

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE042425AL\
 Data File : FE053519.D
 Signal(s) : FID1B.ch
 Acq On : 24 Apr 2025 11:54
 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: Apr 25 01:25:35 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 041725.M
 Quant Title : GC Extractables
 QLast Update : Wed Apr 23 15:58:53 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)	11.869	3395367	18.825 ug/ml
Spiked Amount 50.000		Recovery =	37.65%
12) S 1-chlorooctadecane (S...	13.314	2501733	18.507 ug/ml
Spiked Amount 50.000		Recovery =	37.01%
Target Compounds			
1) T n-Nonane (C9)	3.218	2752059	20.073 ug/ml
2) T n-Decane (C10)	4.479	2814119	20.343 ug/ml
3) T A~Naphthalene (C11.7)	6.191	3071604	20.349 ug/ml
4) T n-Dodecane (C12)	6.659	2840412	20.253 ug/ml
5) T A~2-methylnaphthalene...	7.292	3024915	20.260 ug/ml
6) T n-Tetradecane (C14)	8.494	2814694	20.063 ug/ml
7) T n-Hexadecane (C16)	10.107	2814006	19.634 ug/ml
8) T n-Octadecane (C18)	11.555	2712639	18.614 ug/ml
10) T n-Eicosane (C20)	12.868	2731508	18.772 ug/ml
11) T n-Heneicosane (C21)	13.482	2695701	18.611 ug/ml
13) T n-Docosane (C22)	14.069	2674875	18.537 ug/ml
14) T n-Tetracosane (C24)	15.175	2635422	18.347 ug/ml
15) T n-Hexacosane (C26)	16.197	2592639	18.306 ug/ml
16) T n-Octacosane (C28)	17.149	2599289	18.683 ug/ml
17) T n-Tricontane (C30)	18.039	2705174	19.434 ug/ml
18) T n-Dotriacontane (C32)	18.872	2749150	20.022 ug/ml
19) T n-Tetratriacontane (C34)	19.658	2632106	20.201 ug/ml
20) T n-Hexatriacontane (C36)	20.400	2607112	20.651 ug/ml
21) T n-Octatriacontane (C38)	21.134	2524433	20.721 ug/ml
22) T n-Tetracontane (C40)	22.037	2474805	20.723 ug/ml

(f)=RT Delta > 1/2 Window

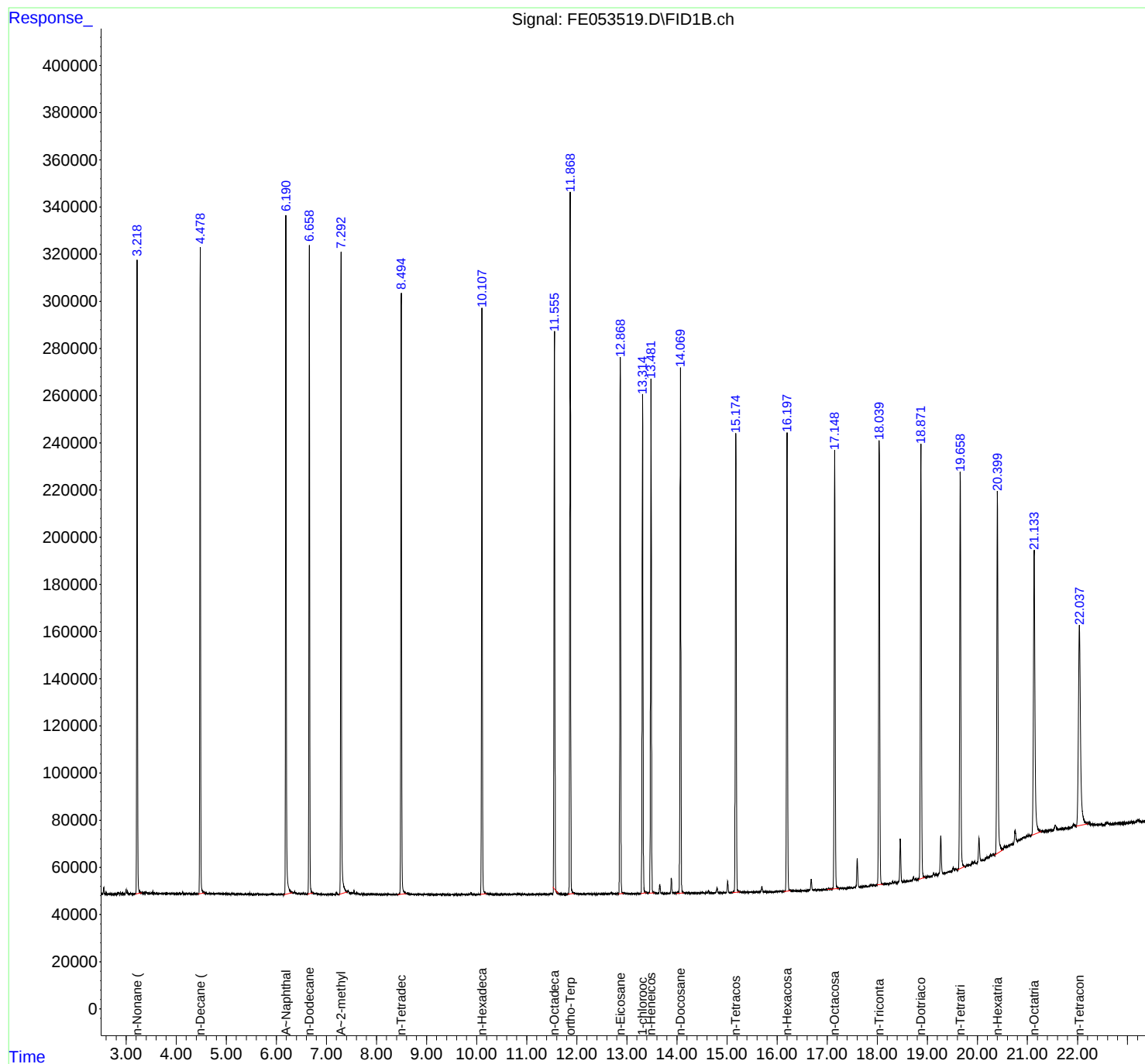
(m)=manual int.

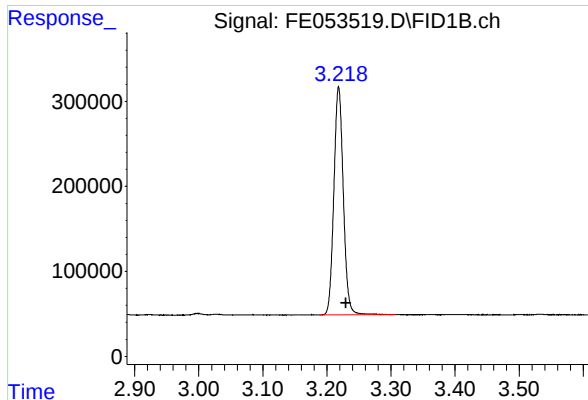
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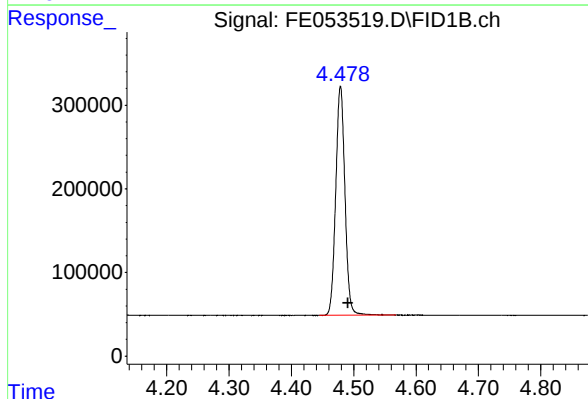




#1 n-Nonane (C9)

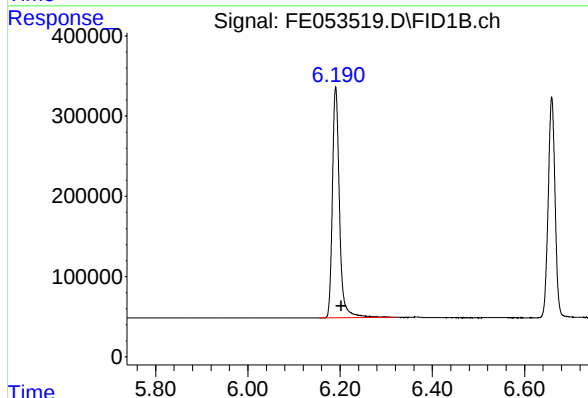
R.T.: 3.218 min
Delta R.T.: -0.012 min
Response: 2752059
Conc: 20.07 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



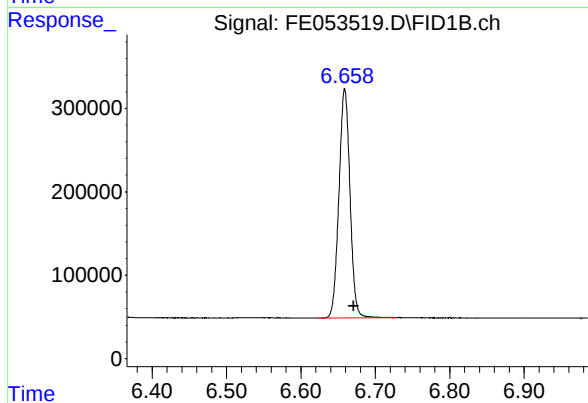
#2 n-Decane (C10)

R.T.: 4.479 min
Delta R.T.: -0.012 min
Response: 2814119
Conc: 20.34 ug/ml



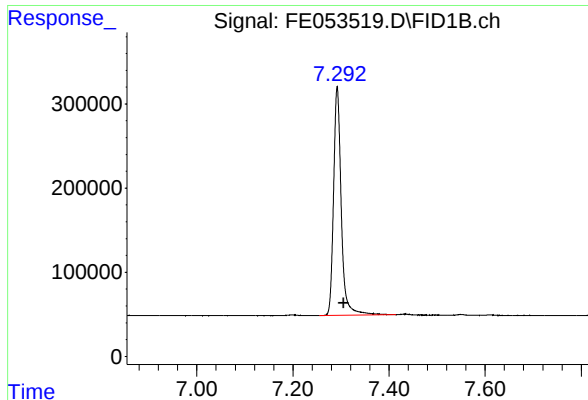
#3 A~Naphthalene (C11.7)

R.T.: 6.191 min
Delta R.T.: -0.013 min
Response: 3071604
Conc: 20.35 ug/ml



#4 n-Dodecane (C12)

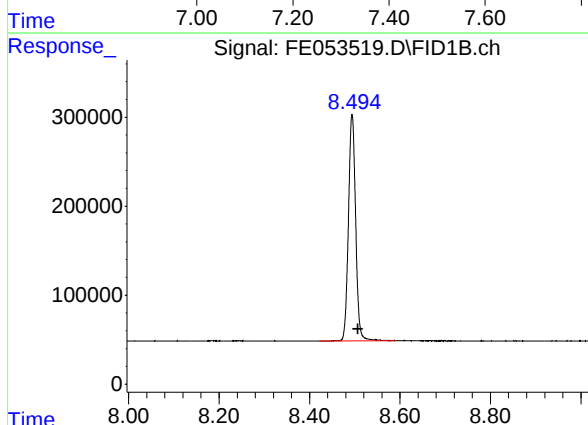
R.T.: 6.659 min
Delta R.T.: -0.012 min
Response: 2840412
Conc: 20.25 ug/ml



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

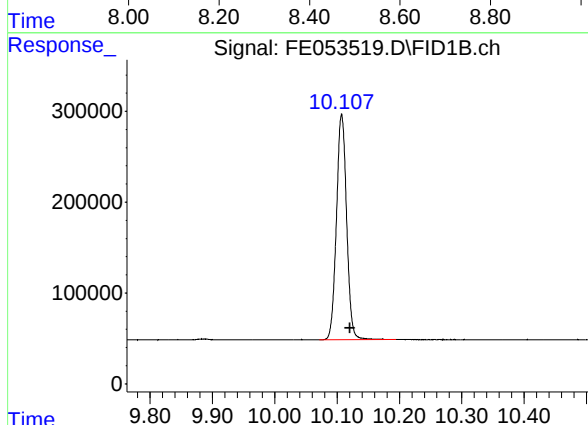
R.T.: 7.292 min
Delta R.T.: -0.013 min
Response: 3024915
Conc: 20.26 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



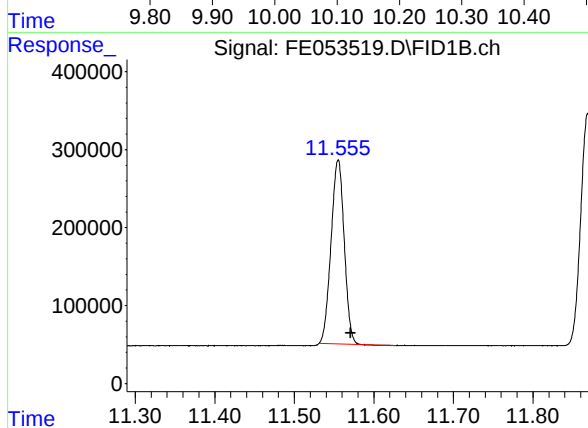
#6 n-Tetradecane (C14)

R.T.: 8.494 min
Delta R.T.: -0.013 min
Response: 2814694
Conc: 20.06 ug/ml



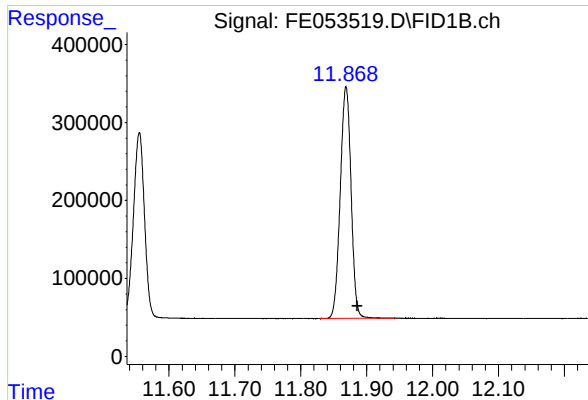
#7 n-Hexadecane (C16)

R.T.: 10.107 min
Delta R.T.: -0.014 min
Response: 2814006
Conc: 19.63 ug/ml



#8 n-Octadecane (C18)

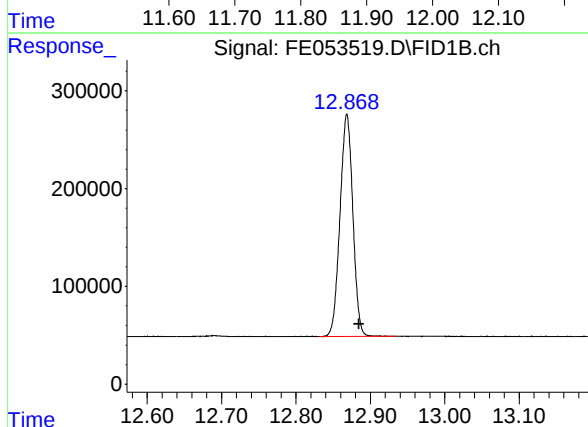
R.T.: 11.555 min
Delta R.T.: -0.016 min
Response: 2712639
Conc: 18.61 ug/ml



#9 ortho-Terphenyl (SURR)

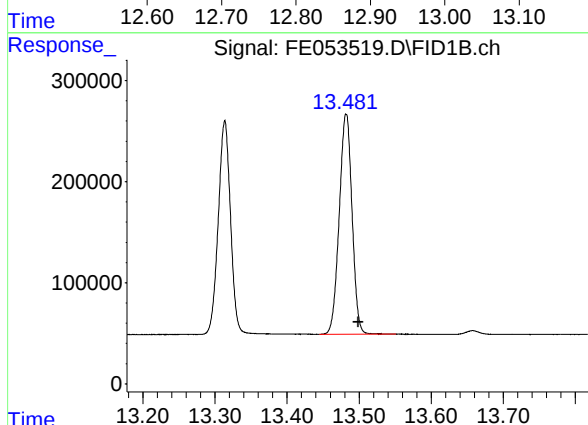
R.T.: 11.869 min
Delta R.T.: -0.017 min
Response: 3395367
Conc: 18.83 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



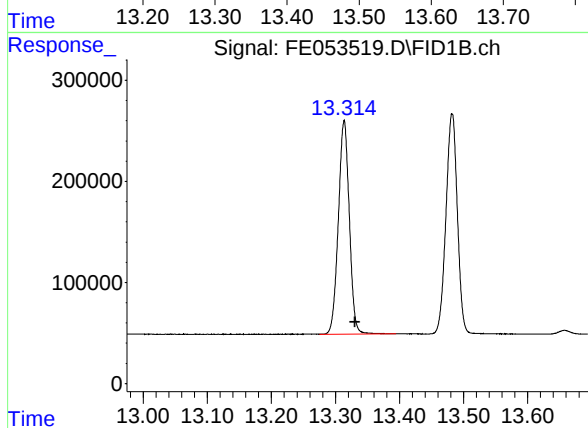
#10 n-Eicosane (C20)

R.T.: 12.868 min
Delta R.T.: -0.016 min
Response: 2731508
Conc: 18.77 ug/ml



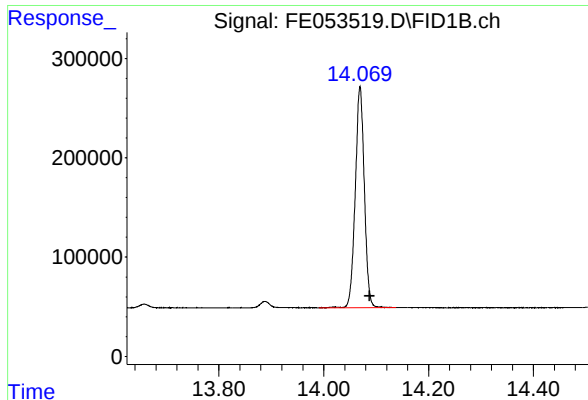
#11 n-Heneicosane (C21)

R.T.: 13.482 min
Delta R.T.: -0.017 min
Response: 2695701
Conc: 18.61 ug/ml



#12 1-chlorooctadecane (SURR)

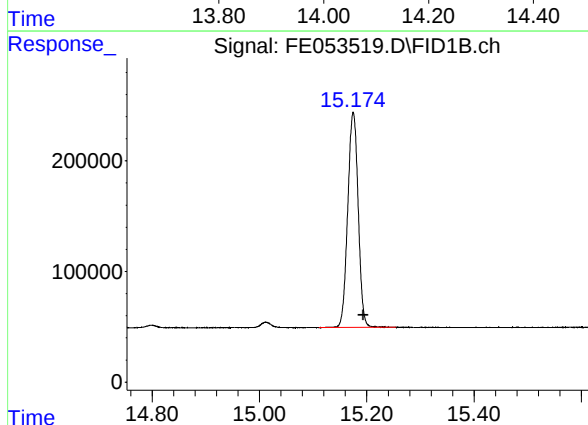
R.T.: 13.314 min
Delta R.T.: -0.017 min
Response: 2501733
Conc: 18.51 ug/ml



#13 n-Docosane (C22)

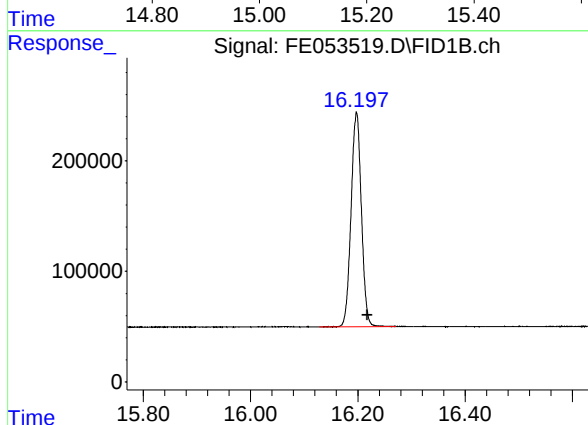
R.T.: 14.069 min
Delta R.T.: -0.018 min
Response: 2674875
Conc: 18.54 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



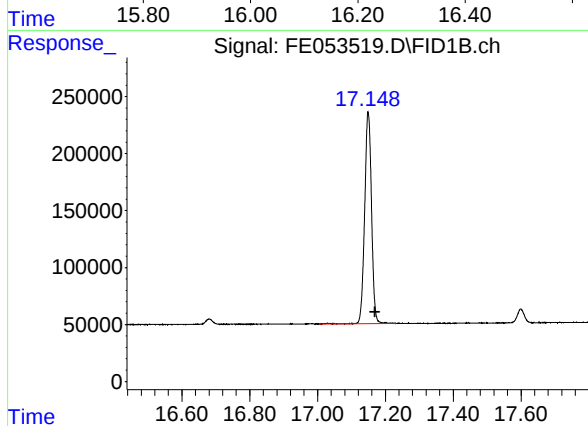
#14 n-Tetracosane (C24)

R.T.: 15.175 min
Delta R.T.: -0.019 min
Response: 2635422
Conc: 18.35 ug/ml



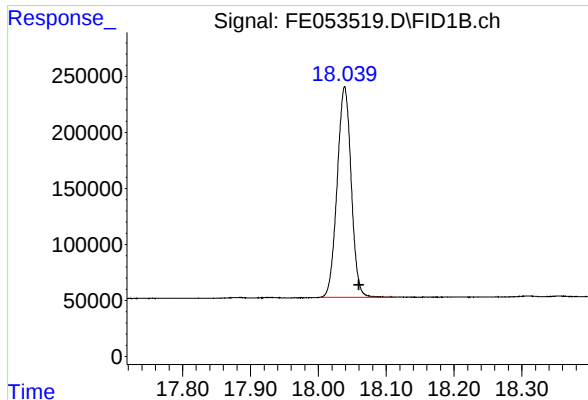
#15 n-Hexacosane (C26)

R.T.: 16.197 min
Delta R.T.: -0.020 min
Response: 2592639
Conc: 18.31 ug/ml



#16 n-Octacosane (C28)

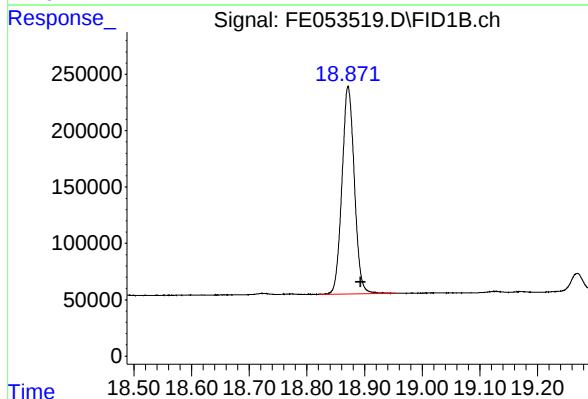
R.T.: 17.149 min
Delta R.T.: -0.021 min
Response: 2599289
Conc: 18.68 ug/ml



#17 n-Tricontane (C30)

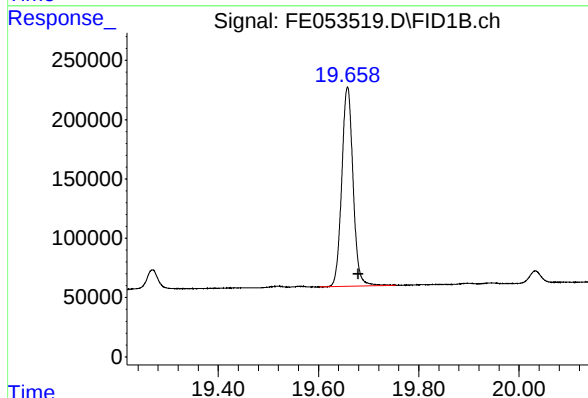
R.T.: 18.039 min
Delta R.T.: -0.021 min
Response: 2705174
Conc: 19.43 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



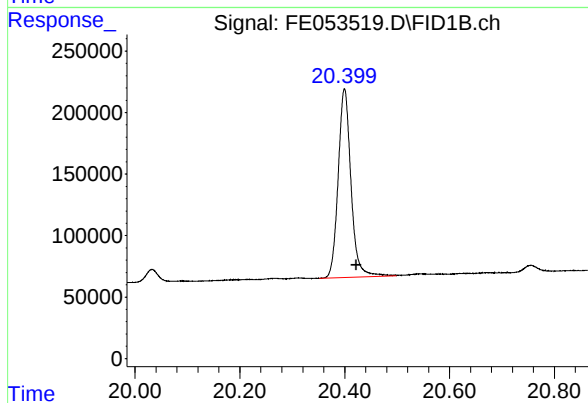
#18 n-Dotriacontane (C32)

R.T.: 18.872 min
Delta R.T.: -0.022 min
Response: 2749150
Conc: 20.02 ug/ml



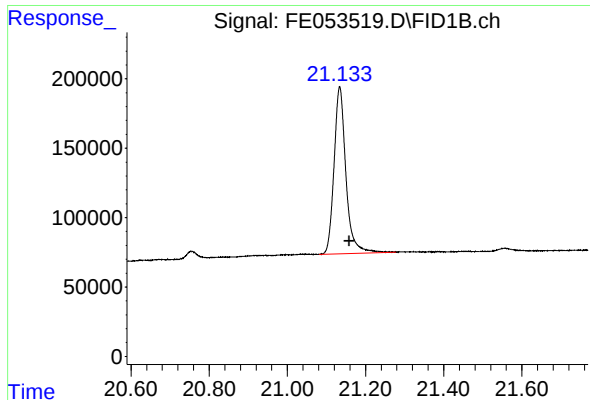
#19 n-Tetatriacontane (C34)

R.T.: 19.658 min
Delta R.T.: -0.022 min
Response: 2632106
Conc: 20.20 ug/ml



#20 n-Hexatriacontane (C36)

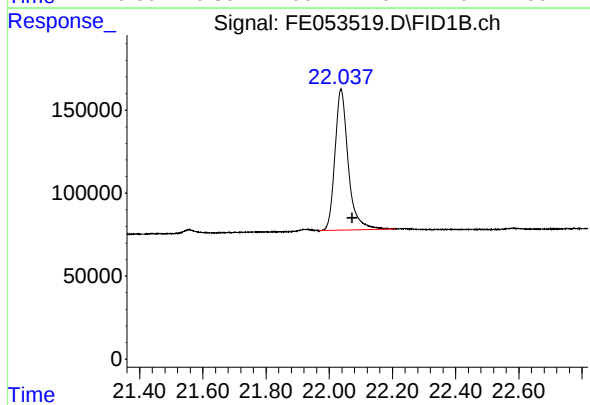
R.T.: 20.400 min
Delta R.T.: -0.022 min
Response: 2607112
Conc: 20.65 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.134 min
Delta R.T.: -0.024 min
Response: 2524433
Conc: 20.72 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.037 min
Delta R.T.: -0.036 min
Response: 2474805
Conc: 20.72 ug/ml