

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061025AL\
 Data File : FE054268.D
 Signal(s) : FID1B.ch
 Acq On : 10 Jun 2025 03:42
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD ICV

Integration File: autoint1.e
 Quant Time: Jun 10 07:25:44 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 061025.M
 Quant Title : GC Extractables
 QLast Update : Tue Jun 10 07:24:04 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)	11.834	3218506	19.478 ug/ml
Spiked Amount 50.000		Recovery =	38.96%
12) S 1-chlorooctadecane (S...	13.279	2386510	19.570 ug/ml
Spiked Amount 50.000		Recovery =	39.14%
Target Compounds			
1) T n-Nonane (C9)	3.180	2410126	19.408 ug/ml
2) T n-Decane (C10)	4.444	2421087	19.485 ug/ml
3) T A~Naphthalene (C11.7)	6.160	2608545	19.302 ug/ml
4) T n-Dodecane (C12)	6.626	2484771	19.514 ug/ml
5) T A~2-methylnaphthalene...	7.262	2596606	19.604 ug/ml
6) T n-Tetradecane (C14)	8.461	2511427	19.399 ug/ml
7) T n-Hexadecane (C16)	10.073	2580785	19.428 ug/ml
8) T n-Octadecane (C18)	11.520	2626956	19.454 ug/ml
10) T n-Eicosane (C20)	12.833	2600832	19.442 ug/ml
11) T n-Heneicosane (C21)	13.447	2587825	19.462 ug/ml
13) T n-Docosane (C22)	14.035	2559672	19.521 ug/ml
14) T n-Tetracosane (C24)	15.140	2516058	19.505 ug/ml
15) T n-Hexacosane (C26)	16.163	2460945	19.605 ug/ml
16) T n-Octacosane (C28)	17.115	2404688	19.609 ug/ml
17) T n-Tricontane (C30)	18.004	2422810	19.548 ug/ml
18) T n-Dotriacontane (C32)	18.838	2460252	19.581 ug/ml
19) T n-Tetratriacontane (C34)	19.623	2435340	19.576 ug/ml
20) T n-Hexatriacontane (C36)	20.364	2510341	19.501 ug/ml
21) T n-Octatriacontane (C38)	21.093	2551435	19.323 ug/ml
22) T n-Tetracontane (C40)	21.985	2611901	19.390 ug/ml

(f)=RT Delta > 1/2 Window

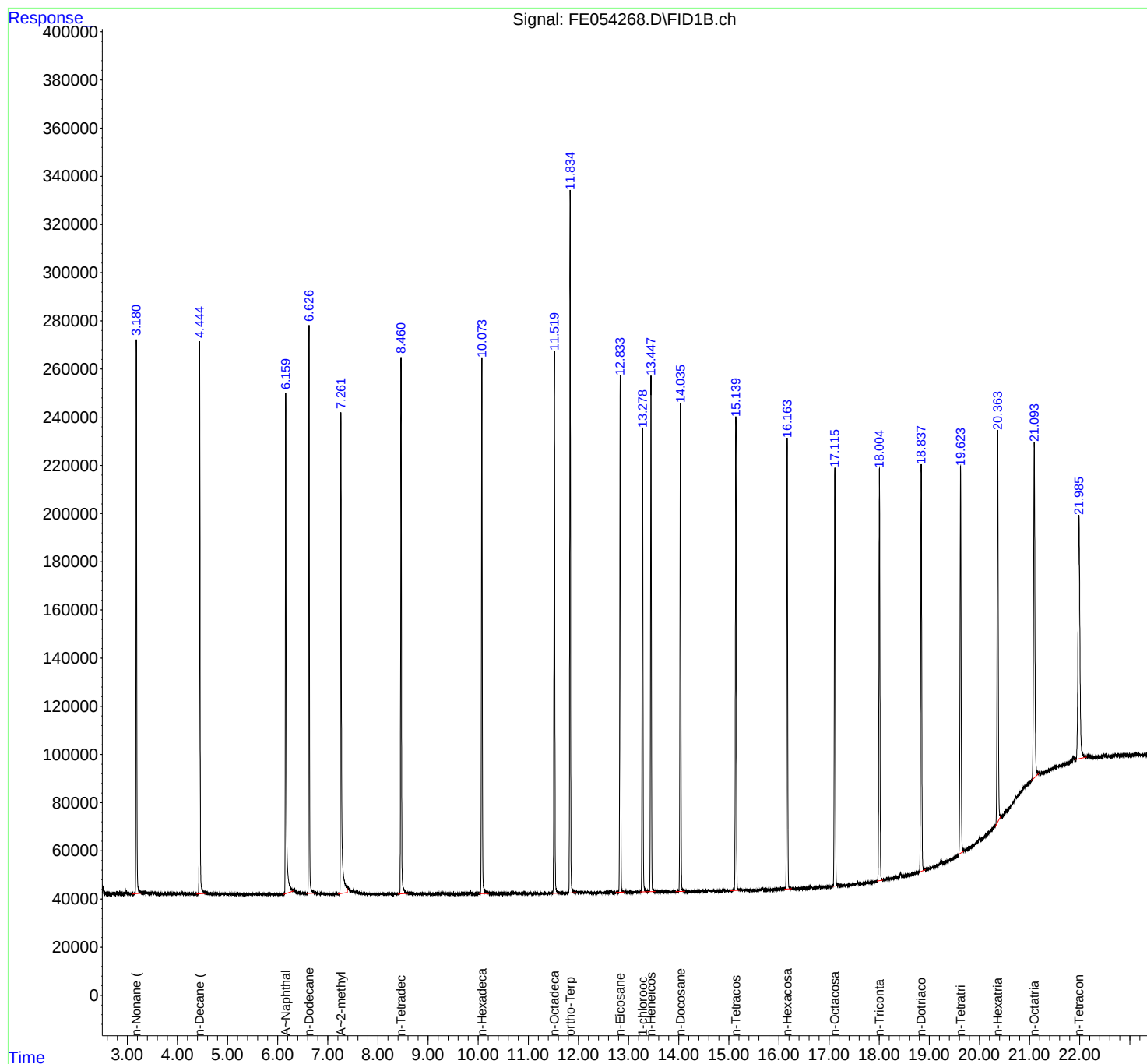
(m)=manual int.

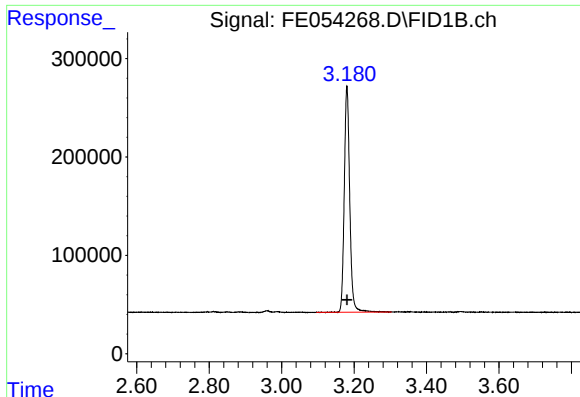
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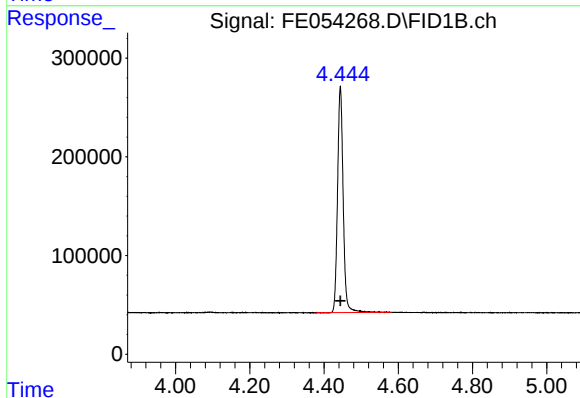




#1 n-Nonane (C9)

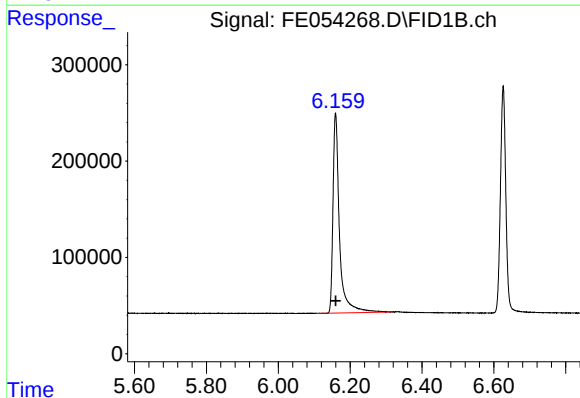
R.T.: 3.180 min
Delta R.T.: 0.000 min
Response: 2410126
Conc: 19.41 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD ICV



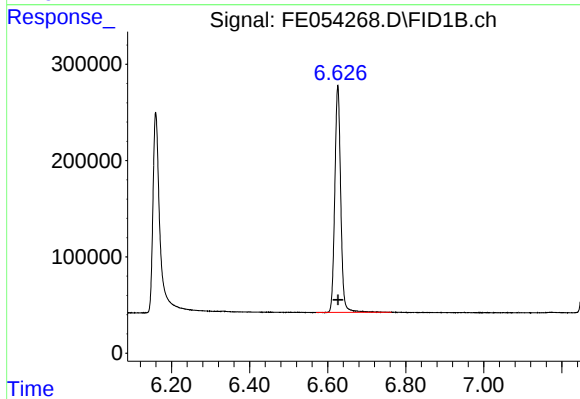
#2 n-Decane (C10)

R.T.: 4.444 min
Delta R.T.: 0.000 min
Response: 2421087
Conc: 19.49 ug/ml



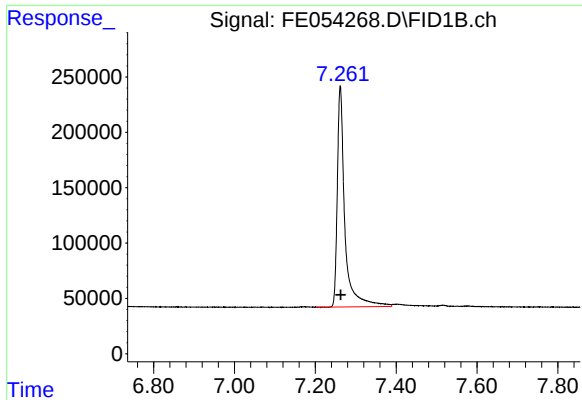
#3 A~Naphthalene (C11.7)

R.T.: 6.160 min
Delta R.T.: 0.000 min
Response: 2608545
Conc: 19.30 ug/ml



#4 n-Dodecane (C12)

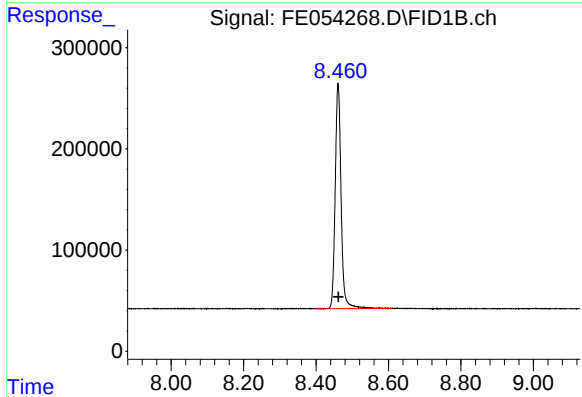
R.T.: 6.626 min
Delta R.T.: 0.000 min
Response: 2484771
Conc: 19.51 ug/ml



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

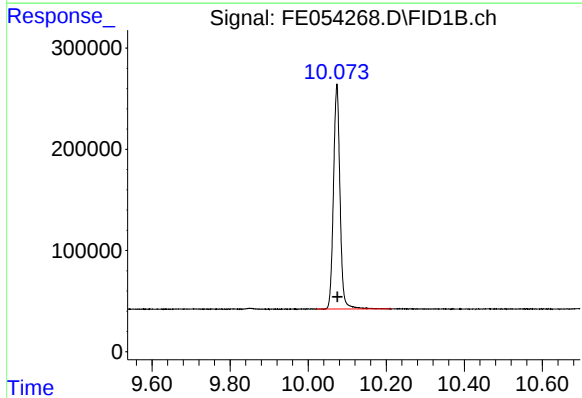
R.T.: 7.262 min
Delta R.T.: 0.000 min
Response: 2596606
Conc: 19.60 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD ICV



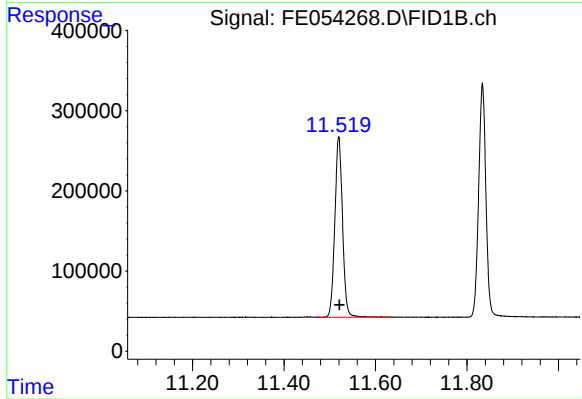
#6 n-Tetradecane (C14)

R.T.: 8.461 min
Delta R.T.: 0.000 min
Response: 2511427
Conc: 19.40 ug/ml



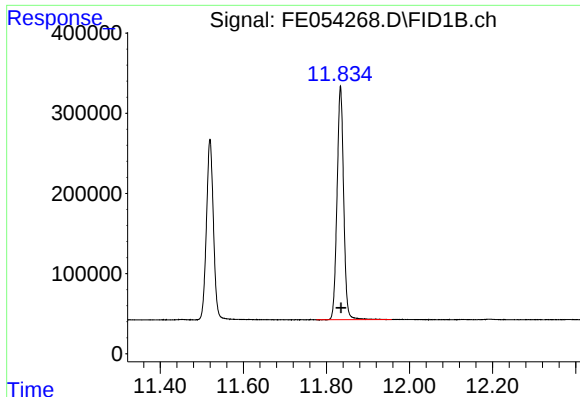
#7 n-Hexadecane (C16)

R.T.: 10.073 min
Delta R.T.: -0.001 min
Response: 2580785
Conc: 19.43 ug/ml



#8 n-Octadecane (C18)

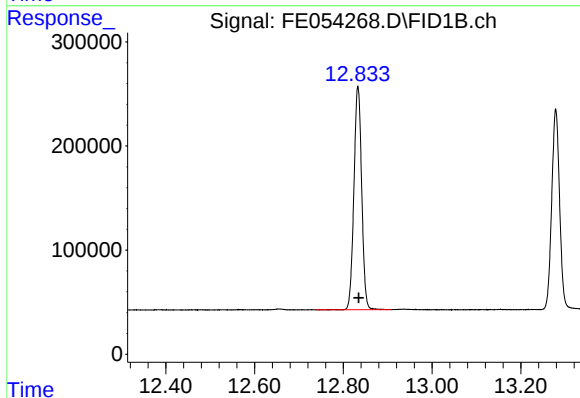
R.T.: 11.520 min
Delta R.T.: -0.001 min
Response: 2626956
Conc: 19.45 ug/ml



#9 ortho-Terphenyl (SURR)

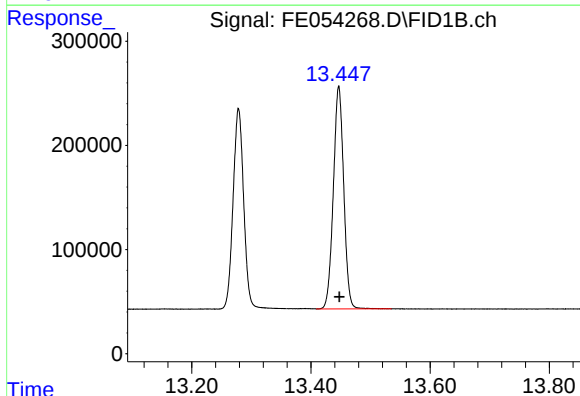
R.T.: 11.834 min
Delta R.T.: -0.001 min
Response: 3218506
Conc: 19.48 ug/ml

Instrument :
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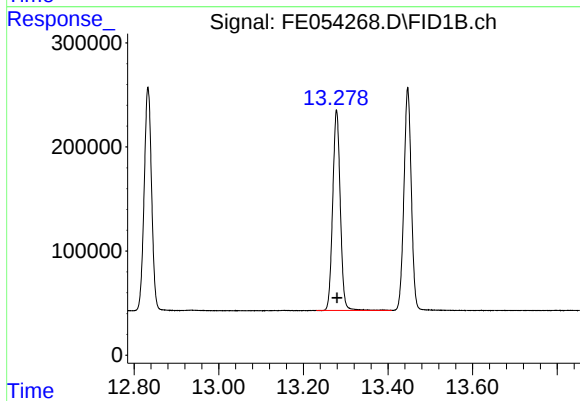
#10 n-Eicosane (C20)

R.T.: 12.833 min
Delta R.T.: -0.002 min
Response: 2600832
Conc: 19.44 ug/ml



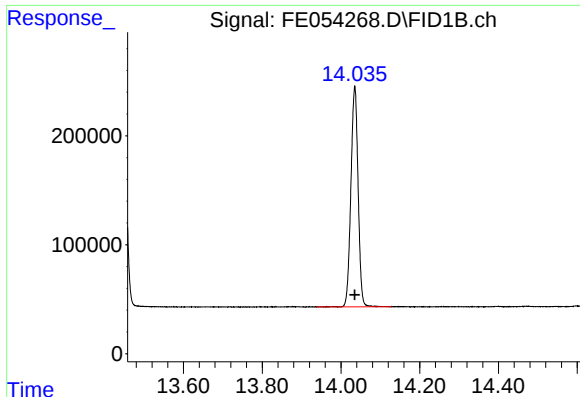
#11 n-Heneicosane (C21)

R.T.: 13.447 min
Delta R.T.: 0.000 min
Response: 2587825
Conc: 19.46 ug/ml



#12 1-chlorooctadecane (SURR)

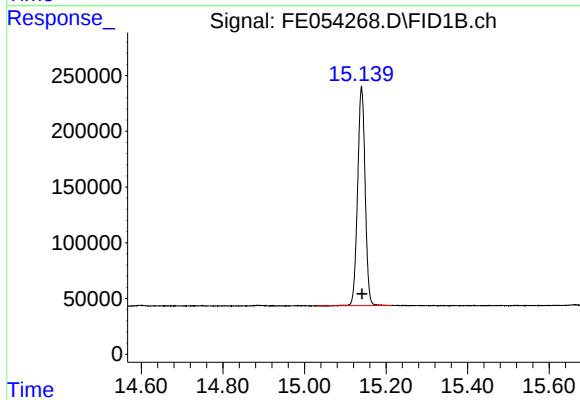
R.T.: 13.279 min
Delta R.T.: 0.000 min
Response: 2386510
Conc: 19.57 ug/ml



#13 n-Docosane (C22)

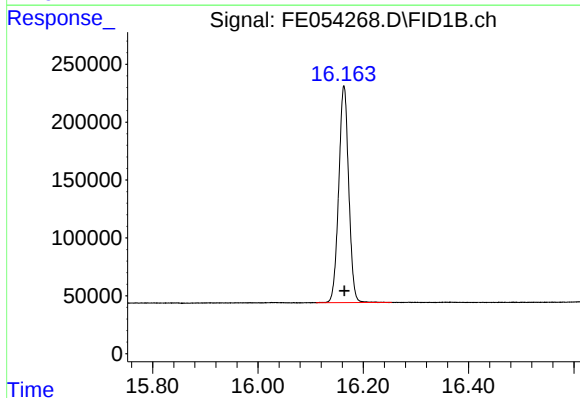
R.T.: 14.035 min
Delta R.T.: 0.000 min
Response: 2559672
Conc: 19.52 ug/ml

Instrument :
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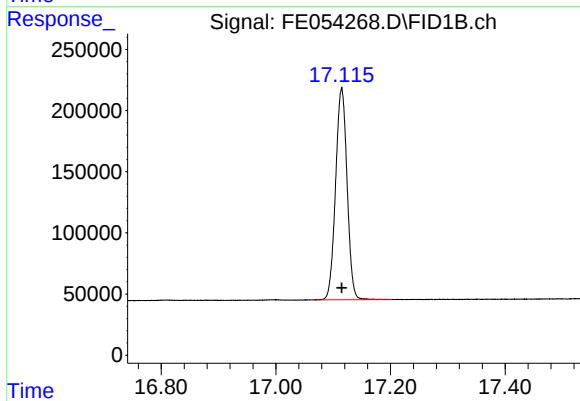
#14 n-Tetracosane (C24)

R.T.: 15.140 min
Delta R.T.: -0.001 min
Response: 2516058
Conc: 19.51 ug/ml



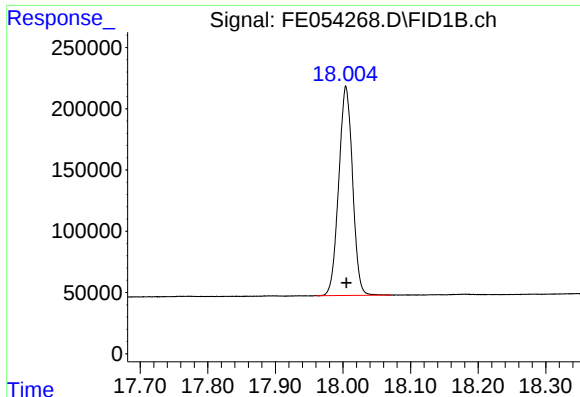
#15 n-Hexacosane (C26)

R.T.: 16.163 min
Delta R.T.: 0.000 min
Response: 2460945
Conc: 19.60 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.115 min
Delta R.T.: 0.000 min
Response: 2404688
Conc: 19.61 ug/ml



#17 n-Tricontane (C30)

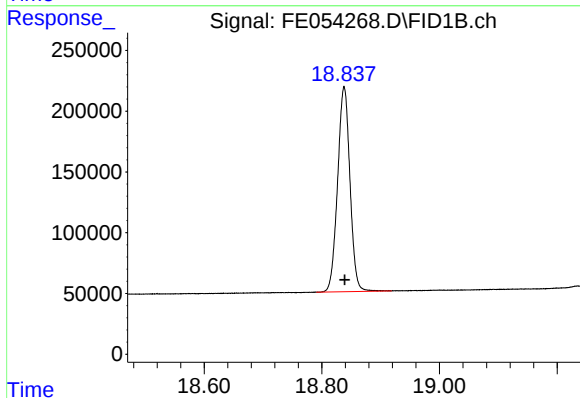
R.T.: 18.004 min
Delta R.T.: 0.000 min
Response: 2422810
Conc: 19.55 ug/ml

Instrument :

FID_E

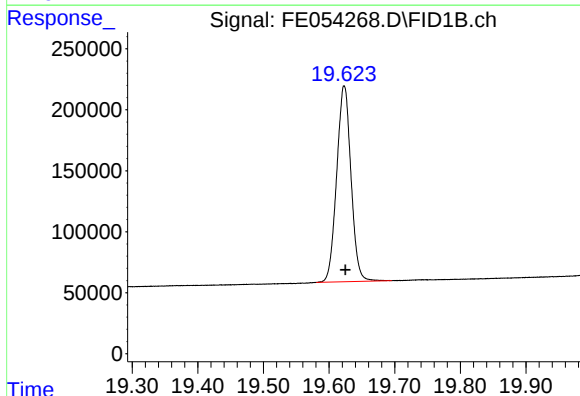
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



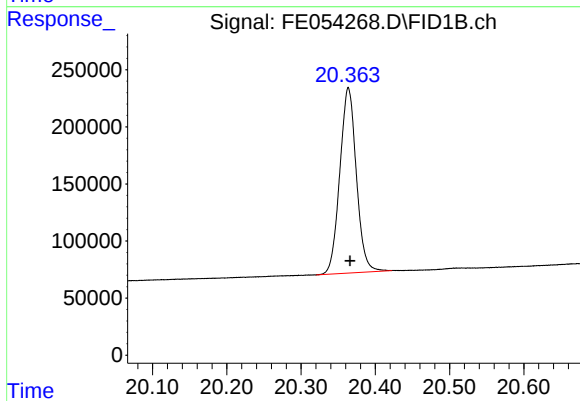
#18 n-Dotriacontane (C32)

R.T.: 18.838 min
Delta R.T.: -0.001 min
Response: 2460252
Conc: 19.58 ug/ml



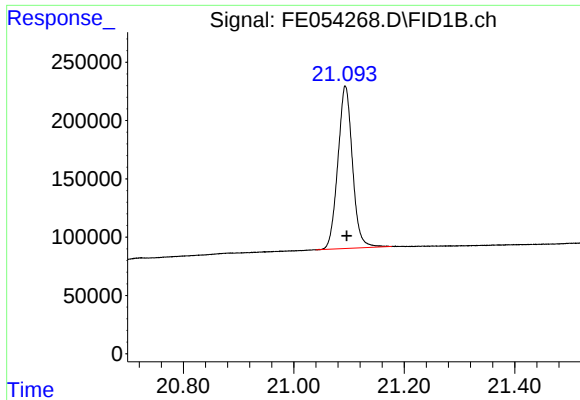
#19 n-Tetratriacontane (C34)

R.T.: 19.623 min
Delta R.T.: -0.002 min
Response: 2435340
Conc: 19.58 ug/ml



#20 n-Hexatriacontane (C36)

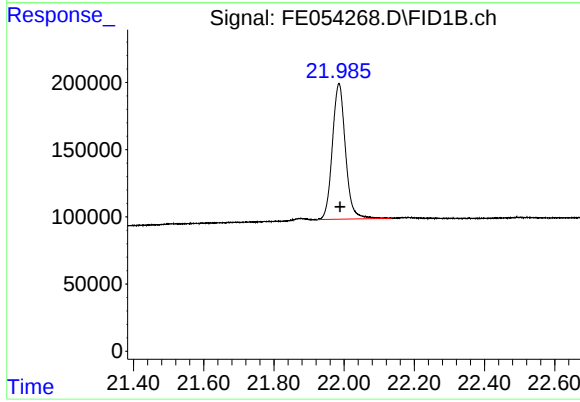
R.T.: 20.364 min
Delta R.T.: -0.002 min
Response: 2510341
Conc: 19.50 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.093 min
Delta R.T.: -0.002 min
Response: 2551435
Conc: 19.32 ug/ml

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20 PPM ALIPHATIC HC STD ICV



#22 n-Tetracontane (C40)

R.T.: 21.985 min
Delta R.T.: -0.003 min
Response: 2611901
Conc: 19.39 ug/ml