

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071224AL\
 Data File : FE049112.D
 Signal(s) : FID1B.ch
 Acq On : 12 Jul 2024 22:08
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/15/2024
 Supervised By :Ankita Jodhani 07/15/2024

Integration File: sample.E
 Quant Time: Jul 13 00:27:50 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062124.M
 Quant Title : GC Extractables
 QLast Update : Thu Jun 20 17:53:58 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)	11.922	2735950	16.362 ug/ml
Spiked Amount 50.000		Recovery =	32.72%
12) S 1-chlorooctadecane (S...	13.357	2103188	16.356 ug/ml
Spiked Amount 50.000		Recovery =	32.71%
Target Compounds			
1) T n-Nonane (C9)	3.307	2384359	15.860 ug/ml
2) T n-Decane (C10)	4.557	2622120	17.039 ug/ml
3) T A~Naphthalene (C11.7)	6.266	2674098	16.844 ug/ml
4) T n-Dodecane (C12)	6.724	2628222	17.025 ug/ml
5) T A~2-methylnaphthalene...	7.362	2557489	16.888 ug/ml
6) T n-Tetradecane (C14)	8.552	2591826	16.911 ug/ml
7) T n-Hexadecane (C16)	10.160	2670064	17.077 ug/ml
8) T n-Octadecane (C18)	11.602	2688260	16.856 ug/ml
10) T n-Eicosane (C20)	12.911	2573934	16.602 ug/ml
11) T n-Heneicosane (C21)	13.523	2529668	16.614 ug/ml
13) T n-Docosane (C22)	14.109	2520958	16.669 ug/ml
14) T n-Tetracosane (C24)	15.211	2557460	17.018 ug/ml
15) T n-Hexacosane (C26)	16.232	2560275	17.342 ug/ml
16) T n-Octacosane (C28)	17.181	2717435	18.843 ug/ml
17) T n-Tricontane (C30)	18.067	3194656	21.836 ug/ml
18) T n-Dotriacontane (C32)	18.900	3387051	23.689 ug/ml
19) T n-Tetratriacontane (C34)	19.684	3141652	22.704 ug/ml
20) T n-Hexatriacontane (C36)	20.423	2926353	22.516 ug/ml
21) T n-Octatriacontane (C38)	21.156	2858718	22.300 ug/ml
22) T n-Tetracontane (C40)	22.067	2939905	24.007 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071224AL\
Data File : FE049112.D
Signal(s) : FID1B.ch
Acq On : 12 Jul 2024 22:08
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

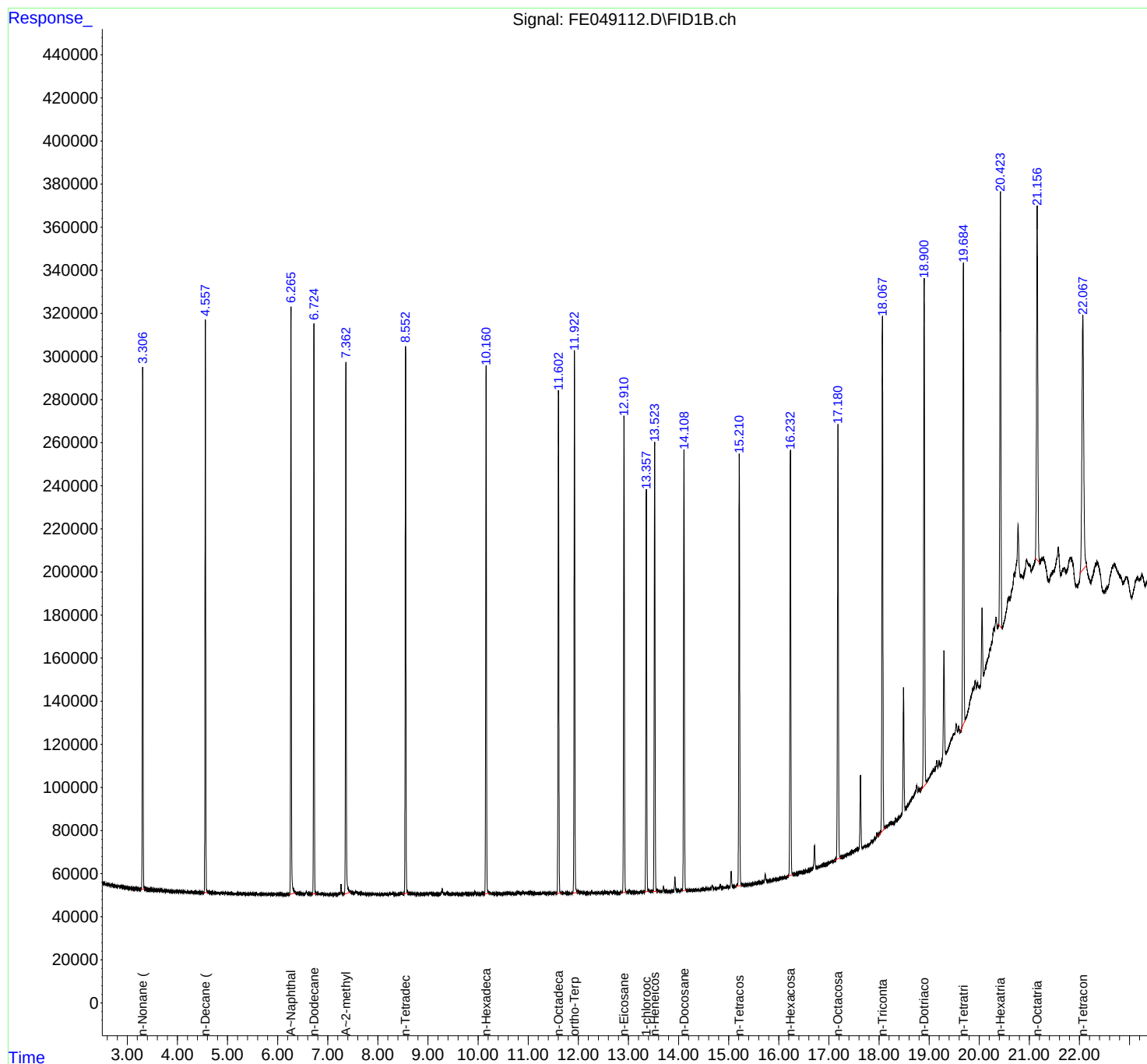
Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

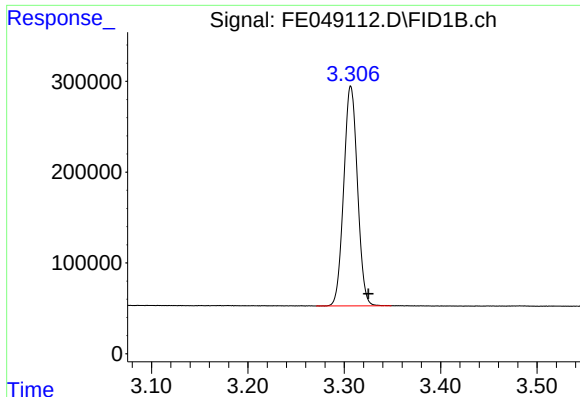
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/15/2024
Supervised By :Ankita Jodhani 07/15/2024

Integration File: sample.E
Quant Time: Jul 13 00:27:50 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062124.M
Quant Title : GC Extractables
QLast Update : Thu Jun 20 17:53:58 2024
Response via : Initial Calibration
Integrator: ChemStation

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





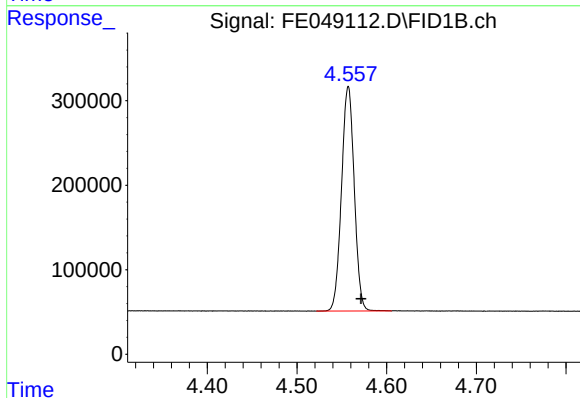
#1 n-Nonane (C9)

R.T.: 3.307 min
Delta R.T.: -0.018 min
Response: 2384359
Conc: 15.86 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

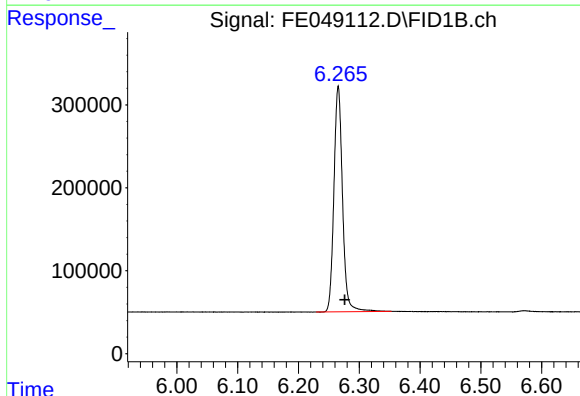
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/15/2024
Supervised By :Ankita Jodhani 07/15/2024



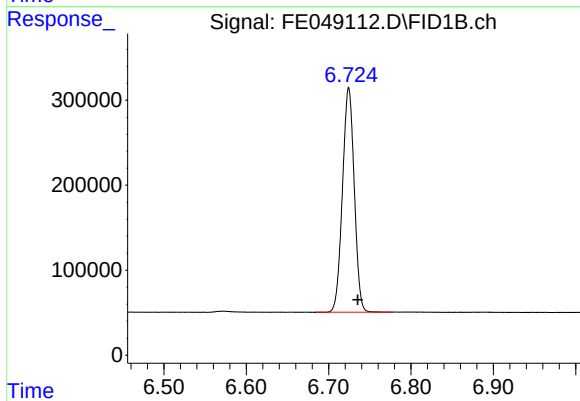
#2 n-Decane (C10)

R.T.: 4.557 min
Delta R.T.: -0.014 min
Response: 2622120
Conc: 17.04 ug/ml



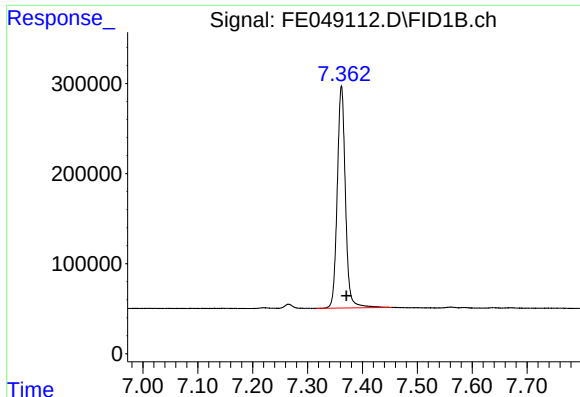
#3 A~Naphthalene (C11.7)

R.T.: 6.266 min
Delta R.T.: -0.011 min
Response: 2674098
Conc: 16.84 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.724 min
Delta R.T.: -0.011 min
Response: 2628222
Conc: 17.03 ug/ml



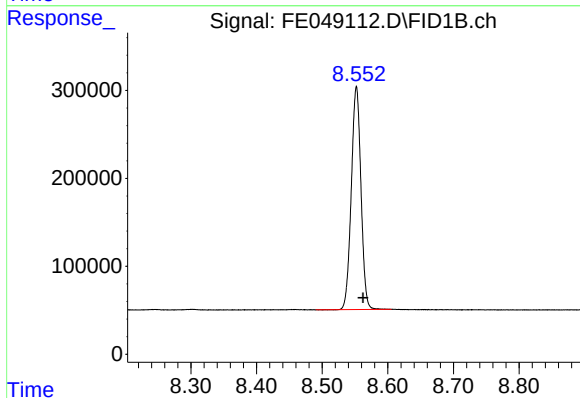
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.362 min
Delta R.T.: -0.009 min
Response: 2557489
Conc: 16.89 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

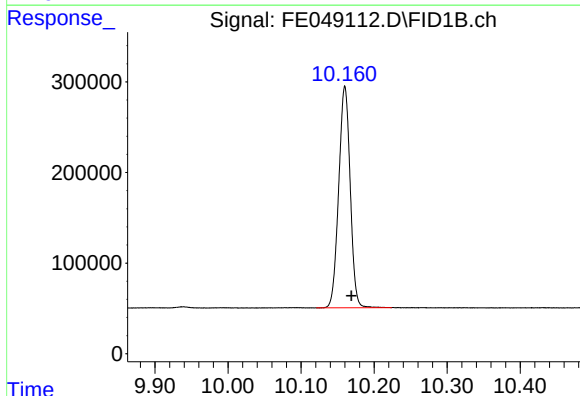
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/15/2024
Supervised By :Ankita Jodhani 07/15/2024



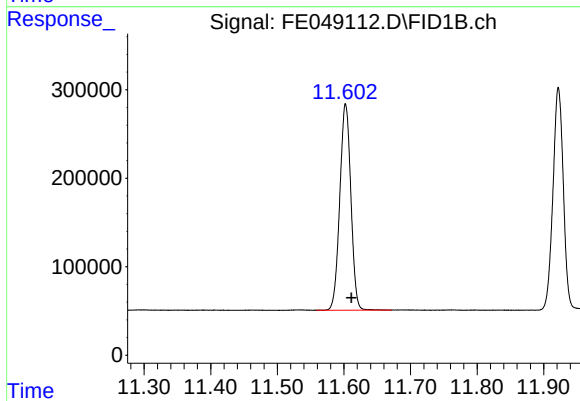
#6 n-Tetradecane (C14)

R.T.: 8.552 min
Delta R.T.: -0.010 min
Response: 2591826
Conc: 16.91 ug/ml



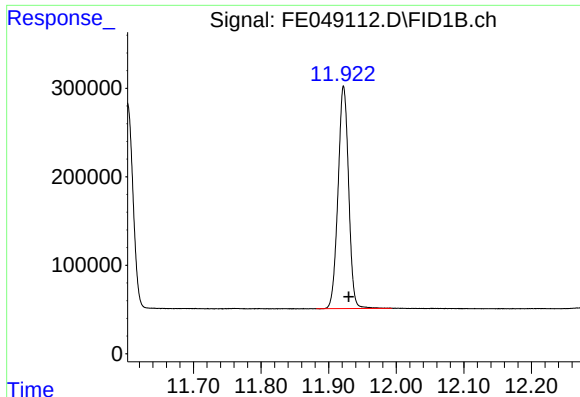
#7 n-Hexadecane (C16)

R.T.: 10.160 min
Delta R.T.: -0.009 min
Response: 2670064
Conc: 17.08 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.602 min
Delta R.T.: -0.009 min
Response: 2688260
Conc: 16.86 ug/ml



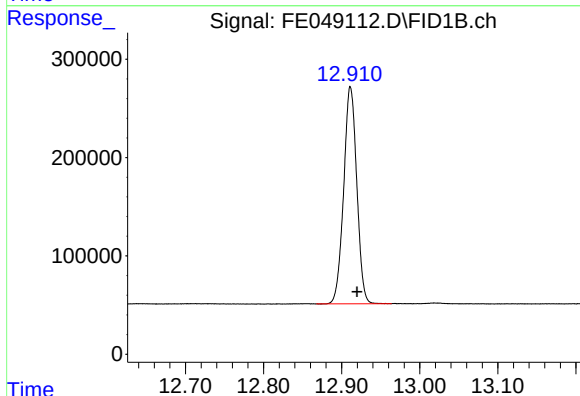
#9 ortho-Terphenyl (SURR)

R.T.: 11.922 min
Delta R.T.: -0.008 min
Response: 2735950
Conc: 16.36 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

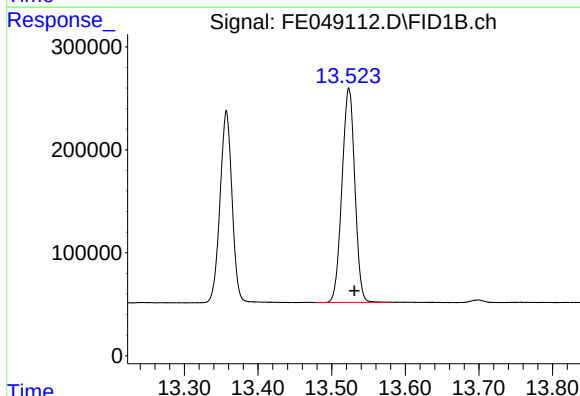
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/15/2024
Supervised By :Ankita Jodhani 07/15/2024



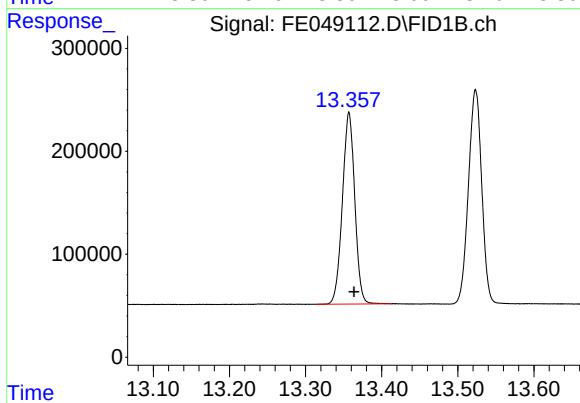
#10 n-Eicosane (C20)

R.T.: 12.911 min
Delta R.T.: -0.008 min
Response: 2573934
Conc: 16.60 ug/ml



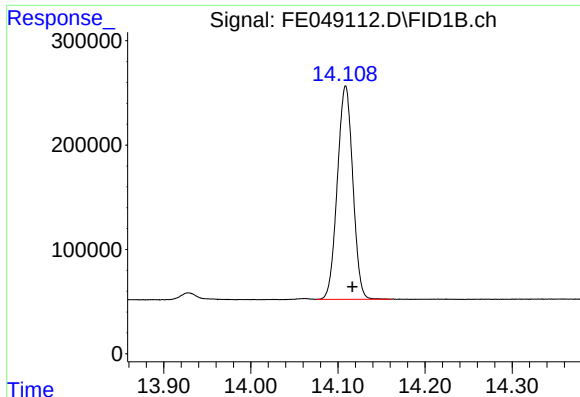
#11 n-Heneicosane (C21)

R.T.: 13.523 min
Delta R.T.: -0.007 min
Response: 2529668
Conc: 16.61 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.357 min
Delta R.T.: -0.007 min
Response: 2103188
Conc: 16.36 ug/ml



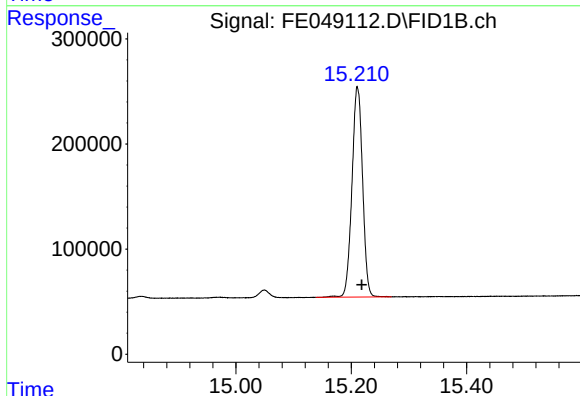
#13 n-Docosane (C22)

R.T.: 14.109 min
Delta R.T.: -0.008 min
Response: 2520958
Conc: 16.67 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

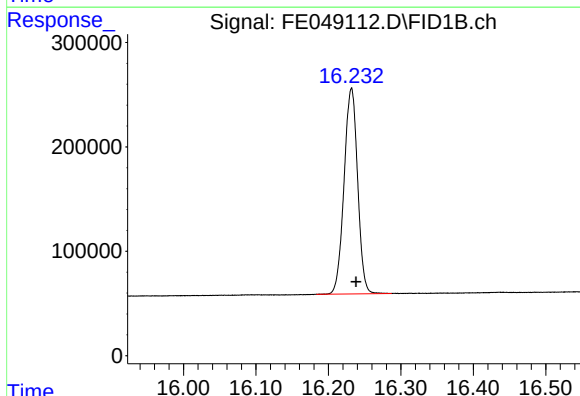
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/15/2024
Supervised By :Ankita Jodhani 07/15/2024



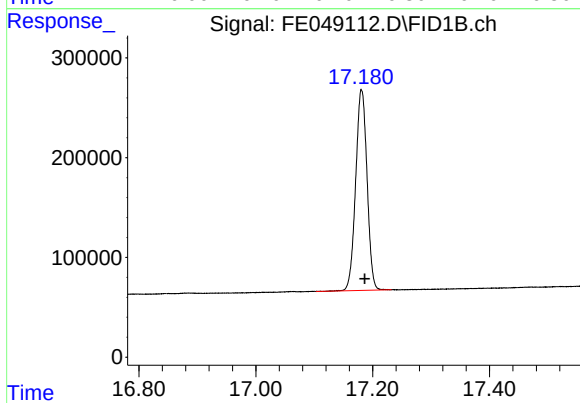
#14 n-Tetracosane (C24)

R.T.: 15.211 min
Delta R.T.: -0.008 min
Response: 2557460
Conc: 17.02 ug/ml



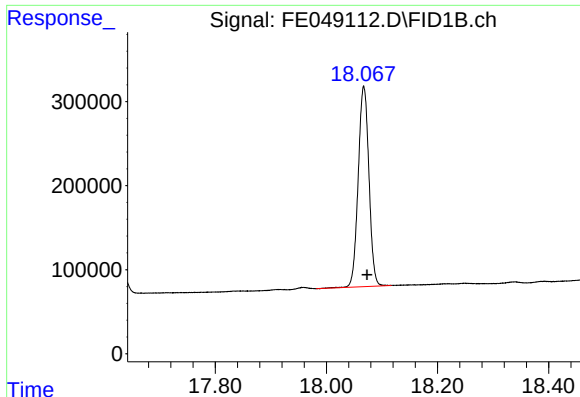
#15 n-Hexacosane (C26)

R.T.: 16.232 min
Delta R.T.: -0.006 min
Response: 2560275
Conc: 17.34 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.181 min
Delta R.T.: -0.005 min
Response: 2717435
Conc: 18.84 ug/ml



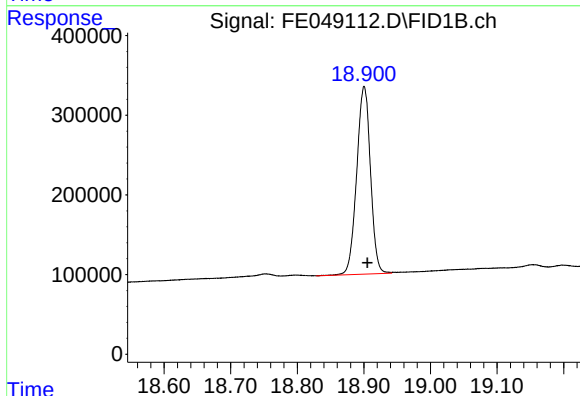
#17 n-Tricontane (C30)

R.T.: 18.067 min
Delta R.T.: -0.006 min
Response: 3194656
Conc: 21.84 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

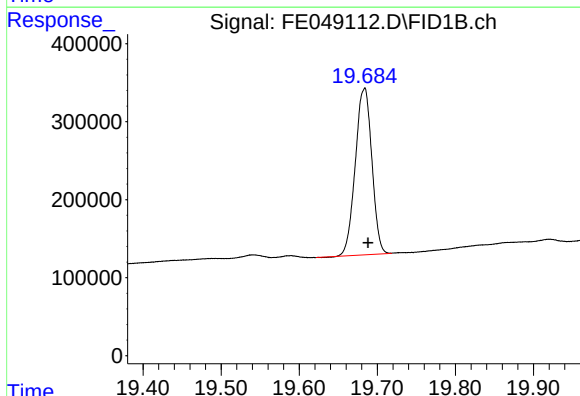
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/15/2024
Supervised By :Ankita Jodhani 07/15/2024



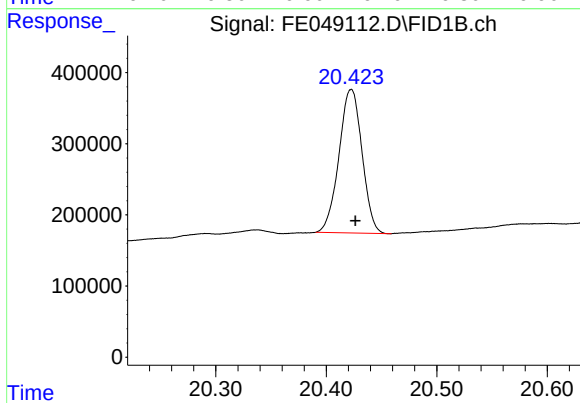
#18 n-Dotriacontane (C32)

R.T.: 18.900 min
Delta R.T.: -0.005 min
Response: 3387051
Conc: 23.69 ug/ml



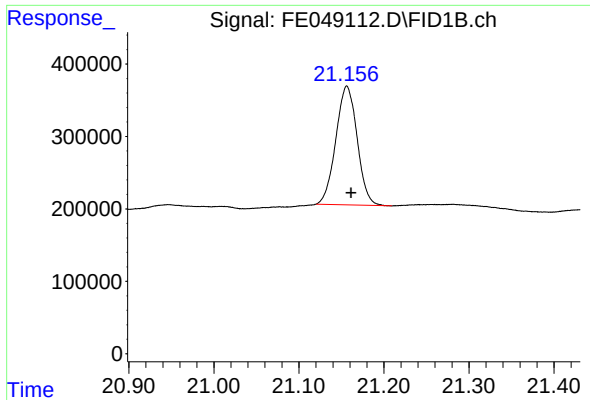
#19 n-Tetratriacontane (C34)

R.T.: 19.684 min
Delta R.T.: -0.004 min
Response: 3141652
Conc: 22.70 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.423 min
Delta R.T.: -0.004 min
Response: 2926353
Conc: 22.52 ug/ml



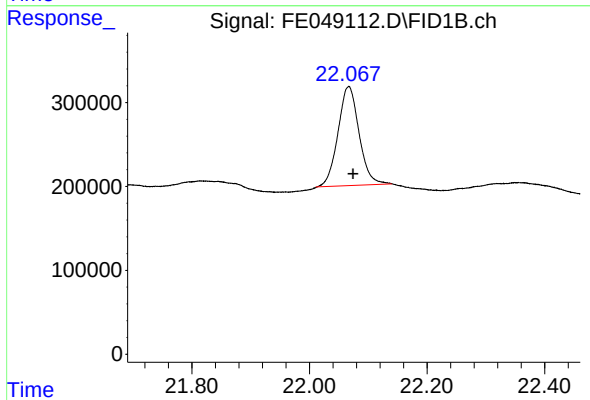
#21 n-Octatriacontane (C38)

R.T.: 21.156 min
Delta R.T.: -0.005 min
Response: 2858718
Conc: 22.30 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/15/2024
Supervised By :Ankita Jodhani 07/15/2024



#22 n-Tetracontane (C40)

R.T.: 22.067 min
Delta R.T.: -0.007 min
Response: 2939905
Conc: 24.01 ug/ml m