

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE012425AL\
 Data File : FE052041.D
 Signal(s) : FID1B.ch
 Acq On : 24 Jan 2025 10:47
 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: autoint1.e
 Quant Time: Jan 25 04:58:08 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 011625.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 16 16:05:07 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)	12.198	2655425	18.579 ug/ml
Spiked Amount 50.000		Recovery =	37.16%
12) S 1-chlorooctadecane (S...	13.613	2054231	17.907 ug/ml
Spiked Amount 50.000		Recovery =	35.81%
Target Compounds			
1) T n-Nonane (C9)	3.680	1968572	18.465 ug/ml
2) T n-Decane (C10)	4.906	2110016	19.273 ug/ml
3) T A~Naphthalene (C11.7)	6.601	2417762	19.897 ug/ml
4) T n-Dodecane (C12)	7.034	2223261	19.698 ug/ml
5) T A~2-methylnaphthalene...	7.680	2397599	20.083 ug/ml
6) T n-Tetradecane (C14)	8.839	2300458	19.779 ug/ml
7) T n-Hexadecane (C16)	10.433	2434858	19.306 ug/ml
8) T n-Octadecane (C18)	11.865	2485280	18.784 ug/ml
10) T n-Eicosane (C20)	13.167	2401317	18.317 ug/ml
11) T n-Heneicosane (C21)	13.776	2346858	18.030 ug/ml
13) T n-Docosane (C22)	14.358	2372407	18.077 ug/ml
14) T n-Tetracosane (C24)	15.456	2425886	18.263 ug/ml
15) T n-Hexacosane (C26)	16.472	2438536	18.448 ug/ml
16) T n-Octacosane (C28)	17.420	2495866	18.910 ug/ml
17) T n-Tricontane (C30)	18.304	2681632	19.669 ug/ml
18) T n-Dotriacontane (C32)	19.135	2611154	19.924 ug/ml
19) T n-Tetratriacontane (C34)	19.916	2182456	19.385 ug/ml
20) T n-Hexatriacontane (C36)	20.654	1837574	19.347 ug/ml
21) T n-Octatriacontane (C38)	21.438	1675788	19.400 ug/ml
22) T n-Tetracontane (C40)	22.438	1676921	20.348 ug/ml

(f)=RT Delta > 1/2 Window

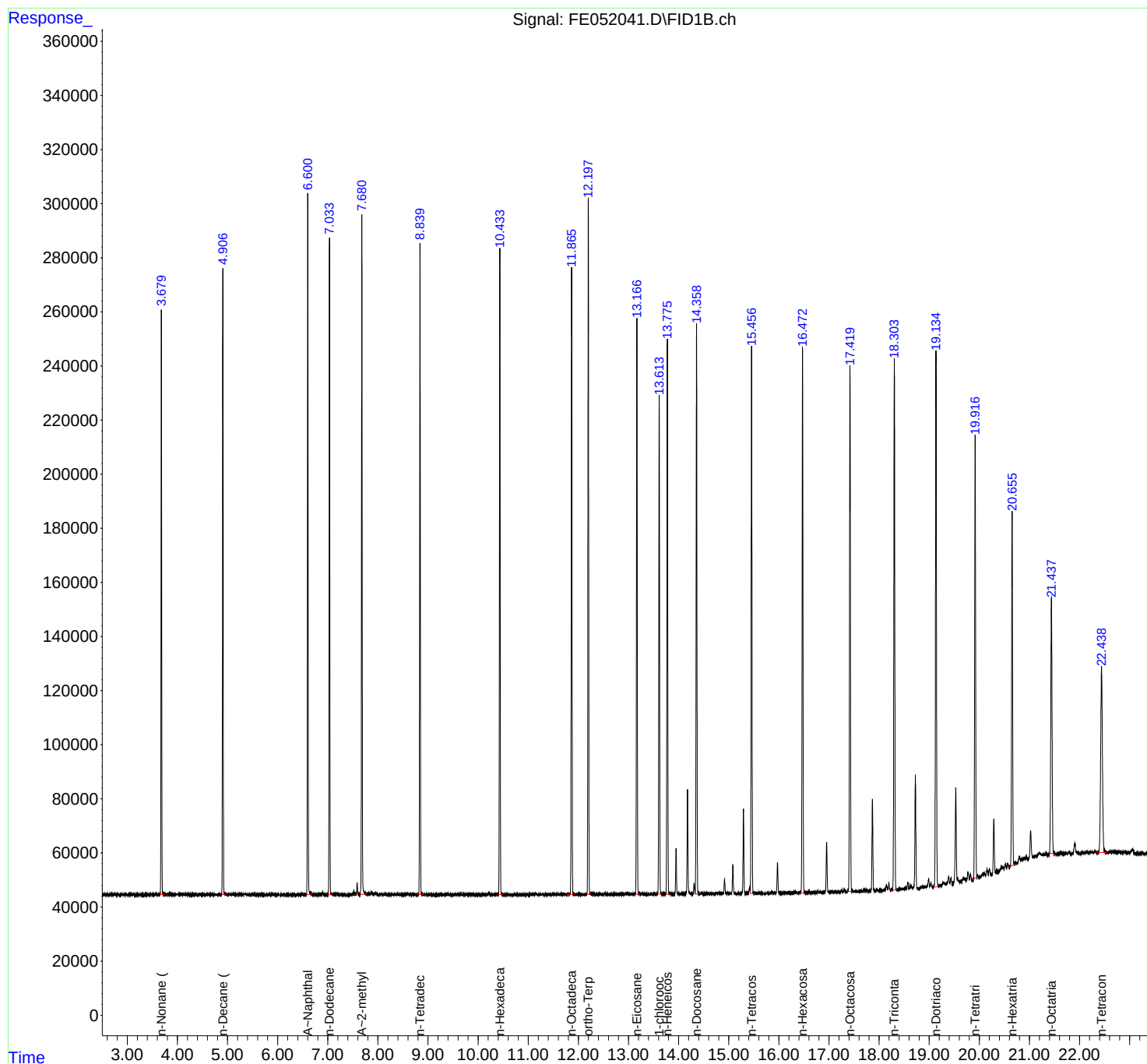
(m)=manual int.

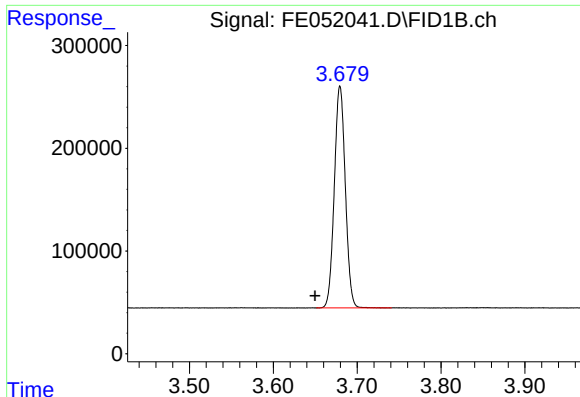
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE012425AL\
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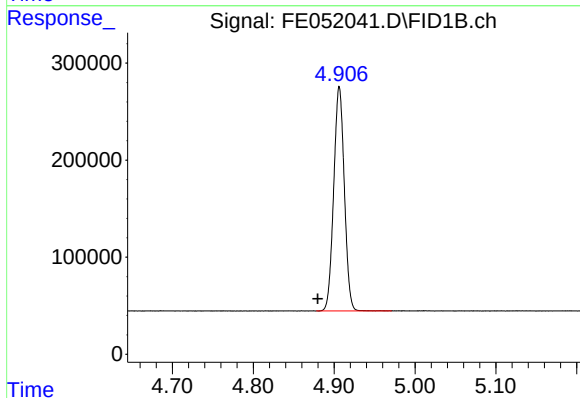




#1 n-Nonane (C9)

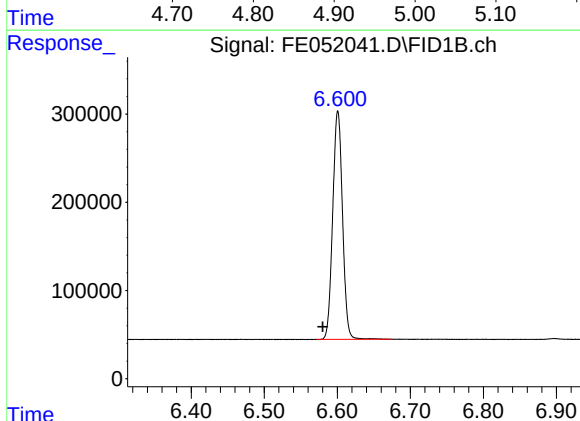
R.T.: 3.680 min
Delta R.T.: 0.030 min
Response: 1968572
Conc: 18.46 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



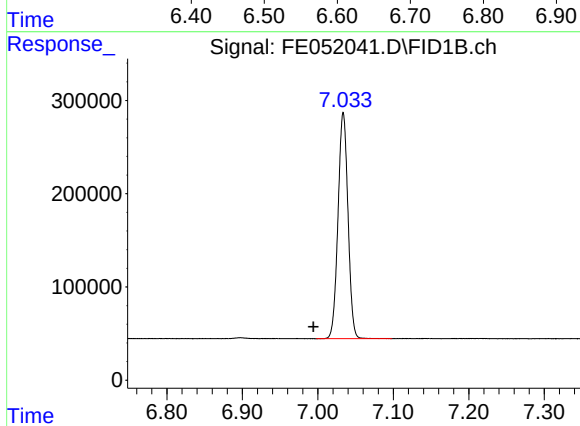
#2 n-Decane (C10)

R.T.: 4.906 min
Delta R.T.: 0.026 min
Response: 2110016
Conc: 19.27 ug/ml



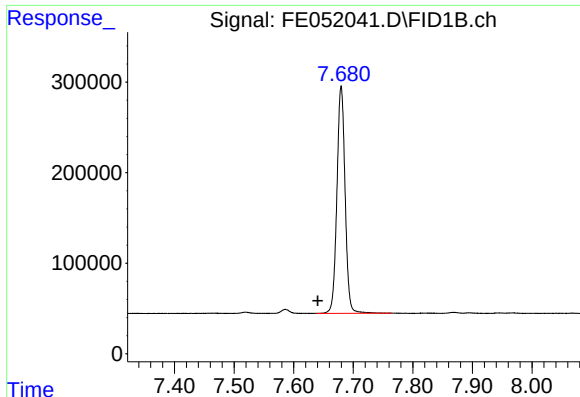
#3 A~Naphthalene (C11.7)

R.T.: 6.601 min
Delta R.T.: 0.021 min
Response: 2417762
Conc: 19.90 ug/ml



#4 n-Dodecane (C12)

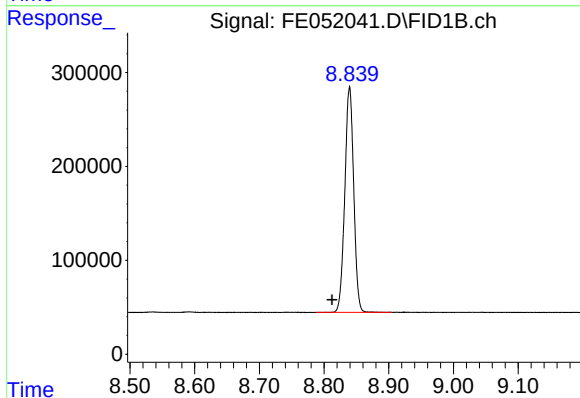
R.T.: 7.034 min
Delta R.T.: 0.040 min
Response: 2223261
Conc: 19.70 ug/ml



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

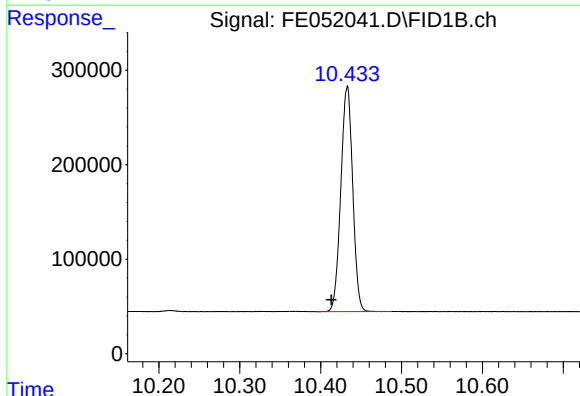
R.T.: 7.680 min
Delta R.T.: 0.039 min
Response: 2397599
Conc: 20.08 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



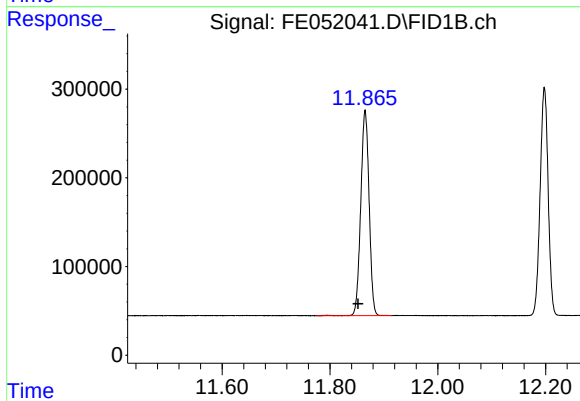
#6 n-Tetradecane (C14)

R.T.: 8.839 min
Delta R.T.: 0.027 min
Response: 2300458
Conc: 19.78 ug/ml



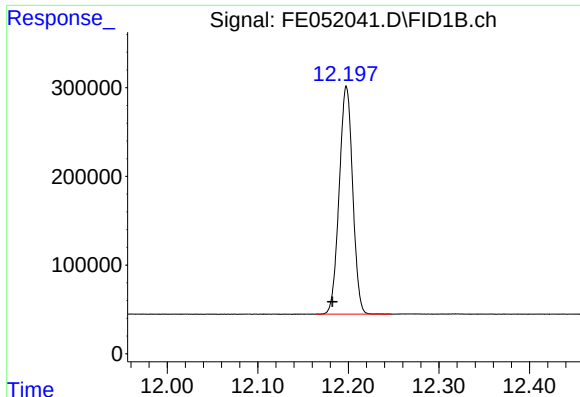
#7 n-Hexadecane (C16)

R.T.: 10.433 min
Delta R.T.: 0.019 min
Response: 2434858
Conc: 19.31 ug/ml



#8 n-Octadecane (C18)

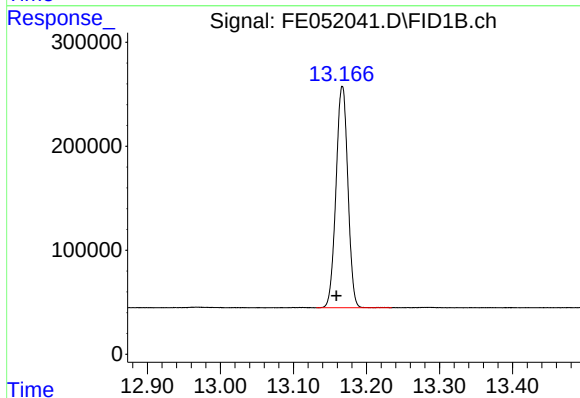
R.T.: 11.865 min
Delta R.T.: 0.013 min
Response: 2485280
Conc: 18.78 ug/ml



#9 ortho-Terphenyl (SURR)

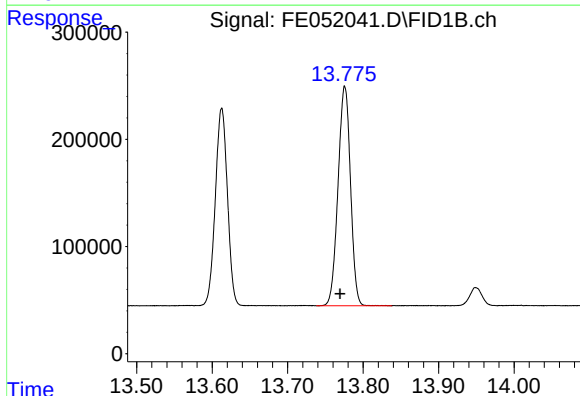
R.T.: 12.198 min
Delta R.T.: 0.016 min
Response: 2655425
Conc: 18.58 ug/ml

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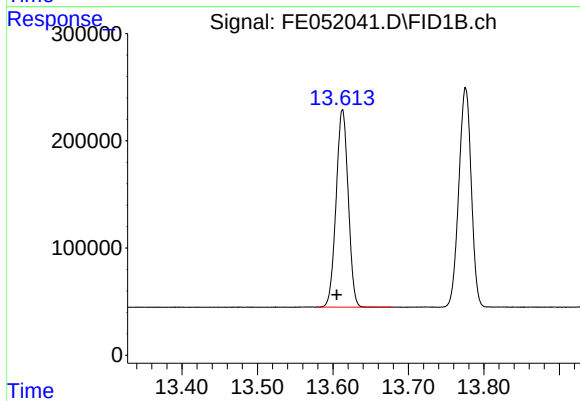
#10 n-Eicosane (C20)

R.T.: 13.167 min
Delta R.T.: 0.008 min
Response: 2401317
Conc: 18.32 ug/ml



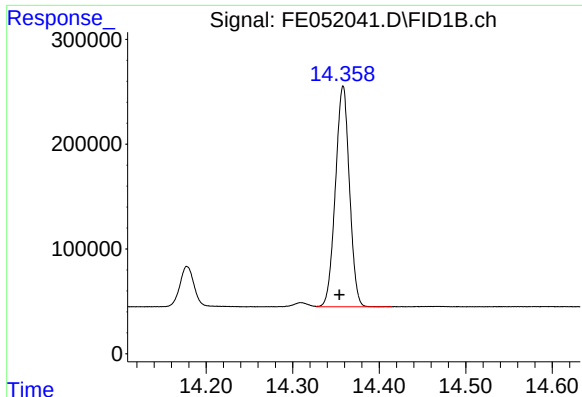
#11 n-Heneicosane (C21)

R.T.: 13.776 min
Delta R.T.: 0.006 min
Response: 2346858
Conc: 18.03 ug/ml



#12 1-chlorooctadecane (SURR)

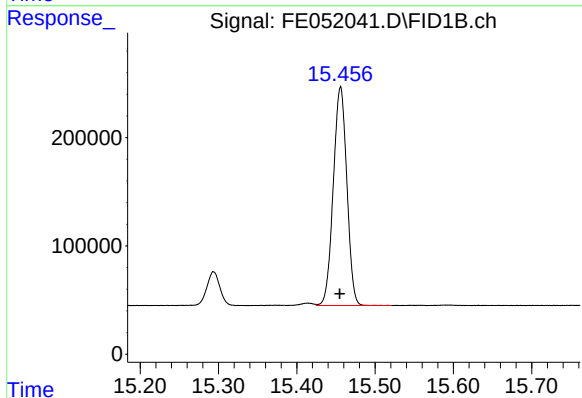
R.T.: 13.613 min
Delta R.T.: 0.008 min
Response: 2054231
Conc: 17.91 ug/ml



#13 n-Docosane (C22)

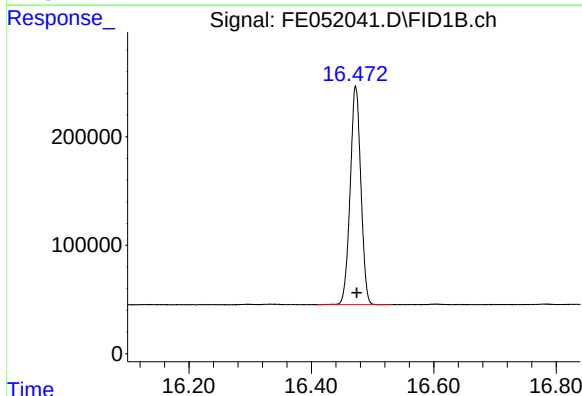
R.T.: 14.358 min
Delta R.T.: 0.004 min
Response: 2372407
Conc: 18.08 ug/ml

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20 PPM ALIPHATIC HC STD



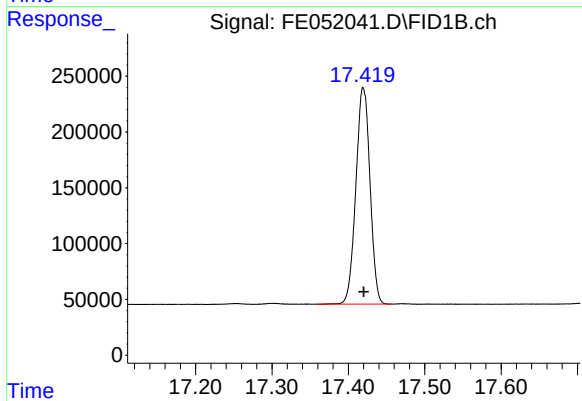
#14 n-Tetracosane (C24)

R.T.: 15.456 min
Delta R.T.: 0.000 min
Response: 2425886
Conc: 18.26 ug/ml



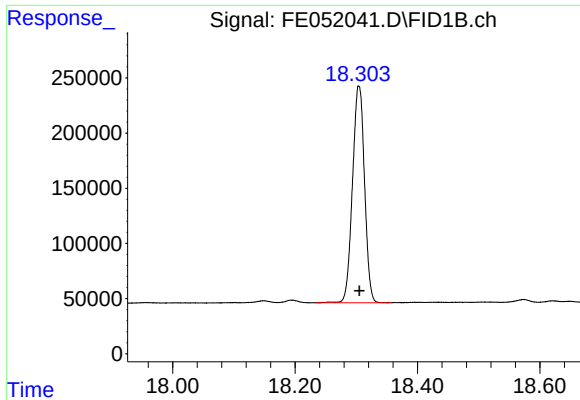
#15 n-Hexacosane (C26)

R.T.: 16.472 min
Delta R.T.: -0.001 min
Response: 2438536
Conc: 18.45 ug/ml



#16 n-Octacosane (C28)

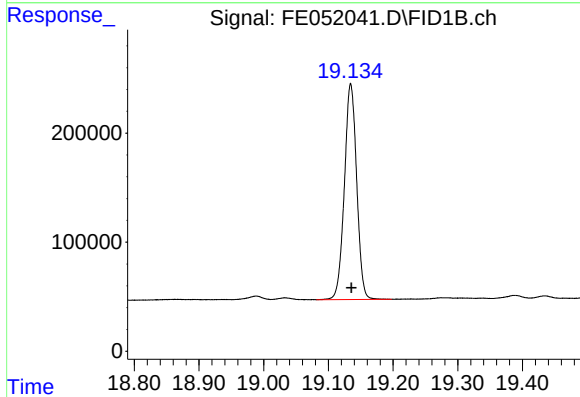
R.T.: 17.420 min
Delta R.T.: 0.000 min
Response: 2495866
Conc: 18.91 ug/ml



#17 n-Tricontane (C30)

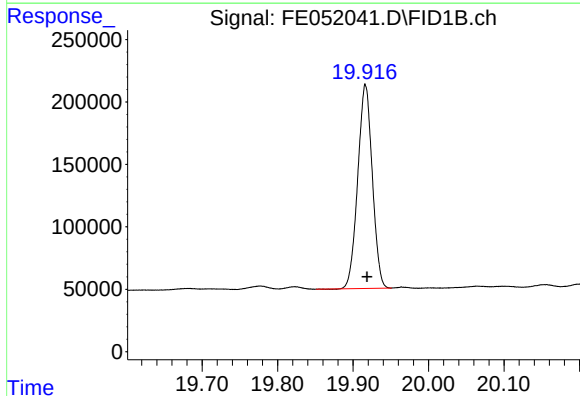
R.T.: 18.304 min
Delta R.T.: 0.000 min
Response: 2681632
Conc: 19.67 ug/ml

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20 PPM ALIPHATIC HC STD



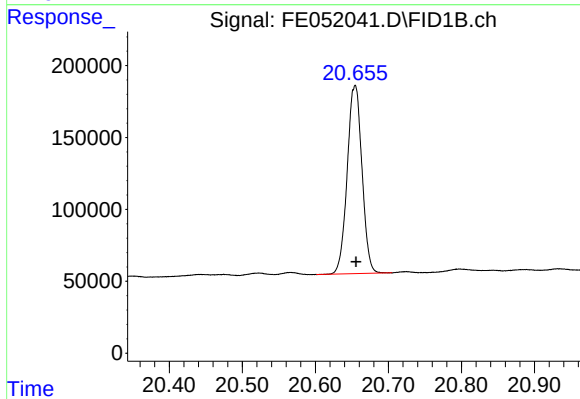
#18 n-Dotriacontane (C32)

R.T.: 19.135 min
Delta R.T.: -0.001 min
Response: 2611154
Conc: 19.92 ug/ml



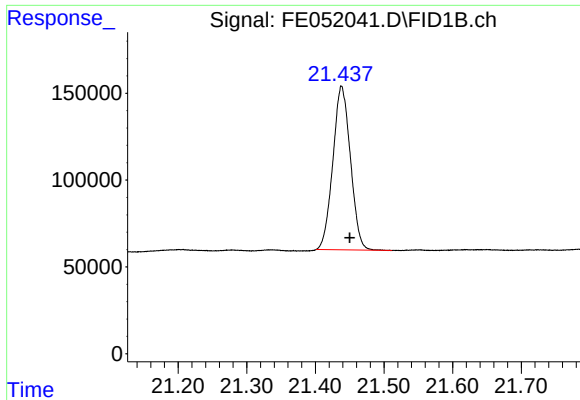
#19 n-Tetratriacontane (C34)

R.T.: 19.916 min
Delta R.T.: -0.002 min
Response: 2182456
Conc: 19.39 ug/ml



#20 n-Hexatriacontane (C36)

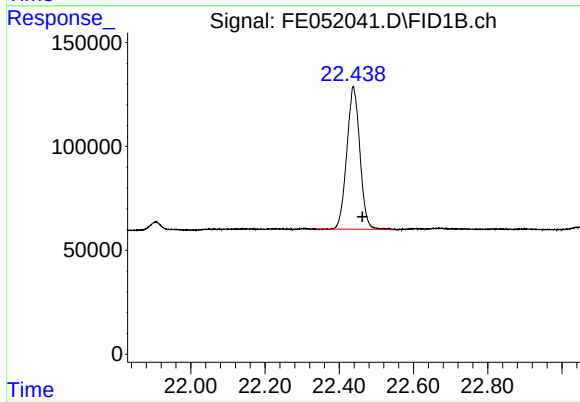
R.T.: 20.654 min
Delta R.T.: -0.002 min
Response: 1837574
Conc: 19.35 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.438 min
Delta R.T.: -0.012 min
Response: 1675788
Conc: 19.40 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.438 min
Delta R.T.: -0.024 min
Response: 1676921
Conc: 20.35 ug/ml