

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE052025AL\
 Data File : FE053910.D
 Signal(s) : FID1B.ch
 Acq On : 20 May 2025 06:47
 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 00:35:32 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051425.M
 Quant Title : GC Extractables
 QLast Update : Wed May 14 12:15:41 2025
 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)	11.848	3205338	19.724 ug/ml
Spiked Amount 50.000		Recovery =	39.45%
12) S 1-chlorooctadecane (S...	13.294	2344373	19.775 ug/ml
Spiked Amount 50.000		Recovery =	39.55%
Target Compounds			
1) T n-Nonane (C9)	3.198	2618140	19.372 ug/ml
2) T n-Decane (C10)	4.459	2645127	19.575 ug/ml
3) T A~Naphthalene (C11.7)	6.172	2842120	19.776 ug/ml
4) T n-Dodecane (C12)	6.639	2680940	19.654 ug/ml
5) T A~2-methylnaphthalene...	7.274	2740319	19.756 ug/ml
6) T n-Tetradecane (C14)	8.475	2666092	19.756 ug/ml
7) T n-Hexadecane (C16)	10.087	2678452	19.850 ug/ml
8) T n-Octadecane (C18)	11.534	2665120	19.791 ug/ml
10) T n-Eicosane (C20)	12.848	2598428	19.771 ug/ml
11) T n-Heneicosane (C21)	13.461	2569320	19.818 ug/ml
13) T n-Docosane (C22)	14.049	2538963	19.902 ug/ml
14) T n-Tetracosane (C24)	15.154	2486047	19.870 ug/ml
15) T n-Hexacosane (C26)	16.178	2433303	19.872 ug/ml
16) T n-Octacosane (C28)	17.129	2405084	19.785 ug/ml
17) T n-Tricontane (C30)	18.019	2451210	19.678 ug/ml
18) T n-Dotriacontane (C32)	18.853	2458938	19.663 ug/ml
19) T n-Tetratriacontane (C34)	19.639	2319808	19.474 ug/ml
20) T n-Hexatriacontane (C36)	20.381	2288976	19.769 ug/ml
21) T n-Octatriacontane (C38)	21.112	2126970	19.545 ug/ml
22) T n-Tetracontane (C40)	22.009	2009769	20.253 ug/ml

(f)=RT Delta > 1/2 Window

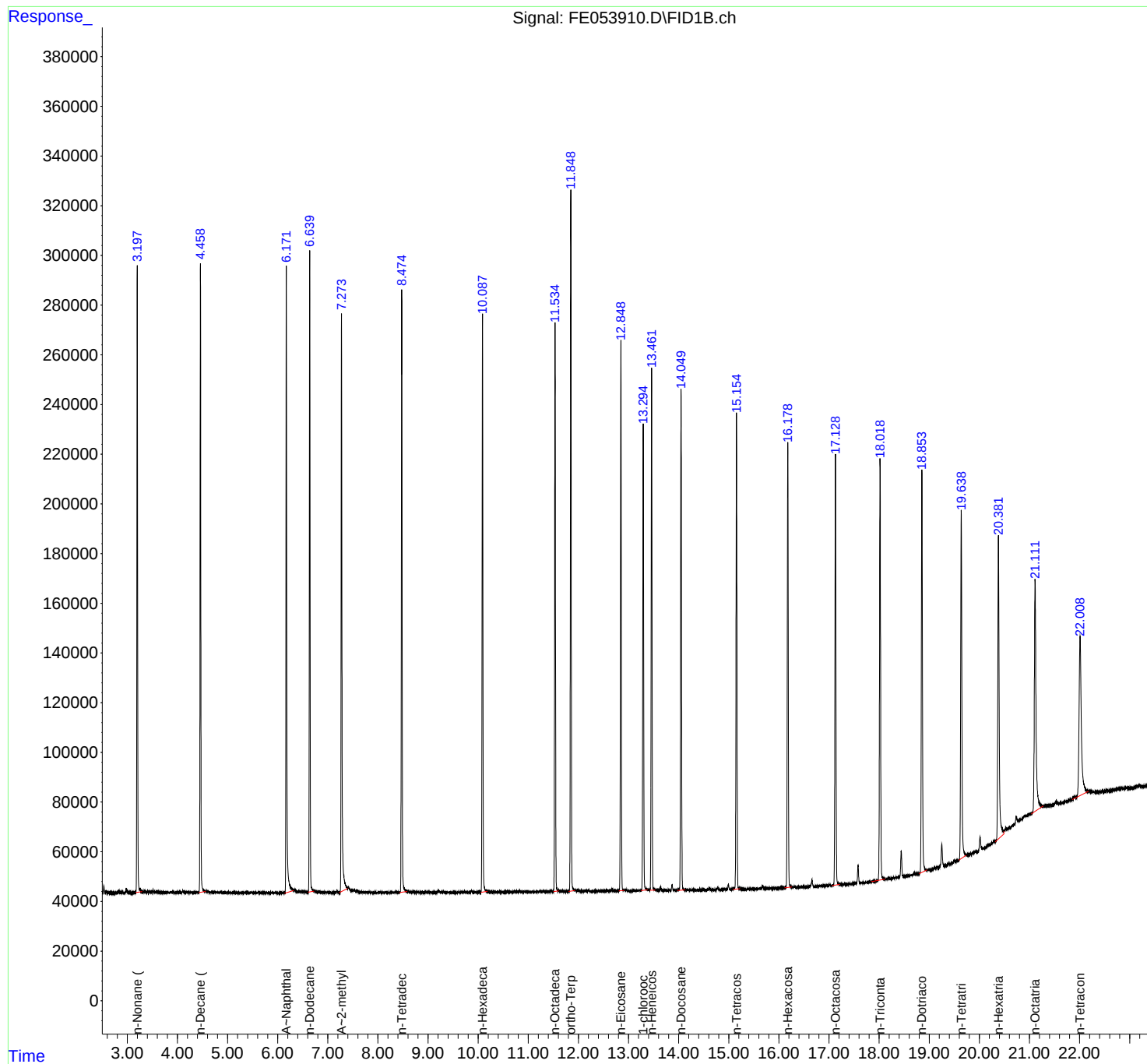
(m)=manual int.

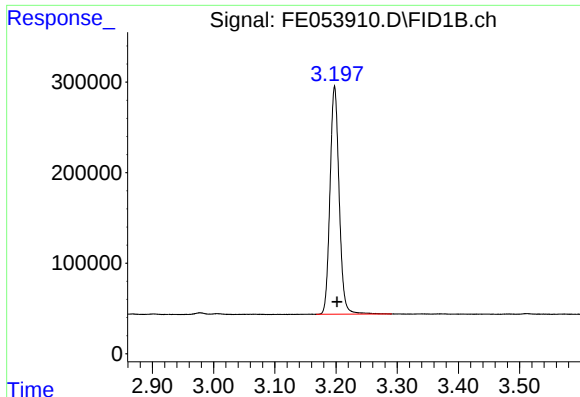
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE052025AL\
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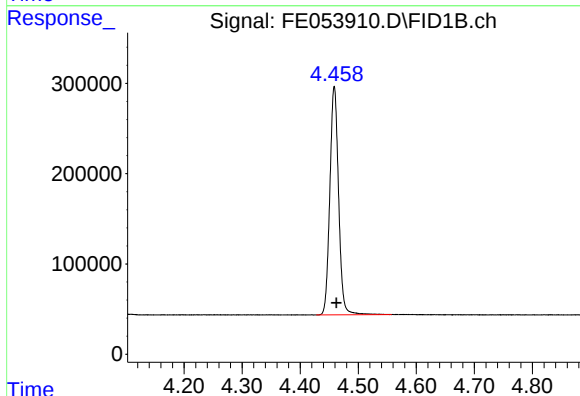




#1 n-Nonane (C9)

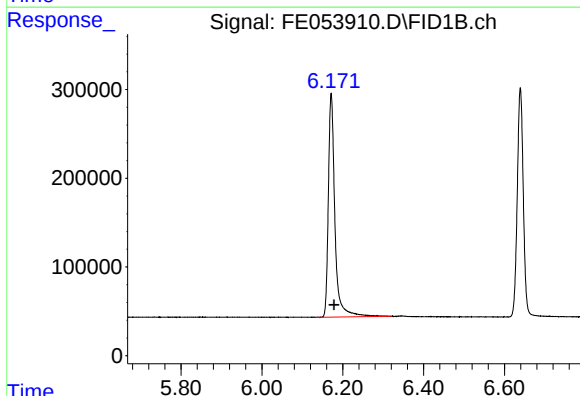
R.T.: 3.198 min
Delta R.T.: -0.004 min
Response: 2618140
Conc: 19.37 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



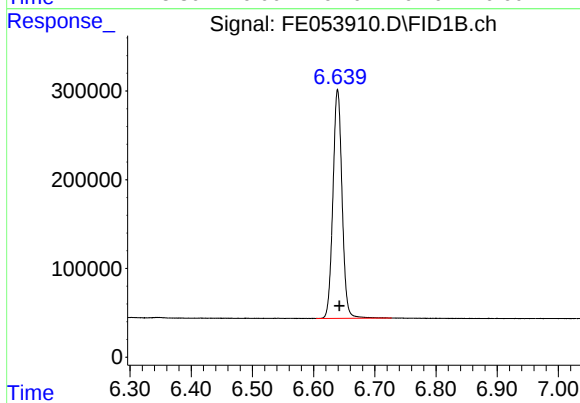
#2 n-Decane (C10)

R.T.: 4.459 min
Delta R.T.: -0.004 min
Response: 2645127
Conc: 19.57 ug/ml



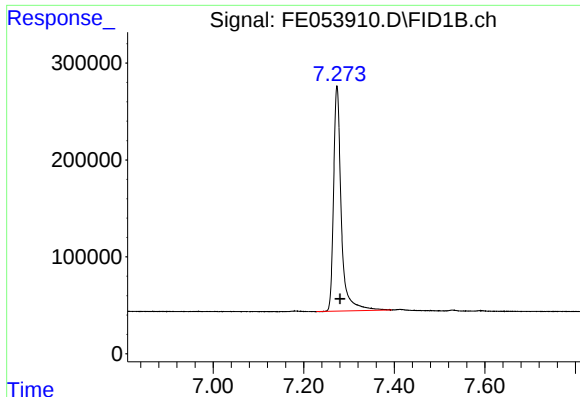
#3 A~Naphthalene (C11.7)

R.T.: 6.172 min
Delta R.T.: -0.007 min
Response: 2842120
Conc: 19.78 ug/ml



#4 n-Dodecane (C12)

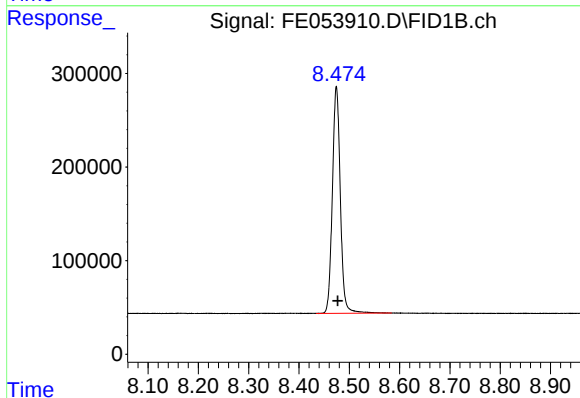
R.T.: 6.639 min
Delta R.T.: -0.003 min
Response: 2680940
Conc: 19.65 ug/ml



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

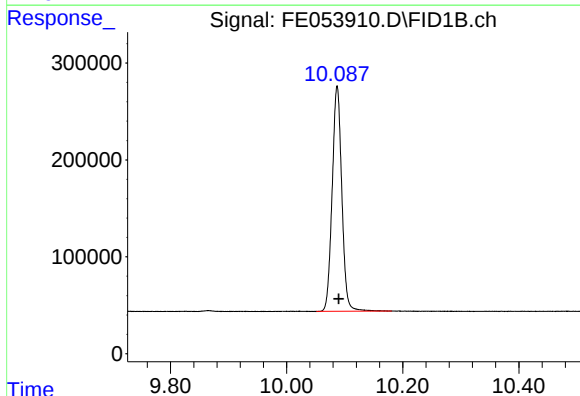
R.T.: 7.274 min
Delta R.T.: -0.007 min
Response: 2740319
Conc: 19.76 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



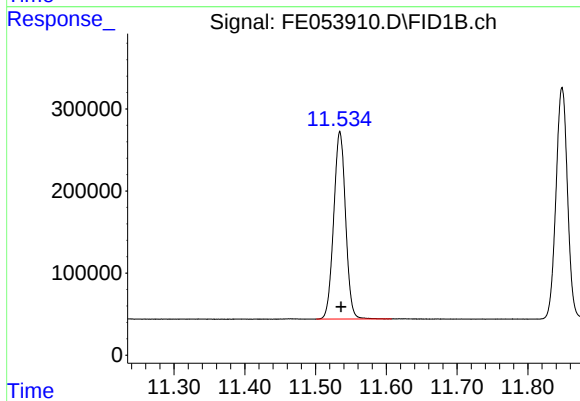
#6 n-Tetradecane (C14)

R.T.: 8.475 min
Delta R.T.: -0.003 min
Response: 2666092
Conc: 19.76 ug/ml



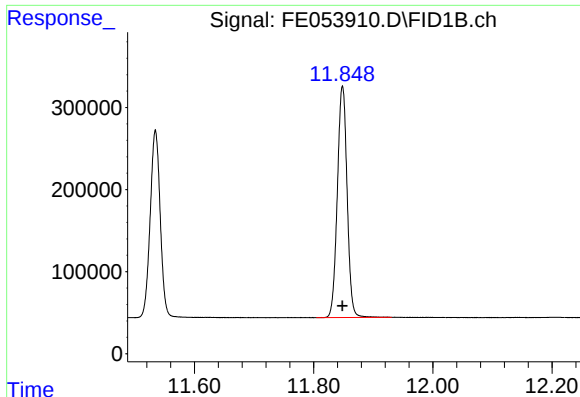
#7 n-Hexadecane (C16)

R.T.: 10.087 min
Delta R.T.: -0.003 min
Response: 2678452
Conc: 19.85 ug/ml



#8 n-Octadecane (C18)

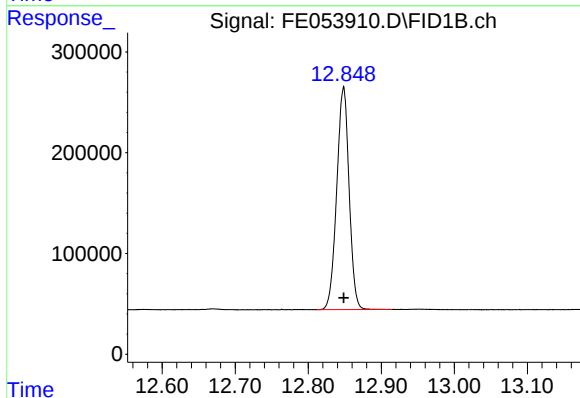
R.T.: 11.534 min
Delta R.T.: -0.001 min
Response: 2665120
Conc: 19.79 ug/ml



#9 ortho-Terphenyl (SURR)

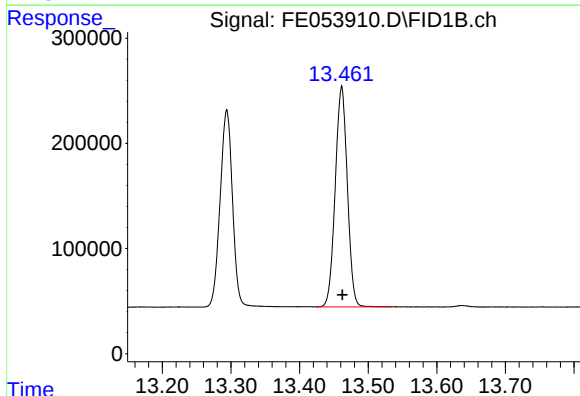
R.T.: 11.848 min
Delta R.T.: 0.000 min
Response: 3205338
Conc: 19.72 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



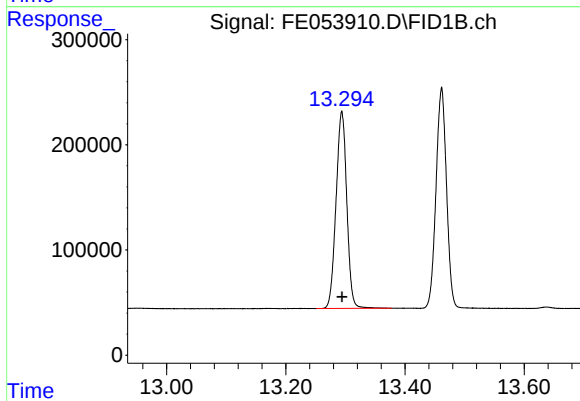
#10 n-Eicosane (C20)

R.T.: 12.848 min
Delta R.T.: 0.000 min
Response: 2598428
Conc: 19.77 ug/ml



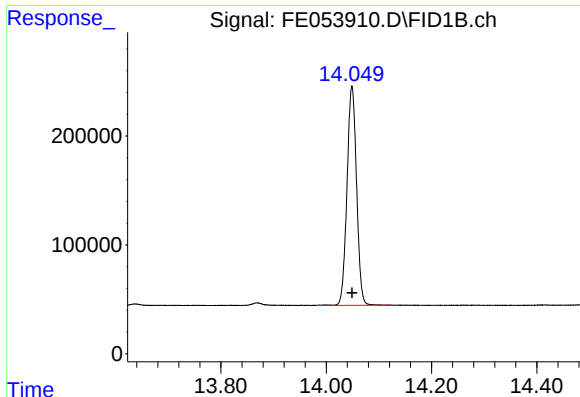
#11 n-Heneicosane (C21)

R.T.: 13.461 min
Delta R.T.: -0.001 min
Response: 2569320
Conc: 19.82 ug/ml



#12 1-chlorooctadecane (SURR)

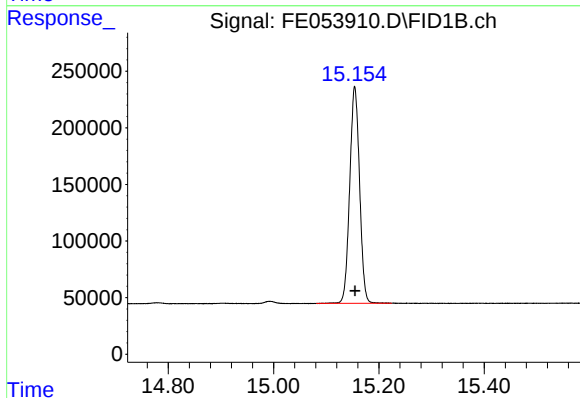
R.T.: 13.294 min
Delta R.T.: 0.000 min
Response: 2344373
Conc: 19.78 ug/ml



#13 n-Docosane (C22)

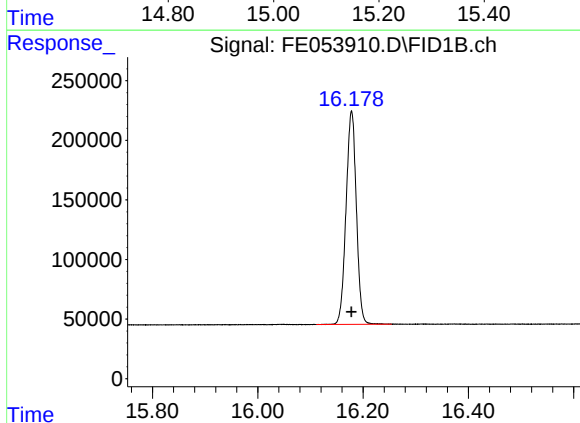
R.T.: 14.049 min
Delta R.T.: 0.000 min
Response: 2538963
Conc: 19.90 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



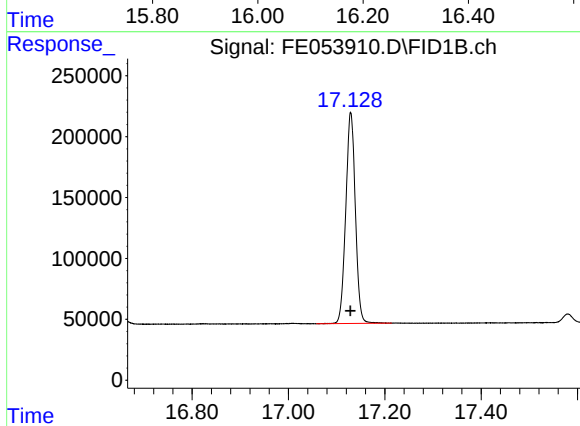
#14 n-Tetracosane (C24)

R.T.: 15.154 min
Delta R.T.: 0.000 min
Response: 2486047
Conc: 19.87 ug/ml



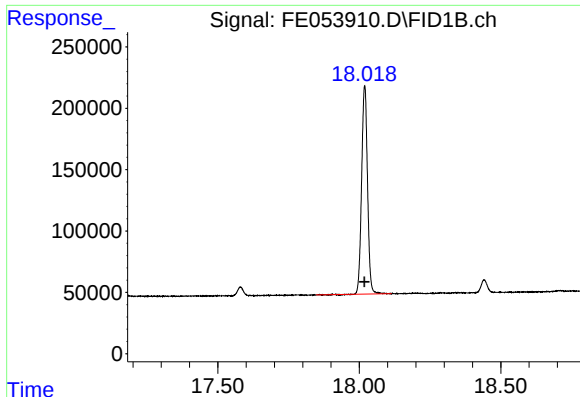
#15 n-Hexacosane (C26)

R.T.: 16.178 min
Delta R.T.: 0.000 min
Response: 2433303
Conc: 19.87 ug/ml



#16 n-Octacosane (C28)

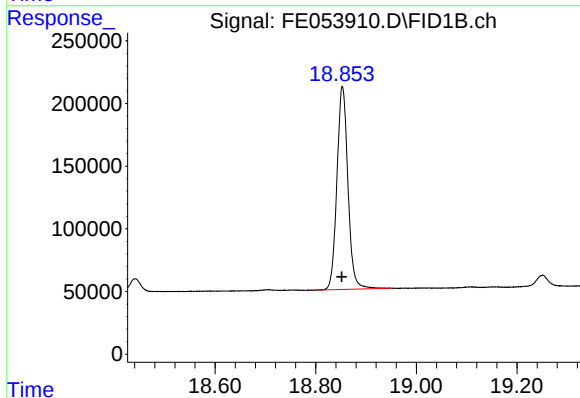
R.T.: 17.129 min
Delta R.T.: 0.000 min
Response: 2405084
Conc: 19.78 ug/ml



#17 n-Tricontane (C30)

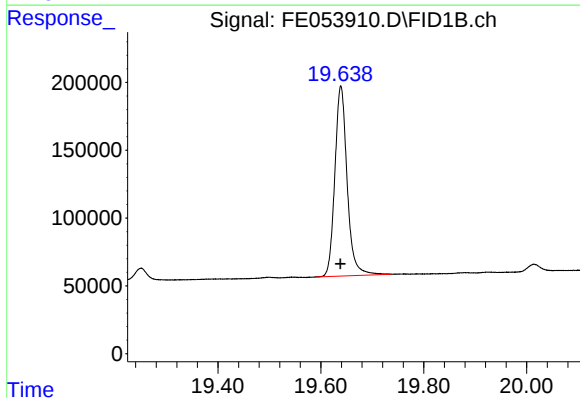
R.T.: 18.019 min
Delta R.T.: 0.000 min
Response: 2451210
Conc: 19.68 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



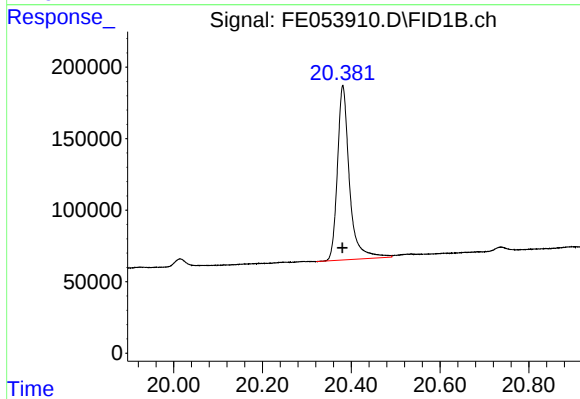
#18 n-Dotriacontane (C32)

R.T.: 18.853 min
Delta R.T.: 0.001 min
Response: 2458938
Conc: 19.66 ug/ml



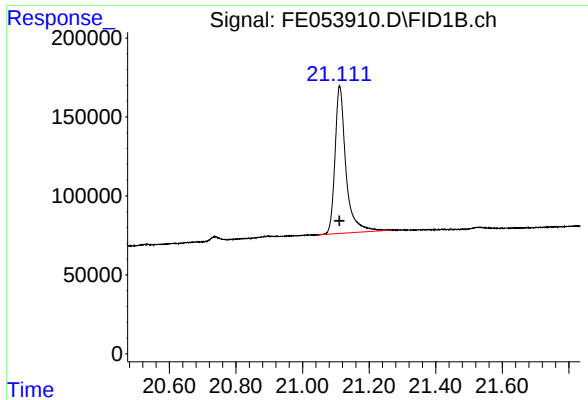
#19 n-Tetratriacontane (C34)

R.T.: 19.639 min
Delta R.T.: 0.001 min
Response: 2319808
Conc: 19.47 ug/ml



#20 n-Hexatriacontane (C36)

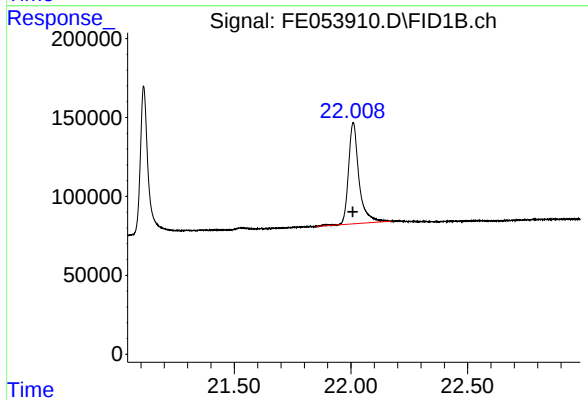
R.T.: 20.381 min
Delta R.T.: 0.000 min
Response: 2288976
Conc: 19.77 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.112 min
Delta R.T.: 0.000 min
Response: 2126970
Conc: 19.54 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.009 min
Delta R.T.: 0.003 min
Response: 2009769
Conc: 20.25 ug/ml