

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE032425AL\
 Data File : FE052942.D
 Signal(s) : FID1B.ch
 Acq On : 24 Mar 2025 15:39
 Operator : YP\AJ
 Sample : PB167270BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB167270BSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 03/25/2025

Supervised By :mohammad ahmed 03/26/2025

Integration File: autoint1.e

Quant Time: Mar 25 01:51:49 2025

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 030325.M

Quant Title : GC Extractables

QLast Update : Mon Mar 03 13:39:39 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)	11.911	6427762	38.127 ug/ml
Spiked Amount 50.000		Recovery =	76.25%
12) S 1-chlorooctadecane (S...	13.356	4830119	39.778 ug/ml
Spiked Amount 50.000		Recovery =	79.56%
Target Compounds			
1) T n-Nonane (C9)	3.266	8980252	57.918 ug/ml
2) T n-Decane (C10)	4.520	9434389	60.055 ug/ml
3) T A~Naphthalene (C11.7)	6.227	10333121	60.929 ug/ml
4) T n-Dodecane (C12)	6.694	9573106	61.485 ug/ml
5) T A~2-methylnaphthalene...	7.329	9367680	57.805 ug/ml
6) T n-Tetradecane (C14)	8.533	9511497	62.861 ug/ml
7) T n-Hexadecane (C16)	10.146	9268209	60.621 ug/ml
8) T n-Octadecane (C18)	11.596	9127503	59.994 ug/ml
10) T n-Eicosane (C20)	12.912	9092691	62.633 ug/ml
11) T n-Heneicosane (C21)	13.525	8651426	60.785 ug/ml
13) T n-Docosane (C22)	14.114	8548322	60.069 ug/ml
14) T n-Tetracosane (C24)	15.216	17372766	121.396 ug/ml
15) T n-Hexacosane (C26)	16.249	8220021	57.808 ug/ml
16) T n-Octacosane (C28)	17.199	8406907	59.122 ug/ml
17) T n-Tricontane (C30)	18.092	8250231	55.858 ug/ml
18) T n-Dotriacontane (C32)	18.926	8247244	56.807 ug/mlm
19) T n-Tetratriacontane (C34)	19.713	8518086	63.200 ug/ml
20) T n-Hexatriacontane (C36)	20.456	8241619	69.360 ug/ml
21) T n-Octatriacontane (C38)	21.200	8342089	75.197 ug/ml
22) T n-Tetracontane (C40)	22.125	8302472	76.792 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE032425AL\
Data File : FE052942.D
Signal(s) : FID1B.ch
Acq On : 24 Mar 2025 15:39
Operator : YP\AJ
Sample : PB167270BSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

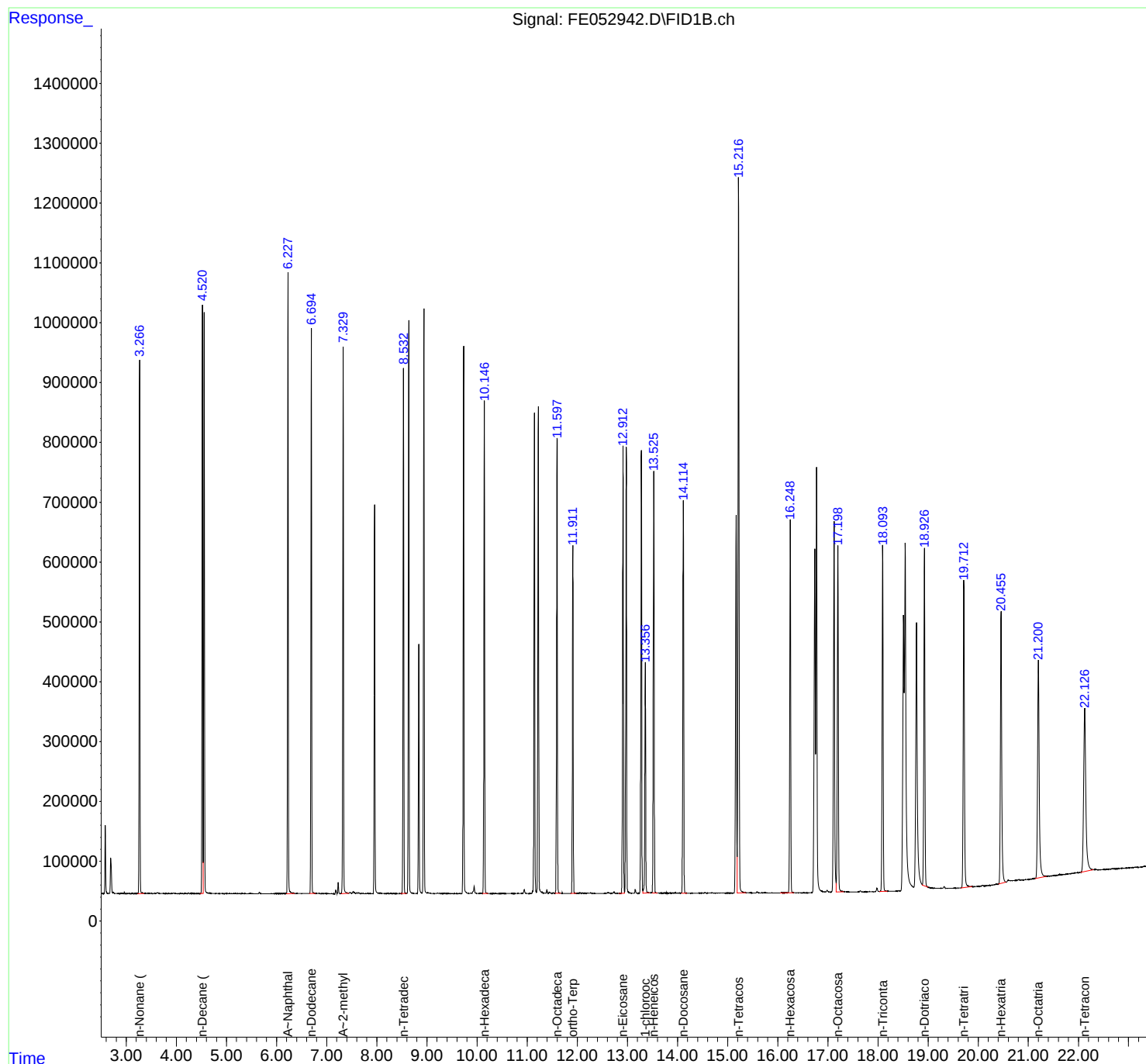
Instrument :
FID_E
ClientSampleId :
PB167270BSD

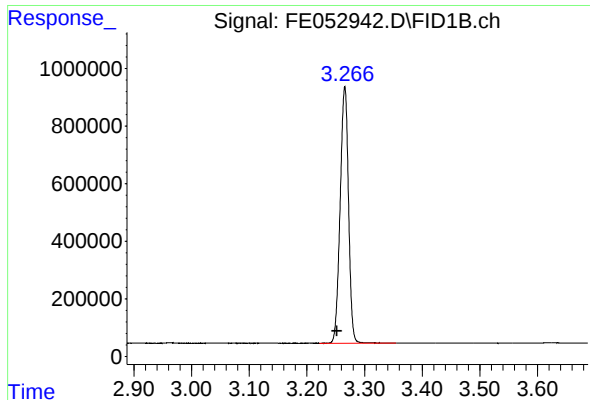
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/25/2025
Supervised By :mohammad ahmed 03/26/2025

Integration File: autoint1.e
Quant Time: Mar 25 01:51:49 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 030325.
Quant Title : GC Extractables
QLast Update : Mon Mar 03 13:39:39 2025
Response via : Initial Calibration
Integrator: ChemStation

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





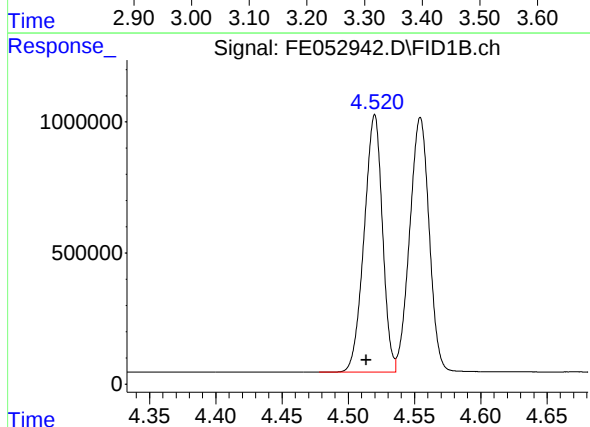
#1 n-Nonane (C9)

R.T.: 3.266 min
Delta R.T.: 0.014 min
Response: 8980252
Conc: 57.92 ug/ml

Instrument :
FID_E
ClientSampleId :
PB167270BSD

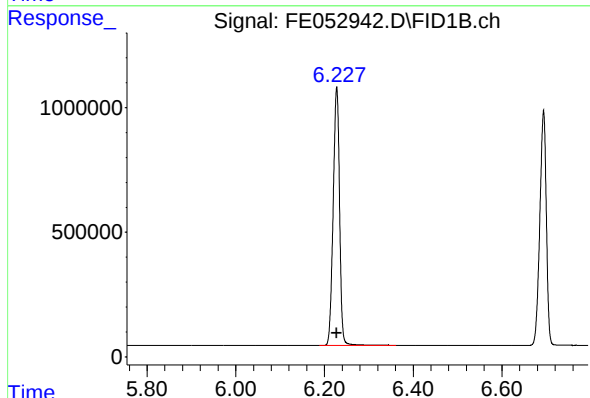
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/25/2025
Supervised By :mohammad ahmed 03/26/2025



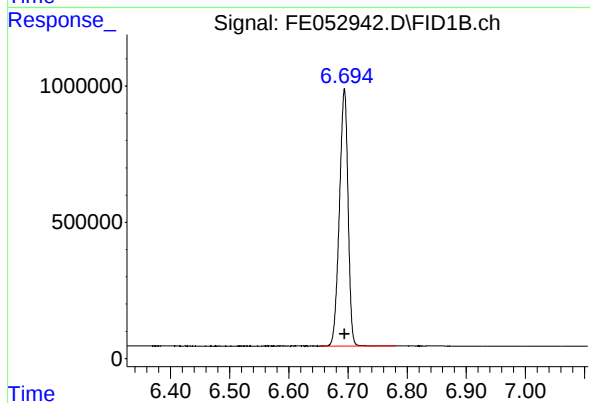
#2 n-Decane (C10)

R.T.: 4.520 min
Delta R.T.: 0.006 min
Response: 9434389
Conc: 60.05 ug/ml



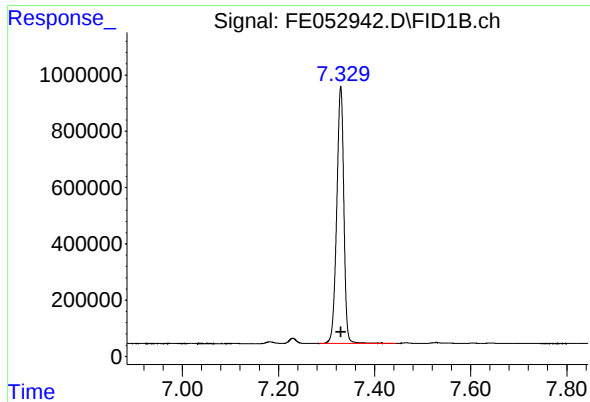
#3 A~Naphthalene (C11.7)

R.T.: 6.227 min
Delta R.T.: 0.000 min
Response: 10333121
Conc: 60.93 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.694 min
Delta R.T.: 0.000 min
Response: 9573106
Conc: 61.48 ug/ml



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

R.T.: 7.329 min
Delta R.T.: 0.000 min
Response: 9367680
Conc: 57.80 ug/ml

Instrument :

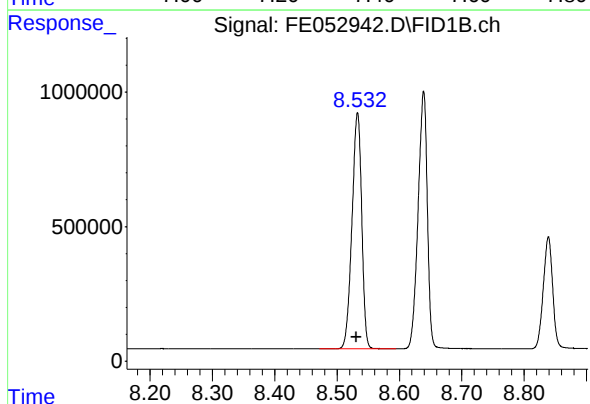
FID_E

ClientSampleId :

PB167270BSD

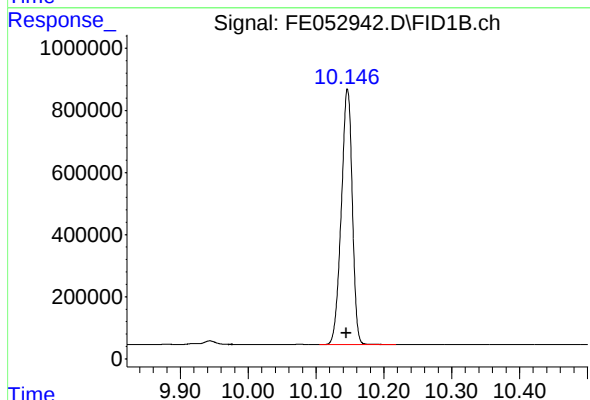
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/25/2025
Supervised By :mohammad ahmed 03/26/2025



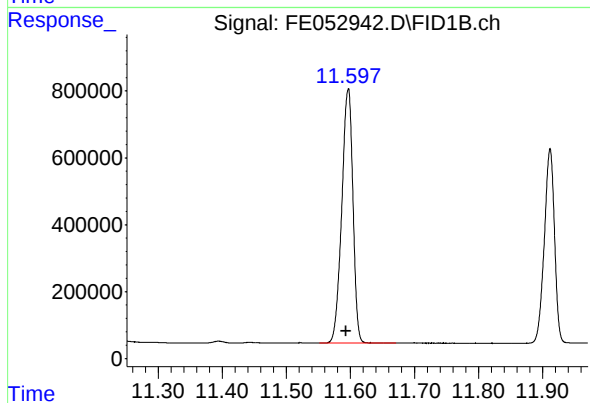
#6 n-Tetradecane (C14)

R.T.: 8.533 min
Delta R.T.: 0.002 min
Response: 9511497
Conc: 62.86 ug/ml



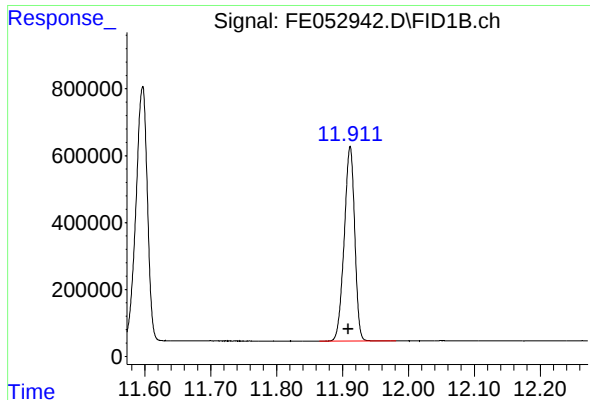
#7 n-Hexadecane (C16)

R.T.: 10.146 min
Delta R.T.: 0.002 min
Response: 9268209
Conc: 60.62 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.596 min
Delta R.T.: 0.003 min
Response: 9127503
Conc: 59.99 ug/ml



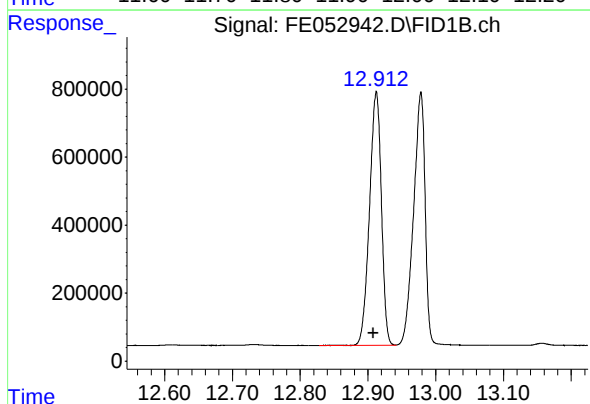
#9 ortho-Terphenyl (SURR)

R.T.: 11.911 min
Delta R.T.: 0.003 min
Response: 6427762
Conc: 38.13 ug/ml

Instrument :
FID_E
ClientSampleId :
PB167270BSD

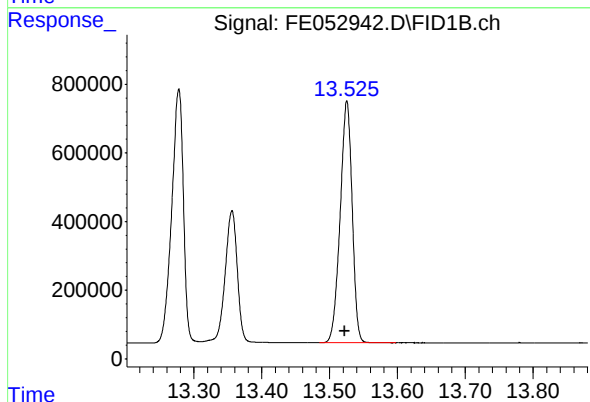
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/25/2025
Supervised By :mohammad ahmed 03/26/2025



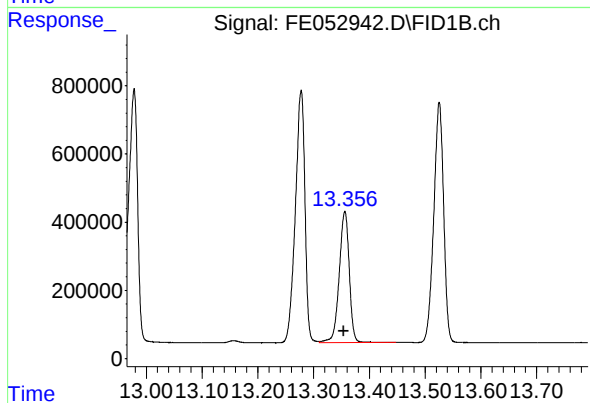
#10 n-Eicosane (C20)

R.T.: 12.912 min
Delta R.T.: 0.005 min
Response: 9092691
Conc: 62.63 ug/ml



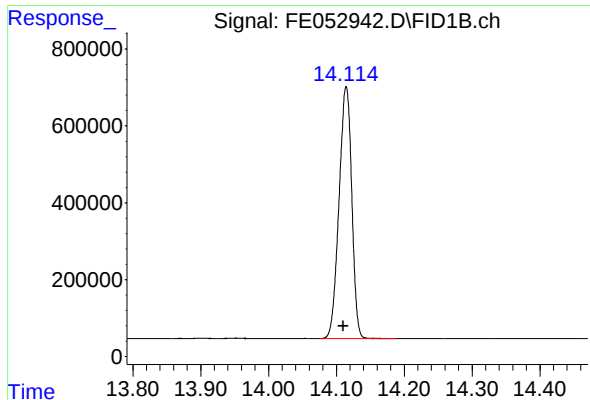
#11 n-Heneicosane (C21)

R.T.: 13.525 min
Delta R.T.: 0.003 min
Response: 8651426
Conc: 60.78 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.356 min
Delta R.T.: 0.002 min
Response: 4830119
Conc: 39.78 ug/ml



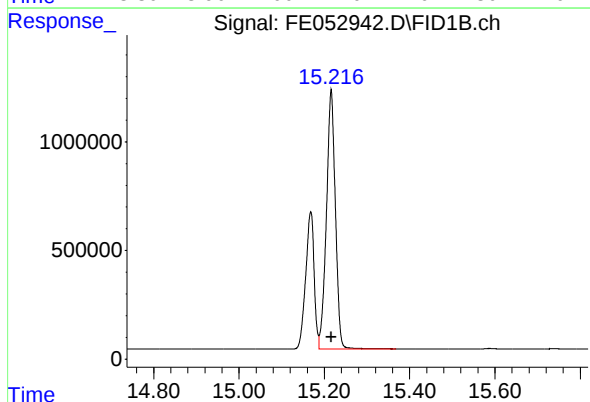
#13 n-Docosane (C22)

R.T.: 14.114 min
Delta R.T.: 0.004 min
Response: 8548322
Conc: 60.07 ug/ml

Instrument :
FID_E
ClientSampleId :
PB167270BSD

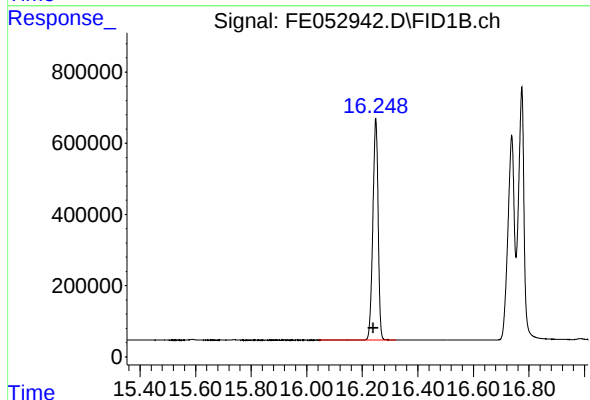
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/25/2025
Supervised By :mohammad ahmed 03/26/2025



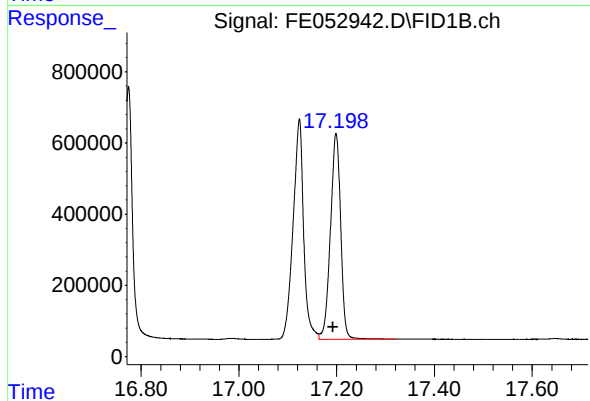
#14 n-Tetracosane (C24)

R.T.: 15.216 min
Delta R.T.: 0.000 min
Response: 17372766
Conc: 121.40 ug/ml



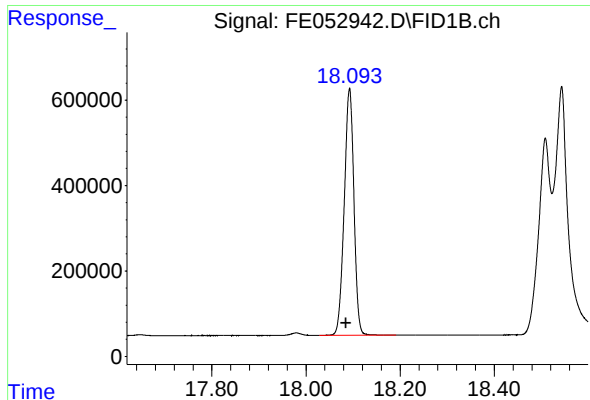
#15 n-Hexacosane (C26)

R.T.: 16.249 min
Delta R.T.: 0.008 min
Response: 8220021
Conc: 57.81 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.199 min
Delta R.T.: 0.007 min
Response: 8406907
Conc: 59.12 ug/ml



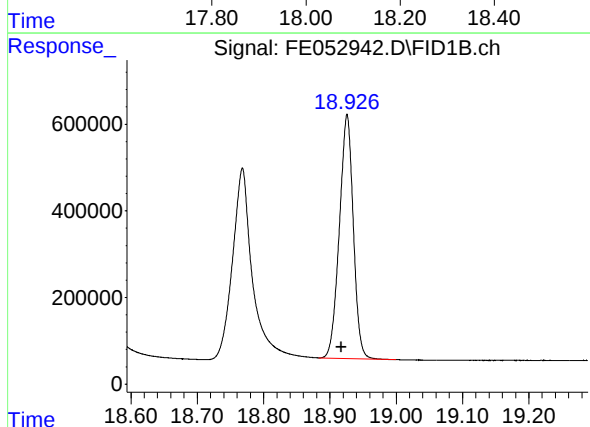
#17 n-Tricontane (C30)

R.T.: 18.092 min
Delta R.T.: 0.007 min
Response: 8250231
Conc: 55.86 ug/ml

Instrument :
FID_E
ClientSampleId :
PB167270BSD

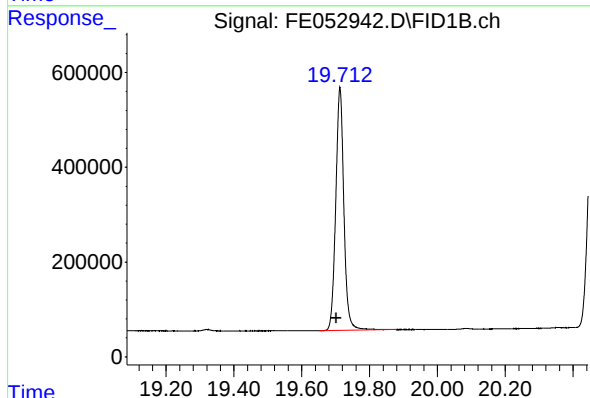
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/25/2025
Supervised By :mohammad ahmed 03/26/2025



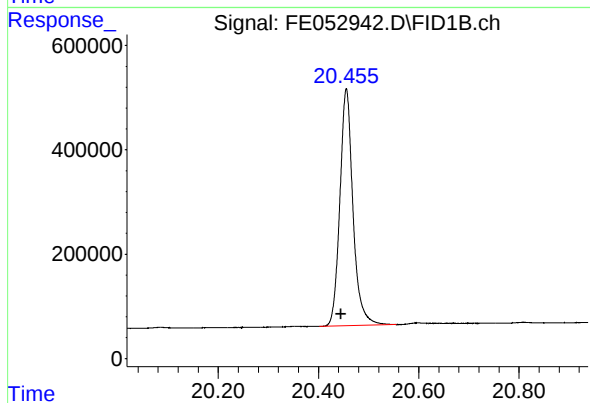
#18 n-Dotriacontane (C32)

R.T.: 18.926 min
Delta R.T.: 0.009 min
Response: 8247244
Conc: 56.81 ug/ml m



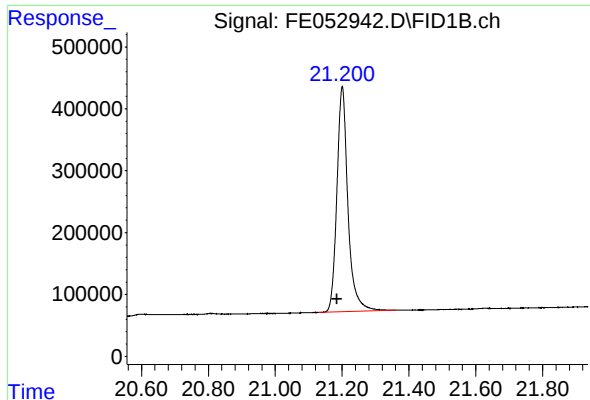
#19 n-Tetratriacontane (C34)

R.T.: 19.713 min
Delta R.T.: 0.010 min
Response: 8518086
Conc: 63.20 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.456 min
Delta R.T.: 0.011 min
Response: 8241619
Conc: 69.36 ug/ml



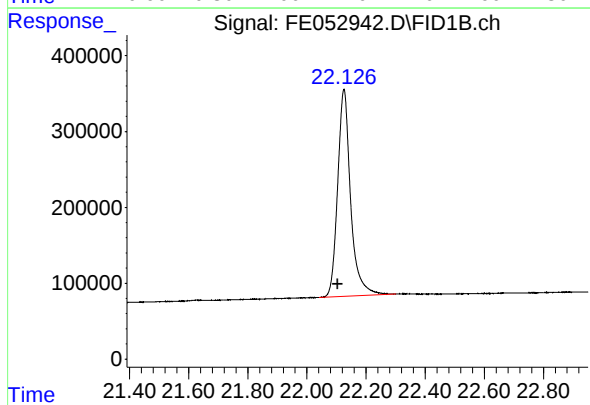
#21 n-Octatriacontane (C38)

R.T.: 21.200 min
Delta R.T.: 0.016 min
Response: 8342089
Conc: 75.20 ug/ml

Instrument :
FID_E
ClientSampleId :
PB167270BSD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/25/2025
Supervised By :mohammad ahmed 03/26/2025



#22 n-Tetracontane (C40)

R.T.: 22.125 min
Delta R.T.: 0.021 min
Response: 8302472
Conc: 76.79 ug/ml