

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE011224AL\
 Data File : FE046200.D
 Signal(s) : FID1B.ch
 Acq On : 12 Jan 2024 20:40
 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 :Ankita Jodhani 01/15/2024
 Supervised By :Sohil Jodhani 01/16/2024

Integration File: autoint1.e
 Quant Time: Jan 13 04:38:33 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 122923.M
 Quant Title : GC Extractables
 QLast Update : Fri Dec 29 03:49:54 2023
 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)	11.831	3373960	18.566 ug/ml
Spiked Amount 50.000		Recovery =	37.13%
12) S 1-chlorooctadecane (S...	13.273	2512235	18.803 ug/ml
Spiked Amount 50.000		Recovery =	37.61%
Target Compounds			
1) T n-Nonane (C9)	3.215	2605731	17.026 ug/ml
2) T n-Decane (C10)	4.466	2697759	17.383 ug/ml
3) T A~Naphthalene (C11.7)	6.170	2870182	17.258 ug/ml
4) T n-Dodecane (C12)	6.634	2751688	17.624 ug/ml
5) T A~2-methylnaphthalene...	7.266	2772092	17.411 ug/ml
6) T n-Tetradecane (C14)	8.461	2781096	17.854 ug/ml
7) T n-Hexadecane (C16)	10.071	2885112	18.219 ug/ml
8) T n-Octadecane (C18)	11.517	2915995	18.527 ug/ml
10) T n-Eicosane (C20)	12.828	2866098	18.946 ug/ml
11) T n-Heneicosane (C21)	13.441	2768117	18.824 ug/ml
13) T n-Docosane (C22)	14.027	2864276	19.595 ug/ml
14) T n-Tetracosane (C24)	15.133	3031037	20.899 ug/ml
15) T n-Hexacosane (C26)	16.157	3106653	21.669 ug/ml
16) T n-Octacosane (C28)	17.111	3252447	22.678 ug/ml
17) T n-Tricontane (C30)	18.001	3460117	23.279 ug/ml
18) T n-Dotriacontane (C32)	18.837	3444362	23.030 ug/ml
19) T n-Tetratriacontane (C34)	19.623	3204577	22.370 ug/ml
20) T n-Hexatriacontane (C36)	20.366	2814647	19.305 ug/ml
21) T n-Octatriacontane (C38)	21.097	2872246	19.478 ug/ml
22) T n-Tetracontane (C40)	21.994	2609335	16.670 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE011224AL\
Data File : FE046200.D
Signal(s) : FID1B.ch
Acq On : 12 Jan 2024 20:40
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

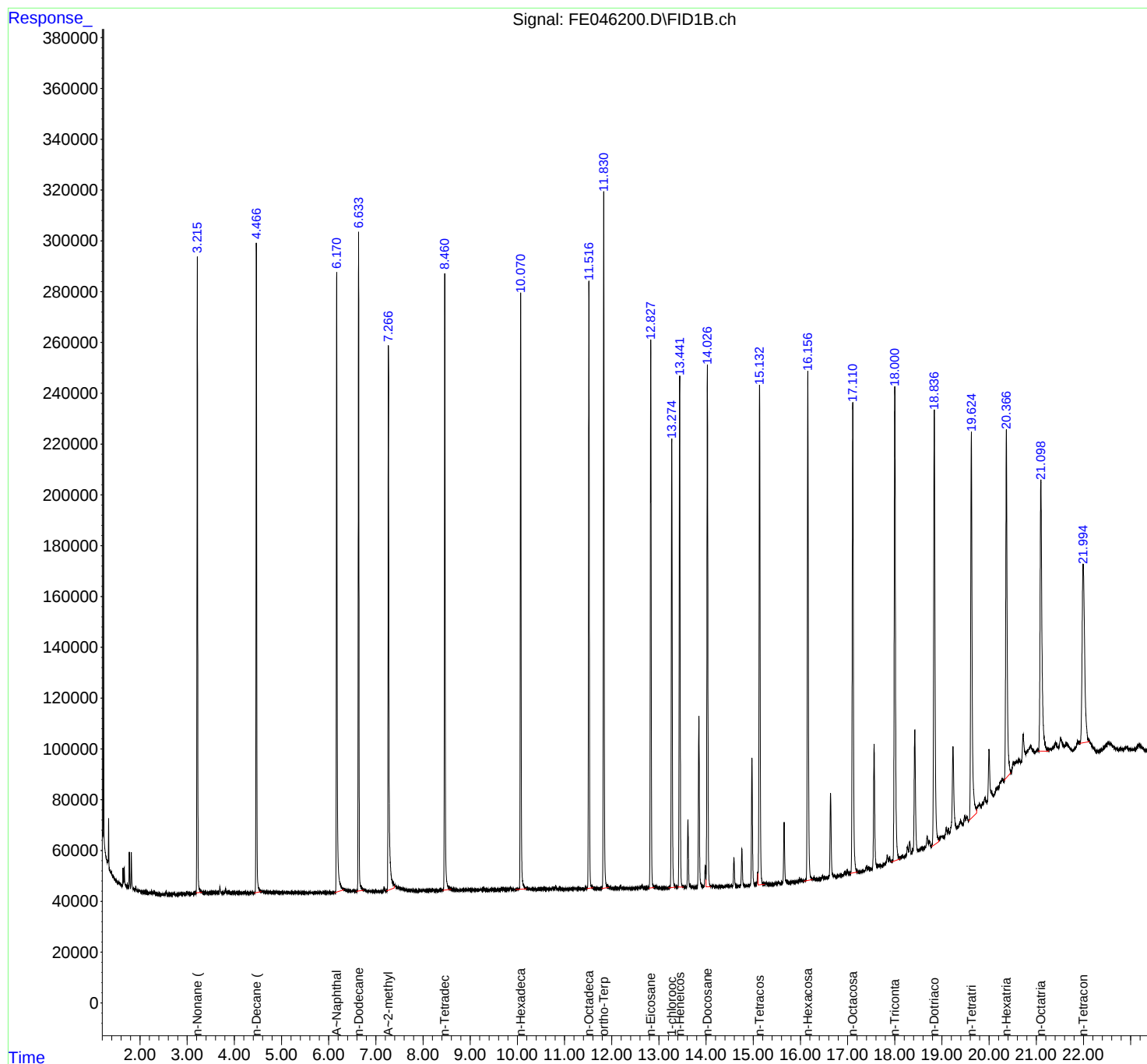
Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

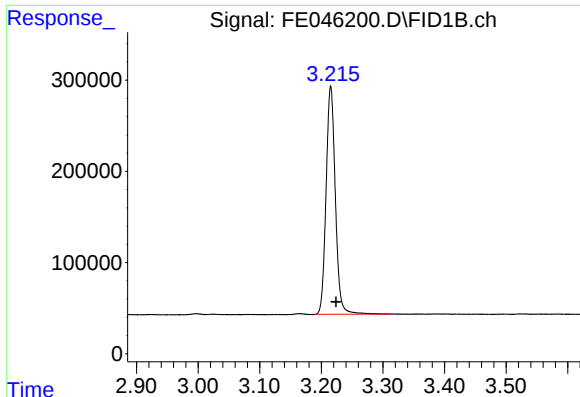
Manual Integrations
APPROVED

Reviewed By :Ankita Jodhani 01/15/2024
Supervised By :Sohil Jodhani 01/16/2024

Integration File: autoint1.e
Quant Time: Jan 13 04:38:33 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 122923.M
Quant Title : GC Extractables
QLast Update : Fri Dec 29 03:49:54 2023
Response via : Initial Calibration
Integrator: ChemStation

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





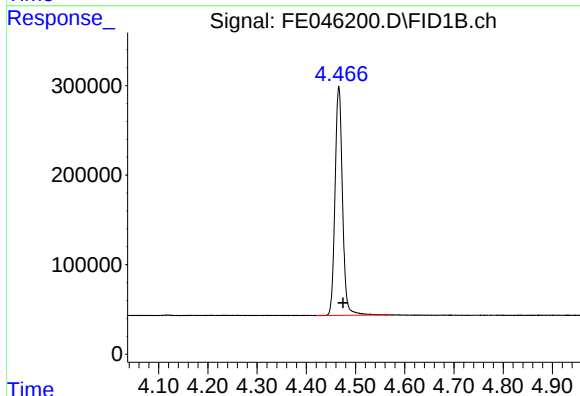
#1 n-Nonane (C9)

R.T.: 3.215 min
Delta R.T.: -0.009 min
Response: 2605731
Conc: 17.03 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

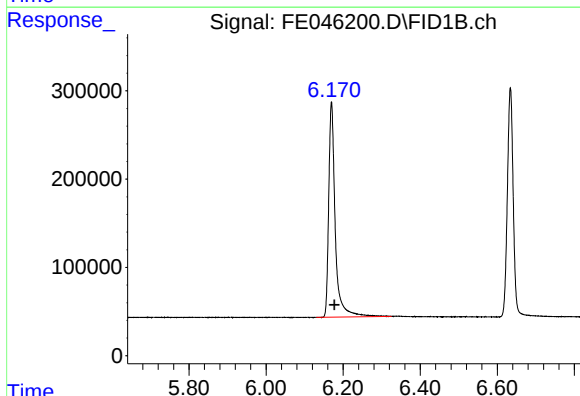
Manual Integrations
APPROVED

Reviewed By :Ankita Jodhani 01/15/2024
Supervised By :Sohil Jodhani 01/16/2024



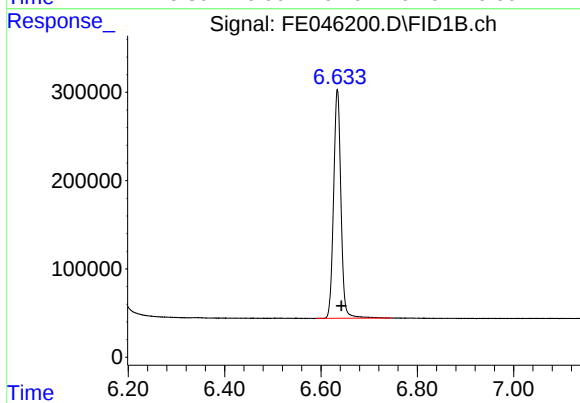
#2 n-Decane (C10)

R.T.: 4.466 min
Delta R.T.: -0.009 min
Response: 2697759
Conc: 17.38 ug/ml



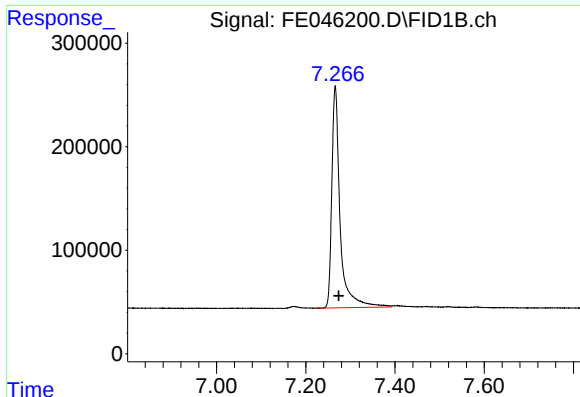
#3 A~Naphthalene (C11.7)

R.T.: 6.170 min
Delta R.T.: -0.007 min
Response: 2870182
Conc: 17.26 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.634 min
Delta R.T.: -0.009 min
Response: 2751688
Conc: 17.62 ug/ml



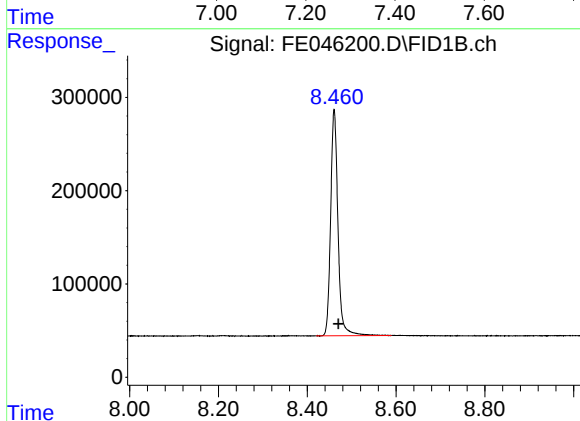
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.266 min
Delta R.T.: -0.008 min
Response: 2772092
Conc: 17.41 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

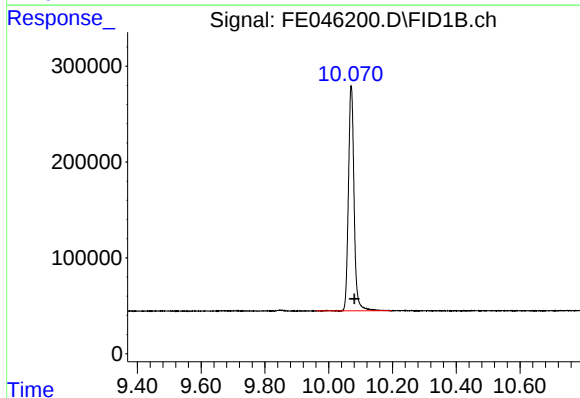
Manual Integrations
APPROVED

Reviewed By :Ankita Jodhani 01/15/2024
Supervised By :Sohil Jodhani 01/16/2024



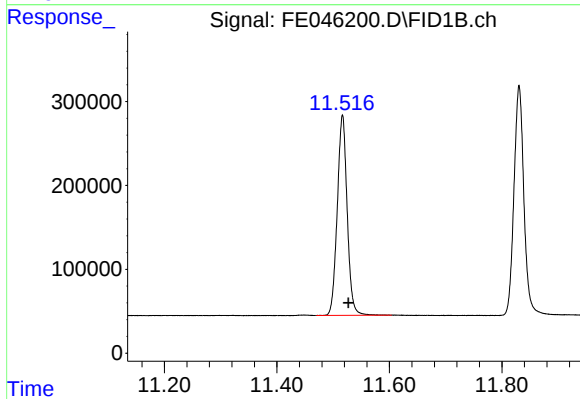
#6 n-Tetradecane (C14)

R.T.: 8.461 min
Delta R.T.: -0.009 min
Response: 2781096
Conc: 17.85 ug/ml



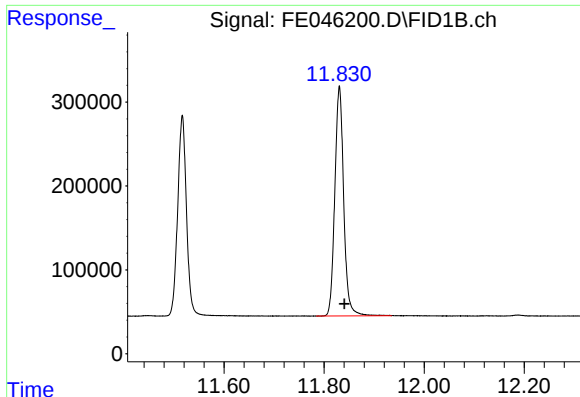
#7 n-Hexadecane (C16)

R.T.: 10.071 min
Delta R.T.: -0.010 min
Response: 2885112
Conc: 18.22 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.517 min
Delta R.T.: -0.010 min
Response: 2915995
Conc: 18.53 ug/ml



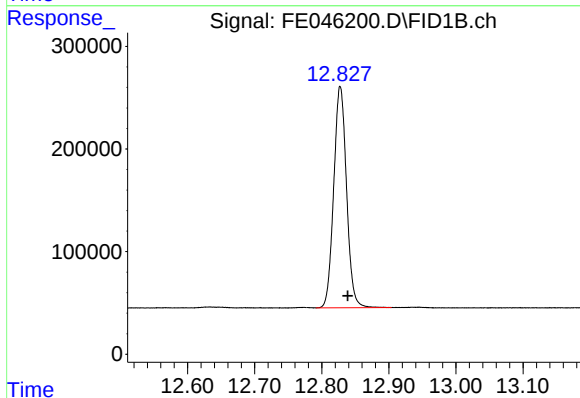
#9 ortho-Terphenyl (SURR)

R.T.: 11.831 min
Delta R.T.: -0.010 min
Response: 3373960
Conc: 18.57 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

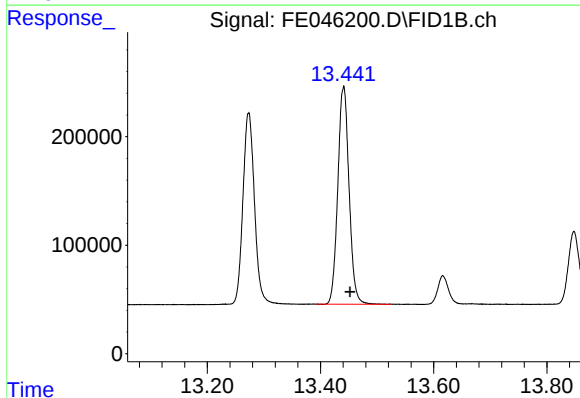
Manual Integrations
APPROVED

Reviewed By :Ankita Jodhani 01/15/2024
Supervised By :Sohil Jodhani 01/16/2024



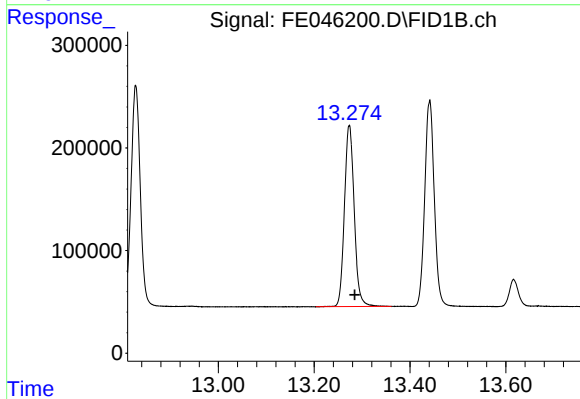
#10 n-Eicosane (C20)

R.T.: 12.828 min
Delta R.T.: -0.011 min
Response: 2866098
Conc: 18.95 ug/ml



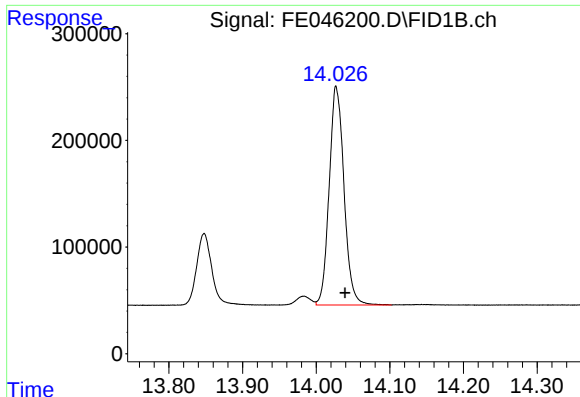
#11 n-Heneicosane (C21)

R.T.: 13.441 min
Delta R.T.: -0.012 min
Response: 2768117
Conc: 18.82 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.273 min
Delta R.T.: -0.011 min
Response: 2512235
Conc: 18.80 ug/ml



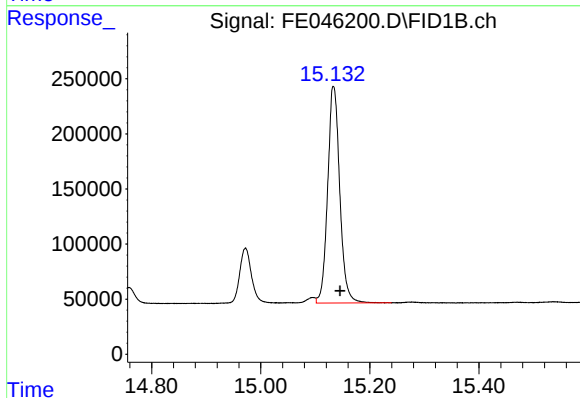
#13 n-Docosane (C22)

R.T.: 14.027 min
Delta R.T.: -0.012 min
Response: 2864276
Conc: 19.60 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

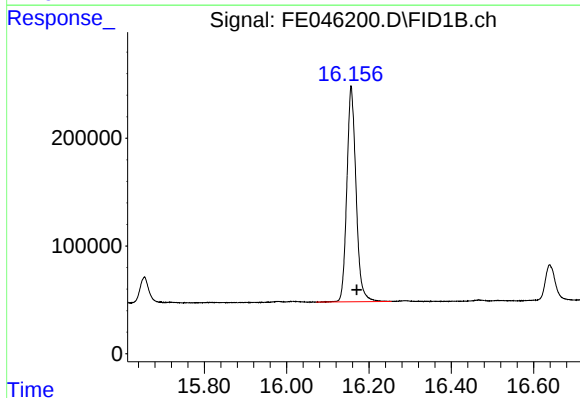
Manual Integrations
APPROVED

Reviewed By :Ankita Jodhani 01/15/2024
Supervised By :Sohil Jodhani 01/16/2024



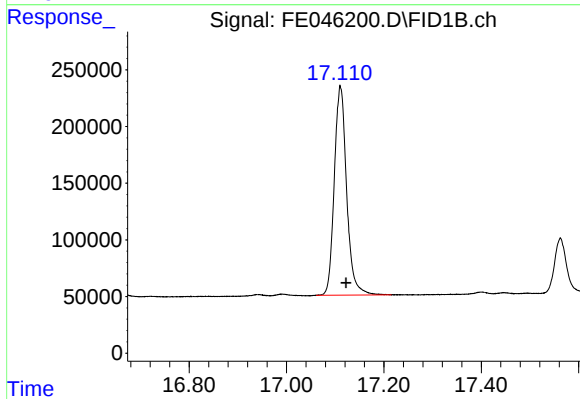
#14 n-Tetracosane (C24)

R.T.: 15.133 min
Delta R.T.: -0.012 min
Response: 3031037
Conc: 20.90 ug/ml



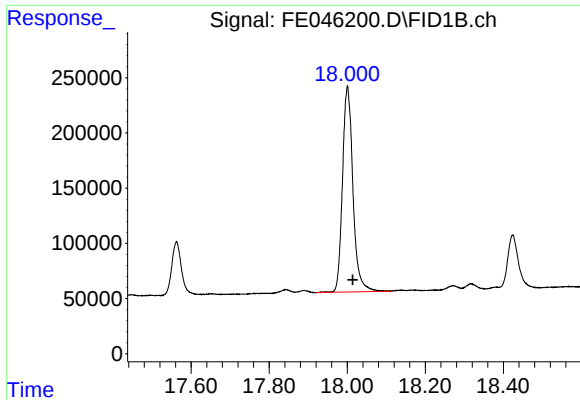
#15 n-Hexacosane (C26)

R.T.: 16.157 min
Delta R.T.: -0.013 min
Response: 3106653
Conc: 21.67 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.111 min
Delta R.T.: -0.012 min
Response: 3252447
Conc: 22.68 ug/ml



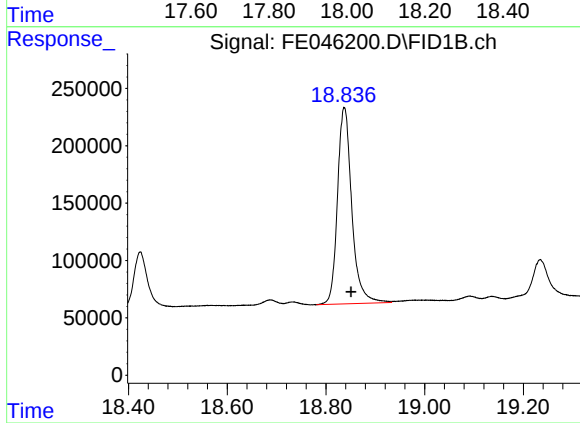
#17 n-Tricontane (C30)

R.T.: 18.001 min
Delta R.T.: -0.013 min
Response: 3460117
Conc: 23.28 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

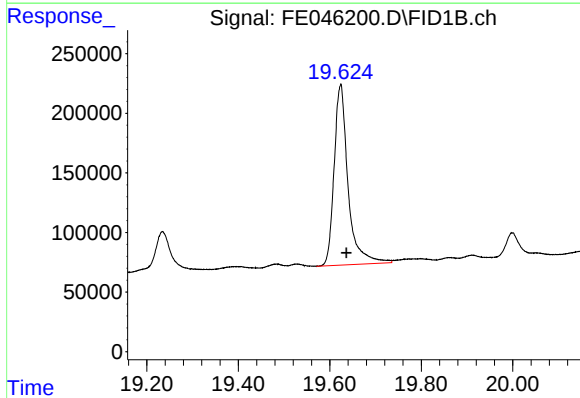
Manual Integrations
APPROVED

Reviewed By :Ankita Jodhani 01/15/2024
Supervised By :Sohil Jodhani 01/16/2024



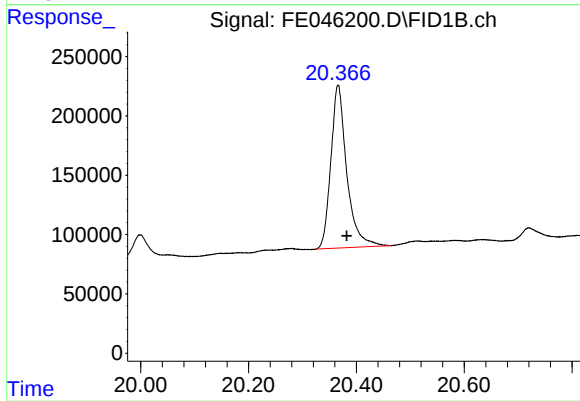
#18 n-Dotriacontane (C32)

R.T.: 18.837 min
Delta R.T.: -0.014 min
Response: 3444362
Conc: 23.03 ug/ml



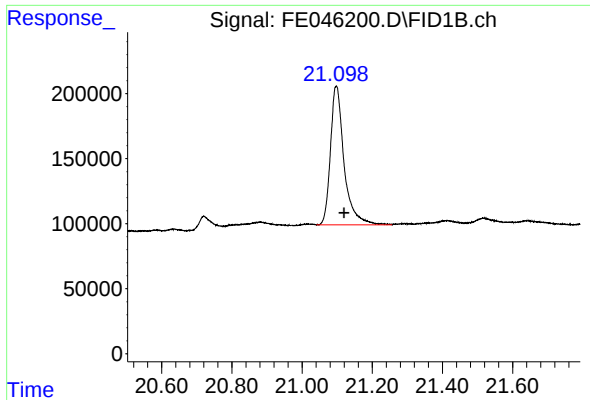
#19 n-Tetratriacontane (C34)

R.T.: 19.623 min
Delta R.T.: -0.013 min
Response: 3204577
Conc: 22.37 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.366 min
Delta R.T.: -0.016 min
Response: 2814647
Conc: 19.30 ug/ml



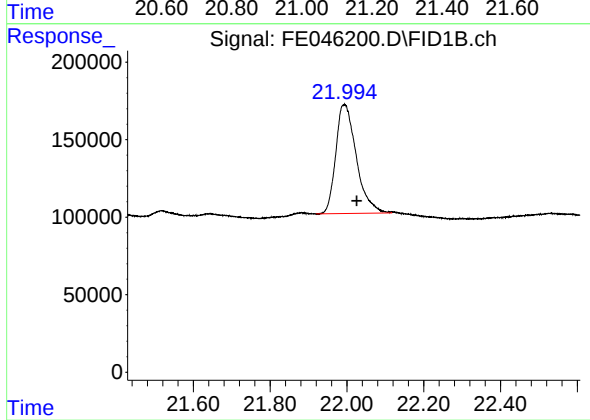
#21 n-Octatriacontane (C38)

R.T.: 21.097 min
Delta R.T.: -0.022 min
Response: 2872246
Conc: 19.48 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

Manual Integrations
APPROVED

Reviewed By :Ankita Jodhani 01/15/2024
Supervised By :Sohil Jodhani 01/16/2024



#22 n-Tetracontane (C40)

R.T.: 21.994 min
Delta R.T.: -0.031 min
Response: 2609335
Conc: 16.67 ug/ml m