

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE121323AL\
 Data File : FE045798.D
 Signal(s) : FID1B.ch
 Acq On : 13 Dec 2023 07:18
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/14/2023
 Supervised By :Ankita Jodhani 12/14/2023

Integration File: autoint1.e
 Quant Time: Dec 13 21:15:58 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 113023.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 30 12:25:07 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)	11.844	3858270	18.450 ug/ml
Spiked Amount 50.000		Recovery =	36.90%
12) S 1-chlorooctadecane (S...	13.287	2854113	18.139 ug/ml
Spiked Amount 50.000		Recovery =	36.28%
Target Compounds			
1) T n-Nonane (C9)	3.235	3154549	19.893 ug/ml
2) T n-Decane (C10)	4.486	3229757	20.169 ug/ml
3) T A~Naphthalene (C11.7)	6.185	3495646	20.067 ug/ml
4) T n-Dodecane (C12)	6.652	3264602	20.211 ug/ml
5) T A~2-methylnaphthalene...	7.281	3406476	20.060 ug/ml
6) T n-Tetradecane (C14)	8.478	3239673	20.195 ug/ml
7) T n-Hexadecane (C16)	10.087	3303992	19.952 ug/ml
8) T n-Octadecane (C18)	11.532	3314051	19.330 ug/ml
10) T n-Eicosane (C20)	12.843	3198367	18.485 ug/ml
11) T n-Heneicosane (C21)	13.456	3121747	18.146 ug/ml
13) T n-Docosane (C22)	14.042	3108516	18.029 ug/ml
14) T n-Tetracosane (C24)	15.147	3085406	17.673 ug/ml
15) T n-Hexacosane (C26)	16.169	3025701	17.374 ug/ml
16) T n-Octacosane (C28)	17.121	3030699	17.535 ug/ml
17) T n-Tricontane (C30)	18.010	3149986	18.005 ug/ml
18) T n-Dotriacontane (C32)	18.844	3186577	17.467 ug/ml
19) T n-Tetratriacontane (C34)	19.629	3003825	18.103 ug/mlm
20) T n-Hexatriacontane (C36)	20.370	2927399	18.442 ug/mlm
21) T n-Octatriacontane (C38)	21.104	2888122	18.417 ug/mlm
22) T n-Tetracontane (C40)	22.001	2996501	21.085 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE121323AL\
Data File : FE045798.D
Signal(s) : FID1B.ch
Acq On : 13 Dec 2023 07:18
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

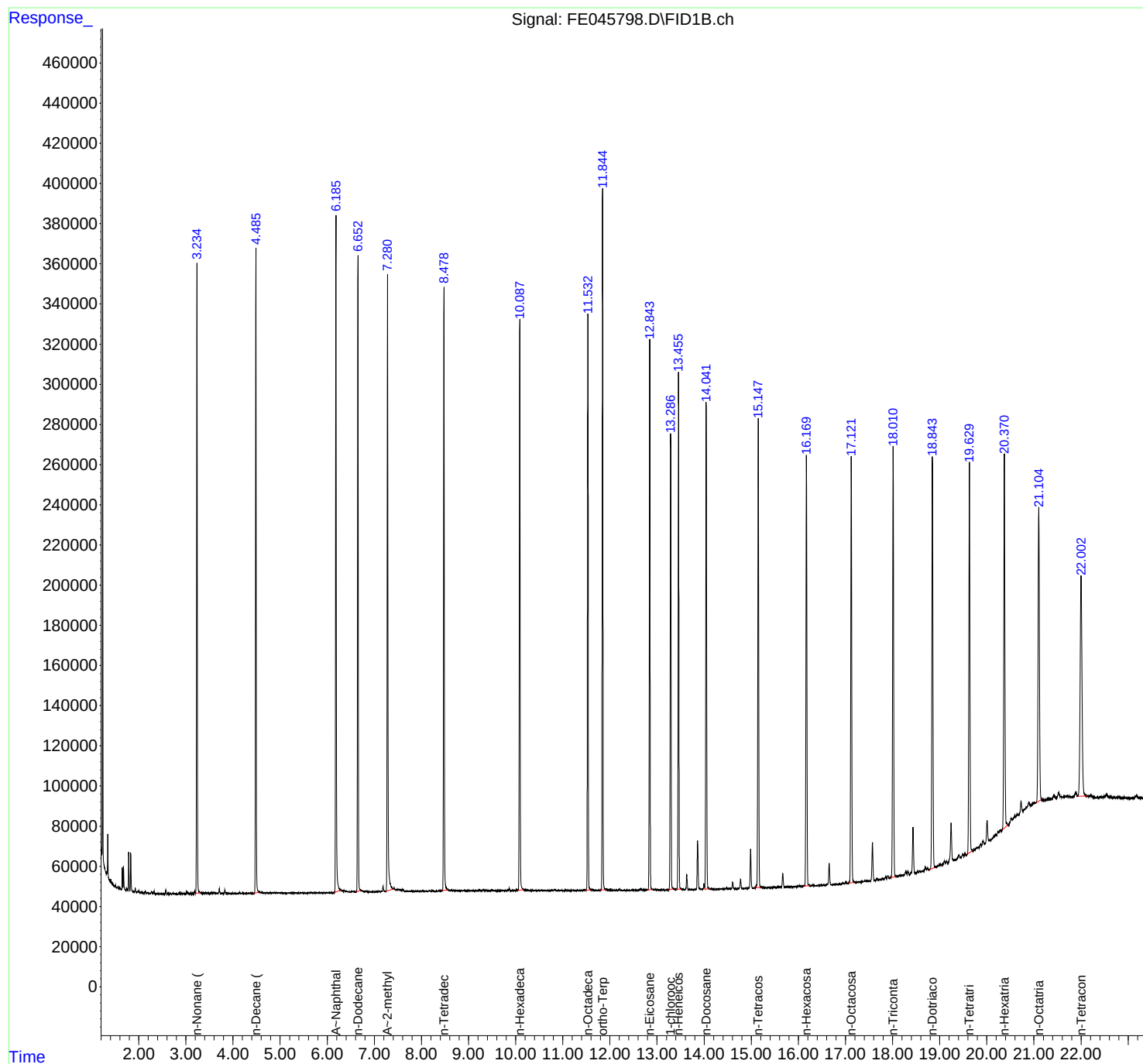
Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

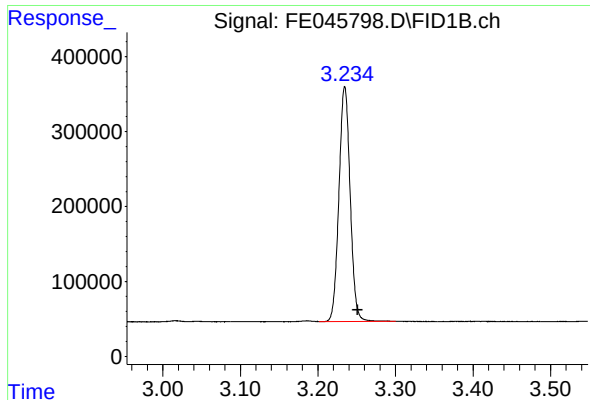
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/14/2023
Supervised By :Ankita Jodhani 12/14/2023

Integration File: autoint1.e
Quant Time: Dec 13 21:15:58 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 113023.
Quant Title : GC Extractables
QLast Update : Thu Nov 30 12:25:07 2023
Response via : Initial Calibration
Integrator: ChemStation

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





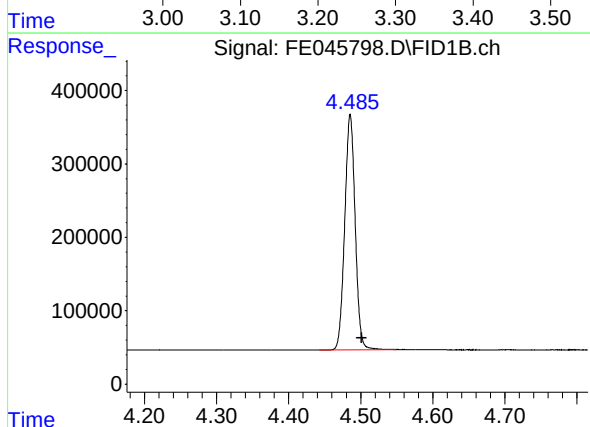
#1 n-Nonane (C9)

R.T.: 3.235 min
Delta R.T.: -0.016 min
Response: 3154549
Conc: 19.89 ug/ml

Instrument : FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

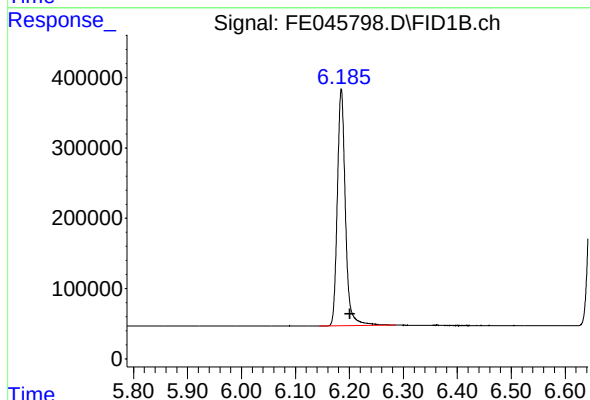
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/14/2023
Supervised By :Ankita Jodhani 12/14/2023



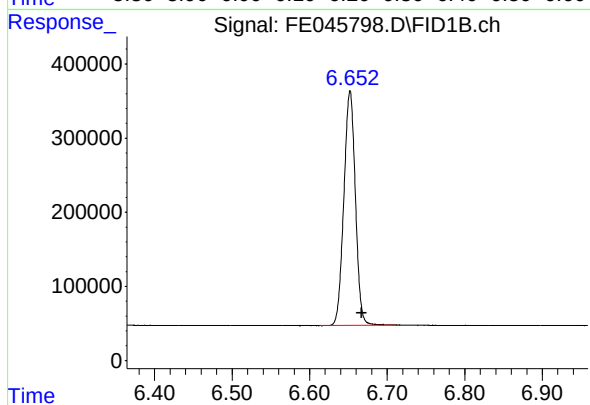
#2 n-Decane (C10)

R.T.: 4.486 min
Delta R.T.: -0.016 min
Response: 3229757
Conc: 20.17 ug/ml



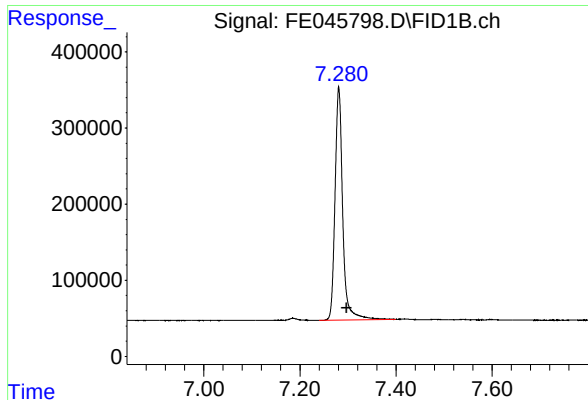
#3 A~Naphthalene (C11.7)

R.T.: 6.185 min
Delta R.T.: -0.016 min
Response: 3495646
Conc: 20.07 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.652 min
Delta R.T.: -0.015 min
Response: 3264602
Conc: 20.21 ug/ml



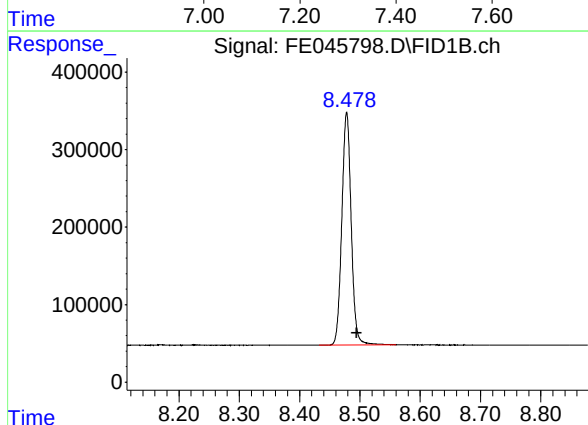
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.281 min
Delta R.T.: -0.016 min
Response: 3406476
Conc: 20.06 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

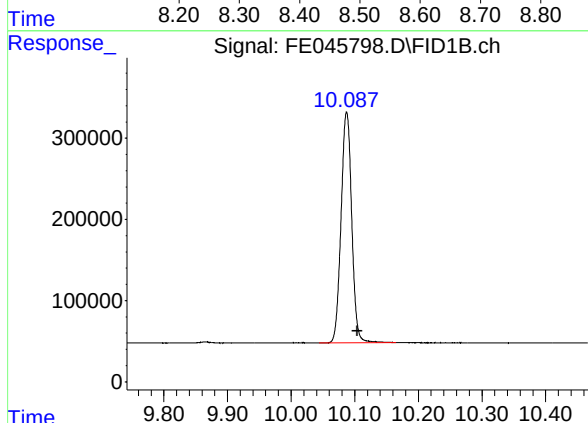
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/14/2023
Supervised By :Ankita Jodhani 12/14/2023



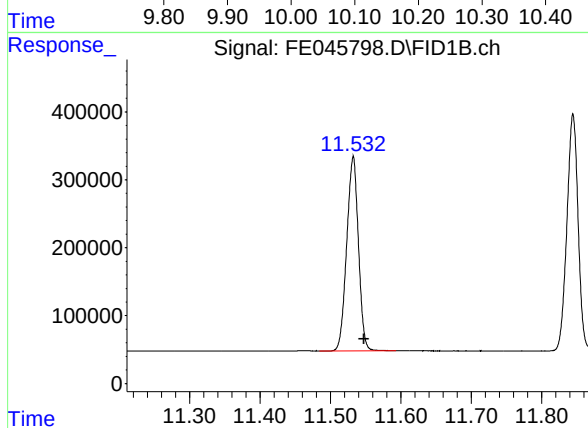
#6 n-Tetradecane (C14)

R.T.: 8.478 min
Delta R.T.: -0.016 min
Response: 3239673
Conc: 20.19 ug/ml



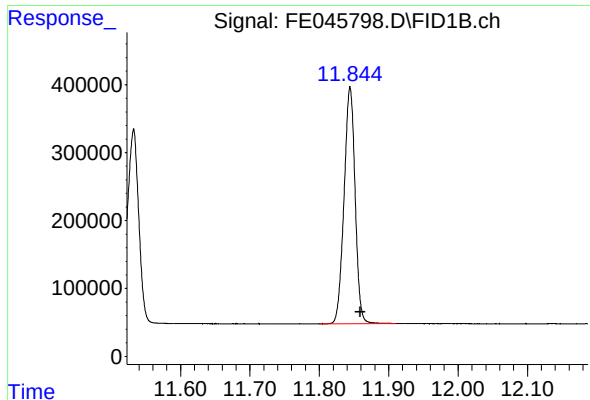
#7 n-Hexadecane (C16)

R.T.: 10.087 min
Delta R.T.: -0.017 min
Response: 3303992
Conc: 19.95 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.532 min
Delta R.T.: -0.015 min
Response: 3314051
Conc: 19.33 ug/ml



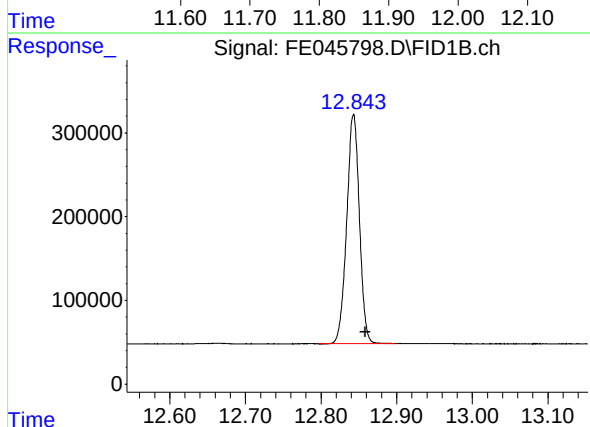
#9 ortho-Terphenyl (SURR)

R.T.: 11.844 min
Delta R.T.: -0.015 min
Response: 3858270
Conc: 18.45 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

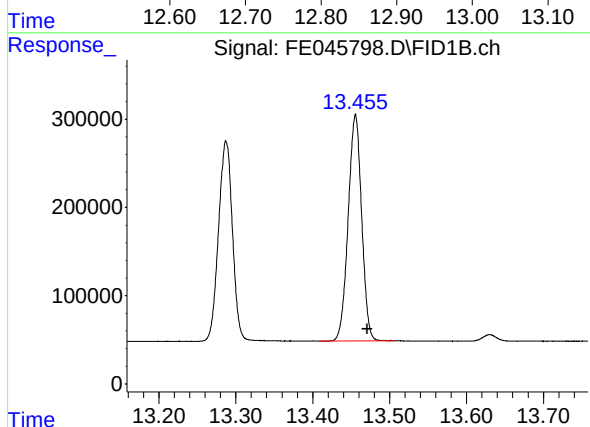
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/14/2023
Supervised By :Ankita Jodhani 12/14/2023



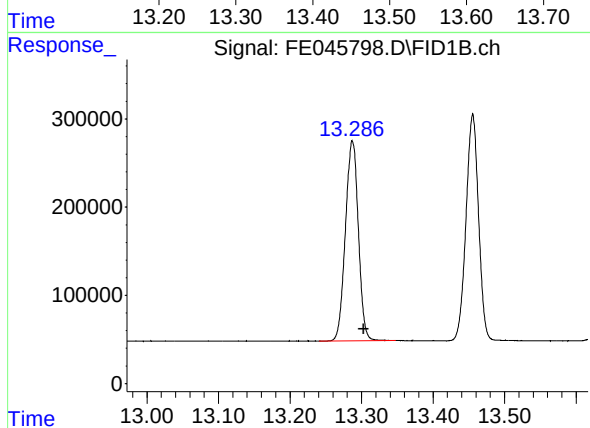
#10 n-Eicosane (C20)

R.T.: 12.843 min
Delta R.T.: -0.015 min
Response: 3198367
Conc: 18.49 ug/ml



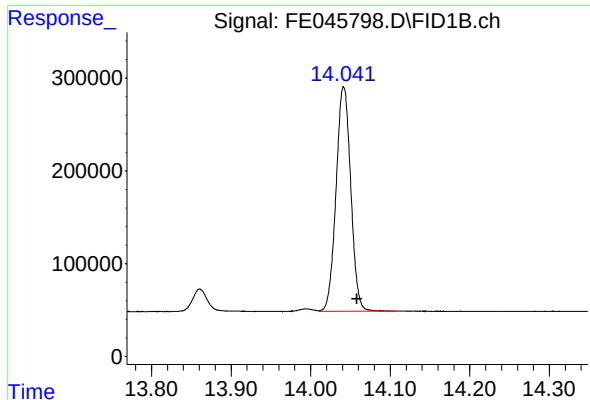
#11 n-Heneicosane (C21)

R.T.: 13.456 min
Delta R.T.: -0.016 min
Response: 3121747
Conc: 18.15 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.287 min
Delta R.T.: -0.016 min
Response: 2854113
Conc: 18.14 ug/ml



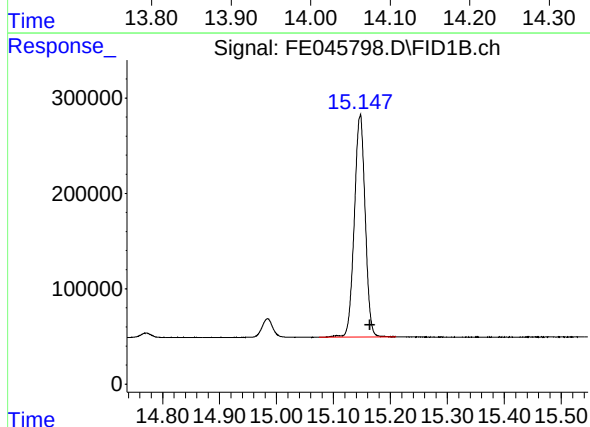
#13 n-Docosane (C22)

R.T.: 14.042 min
Delta R.T.: -0.017 min
Response: 3108516
Conc: 18.03 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

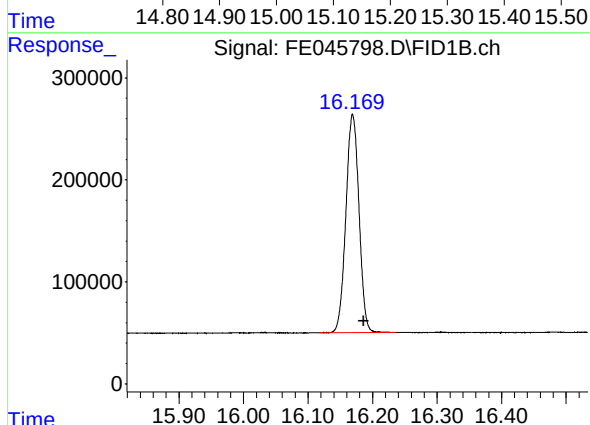
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/14/2023
Supervised By :Ankita Jodhani 12/14/2023



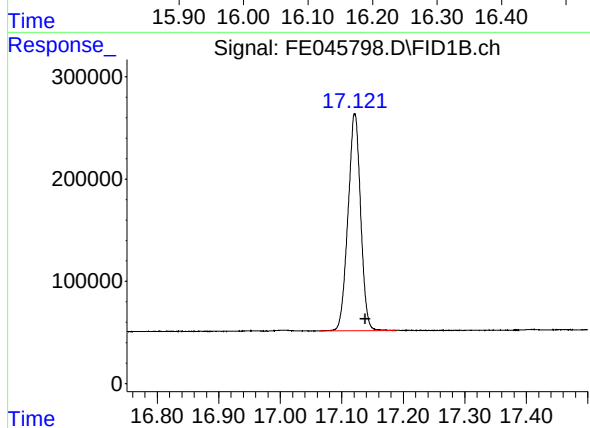
#14 n-Tetracosane (C24)

R.T.: 15.147 min
Delta R.T.: -0.017 min
Response: 3085406
Conc: 17.67 ug/ml



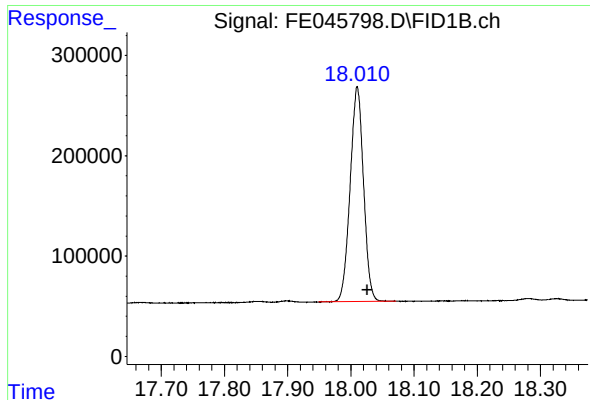
#15 n-Hexacosane (C26)

R.T.: 16.169 min
Delta R.T.: -0.017 min
Response: 3025701
Conc: 17.37 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.121 min
Delta R.T.: -0.017 min
Response: 3030699
Conc: 17.54 ug/ml



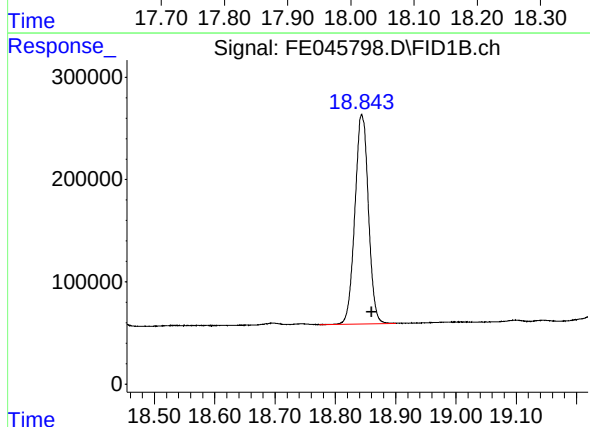
#17 n-Tricontane (C30)

R.T.: 18.010 min
Delta R.T.: -0.016 min
Response: 3149986
Conc: 18.01 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

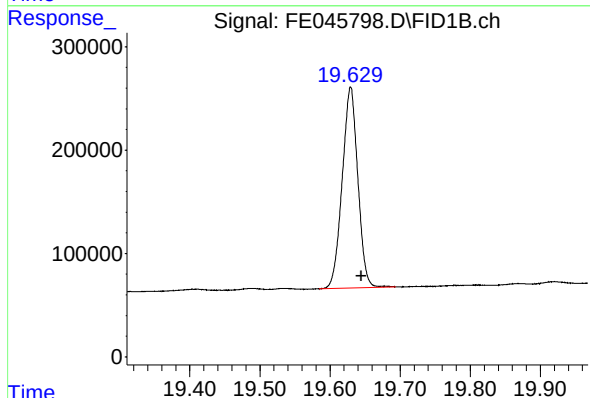
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/14/2023
Supervised By :Ankita Jodhani 12/14/2023



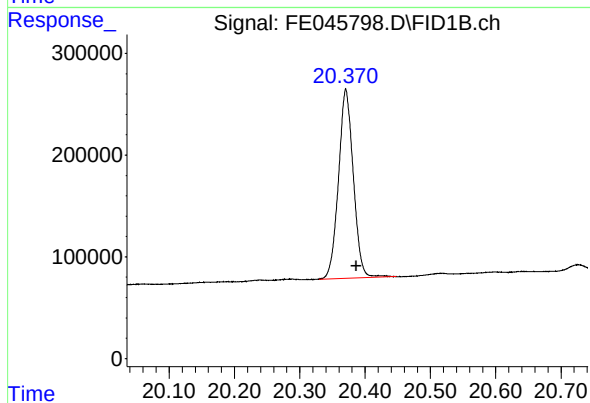
#18 n-Dotriacontane (C32)

R.T.: 18.844 min
Delta R.T.: -0.016 min
Response: 3186577
Conc: 17.47 ug/ml



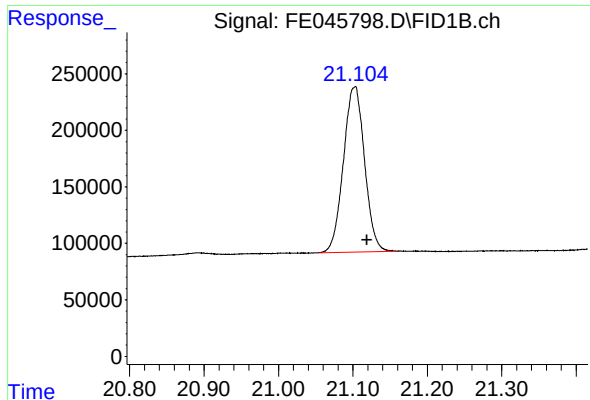
#19 n-Tetratriacontane (C34)

R.T.: 19.629 min
Delta R.T.: -0.016 min
Response: 3003825
Conc: 18.10 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.370 min
Delta R.T.: -0.016 min
Response: 2927399
Conc: 18.44 ug/ml m



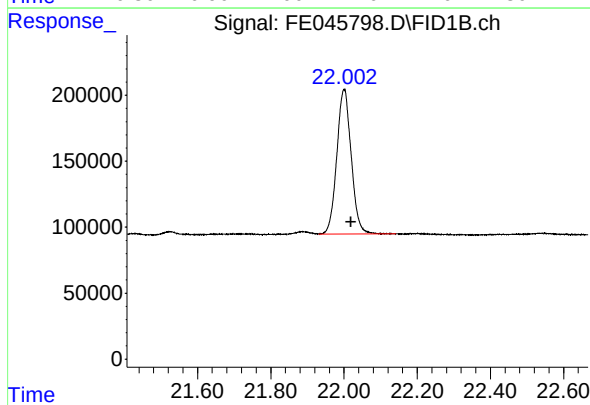
#21 n-Octatriacontane (C38)

R.T.: 21.104 min
Delta R.T.: -0.015 min
Response: 2888122
Conc: 18.42 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/14/2023
Supervised By :Ankita Jodhani 12/14/2023



#22 n-Tetracontane (C40)

R.T.: 22.001 min
Delta R.T.: -0.019 min
Response: 2996501
Conc: 21.09 ug/ml