

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE011725AL\
 Data File : FE051947.D
 Signal(s) : FID1B.ch
 Acq On : 17 Jan 2025 15:23
 Operator : YP\AJ
 Sample : PB166099BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB166099BSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 01/21/2025

Supervised By :Ankita Jodhani 01/21/2025

Integration File: autoint1.e

Quant Time: Jan 17 23:13:14 2025

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 011625.M

Quant Title : GC Extractables

QLast Update : Thu Jan 16 16:05:07 2025

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)	12.179	5517112	38.601 ug/ml
Spiked Amount 50.000		Recovery =	77.20%
12) S 1-chlorooctadecane (S...	13.600	4701928	40.988 ug/ml
Spiked Amount 50.000		Recovery =	81.98%
Target Compounds			
1) T n-Nonane (C9)	3.617	4127186	38.712 ug/ml
2) T n-Decane (C10)	4.851	4370456	39.921 ug/ml
3) T A~Naphthalene (C11.7)	6.551	5120953	42.142 ug/ml
4) T n-Dodecane (C12)	6.992	4566230	40.457 ug/ml
5) T A~2-methylnaphthalene...	7.637	4813374	40.318 ug/ml
6) T n-Tetradecane (C14)	8.812	4816303	41.410 ug/ml
7) T n-Hexadecane (C16)	10.411	4985841	39.532 ug/ml
8) T n-Octadecane (C18)	11.850	5143215	38.873 ug/ml
10) T n-Eicosane (C20)	13.155	5402632	41.212 ug/ml
11) T n-Heneicosane (C21)	13.765	5220971	40.111 ug/ml
13) T n-Docosane (C22)	14.350	5218625	39.765 ug/ml
14) T n-Tetracosane (C24)	15.453	10811500	81.393 ug/ml
15) T n-Hexacosane (C26)	16.470	5145497	38.926 ug/ml
16) T n-Octacosane (C28)	17.415	5157294	39.075 ug/ml
17) T n-Tricontane (C30)	18.302	5227438	38.341 ug/ml
18) T n-Dotriacontane (C32)	19.131	5290378	40.368 ug/ml
19) T n-Tetratriacontane (C34)	19.913	5315908	47.217 ug/ml
20) T n-Hexatriacontane (C36)	20.651	5315425	55.963 ug/ml
21) T n-Octatriacontane (C38)	21.441	5220443	60.434 ug/mlm
22) T n-Tetracontane (C40)	22.453	5362908	65.075 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE011725AL\
Data File : FE051947.D
Signal(s) : FID1B.ch
Acq On : 17 Jan 2025 15:23
Operator : YP\AJ
Sample : PB166099BSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

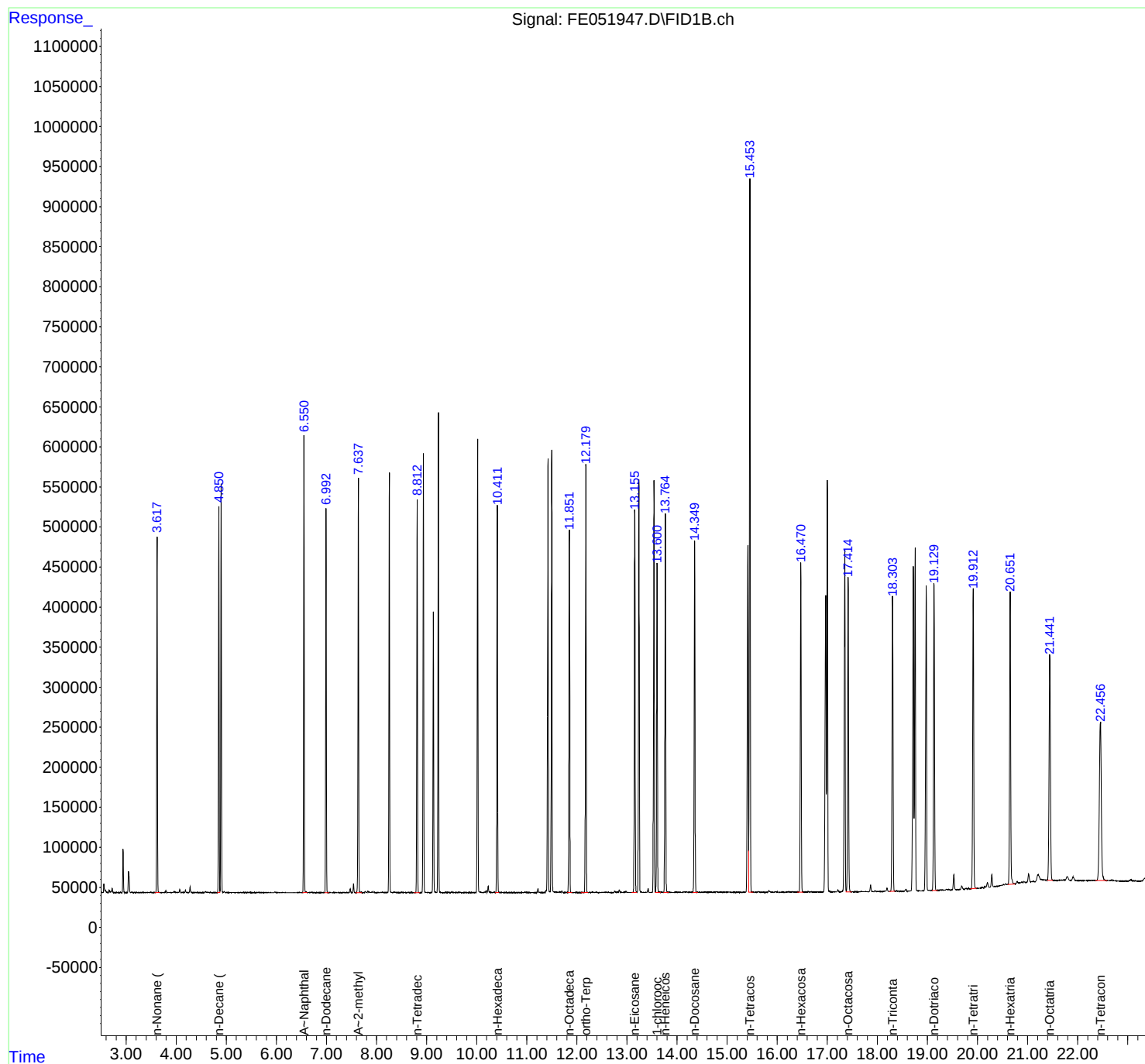
Instrument :
FID_E
ClientSampleId :
PB166099BSD

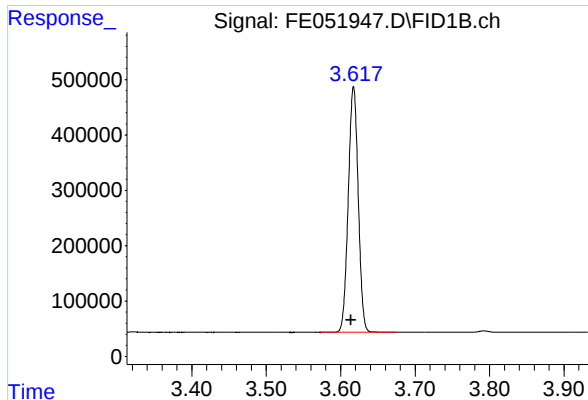
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 01/21/2025
Supervised By :Ankita Jodhani 01/21/2025

Integration File: autoint1.e
Quant Time: Jan 17 23:13:14 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 011625.
Quant Title : GC Extractables
Qlast Update : Thu Jan 16 16:05:07 2025
Response via : Initial Calibration
Integrator: ChemStation

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





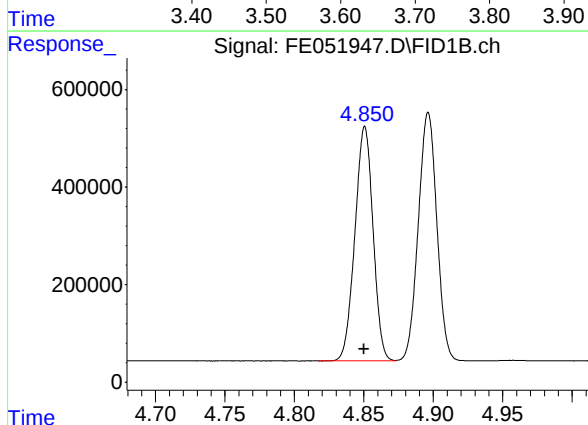
#1 n-Nonane (C9)

R.T.: 3.617 min
Delta R.T.: 0.003 min
Response: 4127186
Conc: 38.71 ug/ml

Instrument :
FID_E
ClientSampleId :
PB166099BSD

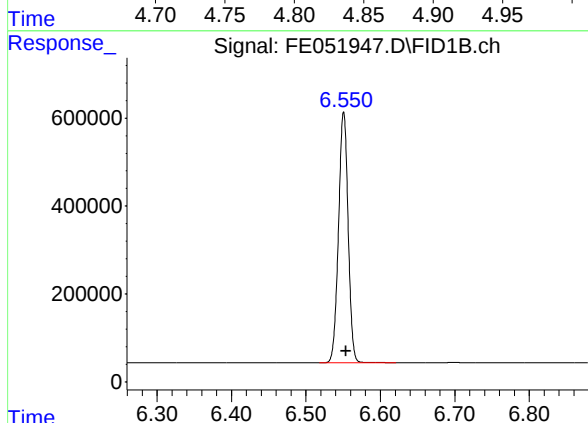
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 01/21/2025
Supervised By :Ankita Jodhani 01/21/2025



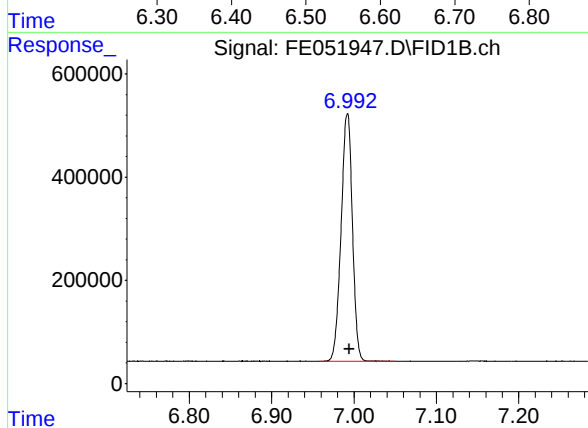
#2 n-Decane (C10)

R.T.: 4.851 min
Delta R.T.: 0.000 min
Response: 4370456
Conc: 39.92 ug/ml



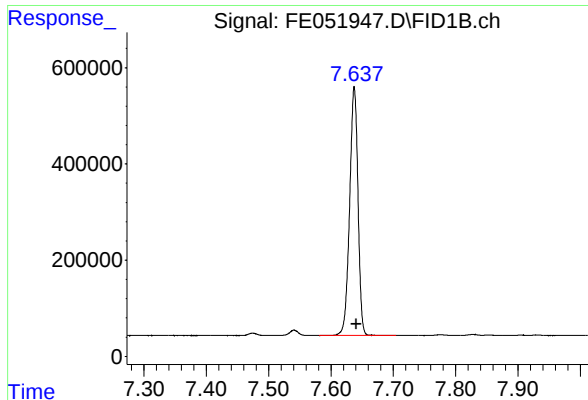
#3 A~Naphthalene (C11.7)

R.T.: 6.551 min
Delta R.T.: -0.003 min
Response: 5120953
Conc: 42.14 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.992 min
Delta R.T.: -0.002 min
Response: 4566230
Conc: 40.46 ug/ml



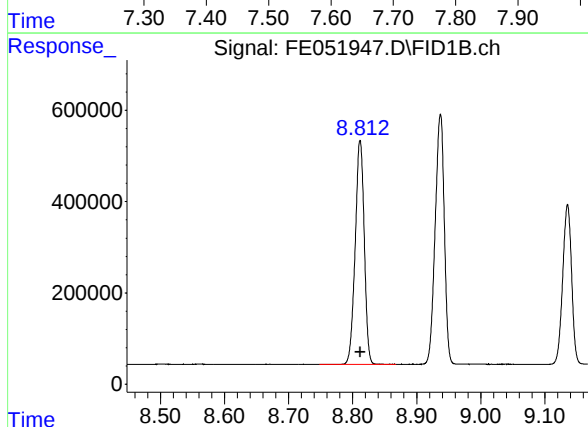
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.637 min
Delta R.T.: -0.003 min
Response: 4813374
Conc: 40.32 ug/ml

Instrument :
FID_E
ClientSampleId :
PB166099BSD

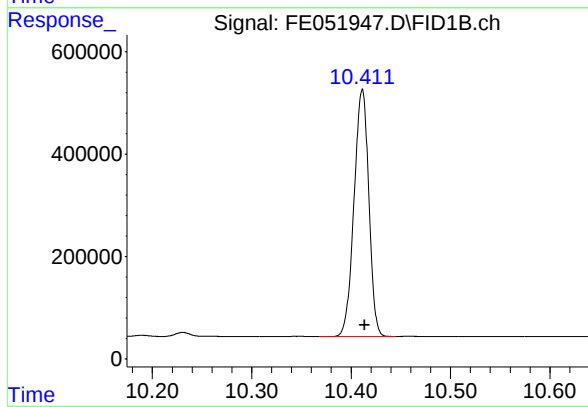
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 01/21/2025
Supervised By :Ankita Jodhani 01/21/2025



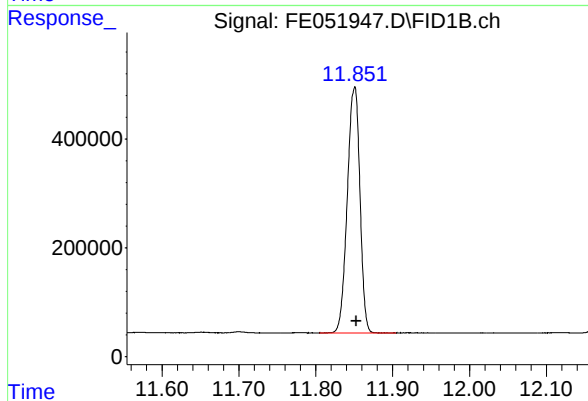
#6 n-Tetradecane (C14)

R.T.: 8.812 min
Delta R.T.: 0.000 min
Response: 4816303
Conc: 41.41 ug/ml



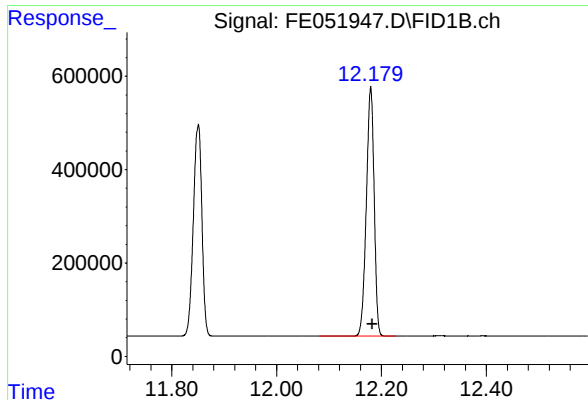
#7 n-Hexadecane (C16)

R.T.: 10.411 min
Delta R.T.: -0.002 min
Response: 4985841
Conc: 39.53 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.850 min
Delta R.T.: -0.002 min
Response: 5143215
Conc: 38.87 ug/ml



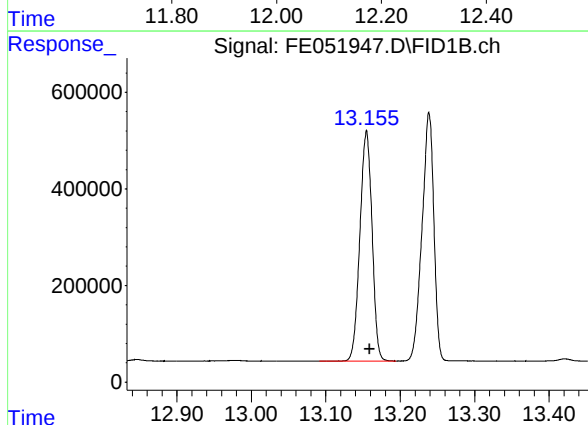
#9 ortho-Terphenyl (SURR)

R.T.: 12.179 min
Delta R.T.: -0.003 min
Response: 5517112
Conc: 38.60 ug/ml

Instrument :
FID_E
ClientSampleId :
PB166099BSD

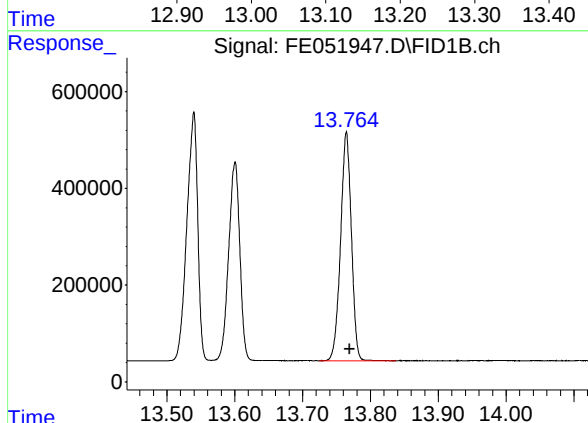
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 01/21/2025
Supervised By :Ankita Jodhani 01/21/2025



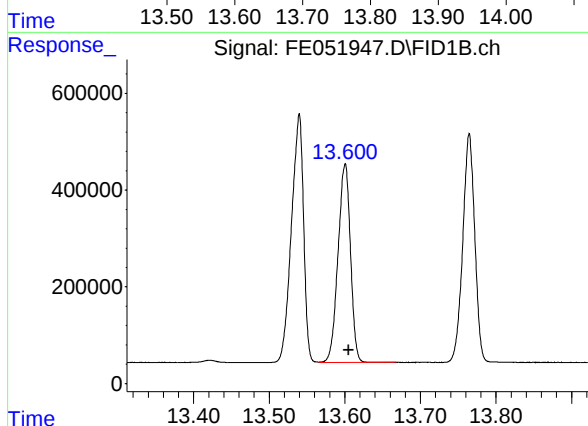
#10 n-Eicosane (C20)

R.T.: 13.155 min
Delta R.T.: -0.004 min
Response: 5402632
Conc: 41.21 ug/ml



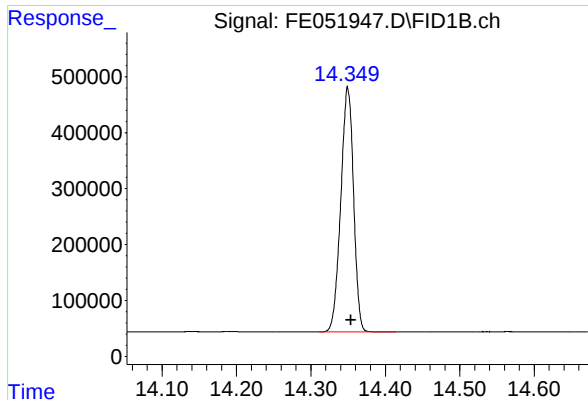
#11 n-Heneicosane (C21)

R.T.: 13.765 min
Delta R.T.: -0.005 min
Response: 5220971
Conc: 40.11 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.600 min
Delta R.T.: -0.005 min
Response: 4701928
Conc: 40.99 ug/ml



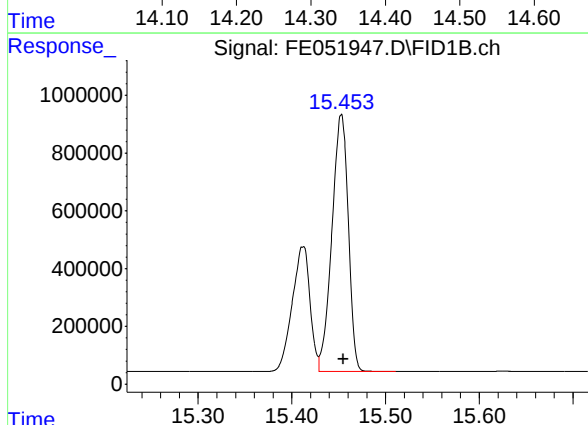
#13 n-Docosane (C22)

R.T.: 14.350 min
Delta R.T.: -0.005 min
Response: 5218625
Conc: 39.77 ug/ml

Instrument :
FID_E
ClientSampleId :
PB166099BSD

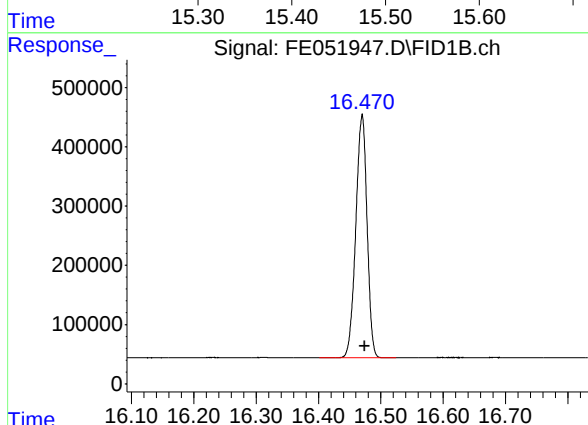
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 01/21/2025
Supervised By :Ankita Jodhani 01/21/2025



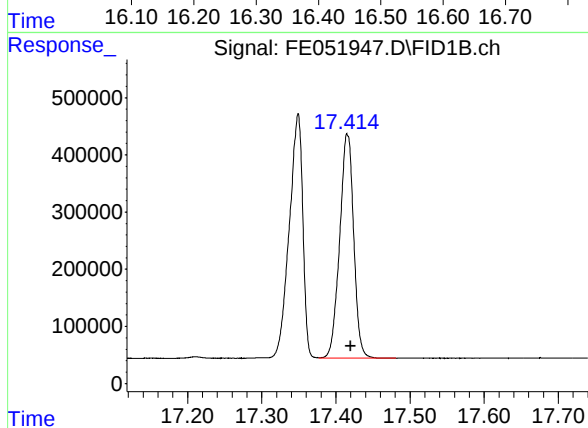
#14 n-Tetracosane (C24)

R.T.: 15.453 min
Delta R.T.: -0.002 min
Response: 10811500
Conc: 81.39 ug/ml



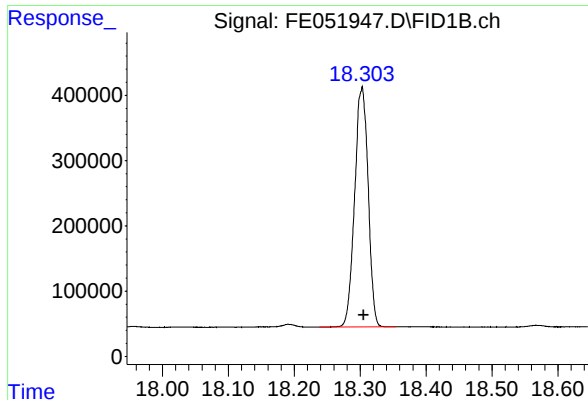
#15 n-Hexacosane (C26)

R.T.: 16.470 min
Delta R.T.: -0.004 min
Response: 5145497
Conc: 38.93 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.415 min
Delta R.T.: -0.005 min
Response: 5157294
Conc: 39.07 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.302 min
Delta R.T.: -0.003 min
Response: 5227438
Conc: 38.34 ug/ml

Instrument :

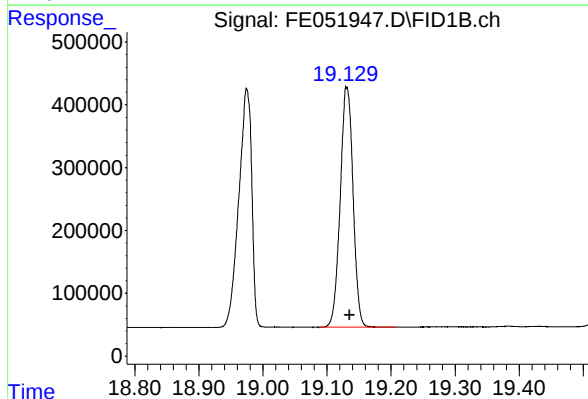
FID_E

ClientSampleId :

PB166099BSD

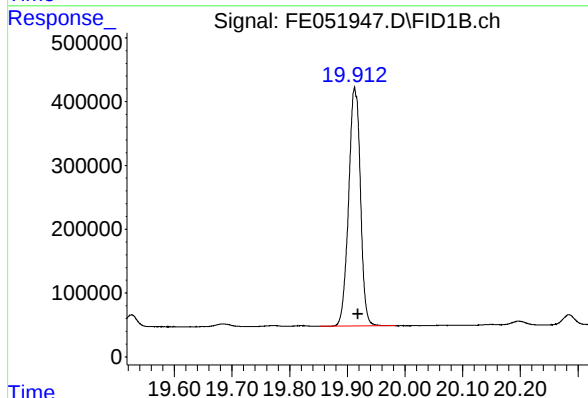
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 01/21/2025
Supervised By :Ankita Jodhani 01/21/2025



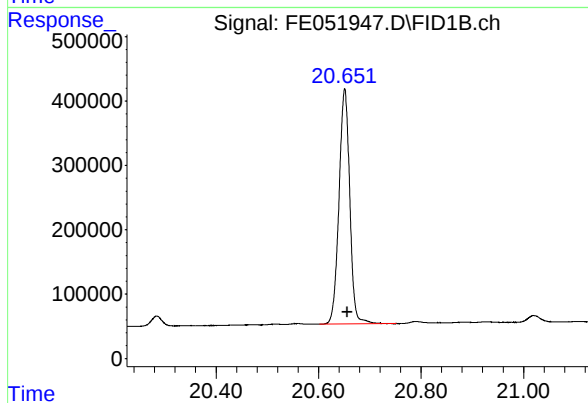
#18 n-Dotriacontane (C32)

R.T.: 19.131 min
Delta R.T.: -0.005 min
Response: 5290378
Conc: 40.37 ug/ml



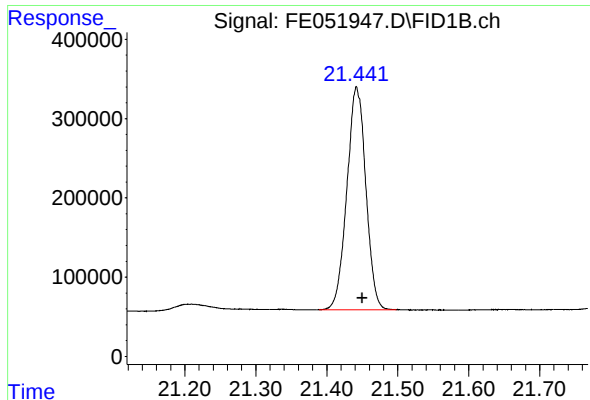
#19 n-Tetratriacontane (C34)

R.T.: 19.913 min
Delta R.T.: -0.005 min
Response: 5315908
Conc: 47.22 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.651 min
Delta R.T.: -0.005 min
Response: 5315425
Conc: 55.96 ug/ml



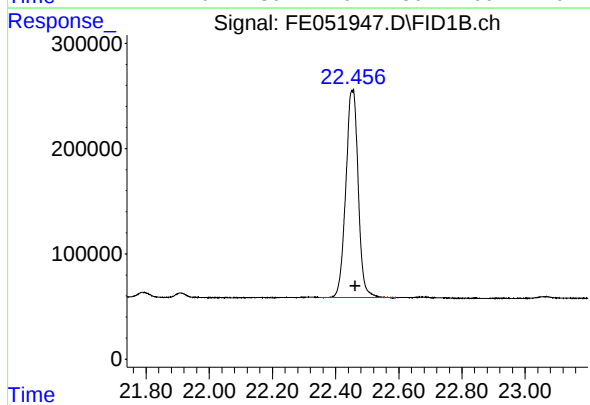
#21 n-Octatriacontane (C38)

R.T.: 21.441 min
Delta R.T.: -0.009 min
Response: 5220443
Conc: 60.43 ug/ml

Instrument :
FID_E
ClientSampleId :
PB166099BSD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 01/21/2025
Supervised By :Ankita Jodhani 01/21/2025



#22 n-Tetracontane (C40)

R.T.: 22.453 min
Delta R.T.: -0.009 min
Response: 5362908
Conc: 65.08 ug/ml