

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE042524AL\
 Data File : FE047806.D
 Signal(s) : FID1B.ch
 Acq On : 25 Apr 2024 17:42
 Operator : YP\AJ
 Sample : P2258-01MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 OR-03-042424MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/26/2024
 Supervised By :Ankita Jodhani 04/26/2024

Integration File: autoint1.e
 Quant Time: Apr 26 02:14:22 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 040224.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 02 05:28:28 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)	11.975	4395799	25.344 ug/ml
Spiked Amount 50.000		Recovery =	50.69%
12) S 1-chlorooctadecane (S...	13.409	3833864	28.505 ug/ml
Spiked Amount 50.000		Recovery =	57.01%
Target Compounds			
1) T n-Nonane (C9)	3.354	3252354	20.789 ug/ml
2) T n-Decane (C10)	4.607	3667726	22.821 ug/ml
3) T A~Naphthalene (C11.7)	6.315	4041551	23.836 ug/ml
4) T n-Dodecane (C12)	6.774	4189358	25.811 ug/ml
5) T A~2-methylnaphthalene...	7.411	4340580	26.431 ug/ml
6) T n-Tetradecane (C14)	8.603	4817261	29.944 ug/ml
7) T n-Hexadecane (C16)	10.210	5125343	30.861 ug/ml
8) T n-Octadecane (C18)	11.653	5221453	31.136 ug/ml
10) T n-Eicosane (C20)	12.964	5311463	32.786 ug/ml
11) T n-Heneicosane (C21)	13.575	4965006	31.290 ug/ml
13) T n-Docosane (C22)	14.162	4948470	30.835 ug/ml
14) T n-Tetracosane (C24)	15.258	8247228	49.964 ug/ml
15) T n-Hexacosane (C26)	16.285	4782046	28.930 ug/ml
16) T n-Octacosane (C28)	17.234	5193594	31.340 ug/ml
17) T n-Tricontane (C30)	18.123	5161425	30.401 ug/ml
18) T n-Dotriacontane (C32)	18.955	4892786	29.342 ug/mlm
19) T n-Tetratriacontane (C34)	19.740	5028601	31.353 ug/mlm
20) T n-Hexatriacontane (C36)	20.479	5117914	32.088 ug/ml
21) T n-Octatriacontane (C38)	21.224	5094541	31.346 ug/ml
22) T n-Tetracontane (C40)	22.157	4925797	30.086 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE042524AL\
Data File : FE047806.D
Signal(s) : FID1B.ch
Acq On : 25 Apr 2024 17:42
Operator : YP\AJ
Sample : P2258-01MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

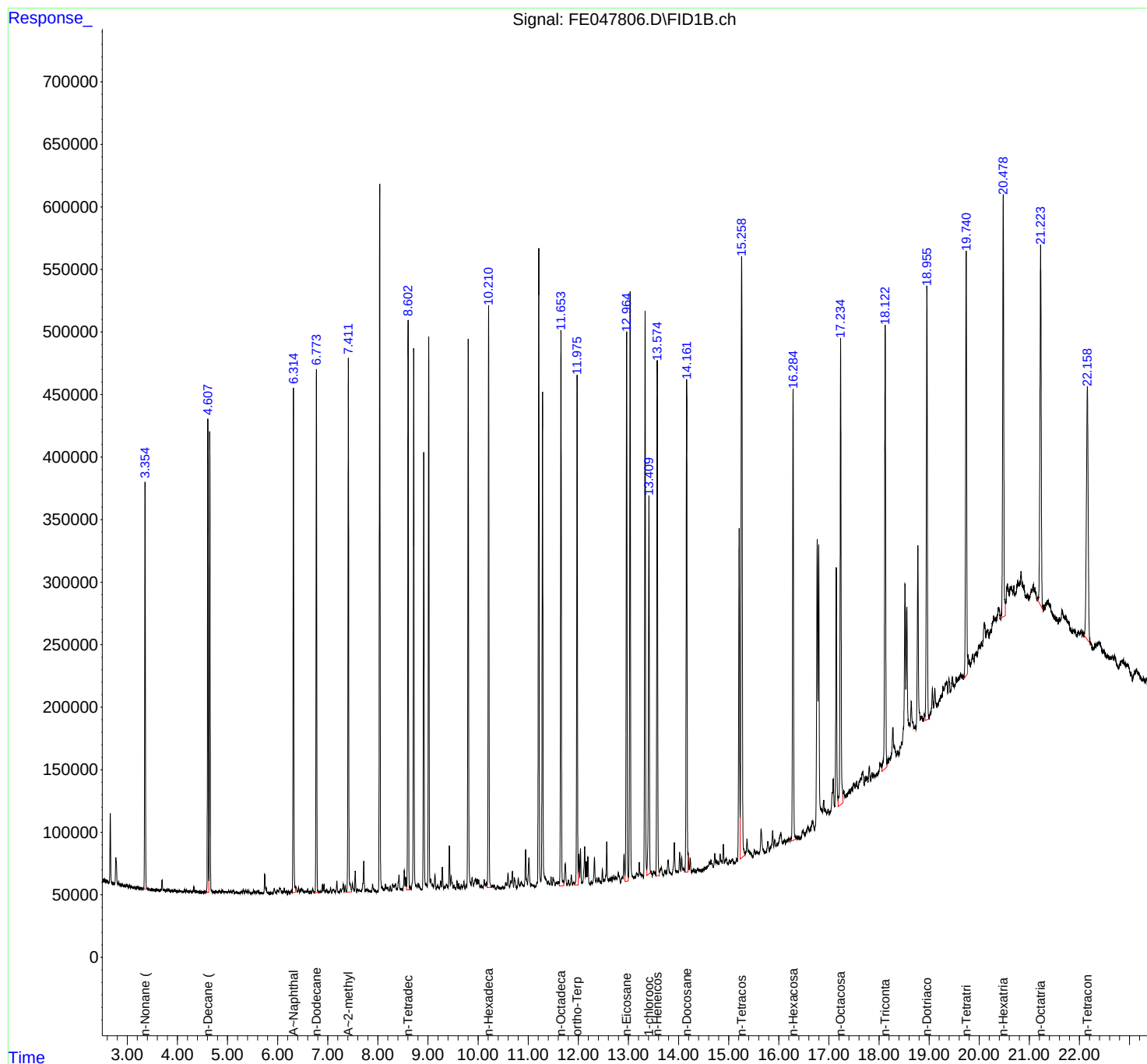
Instrument :
FID_E
ClientSampleId :
OR-03-042424MS

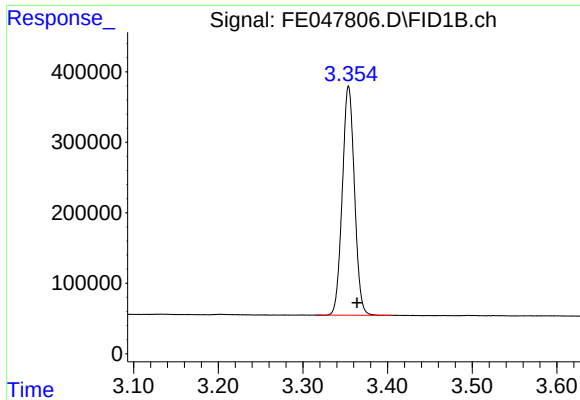
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/26/2024
Supervised By :Ankita Jodhani 04/26/2024

Integration File: autoint1.e
Quant Time: Apr 26 02:14:22 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 040224.M
Quant Title : GC Extractables
QLast Update : Tue Apr 02 05:28:28 2024
Response via : Initial Calibration
Integrator: ChemStation

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





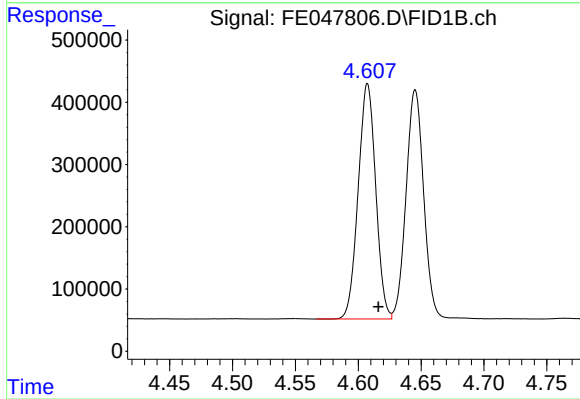
#1 n-Nonane (C9)

R.T.: 3.354 min
Delta R.T.: -0.010 min
Response: 3252354
Conc: 20.79 ug/ml

Instrument :
FID_E
ClientSampleId :
OR-03-042424MS

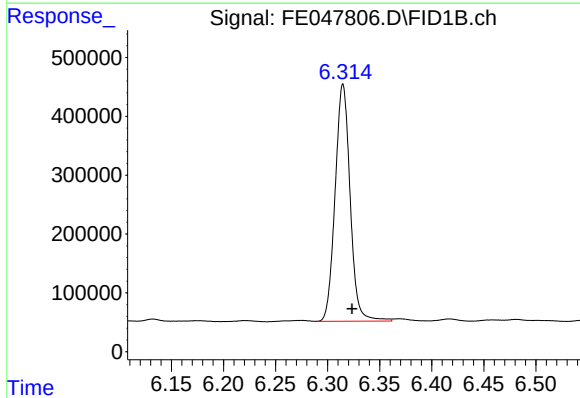
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/26/2024
Supervised By :Ankita Jodhani 04/26/2024



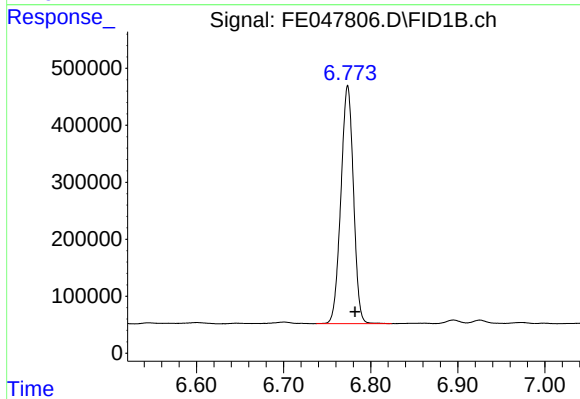
#2 n-Decane (C10)

R.T.: 4.607 min
Delta R.T.: -0.009 min
Response: 3667726
Conc: 22.82 ug/ml



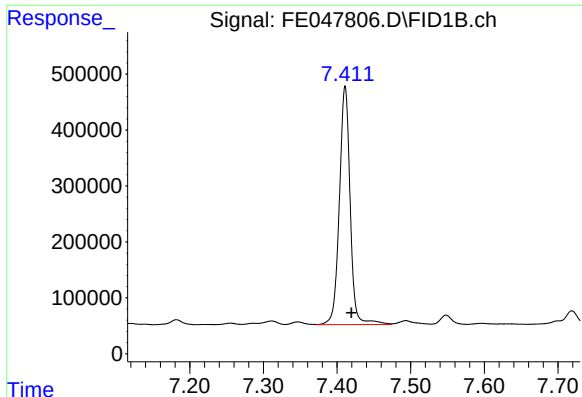
#3 A~Naphthalene (C11.7)

R.T.: 6.315 min
Delta R.T.: -0.009 min
Response: 4041551
Conc: 23.84 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.774 min
Delta R.T.: -0.008 min
Response: 4189358
Conc: 25.81 ug/ml



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

R.T.: 7.411 min
Delta R.T.: -0.009 min
Response: 4340580
Conc: 26.43 ug/ml

Instrument :

FID_E

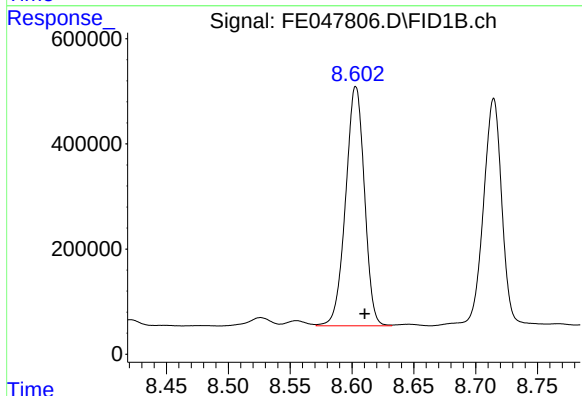
ClientSampleId :

OR-03-042424MS

Manual Integrations

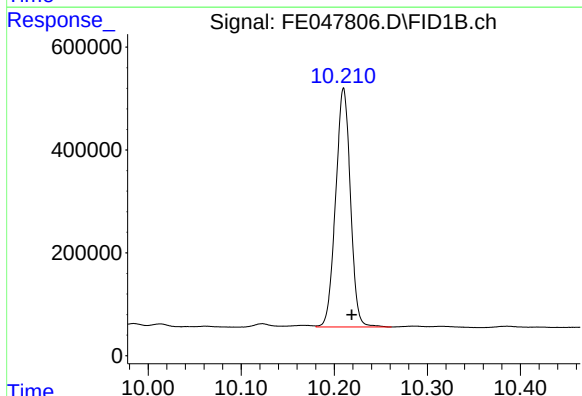
APPROVED

Reviewed By :Yogesh Patel 04/26/2024
Supervised By :Ankita Jodhani 04/26/2024



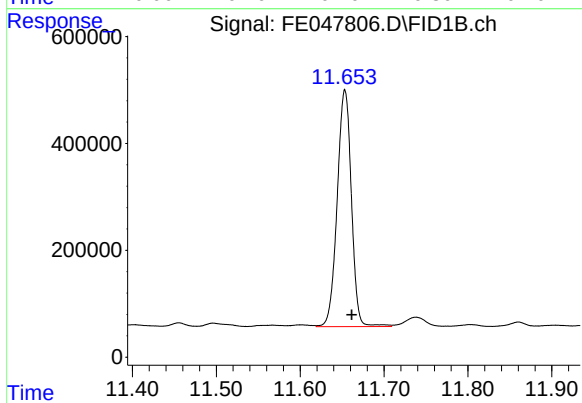
#6 n-Tetradecane (C14)

R.T.: 8.603 min
Delta R.T.: -0.007 min
Response: 4817261
Conc: 29.94 ug/ml



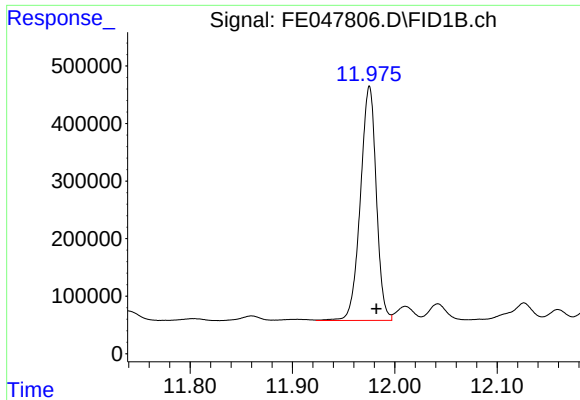
#7 n-Hexadecane (C16)

R.T.: 10.210 min
Delta R.T.: -0.009 min
Response: 5125343
Conc: 30.86 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.653 min
Delta R.T.: -0.008 min
Response: 5221453
Conc: 31.14 ug/ml



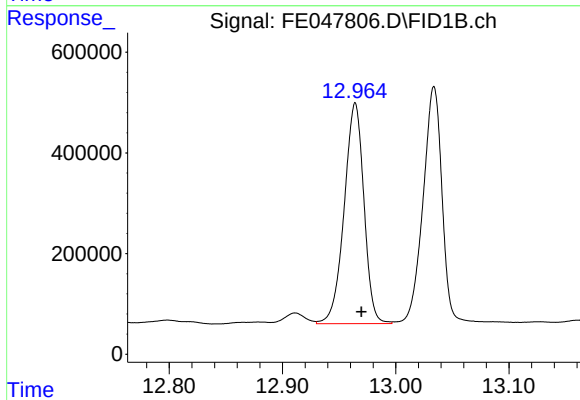
#9 ortho-Terphenyl (SURR)

R.T.: 11.975 min
Delta R.T.: -0.007 min
Response: 4395799
Conc: 25.34 ug/ml

Instrument :
FID_E
ClientSampleId :
OR-03-042424MS

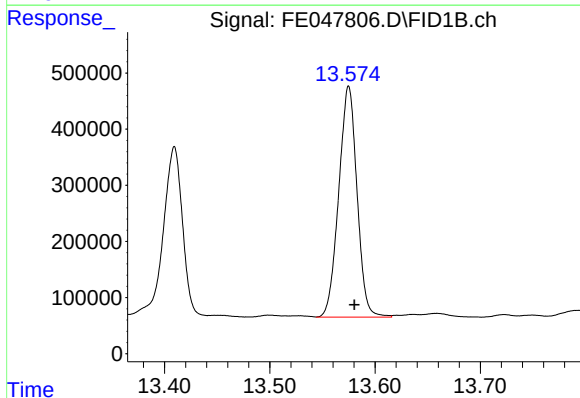
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/26/2024
Supervised By :Ankita Jodhani 04/26/2024



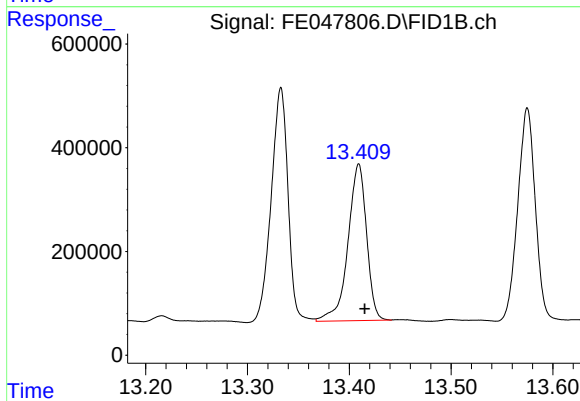
#10 n-Eicosane (C20)

R.T.: 12.964 min
Delta R.T.: -0.005 min
Response: 5311463
Conc: 32.79 ug/ml



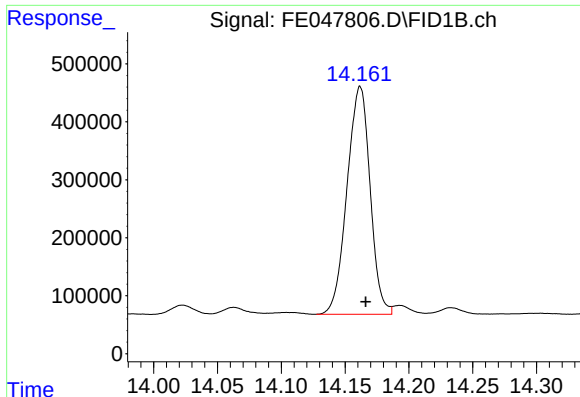
#11 n-Heneicosane (C21)

R.T.: 13.575 min
Delta R.T.: -0.005 min
Response: 4965006
Conc: 31.29 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.409 min
Delta R.T.: -0.006 min
Response: 3833864
Conc: 28.51 ug/ml



#13 n-Docosane (C22)

R.T.: 14.162 min
Delta R.T.: -0.004 min
Response: 4948470
Conc: 30.84 ug/ml

Instrument :

FID_E

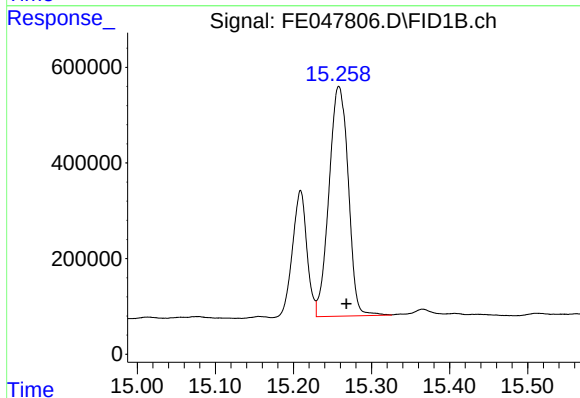
ClientSampleId :

OR-03-042424MS

Manual Integrations

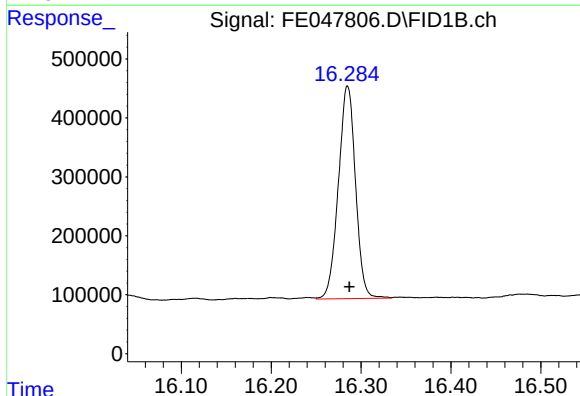
APPROVED

Reviewed By :Yogesh Patel 04/26/2024
Supervised By :Ankita Jodhani 04/26/2024



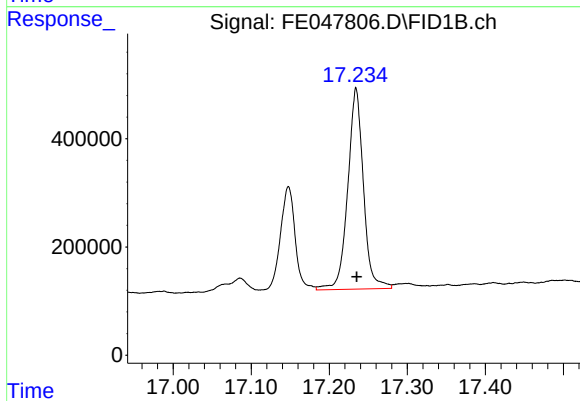
#14 n-Tetracosane (C24)

R.T.: 15.258 min
Delta R.T.: -0.010 min
Response: 8247228
Conc: 49.96 ug/ml



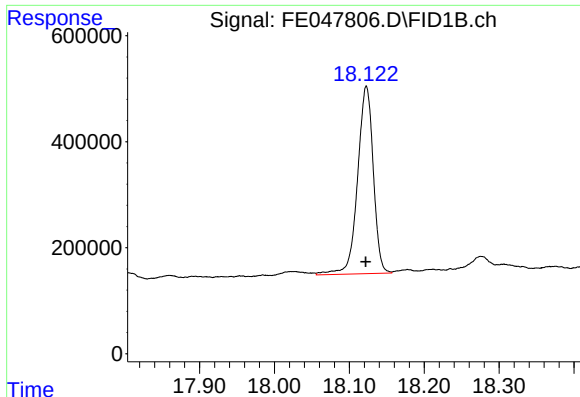
#15 n-Hexacosane (C26)

R.T.: 16.285 min
Delta R.T.: -0.002 min
Response: 4782046
Conc: 28.93 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.234 min
Delta R.T.: 0.000 min
Response: 5193594
Conc: 31.34 ug/ml



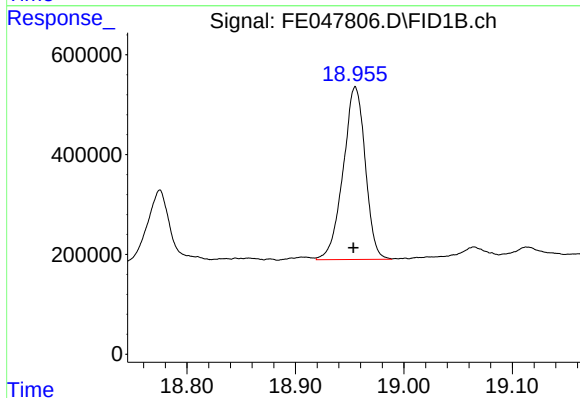
#17 n-Tricontane (C30)

R.T.: 18.123 min
Delta R.T.: 0.000 min
Response: 5161425
Conc: 30.40 ug/ml

Instrument :
FID_E
ClientSampleId :
OR-03-042424MS

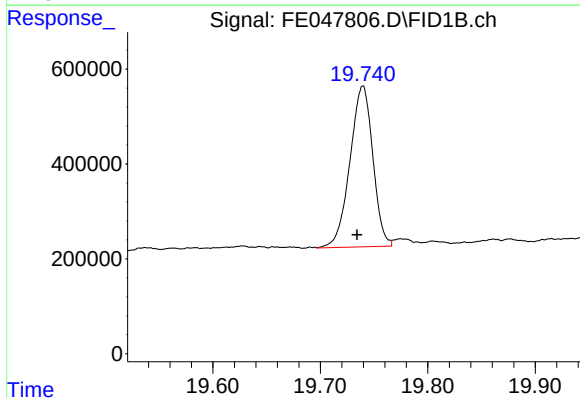
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/26/2024
Supervised By :Ankita Jodhani 04/26/2024



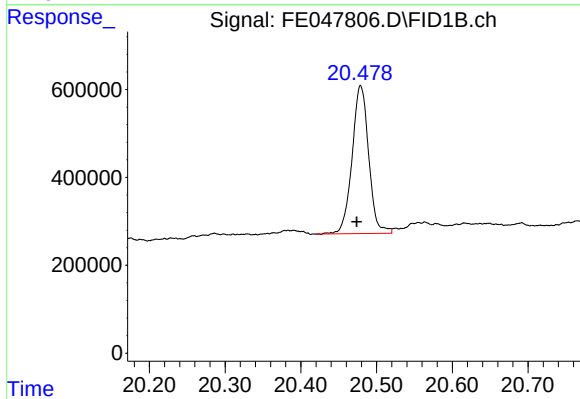
#18 n-Dotriacontane (C32)

R.T.: 18.955 min
Delta R.T.: 0.001 min
Response: 4892786
Conc: 29.34 ug/ml m



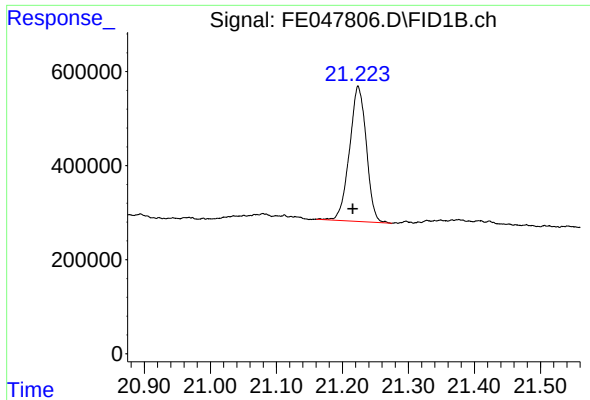
#19 n-Tetratriacontane (C34)

R.T.: 19.740 min
Delta R.T.: 0.006 min
Response: 5028601
Conc: 31.35 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.479 min
Delta R.T.: 0.005 min
Response: 5117914
Conc: 32.09 ug/ml



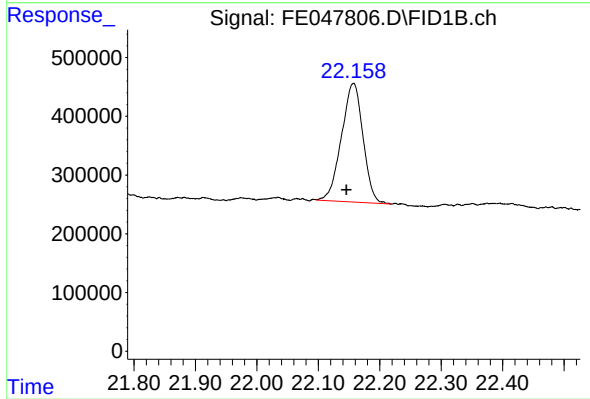
#21 n-Octatriacontane (C38)

R.T.: 21.224 min
Delta R.T.: 0.008 min
Response: 5094541
Conc: 31.35 ug/ml

Instrument :
FID_E
ClientSampleId :
OR-03-042424MS

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/26/2024
Supervised By :Ankita Jodhani 04/26/2024



#22 n-Tetracontane (C40)

R.T.: 22.157 min
Delta R.T.: 0.011 min
Response: 4925797
Conc: 30.09 ug/ml