

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE101823AL\
 Data File : FE044917.D
 Signal(s) : FID1B.ch
 Acq On : 18 Oct 2023 11:16
 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 10/18/2023
 Supervised By :Ankita Jodhani 10/18/2023

Integration File: autoint1.e
 Quant Time: Oct 18 12:24:26 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 101123.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 12 06:15:32 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)	11.901	3940312	19.656 ug/ml
Spiked Amount 50.000		Recovery =	39.31%
12) S 1-chlorooctadecane (S...	13.343	2869839	19.393 ug/ml
Spiked Amount 50.000		Recovery =	38.79%
Target Compounds			
1) T n-Nonane (C9)	3.287	3156761	18.818 ug/ml
2) T n-Decane (C10)	4.539	3314950	19.460 ug/ml
3) T A~Naphthalene (C11.7)	6.238	3613521	19.520 ug/ml
4) T n-Dodecane (C12)	6.704	3357893	19.452 ug/ml
5) T A~2-methylnaphthalene...	7.335	3514557	19.483 ug/ml
6) T n-Tetradecane (C14)	8.531	3338574	19.469 ug/ml
7) T n-Hexadecane (C16)	10.141	3416991	19.540 ug/ml
8) T n-Octadecane (C18)	11.587	3424100	19.632 ug/ml
10) T n-Eicosane (C20)	12.899	3285408	19.670 ug/ml
11) T n-Heneicosane (C21)	13.512	3194978	19.600 ug/ml
13) T n-Docosane (C22)	14.098	3153224	19.713 ug/ml
14) T n-Tetracosane (C24)	15.203	3103106	19.995 ug/ml
15) T n-Hexacosane (C26)	16.225	3027868	20.168 ug/ml
16) T n-Octacosane (C28)	17.177	3077378	20.957 ug/ml
17) T n-Tricontane (C30)	18.067	3298721	22.179 ug/ml
18) T n-Dotriacontane (C32)	18.900	3467304	23.101 ug/ml
19) T n-Tetratriacontane (C34)	19.686	3322461	22.319 ug/ml
20) T n-Hexatriacontane (C36)	20.425	3323679	21.619 ug/mlm
21) T n-Octatriacontane (C38)	21.164	3295126	21.094 ug/ml
22) T n-Tetracontane (C40)	22.080	3383575	20.246 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE101823AL\
Data File : FE044917.D
Signal(s) : FID1B.ch
Acq On : 18 Oct 2023 11:16
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 3 Sample Multiplier: 1

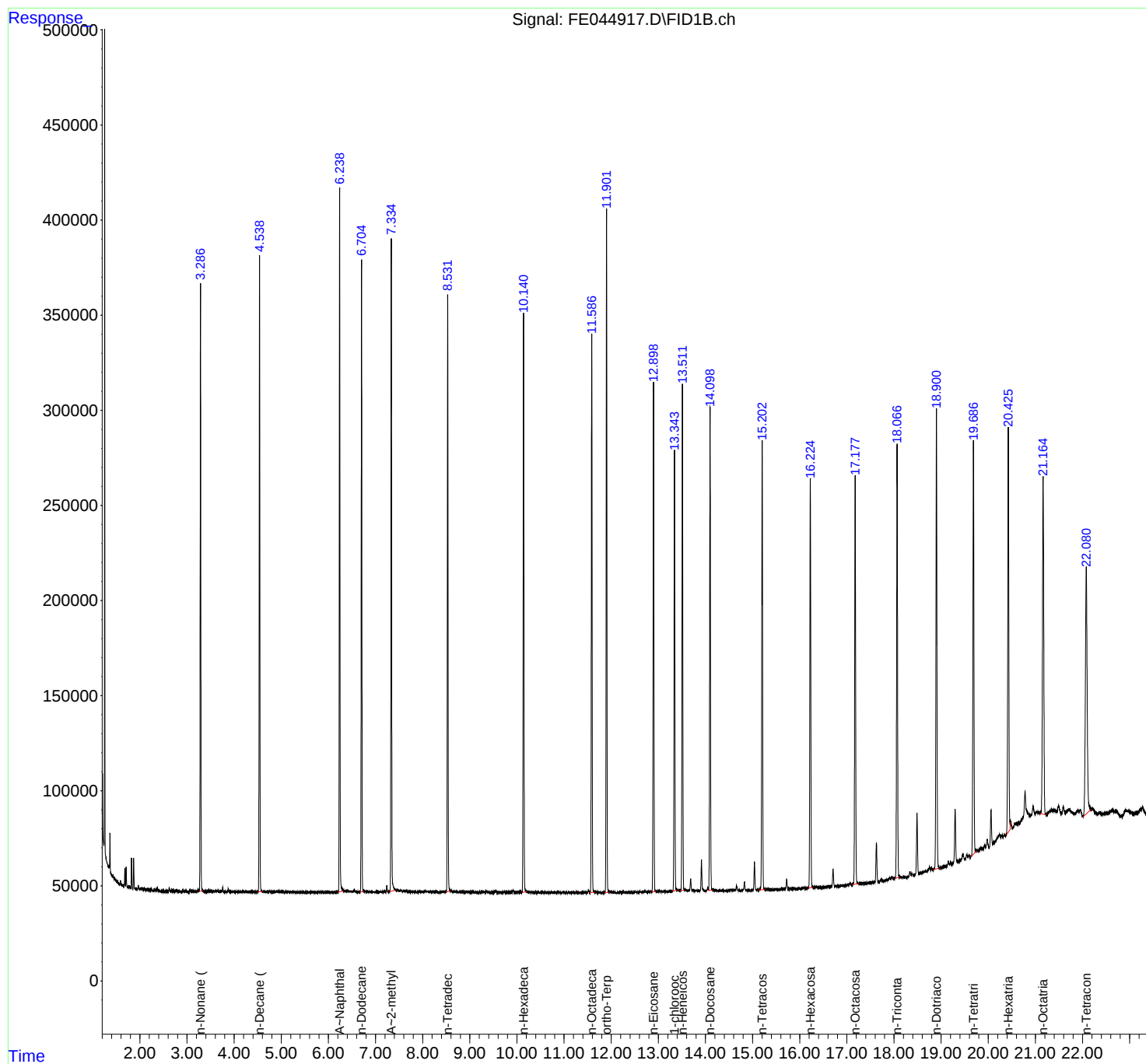
Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

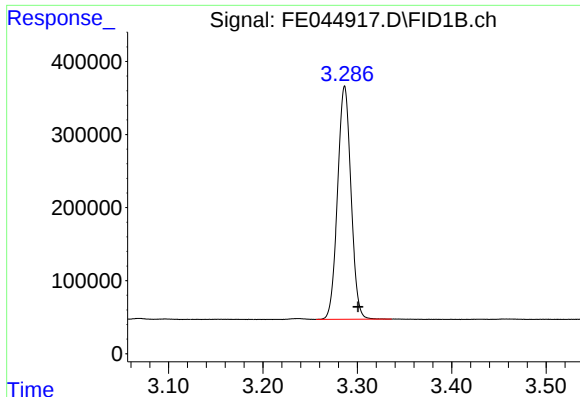
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/18/2023
Supervised By :Ankita Jodhani 10/18/2023

Integration File: autoint1.e
Quant Time: Oct 18 12:24:26 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 101123.M
Quant Title : GC Extractables
QLast Update : Thu Oct 12 06:15:32 2023
Response via : Initial Calibration
Integrator: ChemStation

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





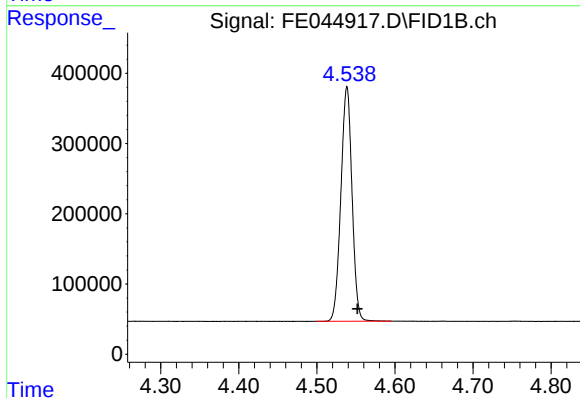
#1 n-Nonane (C9)

R.T.: 3.287 min
Delta R.T.: -0.014 min
Response: 3156761
Conc: 18.82 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

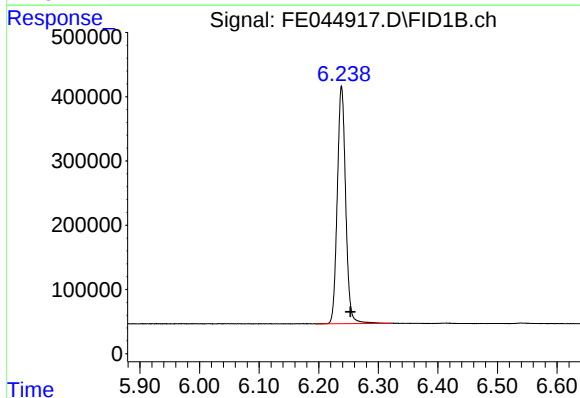
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/18/2023
Supervised By :Ankita Jodhani 10/18/2023



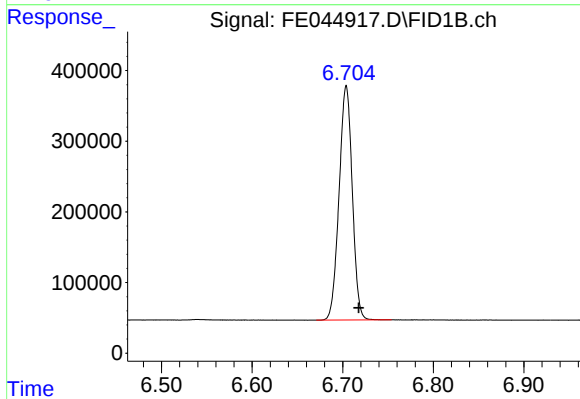
#2 n-Decane (C10)

R.T.: 4.539 min
Delta R.T.: -0.014 min
Response: 3314950
Conc: 19.46 ug/ml



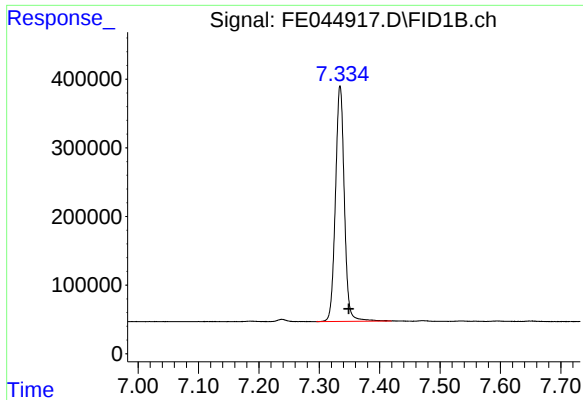
#3 A~Naphthalene (C11.7)

R.T.: 6.238 min
Delta R.T.: -0.015 min
Response: 3613521
Conc: 19.52 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.704 min
Delta R.T.: -0.014 min
Response: 3357893
Conc: 19.45 ug/ml



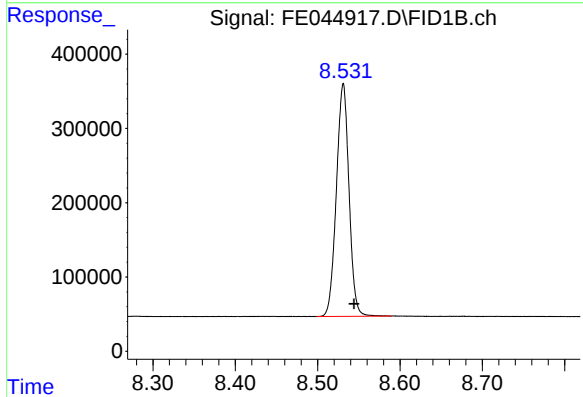
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.335 min
Delta R.T.: -0.014 min
Response: 3514557
Conc: 19.48 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

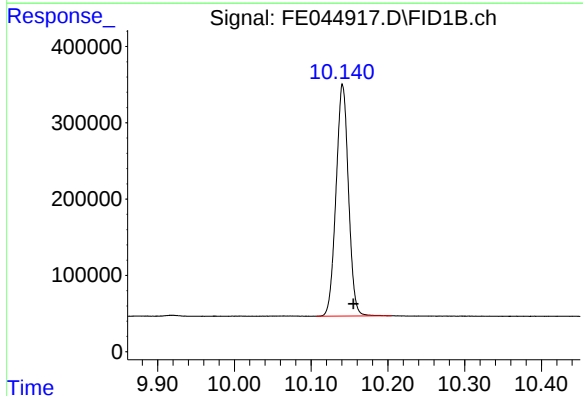
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/18/2023
Supervised By :Ankita Jodhani 10/18/2023



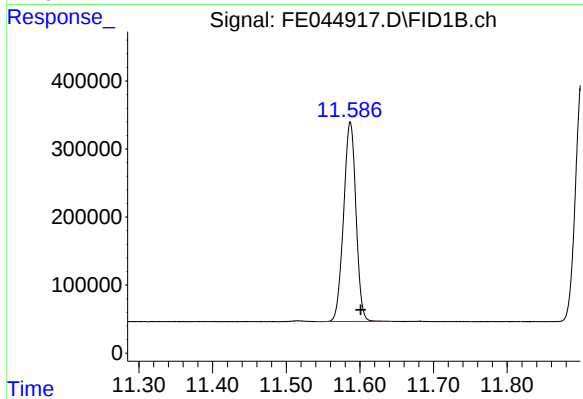
#6 n-Tetradecane (C14)

R.T.: 8.531 min
Delta R.T.: -0.013 min
Response: 3338574
Conc: 19.47 ug/ml



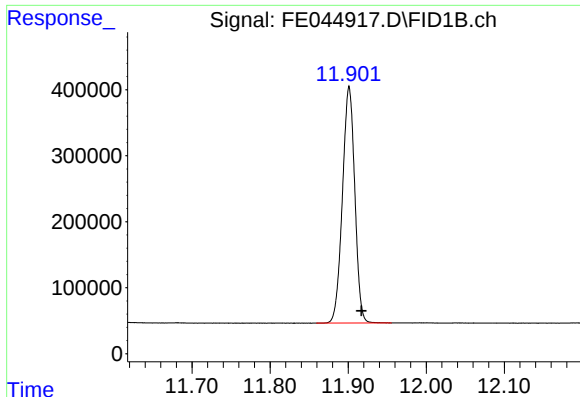
#7 n-Hexadecane (C16)

R.T.: 10.141 min
Delta R.T.: -0.014 min
Response: 3416991
Conc: 19.54 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.587 min
Delta R.T.: -0.014 min
Response: 3424100
Conc: 19.63 ug/ml



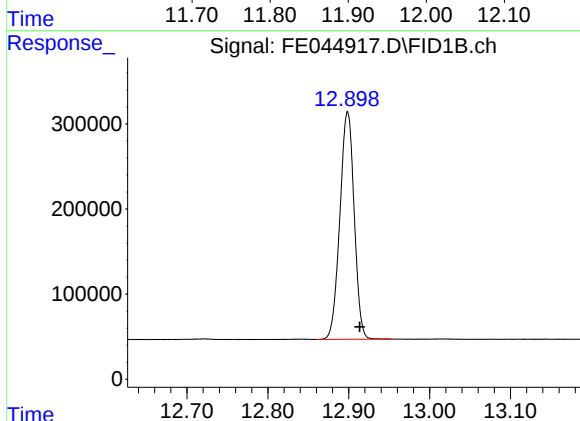
#9 ortho-Terphenyl (SURR)

R.T.: 11.901 min
Delta R.T.: -0.016 min
Response: 3940312
Conc: 19.66 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

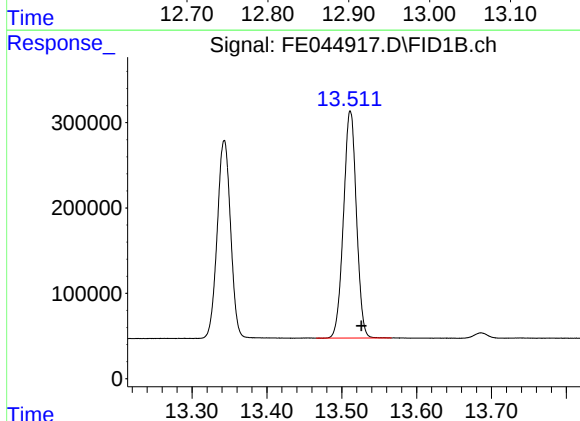
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/18/2023
Supervised By :Ankita Jodhani 10/18/2023



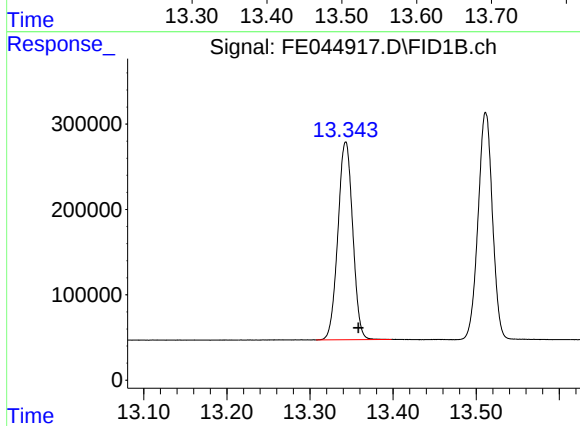
#10 n-Eicosane (C20)

R.T.: 12.899 min
Delta R.T.: -0.015 min
Response: 3285408
Conc: 19.67 ug/ml



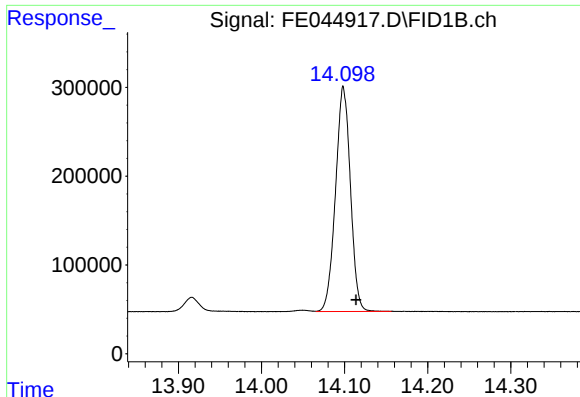
#11 n-Heneicosane (C21)

R.T.: 13.512 min
Delta R.T.: -0.015 min
Response: 3194978
Conc: 19.60 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.343 min
Delta R.T.: -0.015 min
Response: 2869839
Conc: 19.39 ug/ml



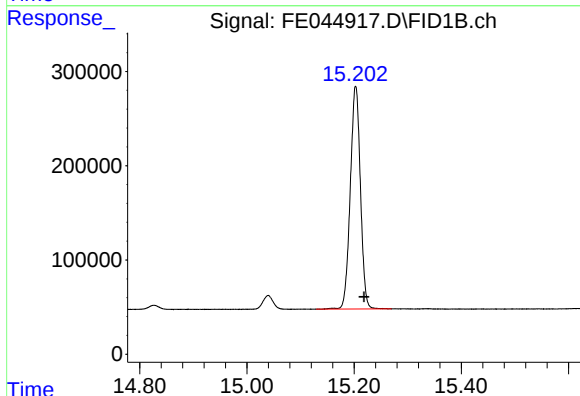
#13 n-Docosane (C22)

R.T.: 14.098 min
Delta R.T.: -0.015 min
Response: 3153224
Conc: 19.71 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

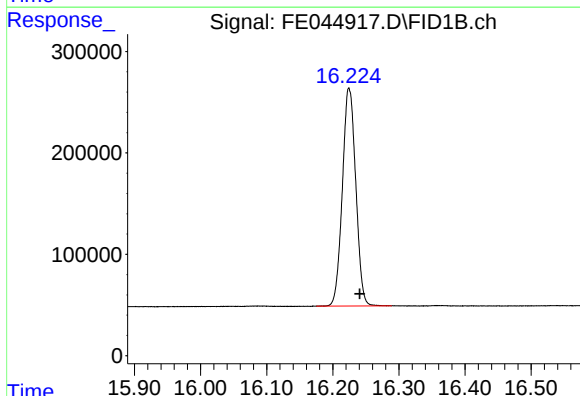
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/18/2023
Supervised By :Ankita Jodhani 10/18/2023



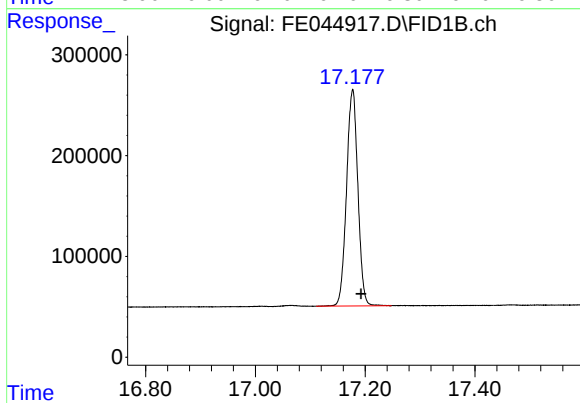
#14 n-Tetracosane (C24)

R.T.: 15.203 min
Delta R.T.: -0.016 min
Response: 3103106
Conc: 19.99 ug/ml



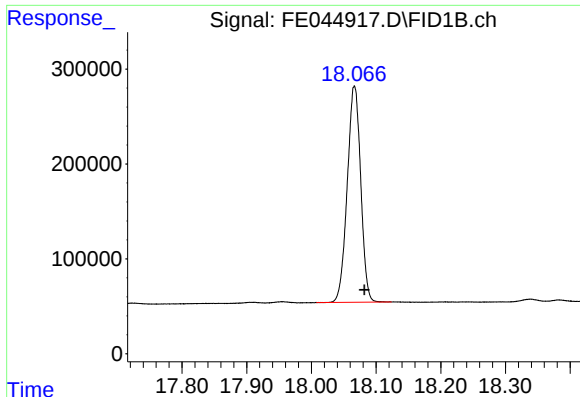
#15 n-Hexacosane (C26)

R.T.: 16.225 min
Delta R.T.: -0.016 min
Response: 3027868
Conc: 20.17 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.177 min
Delta R.T.: -0.015 min
Response: 3077378
Conc: 20.96 ug/ml



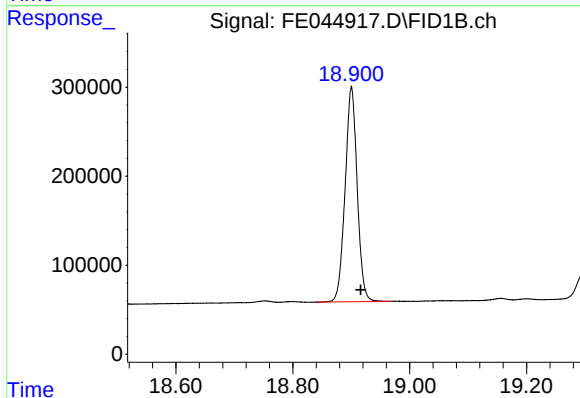
#17 n-Tricontane (C30)

R.T.: 18.067 min
Delta R.T.: -0.015 min
Response: 3298721
Conc: 22.18 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

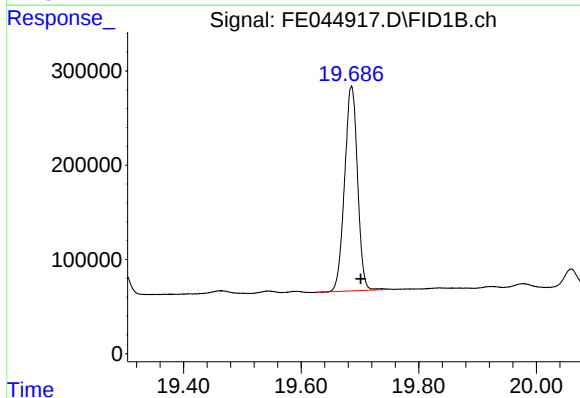
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/18/2023
Supervised By :Ankita Jodhani 10/18/2023



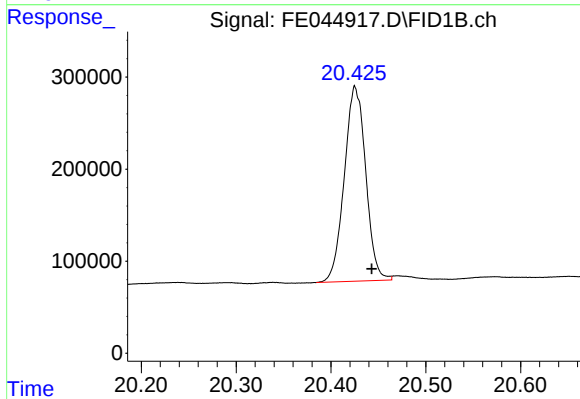
#18 n-Dotriacontane (C32)

R.T.: 18.900 min
Delta R.T.: -0.016 min
Response: 3467304
Conc: 23.10 ug/ml



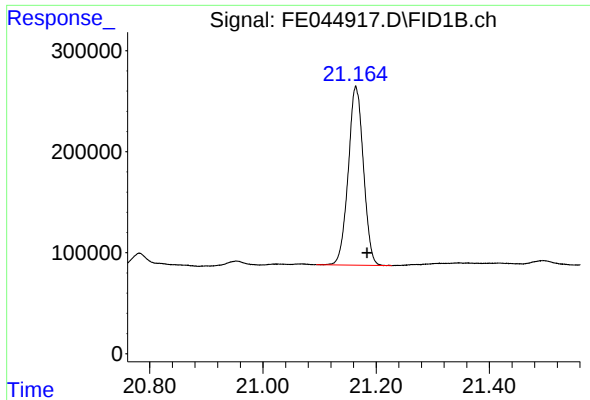
#19 n-Tetratriacontane (C34)

R.T.: 19.686 min
Delta R.T.: -0.016 min
Response: 3322461
Conc: 22.32 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.425 min
Delta R.T.: -0.018 min
Response: 3323679
Conc: 21.62 ug/ml m



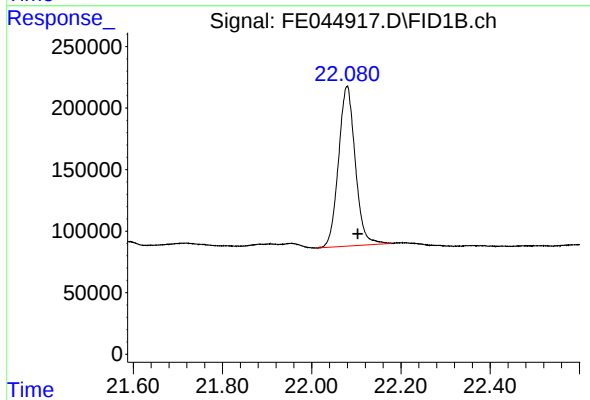
#21 n-Octatriacontane (C38)

R.T.: 21.164 min
Delta R.T.: -0.020 min
Response: 3295126
Conc: 21.09 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/18/2023
Supervised By :Ankita Jodhani 10/18/2023



#22 n-Tetracontane (C40)

R.T.: 22.080 min
Delta R.T.: -0.024 min
Response: 3383575
Conc: 20.25 ug/ml