

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE033125AL\
 Data File : FE053072.D
 Signal(s) : FID1B.ch
 Acq On : 31 Mar 2025 15:31
 Operator : YP\AJ
 Sample : PB167382BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB167382BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 04/01/2025

Supervised By :mohammad ahmed 04/02/2025

Integration File: autoint1.e

Quant Time: Apr 01 01:39:28 2025

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032925.M

Quant Title : GC Extractables

QLast Update : Mon Mar 31 02:44:53 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)	11.900	6480100	39.784 ug/ml
Spiked Amount 50.000		Recovery =	79.57%
12) S 1-chlorooctadecane (S...	13.345	4851572	40.415 ug/ml
Spiked Amount 50.000		Recovery =	80.83%
Target Compounds			
1) T n-Nonane (C9)	3.263	6375407	41.174 ug/ml
2) T n-Decane (C10)	4.514	6629976	42.267 ug/ml
3) T A~Naphthalene (C11.7)	6.219	6980127	41.551 ug/ml
4) T n-Dodecane (C12)	6.686	6646865	42.499 ug/ml
5) T A~2-methylnaphthalene...	7.320	6197820	38.843 ug/ml
6) T n-Tetradecane (C14)	8.523	6445999	42.099 ug/ml
7) T n-Hexadecane (C16)	10.136	6378774	41.381 ug/ml
8) T n-Octadecane (C18)	11.585	6170601	40.686 ug/ml
10) T n-Eicosane (C20)	12.899	6186452	43.391 ug/ml
11) T n-Heneicosane (C21)	13.513	5879319	42.367 ug/ml
13) T n-Docosane (C22)	14.102	5796376	42.323 ug/ml
14) T n-Tetracosane (C24)	15.198	12165576	90.076 ug/ml
15) T n-Hexacosane (C26)	16.233	5671138	42.510 ug/ml
16) T n-Octacosane (C28)	17.185	6021781	45.631 ug/ml
17) T n-Tricontane (C30)	18.077	5791170	42.727 ug/ml
18) T n-Dotriacontane (C32)	18.910	5678080	42.196 ug/ml
19) T n-Tetratriacontane (C34)	19.698	5619862	43.431 ug/ml
20) T n-Hexatriacontane (C36)	20.439	5140386	43.273 ug/ml
21) T n-Octatriacontane (C38)	21.180	4626671	40.254 ug/ml
22) T n-Tetracontane (C40)	22.098	3942858	35.106 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE033125AL\
Data File : FE053072.D
Signal(s) : FID1B.ch
Acq On : 31 Mar 2025 15:31
Operator : YP\AJ
Sample : PB167382BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

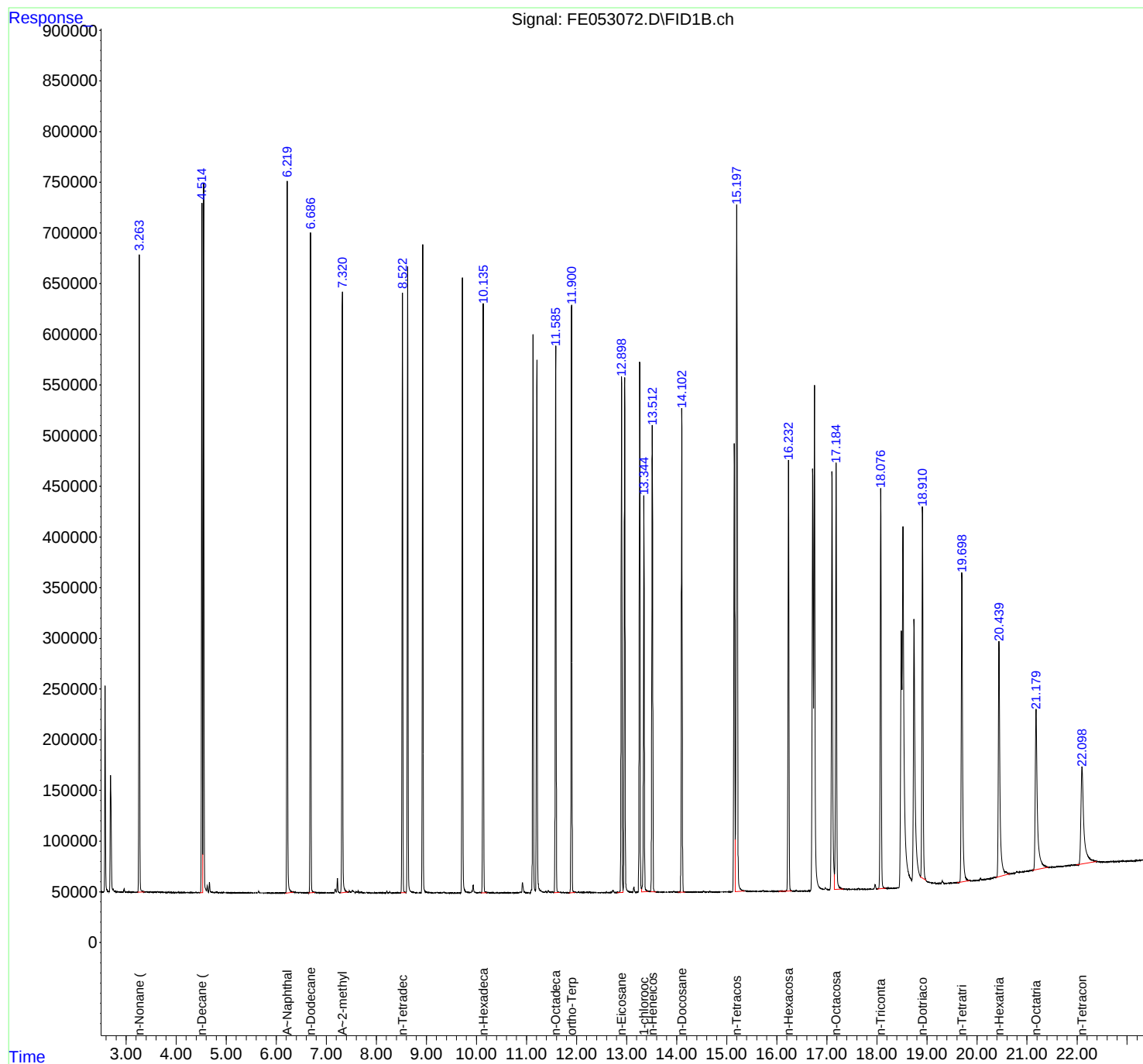
Instrument :
FID_E
ClientSampleId :
PB167382BS

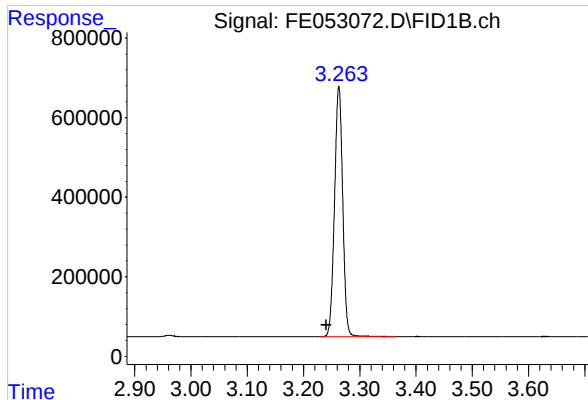
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/01/2025
Supervised By :mohammad ahmed 04/02/2025

Integration File: autoint1.e
Quant Time: Apr 01 01:39:28 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032925.
Quant Title : GC Extractables
QLast Update : Mon Mar 31 02:44:53 2025
Response via : Initial Calibration
Integrator: ChemStation

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





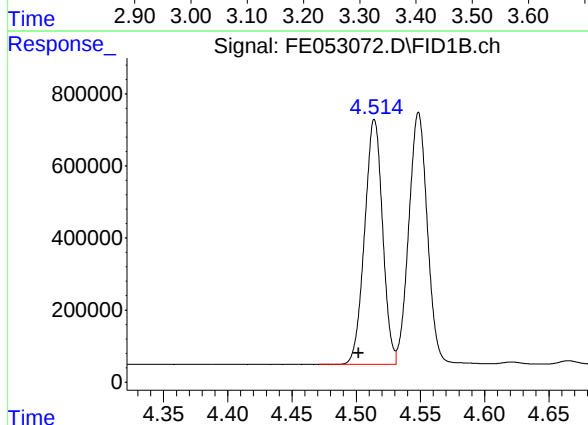
#1 n-Nonane (C9)

R.T.: 3.263 min
Delta R.T.: 0.022 min
Response: 6375407
Conc: 41.17 ug/ml

Instrument :
FID_E
ClientSampleId :
PB167382BS

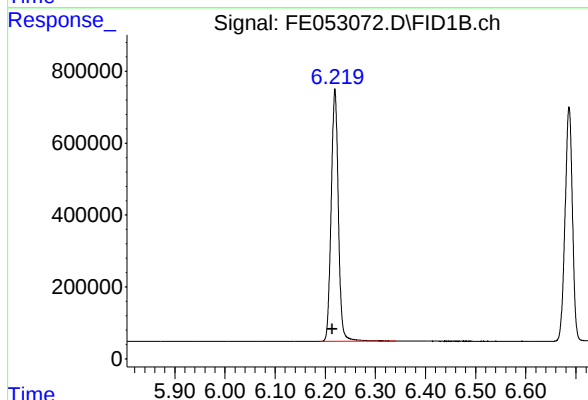
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/01/2025
Supervised By :mohammad ahmed 04/02/2025



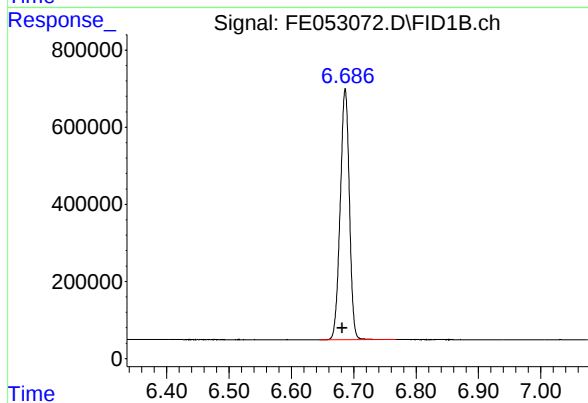
#2 n-Decane (C10)

R.T.: 4.514 min
Delta R.T.: 0.012 min
Response: 6629976
Conc: 42.27 ug/ml



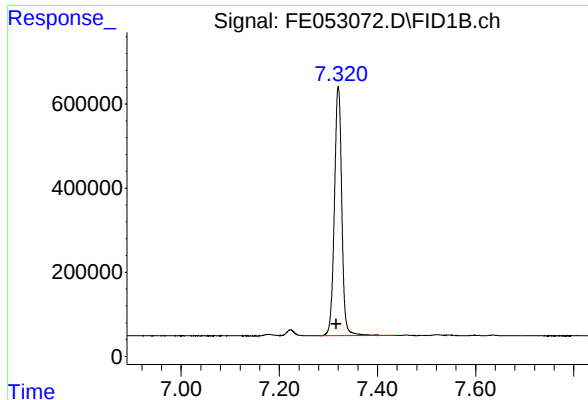
#3 A~Naphthalene (C11.7)

R.T.: 6.219 min
Delta R.T.: 0.005 min
Response: 6980127
Conc: 41.55 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.686 min
Delta R.T.: 0.004 min
Response: 6646865
Conc: 42.50 ug/ml



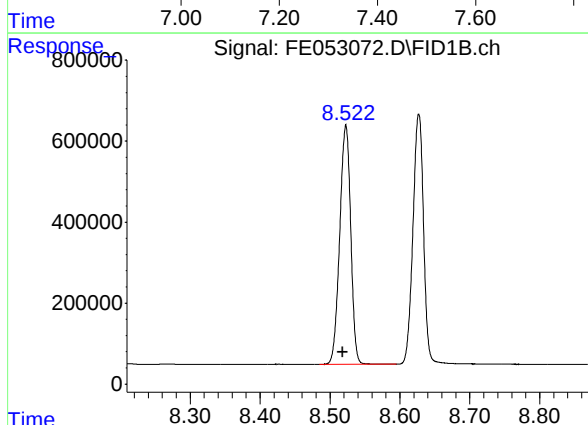
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.320 min
Delta R.T.: 0.004 min
Response: 6197820
Conc: 38.84 ug/ml

Instrument :
FID_E
ClientSampleId :
PB167382BS

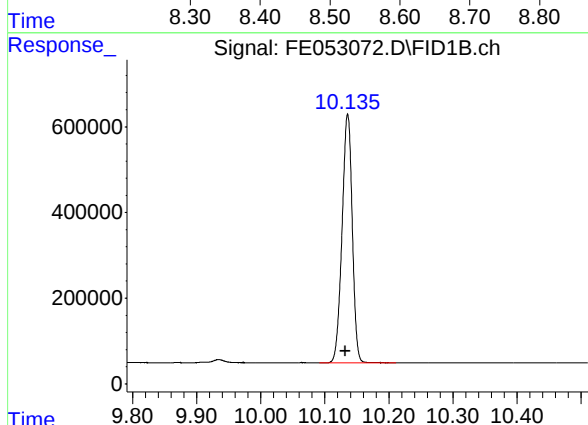
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/01/2025
Supervised By :mohammad ahmed 04/02/2025



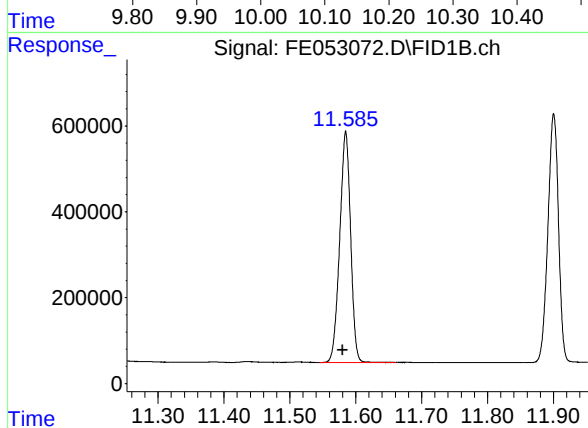
#6 n-Tetradecane (C14)

R.T.: 8.523 min
Delta R.T.: 0.004 min
Response: 6445999
Conc: 42.10 ug/ml



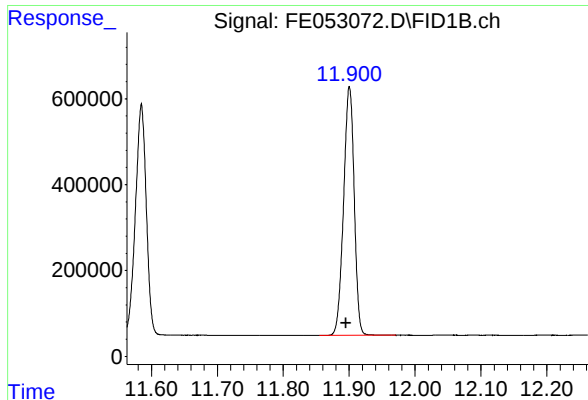
#7 n-Hexadecane (C16)

R.T.: 10.136 min
Delta R.T.: 0.004 min
Response: 6378774
Conc: 41.38 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.585 min
Delta R.T.: 0.005 min
Response: 6170601
Conc: 40.69 ug/ml



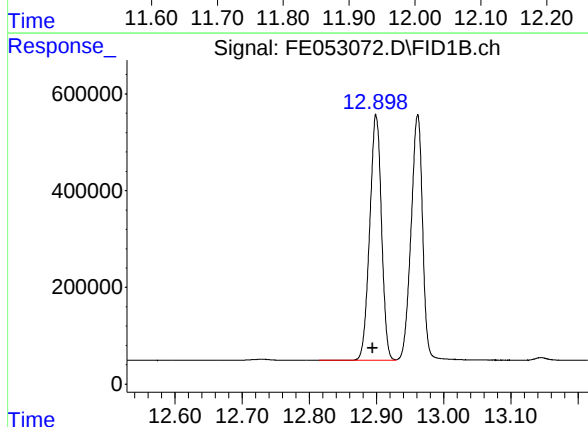
#9 ortho-Terphenyl (SURR)

R.T.: 11.900 min
Delta R.T.: 0.005 min
Response: 6480100
Conc: 39.78 ug/ml

Instrument :
FID_E
ClientSampleId :
PB167382BS

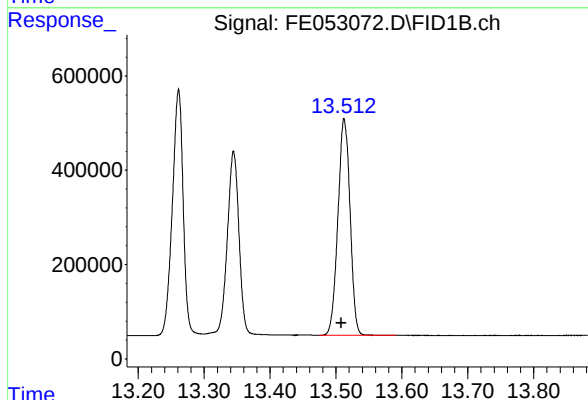
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/01/2025
Supervised By :mohammad ahmed 04/02/2025



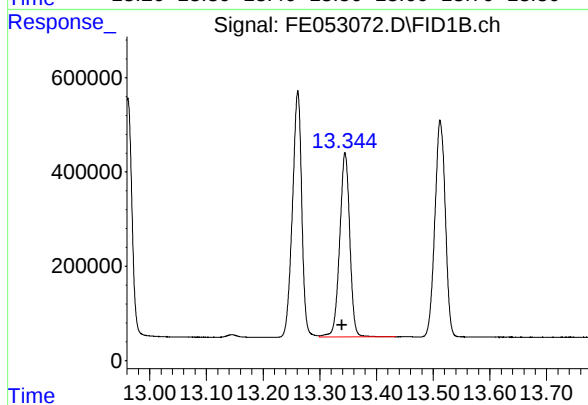
#10 n-Eicosane (C20)

R.T.: 12.899 min
Delta R.T.: 0.005 min
Response: 6186452
Conc: 43.39 ug/ml



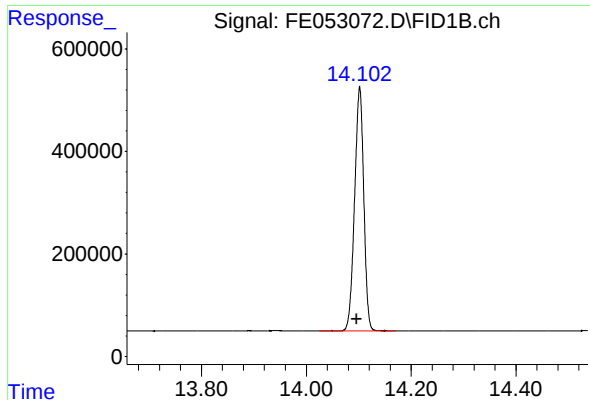
#11 n-Heneicosane (C21)

R.T.: 13.513 min
Delta R.T.: 0.005 min
Response: 5879319
Conc: 42.37 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.345 min
Delta R.T.: 0.005 min
Response: 4851572
Conc: 40.41 ug/ml



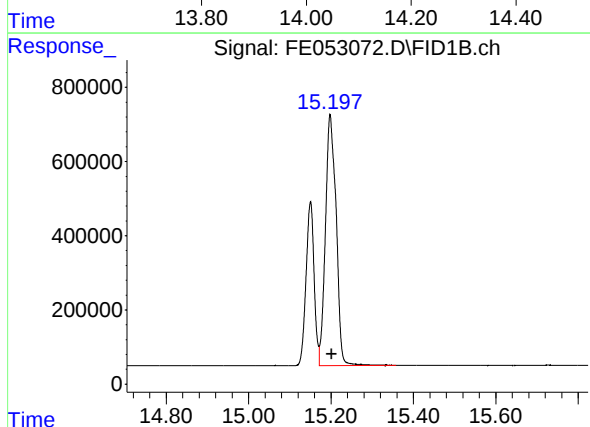
#13 n-Docosane (C22)

R.T.: 14.102 min
Delta R.T.: 0.006 min
Response: 5796376
Conc: 42.32 ug/ml

Instrument :
FID_E
ClientSampleId :
PB167382BS

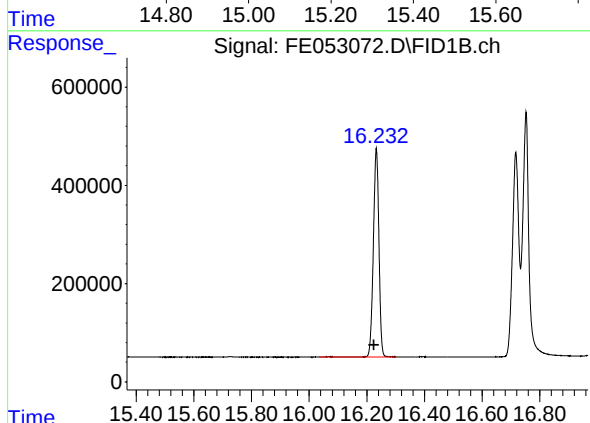
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/01/2025
Supervised By :mohammad ahmed 04/02/2025



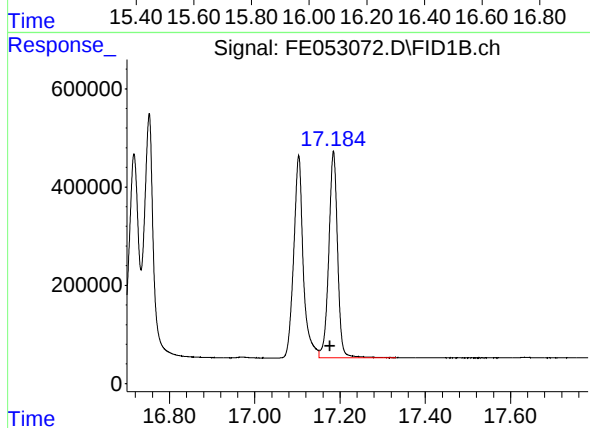
#14 n-Tetracosane (C24)

R.T.: 15.198 min
Delta R.T.: -0.003 min
Response: 12165576
Conc: 90.08 ug/ml



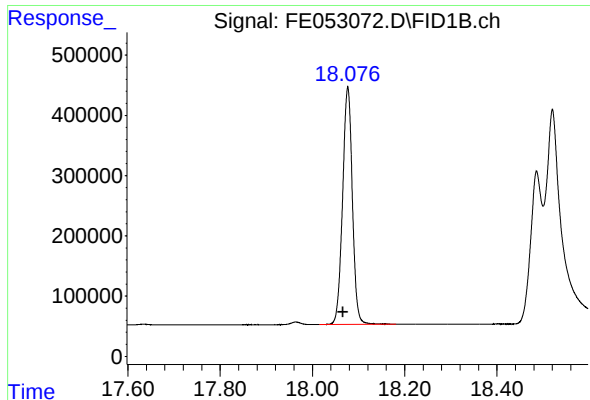
#15 n-Hexacosane (C26)

R.T.: 16.233 min
Delta R.T.: 0.008 min
Response: 5671138
Conc: 42.51 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.185 min
Delta R.T.: 0.008 min
Response: 6021781
Conc: 45.63 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.077 min
Delta R.T.: 0.010 min
Response: 5791170
Conc: 42.73 ug/ml

Instrument :

FID_E

ClientSampleId :

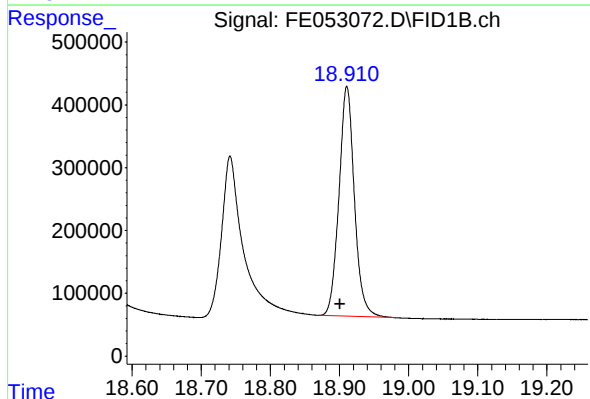
PB167382BS

Manual Integrations

APPROVED

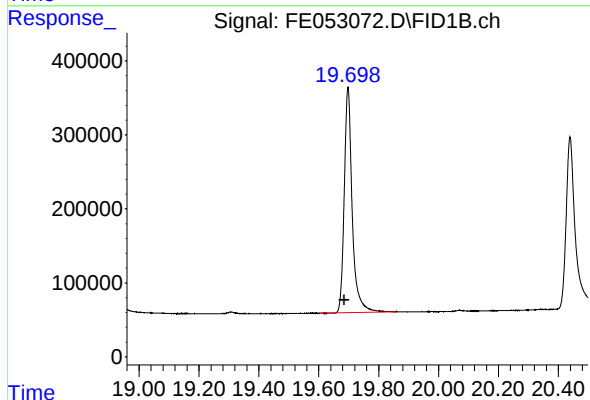
Reviewed By :Yogesh Patel 04/01/2025

Supervised By :mohammad ahmed 04/02/2025



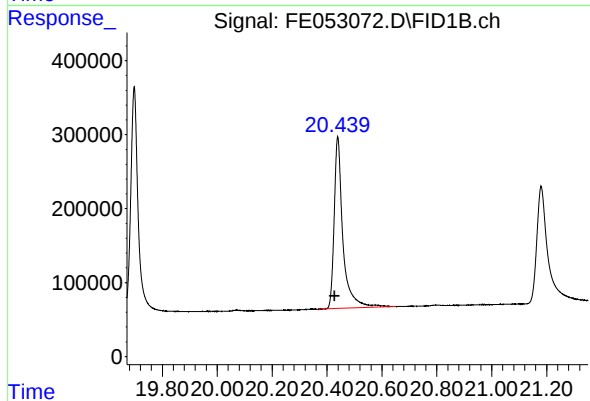
#18 n-Dotriacontane (C32)

R.T.: 18.910 min
Delta R.T.: 0.010 min
Response: 5678080
Conc: 42.20 ug/ml m



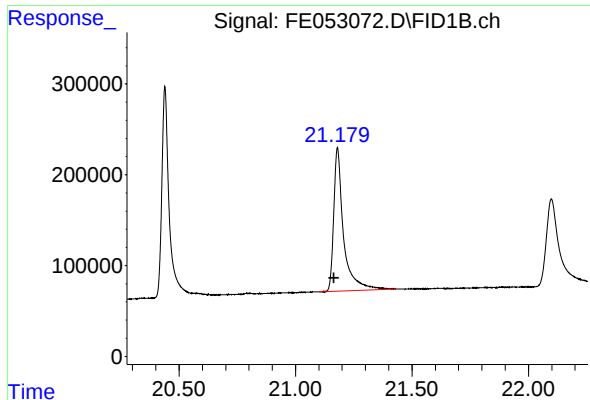
#19 n-Tetratriacontane (C34)

R.T.: 19.698 min
Delta R.T.: 0.012 min
Response: 5619862
Conc: 43.43 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.439 min
Delta R.T.: 0.011 min
Response: 5140386
Conc: 43.27 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.180 min
Delta R.T.: 0.015 min
Response: 4626671
Conc: 40.25 ug/ml

Instrument :

FID_E

ClientSampleId :

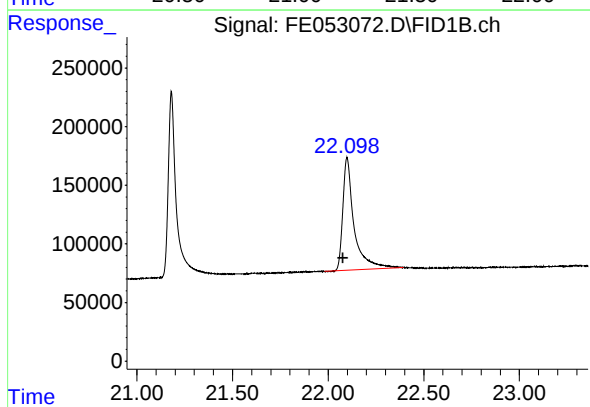
PB167382BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/01/2025

Supervised By :mohammad ahmed 04/02/2025



#22 n-Tetracontane (C40)

R.T.: 22.098 min
Delta R.T.: 0.020 min
Response: 3942858
Conc: 35.11 ug/ml