

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE041924AL\
 Data File : FE047715.D
 Signal(s) : FID1B.ch
 Acq On : 19 Apr 2024 23:07
 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

Integration File: autoint1.e
 Quant Time: Apr 19 23:38:33 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)	11.978	3491125	20.128 ug/ml
Spiked Amount 50.000		Recovery =	40.26%
12) S 1-chlorooctadecane (S...	13.412	2711683	20.162 ug/ml
Spiked Amount 50.000		Recovery =	40.32%
Target Compounds			
1) T n-Nonane (C9)	3.358	3061271	19.567 ug/ml
2) T n-Decane (C10)	4.610	3148075	19.588 ug/ml
3) T A~Naphthalene (C11.7)	6.318	3348183	19.747 ug/ml
4) T n-Dodecane (C12)	6.777	3175829	19.567 ug/ml
5) T A~2-methylnaphthalene...	7.414	3236777	19.710 ug/ml
6) T n-Tetradecane (C14)	8.605	3183419	19.788 ug/ml
7) T n-Hexadecane (C16)	10.213	3313510	19.952 ug/ml
8) T n-Octadecane (C18)	11.656	3366539	20.075 ug/ml
10) T n-Eicosane (C20)	12.966	3260471	20.126 ug/ml
11) T n-Heneicosane (C21)	13.578	3198584	20.158 ug/ml
13) T n-Docosane (C22)	14.163	3224171	20.091 ug/ml
14) T n-Tetracosane (C24)	15.266	3287286	19.915 ug/ml
15) T n-Hexacosane (C26)	16.286	3312816	20.042 ug/ml
16) T n-Octacosane (C28)	17.236	3362488	20.291 ug/ml
17) T n-Tricontane (C30)	18.122	3595086	21.175 ug/ml
18) T n-Dotriacontane (C32)	18.954	3597986	21.577 ug/ml
19) T n-Tetratriacontane (C34)	19.737	3521853	21.959 ug/ml
20) T n-Hexatriacontane (C36)	20.476	3321428	20.824 ug/ml
21) T n-Octatriacontane (C38)	21.219	3300834	20.310 ug/ml
22) T n-Tetracontane (C40)	22.148	3273696	19.995 ug/ml

(f)=RT Delta > 1/2 Window

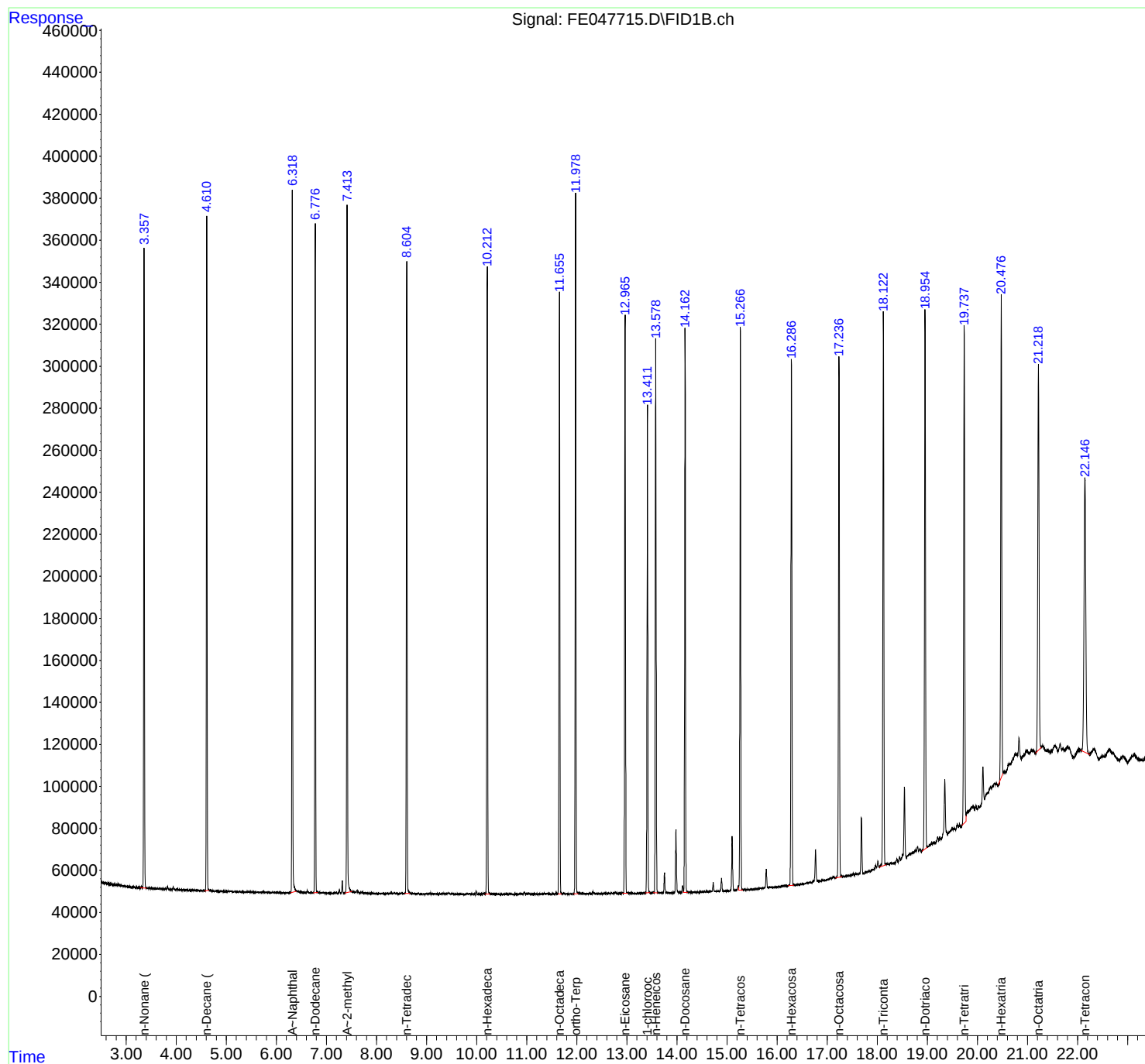
(m)=manual int.

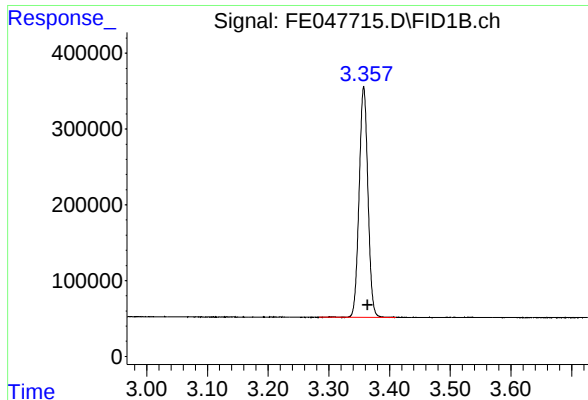
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE041924AL\
Data File : FE047715.D
Signal(s) : FID1B.ch
Acq On : 19 Apr 2024 23:07
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
Quant Time: Apr 19 23:38:33 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

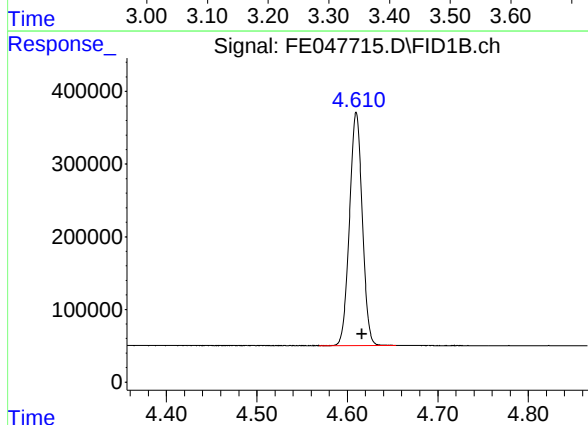




#1 n-Nonane (C9)

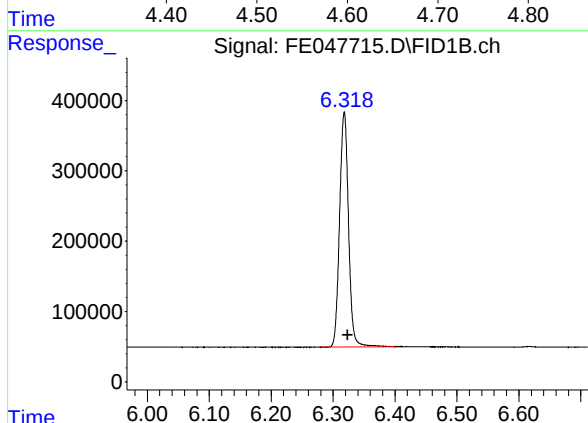
R.T.: 3.358 min
Delta R.T.: -0.006 min
Response: 3061271
Conc: 19.57 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



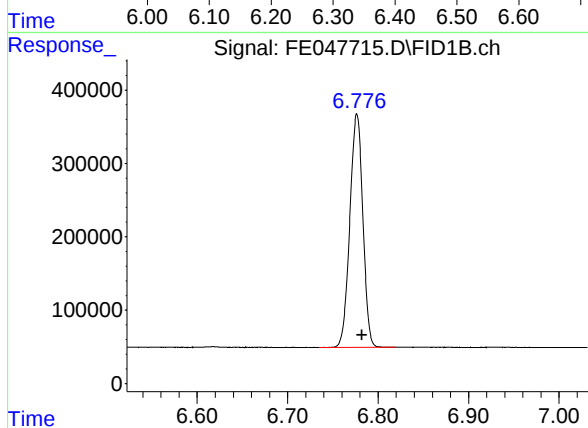
#2 n-Decane (C10)

R.T.: 4.610 min
Delta R.T.: -0.006 min
Response: 3148075
Conc: 19.59 ug/ml



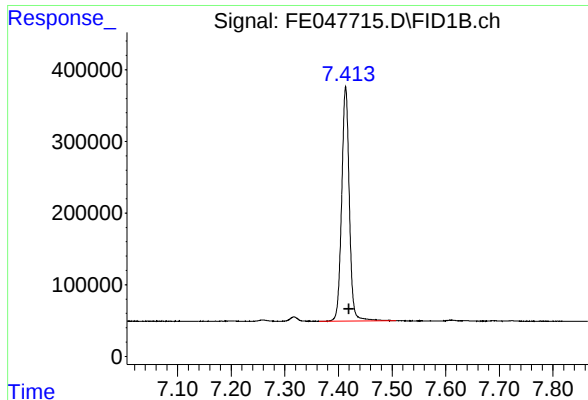
#3 A~Naphthalene (C11.7)

R.T.: 6.318 min
Delta R.T.: -0.005 min
Response: 3348183
Conc: 19.75 ug/ml



#4 n-Dodecane (C12)

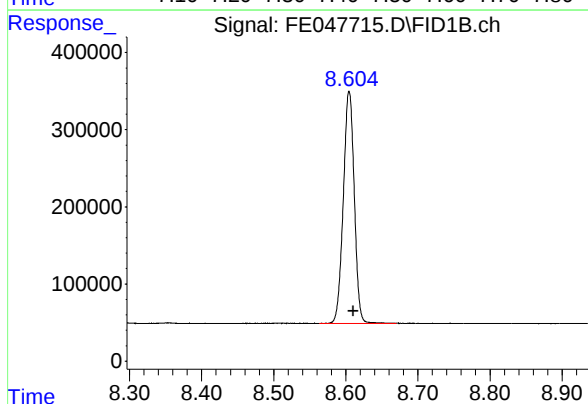
R.T.: 6.777 min
Delta R.T.: -0.005 min
Response: 3175829
Conc: 19.57 ug/ml



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

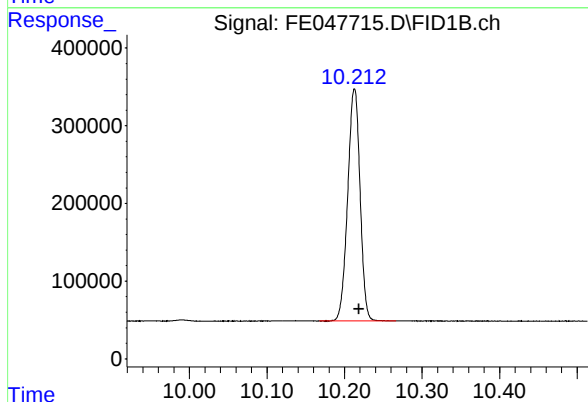
R.T.: 7.414 min
Delta R.T.: -0.006 min
Response: 3236777
Conc: 19.71 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



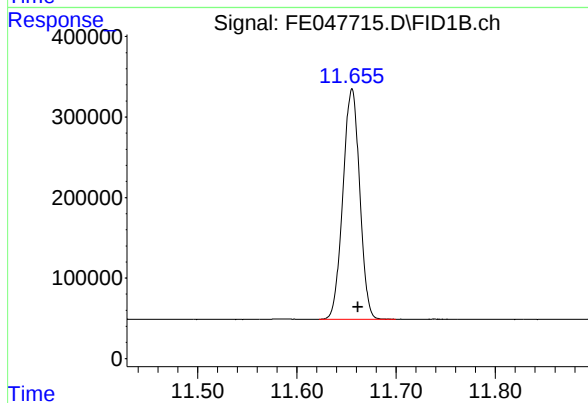
#6 n-Tetradecane (C14)

R.T.: 8.605 min
Delta R.T.: -0.006 min
Response: 3183419
Conc: 19.79 ug/ml



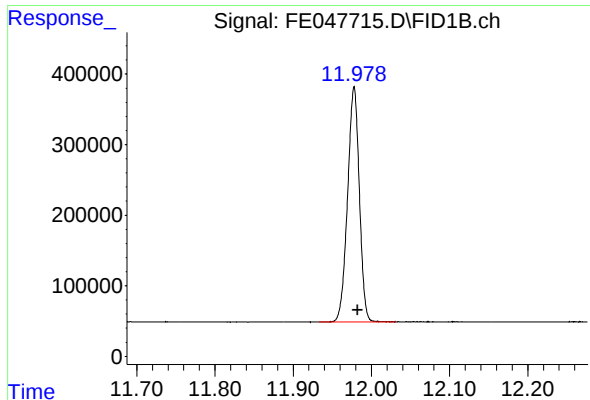
#7 n-Hexadecane (C16)

R.T.: 10.213 min
Delta R.T.: -0.006 min
Response: 3313510
Conc: 19.95 ug/ml



#8 n-Octadecane (C18)

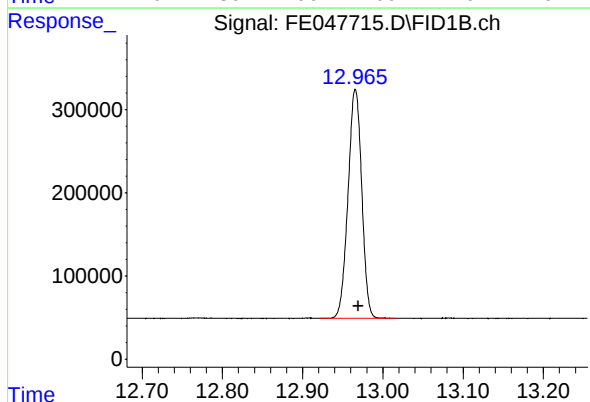
R.T.: 11.656 min
Delta R.T.: -0.006 min
Response: 3366539
Conc: 20.07 ug/ml



#9 ortho-Terphenyl (SURR)

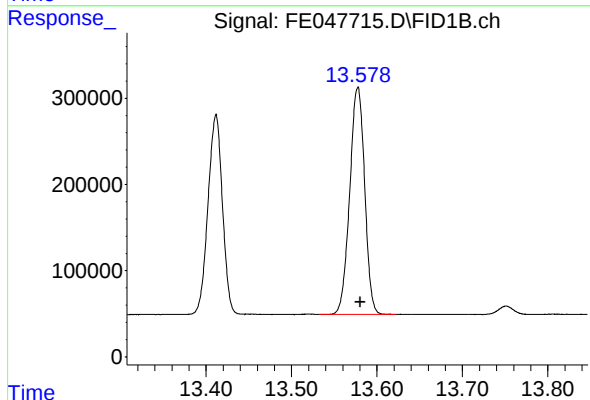
R.T.: 11.978 min
Delta R.T.: -0.004 min
Response: 3491125
Conc: 20.13 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



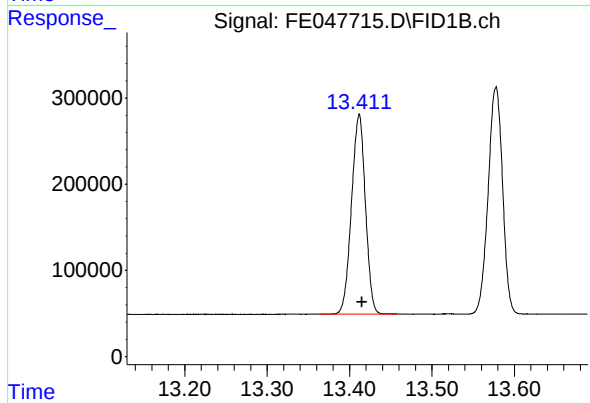
#10 n-Eicosane (C20)

R.T.: 12.966 min
Delta R.T.: -0.004 min
Response: 3260471
Conc: 20.13 ug/ml



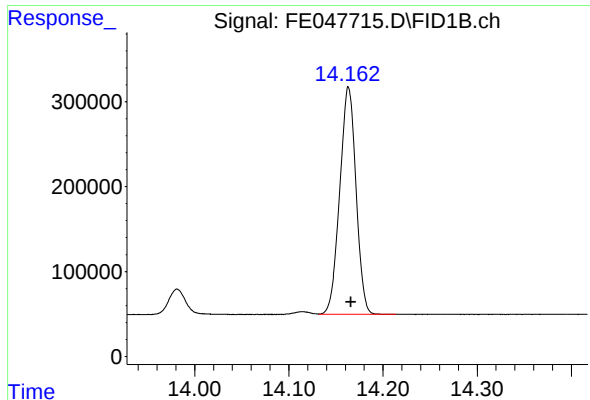
#11 n-Heneicosane (C21)

R.T.: 13.578 min
Delta R.T.: -0.003 min
Response: 3198584
Conc: 20.16 ug/ml



#12 1-chlorooctadecane (SURR)

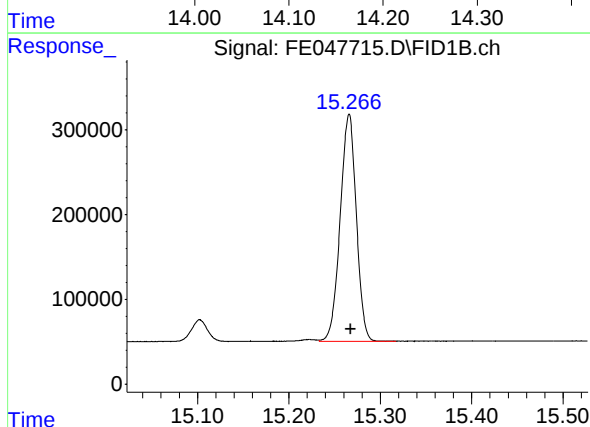
R.T.: 13.412 min
Delta R.T.: -0.003 min
Response: 2711683
Conc: 20.16 ug/ml



#13 n-Docosane (C22)

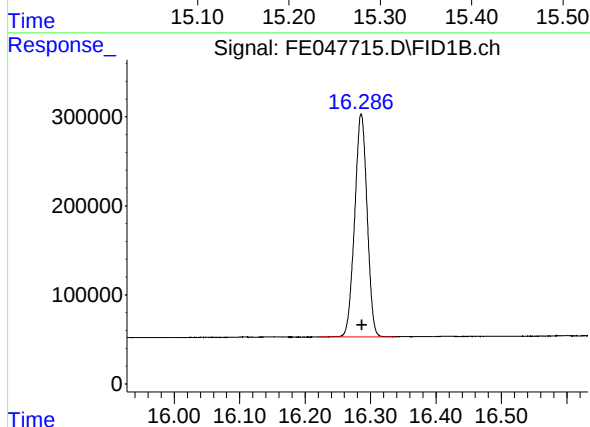
R.T.: 14.163 min
Delta R.T.: -0.003 min
Response: 3224171
Conc: 20.09 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



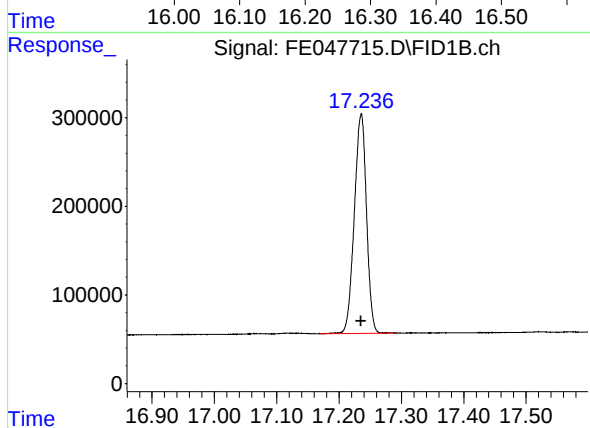
#14 n-Tetracosane (C24)

R.T.: 15.266 min
Delta R.T.: -0.002 min
Response: 3287286
Conc: 19.92 ug/ml



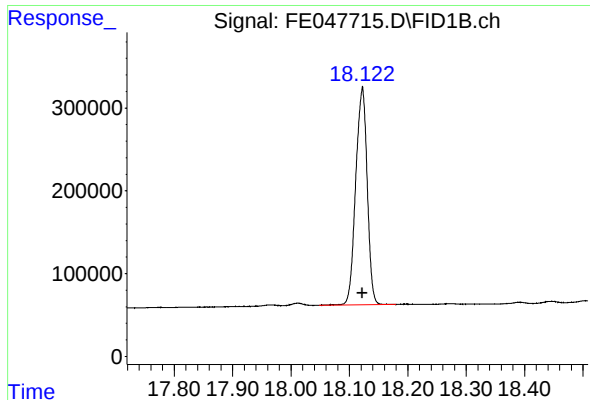
#15 n-Hexacosane (C26)

R.T.: 16.286 min
Delta R.T.: -0.001 min
Response: 3312816
Conc: 20.04 ug/ml



#16 n-Octacosane (C28)

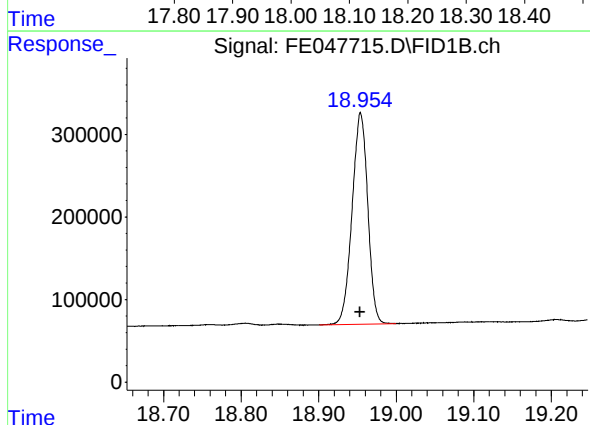
R.T.: 17.236 min
Delta R.T.: 0.000 min
Response: 3362488
Conc: 20.29 ug/ml



#17 n-Tricontane (C30)

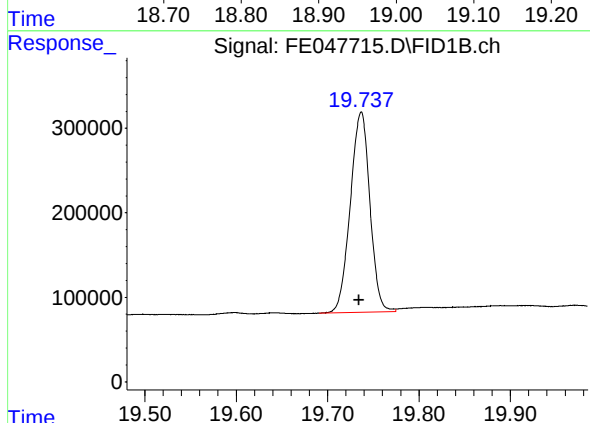
R.T.: 18.122 min
Delta R.T.: 0.000 min
Response: 3595086
Conc: 21.18 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



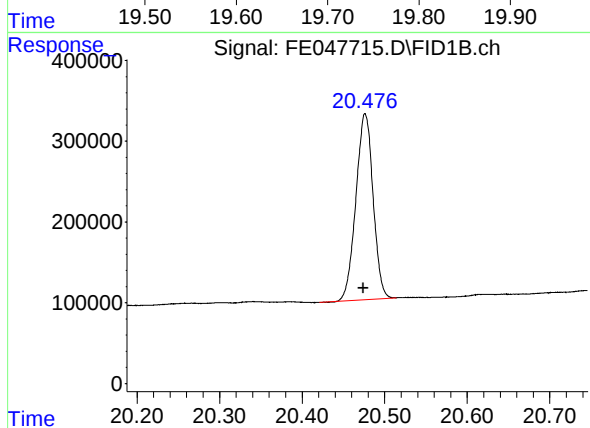
#18 n-Dotriacontane (C32)

R.T.: 18.954 min
Delta R.T.: 0.000 min
Response: 3597986
Conc: 21.58 ug/ml



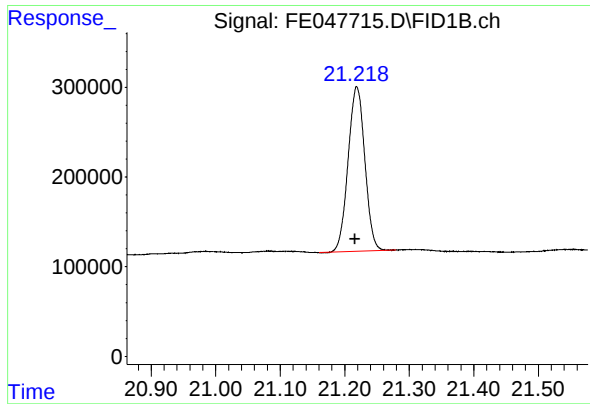
#19 n-Tetatriacontane (C34)

R.T.: 19.737 min
Delta R.T.: 0.003 min
Response: 3521853
Conc: 21.96 ug/ml



#20 n-Hexatriacontane (C36)

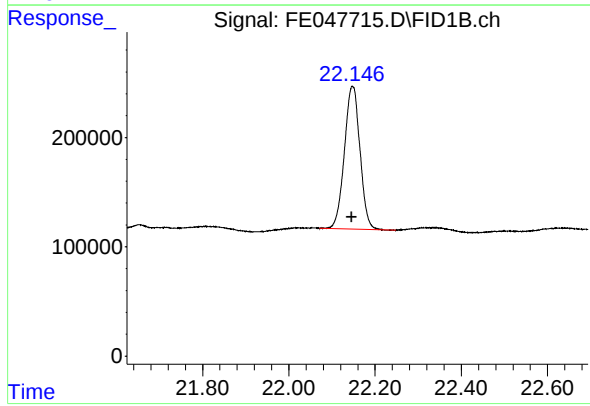
R.T.: 20.476 min
Delta R.T.: 0.003 min
Response: 3321428
Conc: 20.82 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.219 min
Delta R.T.: 0.003 min
Response: 3300834
Conc: 20.31 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.148 min
Delta R.T.: 0.002 min
Response: 3273696
Conc: 20.00 ug/ml