

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE013124AL\
 Data File : FE046500.D
 Signal(s) : FID1B.ch
 Acq On : 31 Jan 2024 19:48
 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 :Ankita Jodhani 02/01/2024
 Supervised By :Sohil Jodhani 02/01/2024

Integration File: autoint1.e
 Quant Time: Jan 31 21:37:59 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 012524.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 25 14:56:03 2024
 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)	11.822	3621242	19.584 ug/ml
Spiked Amount 50.000		Recovery =	39.17%
12) S 1-chlorooctadecane (S...	13.264	2734250	19.218 ug/ml
Spiked Amount 50.000		Recovery =	38.44%
Target Compounds			
1) T n-Nonane (C9)	3.208	3374725	20.893 ug/ml
2) T n-Decane (C10)	4.459	3490421	21.298 ug/ml
3) T A~Naphthalene (C11.7)	6.164	3645541	21.319 ug/ml
4) T n-Dodecane (C12)	6.627	3519039	21.274 ug/ml
5) T A~2-methylnaphthalene...	7.260	3471488	21.766 ug/ml
6) T n-Tetradecane (C14)	8.453	3442210	21.002 ug/ml
7) T n-Hexadecane (C16)	10.063	3505331	20.513 ug/ml
8) T n-Octadecane (C18)	11.507	3489635	20.016 ug/ml
10) T n-Eicosane (C20)	12.819	3304033	19.460 ug/ml
11) T n-Heneicosane (C21)	13.431	3205891	19.221 ug/ml
13) T n-Docosane (C22)	14.018	3176774	19.176 ug/ml
14) T n-Tetracosane (C24)	15.122	3124528	18.936 ug/ml
15) T n-Hexacosane (C26)	16.145	3041407	18.844 ug/mlm
16) T n-Octacosane (C28)	17.097	2999746	19.109 ug/ml
17) T n-Tricontane (C30)	17.987	3066319	19.577 ug/ml
18) T n-Dotriacontane (C32)	18.821	2986165	19.755 ug/ml
19) T n-Tetratriacontane (C34)	19.608	2841650	20.035 ug/ml
20) T n-Hexatriacontane (C36)	20.349	2638697	19.143 ug/ml
21) T n-Octatriacontane (C38)	21.078	2698337	21.049 ug/mlm
22) T n-Tetracontane (C40)	21.966	2934072	23.466 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE013124AL\
Data File : FE046500.D
Signal(s) : FID1B.ch
Acq On : 31 Jan 2024 19:48
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

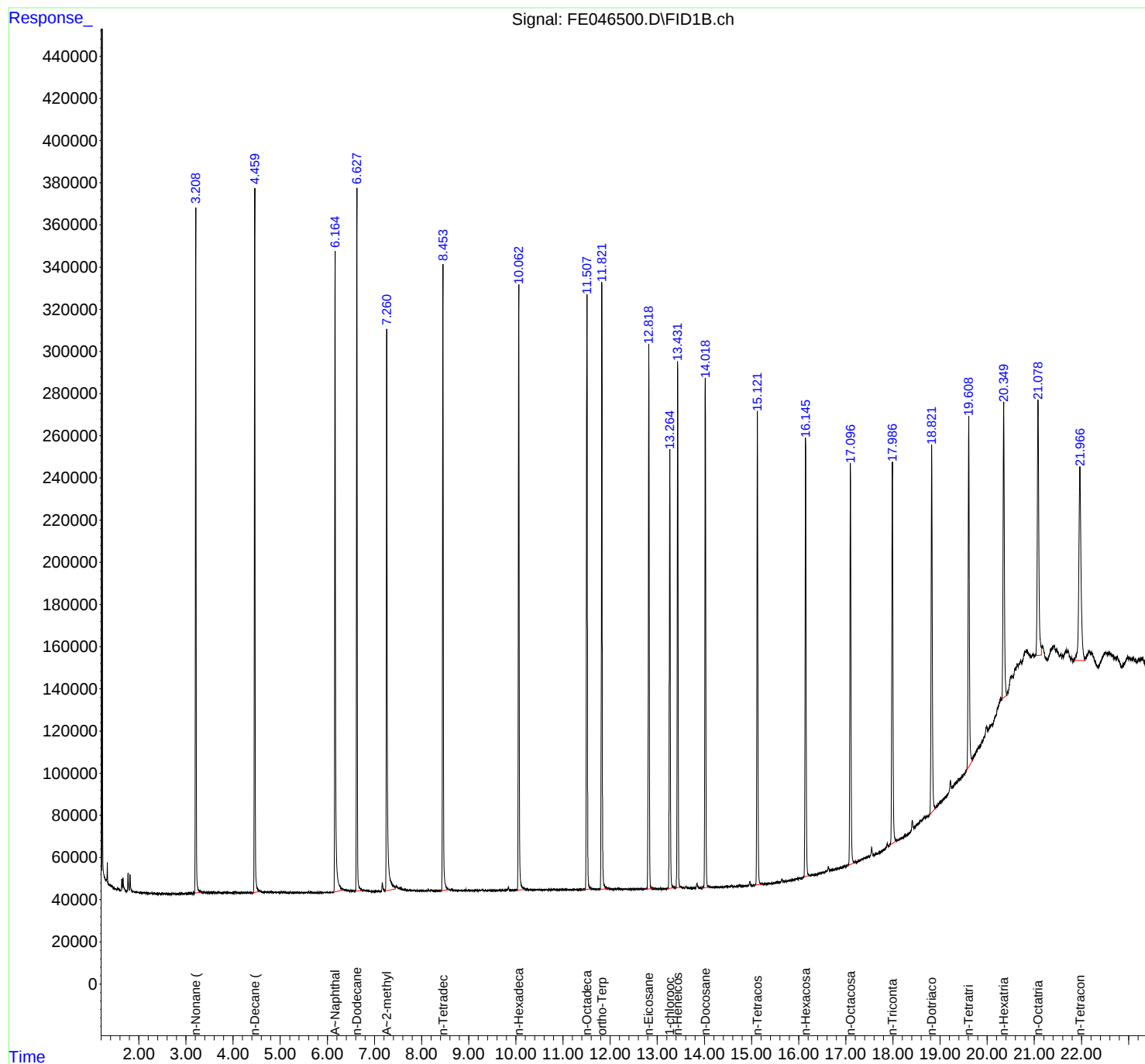
Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

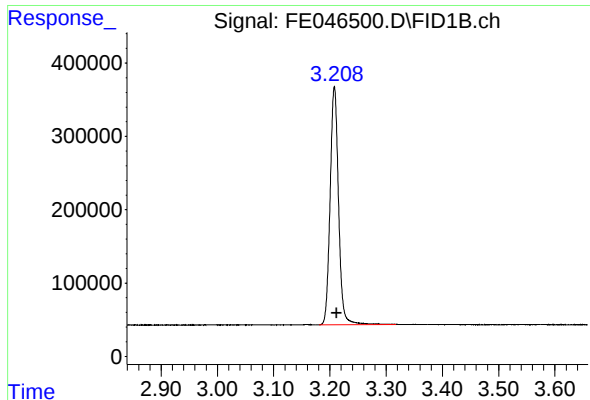
Manual Integrations
APPROVED

Reviewed By :Ankita Jodhani 02/01/2024
Supervised By :Sohil Jodhani 02/01/2024

Integration File: autoint1.e
Quant Time: Jan 31 21:37:59 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 012524.
Quant Title : GC Extractables
QLast Update : Thu Jan 25 14:56:03 2024
Response via : Initial Calibration
Integrator: ChemStation

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





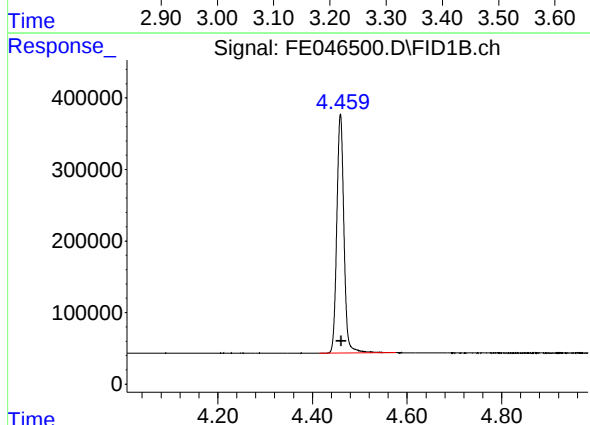
#1 n-Nonane (C9)

R.T.: 3.208 min
Delta R.T.: -0.004 min
Response: 3374725
Conc: 20.89 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

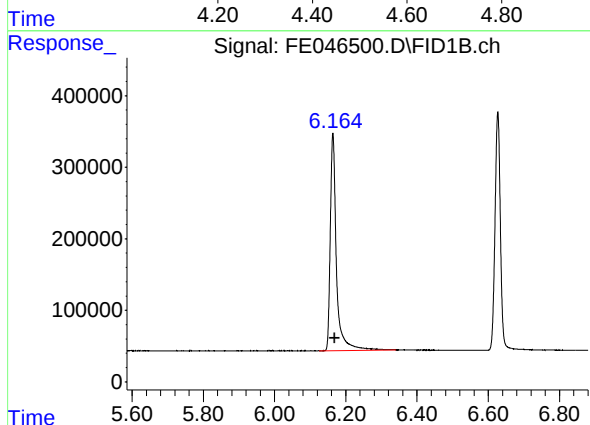
Manual Integrations
APPROVED

Reviewed By :Ankita Jodhani 02/01/2024
Supervised By :Sohil Jodhani 02/01/2024



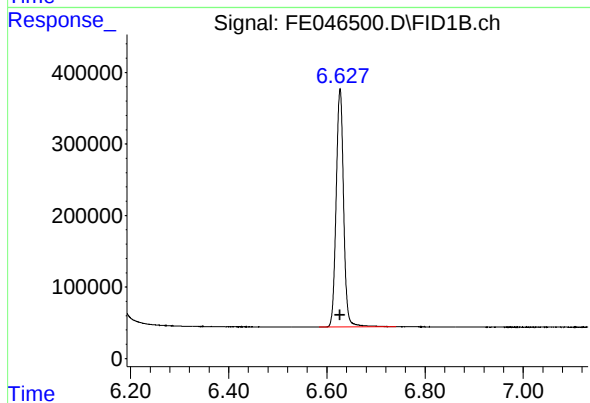
#2 n-Decane (C10)

R.T.: 4.459 min
Delta R.T.: -0.002 min
Response: 3490421
Conc: 21.30 ug/ml



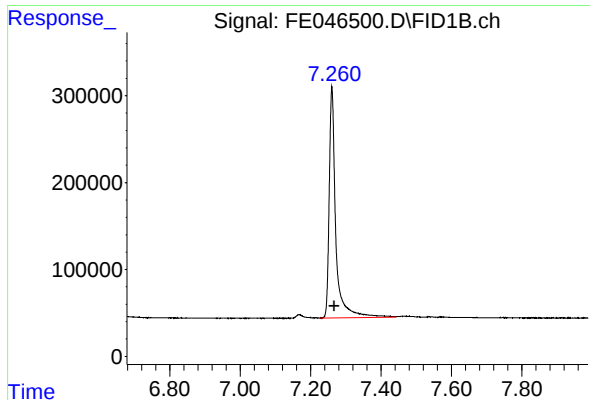
#3 A~Naphthalene (C11.7)

R.T.: 6.164 min
Delta R.T.: -0.005 min
Response: 3645541
Conc: 21.32 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.627 min
Delta R.T.: 0.000 min
Response: 3519039
Conc: 21.27 ug/ml



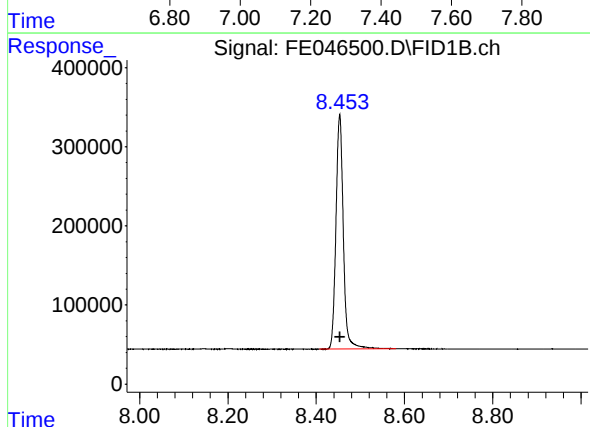
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.260 min
Delta R.T.: -0.007 min
Response: 3471488
Conc: 21.77 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

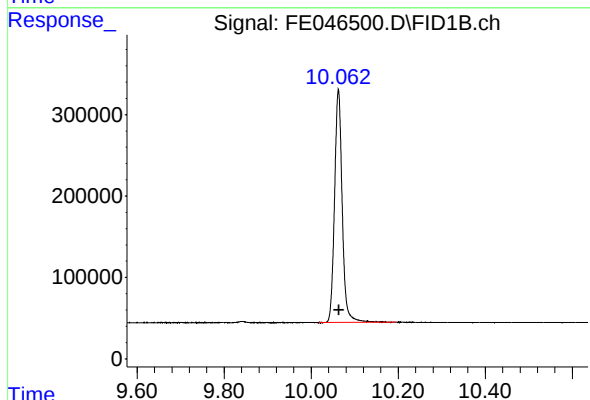
Manual Integrations
APPROVED

Reviewed By :Ankita Jodhani 02/01/2024
Supervised By :Sohil Jodhani 02/01/2024



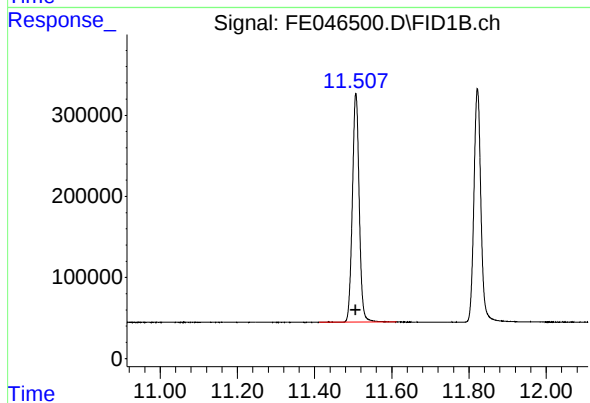
#6 n-Tetradecane (C14)

R.T.: 8.453 min
Delta R.T.: 0.000 min
Response: 3442210
Conc: 21.00 ug/ml



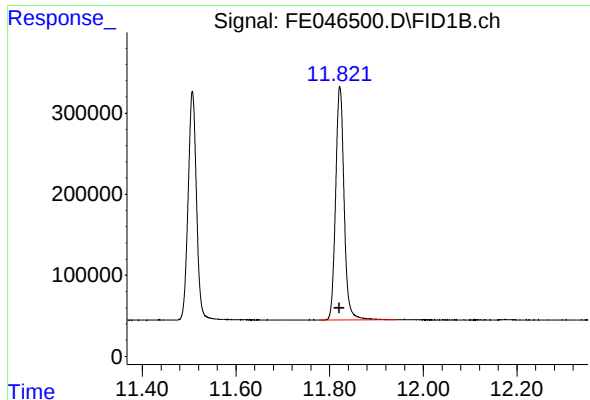
#7 n-Hexadecane (C16)

R.T.: 10.063 min
Delta R.T.: -0.001 min
Response: 3505331
Conc: 20.51 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.507 min
Delta R.T.: 0.000 min
Response: 3489635
Conc: 20.02 ug/ml



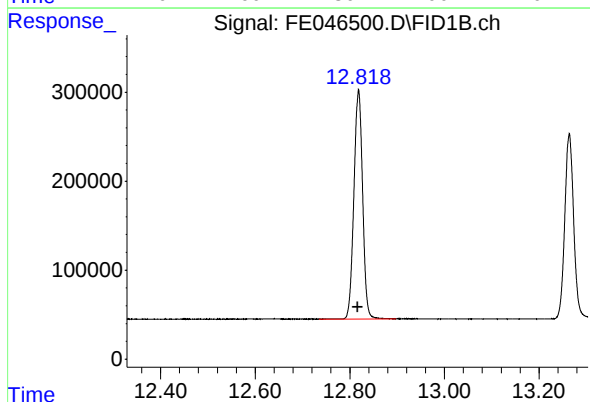
#9 ortho-Terphenyl (SURR)

R.T.: 11.822 min
Delta R.T.: 0.002 min
Response: 3621242
Conc: 19.58 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

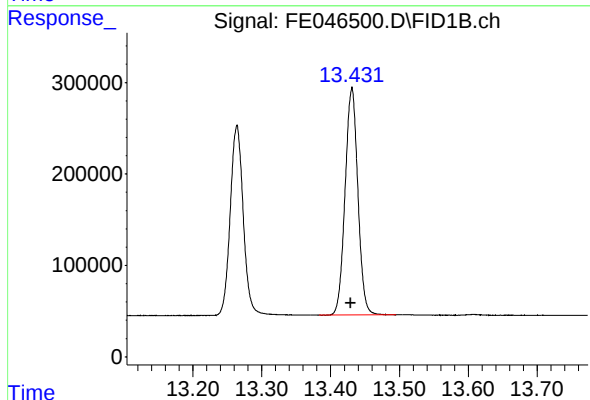
Manual Integrations
APPROVED

Reviewed By :Ankita Jodhani 02/01/2024
Supervised By :Sohil Jodhani 02/01/2024



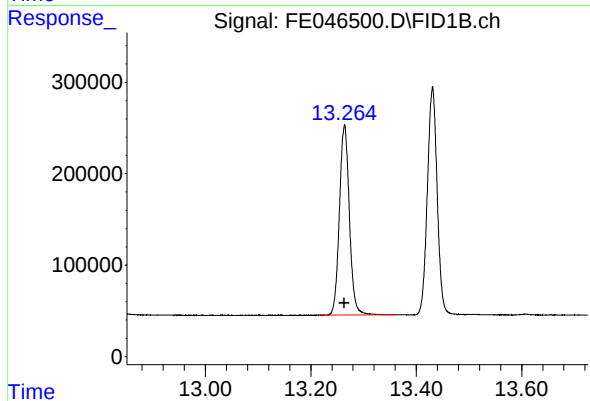
#10 n-Eicosane (C20)

R.T.: 12.819 min
Delta R.T.: 0.002 min
Response: 3304033
Conc: 19.46 ug/ml



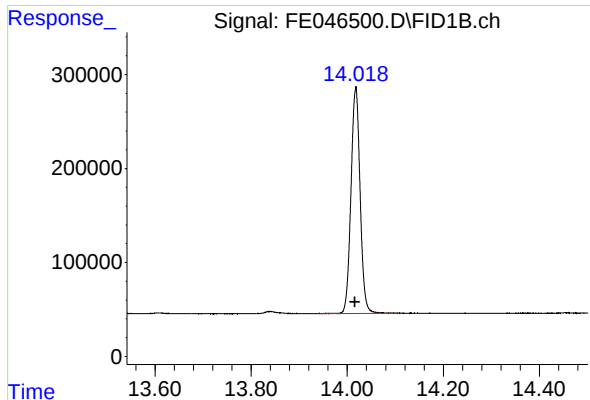
#11 n-Heneicosane (C21)

R.T.: 13.431 min
Delta R.T.: 0.002 min
Response: 3205891
Conc: 19.22 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.264 min
Delta R.T.: 0.000 min
Response: 2734250
Conc: 19.22 ug/ml



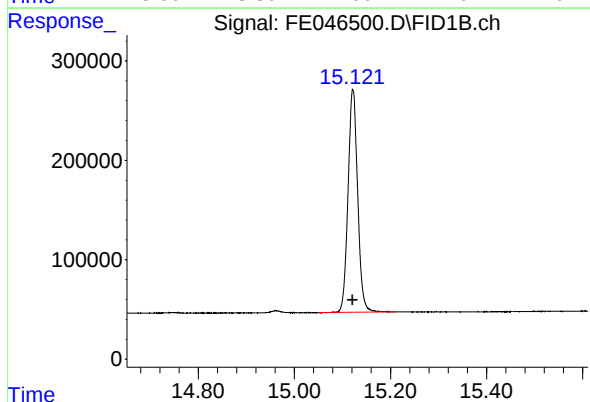
#13 n-Docosane (C22)

R.T.: 14.018 min
Delta R.T.: 0.002 min
Response: 3176774
Conc: 19.18 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

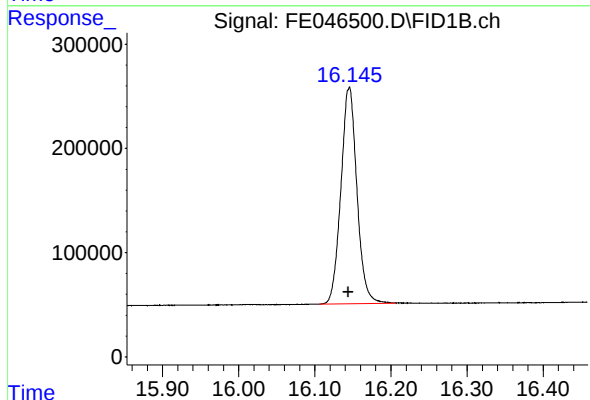
Manual Integrations
APPROVED

Reviewed By :Ankita Jodhani 02/01/2024
Supervised By :Sohil Jodhani 02/01/2024



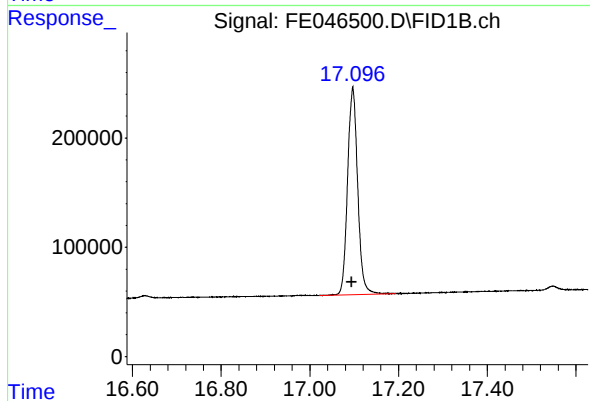
#14 n-Tetracosane (C24)

R.T.: 15.122 min
Delta R.T.: 0.000 min
Response: 3124528
Conc: 18.94 ug/ml



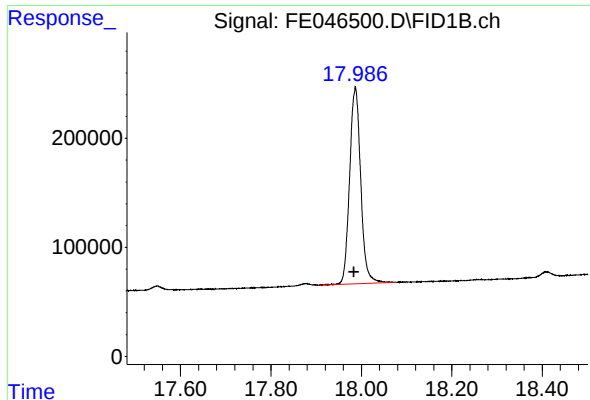
#15 n-Hexacosane (C26)

R.T.: 16.145 min
Delta R.T.: 0.002 min
Response: 3041407
Conc: 18.84 ug/ml m



#16 n-Octacosane (C28)

R.T.: 17.097 min
Delta R.T.: 0.002 min
Response: 2999746
Conc: 19.11 ug/ml



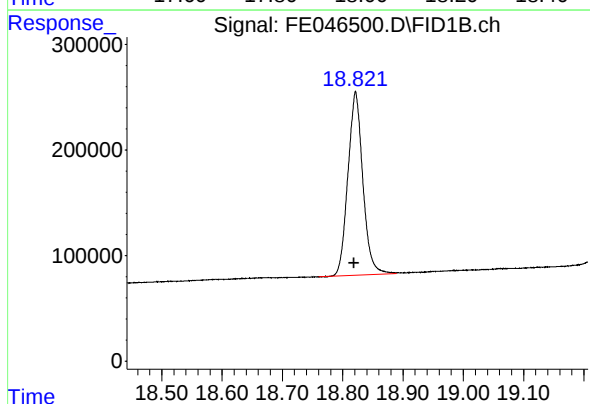
#17 n-Tricontane (C30)

R.T.: 17.987 min
Delta R.T.: 0.003 min
Response: 3066319
Conc: 19.58 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

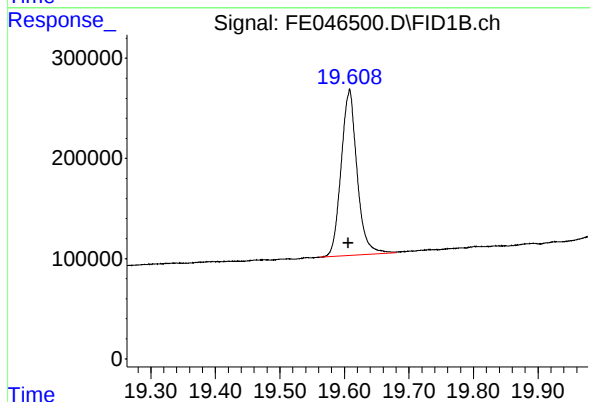
Manual Integrations
APPROVED

Reviewed By :Ankita Jodhani 02/01/2024
Supervised By :Sohil Jodhani 02/01/2024



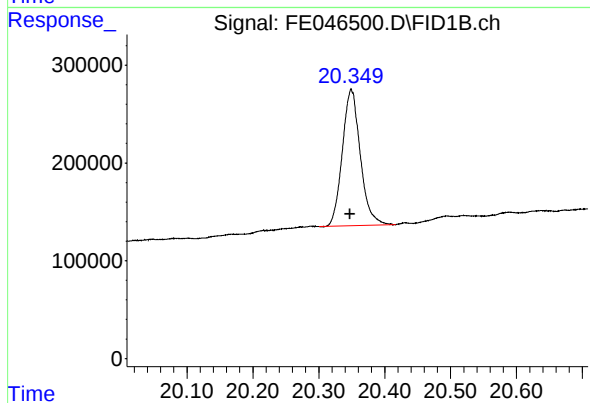
#18 n-Dotriacontane (C32)

R.T.: 18.821 min
Delta R.T.: 0.003 min
Response: 2986165
Conc: 19.76 ug/ml



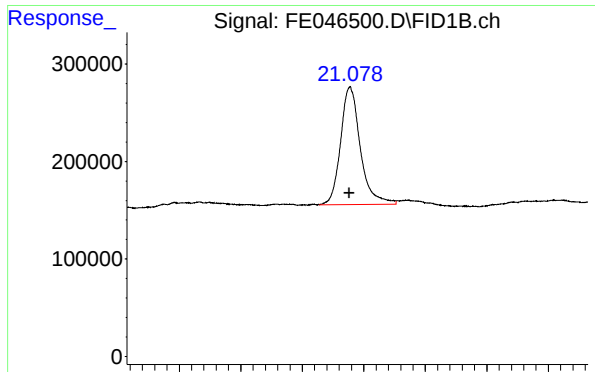
#19 n-Tetratriacontane (C34)

R.T.: 19.608 min
Delta R.T.: 0.002 min
Response: 2841650
Conc: 20.03 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.349 min
Delta R.T.: 0.002 min
Response: 2638697
Conc: 19.14 ug/ml



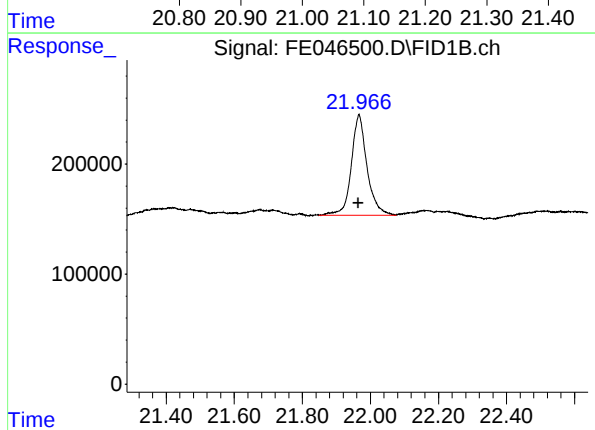
#21 n-Octatriacontane (C38)

R.T.: 21.078 min
Delta R.T.: 0.001 min
Response: 2698337
Conc: 21.05 ug/ml

Instrument : FID_E
ClientSampleId : 20 PPM ALIPHATIC HC STD

Manual Integrations
APPROVED

Reviewed By :Ankita Jodhani 02/01/2024
Supervised By :Sohil Jodhani 02/01/2024



#22 n-Tetracontane (C40)

R.T.: 21.966 min
Delta R.T.: 0.001 min
Response: 2934072
Conc: 23.47 ug/ml m