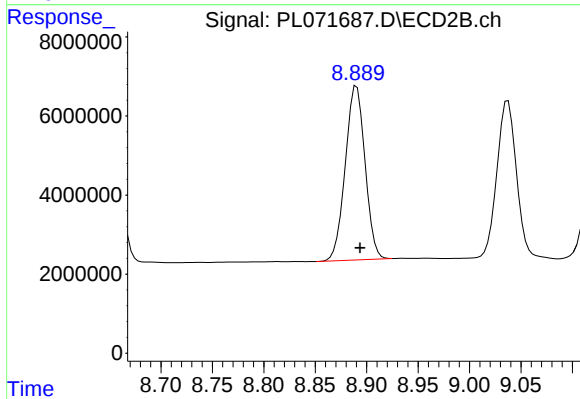
#13 Dieldrin

R.T.: 8.651 min
Delta R.T.: -0.003 min
Response: 73091933
Conc: 39.39 ng/ml



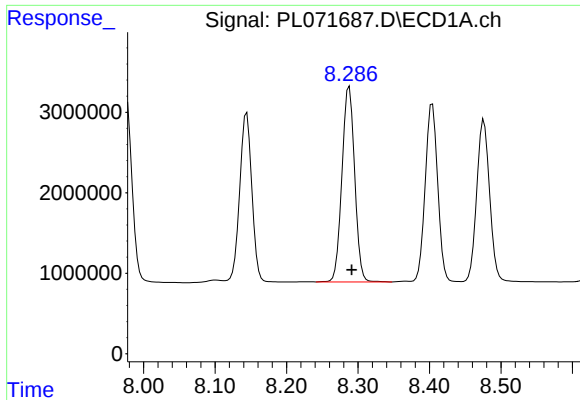
#14 Endrin

R.T.: 7.976 min
Delta R.T.: -0.003 min
Response: 29228206
Conc: 39.29 ng/ml



#14 Endrin

R.T.: 8.890 min
Delta R.T.: -0.003 min
Response: 58891055
Conc: 39.08 ng/ml



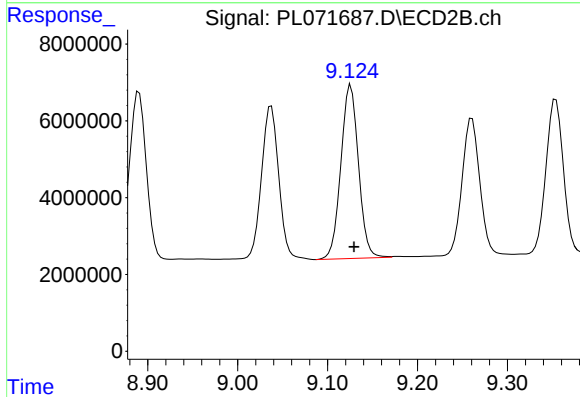
#15 Endosulfan II

R.T.: 8.288 min
Delta R.T.: -0.003 min
Response: 29981114
Conc: 41.67 ng/ml

Instrument :
ECD_L
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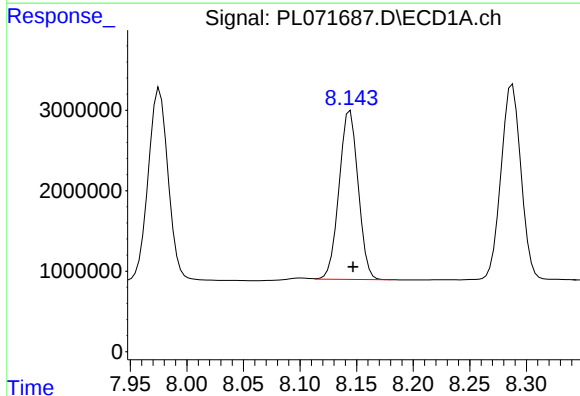
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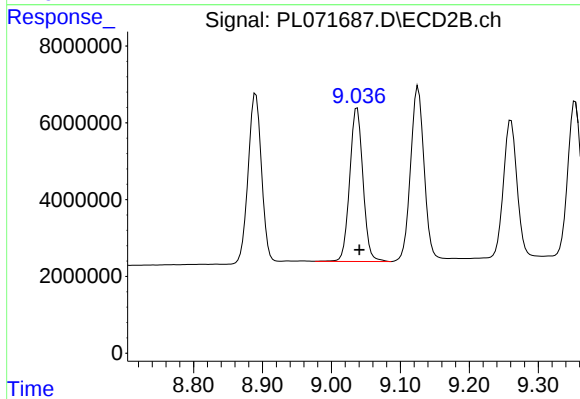
#15 Endosulfan II

R.T.: 9.126 min
Delta R.T.: -0.003 min
Response: 61570657
Conc: 41.41 ng/ml



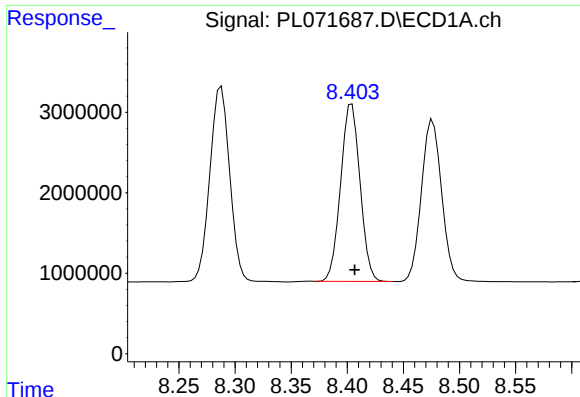
#16 4,4'-DDD

R.T.: 8.144 min
Delta R.T.: -0.003 min
Response: 24629544
Conc: 41.51 ng/ml



#16 4,4'-DDD

R.T.: 9.037 min
Delta R.T.: -0.003 min
Response: 53494758
Conc: 41.19 ng/ml



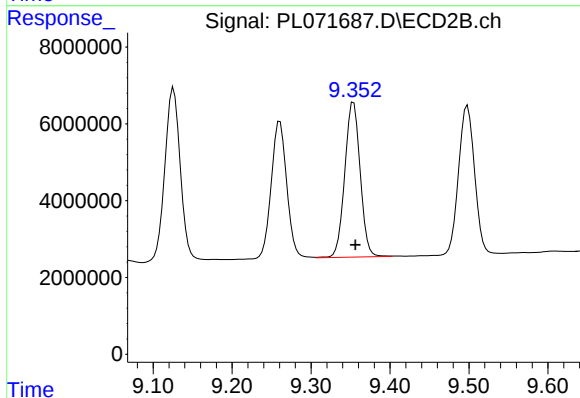
#17 4,4'-DDT

R.T.: 8.404 min
Delta R.T.: -0.003 min
Response: 26530036
Conc: 41.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
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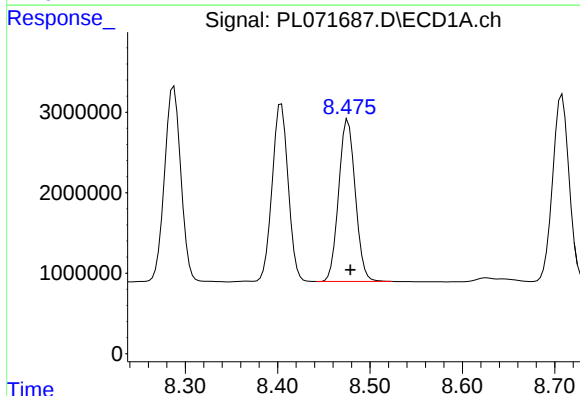
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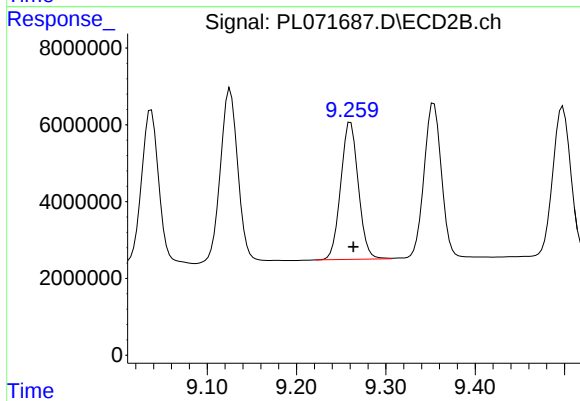
#17 4,4'-DDT

R.T.: 9.354 min
Delta R.T.: -0.002 min
Response: 54771385
Conc: 40.12 ng/ml



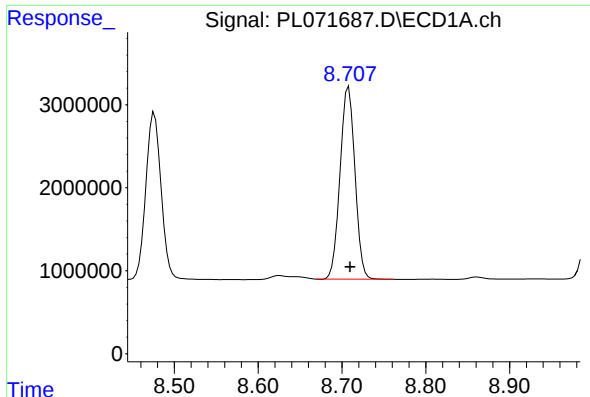
#18 Endrin aldehyde

R.T.: 8.476 min
Delta R.T.: -0.003 min
Response: 25201144
Conc: 43.45 ng/ml



#18 Endrin aldehyde

R.T.: 9.261 min
Delta R.T.: -0.003 min
Response: 48880153
Conc: 42.28 ng/ml



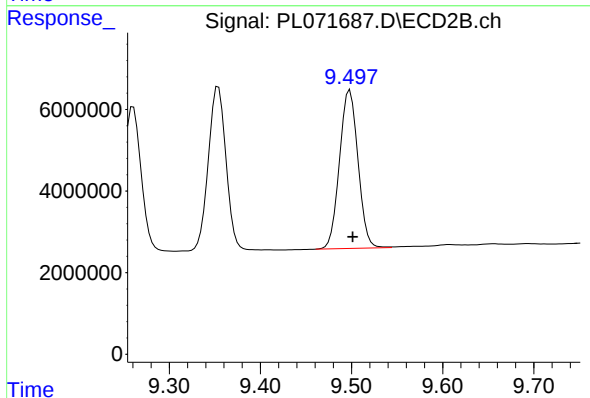
#19 Endosulfan Sulfate

R.T.: 8.708 min
Delta R.T.: -0.002 min
Response: 28686920
Conc: 38.84 ng/ml

Instrument :
ECD_L
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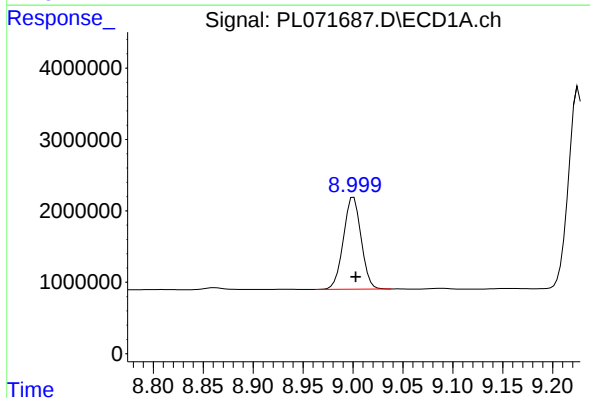
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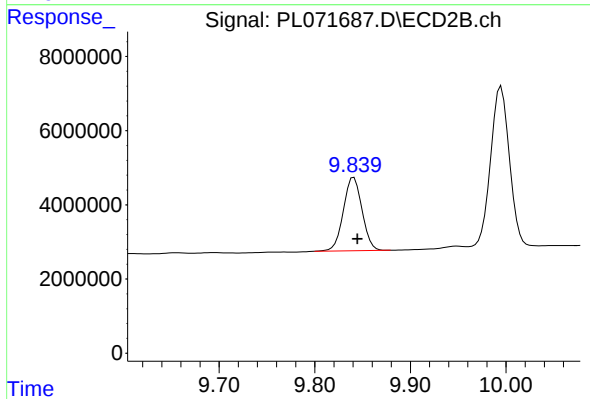
#19 Endosulfan Sulfate

R.T.: 9.498 min
Delta R.T.: -0.003 min
Response: 54830617
Conc: 38.97 ng/ml



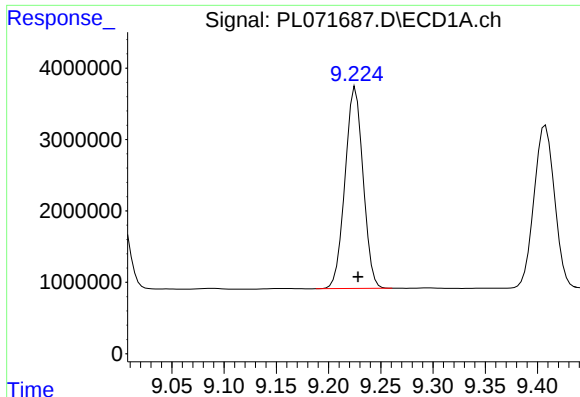
#20 Methoxychlor

R.T.: 9.001 min
Delta R.T.: -0.002 min
Response: 15940651
Conc: 42.78 ng/ml



#20 Methoxychlor

R.T.: 9.841 min
Delta R.T.: -0.004 min
Response: 26935263
Conc: 41.44 ng/ml



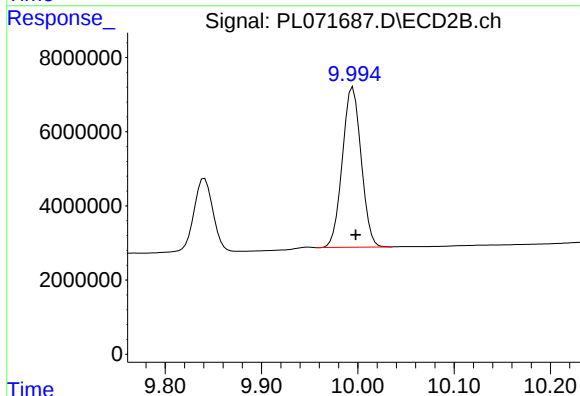
#21 Endrin ketone

R.T.: 9.226 min
Delta R.T.: -0.002 min
Response: 33852922
Conc: 43.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
SASP2-123-1-40-57MSD

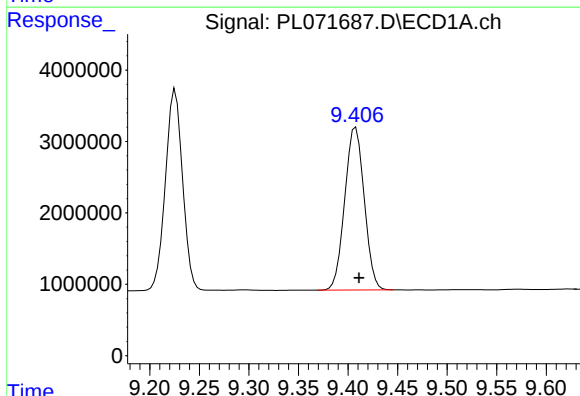
Manual Integrations
APPROVED

Reviewed By :Ankita Jodhani 12/28/2021
Supervised By :mohammad ahmed 12/29/2021



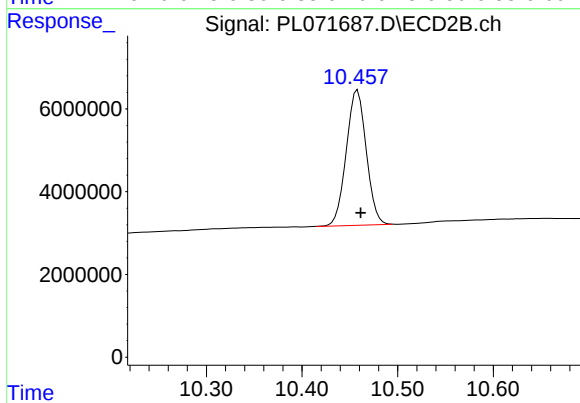
#21 Endrin ketone

R.T.: 9.995 min
Delta R.T.: -0.003 min
Response: 58254262
Conc: 42.89 ng/ml



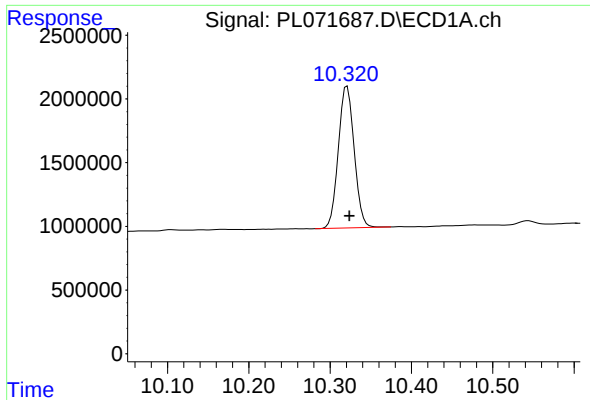
#22 Mirex

R.T.: 9.408 min
Delta R.T.: -0.003 min
Response: 31148116
Conc: 43.10 ng/ml



#22 Mirex

R.T.: 10.458 min
Delta R.T.: -0.003 min
Response: 47648433
Conc: 43.85 ng/ml



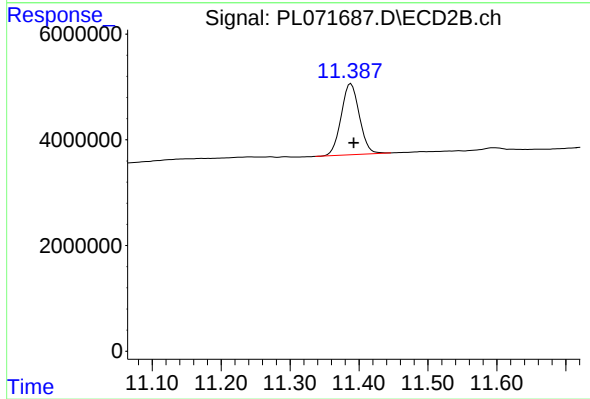
#28 Decachlorobiphenyl

R.T.: 10.321 min
Delta R.T.: -0.003 min
Response: 15054502
Conc: 20.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
SASP2-123-1-40-57MSD

Manual Integrations
APPROVED

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Supervised By :mohammad ahmed 12/29/2021



#28 Decachlorobiphenyl

R.T.: 11.388 min
Delta R.T.: -0.004 min
Response: 24768952
Conc: 19.76 ng/ml