

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE081424AL\
 Data File : FE049593.D
 Signal(s) : FID1B.ch
 Acq On : 14 Aug 2024 12:08
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD CCC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD CCC

Integration File: autoint1.e
 Quant Time: Aug 14 12:33:19 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 081424.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 14 11:05:17 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)	11.887	3338889	20.647 ug/ml
Spiked Amount 50.000		Recovery =	41.29%
12) S 1-chlorooctadecane (S...	13.322	2546213	20.870 ug/ml
Spiked Amount 50.000		Recovery =	41.74%
Target Compounds			
1) T n-Nonane (C9)	3.277	3010552	19.454 ug/ml
2) T n-Decane (C10)	4.528	3166639	20.056 ug/ml
3) T A~Naphthalene (C11.7)	6.234	3229766	20.129 ug/ml
4) T n-Dodecane (C12)	6.695	3189354	20.287 ug/ml
5) T A~2-methylnaphthalene...	7.330	3078924	20.560 ug/ml
6) T n-Tetradecane (C14)	8.522	3140752	20.344 ug/ml
7) T n-Hexadecane (C16)	10.127	3200393	20.492 ug/ml
8) T n-Octadecane (C18)	11.570	3244098	20.656 ug/ml
10) T n-Eicosane (C20)	12.877	3083649	20.653 ug/ml
11) T n-Heneicosane (C21)	13.489	3038342	20.712 ug/ml
13) T n-Docosane (C22)	14.074	3015312	20.688 ug/ml
14) T n-Tetracosane (C24)	15.176	3008726	20.683 ug/ml
15) T n-Hexacosane (C26)	16.196	2998633	20.777 ug/ml
16) T n-Octacosane (C28)	17.145	3030453	21.039 ug/ml
17) T n-Tricontane (C30)	18.031	3219935	21.509 ug/ml
18) T n-Dotriacontane (C32)	18.861	3294359	21.776 ug/ml
19) T n-Tetratriacontane (C34)	19.644	3281070	21.462 ug/ml
20) T n-Hexatriacontane (C36)	20.384	3214962	21.172 ug/ml
21) T n-Octatriacontane (C38)	21.111	3214311	20.479 ug/ml
22) T n-Tetracontane (C40)	22.005	3143289	20.588 ug/ml

(f)=RT Delta > 1/2 Window

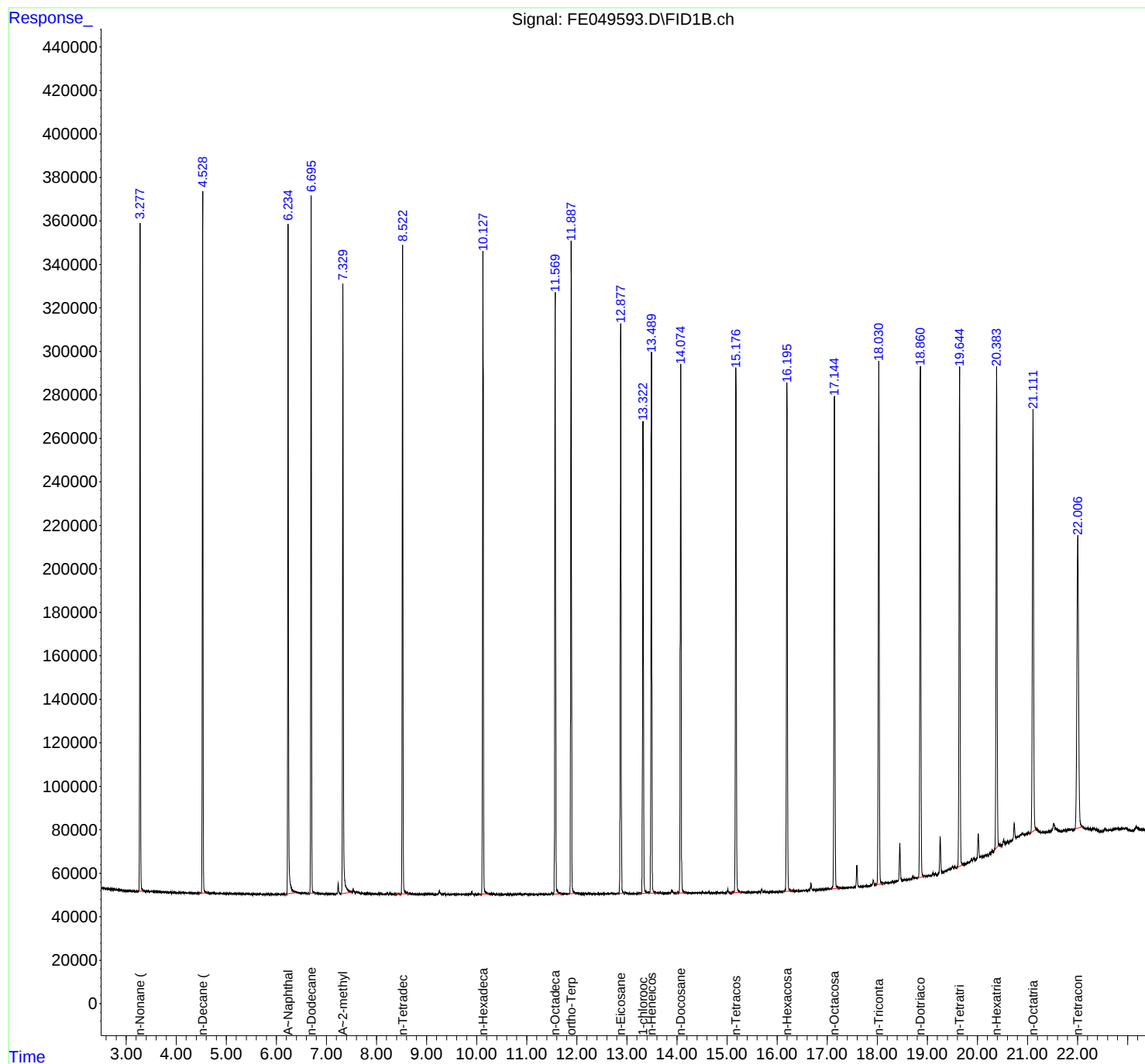
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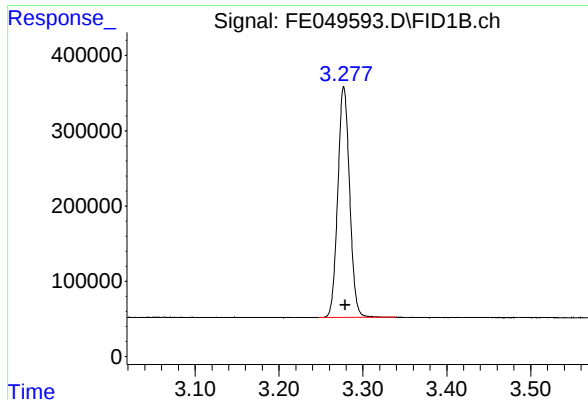
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#1 n-Nonane (C9)

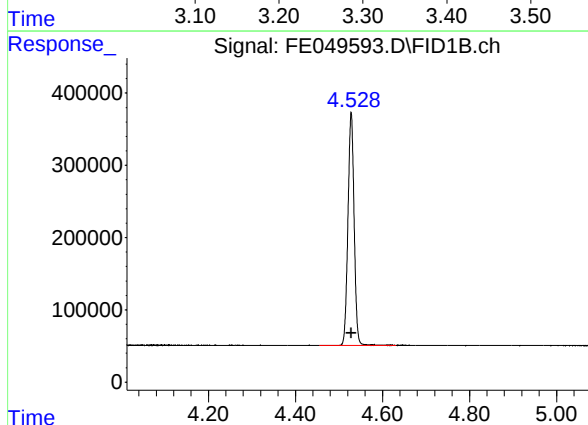
R.T.: 3.277 min
Delta R.T.: -0.002 min
Response: 3010552
Conc: 19.45 ug/ml

Instrument :

FID_E

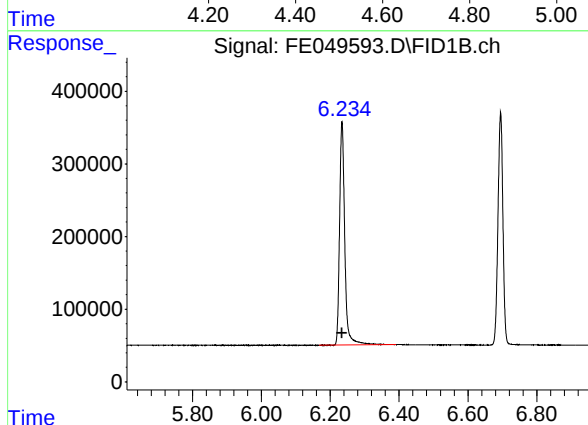
ClientSampleId :

20 PPM ALIPHATIC HC STD CCC



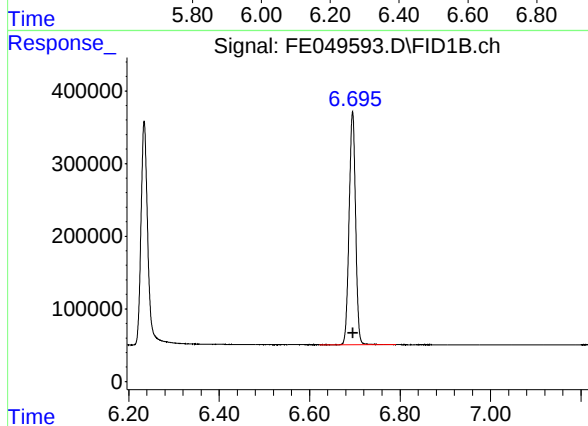
#2 n-Decane (C10)

R.T.: 4.528 min
Delta R.T.: 0.000 min
Response: 3166639
Conc: 20.06 ug/ml



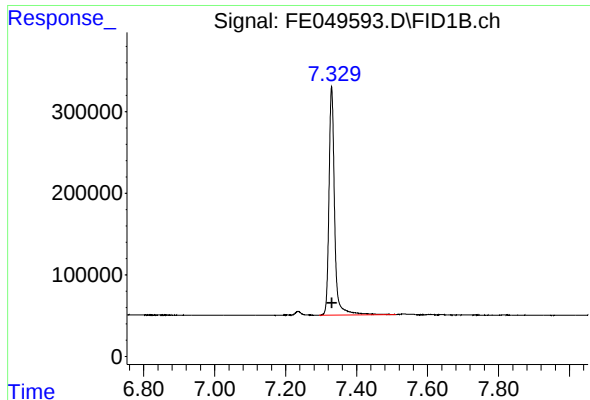
#3 A~Naphthalene (C11.7)

R.T.: 6.234 min
Delta R.T.: 0.000 min
Response: 3229766
Conc: 20.13 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.695 min
Delta R.T.: 0.000 min
Response: 3189354
Conc: 20.29 ug/ml



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

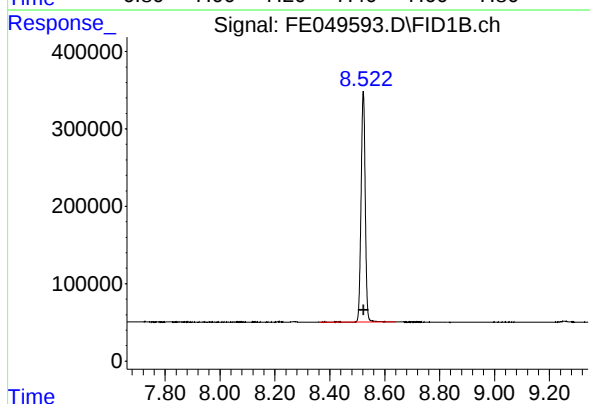
R.T.: 7.330 min
Delta R.T.: 0.000 min
Response: 3078924
Conc: 20.56 ug/ml

Instrument :

FID_E

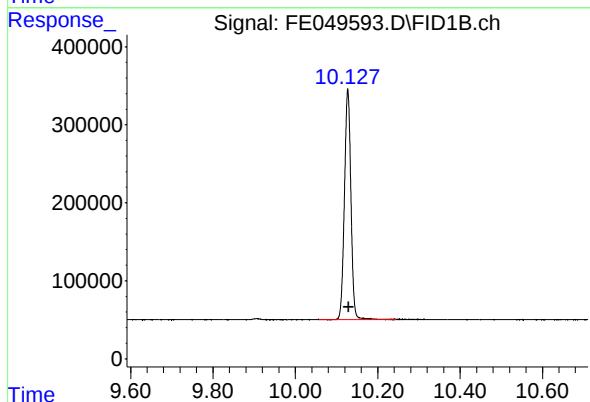
ClientSampleId :

20 PPM ALIPHATIC HC STD CCC



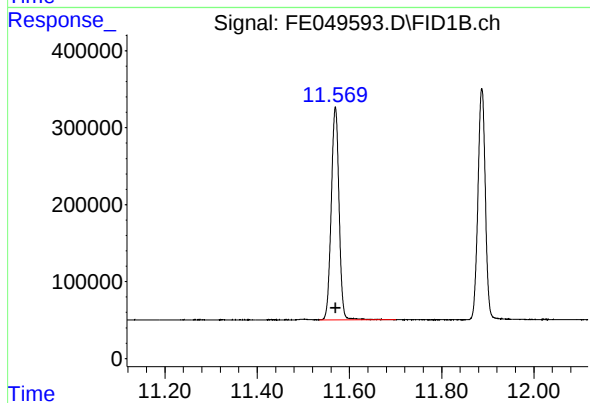
#6 n-Tetradecane (C14)

R.T.: 8.522 min
Delta R.T.: 0.000 min
Response: 3140752
Conc: 20.34 ug/ml



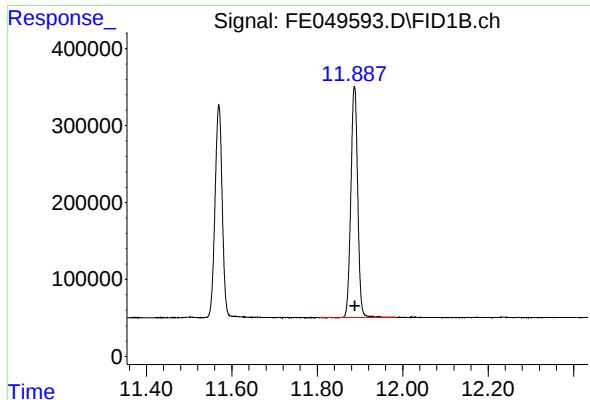
#7 n-Hexadecane (C16)

R.T.: 10.127 min
Delta R.T.: -0.001 min
Response: 3200393
Conc: 20.49 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.570 min
Delta R.T.: 0.000 min
Response: 3244098
Conc: 20.66 ug/ml



#9 ortho-Terphenyl (SURR)

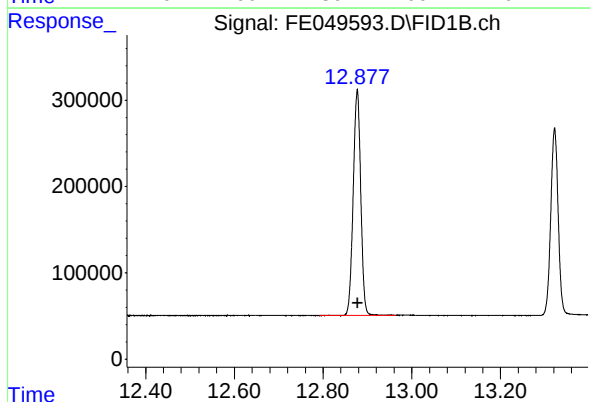
R.T.: 11.887 min
Delta R.T.: -0.001 min
Response: 3338889
Conc: 20.65 ug/ml

Instrument :

FID_E

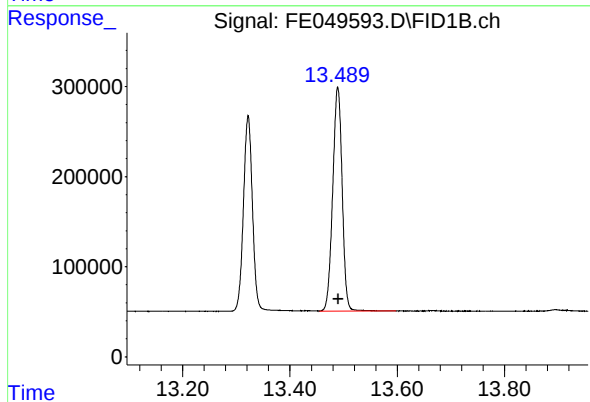
ClientSampleId :

20 PPM ALIPHATIC HC STD CCC



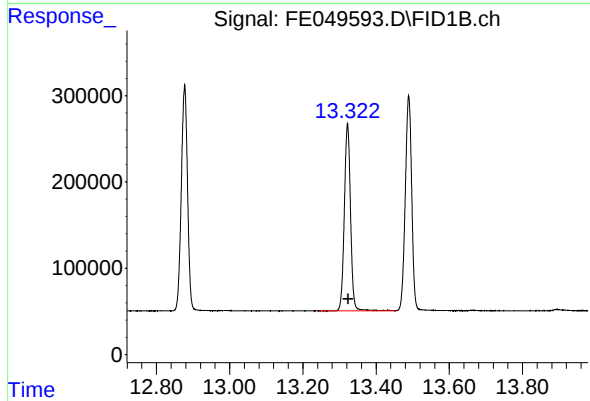
#10 n-Eicosane (C20)

R.T.: 12.877 min
Delta R.T.: -0.002 min
Response: 3083649
Conc: 20.65 ug/ml



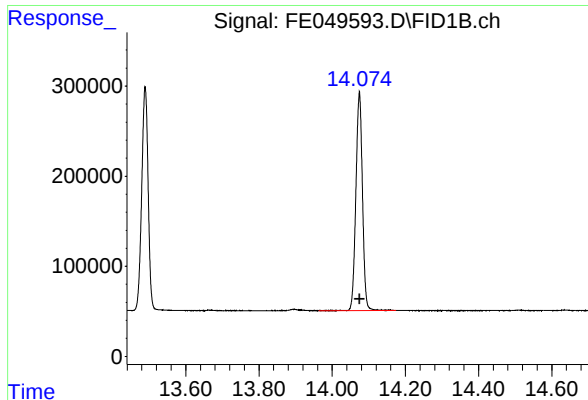
#11 n-Heneicosane (C21)

R.T.: 13.489 min
Delta R.T.: 0.000 min
Response: 3038342
Conc: 20.71 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.322 min
Delta R.T.: -0.002 min
Response: 2546213
Conc: 20.87 ug/ml



#13 n-Docosane (C22)

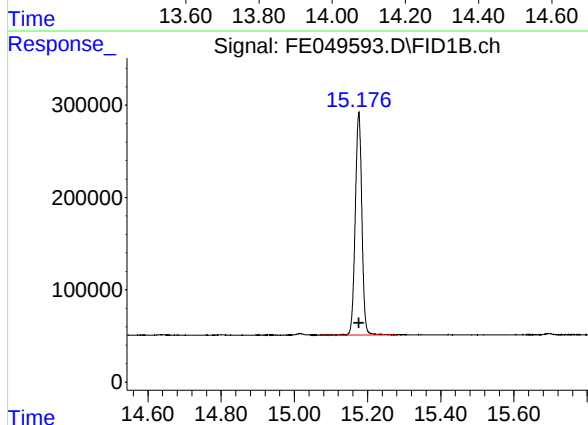
R.T.: 14.074 min
Delta R.T.: 0.000 min
Response: 3015312
Conc: 20.69 ug/ml

Instrument :

FID_E

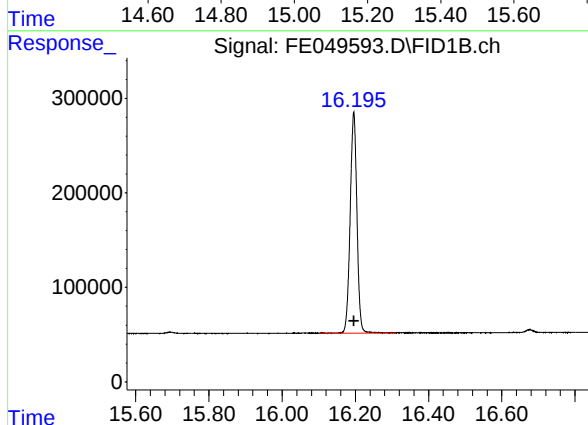
ClientSampleId :

20 PPM ALIPHATIC HC STD CCC



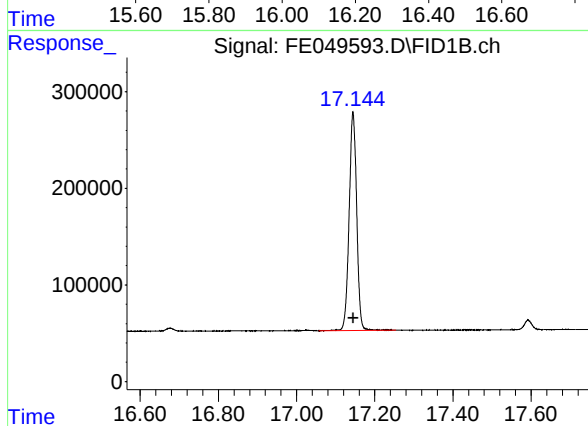
#14 n-Tetracosane (C24)

R.T.: 15.176 min
Delta R.T.: 0.000 min
Response: 3008726
Conc: 20.68 ug/ml



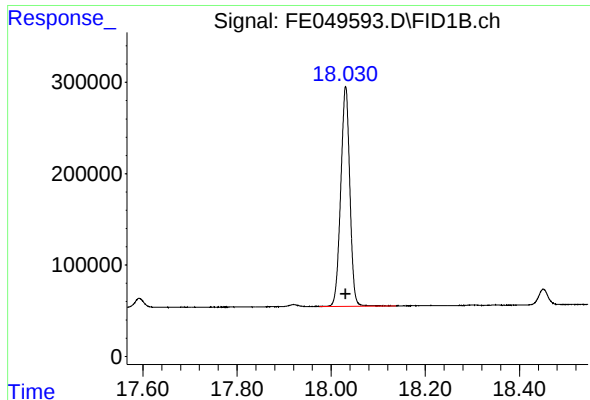
#15 n-Hexacosane (C26)

R.T.: 16.196 min
Delta R.T.: 0.000 min
Response: 2998633
Conc: 20.78 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.145 min
Delta R.T.: 0.000 min
Response: 3030453
Conc: 21.04 ug/ml



#17 n-Tricontane (C30)

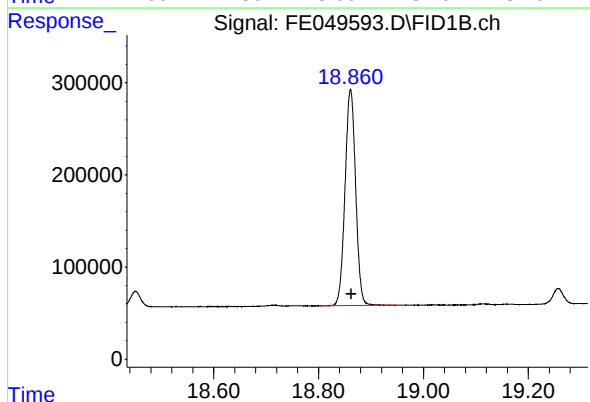
R.T.: 18.031 min
Delta R.T.: 0.000 min
Response: 3219935
Conc: 21.51 ug/ml

Instrument :

FID_E

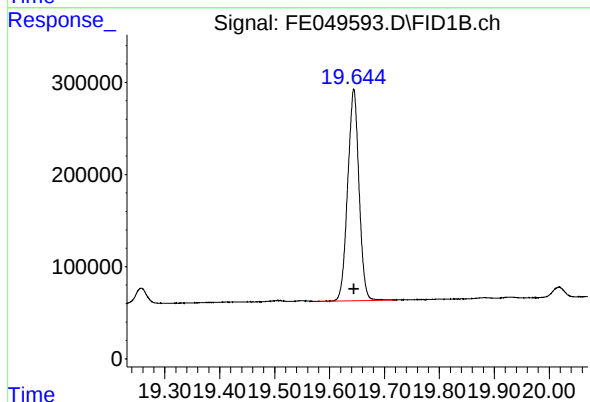
ClientSampleId :

20 PPM ALIPHATIC HC STD CCC



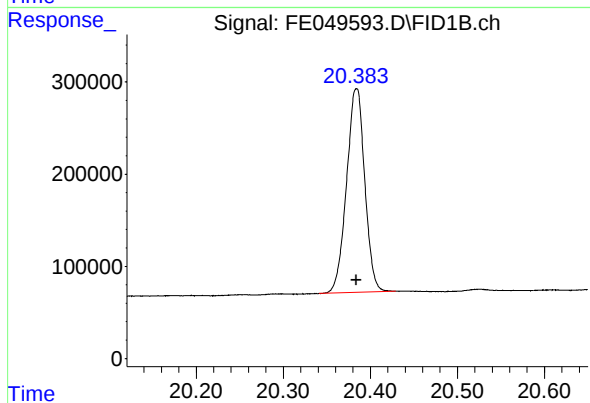
#18 n-Dotriacontane (C32)

R.T.: 18.861 min
Delta R.T.: -0.001 min
Response: 3294359
Conc: 21.78 ug/ml



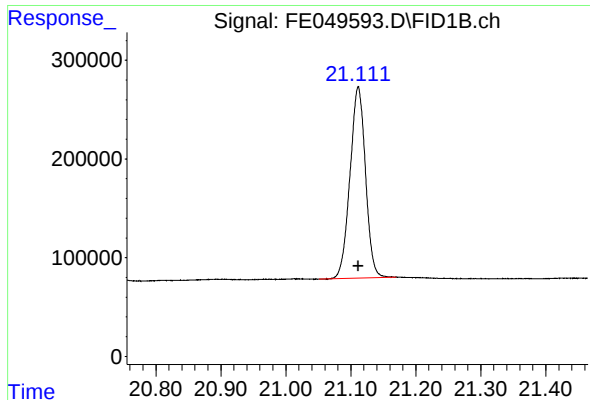
#19 n-Tetatriacontane (C34)

R.T.: 19.644 min
Delta R.T.: 0.000 min
Response: 3281070
Conc: 21.46 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.384 min
Delta R.T.: 0.000 min
Response: 3214962
Conc: 21.17 ug/ml



#21 n-Octatriacontane (C38)

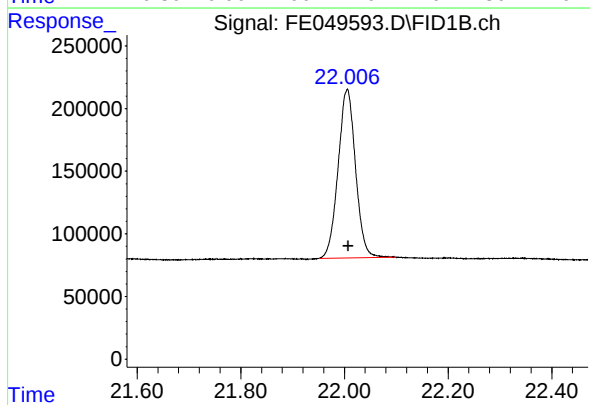
R.T.: 21.111 min
Delta R.T.: 0.000 min
Response: 3214311
Conc: 20.48 ug/ml

Instrument :

FID_E

ClientSampleId :

20 PPM ALIPHATIC HC STD CCC



#22 n-Tetracontane (C40)

R.T.: 22.005 min
Delta R.T.: -0.002 min
Response: 3143289
Conc: 20.59 ug/ml