

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL081122\
 Data File : PL077035.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Aug 2022 15:13
 Operator : AR\AJ
 Sample : N4143-01MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 RB-21204MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/12/2022
 Supervised By :Ankita Jodhani 08/12/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 11 23:12:24 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL080822.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 09 09:13:15 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	2.638	8128972	22430290	8.290	7.836
28)	SA Decachlor...	8.920	7.745	10892826	28425661	14.429	12.627
Target Compounds							
2)	A alpha-BHC	3.886	3.132	44305641	108.9E6	32.007	25.682
3)	MA gamma-BHC...	4.219	3.457	39751406	102.1E6	31.086m	26.748
4)	MA Heptachlor	4.797	3.790	41824376	120.1E6	34.042m	33.479
5)	MB Aldrin	5.134	4.065	57754888	103.6E6	50.902m	29.253 #
6)	B beta-BHC	4.433	3.756	17221002	40645915	30.680	26.014
7)	B delta-BHC	4.676	3.979	37827905	96993498	33.975	25.379 #
8)	B Heptachlo...	5.570	4.564	145.2E6	243.7E6	143.800	80.188m#
9)	A Endosulfan I	5.955	4.927	37684993	146.8E6	41.143	53.724 #
10)	B gamma-Chl...	5.827	4.814	474.4E6	884.0E6	473.312	290.154 #
11)	B alpha-Chl...	5.905	4.876	730.0E6	1339.2E6	731.377	449.723 #
12)	B 4,4'-DDE	6.082	5.070	57665374	149.3E6	66.088m	51.753
13)	MA Dieldrin	6.235	5.194	122.6E6	313.8E6	126.231	104.620
14)	MA Endrin	6.467	5.470	27006748	137.1E6	33.184	53.984 #
15)	B Endosulfa...	6.695	5.764	38395551	407.6E6	44.762	155.640 #
16)	A 4,4'-DDD	6.609	5.623	45599059	70124196	59.854	31.120 #
17)	MA 4,4'-DDT	6.918	5.872	151.7E6	350.0E6	197.442	154.399
18)	B Endrin al...	6.826	5.940	30698738	44138768	42.577	22.450m#
19)	B Endosulfa...	7.058	6.165	37198813	88655126	44.993	38.428
20)	A Methoxychlor	7.400	6.450	26732624	50886068	60.224	42.306 #
21)	B Endrin ke...	7.548	6.664	49245072	86184899	54.361	33.881 #
22)	Mirex	8.006	6.841	47348899	69293405	67.392	36.218 #

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL081122\
Data File : PL077035.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Aug 2022 15:13
Operator : AR\AJ
Sample : N4143-01MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

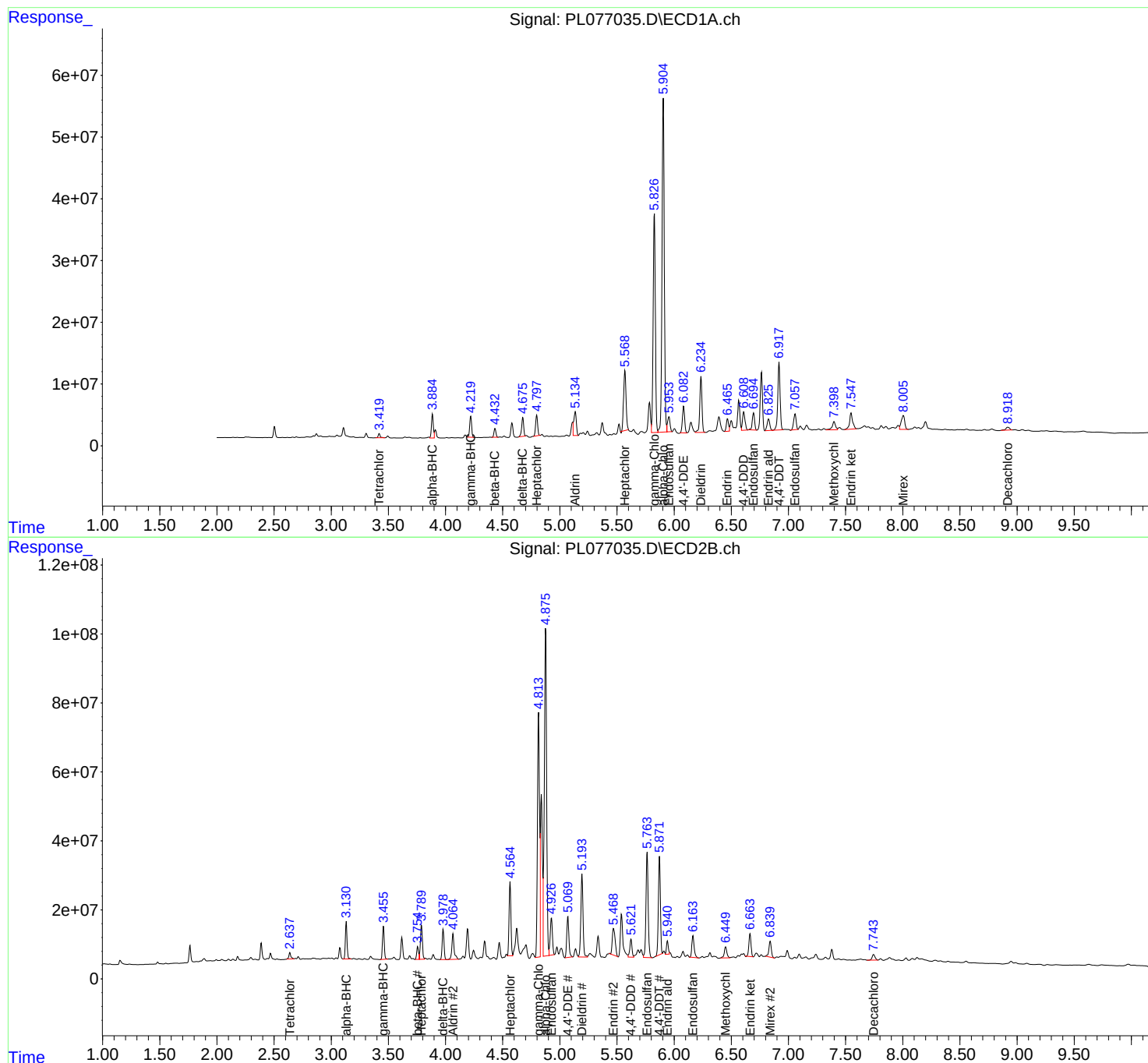
Instrument :
ECD_L
ClientSampleId :
RB-21204MSD

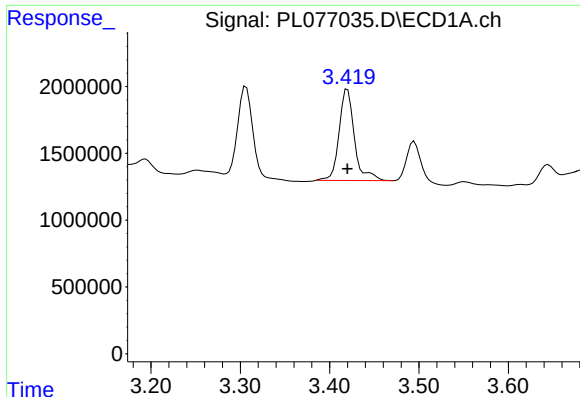
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/12/2022
Supervised By :Ankita Jodhani 08/12/2022

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 11 23:12:24 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL080822.M
Quant Title : GC Extractables
QLast Update : Tue Aug 09 09:13:15 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





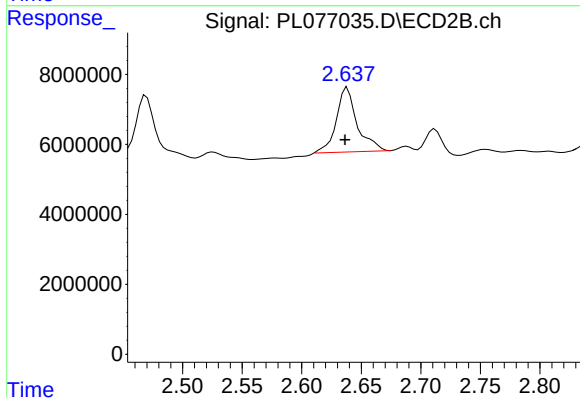
#1 Tetrachloro-m-xylene

R.T.: 3.420 min
Delta R.T.: 0.000 min
Response: 8128972
Conc: 8.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
RB-21204MSD

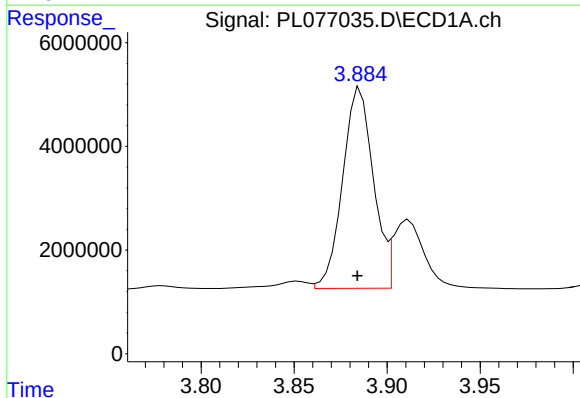
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/12/2022
Supervised By :Ankita Jodhani 08/12/2022



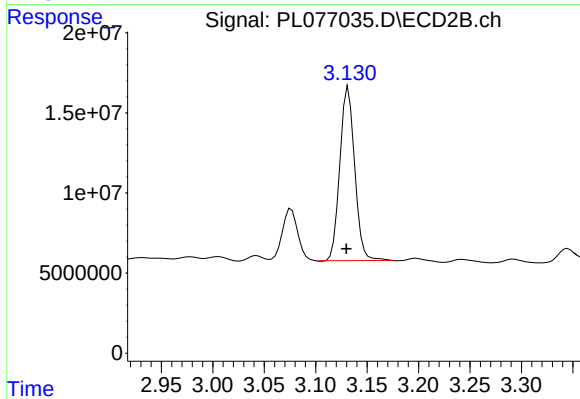
#1 Tetrachloro-m-xylene

R.T.: 2.638 min
Delta R.T.: 0.002 min
Response: 22430290
Conc: 7.84 ng/ml



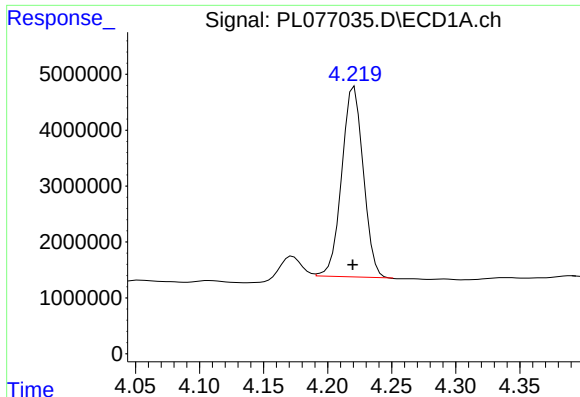
#2 alpha-BHC

R.T.: 3.886 min
Delta R.T.: 0.002 min
Response: 44305641
Conc: 32.01 ng/ml



#2 alpha-BHC

R.T.: 3.132 min
Delta R.T.: 0.002 min
Response: 108914675
Conc: 25.68 ng/ml



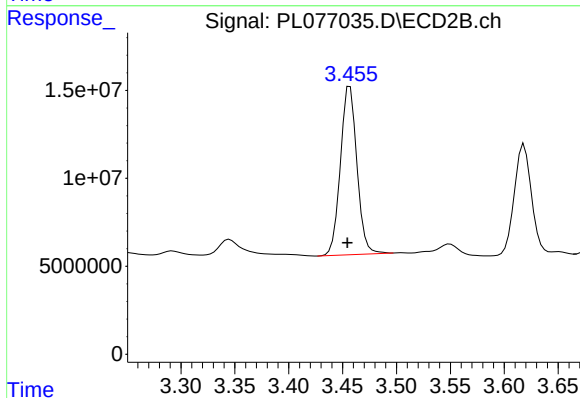
#3 gamma-BHC (Lindane)

R.T.: 4.219 min
Delta R.T.: 0.000 min
Response: 39751406
Conc: 31.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
RB-21204MSD

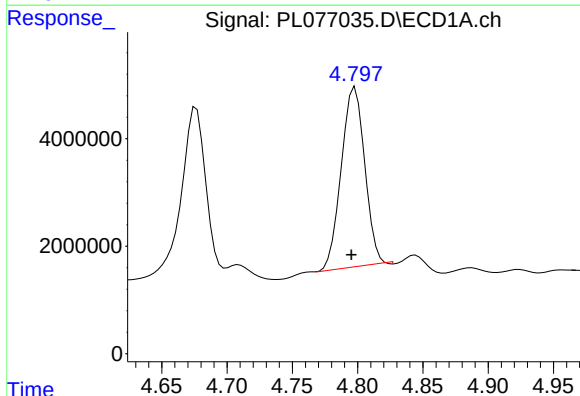
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/12/2022
Supervised By :Ankita Jodhani 08/12/2022



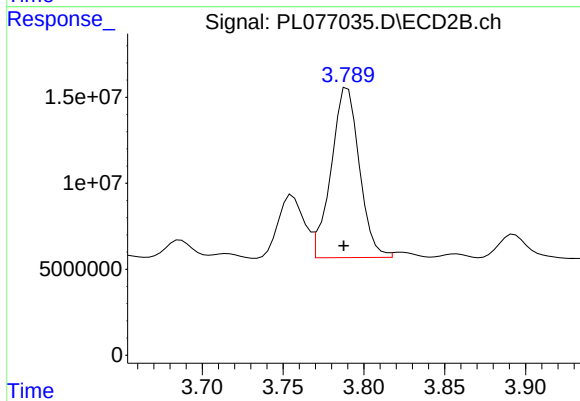
#3 gamma-BHC (Lindane)

R.T.: 3.457 min
Delta R.T.: 0.002 min
Response: 102050817
Conc: 26.75 ng/ml



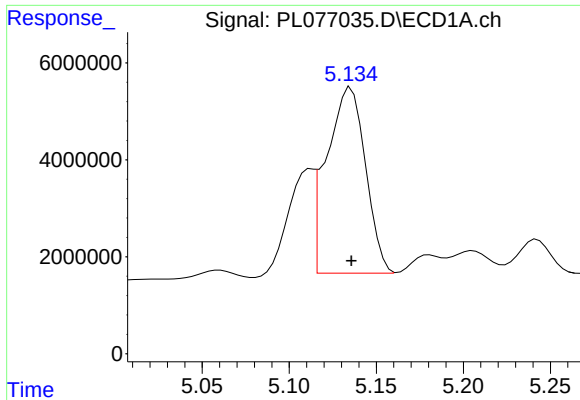
#4 Heptachlor

R.T.: 4.797 min
Delta R.T.: 0.001 min
Response: 41824376
Conc: 34.04 ng/ml m



#4 Heptachlor

R.T.: 3.790 min
Delta R.T.: 0.002 min
Response: 120134684
Conc: 33.48 ng/ml



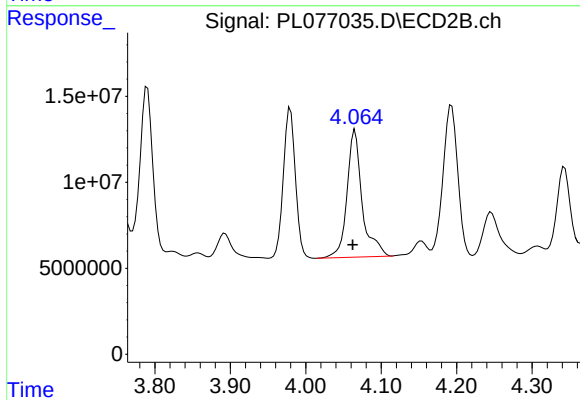
#5 Aldrin

R.T.: 5.134 min
Delta R.T.: -0.002 min
Response: 57754888
Conc: 50.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
RB-21204MSD

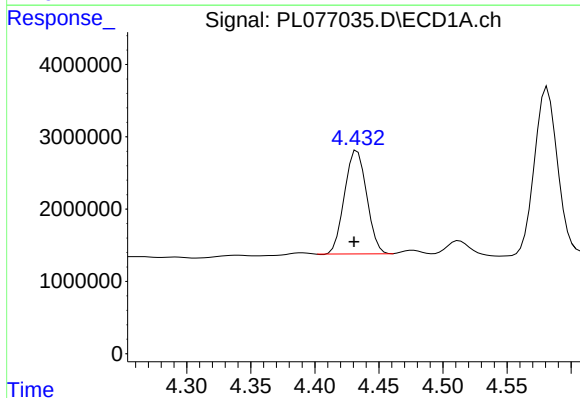
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/12/2022
Supervised By :Ankita Jodhani 08/12/2022



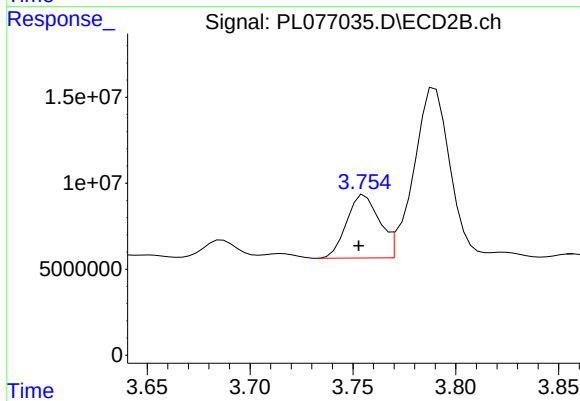
#5 Aldrin

R.T.: 4.065 min
Delta R.T.: 0.003 min
Response: 103639464
Conc: 29.25 ng/ml



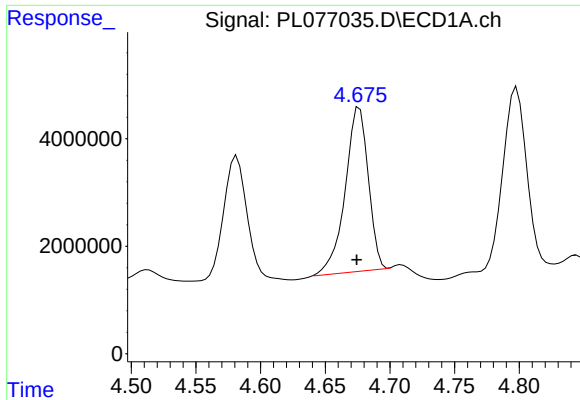
#6 beta-BHC

R.T.: 4.433 min
Delta R.T.: 0.002 min
Response: 17221002
Conc: 30.68 ng/ml



#6 beta-BHC

R.T.: 3.756 min
Delta R.T.: 0.003 min
Response: 40645915
Conc: 26.01 ng/ml



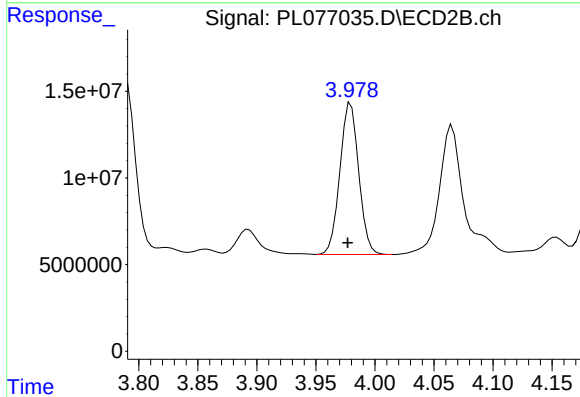
#7 delta-BHC

R.T.: 4.676 min
Delta R.T.: 0.002 min
Response: 37827905
Conc: 33.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
RB-21204MSD

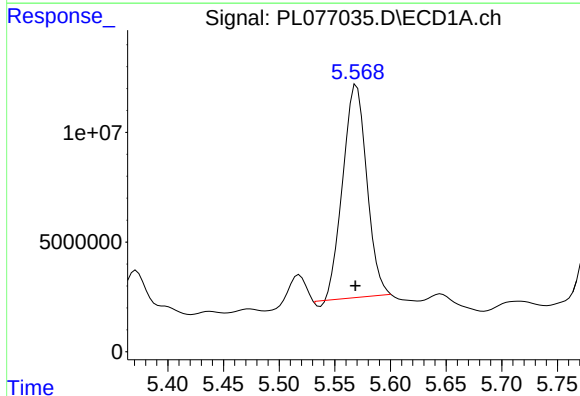
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/12/2022
Supervised By :Ankita Jodhani 08/12/2022



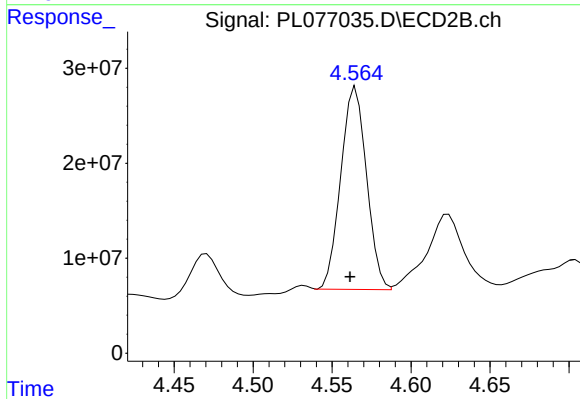
#7 delta-BHC

R.T.: 3.979 min
Delta R.T.: 0.003 min
Response: 96993498
Conc: 25.38 ng/ml



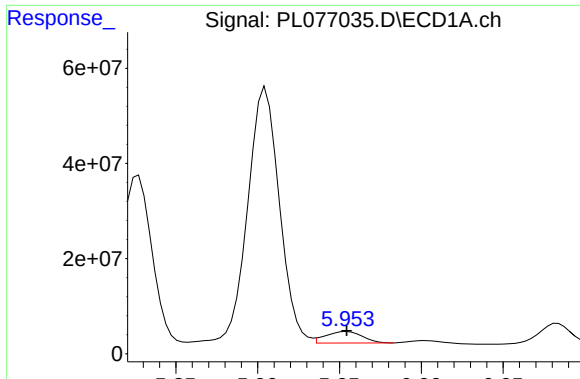
#8 Heptachlor epoxide

R.T.: 5.570 min
Delta R.T.: 0.001 min
Response: 145203153
Conc: 143.80 ng/ml



#8 Heptachlor epoxide

R.T.: 4.564 min
Delta R.T.: 0.002 min
Response: 243699727
Conc: 80.19 ng/ml m



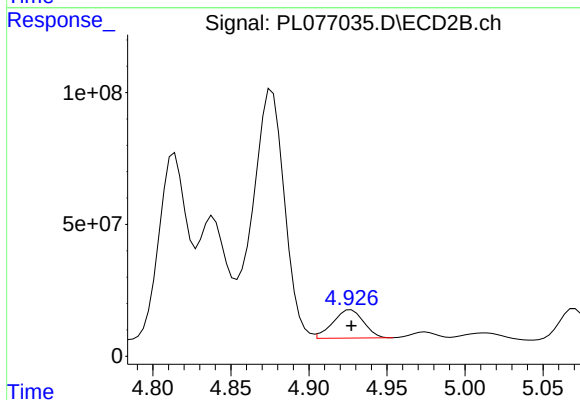
#9 Endosulfan I

R.T.: 5.955 min
Delta R.T.: 0.000 min
Response: 37684993
Conc: 41.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
RB-21204MSD

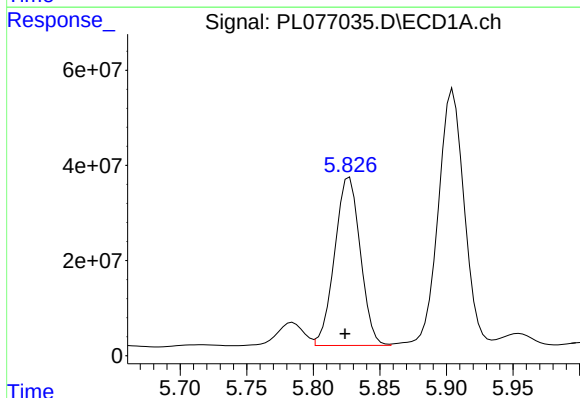
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/12/2022
Supervised By :Ankita Jodhani 08/12/2022



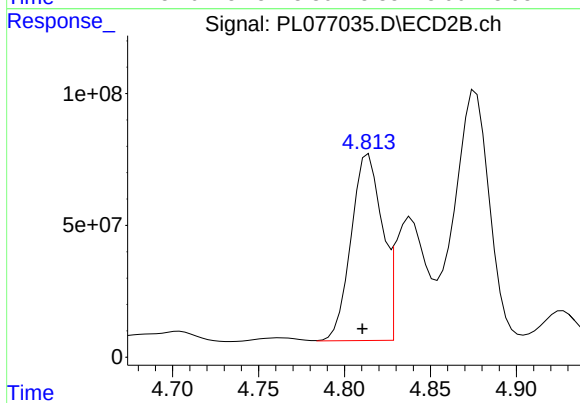
#9 Endosulfan I

R.T.: 4.927 min
Delta R.T.: 0.000 min
Response: 146818958
Conc: 53.72 ng/ml



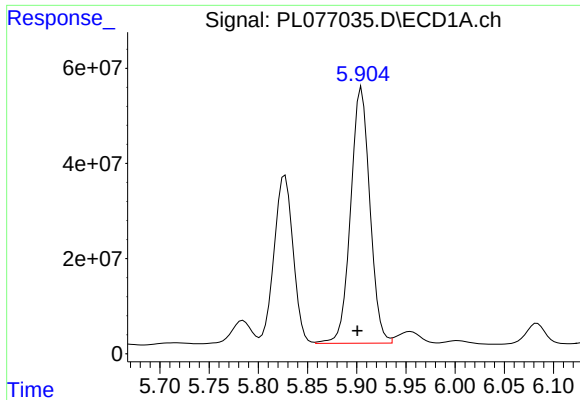
#10 gamma-Chlordane

R.T.: 5.827 min
Delta R.T.: 0.003 min
Response: 474398001
Conc: 473.31 ng/ml



#10 gamma-Chlordane

R.T.: 4.814 min
Delta R.T.: 0.004 min
Response: 883967005
Conc: 290.15 ng/ml



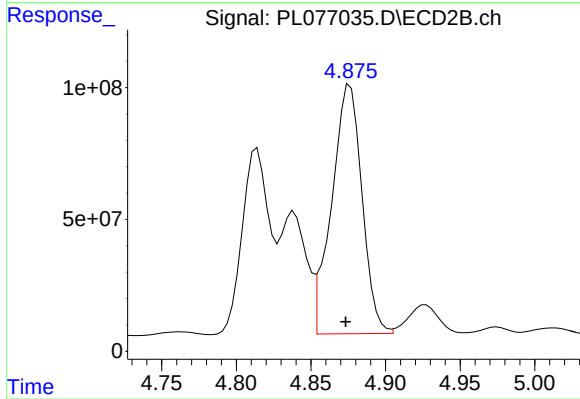
#11 alpha-Chlordane

R.T.: 5.905 min
Delta R.T.: 0.004 min
Response: 729970707
Conc: 731.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
RB-21204MSD

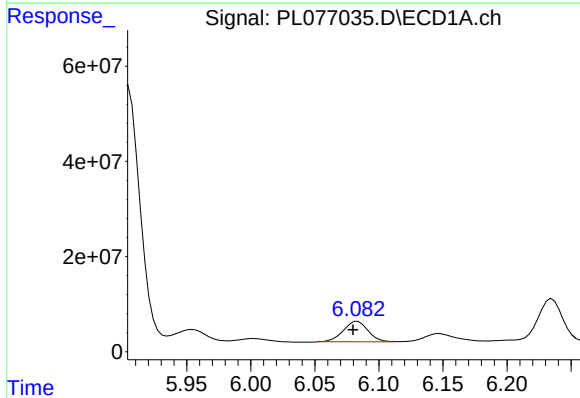
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/12/2022
Supervised By :Ankita Jodhani 08/12/2022



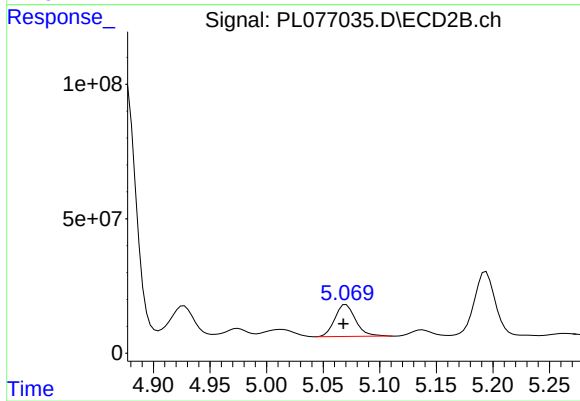
#11 alpha-Chlordane

R.T.: 4.876 min
Delta R.T.: 0.003 min
Response: 1339219808
Conc: 449.72 ng/ml



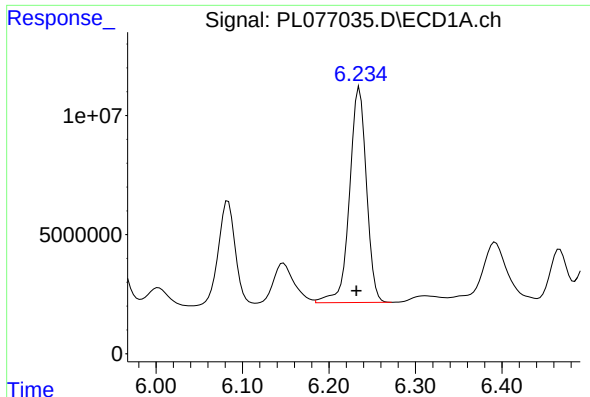
#12 4,4'-DDE

R.T.: 6.082 min
Delta R.T.: 0.002 min
Response: 57665374
Conc: 66.09 ng/ml m



#12 4,4'-DDE

R.T.: 5.070 min
Delta R.T.: 0.002 min
Response: 149320459
Conc: 51.75 ng/ml



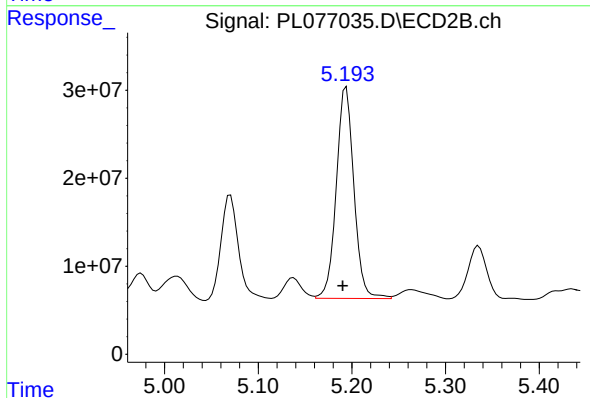
#13 Dieldrin

R.T.: 6.235 min
Delta R.T.: 0.003 min
Response: 122572207
Conc: 126.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
RB-21204MSD

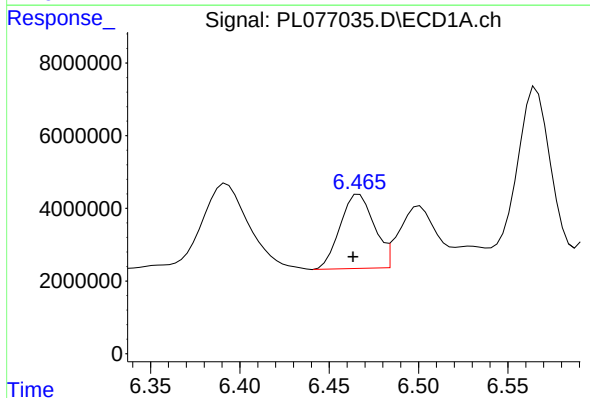
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/12/2022
Supervised By :Ankita Jodhani 08/12/2022



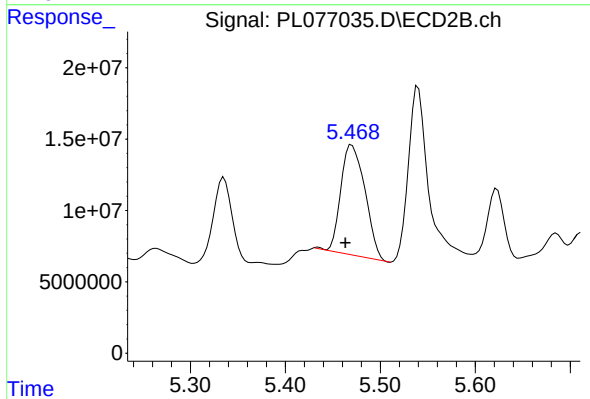
#13 Dieldrin

R.T.: 5.194 min
Delta R.T.: 0.004 min
Response: 313821462
Conc: 104.62 ng/ml



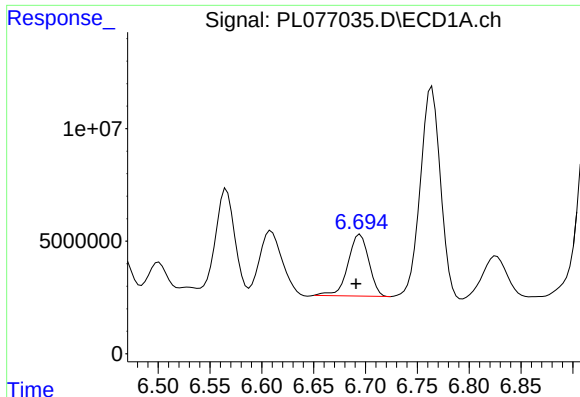
#14 Endrin

R.T.: 6.467 min
Delta R.T.: 0.003 min
Response: 27006748
Conc: 33.18 ng/ml



#14 Endrin

R.T.: 5.470 min
Delta R.T.: 0.007 min
Response: 137135258
Conc: 53.98 ng/ml



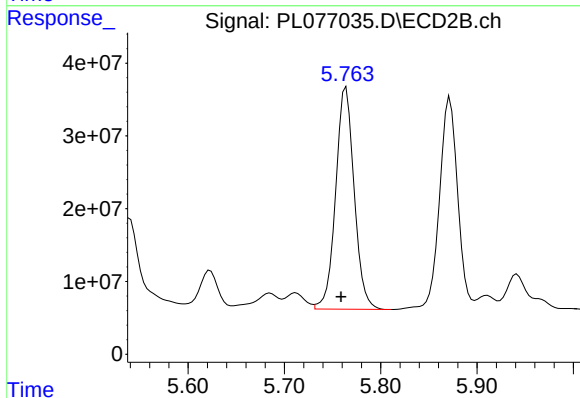
#15 Endosulfan II

R.T.: 6.695 min
Delta R.T.: 0.004 min
Response: 38395551
Conc: 44.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
RB-21204MSD

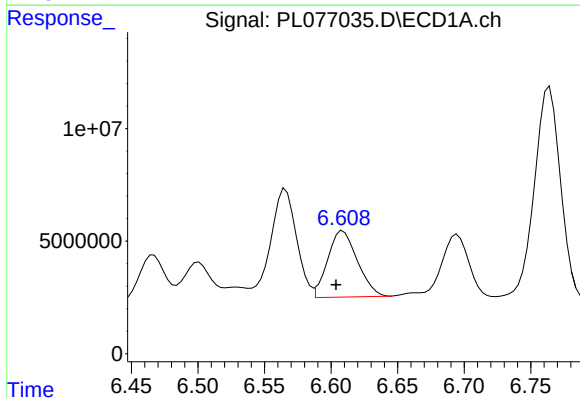
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/12/2022
Supervised By :Ankita Jodhani 08/12/2022



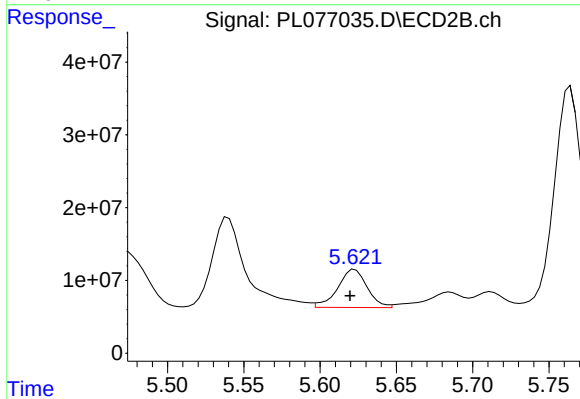
#15 Endosulfan II

R.T.: 5.764 min
Delta R.T.: 0.005 min
Response: 407638866
Conc: 155.64 ng/ml



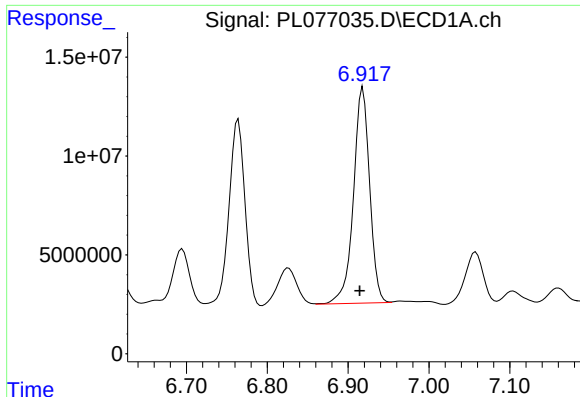
#16 4,4'-DDD

R.T.: 6.609 min
Delta R.T.: 0.005 min
Response: 45599059
Conc: 59.85 ng/ml



#16 4,4'-DDD

R.T.: 5.623 min
Delta R.T.: 0.003 min
Response: 70124196
Conc: 31.12 ng/ml



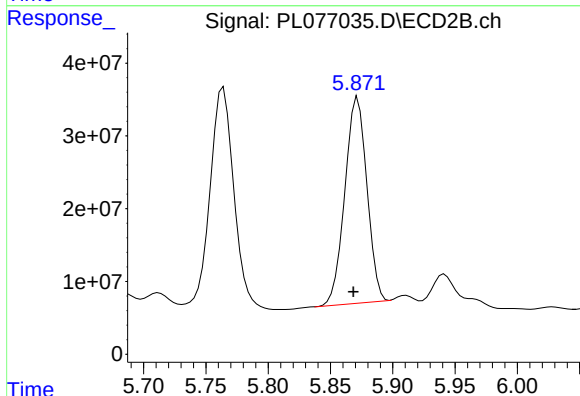
#17 4,4'-DDT

R.T.: 6.918 min
Delta R.T.: 0.004 min
Response: 151723079
Conc: 197.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
RB-21204MSD

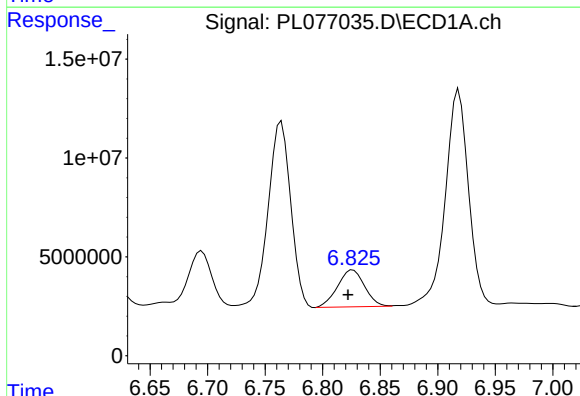
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/12/2022
Supervised By :Ankita Jodhani 08/12/2022



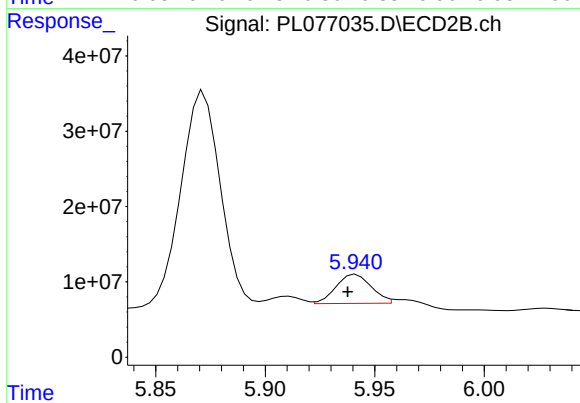
#17 4,4'-DDT

R.T.: 5.872 min
Delta R.T.: 0.004 min
Response: 349990892
Conc: 154.40 ng/ml



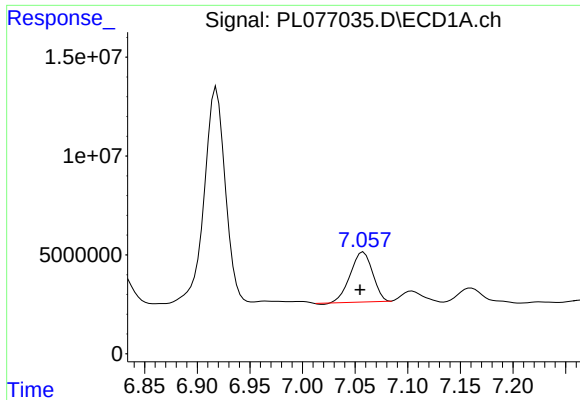
#18 Endrin aldehyde

R.T.: 6.826 min
Delta R.T.: 0.004 min
Response: 30698738
Conc: 42.58 ng/ml



#18 Endrin aldehyde

R.T.: 5.940 min
Delta R.T.: 0.003 min
Response: 44138768
Conc: 22.45 ng/ml m



#19 Endosulfan Sulfate

R.T.: 7.058 min

Delta R.T.: 0.003 min

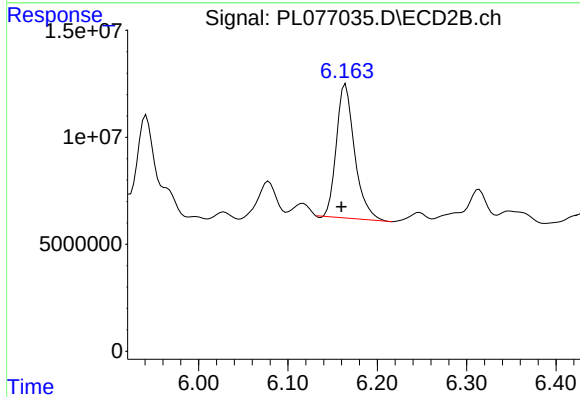
Response: 37198813

Conc: 44.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
RB-21204MSD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/12/2022
Supervised By :Ankita Jodhani 08/12/2022



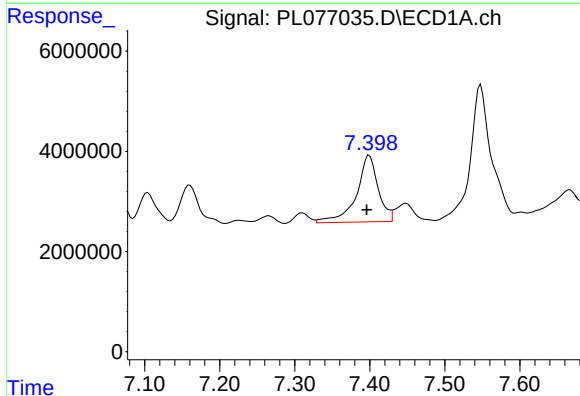
#19 Endosulfan Sulfate

R.T.: 6.165 min

Delta R.T.: 0.005 min

Response: 88655126

Conc: 38.43 ng/ml



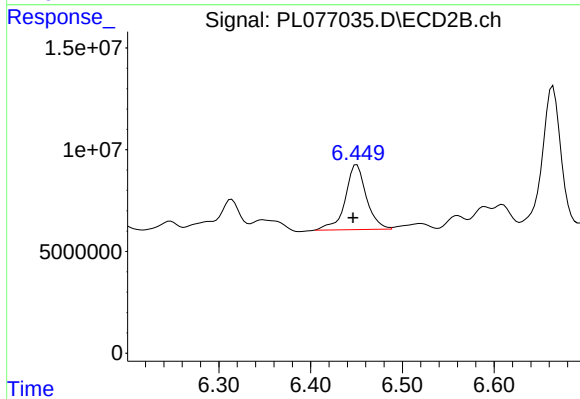
#20 Methoxychlor

R.T.: 7.400 min

Delta R.T.: 0.004 min

Response: 26732624

Conc: 60.22 ng/ml



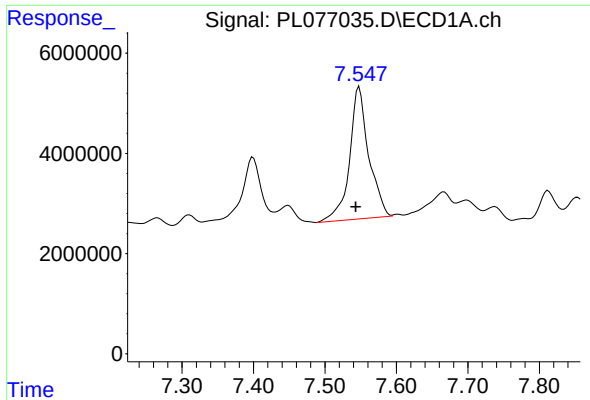
#20 Methoxychlor

R.T.: 6.450 min

Delta R.T.: 0.004 min

Response: 50886068

Conc: 42.31 ng/ml



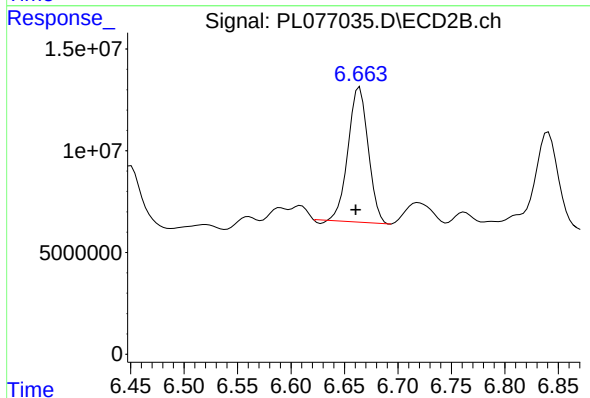
#21 Endrin ketone

R.T.: 7.548 min
Delta R.T.: 0.005 min
Response: 49245072
Conc: 54.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
RB-21204MSD

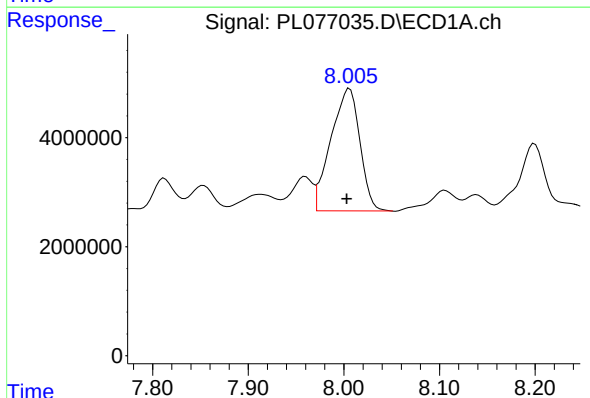
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/12/2022
Supervised By :Ankita Jodhani 08/12/2022



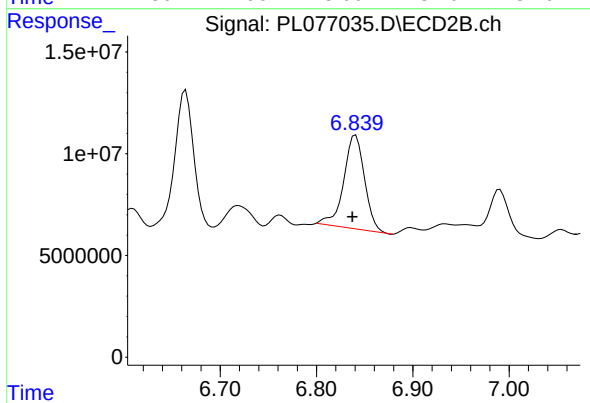
#21 Endrin ketone

R.T.: 6.664 min
Delta R.T.: 0.004 min
Response: 86184899
Conc: 33.88 ng/ml



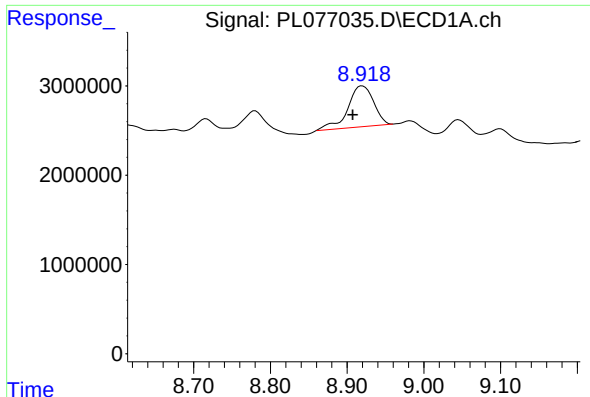
#22 Mirex

R.T.: 8.006 min
Delta R.T.: 0.003 min
Response: 47348899
Conc: 67.39 ng/ml



#22 Mirex

R.T.: 6.841 min
Delta R.T.: 0.004 min
Response: 69293405
Conc: 36.22 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.920 min
Delta R.T.: 0.013 min
Response: 10892826
Conc: 14.43 ng/ml

Instrument :

ECD_L

ClientSampleId :

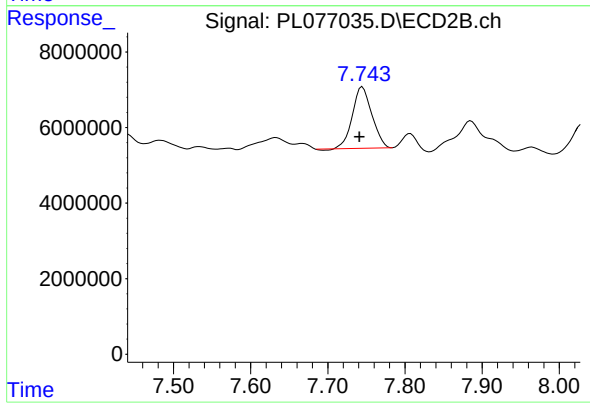
RB-21204MSD

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/12/2022

Supervised By :Ankita Jodhani 08/12/2022



#28 Decachlorobiphenyl

R.T.: 7.745 min
Delta R.T.: 0.004 min
Response: 28425661
Conc: 12.63 ng/ml