

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE052123AL\
 Data File : FE042069.D
 Signal(s) : FID1B.ch
 Acq On : 20 May 2023 18:49
 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: May 21 04:22:54 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051823.M
 Quant Title : GC Extractables
 QLast Update : Thu May 18 06:27:12 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)	11.965	3863510	21.880 ug/ml
Spiked Amount 50.000		Recovery =	43.76%
12) S 1-chlorooctadecane (S...	13.400	2902945	21.847 ug/ml
Spiked Amount 50.000		Recovery =	43.69%
Target Compounds			
1) T n-Nonane (C9)	3.345	3005478	20.843 ug/ml
2) T n-Decane (C10)	4.596	3058267	20.659 ug/ml
3) T A~Naphthalene (C11.7)	6.302	3392704	20.794 ug/ml
4) T n-Dodecane (C12)	6.764	3105281	20.708 ug/ml
5) T A~2-methylnaphthalene...	7.399	3297336	20.777 ug/ml
6) T n-Tetradecane (C14)	8.593	3112302	20.775 ug/ml
7) T n-Hexadecane (C16)	10.201	3285492	21.092 ug/ml
8) T n-Octadecane (C18)	11.645	3385319	21.408 ug/ml
10) T n-Eicosane (C20)	12.955	3307314	21.819 ug/ml
11) T n-Heneicosane (C21)	13.567	3266654	22.049 ug/ml
13) T n-Docosane (C22)	14.153	3249699	22.167 ug/ml
14) T n-Tetracosane (C24)	15.257	3227825	22.360 ug/ml
15) T n-Hexacosane (C26)	16.278	3130036	22.600 ug/ml
16) T n-Octacosane (C28)	17.228	3006052	22.453 ug/ml
17) T n-Tricontane (C30)	18.115	2996234	22.196 ug/ml
18) T n-Dotriacontane (C32)	18.947	2859219	21.403 ug/ml
19) T n-Tetratriacontane (C34)	19.729	2690330	20.457 ug/ml
20) T n-Hexatriacontane (C36)	20.470	2524020	19.420 ug/ml
21) T n-Octatriacontane (C38)	21.221	2462474	18.150 ug/ml
22) T n-Tetracontane (C40)	22.156	2439069	17.532 ug/ml

(f)=RT Delta > 1/2 Window

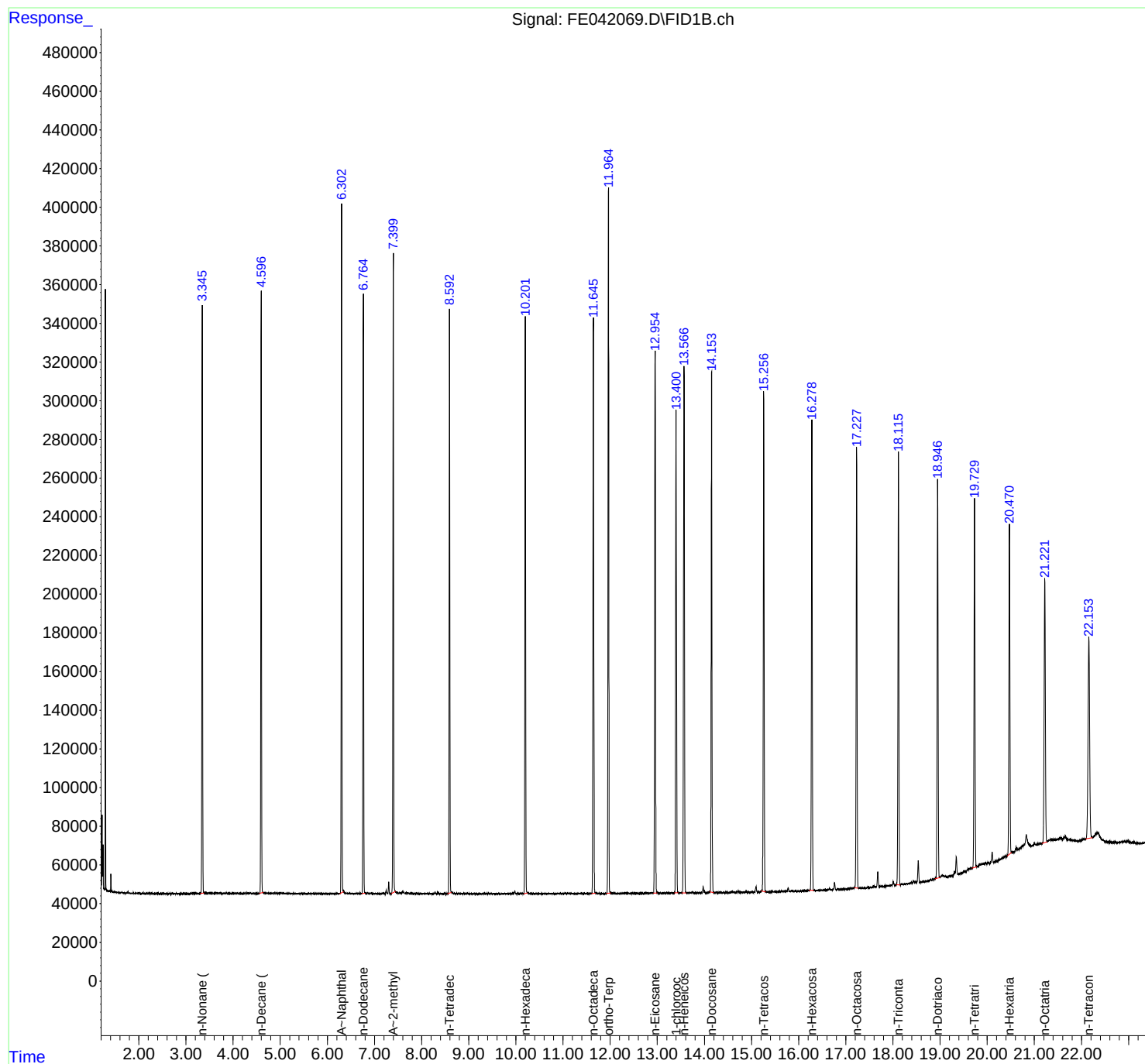
(m)=manual int.

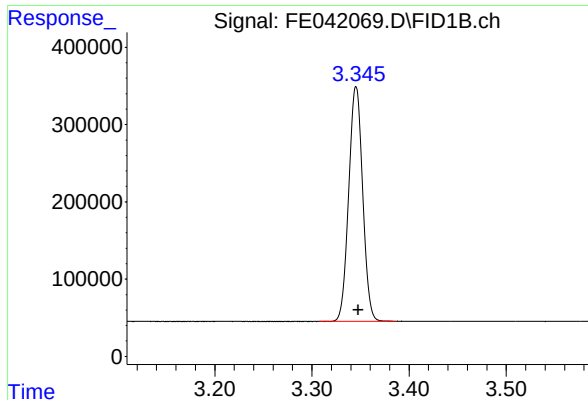
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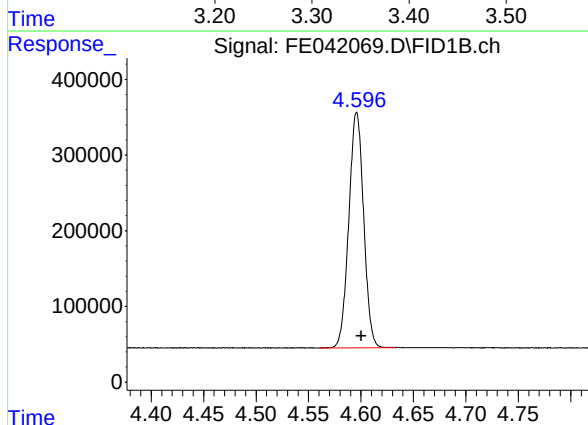




#1 n-Nonane (C9)

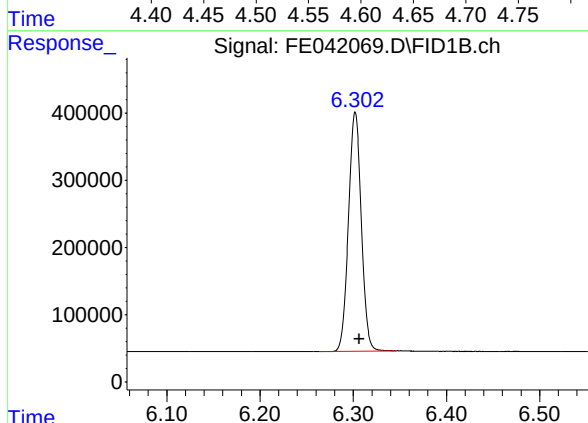
R.T.: 3.345 min
Delta R.T.: -0.003 min
Response: 3005478
Conc: 20.84 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



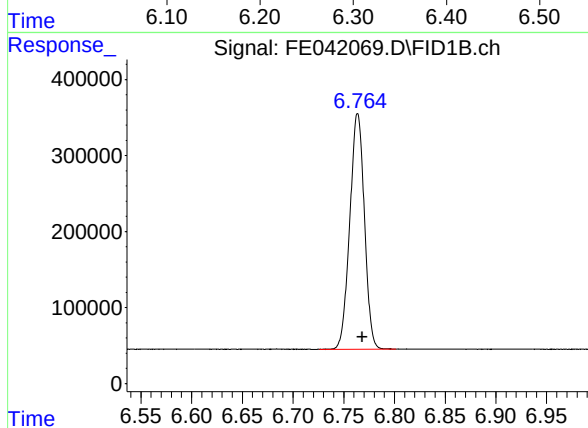
#2 n-Decane (C10)

R.T.: 4.596 min
Delta R.T.: -0.005 min
Response: 3058267
Conc: 20.66 ug/ml



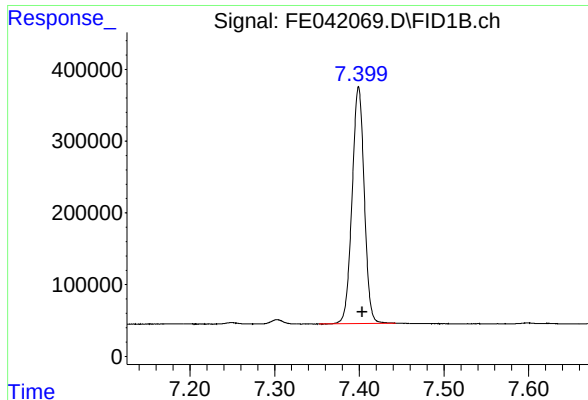
#3 A~Naphthalene (C11.7)

R.T.: 6.302 min
Delta R.T.: -0.005 min
Response: 3392704
Conc: 20.79 ug/ml



#4 n-Dodecane (C12)

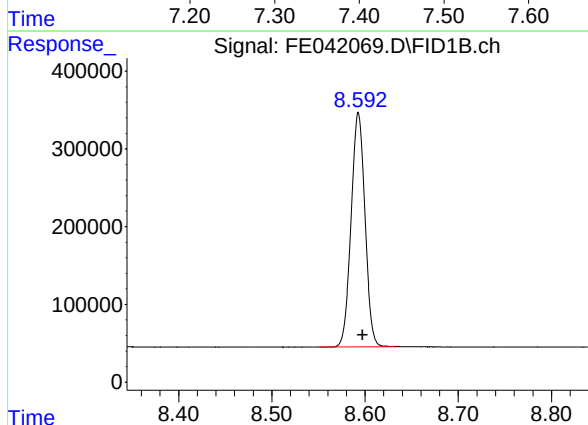
R.T.: 6.764 min
Delta R.T.: -0.004 min
Response: 3105281
Conc: 20.71 ug/ml



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

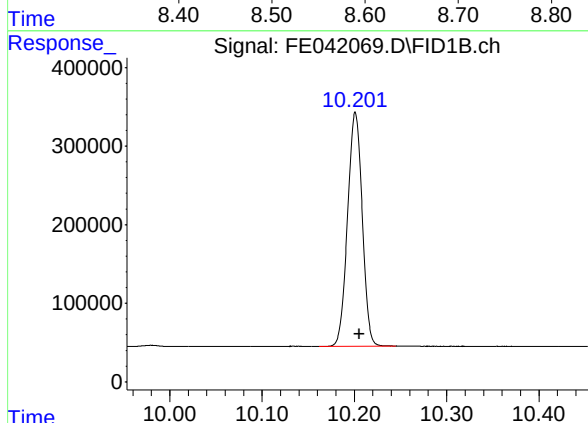
R.T.: 7.399 min
Delta R.T.: -0.004 min
Response: 3297336
Conc: 20.78 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



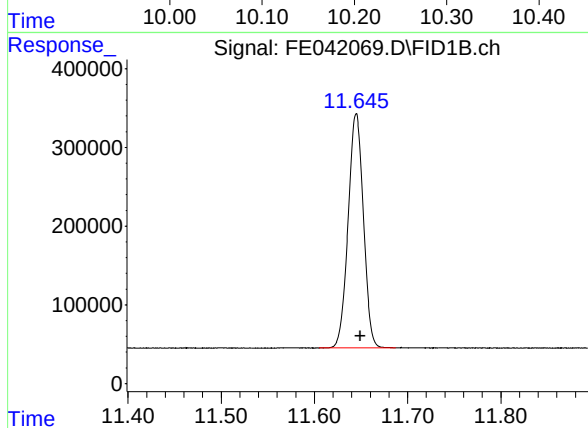
#6 n-Tetradecane (C14)

R.T.: 8.593 min
Delta R.T.: -0.004 min
Response: 3112302
Conc: 20.78 ug/ml



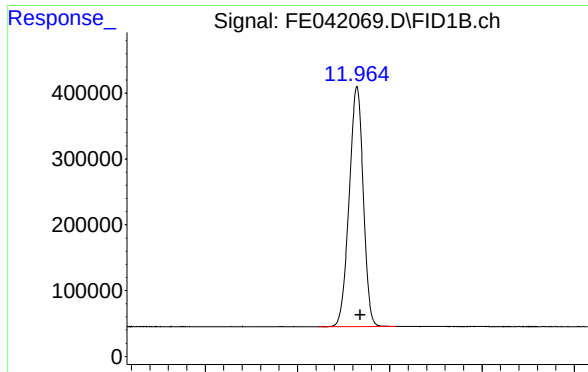
#7 n-Hexadecane (C16)

R.T.: 10.201 min
Delta R.T.: -0.004 min
Response: 3285492
Conc: 21.09 ug/ml



#8 n-Octadecane (C18)

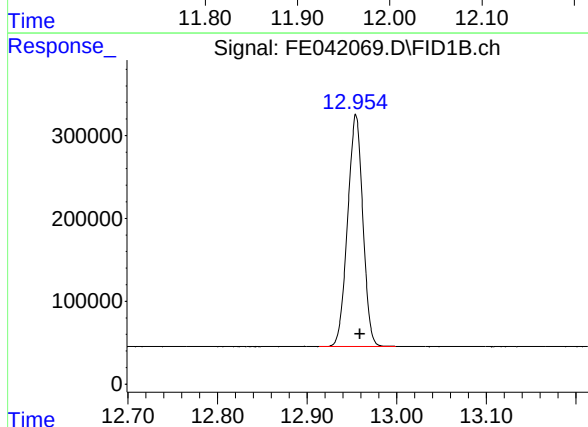
R.T.: 11.645 min
Delta R.T.: -0.004 min
Response: 3385319
Conc: 21.41 ug/ml



#9 ortho-Terphenyl (SURR)

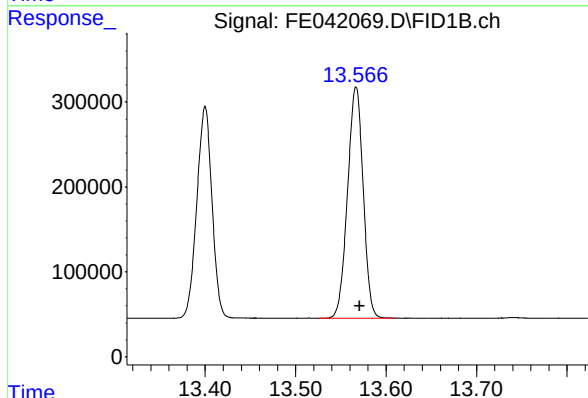
R.T.: 11.965 min
Delta R.T.: -0.004 min
Response: 3863510
Conc: 21.88 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



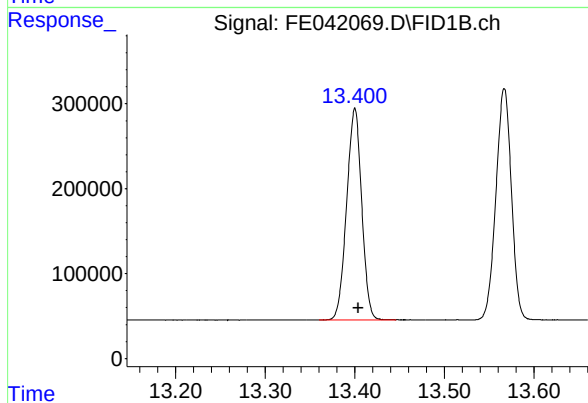
#10 n-Eicosane (C20)

R.T.: 12.955 min
Delta R.T.: -0.005 min
Response: 3307314
Conc: 21.82 ug/ml



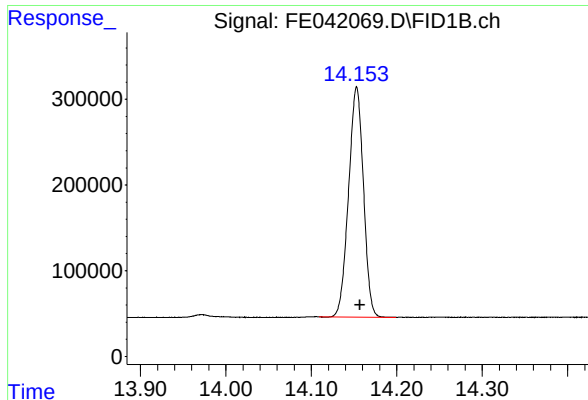
#11 n-Heneicosane (C21)

R.T.: 13.567 min
Delta R.T.: -0.004 min
Response: 3266654
Conc: 22.05 ug/ml



#12 1-chlorooctadecane (SURR)

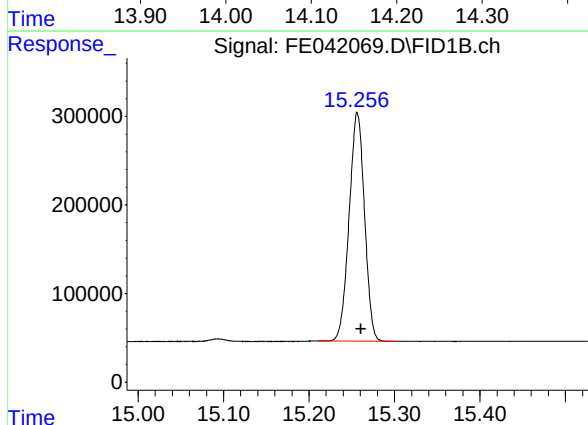
R.T.: 13.400 min
Delta R.T.: -0.004 min
Response: 2902945
Conc: 21.85 ug/ml



#13 n-Docosane (C22)

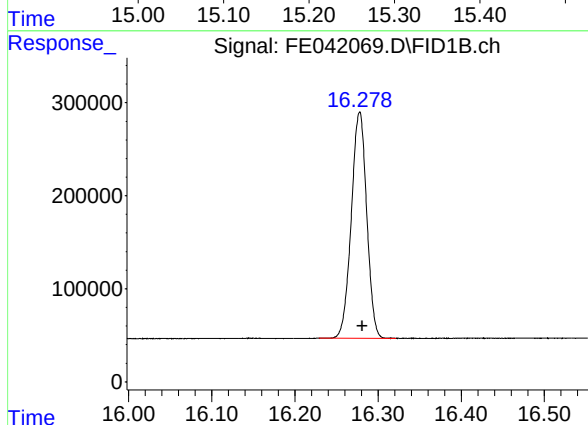
R.T.: 14.153 min
Delta R.T.: -0.004 min
Response: 3249699
Conc: 22.17 ug/ml

Instrument :
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ClientSampleId :
20 PPM ALIPHATIC HC STD



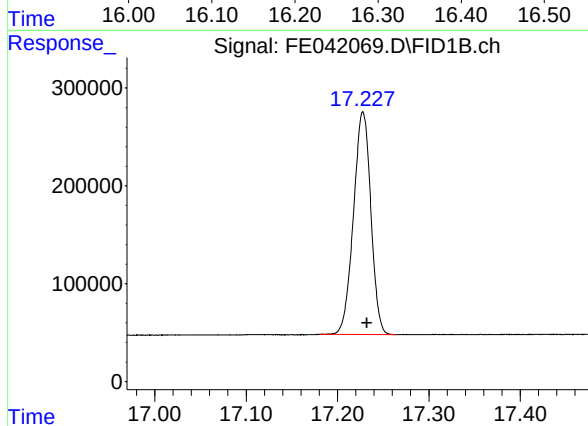
#14 n-Tetracosane (C24)

R.T.: 15.257 min
Delta R.T.: -0.004 min
Response: 3227825
Conc: 22.36 ug/ml



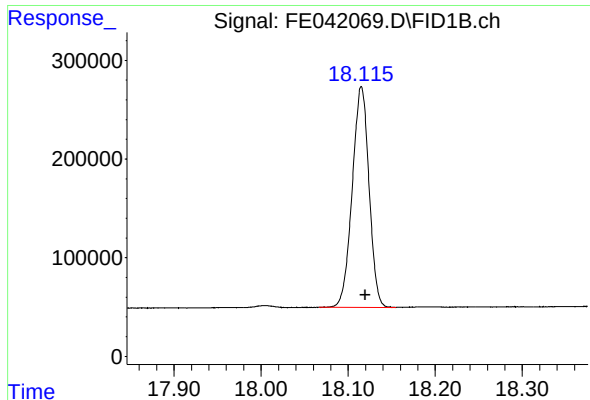
#15 n-Hexacosane (C26)

R.T.: 16.278 min
Delta R.T.: -0.003 min
Response: 3130036
Conc: 22.60 ug/ml



#16 n-Octacosane (C28)

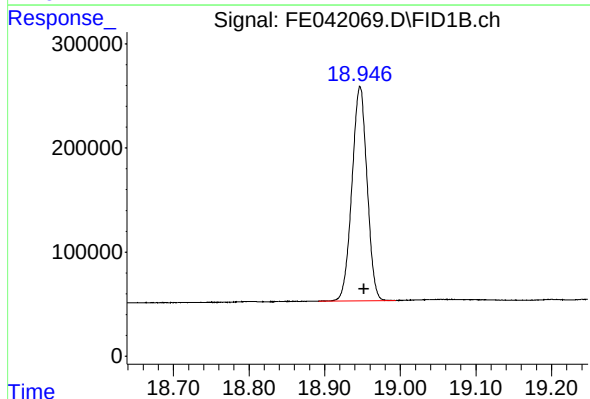
R.T.: 17.228 min
Delta R.T.: -0.004 min
Response: 3006052
Conc: 22.45 ug/ml



#17 n-Tricontane (C30)

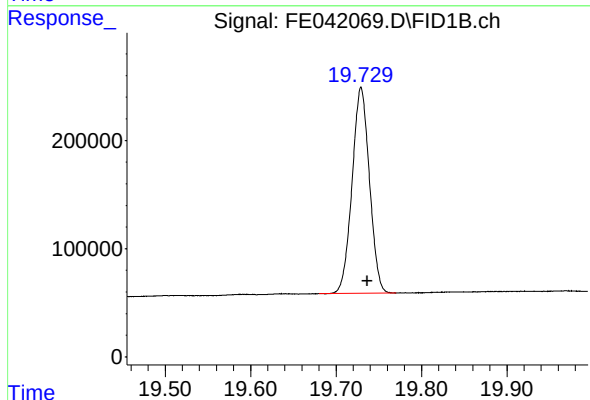
R.T.: 18.115 min
Delta R.T.: -0.005 min
Response: 2996234
Conc: 22.20 ug/ml

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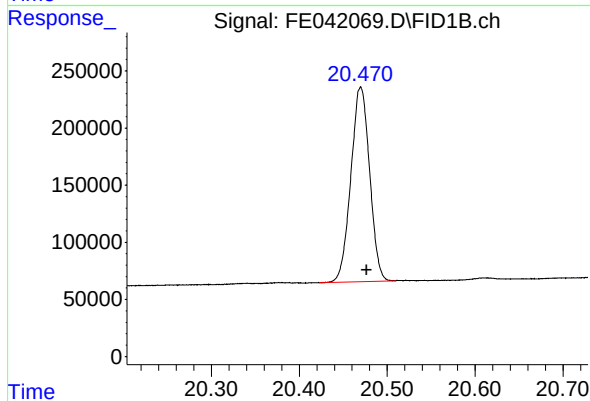
#18 n-Dotriacontane (C32)

R.T.: 18.947 min
Delta R.T.: -0.005 min
Response: 2859219
Conc: 21.40 ug/ml



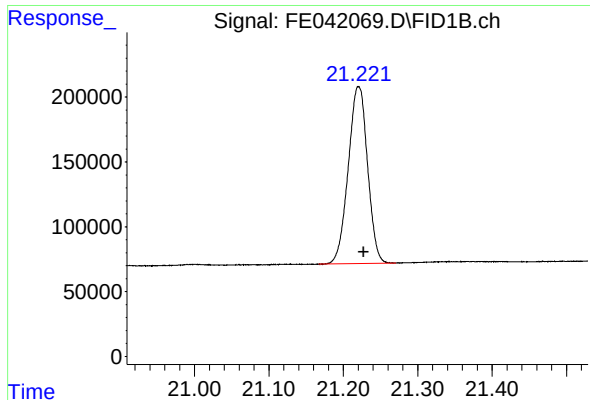
#19 n-Tetatriacontane (C34)

R.T.: 19.729 min
Delta R.T.: -0.007 min
Response: 2690330
Conc: 20.46 ug/ml



#20 n-Hexatriacontane (C36)

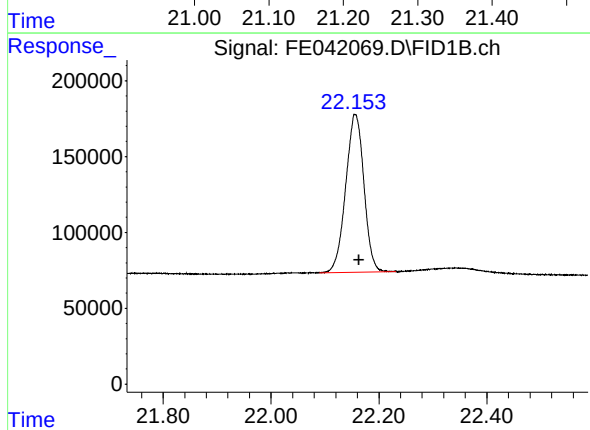
R.T.: 20.470 min
Delta R.T.: -0.007 min
Response: 2524020
Conc: 19.42 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.221 min
Delta R.T.: -0.007 min
Response: 2462474
Conc: 18.15 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.156 min
Delta R.T.: -0.007 min
Response: 2439069
Conc: 17.53 ug/ml