

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE042023AL\
 Data File : FE041451.D
 Signal(s) : FID1B.ch
 Acq On : 20 Apr 2023 09:57
 Operator : YP\AJ
 Sample : 02389-14MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 SPB-4WC-23-04-17MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/21/2023
 Supervised By :Ankita Jodhani 04/21/2023

Integration File: autoint1.e
 Quant Time: Apr 21 01:37:07 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032523.M
 Quant Title : GC Extractables
 QLast Update : Sat Mar 25 06:32:15 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.832	3820252	20.327 ug/mlm
Spiked Amount 50.000		Recovery =	40.65%
12) S 1-chlorooctadecane (S...	13.273	3478849	24.179 ug/ml
Spiked Amount 50.000		Recovery =	48.36%
Target Compounds			
1) T n-Nonane (C9)	3.254	8685936	50.059 ug/ml
2) T n-Decane (C10)	4.490	8836821	51.915 ug/mlm
3) T A~Naphthalene (C11.7)	6.185	9430886	51.560 ug/ml
4) T n-Dodecane (C12)	6.646	9053547	52.193 ug/ml
5) T A~2-methylnaphthalene...	7.279	8885354	53.651 ug/ml
6) T n-Tetradecane (C14)	8.472	8978237	51.491 ug/ml
7) T n-Hexadecane (C16)	10.078	9174087	51.582 ug/ml
8) T n-Octadecane (C18)	11.521	9051982	50.697 ug/ml
10) T n-Eicosane (C20)	12.833	8960916	52.534 ug/ml
11) T n-Heneicosane (C21)	13.444	8453117	49.964 ug/mlm
13) T n-Docosane (C22)	14.031	8457634	51.108 ug/mlm
14) T n-Tetracosane (C24)	15.136	17976872	111.115 ug/ml
15) T n-Hexacosane (C26)	16.162	8257502	53.269 ug/ml
16) T n-Octacosane (C28)	17.112	8093109	52.834 ug/mlm
17) T n-Tricontane (C30)	18.006	8715681	57.019 ug/ml
18) T n-Dotriacontane (C32)	18.844	7877639	50.456 ug/ml
19) T n-Tetratriacontane (C34)	19.652	8275652	53.402 ug/ml
20) T n-Hexatriacontane (C36)	20.424	7770046	51.153 ug/mlm
21) T n-Octatriacontane (C38)	21.195f	8892977	56.927 ug/mlm
22) T n-Tetracontane (C40)	22.142f	9026901	56.558 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE042023AL\
Data File : FE041451.D
Signal(s) : FID1B.ch
Acq On : 20 Apr 2023 09:57
Operator : YP\AJ
Sample : 02389-14MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

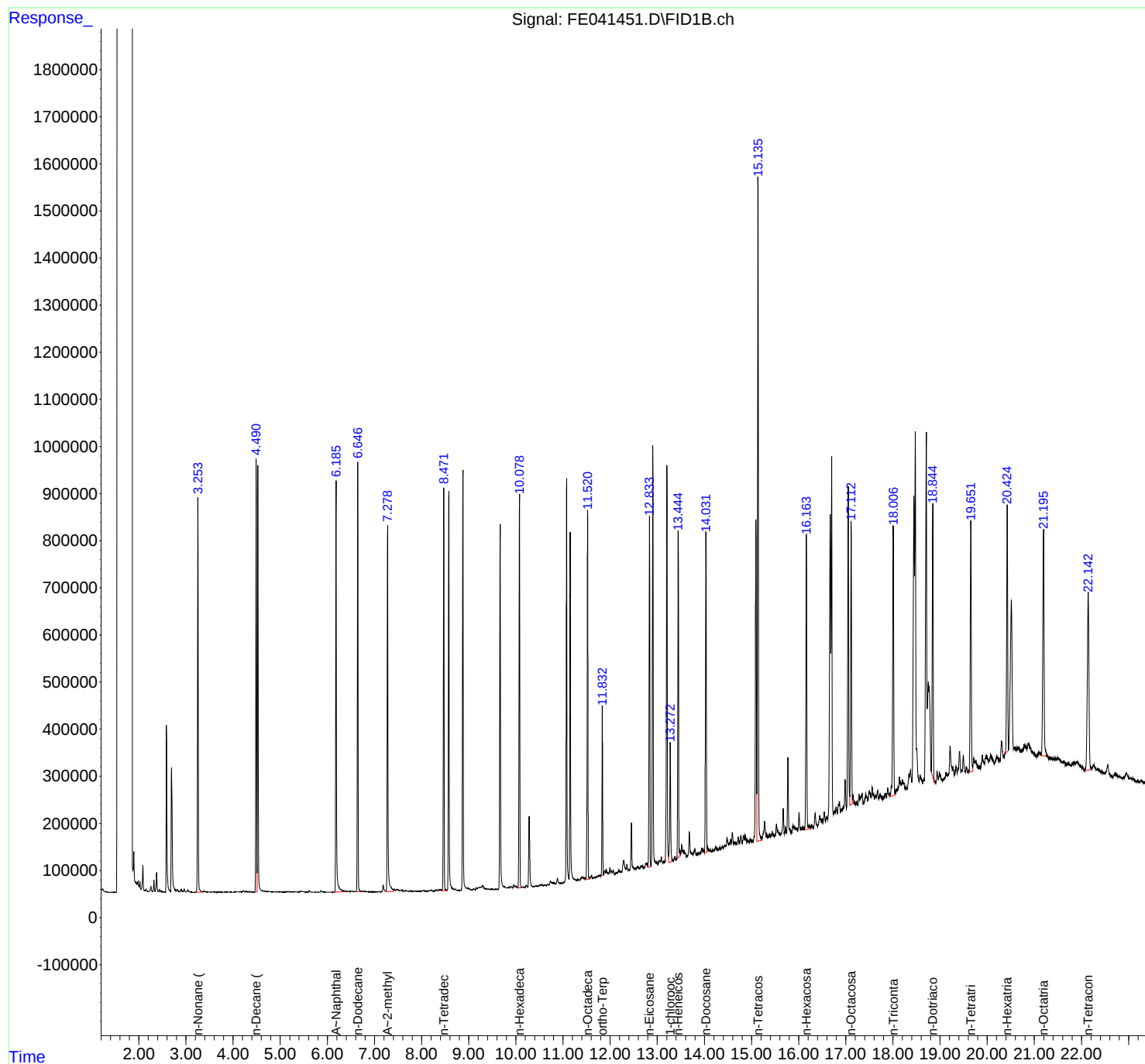
Instrument :
FID_E
ClientSampleId :
SPB-4WC-23-04-17MSD

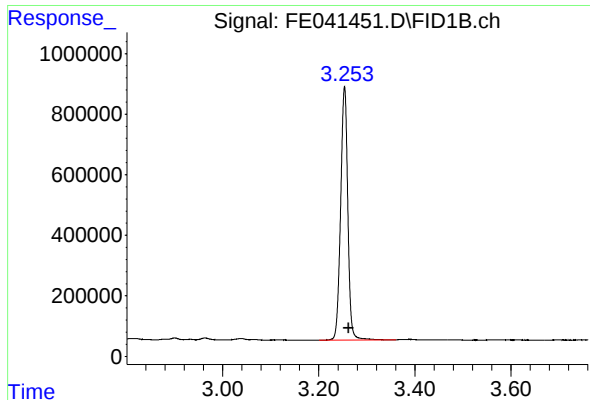
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/21/2023
Supervised By :Ankita Jodhani 04/21/2023

Integration File: autoint1.e
Quant Time: Apr 21 01:37:07 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032523.
Quant Title : GC Extractables
QLast Update : Sat Mar 25 06:32:15 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





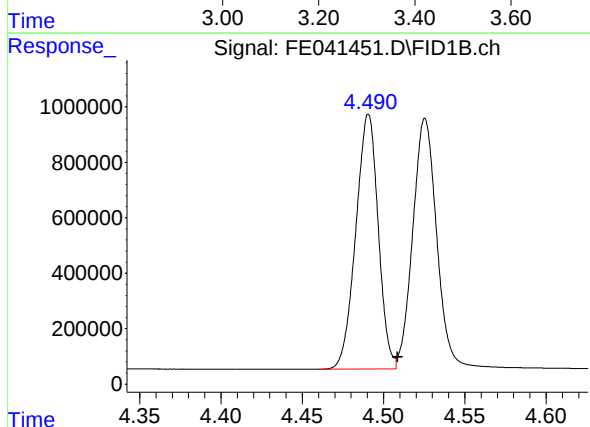
#1 n-Nonane (C9)

R.T.: 3.254 min
Delta R.T.: -0.008 min
Response: 8685936
Conc: 50.06 ug/ml

Instrument :
FID_E
ClientSampleId :
SPB-4WC-23-04-17MSD

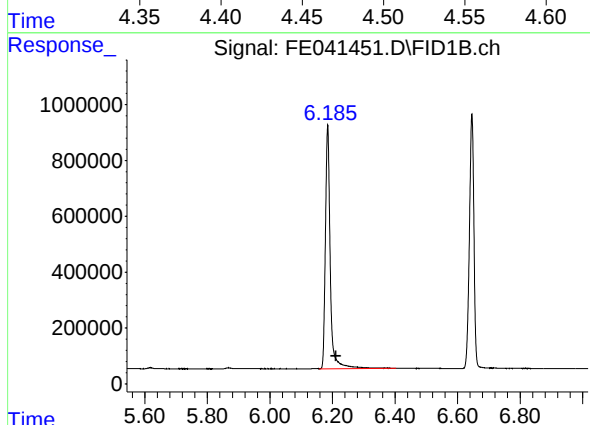
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/21/2023
Supervised By :Ankita Jodhani 04/21/2023



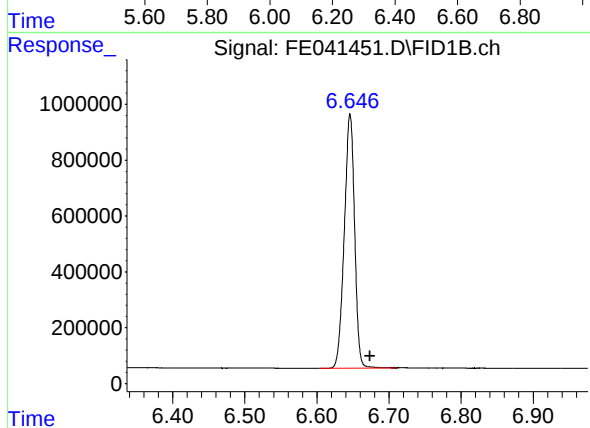
#2 n-Decane (C10)

R.T.: 4.490 min
Delta R.T.: -0.019 min
Response: 8836821
Conc: 51.91 ug/ml



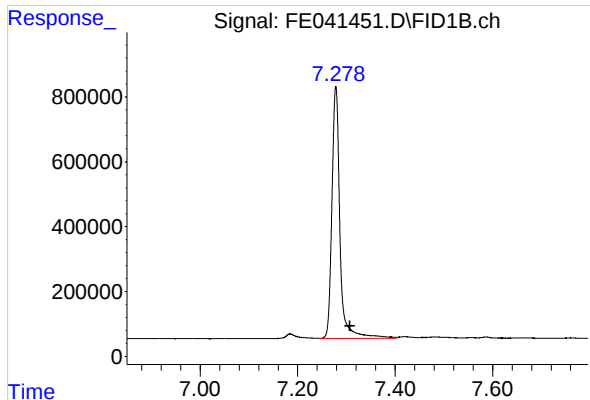
#3 A~Naphthalene (C11.7)

R.T.: 6.185 min
Delta R.T.: -0.027 min
Response: 9430886
Conc: 51.56 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.646 min
Delta R.T.: -0.028 min
Response: 9053547
Conc: 52.19 ug/ml



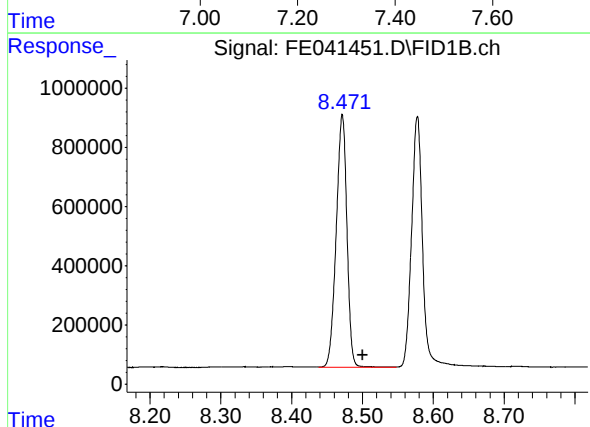
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.279 min
Delta R.T.: -0.029 min
Response: 8885354
Conc: 53.65 ug/ml

Instrument : FID_E
ClientSampleId : SPB-4WC-23-04-17MSD

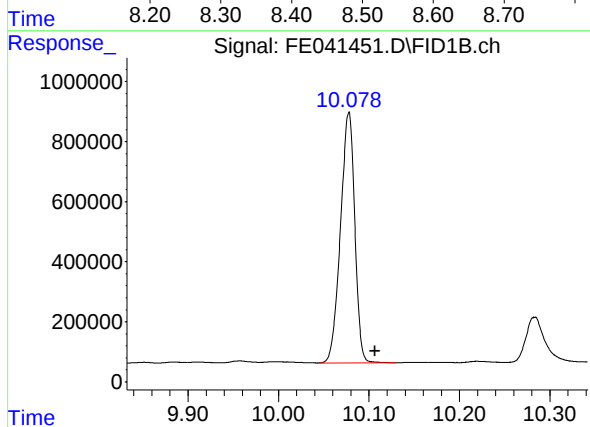
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/21/2023
Supervised By :Ankita Jodhani 04/21/2023



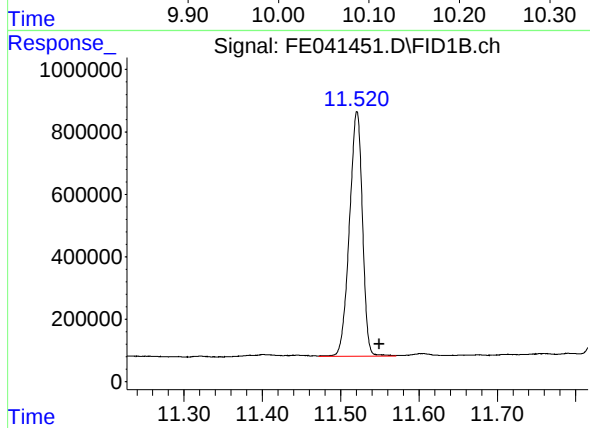
#6 n-Tetradecane (C14)

R.T.: 8.472 min
Delta R.T.: -0.029 min
Response: 8978237
Conc: 51.49 ug/ml



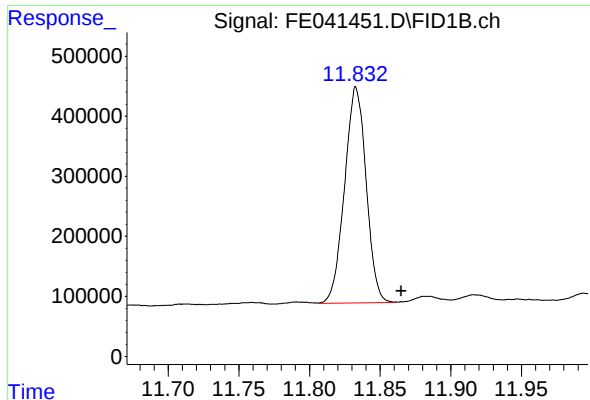
#7 n-Hexadecane (C16)

R.T.: 10.078 min
Delta R.T.: -0.029 min
Response: 9174087
Conc: 51.58 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.521 min
Delta R.T.: -0.029 min
Response: 9051982
Conc: 50.70 ug/ml



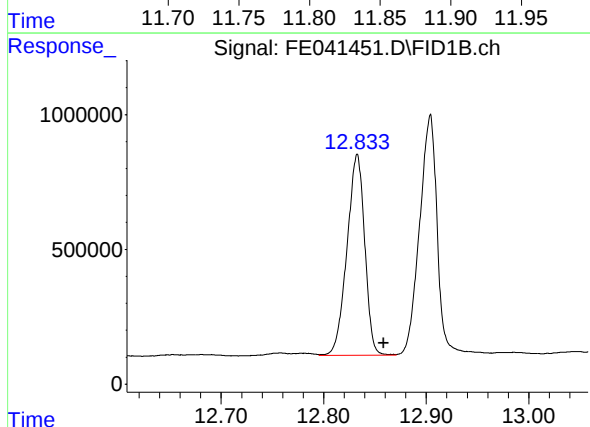
#9 ortho-Terphenyl (SURR)

R.T.: 11.832 min
Delta R.T.: -0.033 min
Response: 3820252
Conc: 20.33 ug/ml

Instrument :
FID_E
ClientSampleId :
SPB-4WC-23-04-17MSD

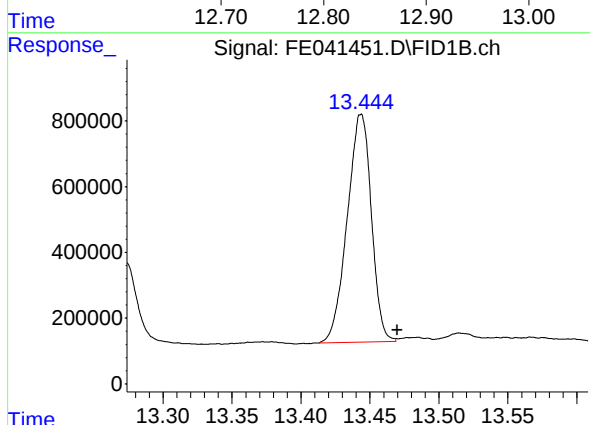
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/21/2023
Supervised By :Ankita Jodhani 04/21/2023



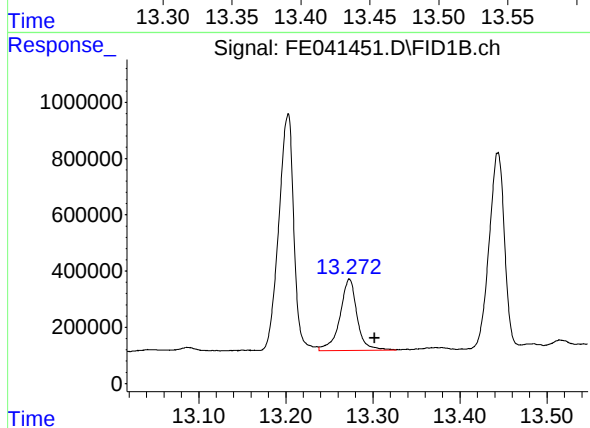
#10 n-Eicosane (C20)

R.T.: 12.833 min
Delta R.T.: -0.026 min
Response: 8960916
Conc: 52.53 ug/ml



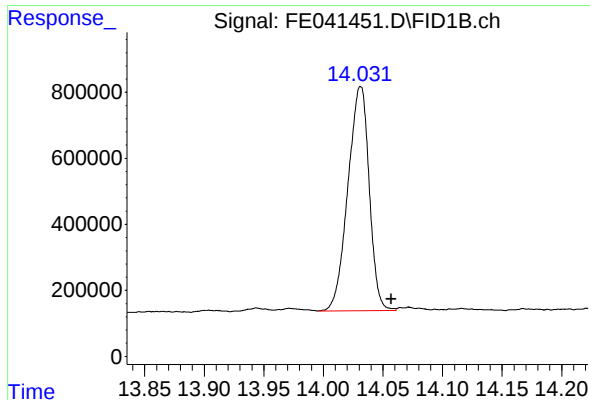
#11 n-Heneicosane (C21)

R.T.: 13.444 min
Delta R.T.: -0.026 min
Response: 8453117
Conc: 49.96 ug/ml m



#12 1-chlorooctadecane (SURR)

R.T.: 13.273 min
Delta R.T.: -0.029 min
Response: 3478849
Conc: 24.18 ug/ml



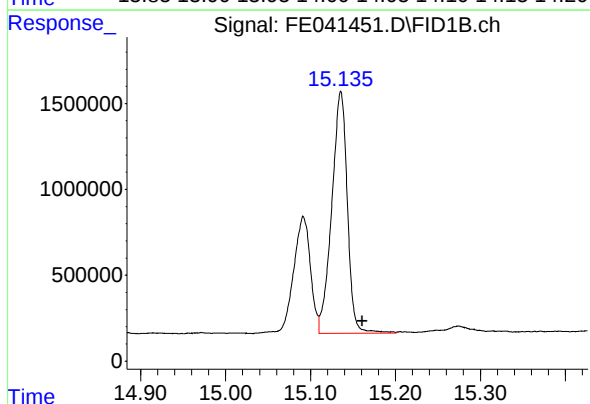
#13 n-Docosane (C22)

R.T.: 14.031 min
Delta R.T.: -0.027 min
Response: 8457634
Conc: 51.11 ug/ml

Instrument :
FID_E
ClientSampleId :
SPB-4WC-23-04-17MSD

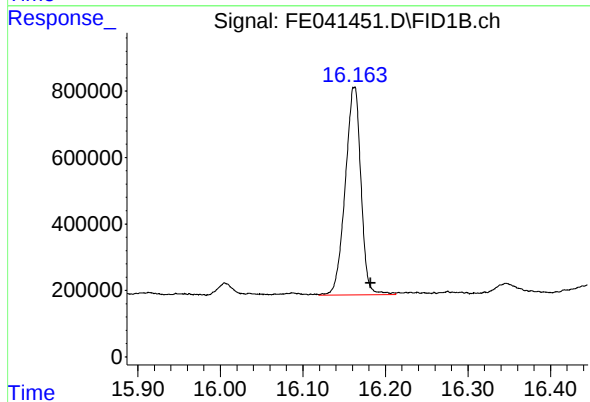
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/21/2023
Supervised By :Ankita Jodhani 04/21/2023



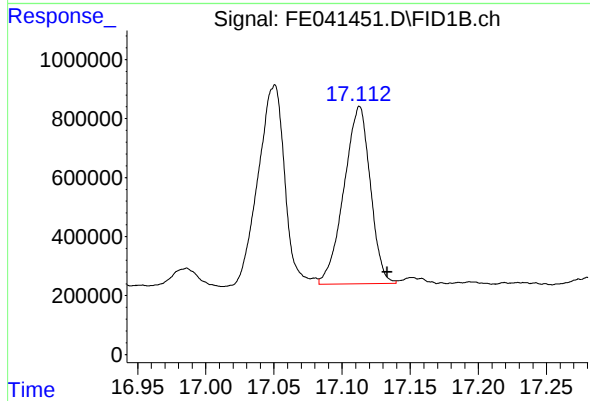
#14 n-Tetracosane (C24)

R.T.: 15.136 min
Delta R.T.: -0.025 min
Response: 17976872
Conc: 111.11 ug/ml



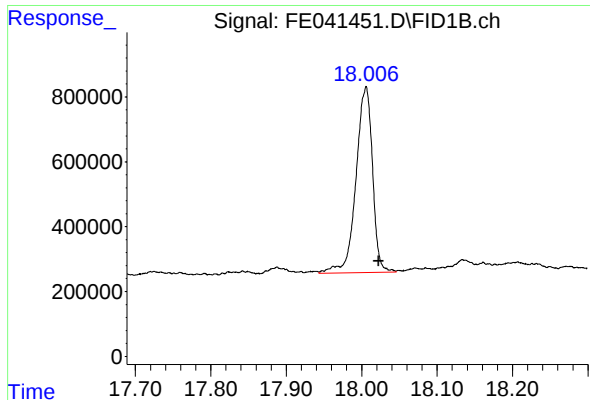
#15 n-Hexacosane (C26)

R.T.: 16.162 min
Delta R.T.: -0.020 min
Response: 8257502
Conc: 53.27 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.112 min
Delta R.T.: -0.021 min
Response: 8093109
Conc: 52.83 ug/ml m



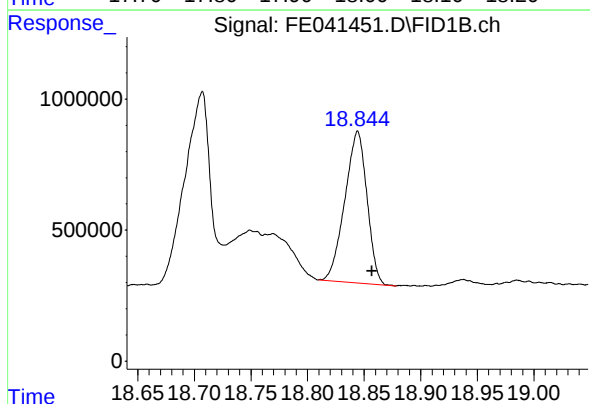
#17 n-Tricontane (C30)

R.T.: 18.006 min
Delta R.T.: -0.016 min
Response: 8715681
Conc: 57.02 ug/ml

Instrument :
FID_E
ClientSampleId :
SPB-4WC-23-04-17MSD

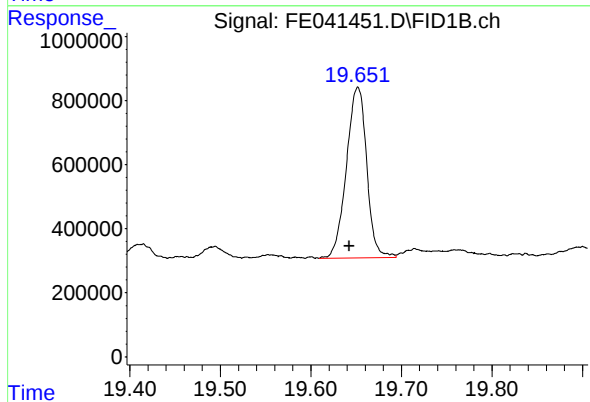
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/21/2023
Supervised By :Ankita Jodhani 04/21/2023



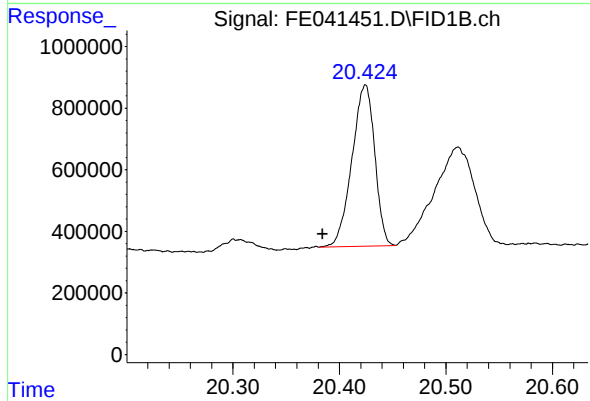
#18 n-Dotriacontane (C32)

R.T.: 18.844 min
Delta R.T.: -0.012 min
Response: 7877639
Conc: 50.46 ug/ml



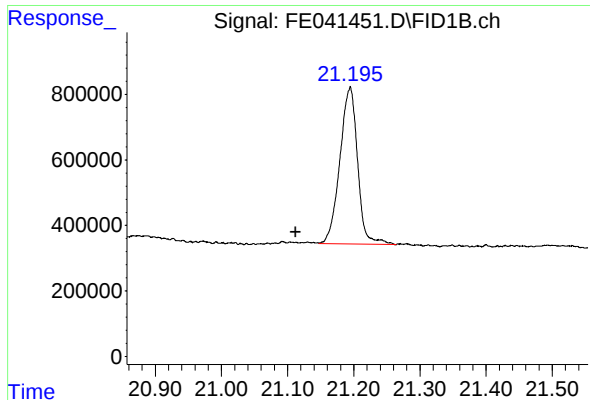
#19 n-Tetratriacontane (C34)

R.T.: 19.652 min
Delta R.T.: 0.009 min
Response: 8275652
Conc: 53.40 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.424 min
Delta R.T.: 0.040 min
Response: 7770046
Conc: 51.15 ug/ml m



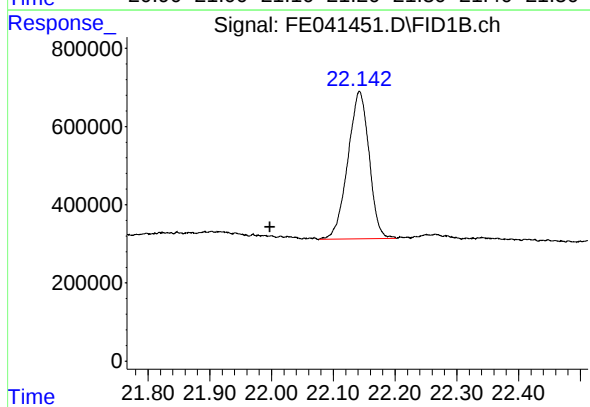
#21 n-Octatriacontane (C38)

R.T.: 21.195 min
Delta R.T.: 0.082 min
Response: 8892977
Conc: 56.93 ug/ml

Instrument :
FID_E
ClientSampleId :
SPB-4WC-23-04-17MSD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/21/2023
Supervised By :Ankita Jodhani 04/21/2023



#22 n-Tetracontane (C40)

R.T.: 22.142 min
Delta R.T.: 0.144 min
Response: 9026901
Conc: 56.56 ug/ml m