

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE060525AL\
 Data File : FE054212.D
 Signal(s) : FID1B.ch
 Acq On : 06 Jun 2025 01:50
 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: Jun 06 02:19:33 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)	11.833	2990927	18.404 ug/ml
Spiked Amount 50.000		Recovery =	36.81%
12) S 1-chlorooctadecane (S...	13.277	2255689	19.027 ug/ml
Spiked Amount 50.000		Recovery =	38.05%
Target Compounds			
1) T n-Nonane (C9)	3.181	2188790	16.195 ug/ml
2) T n-Decane (C10)	4.444	2253609	16.677 ug/ml
3) T A~Naphthalene (C11.7)	6.159	2483394	17.280 ug/ml
4) T n-Dodecane (C12)	6.626	2358641	17.291 ug/ml
5) T A~2-methylnaphthalene...	7.262	2497319	18.004 ug/ml
6) T n-Tetradecane (C14)	8.461	2399819	17.783 ug/ml
7) T n-Hexadecane (C16)	10.073	2449625	18.154 ug/ml
8) T n-Octadecane (C18)	11.519	2474466	18.376 ug/ml
10) T n-Eicosane (C20)	12.832	2457704	18.700 ug/ml
11) T n-Heneicosane (C21)	13.445	2439421	18.816 ug/ml
13) T n-Docosane (C22)	14.032	2447219	19.182 ug/ml
14) T n-Tetracosane (C24)	15.137	2498346	19.968 ug/ml
15) T n-Hexacosane (C26)	16.161	2468383	20.158 ug/ml
16) T n-Octacosane (C28)	17.113	2470142	20.320 ug/ml
17) T n-Tricontane (C30)	18.002	2549407	20.467 ug/ml
18) T n-Dotriacontane (C32)	18.836	2522489	20.171 ug/ml
19) T n-Tetratriacontane (C34)	19.620	2280647	19.146 ug/ml
20) T n-Hexatriacontane (C36)	20.361	2185680	18.877 ug/ml
21) T n-Octatriacontane (C38)	21.089	1953681	17.952 ug/ml
22) T n-Tetracontane (C40)	21.979	1880820	18.954 ug/ml

(f)=RT Delta > 1/2 Window

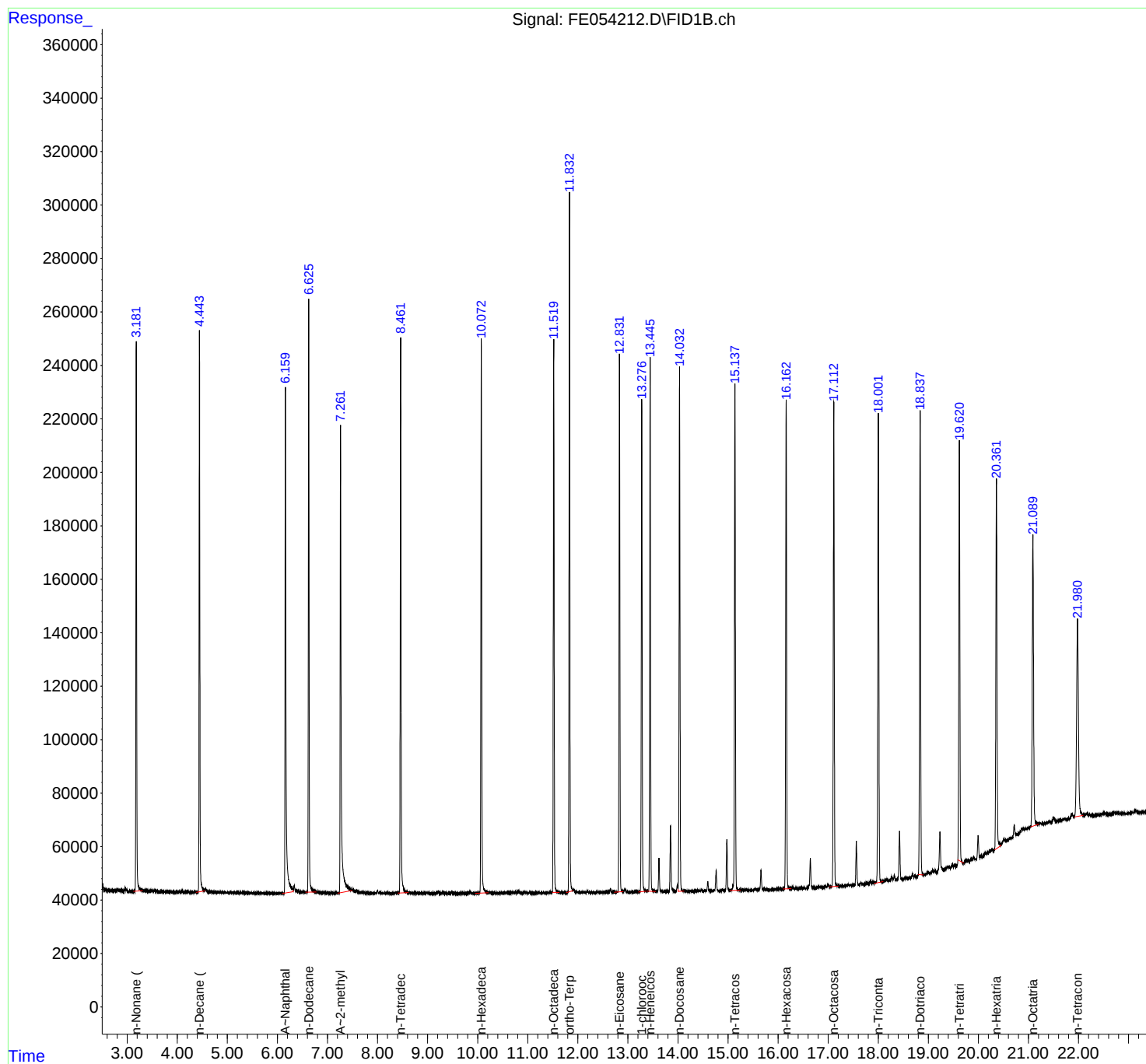
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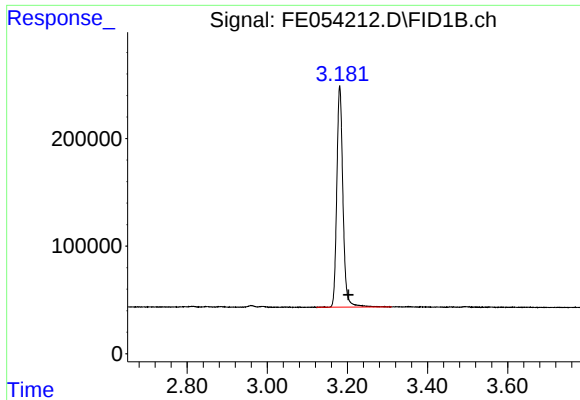
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE060525AL\
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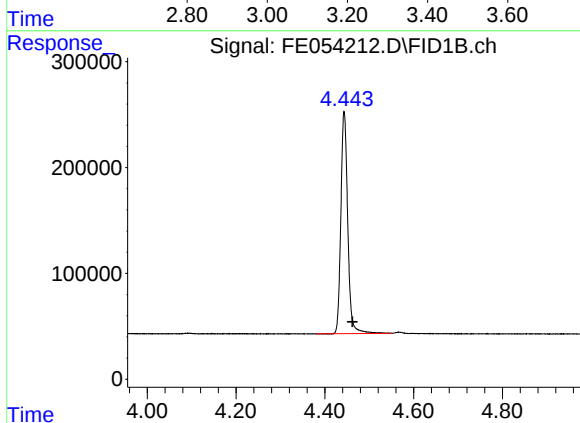




#1 n-Nonane (C9)

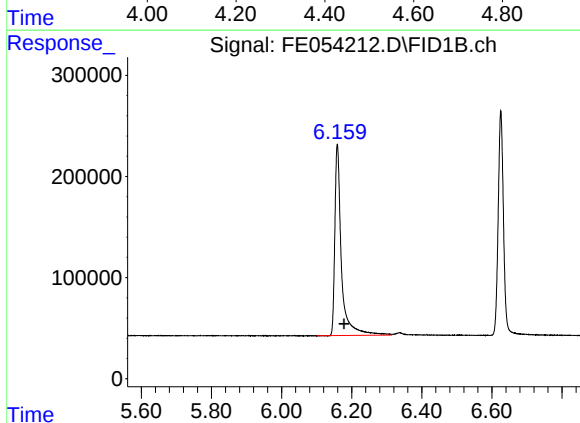
R.T.: 3.181 min
Delta R.T.: -0.021 min
Response: 2188790
Conc: 16.19 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



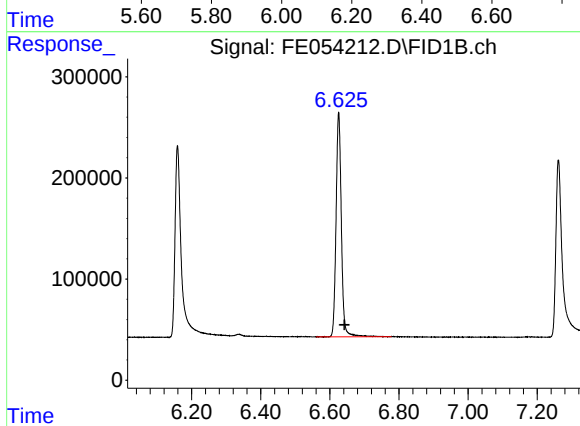
#2 n-Decane (C10)

R.T.: 4.444 min
Delta R.T.: -0.019 min
Response: 2253609
Conc: 16.68 ug/ml



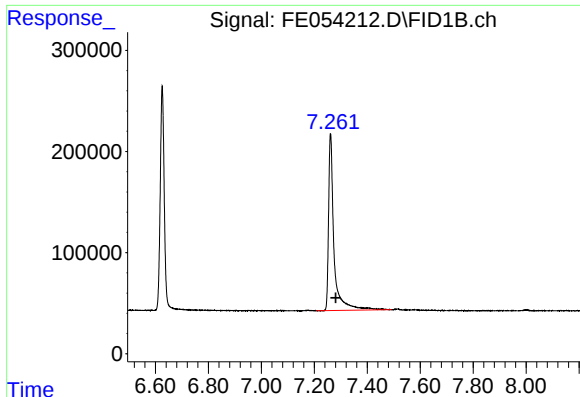
#3 A~Naphthalene (C11.7)

R.T.: 6.159 min
Delta R.T.: -0.019 min
Response: 2483394
Conc: 17.28 ug/ml



#4 n-Dodecane (C12)

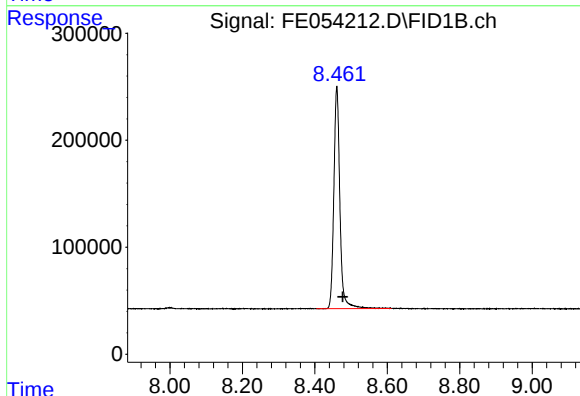
R.T.: 6.626 min
Delta R.T.: -0.017 min
Response: 2358641
Conc: 17.29 ug/ml



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

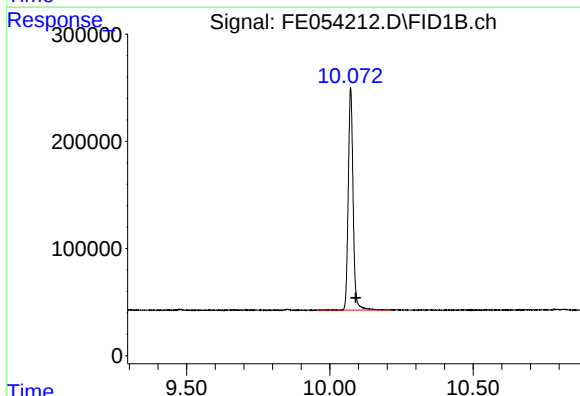
R.T.: 7.262 min
Delta R.T.: -0.019 min
Response: 2497319
Conc: 18.00 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



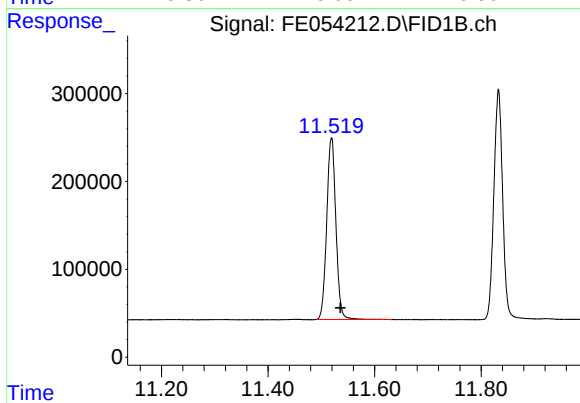
#6 n-Tetradecane (C14)

R.T.: 8.461 min
Delta R.T.: -0.017 min
Response: 2399819
Conc: 17.78 ug/ml



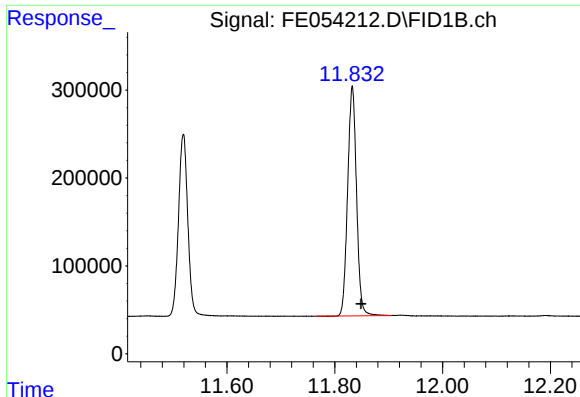
#7 n-Hexadecane (C16)

R.T.: 10.073 min
Delta R.T.: -0.017 min
Response: 2449625
Conc: 18.15 ug/ml



#8 n-Octadecane (C18)

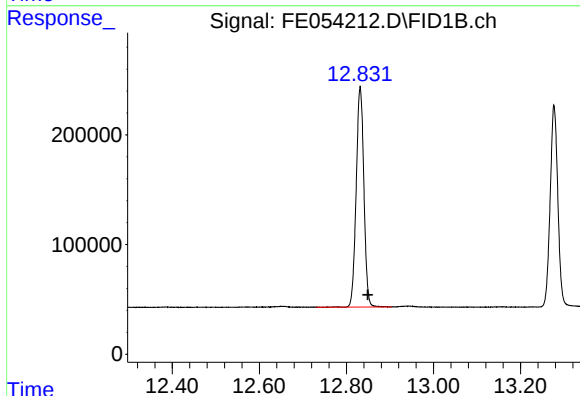
R.T.: 11.519 min
Delta R.T.: -0.017 min
Response: 2474466
Conc: 18.38 ug/ml



#9 ortho-Terphenyl (SURR)

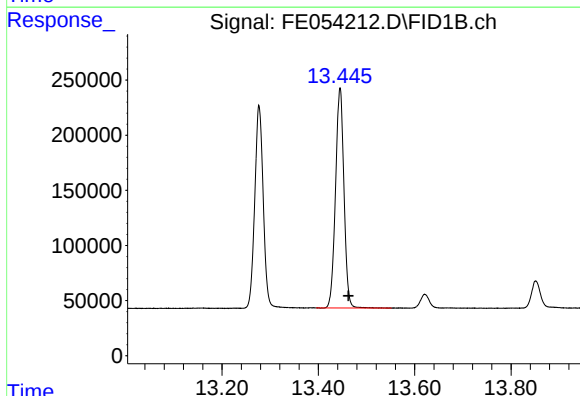
R.T.: 11.833 min
Delta R.T.: -0.016 min
Response: 2990927
Conc: 18.40 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



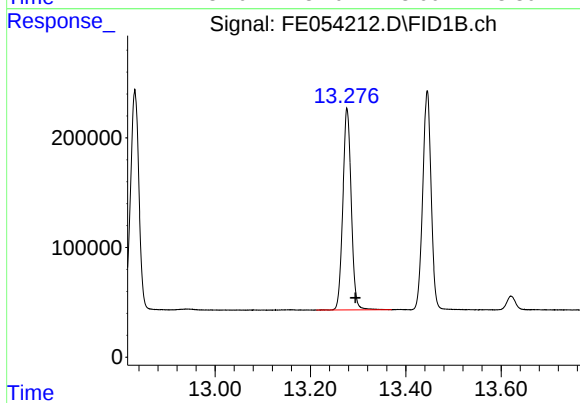
#10 n-Eicosane (C20)

R.T.: 12.832 min
Delta R.T.: -0.017 min
Response: 2457704
Conc: 18.70 ug/ml



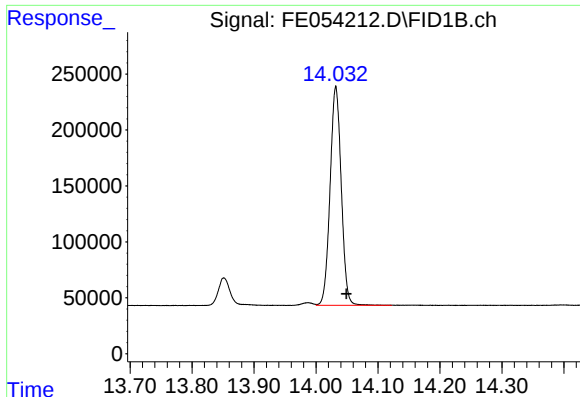
#11 n-Heneicosane (C21)

R.T.: 13.445 min
Delta R.T.: -0.017 min
Response: 2439421
Conc: 18.82 ug/ml



#12 1-chlorooctadecane (SURR)

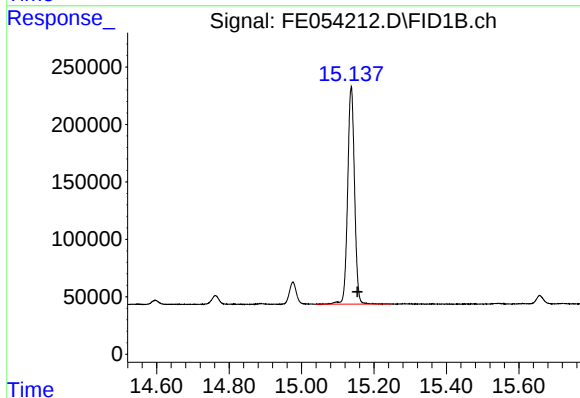
R.T.: 13.277 min
Delta R.T.: -0.018 min
Response: 2255689
Conc: 19.03 ug/ml



#13 n-Docosane (C22)

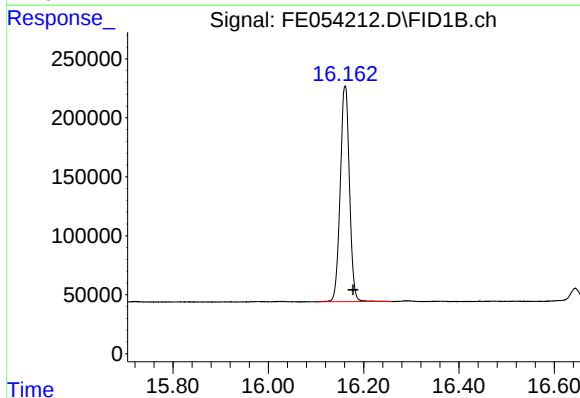
R.T.: 14.032 min
Delta R.T.: -0.017 min
Response: 2447219
Conc: 19.18 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



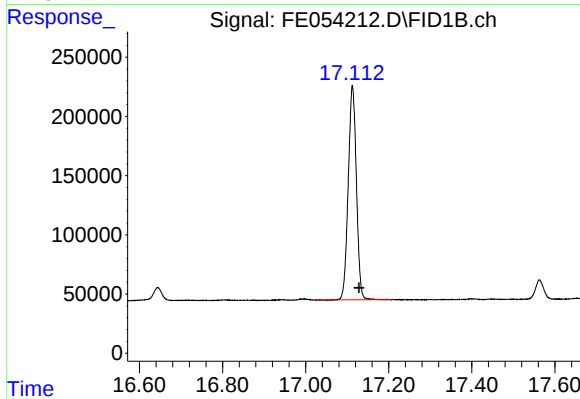
#14 n-Tetracosane (C24)

R.T.: 15.137 min
Delta R.T.: -0.018 min
Response: 2498346
Conc: 19.97 ug/ml



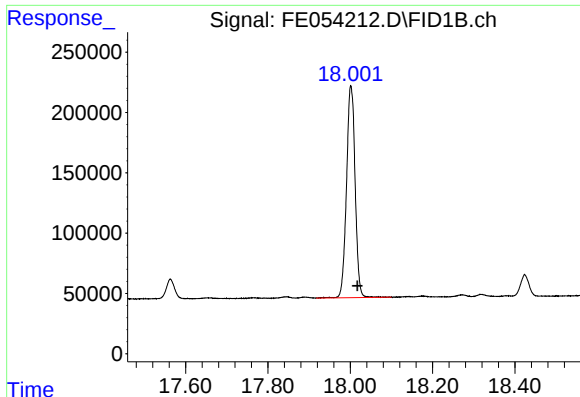
#15 n-Hexacosane (C26)

R.T.: 16.161 min
Delta R.T.: -0.017 min
Response: 2468383
Conc: 20.16 ug/ml



#16 n-Octacosane (C28)

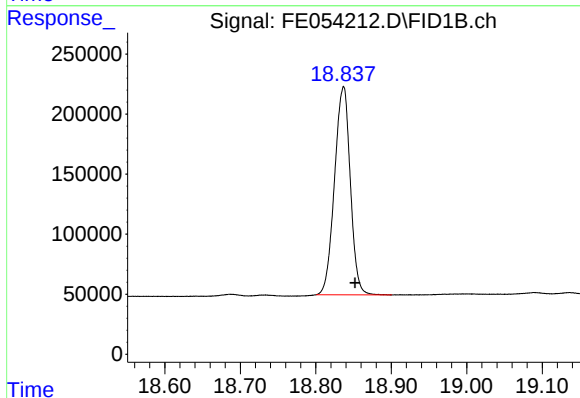
R.T.: 17.113 min
Delta R.T.: -0.016 min
Response: 2470142
Conc: 20.32 ug/ml



#17 n-Tricontane (C30)

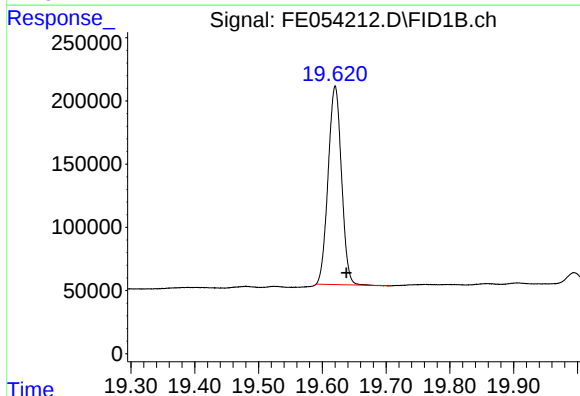
R.T.: 18.002 min
Delta R.T.: -0.016 min
Response: 2549407
Conc: 20.47 ug/ml

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20 PPM ALIPHATIC HC STD



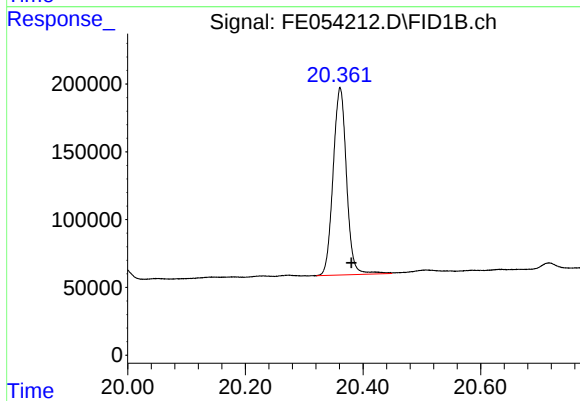
#18 n-Dotriacontane (C32)

R.T.: 18.836 min
Delta R.T.: -0.016 min
Response: 2522489
Conc: 20.17 ug/ml



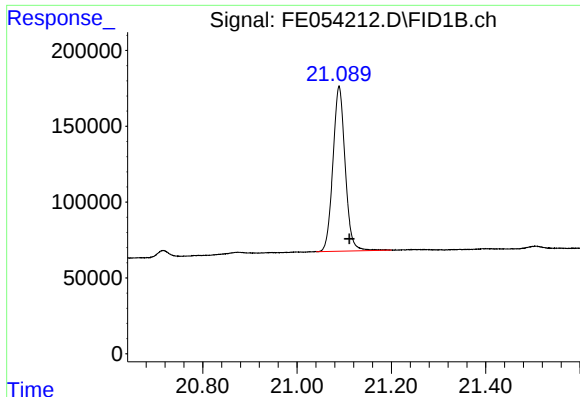
#19 n-Tetratriacontane (C34)

R.T.: 19.620 min
Delta R.T.: -0.018 min
Response: 2280647
Conc: 19.15 ug/ml



#20 n-Hexatriacontane (C36)

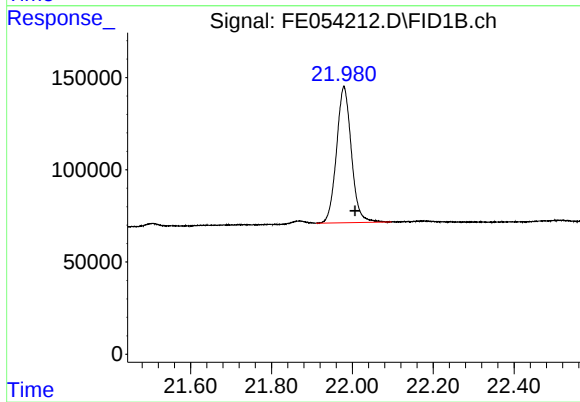
R.T.: 20.361 min
Delta R.T.: -0.019 min
Response: 2185680
Conc: 18.88 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.089 min
Delta R.T.: -0.022 min
Response: 1953681
Conc: 17.95 ug/ml

Instrument :
FID_E
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#22 n-Tetracontane (C40)

R.T.: 21.979 min
Delta R.T.: -0.028 min
Response: 1880820
Conc: 18.95 ug/ml