

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE101724AL\
 Data File : FE050724.D
 Signal(s) : FID1B.ch
 Acq On : 17 Oct 2024 20:26
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/18/2024
 Supervised By :Ankita Jodhani 10/18/2024

Integration File: sample.E
 Quant Time: Oct 18 03:48:52 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)	11.863	3350691	21.253 ug/ml
Spiked Amount 50.000		Recovery =	42.51%
12) S 1-chlorooctadecane (S...	13.298	2555785	21.605 ug/ml
Spiked Amount 50.000		Recovery =	43.21%
Target Compounds			
1) T n-Nonane (C9)	3.250	3054582	21.619 ug/ml
2) T n-Decane (C10)	4.501	3135727	21.855 ug/ml
3) T A~Naphthalene (C11.7)	6.212	3170827	22.175 ug/ml
4) T n-Dodecane (C12)	6.668	3161688	21.966 ug/ml
5) T A~2-methylnaphthalene...	7.308	2963707	22.371 ug/ml
6) T n-Tetradecane (C14)	8.495	3130421	21.881 ug/ml
7) T n-Hexadecane (C16)	10.101	3197097	21.724 ug/ml
8) T n-Octadecane (C18)	11.543	3197987	21.410 ug/ml
10) T n-Eicosane (C20)	12.852	3050457	21.272 ug/ml
11) T n-Heneicosane (C21)	13.462	2979014	21.213 ug/ml
13) T n-Docosane (C22)	14.047	2973294	21.193 ug/ml
14) T n-Tetracosane (C24)	15.149	2969116	21.016 ug/ml
15) T n-Hexacosane (C26)	16.169	2971171	21.115 ug/ml
16) T n-Octacosane (C28)	17.117	2962293	20.244 ug/ml
17) T n-Tricontane (C30)	18.005	3175274	19.970 ug/ml
18) T n-Dotriacontane (C32)	18.836	3195352	19.711 ug/ml
19) T n-Tetratriacontane (C34)	19.619	2977692	20.271 ug/ml
20) T n-Hexatriacontane (C36)	20.359	2743121	21.631 ug/ml
21) T n-Octatriacontane (C38)	21.086	2623716	21.219 ug/ml
22) T n-Tetracontane (C40)	21.971	1799576	16.161 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE101724AL\
Data File : FE050724.D
Signal(s) : FID1B.ch
Acq On : 17 Oct 2024 20:26
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 3 Sample Multiplier: 1

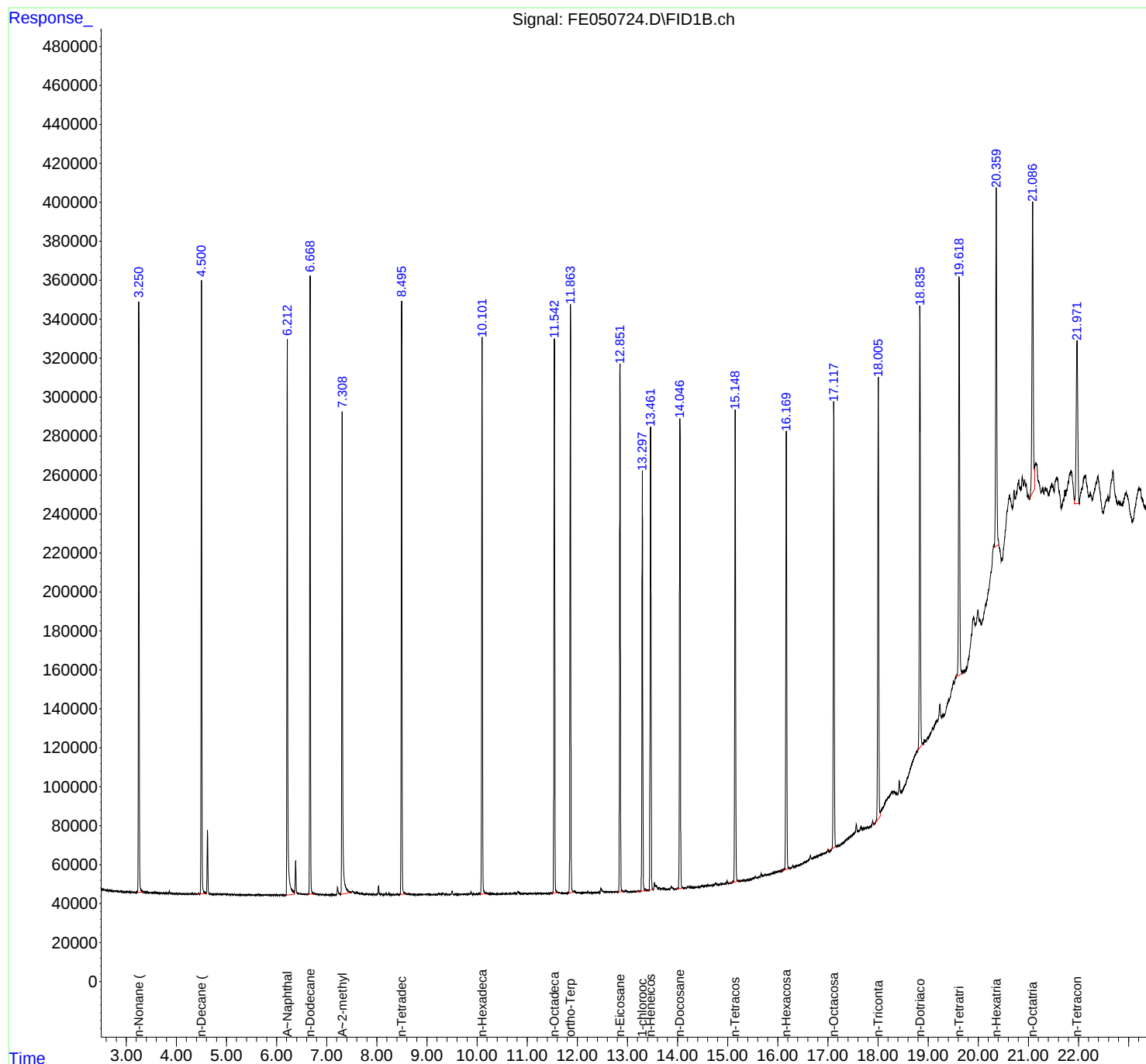
Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

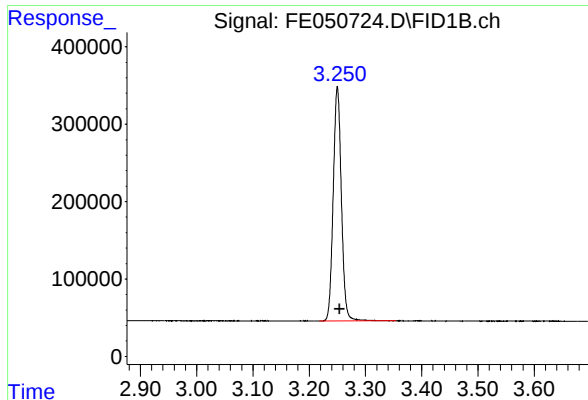
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/18/2024
Supervised By :Ankita Jodhani 10/18/2024

Integration File: sample.E
Quant Time: Oct 18 03:48:52 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





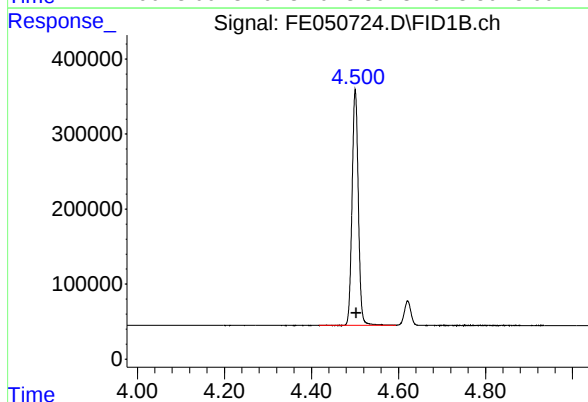
#1 n-Nonane (C9)

R.T.: 3.250 min
Delta R.T.: -0.004 min
Response: 3054582
Conc: 21.62 ug/ml

Instrument : FID_E
ClientSampleId : 20 PPM ALIPHATIC HC STD

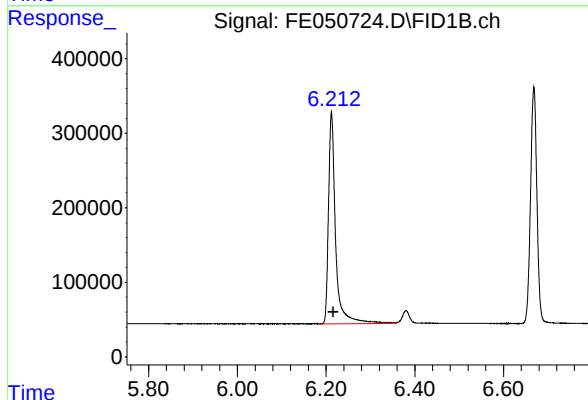
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/18/2024
Supervised By :Ankita Jodhani 10/18/2024



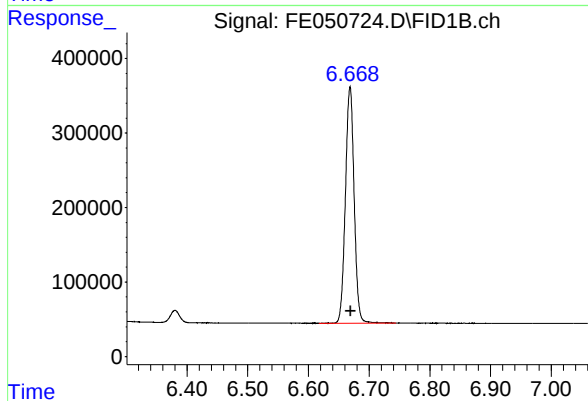
#2 n-Decane (C10)

R.T.: 4.501 min
Delta R.T.: -0.002 min
Response: 3135727
Conc: 21.86 ug/ml



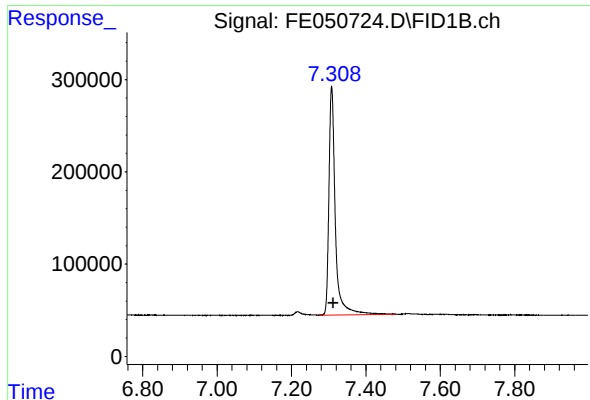
#3 A~Naphthalene (C11.7)

R.T.: 6.212 min
Delta R.T.: -0.004 min
Response: 3170827
Conc: 22.18 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.668 min
Delta R.T.: -0.001 min
Response: 3161688
Conc: 21.97 ug/ml



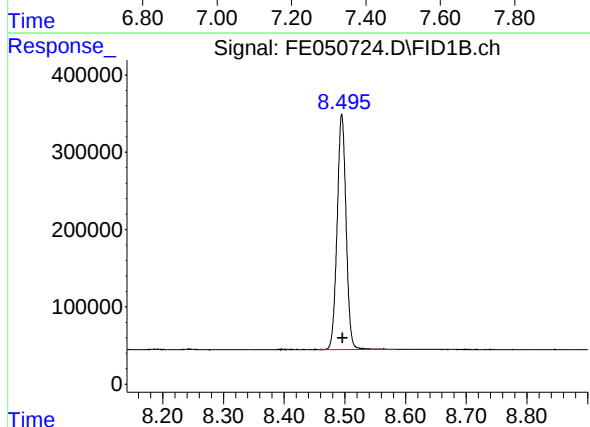
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.308 min
Delta R.T.: -0.005 min
Response: 2963707
Conc: 22.37 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

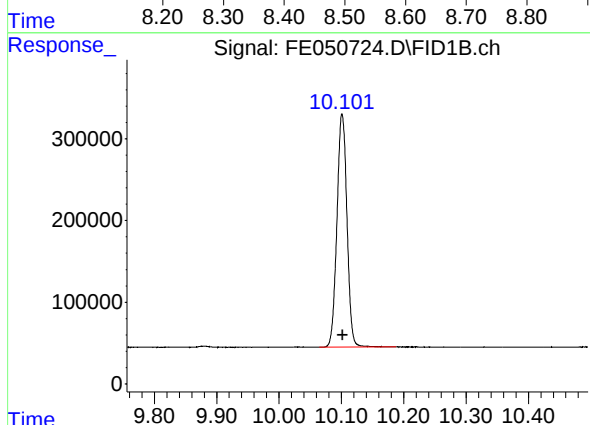
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/18/2024
Supervised By :Ankita Jodhani 10/18/2024



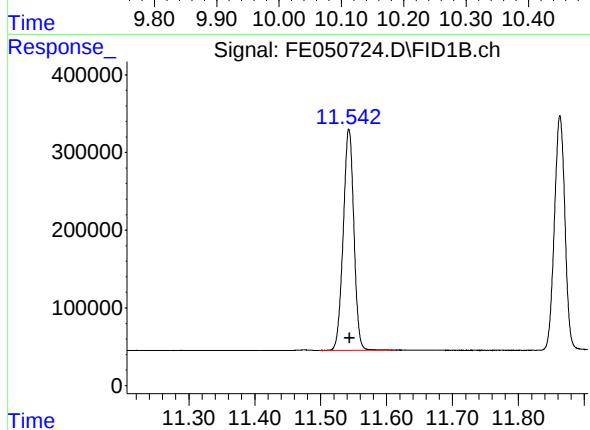
#6 n-Tetradecane (C14)

R.T.: 8.495 min
Delta R.T.: -0.001 min
Response: 3130421
Conc: 21.88 ug/ml



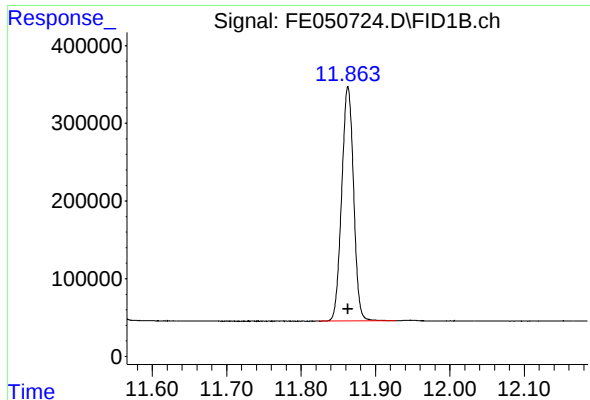
#7 n-Hexadecane (C16)

R.T.: 10.101 min
Delta R.T.: 0.000 min
Response: 3197097
Conc: 21.72 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.543 min
Delta R.T.: 0.000 min
Response: 3197987
Conc: 21.41 ug/ml



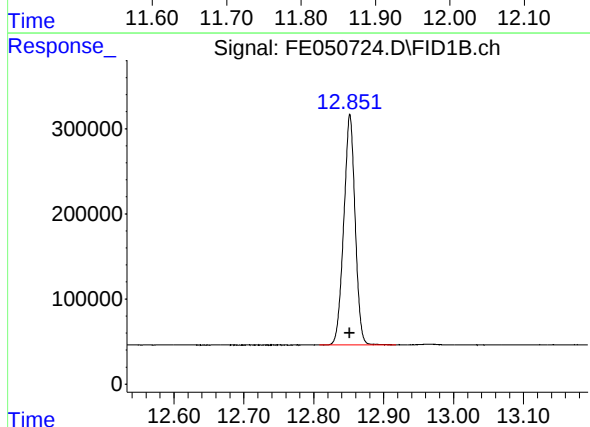
#9 ortho-Terphenyl (SURR)

R.T.: 11.863 min
Delta R.T.: 0.000 min
Response: 3350691
Conc: 21.25 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

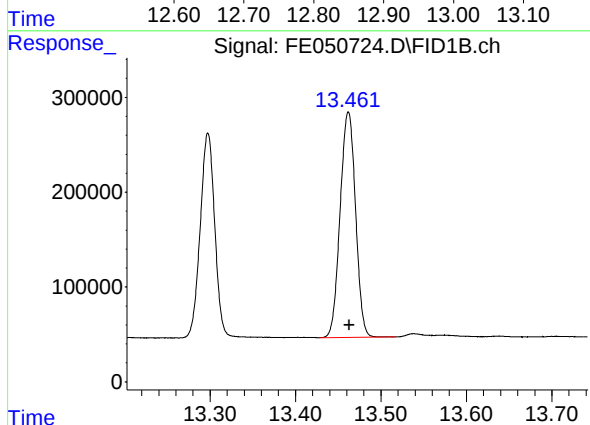
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/18/2024
Supervised By :Ankita Jodhani 10/18/2024



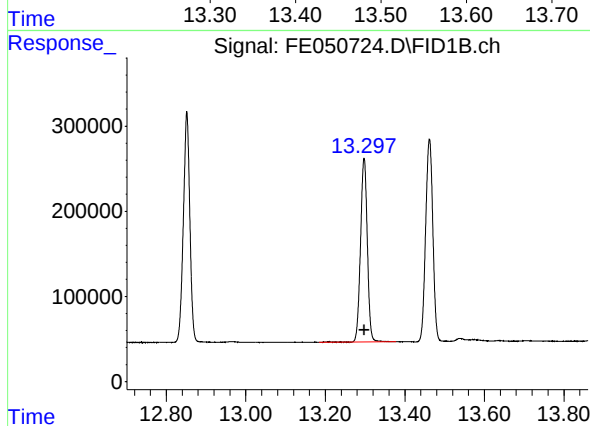
#10 n-Eicosane (C20)

R.T.: 12.852 min
Delta R.T.: 0.000 min
Response: 3050457
Conc: 21.27 ug/ml



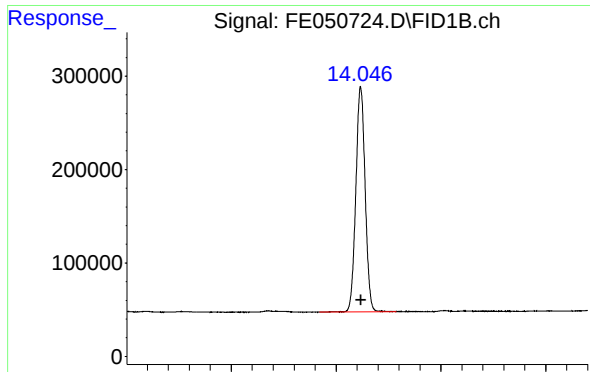
#11 n-Heneicosane (C21)

R.T.: 13.462 min
Delta R.T.: 0.000 min
Response: 2979014
Conc: 21.21 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.298 min
Delta R.T.: 0.000 min
Response: 2555785
Conc: 21.61 ug/ml



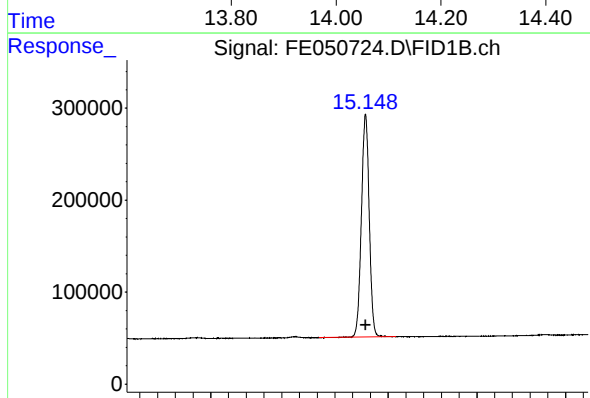
#13 n-Docosane (C22)

R.T.: 14.047 min
Delta R.T.: 0.000 min
Response: 2973294
Conc: 21.19 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

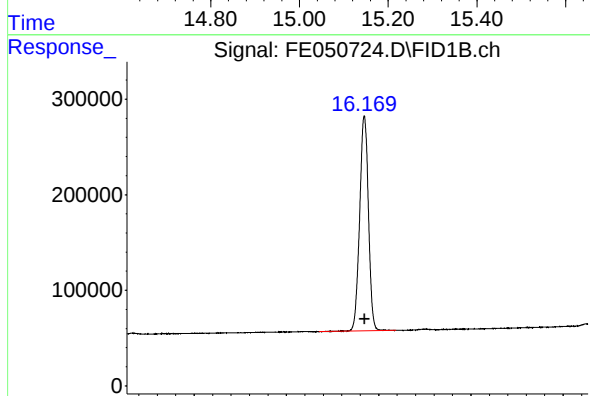
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/18/2024
Supervised By :Ankita Jodhani 10/18/2024



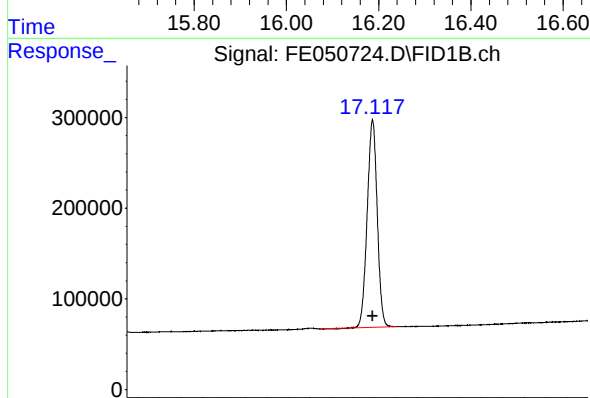
#14 n-Tetracosane (C24)

R.T.: 15.149 min
Delta R.T.: -0.001 min
Response: 2969116
Conc: 21.02 ug/ml



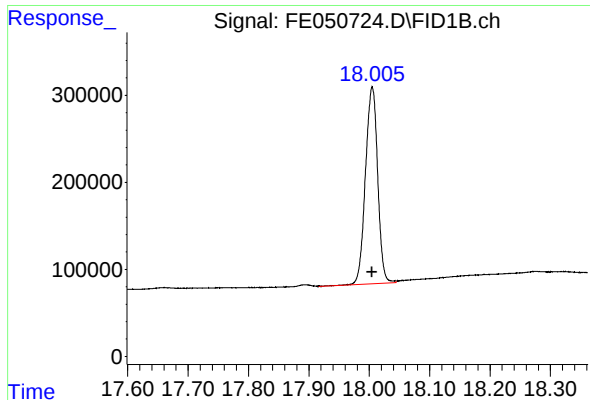
#15 n-Hexacosane (C26)

R.T.: 16.169 min
Delta R.T.: 0.000 min
Response: 2971171
Conc: 21.11 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.117 min
Delta R.T.: 0.000 min
Response: 2962293
Conc: 20.24 ug/ml



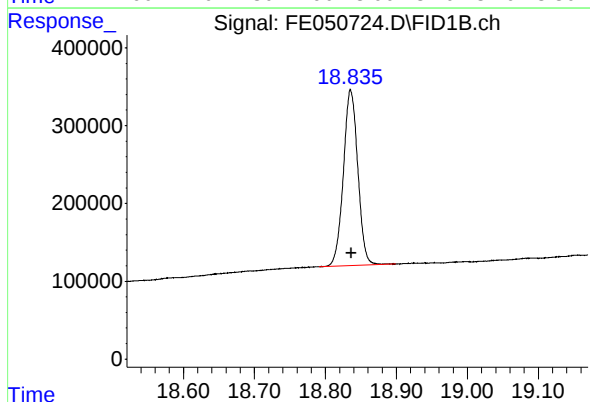
#17 n-Tricontane (C30)

R.T.: 18.005 min
Delta R.T.: 0.000 min
Response: 3175274
Conc: 19.97 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

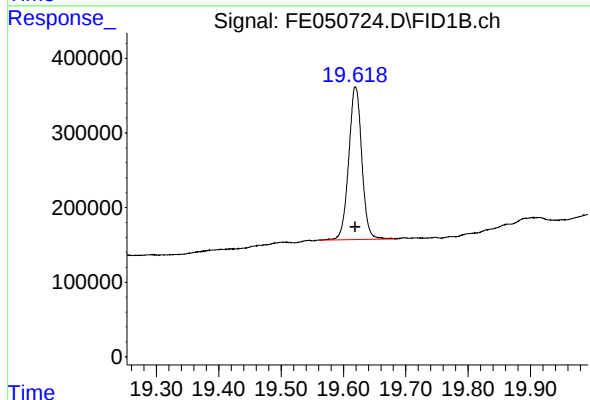
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/18/2024
Supervised By :Ankita Jodhani 10/18/2024



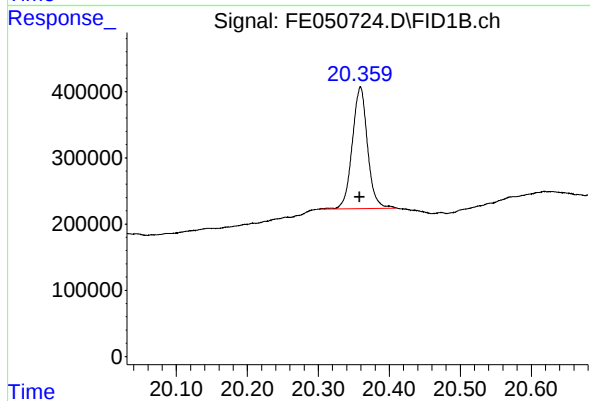
#18 n-Dotriacontane (C32)

R.T.: 18.836 min
Delta R.T.: 0.000 min
Response: 3195352
Conc: 19.71 ug/ml



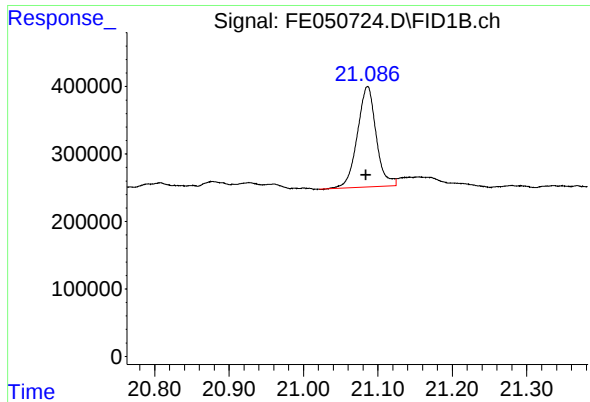
#19 n-Tetratriacontane (C34)

R.T.: 19.619 min
Delta R.T.: 0.000 min
Response: 2977692
Conc: 20.27 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.359 min
Delta R.T.: 0.000 min
Response: 2743121
Conc: 21.63 ug/ml



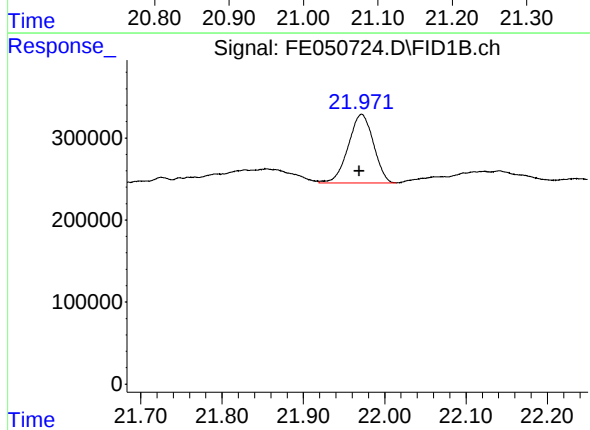
#21 n-Octatriacontane (C38)

R.T.: 21.086 min
Delta R.T.: 0.002 min
Response: 2623716
Conc: 21.22 ug/ml

Instrument : FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/18/2024
Supervised By :Ankita Jodhani 10/18/2024



#22 n-Tetracontane (C40)

R.T.: 21.971 min
Delta R.T.: 0.002 min
Response: 1799576
Conc: 16.16 ug/ml m