

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE022425AL\
 Data File : FE052474.D
 Signal(s) : FID1B.ch
 Acq On : 24 Feb 2025 18:50
 Operator : YP\AJ
 Sample : Q1411-03MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

HR-03-02212025MSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 02/25/2025

Supervised By :Ankita Jodhani 02/25/2025

Integration File: autoint1.e

Quant Time: Feb 25 00:29:55 2025

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 021325.M

Quant Title : GC Extractables

QLast Update : Fri Feb 14 00:50:00 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)	11.919	4827671	25.826 ug/ml
Spiked Amount 50.000		Recovery =	51.65%
12) S 1-chlorooctadecane (S...	13.364	3908461	28.119 ug/mlm
Spiked Amount 50.000		Recovery =	56.24%
Target Compounds			
1) T n-Nonane (C9)	3.259	4462087	29.069 ug/ml
2) T n-Decane (C10)	4.521	4946769	31.672 ug/ml
3) T A~Naphthalene (C11.7)	6.233	5988550	34.662 ug/ml
4) T n-Dodecane (C12)	6.701	5355368	33.929 ug/ml
5) T A~2-methylnaphthalene...	7.336	5862410	34.906 ug/ml
6) T n-Tetradecane (C14)	8.540	6052434	38.425 ug/ml
7) T n-Hexadecane (C16)	10.154	6301121	38.553 ug/ml
8) T n-Octadecane (C18)	11.604	6292619	38.031 ug/ml
10) T n-Eicosane (C20)	12.919	6394289	40.109 ug/ml
11) T n-Heneicosane (C21)	13.533	6045831	38.589 ug/ml
13) T n-Docosane (C22)	14.121	6018382	38.457 ug/ml
14) T n-Tetracosane (C24)	15.215	12229903	77.764 ug/ml
15) T n-Hexacosane (C26)	16.255	5829745	37.638 ug/ml
16) T n-Octacosane (C28)	17.206	5958696	38.955 ug/ml
17) T n-Tricontane (C30)	18.099	6139600	39.332 ug/ml
18) T n-Dotriacontane (C32)	18.933	5675704	37.091 ug/ml
19) T n-Tetratriacontane (C34)	19.720	5796103	40.742 ug/ml
20) T n-Hexatriacontane (C36)	20.462	5491842	44.063 ug/ml
21) T n-Octatriacontane (C38)	21.207	5392024	49.331 ug/ml
22) T n-Tetracontane (C40)	22.136	6311563	62.746 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE022425AL\
Data File : FE052474.D
Signal(s) : FID1B.ch
Acq On : 24 Feb 2025 18:50
Operator : YP\AJ
Sample : Q1411-03MSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

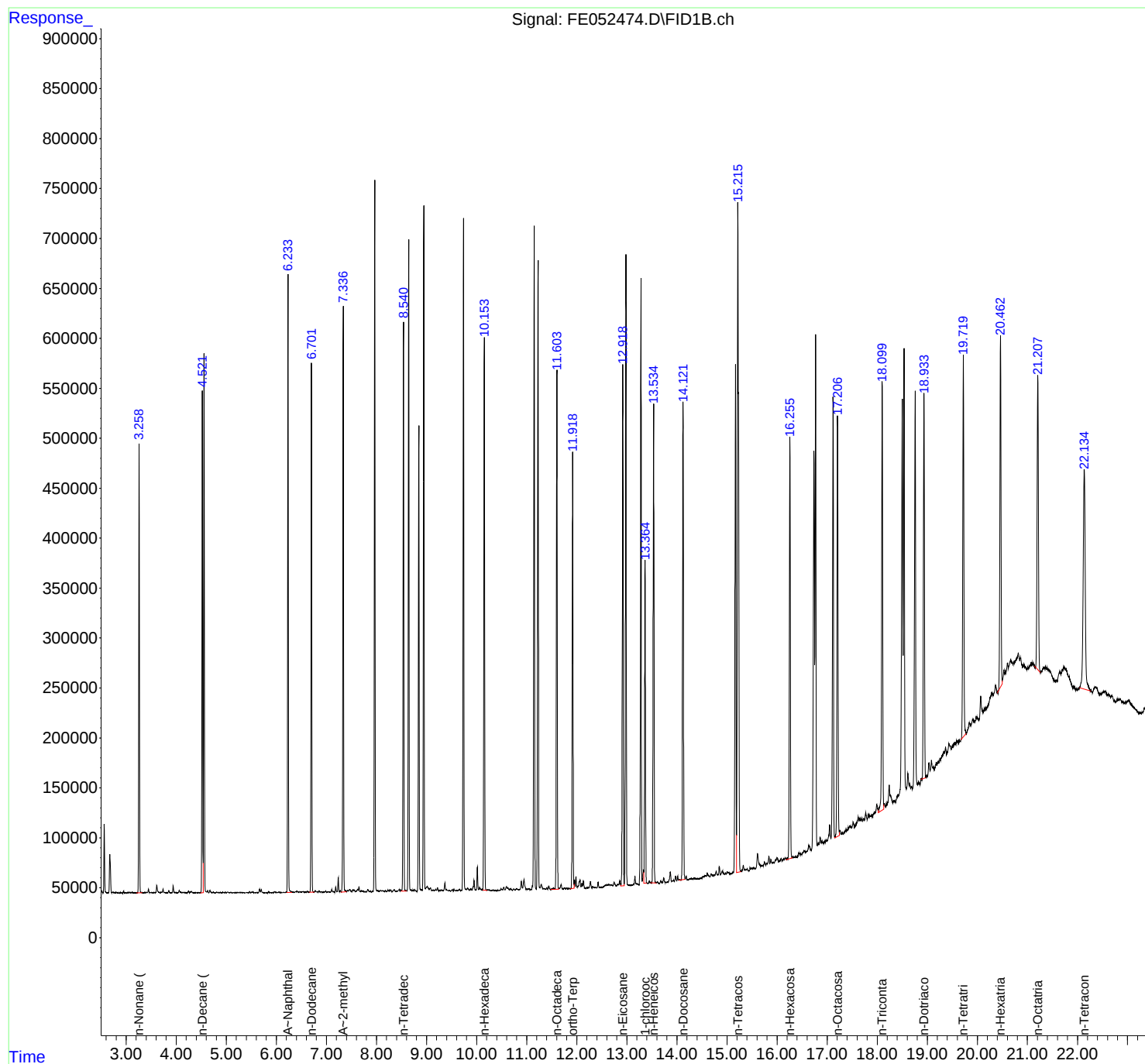
Instrument :
FID_E
ClientSampleId :
HR-03-02212025MSD

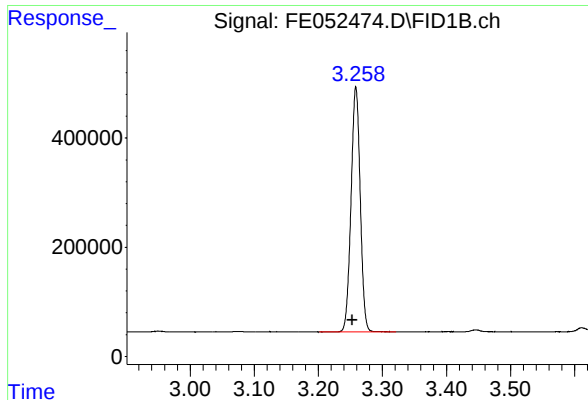
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/25/2025
Supervised By :Ankita Jodhani 02/25/2025

Integration File: autoint1.e
Quant Time: Feb 25 00:29:55 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 021325.
Quant Title : GC Extractables
QLast Update : Fri Feb 14 00:50:00 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.: 3.259 min
Delta R.T.: 0.006 min
Response: 4462087
Conc: 29.07 ug/ml

Instrument :

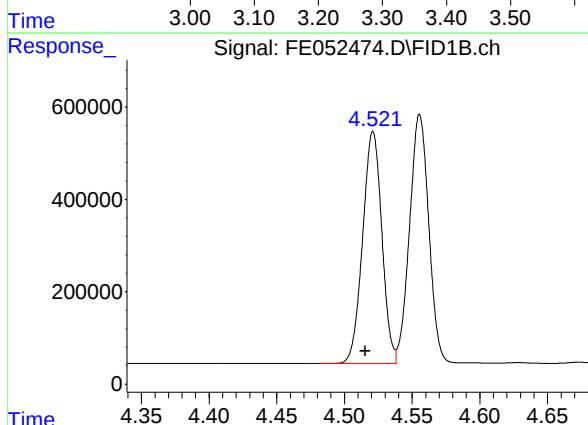
FID_E

ClientSampleId :

HR-03-02212025MSD

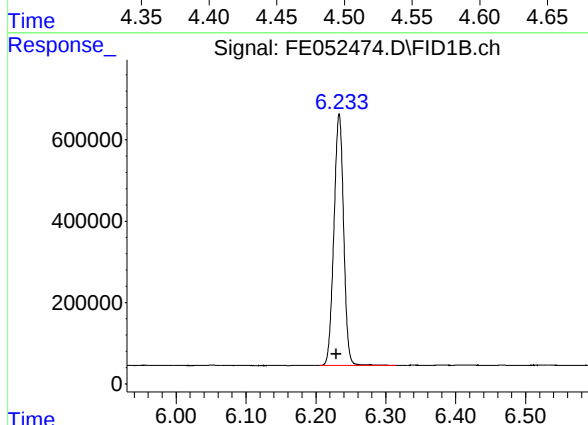
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/25/2025
Supervised By :Ankita Jodhani 02/25/2025



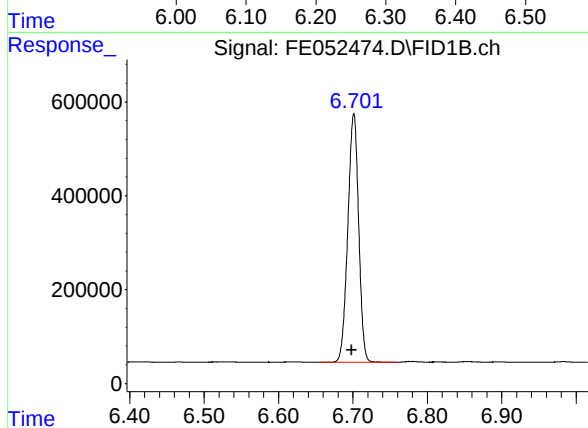
#2 n-Decane (C10)

R.T.: 4.521 min
Delta R.T.: 0.006 min
Response: 4946769
Conc: 31.67 ug/ml



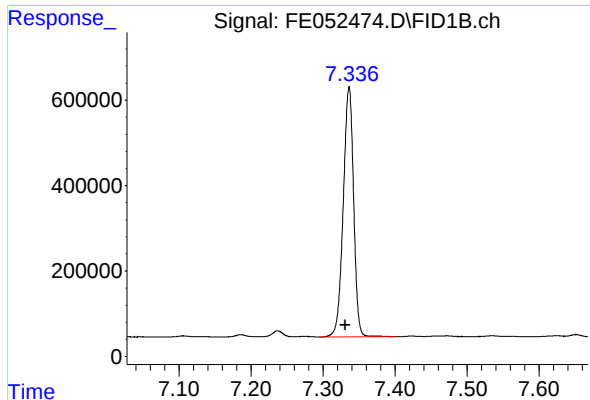
#3 A~Naphthalene (C11.7)

R.T.: 6.233 min
Delta R.T.: 0.004 min
Response: 5988550
Conc: 34.66 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.701 min
Delta R.T.: 0.003 min
Response: 5355368
Conc: 33.93 ug/ml



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

R.T.: 7.336 min
Delta R.T.: 0.005 min
Response: 5862410
Conc: 34.91 ug/ml

Instrument :

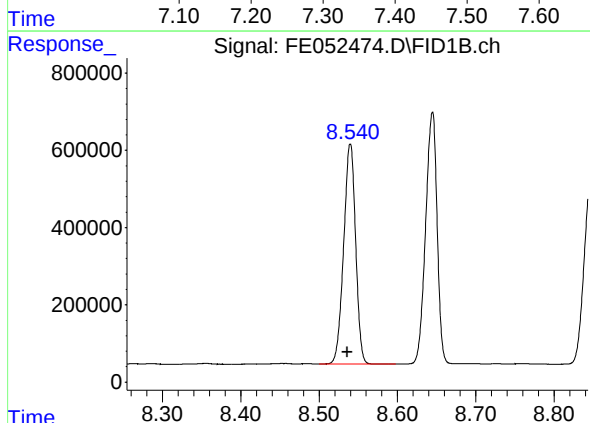
FID_E

ClientSampleId :

HR-03-02212025MSD

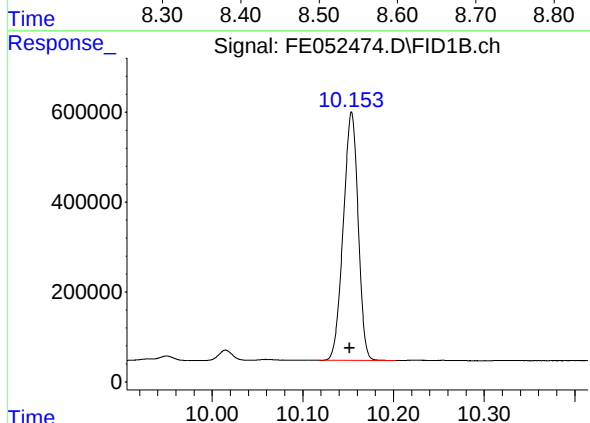
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/25/2025
Supervised By :Ankita Jodhani 02/25/2025



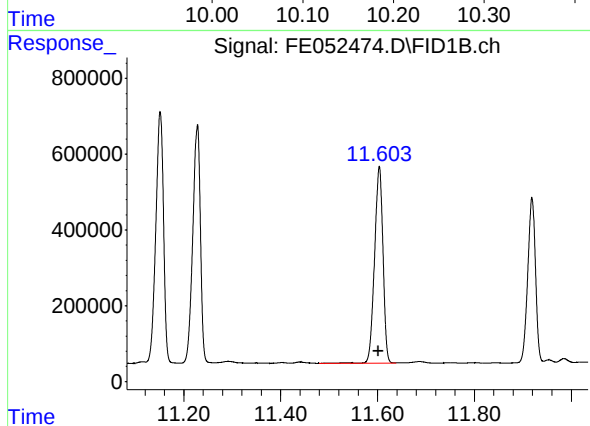
#6 n-Tetradecane (C14)

R.T.: 8.540 min
Delta R.T.: 0.004 min
Response: 6052434
Conc: 38.42 ug/ml



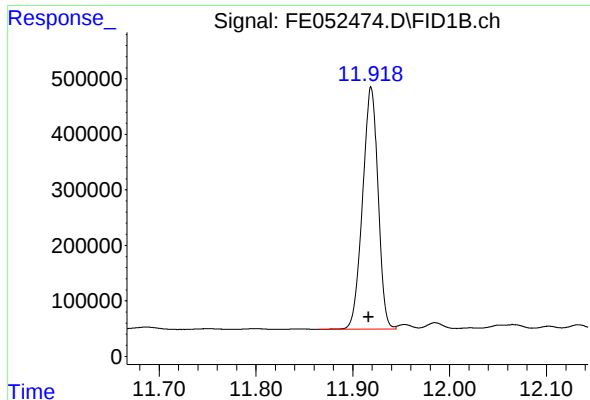
#7 n-Hexadecane (C16)

R.T.: 10.154 min
Delta R.T.: 0.002 min
Response: 6301121
Conc: 38.55 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.604 min
Delta R.T.: 0.002 min
Response: 6292619
Conc: 38.03 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.919 min
Delta R.T.: 0.002 min
Response: 4827671
Conc: 25.83 ug/ml

Instrument :

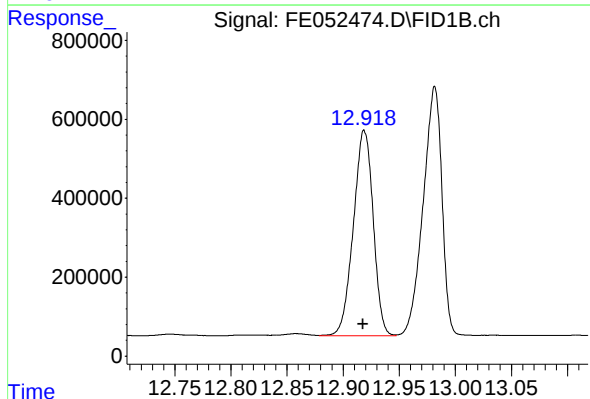
FID_E

ClientSampleId :

HR-03-02212025MSD

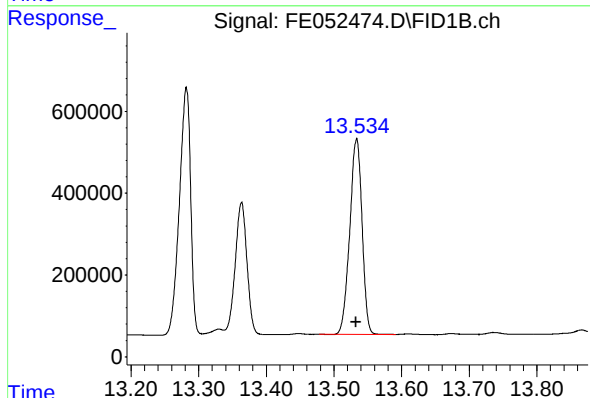
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/25/2025
Supervised By :Ankita Jodhani 02/25/2025



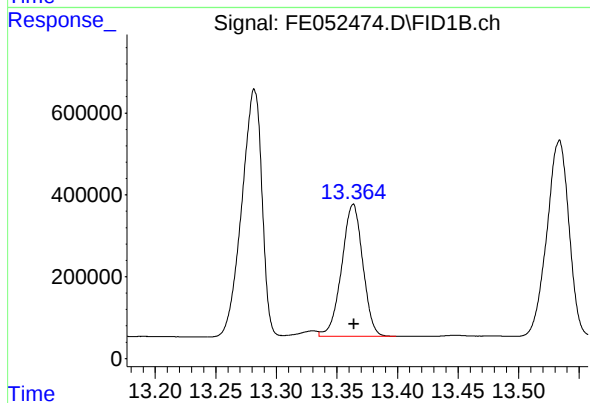
#10 n-Eicosane (C20)

R.T.: 12.919 min
Delta R.T.: 0.001 min
Response: 6394289
Conc: 40.11 ug/ml



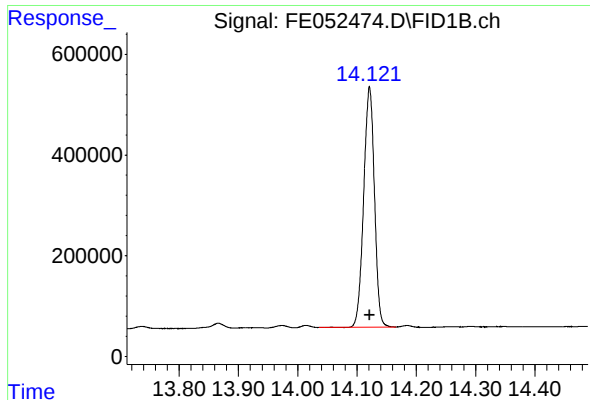
#11 n-Heneicosane (C21)

R.T.: 13.533 min
Delta R.T.: 0.001 min
Response: 6045831
Conc: 38.59 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.364 min
Delta R.T.: 0.000 min
Response: 3908461
Conc: 28.12 ug/ml m



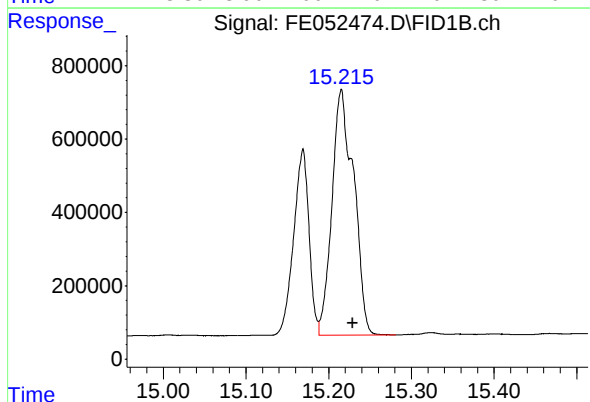
#13 n-Docosane (C22)

R.T.: 14.121 min
Delta R.T.: 0.000 min
Response: 6018382
Conc: 38.46 ug/ml

Instrument : FID_E
ClientSampleId : HR-03-02212025MSD

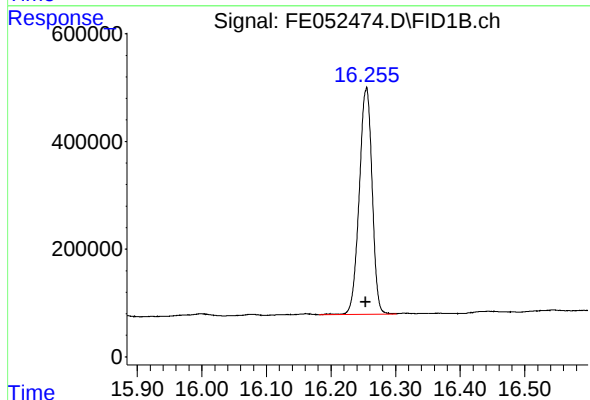
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/25/2025
Supervised By :Ankita Jodhani 02/25/2025



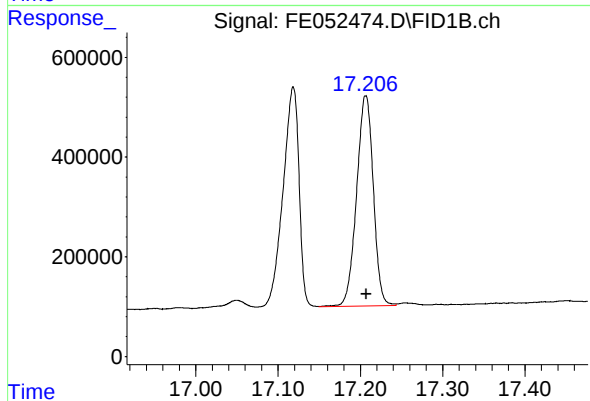
#14 n-Tetracosane (C24)

R.T.: 15.215 min
Delta R.T.: -0.014 min
Response: 12229903
Conc: 77.76 ug/ml



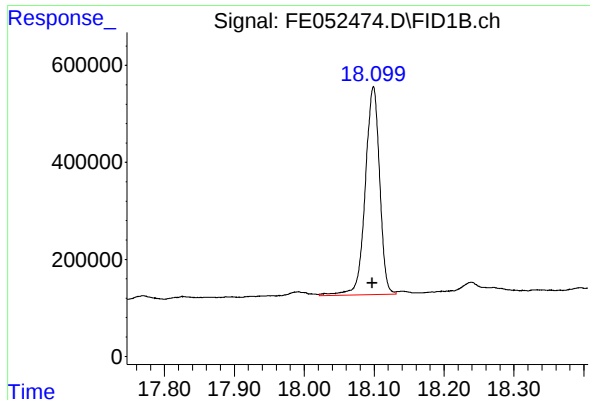
#15 n-Hexacosane (C26)

R.T.: 16.255 min
Delta R.T.: 0.000 min
Response: 5829745
Conc: 37.64 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.206 min
Delta R.T.: -0.001 min
Response: 5958696
Conc: 38.96 ug/ml



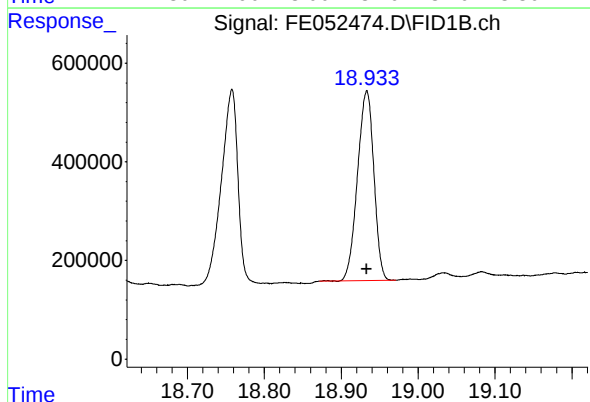
#17 n-Tricontane (C30)

R.T.: 18.099 min
Delta R.T.: 0.001 min
Response: 6139600
Conc: 39.33 ug/ml

Instrument : FID_E
ClientSampleId : HR-03-02212025MSD

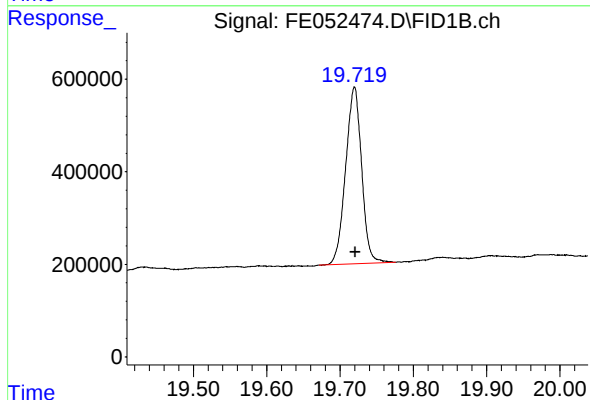
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/25/2025
Supervised By :Ankita Jodhani 02/25/2025



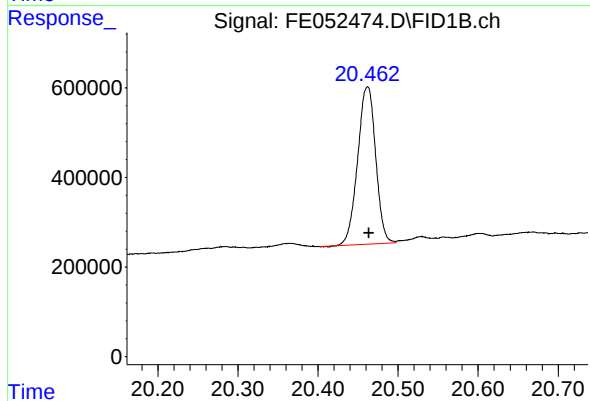
#18 n-Dotriacontane (C32)

R.T.: 18.933 min
Delta R.T.: 0.000 min
Response: 5675704
Conc: 37.09 ug/ml



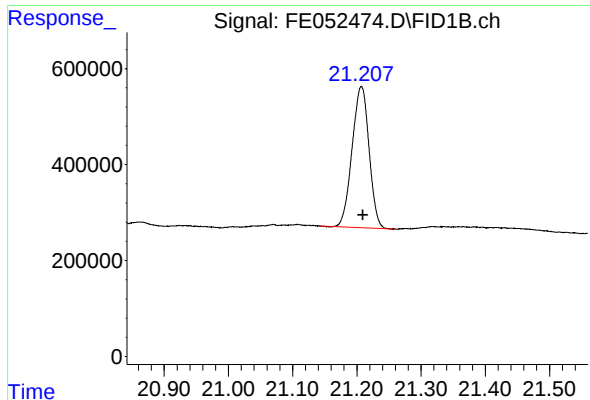
#19 n-Tetratriacontane (C34)

R.T.: 19.720 min
Delta R.T.: -0.001 min
Response: 5796103
Conc: 40.74 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.462 min
Delta R.T.: -0.002 min
Response: 5491842
Conc: 44.06 ug/ml



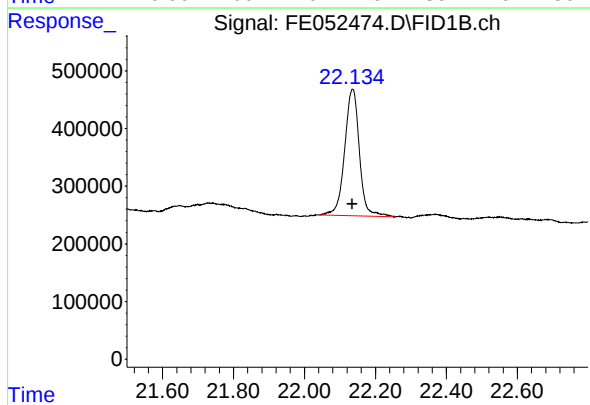
#21 n-Octatriacontane (C38)

R.T.: 21.207 min
Delta R.T.: -0.003 min
Response: 5392024
Conc: 49.33 ug/ml

Instrument : FID_E
ClientSampleId : HR-03-02212025MSD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/25/2025
Supervised By :Ankita Jodhani 02/25/2025



#22 n-Tetracontane (C40)

R.T.: 22.136 min
Delta R.T.: 0.000 min
Response: 6311563
Conc: 62.75 ug/ml