

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE102124AL\
 Data File : FE050752.D
 Signal(s) : FID1B.ch
 Acq On : 21 Oct 2024 20:38
 Operator : YP\AJ
 Sample : P4458-01MSD
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

280517MSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 10/22/2024

Supervised By :Ankita Jodhani 10/22/2024

Integration File: autoint1.e

Quant Time: Oct 22 04:49:18 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 100824.M

Quant Title : GC Extractables

QLast Update : Mon Oct 07 16:32:18 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)	11.866	3893937	24.699 ug/ml
Spiked Amount 50.000		Recovery =	49.40%
12) S 1-chlorooctadecane (S...	13.299	3289490	27.808 ug/ml
Spiked Amount 50.000		Recovery =	55.62%
Target Compounds			
1) T n-Nonane (C9)	3.251	3671790	25.988 ug/ml
2) T n-Decane (C10)	4.503	4126563	28.761 ug/ml
3) T A~Naphthalene (C11.7)	6.214	4637761	32.434 ug/ml
4) T n-Dodecane (C12)	6.671	4559452	31.677 ug/ml
5) T A~2-methylnaphthalene...	7.311	4379712	33.059 ug/ml
6) T n-Tetradecane (C14)	8.499	4985044	34.844 ug/ml
7) T n-Hexadecane (C16)	10.104	5263232	35.763 ug/ml
8) T n-Octadecane (C18)	11.546	5462545	36.571 ug/ml
10) T n-Eicosane (C20)	12.854	5598875	39.044 ug/ml
11) T n-Heneicosane (C21)	13.465	5492456	39.111 ug/ml
13) T n-Docosane (C22)	14.051	5470872	38.995 ug/ml
14) T n-Tetracosane (C24)	15.154	10639743	75.311 ug/ml
15) T n-Hexacosane (C26)	16.174	5393918	38.332 ug/mlm
16) T n-Octacosane (C28)	17.122	5968782	40.790 ug/ml
17) T n-Tricontane (C30)	18.010	5784195	36.378 ug/ml
18) T n-Dotriacontane (C32)	18.842	5826314	35.940 ug/ml
19) T n-Tetratriacontane (C34)	19.626	6152807	41.887 ug/ml
20) T n-Hexatriacontane (C36)	20.366	6213037	48.993 ug/ml
21) T n-Octatriacontane (C38)	21.094	6660605	53.868 ug/ml
22) T n-Tetracontane (C40)	21.986	6099497	54.777 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE102124AL\
Data File : FE050752.D
Signal(s) : FID1B.ch
Acq On : 21 Oct 2024 20:38
Operator : YP\AJ
Sample : P4458-01MSD
Misc :
ALS Vial : 25 Sample Multiplier: 1

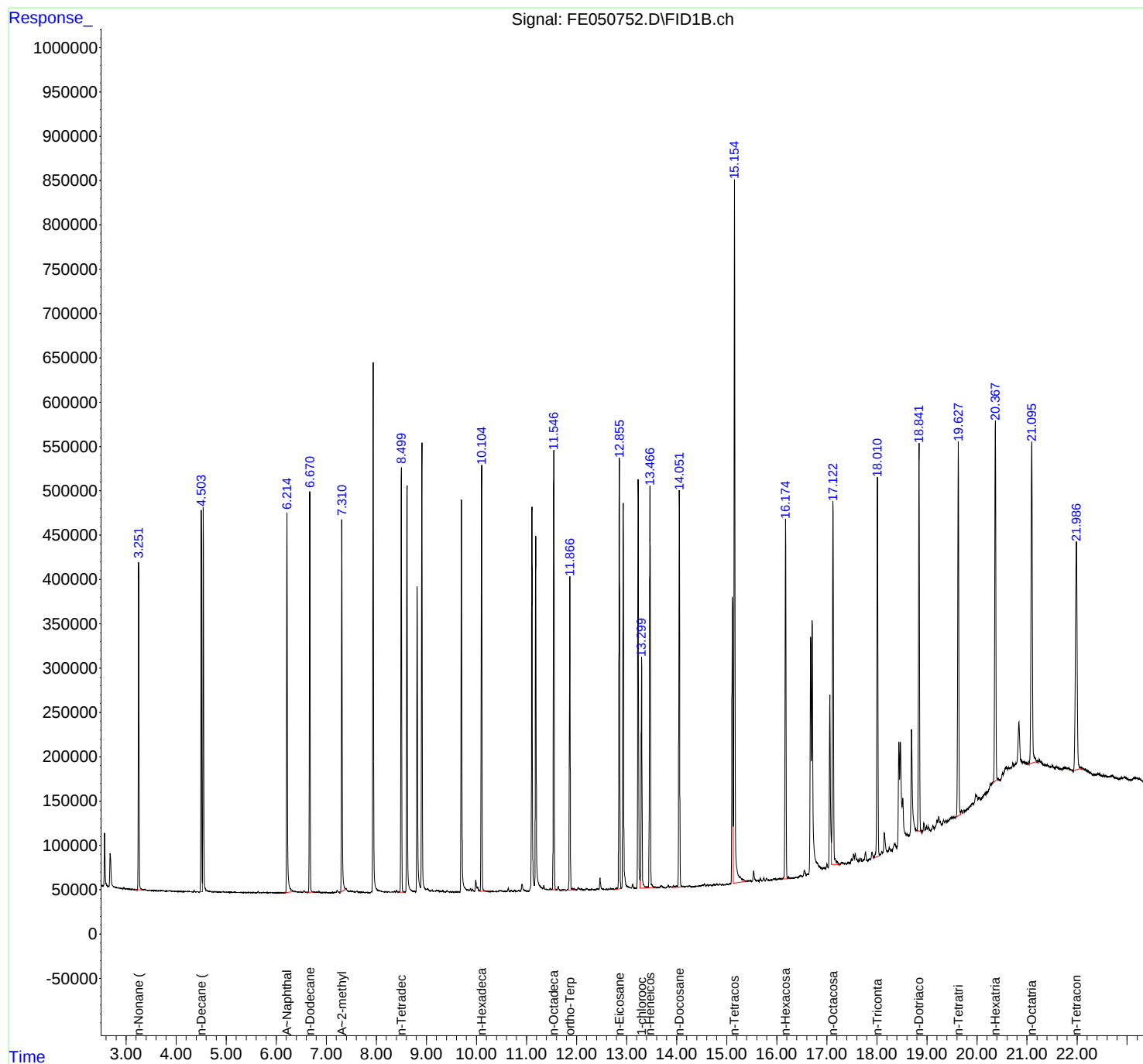
Instrument :
FID_E
ClientSampleId :
280517MSD

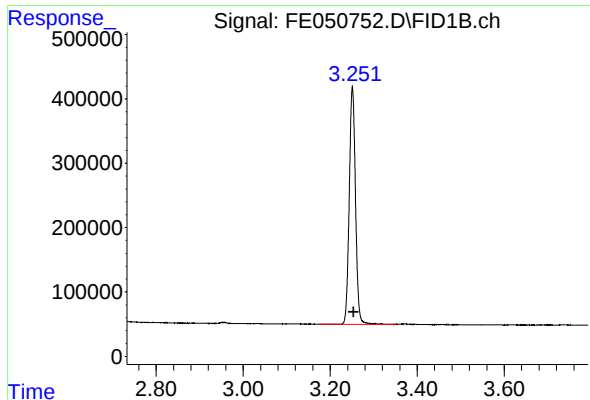
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/22/2024
Supervised By :Ankita Jodhani 10/22/2024

Integration File: autoint1.e
Quant Time: Oct 22 04:49:18 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 100824.
Quant Title : GC Extractables
QLast Update : Mon Oct 07 16:32:18 2024
Response via : Initial Calibration
Integrator: ChemStation

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





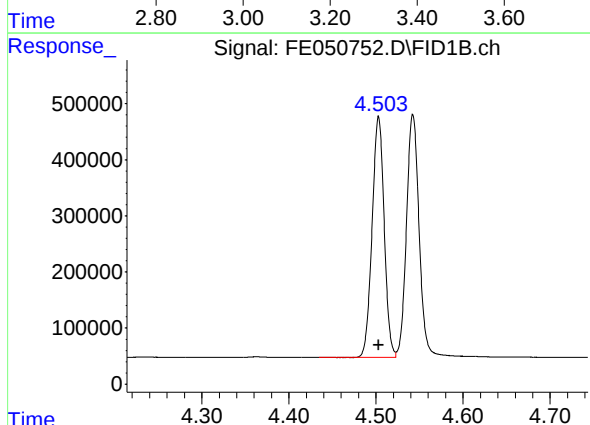
#1 n-Nonane (C9)

R.T.: 3.251 min
Delta R.T.: -0.003 min
Response: 3671790
Conc: 25.99 ug/ml

Instrument :
FID_E
ClientSampleId :
280517MSD

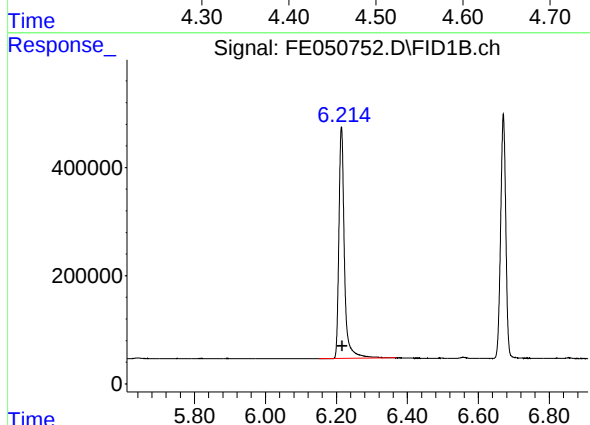
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/22/2024
Supervised By :Ankita Jodhani 10/22/2024



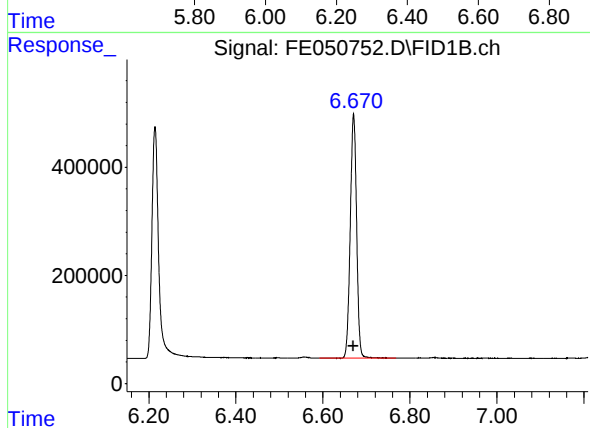
#2 n-Decane (C10)

R.T.: 4.503 min
Delta R.T.: 0.000 min
Response: 4126563
Conc: 28.76 ug/ml



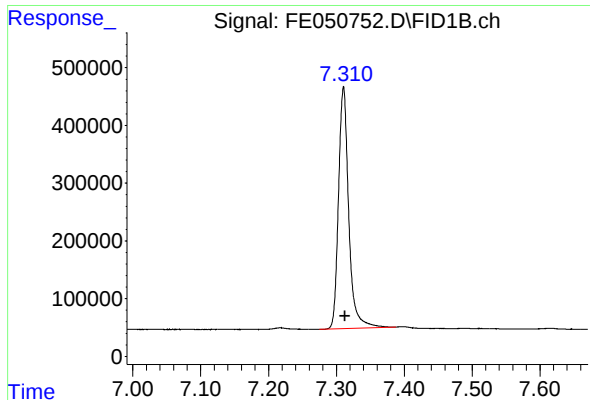
#3 A~Naphthalene (C11.7)

R.T.: 6.214 min
Delta R.T.: -0.002 min
Response: 4637761
Conc: 32.43 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.671 min
Delta R.T.: 0.000 min
Response: 4559452
Conc: 31.68 ug/ml



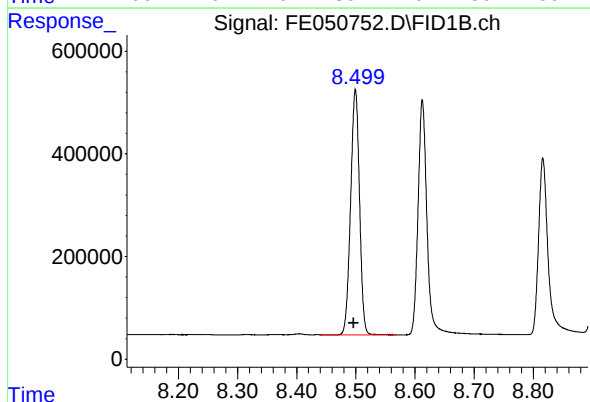
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.311 min
Delta R.T.: -0.002 min
Response: 4379712
Conc: 33.06 ug/ml

Instrument :
FID_E
ClientSampleId :
280517MSD

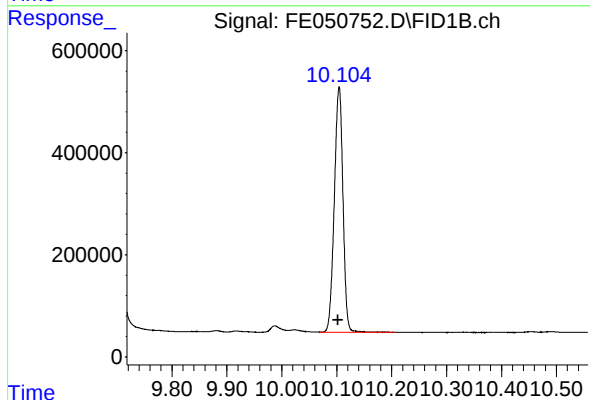
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/22/2024
Supervised By :Ankita Jodhani 10/22/2024



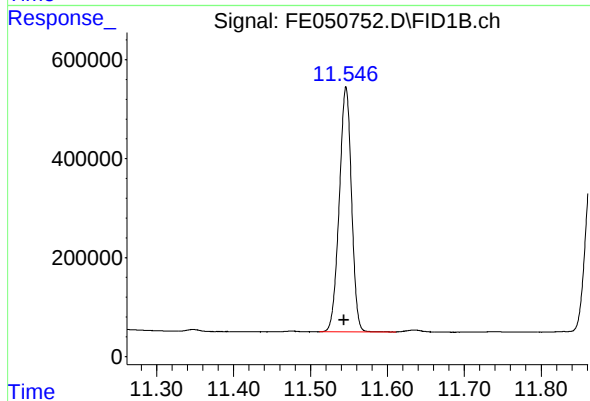
#6 n-Tetradecane (C14)

R.T.: 8.499 min
Delta R.T.: 0.003 min
Response: 4985044
Conc: 34.84 ug/ml



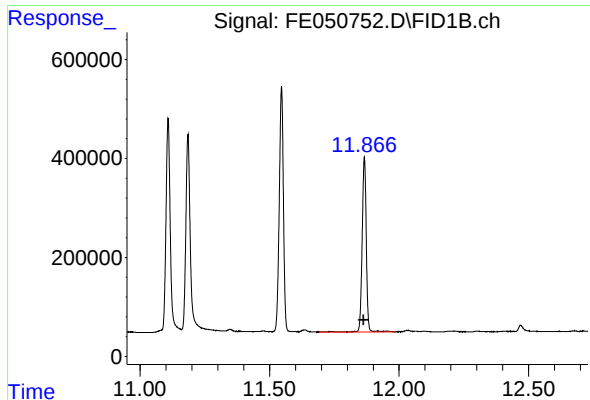
#7 n-Hexadecane (C16)

R.T.: 10.104 min
Delta R.T.: 0.002 min
Response: 5263232
Conc: 35.76 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.546 min
Delta R.T.: 0.002 min
Response: 5462545
Conc: 36.57 ug/ml



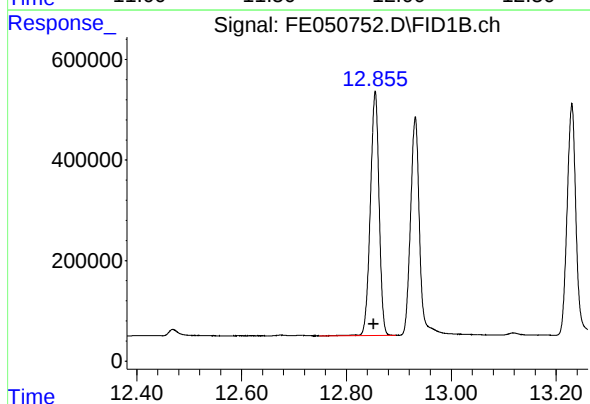
#9 ortho-Terphenyl (SURR)

R.T.: 11.866 min
Delta R.T.: 0.002 min
Response: 3893937
Conc: 24.70 ug/ml

Instrument :
FID_E
ClientSampleId :
280517MSD

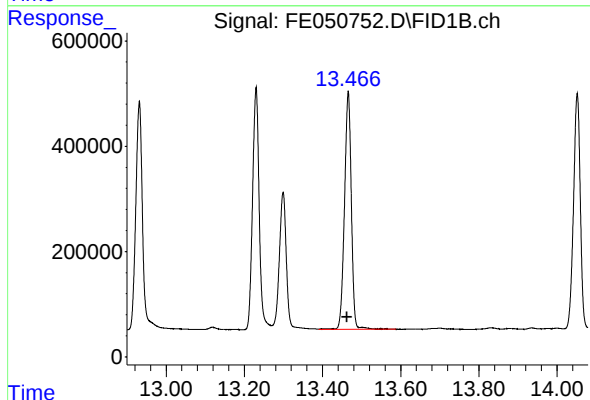
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/22/2024
Supervised By :Ankita Jodhani 10/22/2024



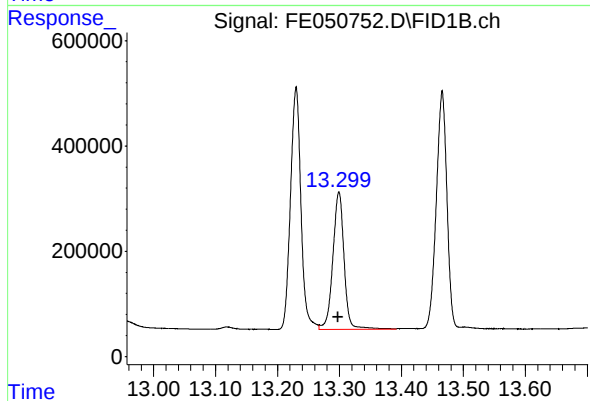
#10 n-Eicosane (C20)

R.T.: 12.854 min
Delta R.T.: 0.003 min
Response: 5598875
Conc: 39.04 ug/ml



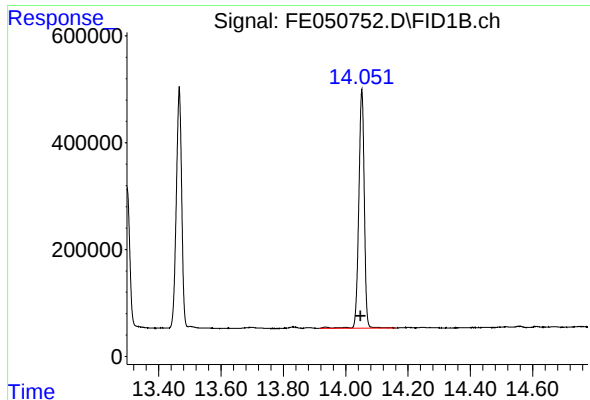
#11 n-Heneicosane (C21)

R.T.: 13.465 min
Delta R.T.: 0.003 min
Response: 5492456
Conc: 39.11 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.299 min
Delta R.T.: 0.000 min
Response: 3289490
Conc: 27.81 ug/ml



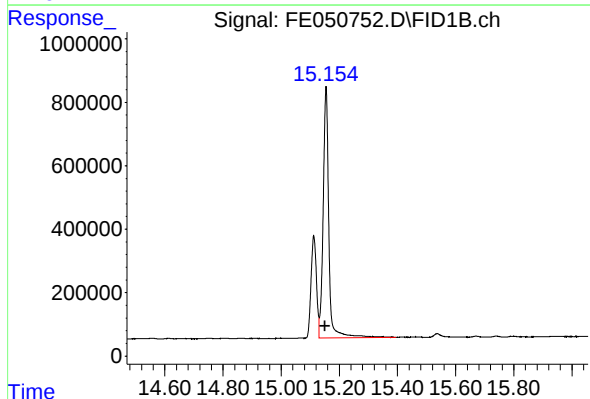
#13 n-Docosane (C22)

R.T.: 14.051 min
Delta R.T.: 0.003 min
Response: 5470872
Conc: 39.00 ug/ml

Instrument :
FID_E
ClientSampleId :
280517MSD

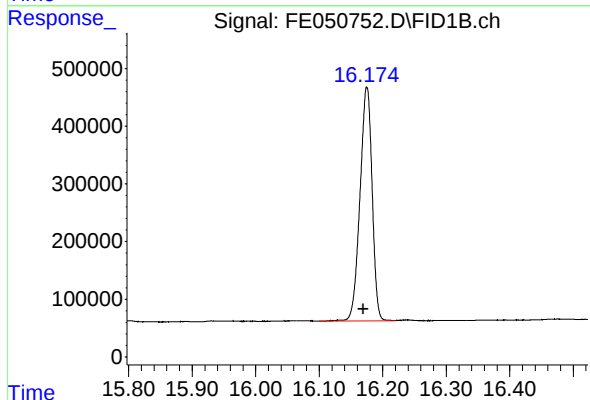
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/22/2024
Supervised By :Ankita Jodhani 10/22/2024



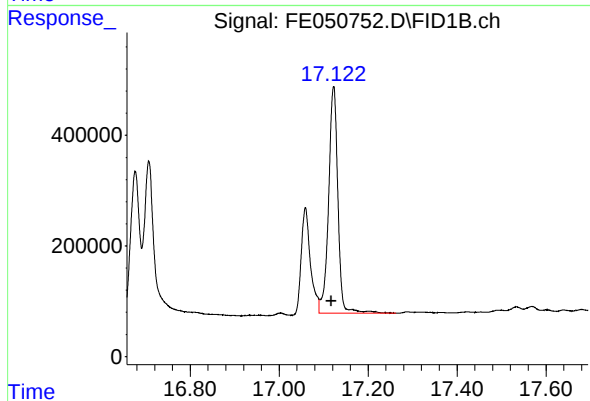
#14 n-Tetracosane (C24)

R.T.: 15.154 min
Delta R.T.: 0.004 min
Response: 10639743
Conc: 75.31 ug/ml



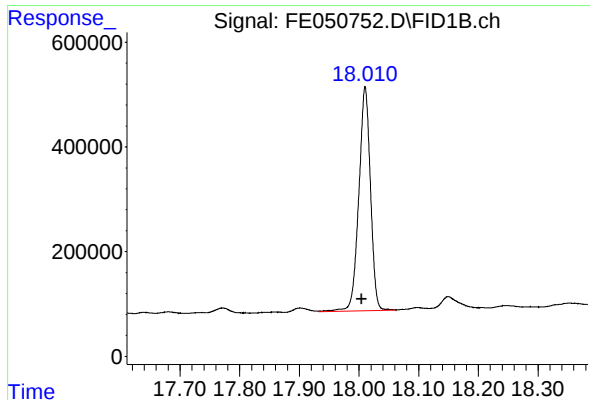
#15 n-Hexacosane (C26)

R.T.: 16.174 min
Delta R.T.: 0.005 min
Response: 5393918
Conc: 38.33 ug/ml m



#16 n-Octacosane (C28)

R.T.: 17.122 min
Delta R.T.: 0.005 min
Response: 5968782
Conc: 40.79 ug/ml



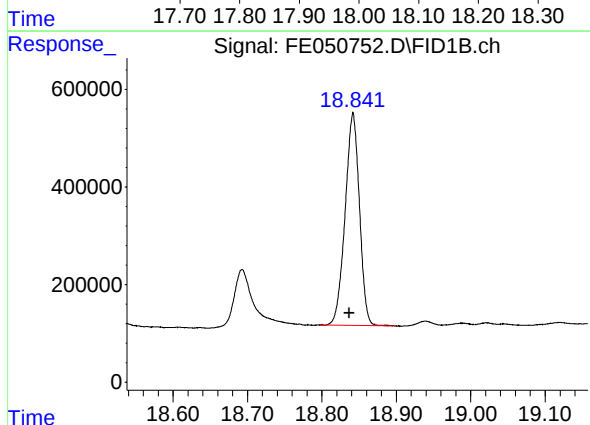
#17 n-Tricontane (C30)

R.T.: 18.010 min
Delta R.T.: 0.006 min
Response: 5784195
Conc: 36.38 ug/ml

Instrument :
FID_E
ClientSampleId :
280517MSD

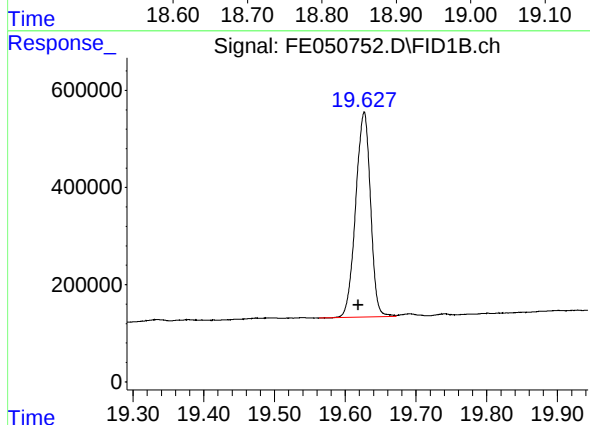
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/22/2024
Supervised By :Ankita Jodhani 10/22/2024



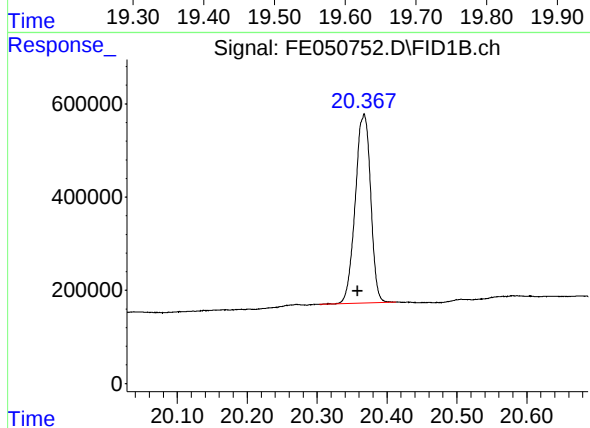
#18 n-Dotriacontane (C32)

R.T.: 18.842 min
Delta R.T.: 0.005 min
Response: 5826314
Conc: 35.94 ug/ml



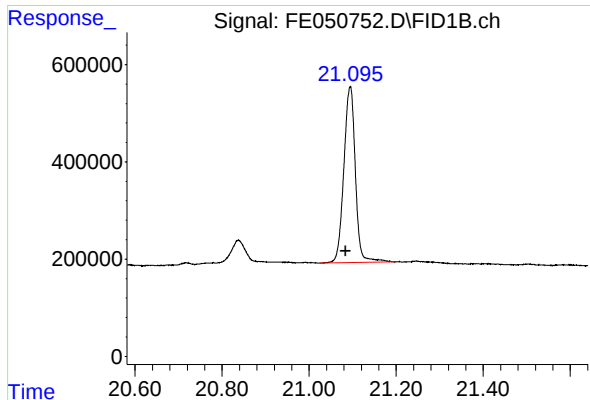
#19 n-Tetratriacontane (C34)

R.T.: 19.626 min
Delta R.T.: 0.007 min
Response: 6152807
Conc: 41.89 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.366 min
Delta R.T.: 0.008 min
Response: 6213037
Conc: 48.99 ug/ml



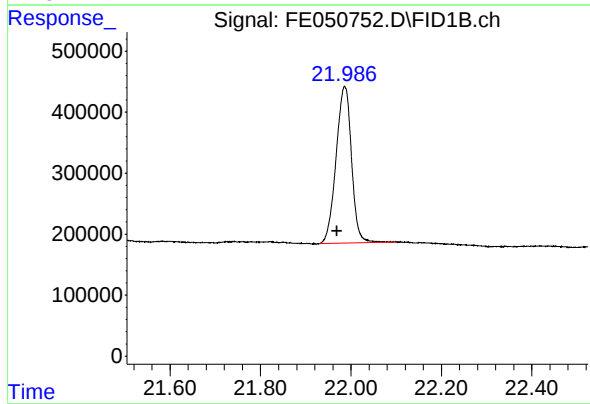
#21 n-Octatriacontane (C38)

R.T.: 21.094 min
Delta R.T.: 0.009 min
Response: 6660605
Conc: 53.87 ug/ml

Instrument :
FID_E
ClientSampleId :
280517MSD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/22/2024
Supervised By :Ankita Jodhani 10/22/2024



#22 n-Tetracontane (C40)

R.T.: 21.986 min
Delta R.T.: 0.017 min
Response: 6099497
Conc: 54.78 ug/ml