

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE111424AL\
 Data File : FE051226.D
 Signal(s) : FID1B.ch
 Acq On : 14 Nov 2024 07:14
 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

Integration File: sample.E
 Quant Time: Nov 15 04:08:38 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 110724.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 07 04:56:04 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)	11.846	3252086	21.667 ug/ml
Spiked Amount 50.000		Recovery =	43.33%
12) S 1-chlorooctadecane (S...	13.278	2468719	21.745 ug/ml
Spiked Amount 50.000		Recovery =	43.49%
Target Compounds			
1) T n-Nonane (C9)	3.235	3198287	23.114 ug/ml
2) T n-Decane (C10)	4.485	3253268	23.208 ug/ml
3) T A~Naphthalene (C11.7)	6.198	3045457	23.098 ug/ml
4) T n-Dodecane (C12)	6.653	3236074	22.919 ug/ml
5) T A~2-methylnaphthalene...	7.294	2819099	22.536 ug/ml
6) T n-Tetradecane (C14)	8.479	3140340	22.533 ug/ml
7) T n-Hexadecane (C16)	10.084	3152372	22.214 ug/ml
8) T n-Octadecane (C18)	11.525	3141955	22.002 ug/ml
10) T n-Eicosane (C20)	12.832	2981428	21.785 ug/ml
11) T n-Heneicosane (C21)	13.442	2906917	21.751 ug/ml
13) T n-Docosane (C22)	14.028	2942638	22.133 ug/ml
14) T n-Tetracosane (C24)	15.129	2977672	22.446 ug/ml
15) T n-Hexacosane (C26)	16.148	3014102	22.515 ug/ml
16) T n-Octacosane (C28)	17.096	3094396	22.698 ug/ml
17) T n-Tricontane (C30)	17.983	3282274	22.592 ug/ml
18) T n-Dotriacontane (C32)	18.815	3327697	22.411 ug/ml
19) T n-Tetratriacontane (C34)	19.598	2998322	22.315 ug/ml
20) T n-Hexatriacontane (C36)	20.337	2654433	22.247 ug/ml
21) T n-Octatriacontane (C38)	21.058	2582563	22.691 ug/ml
22) T n-Tetracontane (C40)	21.938	2433282	21.878 ug/ml

(f)=RT Delta > 1/2 Window

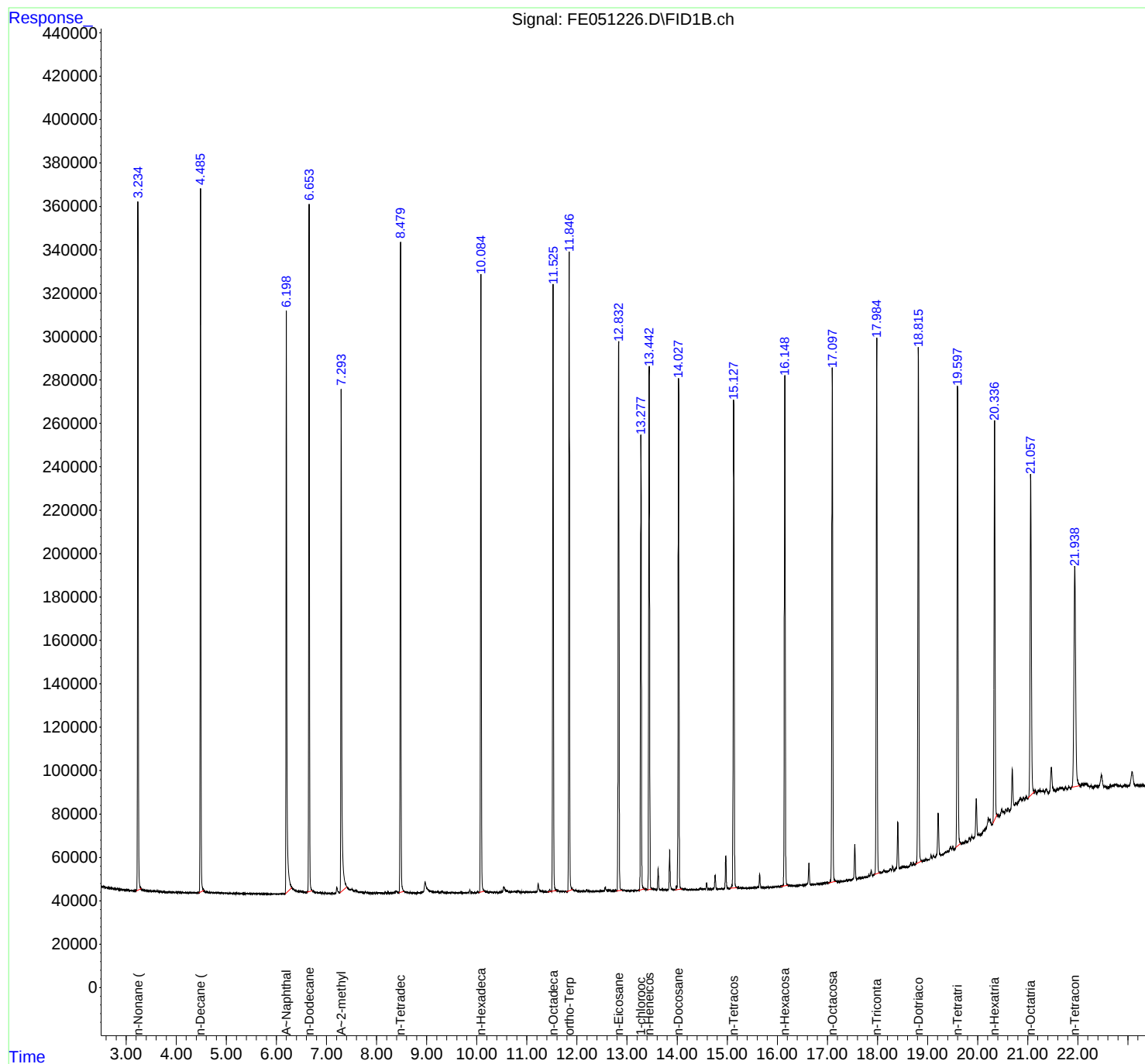
(m)=manual int.

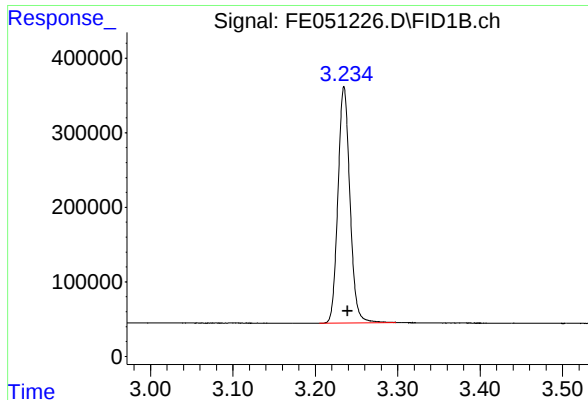
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE111424AL\
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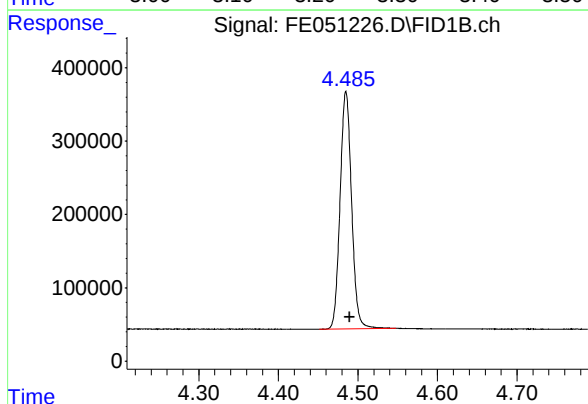




#1 n-Nonane (C9)

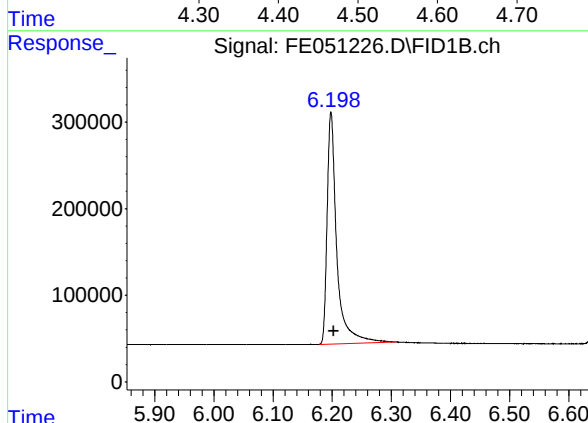
R.T.: 3.235 min
Delta R.T.: -0.004 min
Response: 3198287
Conc: 23.11 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



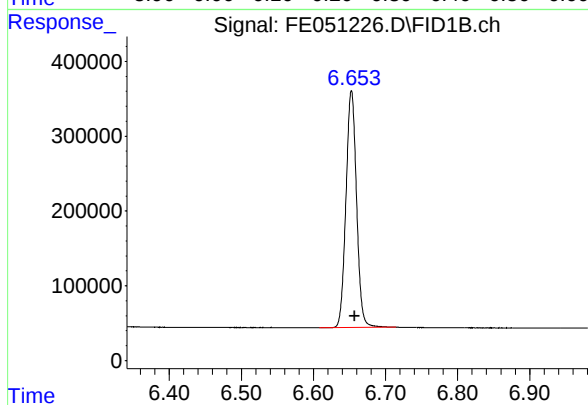
#2 n-Decane (C10)

R.T.: 4.485 min
Delta R.T.: -0.004 min
Response: 3253268
Conc: 23.21 ug/ml



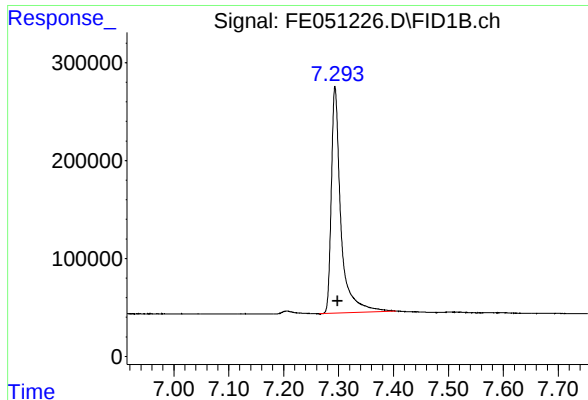
#3 A~Naphthalene (C11.7)

R.T.: 6.198 min
Delta R.T.: -0.004 min
Response: 3045457
Conc: 23.10 ug/ml



#4 n-Dodecane (C12)

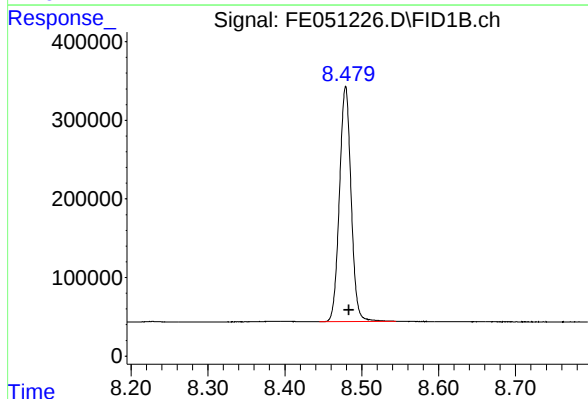
R.T.: 6.653 min
Delta R.T.: -0.004 min
Response: 3236074
Conc: 22.92 ug/ml



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

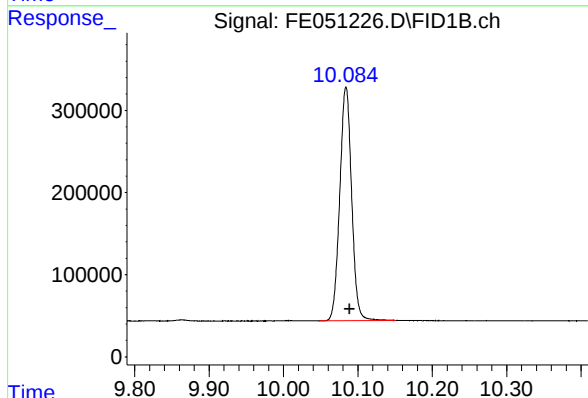
R.T.: 7.294 min
Delta R.T.: -0.004 min
Response: 2819099
Conc: 22.54 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



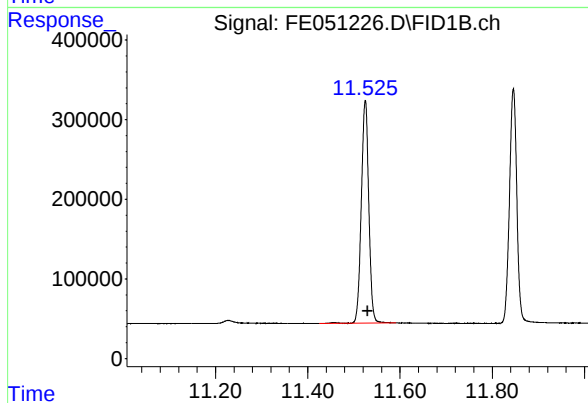
#6 n-Tetradecane (C14)

R.T.: 8.479 min
Delta R.T.: -0.004 min
Response: 3140340
Conc: 22.53 ug/ml



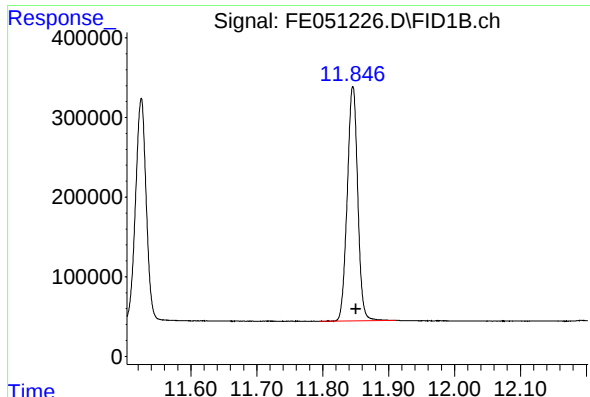
#7 n-Hexadecane (C16)

R.T.: 10.084 min
Delta R.T.: -0.005 min
Response: 3152372
Conc: 22.21 ug/ml



#8 n-Octadecane (C18)

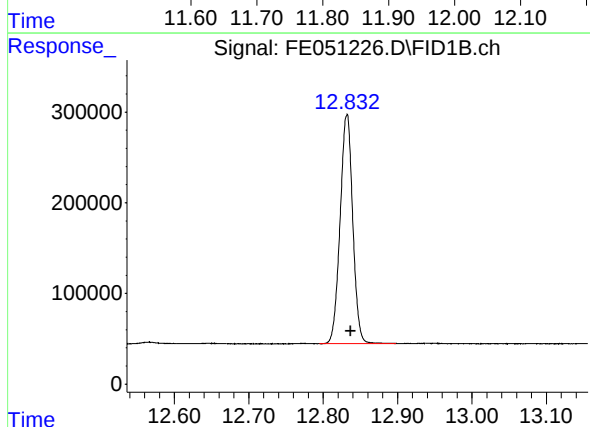
R.T.: 11.525 min
Delta R.T.: -0.005 min
Response: 3141955
Conc: 22.00 ug/ml



#9 ortho-Terphenyl (SURR)

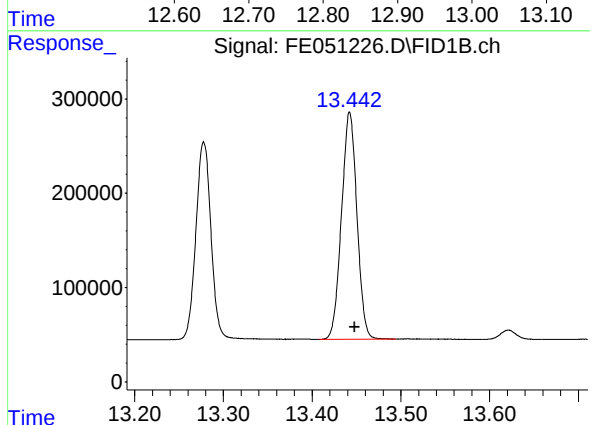
R.T.: 11.846 min
Delta R.T.: -0.005 min
Response: 3252086
Conc: 21.67 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



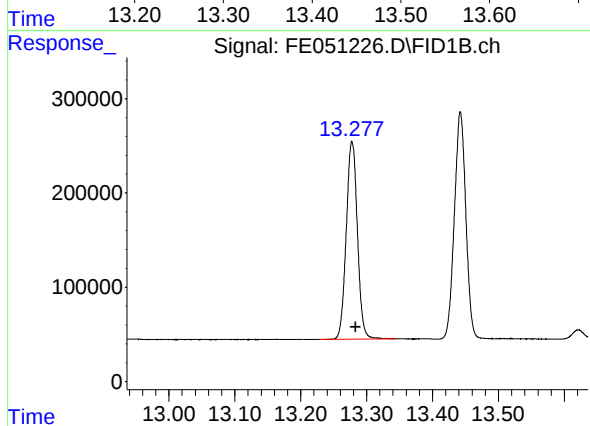
#10 n-Eicosane (C20)

R.T.: 12.832 min
Delta R.T.: -0.005 min
Response: 2981428
Conc: 21.79 ug/ml



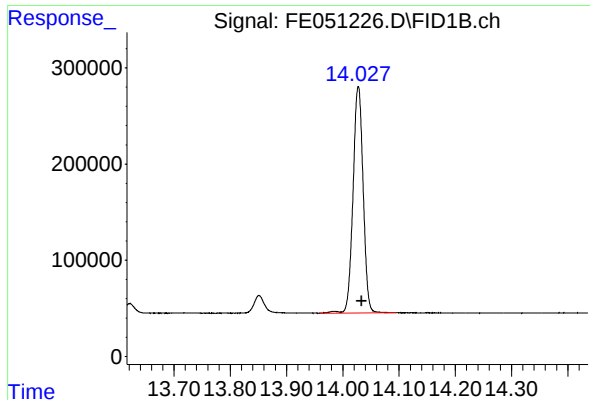
#11 n-Heneicosane (C21)

R.T.: 13.442 min
Delta R.T.: -0.005 min
Response: 2906917
Conc: 21.75 ug/ml



#12 1-chlorooctadecane (SURR)

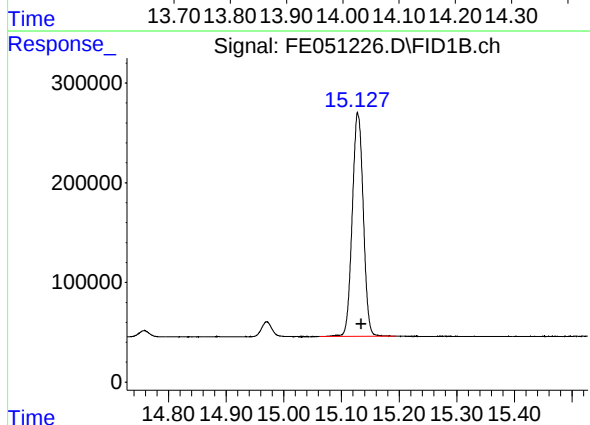
R.T.: 13.278 min
Delta R.T.: -0.005 min
Response: 2468719
Conc: 21.74 ug/ml



#13 n-Docosane (C22)

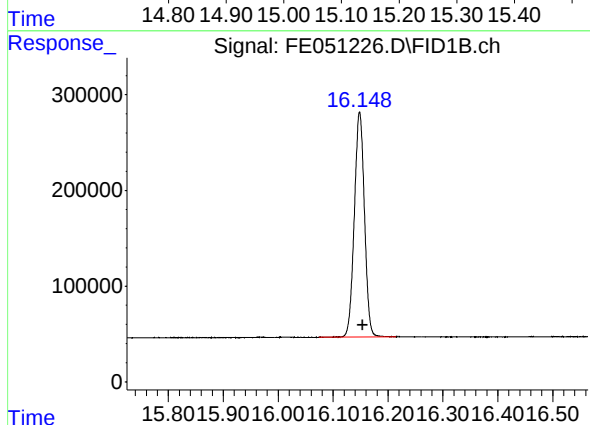
R.T.: 14.028 min
Delta R.T.: -0.006 min
Response: 2942638
Conc: 22.13 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



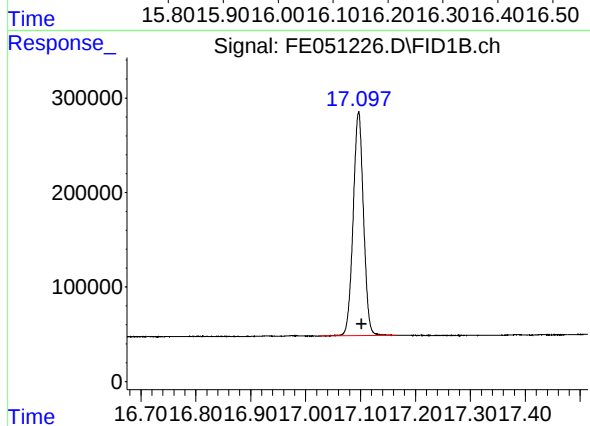
#14 n-Tetracosane (C24)

R.T.: 15.129 min
Delta R.T.: -0.006 min
Response: 2977672
Conc: 22.45 ug/ml



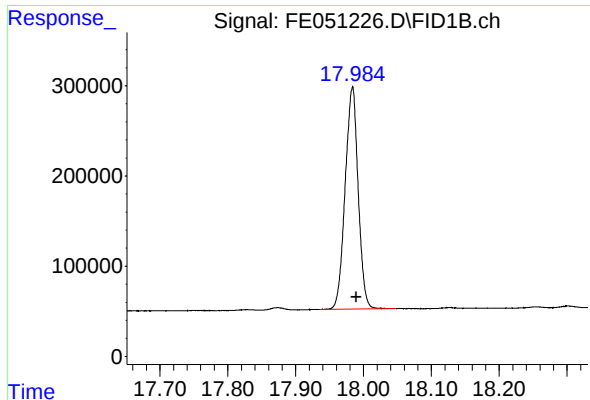
#15 n-Hexacosane (C26)

R.T.: 16.148 min
Delta R.T.: -0.005 min
Response: 3014102
Conc: 22.52 ug/ml



#16 n-Octacosane (C28)

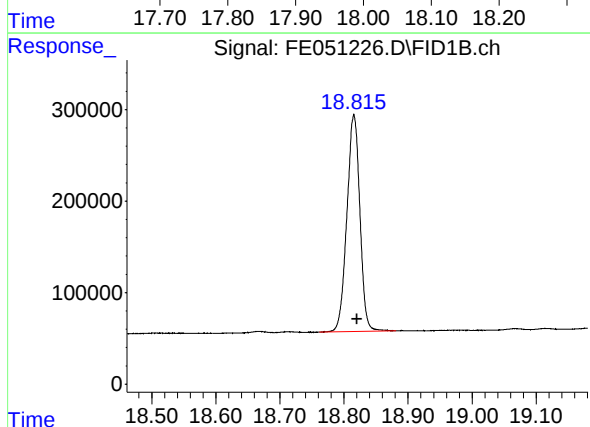
R.T.: 17.096 min
Delta R.T.: -0.006 min
Response: 3094396
Conc: 22.70 ug/ml



#17 n-Tricontane (C30)

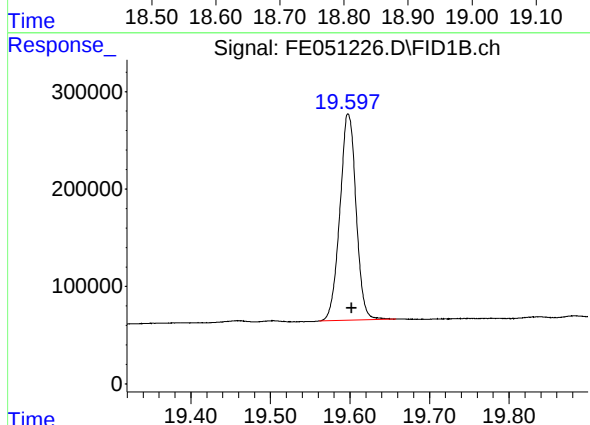
R.T.: 17.983 min
Delta R.T.: -0.006 min
Response: 3282274
Conc: 22.59 ug/ml

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20 PPM ALIPHATIC HC STD



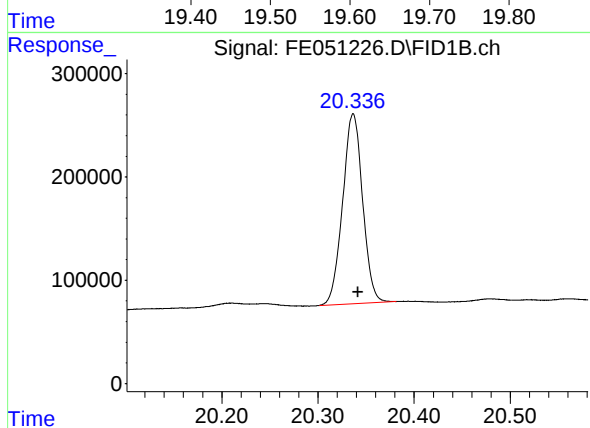
#18 n-Dotriacontane (C32)

R.T.: 18.815 min
Delta R.T.: -0.005 min
Response: 3327697
Conc: 22.41 ug/ml



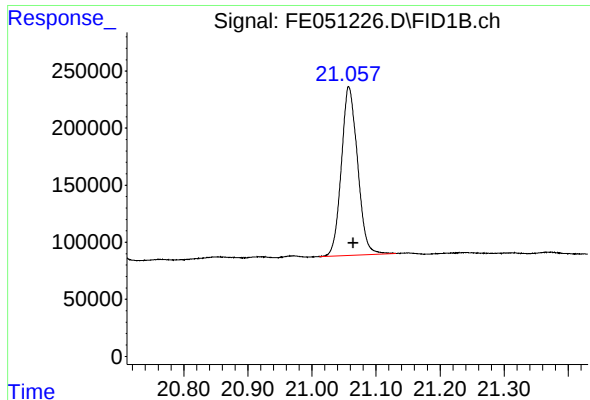
#19 n-Tetatriacontane (C34)

R.T.: 19.598 min
Delta R.T.: -0.004 min
Response: 2998322
Conc: 22.31 ug/ml



#20 n-Hexatriacontane (C36)

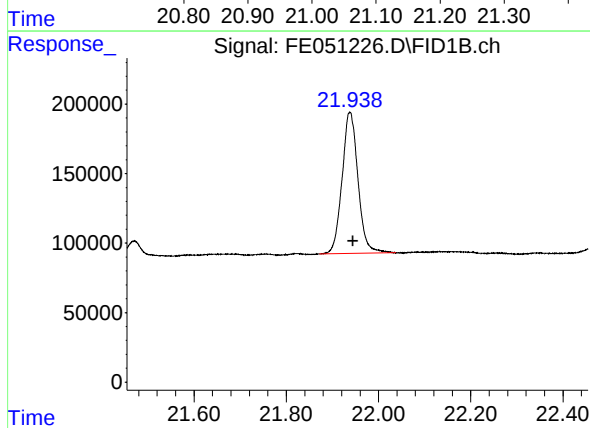
R.T.: 20.337 min
Delta R.T.: -0.005 min
Response: 2654433
Conc: 22.25 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.058 min
Delta R.T.: -0.007 min
Response: 2582563
Conc: 22.69 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.938 min
Delta R.T.: -0.007 min
Response: 2433282
Conc: 21.88 ug/ml