

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061423AL\
 Data File : FE042611.D
 Signal(s) : FID1B.ch
 Acq On : 14 Jun 2023 14:53
 Operator : YP\AJ
 Sample : PB153419BSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB153419BSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 06/15/2023

Supervised By :Ankita Jodhani 06/15/2023

Integration File: autoint1.e

Quant Time: Jun 15 01:26:03 2023

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051823.M

Quant Title : GC Extractables

QLast Update : Thu May 18 06:27:12 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)	11.942	7753535	43.910 ug/ml
Spiked Amount 50.000		Recovery =	87.82%
12) S 1-chlorooctadecane (S...	13.378	5918735	44.542 ug/ml
Spiked Amount 50.000		Recovery =	89.08%
Target Compounds			
1) T n-Nonane (C9)	3.331	6188923	42.920 ug/ml
2) T n-Decane (C10)	4.578	6571094	44.388 ug/mlm
3) T A~Naphthalene (C11.7)	6.281	7253219	44.455 ug/ml
4) T n-Dodecane (C12)	6.741	7030978	46.887 ug/ml
5) T A~2-methylnaphthalene...	7.378	7123785	44.888 ug/ml
6) T n-Tetradecane (C14)	8.572	7370149	49.198 ug/ml
7) T n-Hexadecane (C16)	10.179	7694134	49.394 ug/ml
8) T n-Octadecane (C18)	11.623	7664038	48.465 ug/ml
10) T n-Eicosane (C20)	12.933	7550212	49.809 ug/ml
11) T n-Heneicosane (C21)	13.544	7178281	48.452 ug/ml
13) T n-Docosane (C22)	14.131	7035267	47.990 ug/ml
14) T n-Tetracosane (C24)	15.227	13192924	91.391 ug/ml
15) T n-Hexacosane (C26)	16.257	6586157	47.554 ug/ml
16) T n-Octacosane (C28)	17.207	6423445	47.978 ug/ml
17) T n-Tricontane (C30)	18.097	6415432	47.525 ug/ml
18) T n-Dotriacontane (C32)	18.928	6315603	47.276 ug/ml
19) T n-Tetratriacontane (C34)	19.711	6476028	49.243 ug/ml
20) T n-Hexatriacontane (C36)	20.452	6312975	48.571 ug/ml
21) T n-Octatriacontane (C38)	21.198	6616341	48.767 ug/mlm
22) T n-Tetracontane (C40)	22.126	6902528	49.616 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061423AL\
Data File : FE042611.D
Signal(s) : FID1B.ch
Acq On : 14 Jun 2023 14:53
Operator : YP\AJ
Sample : PB153419BSD
Misc :
ALS Vial : 20 Sample Multiplier: 1

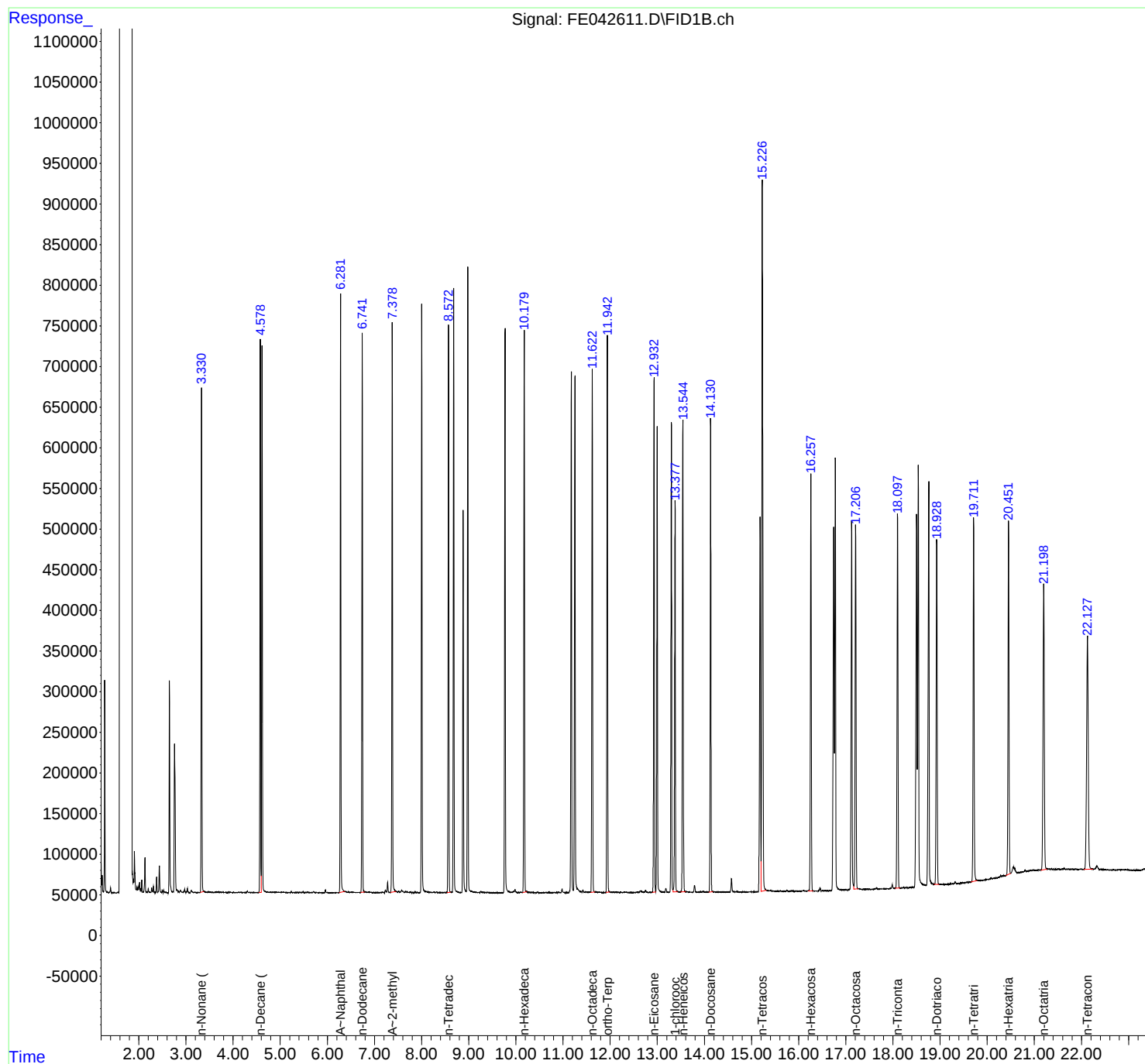
Instrument :
FID_E
ClientSampleId :
PB153419BSD

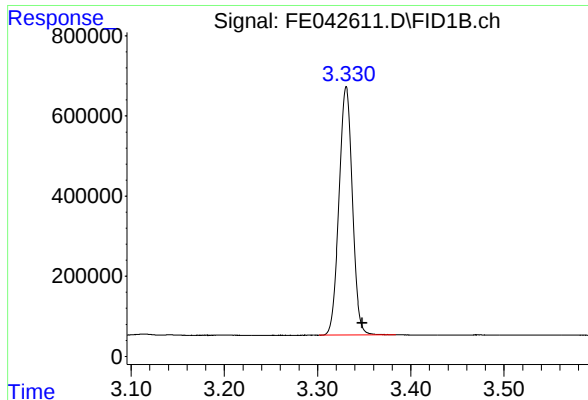
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/15/2023
Supervised By :Ankita Jodhani 06/15/2023

Integration File: autoint1.e
Quant Time: Jun 15 01:26:03 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051823.
Quant Title : GC Extractables
QLast Update : Thu May 18 06:27:12 2023
Response via : Initial Calibration
Integrator: ChemStation

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





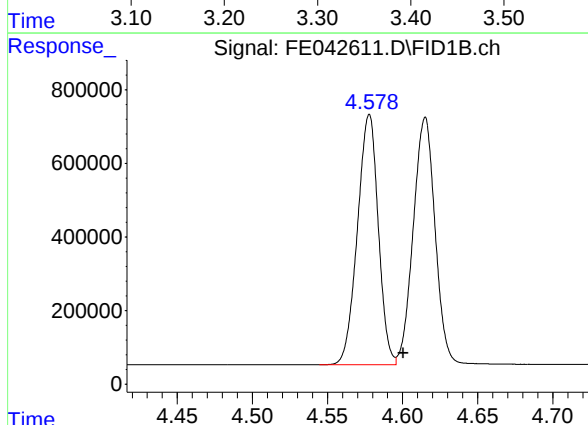
#1 n-Nonane (C9)

R.T.: 3.331 min
Delta R.T.: -0.017 min
Response: 6188923
Conc: 42.92 ug/ml

Instrument :
FID_E
ClientSampleId :
PB153419BSD

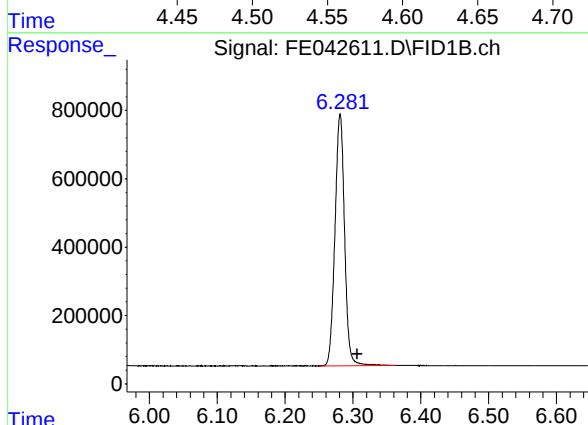
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/15/2023
Supervised By :Ankita Jodhani 06/15/2023



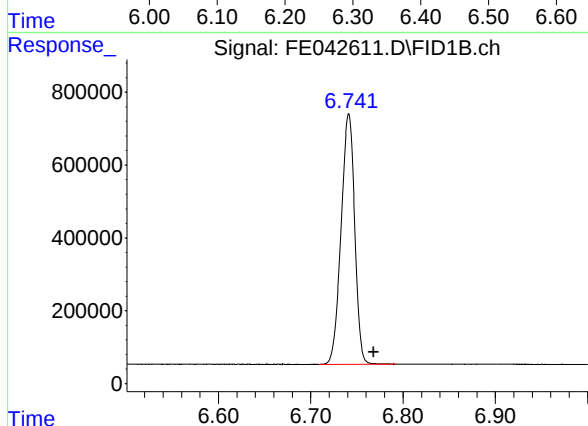
#2 n-Decane (C10)

R.T.: 4.578 min
Delta R.T.: -0.023 min
Response: 6571094
Conc: 44.39 ug/ml



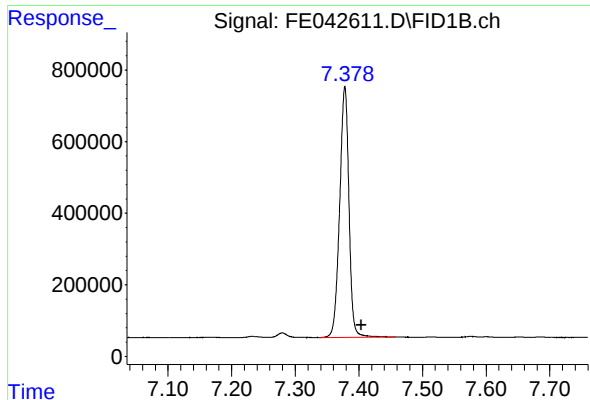
#3 A~Naphthalene (C11.7)

R.T.: 6.281 min
Delta R.T.: -0.026 min
Response: 7253219
Conc: 44.45 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.741 min
Delta R.T.: -0.027 min
Response: 7030978
Conc: 46.89 ug/ml



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

R.T.: 7.378 min
Delta R.T.: -0.026 min
Response: 7123785
Conc: 44.89 ug/ml

Instrument :

FID_E

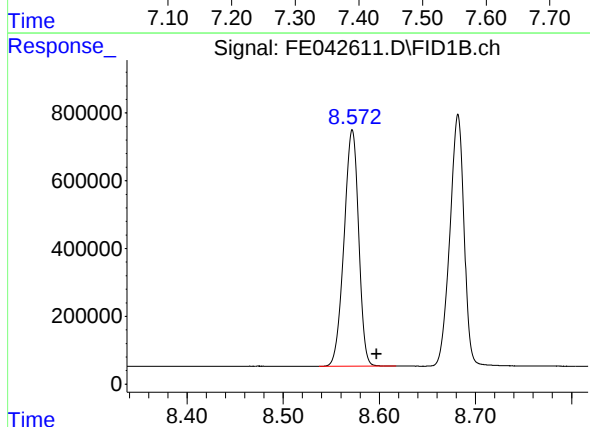
ClientSampleId :

PB153419BSD

Manual Integrations

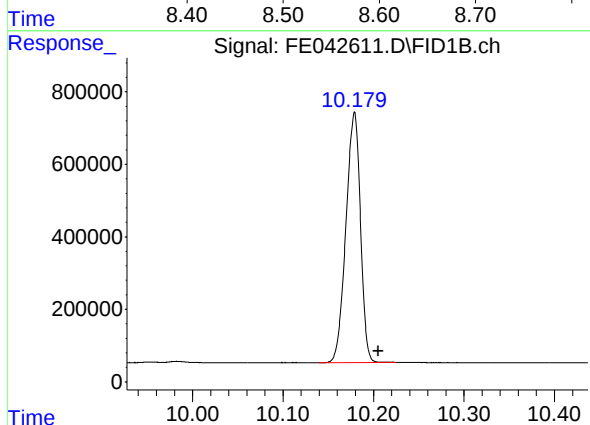
APPROVED

Reviewed By :Yogesh Patel 06/15/2023
Supervised By :Ankita Jodhani 06/15/2023



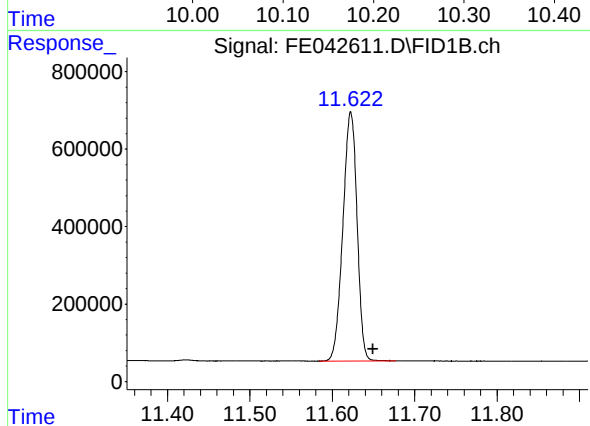
#6 n-Tetradecane (C14)

R.T.: 8.572 min
Delta R.T.: -0.025 min
Response: 7370149
Conc: 49.20 ug/ml



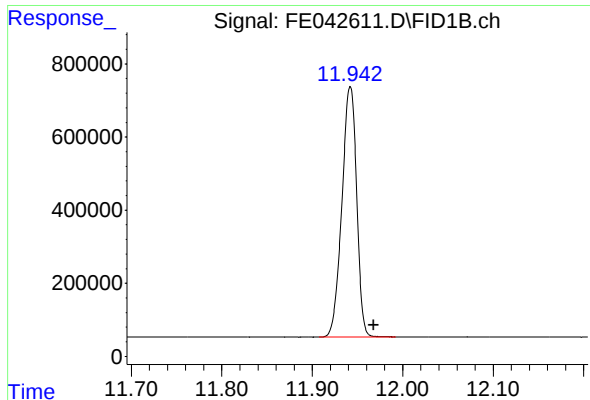
#7 n-Hexadecane (C16)

R.T.: 10.179 min
Delta R.T.: -0.026 min
Response: 7694134
Conc: 49.39 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.623 min
Delta R.T.: -0.027 min
Response: 7664038
Conc: 48.47 ug/ml



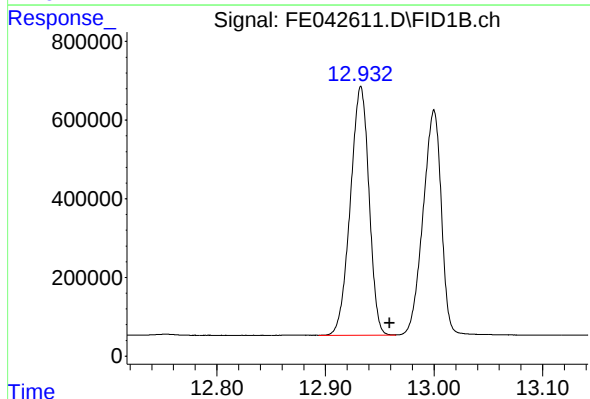
#9 ortho-Terphenyl (SURR)

R.T.: 11.942 min
Delta R.T.: -0.026 min
Response: 7753535
Conc: 43.91 ug/ml

Instrument :
FID_E
ClientSampleId :
PB153419BSD

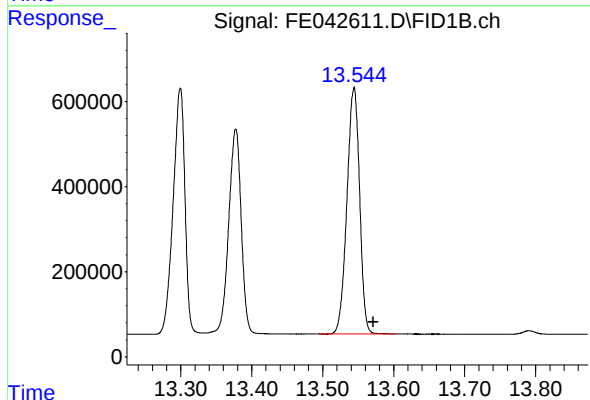
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/15/2023
Supervised By :Ankita Jodhani 06/15/2023



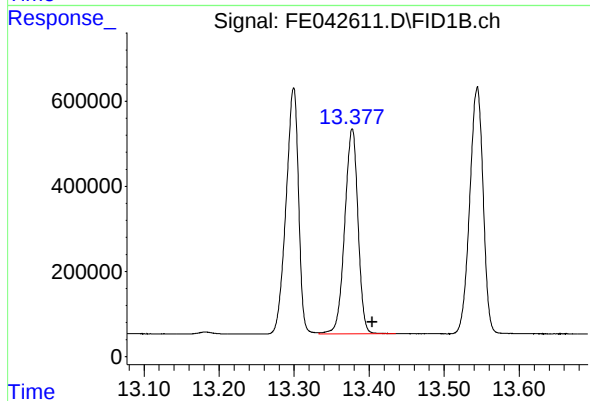
#10 n-Eicosane (C20)

R.T.: 12.933 min
Delta R.T.: -0.027 min
Response: 7550212
Conc: 49.81 ug/ml



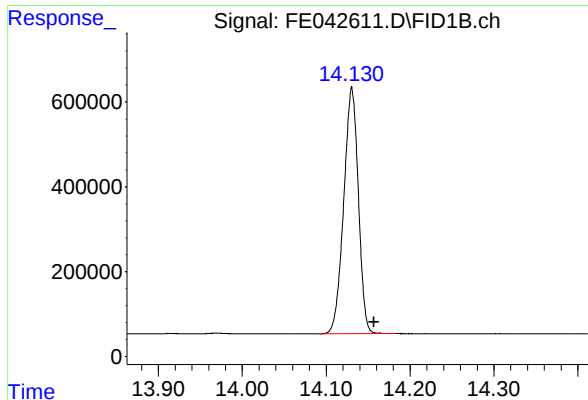
#11 n-Heneicosane (C21)

R.T.: 13.544 min
Delta R.T.: -0.027 min
Response: 7178281
Conc: 48.45 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.378 min
Delta R.T.: -0.027 min
Response: 5918735
Conc: 44.54 ug/ml



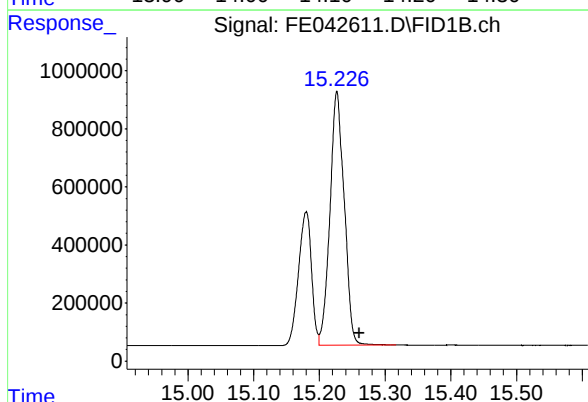
#13 n-Docosane (C22)

R.T.: 14.131 min
Delta R.T.: -0.026 min
Response: 7035267
Conc: 47.99 ug/ml

Instrument :
FID_E
ClientSampleId :
PB153419BSD

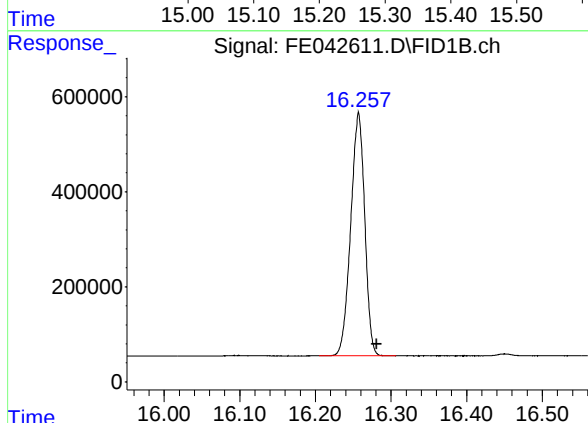
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/15/2023
Supervised By :Ankita Jodhani 06/15/2023



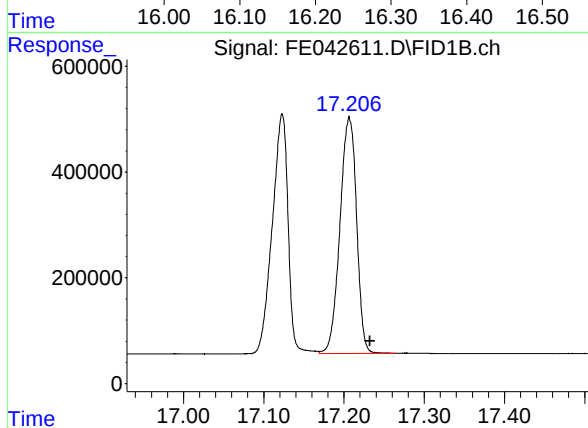
#14 n-Tetracosane (C24)

R.T.: 15.227 min
Delta R.T.: -0.034 min
Response: 13192924
Conc: 91.39 ug/ml



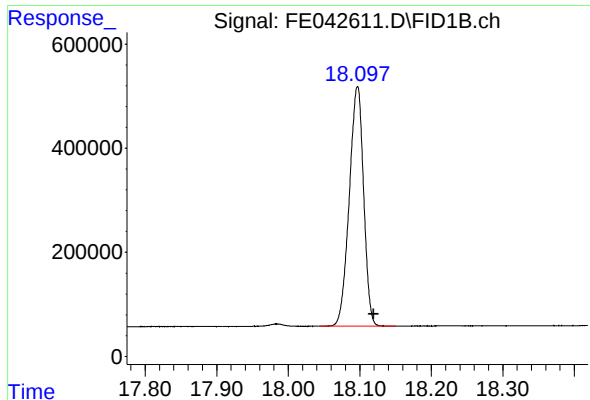
#15 n-Hexacosane (C26)

R.T.: 16.257 min
Delta R.T.: -0.024 min
Response: 6586157
Conc: 47.55 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.207 min
Delta R.T.: -0.026 min
Response: 6423445
Conc: 47.98 ug/ml



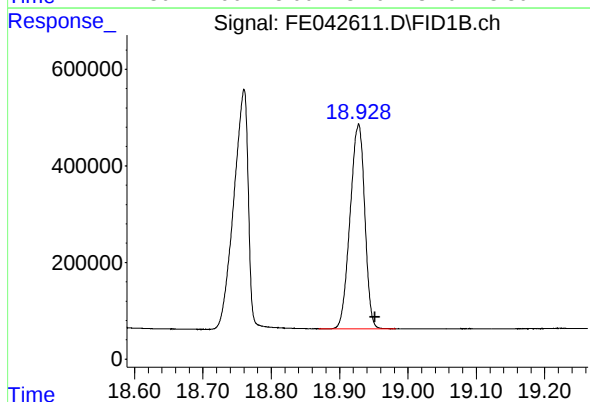
#17 n-Tricontane (C30)

R.T.: 18.097 min
Delta R.T.: -0.023 min
Response: 6415432
Conc: 47.52 ug/ml

Instrument :
FID_E
ClientSampleId :
PB153419BSD

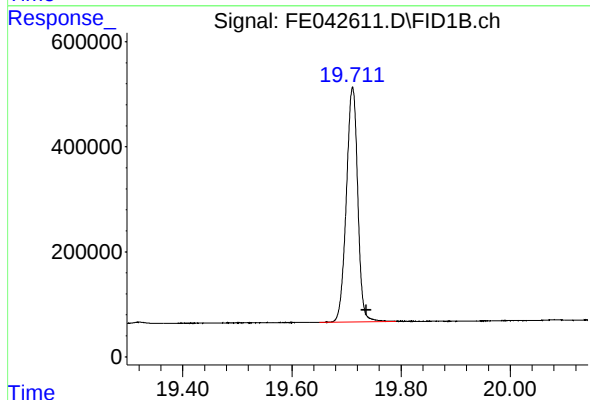
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/15/2023
Supervised By :Ankita Jodhani 06/15/2023



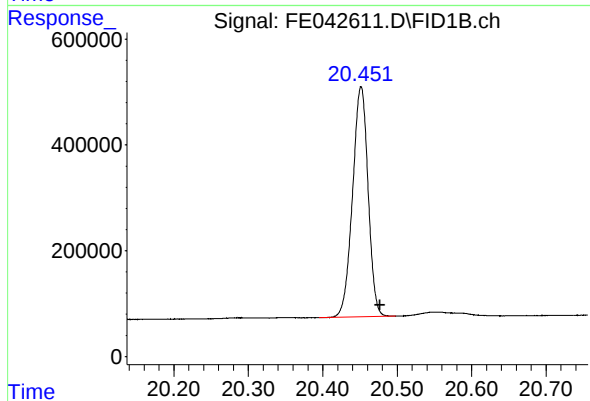
#18 n-Dotriacontane (C32)

R.T.: 18.928 min
Delta R.T.: -0.024 min
Response: 6315603
Conc: 47.28 ug/ml



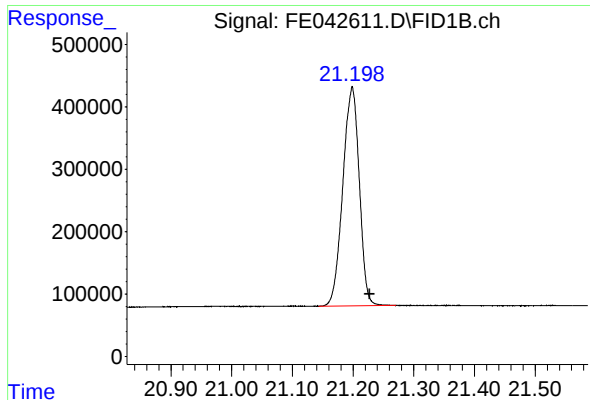
#19 n-Tetratriacontane (C34)

R.T.: 19.711 min
Delta R.T.: -0.025 min
Response: 6476028
Conc: 49.24 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.452 min
Delta R.T.: -0.025 min
Response: 6312975
Conc: 48.57 ug/ml



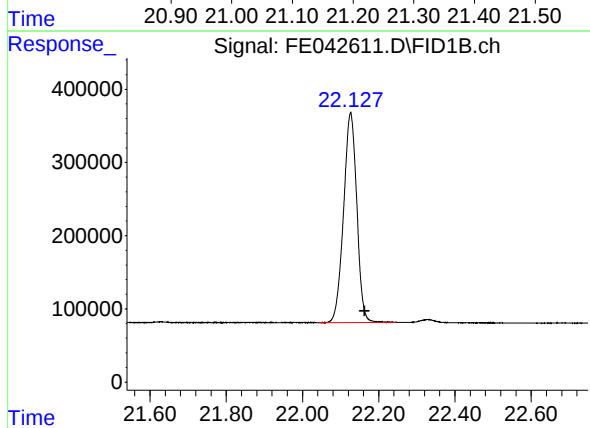
#21 n-Octatriacontane (C38)

R.T.: 21.198 min
Delta R.T.: -0.029 min
Response: 6616341
Conc: 48.77 ug/ml

Instrument :
FID_E
ClientSampleId :
PB153419BSD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/15/2023
Supervised By :Ankita Jodhani 06/15/2023



#22 n-Tetracontane (C40)

R.T.: 22.126 min
Delta R.T.: -0.037 min
Response: 6902528
Conc: 49.62 ug/ml