

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE041023AL\
 Data File : FE041279.D
 Signal(s) : FID1B.ch
 Acq On : 10 Apr 2023 18:16
 Operator : YP\AJ
 Sample : PB151996BSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB151996BSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 04/11/2023

Supervised By :Ankita Jodhani 04/11/2023

Integration File: autoint1.e

Quant Time: Apr 11 04:03:52 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)	11.839	7137304	37.976 ug/ml
Spiked Amount 50.000		Recovery =	75.95%
12) S 1-chlorooctadecane (S...	13.278	5891482	40.947 ug/ml
Spiked Amount 50.000		Recovery =	81.89%
Target Compounds			
1) T n-Nonane (C9)	3.247	5498857	31.691 ug/ml
2) T n-Decane (C10)	4.490	5749579	33.778 ug/mlm
3) T A~Naphthalene (C11.7)	6.187	6477673	35.415 ug/ml
4) T n-Dodecane (C12)	6.650	6379906	36.780 ug/ml
5) T A~2-methylnaphthalene...	7.282	6466401	39.045 ug/ml
6) T n-Tetradecane (C14)	8.478	6963739	39.938 ug/ml
7) T n-Hexadecane (C16)	10.083	7480990	42.063 ug/ml
8) T n-Octadecane (C18)	11.525	7478871	41.886 ug/ml
10) T n-Eicosane (C20)	12.834	7418351	43.491 ug/ml
11) T n-Heneicosane (C21)	13.445	7058305	41.720 ug/ml
13) T n-Docosane (C22)	14.032	6941855	41.948 ug/ml
14) T n-Tetracosane (C24)	15.130	13258897	81.953 ug/ml
15) T n-Hexacosane (C26)	16.158	6563578	42.341 ug/ml
16) T n-Octacosane (C28)	17.106	6785578	44.298 ug/ml
17) T n-Tricontane (C30)	17.998	6438178	42.119 ug/ml
18) T n-Dotriacontane (C32)	18.829	6398874	40.985 ug/mlm
19) T n-Tetratriacontane (C34)	19.615	6452618	41.638 ug/mlm
20) T n-Hexatriacontane (C36)	20.355	6435349	42.366 ug/ml
21) T n-Octatriacontane (C38)	21.081	6596877	42.229 ug/mlm
22) T n-Tetracontane (C40)	21.959	6725141	42.136 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE041023AL\
Data File : FE041279.D
Signal(s) : FID1B.ch
Acq On : 10 Apr 2023 18:16
Operator : YP\AJ
Sample : PB151996BSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

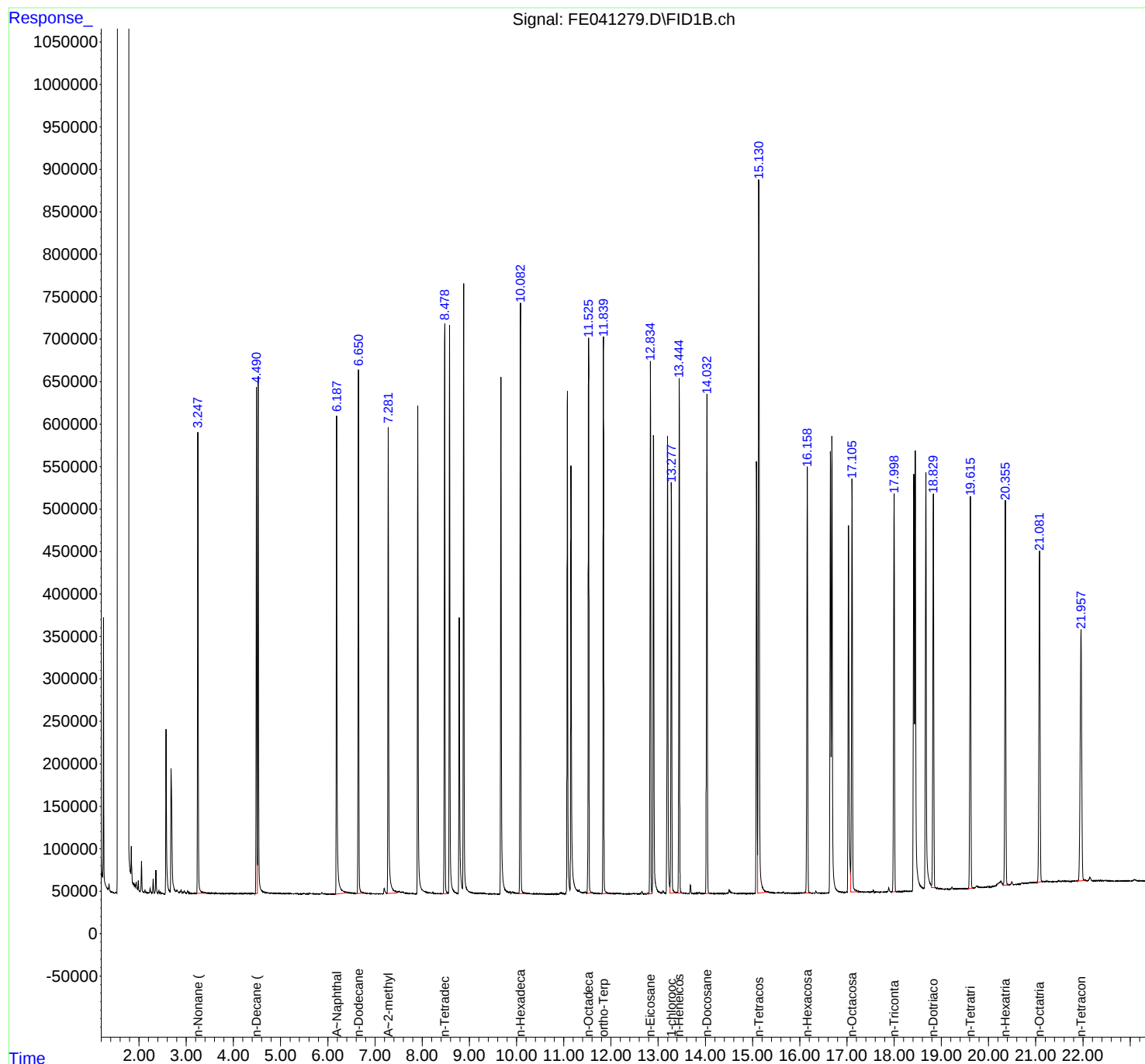
Instrument :
FID_E
ClientSampleId :
PB151996BSD

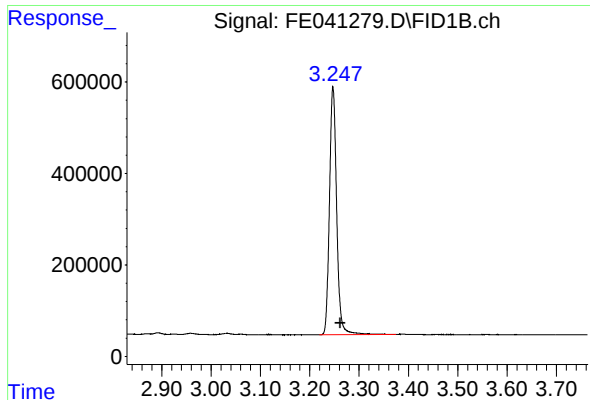
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/11/2023
Supervised By :Ankita Jodhani 04/11/2023

Integration File: autoint1.e
Quant Time: Apr 11 04:03:52 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.: 3.247 min
Delta R.T.: -0.015 min
Response: 5498857
Conc: 31.69 ug/ml

Instrument :

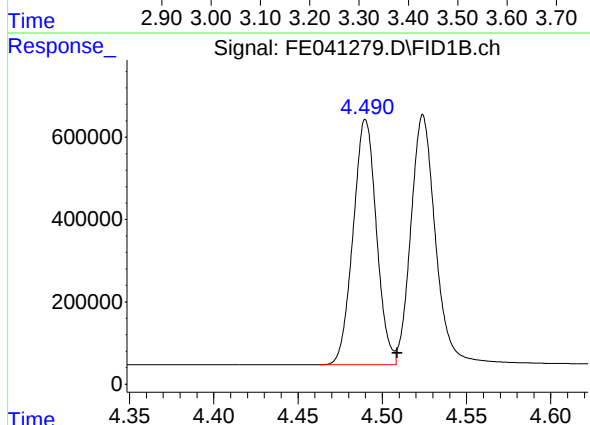
FID_E

ClientSampleId :

PB151996BSD

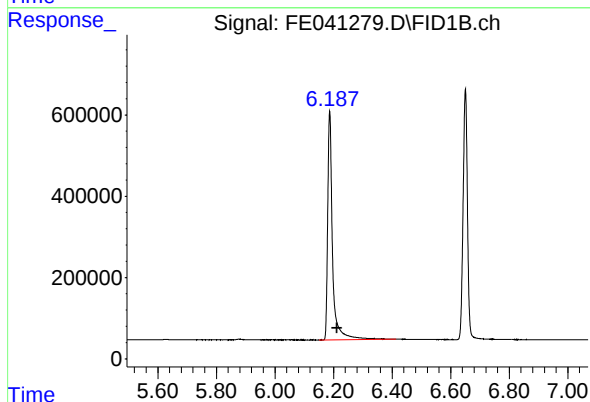
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/11/2023
Supervised By :Ankita Jodhani 04/11/2023



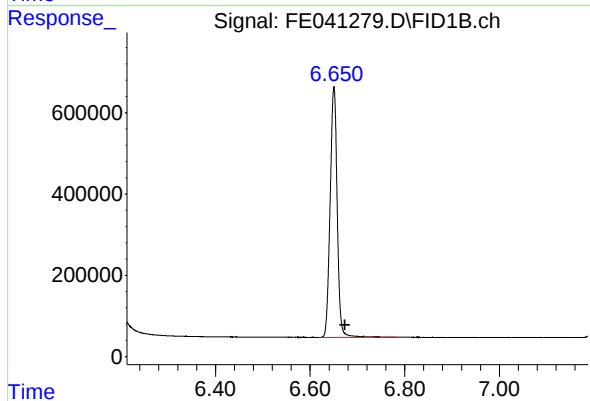
#2 n-Decane (C10)

R.T.: 4.490 min
Delta R.T.: -0.019 min
Response: 5749579
Conc: 33.78 ug/ml



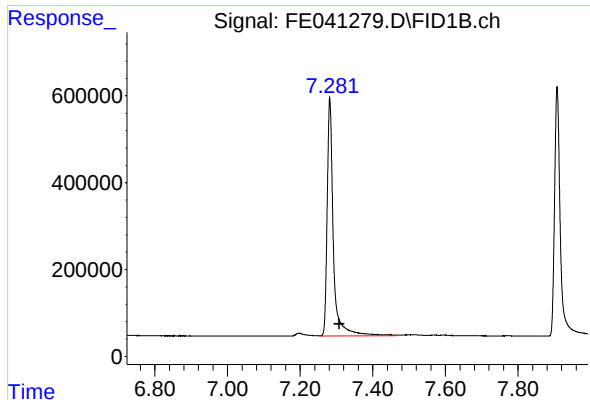
#3 A~Naphthalene (C11.7)

R.T.: 6.187 min
Delta R.T.: -0.025 min
Response: 6477673
Conc: 35.41 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.650 min
Delta R.T.: -0.023 min
Response: 6379906
Conc: 36.78 ug/ml



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

R.T.: 7.282 min
Delta R.T.: -0.026 min
Response: 6466401
Conc: 39.05 ug/ml

Instrument :

FID_E

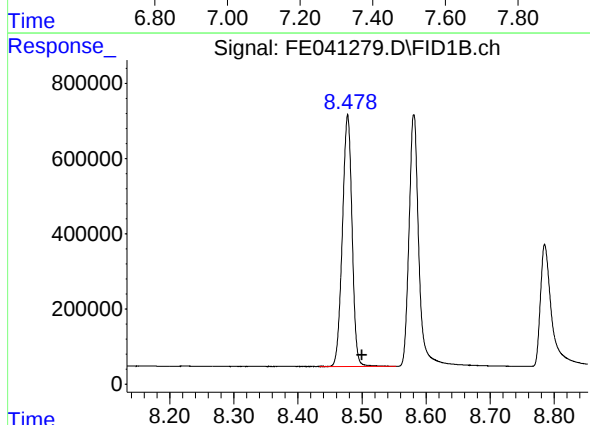
ClientSampleId :

PB151996BSD

Manual Integrations

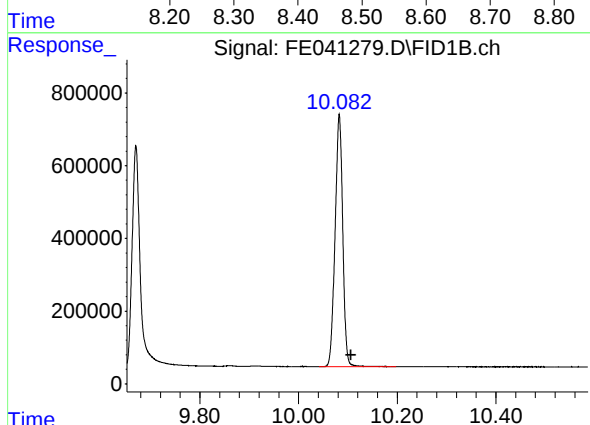
APPROVED

Reviewed By :Yogesh Patel 04/11/2023
Supervised By :Ankita Jodhani 04/11/2023



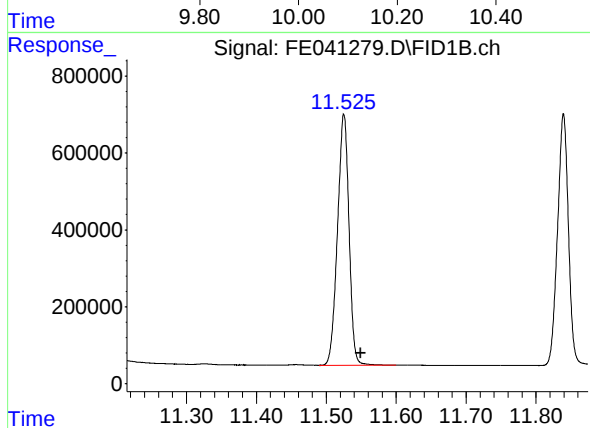
#6 n-Tetradecane (C14)

R.T.: 8.478 min
Delta R.T.: -0.022 min
Response: 6963739
Conc: 39.94 ug/ml



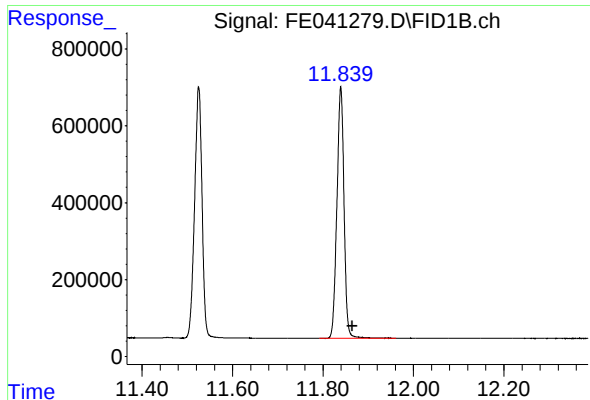
#7 n-Hexadecane (C16)

R.T.: 10.083 min
Delta R.T.: -0.024 min
Response: 7480990
Conc: 42.06 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.525 min
Delta R.T.: -0.024 min
Response: 7478871
Conc: 41.89 ug/ml



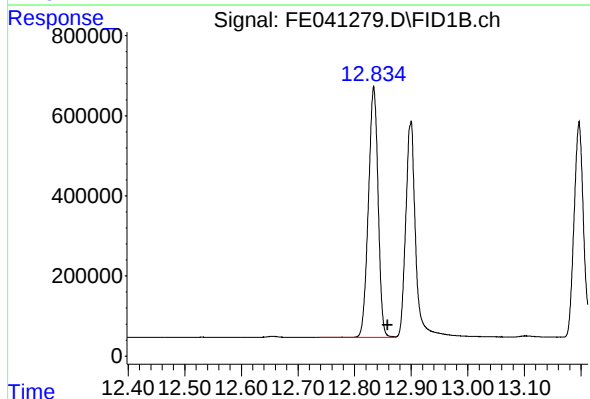
#9 ortho-Terphenyl (SURR)

R.T.: 11.839 min
Delta R.T.: -0.026 min
Response: 7137304
Conc: 37.98 ug/ml

Instrument :
FID_E
ClientSampleId :
PB151996BSD

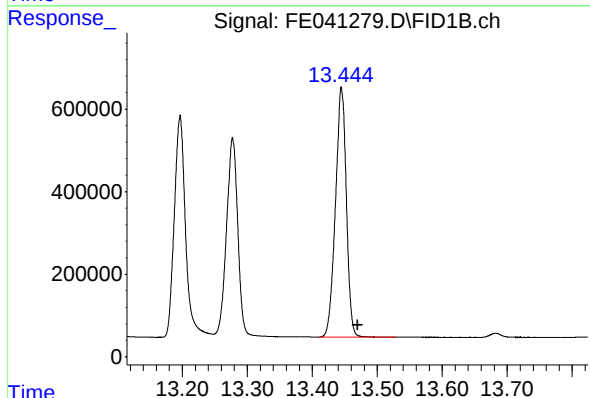
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/11/2023
Supervised By :Ankita Jodhani 04/11/2023



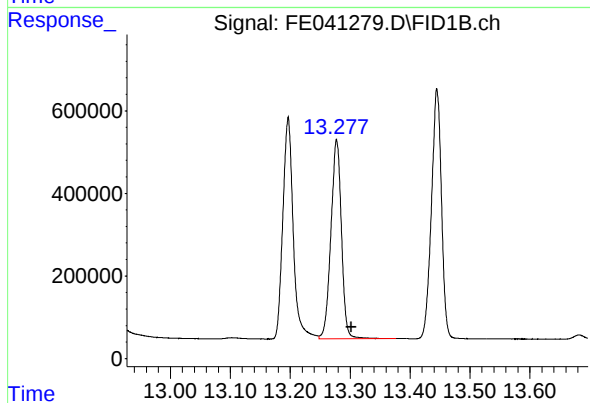
#10 n-Eicosane (C20)

R.T.: 12.834 min
Delta R.T.: -0.025 min
Response: 7418351
Conc: 43.49 ug/ml



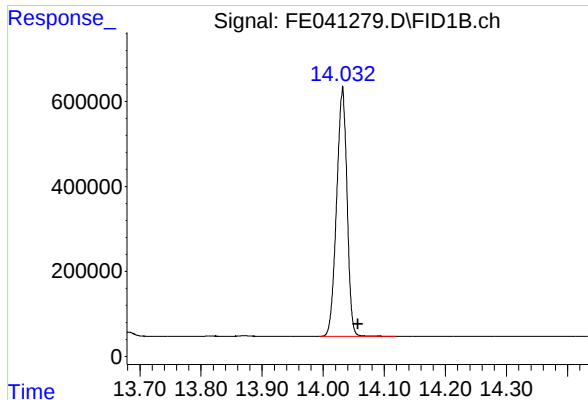
#11 n-Heneicosane (C21)

R.T.: 13.445 min
Delta R.T.: -0.025 min
Response: 7058305
Conc: 41.72 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.278 min
Delta R.T.: -0.024 min
Response: 5891482
Conc: 40.95 ug/ml



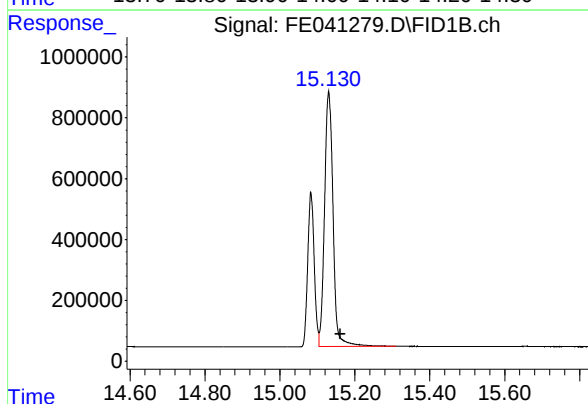
#13 n-Docosane (C22)

R.T.: 14.032 min
Delta R.T.: -0.026 min
Response: 6941855
Conc: 41.95 ug/ml

Instrument :
FID_E
ClientSampleId :
PB151996BSD

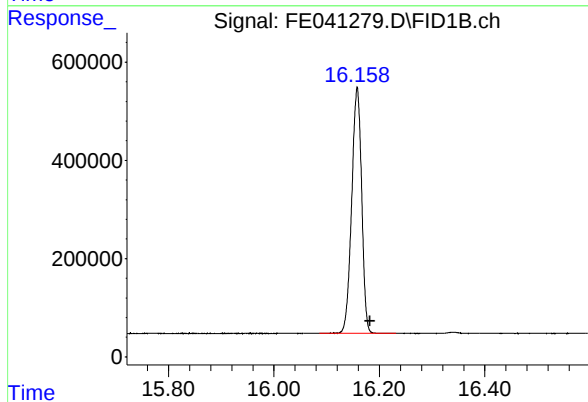
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/11/2023
Supervised By :Ankita Jodhani 04/11/2023



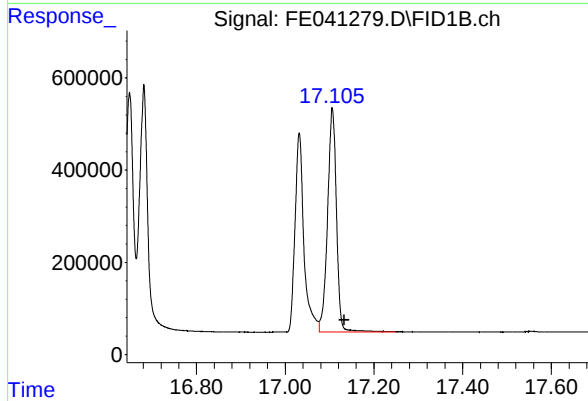
#14 n-Tetracosane (C24)

R.T.: 15.130 min
Delta R.T.: -0.031 min
Response: 13258897
Conc: 81.95 ug/ml



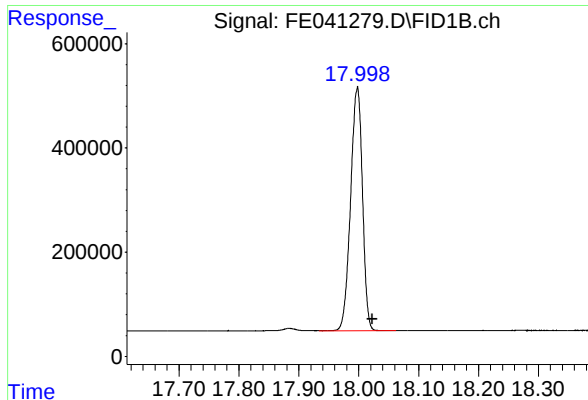
#15 n-Hexacosane (C26)

R.T.: 16.158 min
Delta R.T.: -0.024 min
Response: 6563578
Conc: 42.34 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.106 min
Delta R.T.: -0.027 min
Response: 6785578
Conc: 44.30 ug/ml



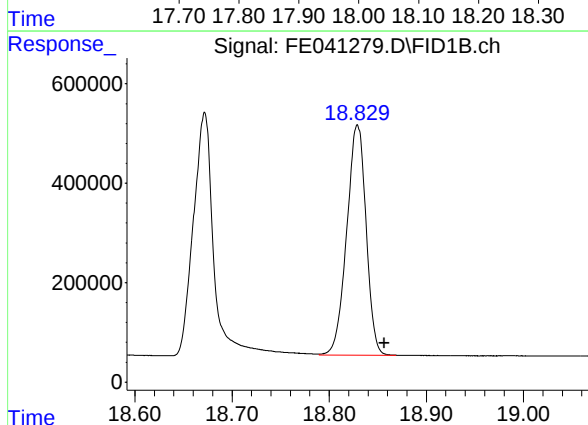
#17 n-Tricontane (C30)

R.T.: 17.998 min
Delta R.T.: -0.024 min
Response: 6438178
Conc: 42.12 ug/ml

Instrument :
FID_E
ClientSampleId :
PB151996BSD

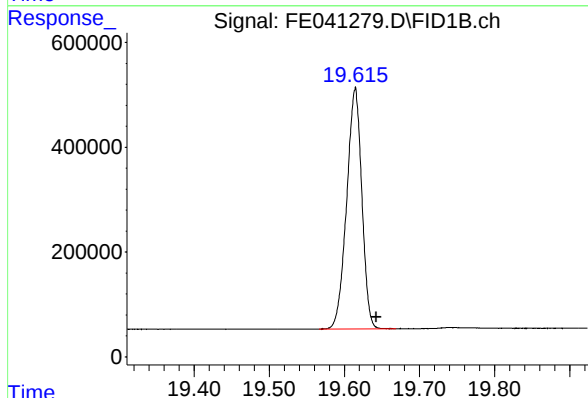
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/11/2023
Supervised By :Ankita Jodhani 04/11/2023



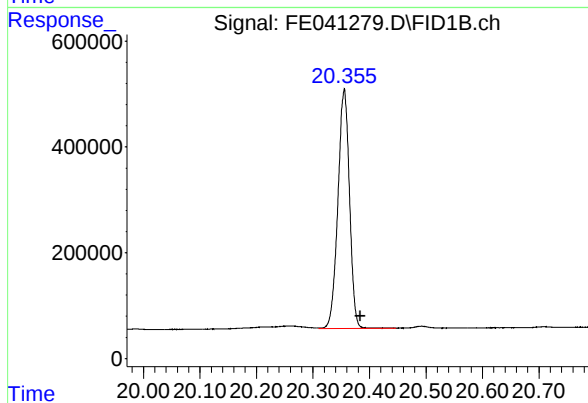
#18 n-Dotriacontane (C32)

R.T.: 18.829 min
Delta R.T.: -0.028 min
Response: 6398874
Conc: 40.98 ug/ml m



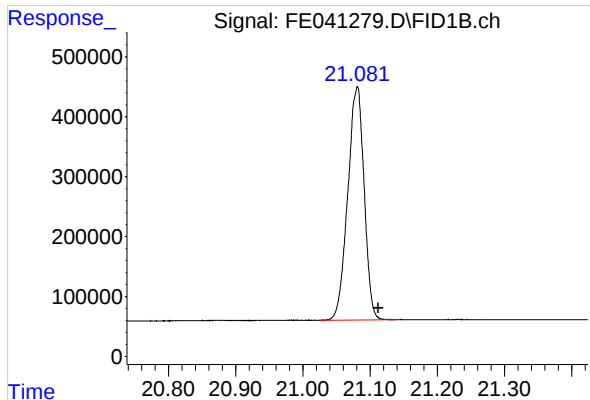
#19 n-Tetratriacontane (C34)

R.T.: 19.615 min
Delta R.T.: -0.028 min
Response: 6452618
Conc: 41.64 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.355 min
Delta R.T.: -0.029 min
Response: 6435349
Conc: 42.37 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.081 min
Delta R.T.: -0.031 min
Response: 6596877
Conc: 42.23 ug/ml

Instrument :

FID_E

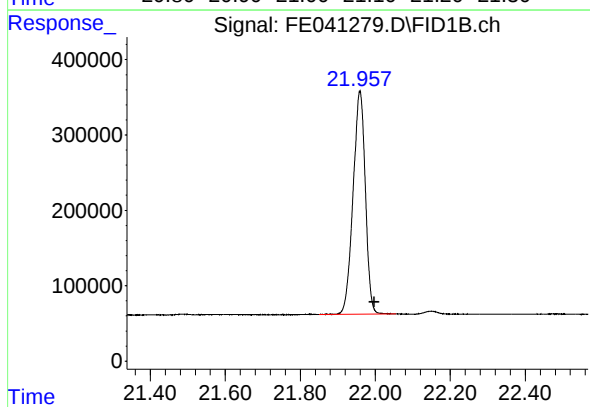
ClientSampleId :

PB151996BSD

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/11/2023
Supervised By :Ankita Jodhani 04/11/2023



#22 n-Tetracontane (C40)

R.T.: 21.959 min
Delta R.T.: -0.039 min
Response: 6725141
Conc: 42.14 ug/ml