

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080825AL\
 Data File : FE055198.D
 Signal(s) : FID1B.ch
 Acq On : 08 Aug 2025 06:26
 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: Aug 08 11:16:34 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 080125.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 01 13:47:09 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)	12.090	2798795	19.599 ug/ml
Spiked Amount 50.000		Recovery =	39.20%
12) S 1-chlorooctadecane (S...	13.526	2126841	19.780 ug/ml
Spiked Amount 50.000		Recovery =	39.56%
Target Compounds			
1) T n-Nonane (C9)	3.425	2212205	19.275 ug/ml
2) T n-Decane (C10)	4.684	2308832	19.819 ug/ml
3) T A~Naphthalene (C11.7)	6.405	2655952	19.787 ug/ml
4) T n-Dodecane (C12)	6.860	2377849	19.968 ug/ml
5) T A~2-methylnaphthalene...	7.507	2594884	19.902 ug/ml
6) T n-Tetradecane (C14)	8.698	2436725	19.874 ug/ml
7) T n-Hexadecane (C16)	10.313	2549365	19.941 ug/ml
8) T n-Octadecane (C18)	11.763	2586929	19.827 ug/ml
10) T n-Eicosane (C20)	13.078	2492764	19.867 ug/ml
11) T n-Heneicosane (C21)	13.692	2421771	19.646 ug/ml
13) T n-Docosane (C22)	14.281	2465999	20.193 ug/ml
14) T n-Tetracosane (C24)	15.388	2565404	21.091 ug/ml
15) T n-Hexacosane (C26)	16.411	2610422	21.818 ug/ml
16) T n-Octacosane (C28)	17.364	2641583	22.269 ug/ml
17) T n-Tricontane (C30)	18.254	2855119	23.203 ug/ml
18) T n-Dotriacontane (C32)	19.089	2863621	23.470 ug/ml
19) T n-Tetratriacontane (C34)	19.873	2626069	22.461 ug/ml
20) T n-Hexatriacontane (C36)	20.616	2440217	22.326 ug/ml
21) T n-Octatriacontane (C38)	21.396	2292775	21.215 ug/ml
22) T n-Tetracontane (C40)	22.392	2067837	19.774 ug/ml

(f)=RT Delta > 1/2 Window

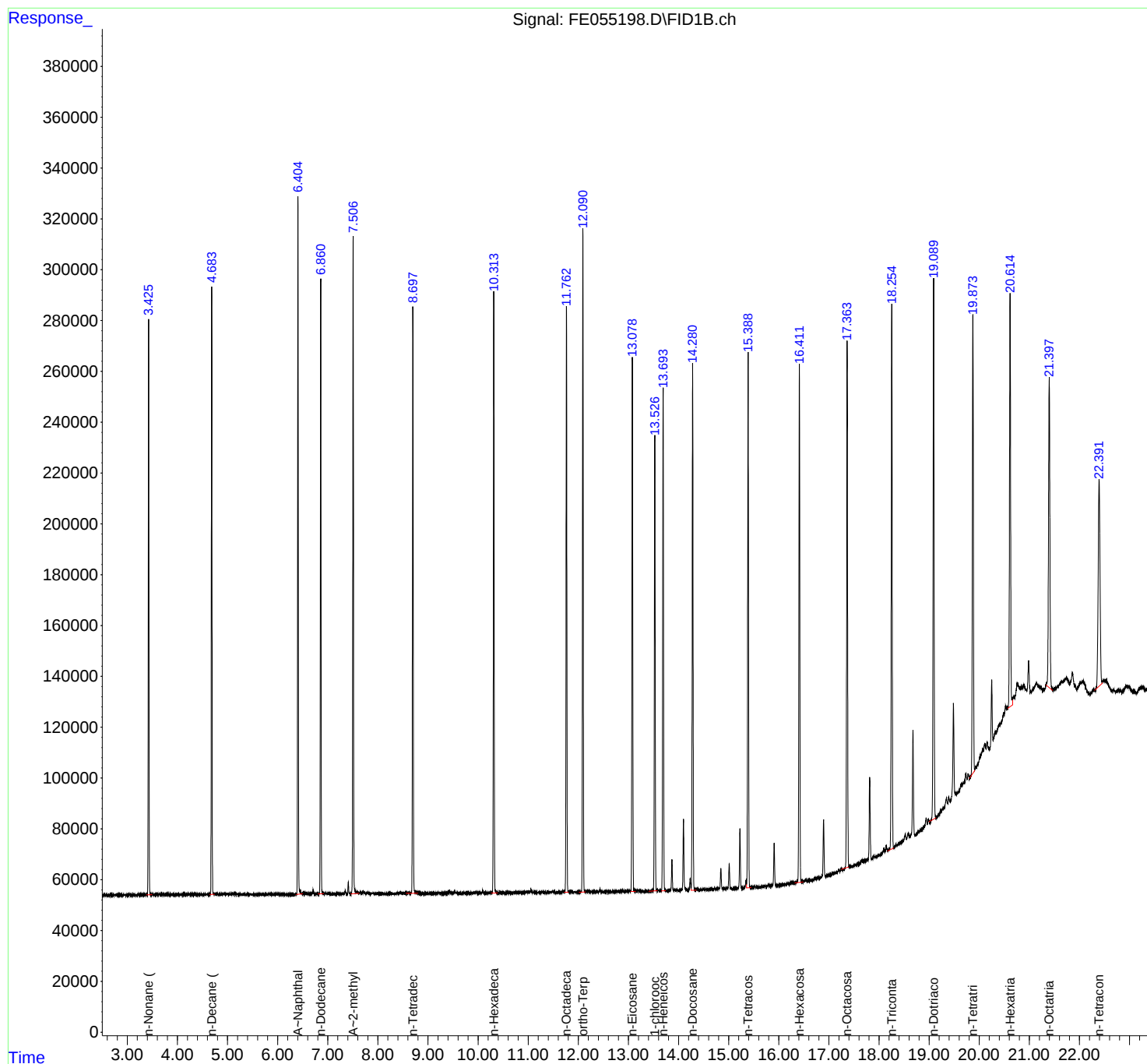
(m)=manual int.

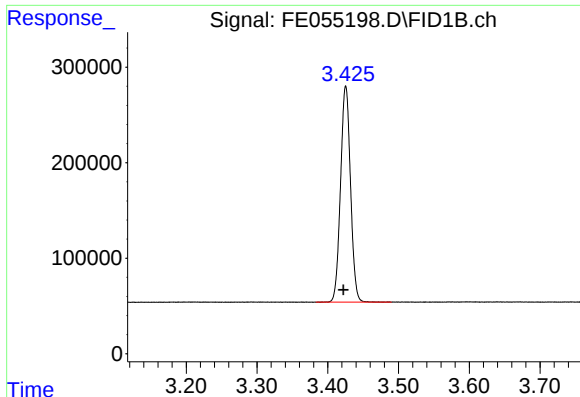
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080825AL\
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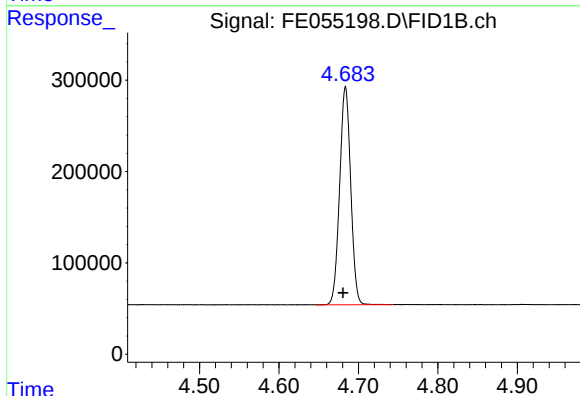




#1 n-Nonane (C9)

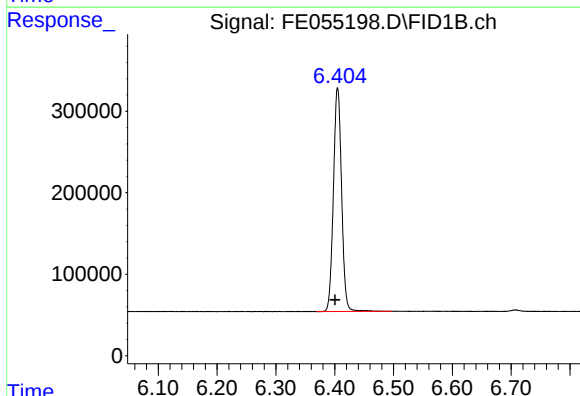
R.T.: 3.425 min
Delta R.T.: 0.003 min
Response: 2212205
Conc: 19.28 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



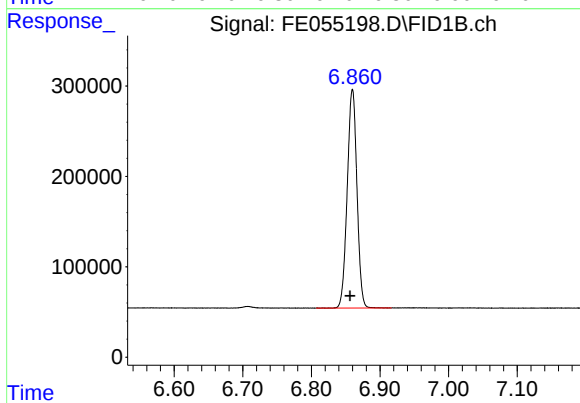
#2 n-Decane (C10)

R.T.: 4.684 min
Delta R.T.: 0.003 min
Response: 2308832
Conc: 19.82 ug/ml



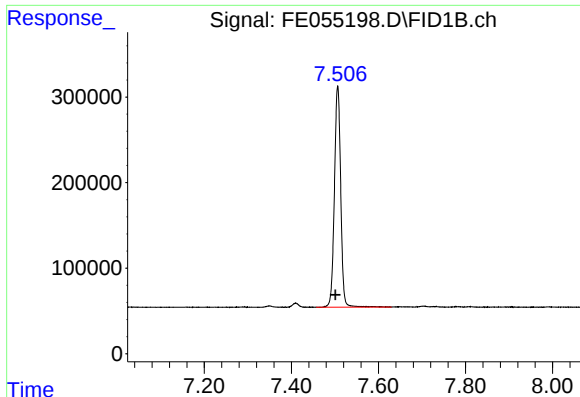
#3 A~Naphthalene (C11.7)

R.T.: 6.405 min
Delta R.T.: 0.004 min
Response: 2655952
Conc: 19.79 ug/ml



#4 n-Dodecane (C12)

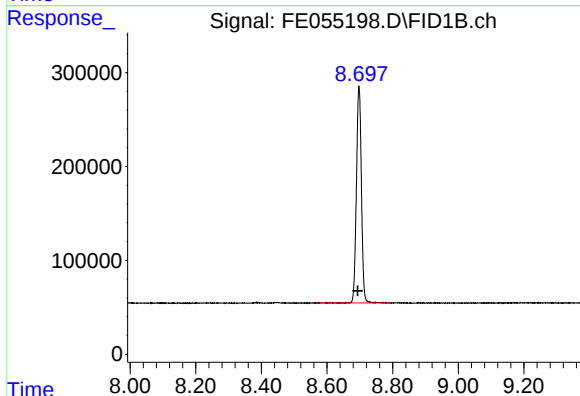
R.T.: 6.860 min
Delta R.T.: 0.003 min
Response: 2377849
Conc: 19.97 ug/ml



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

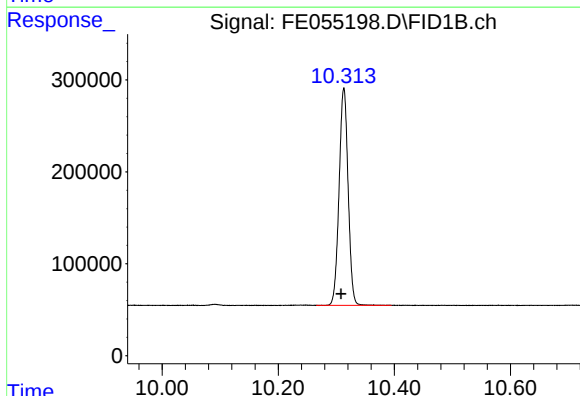
R.T.: 7.507 min
Delta R.T.: 0.005 min
Response: 2594884
Conc: 19.90 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



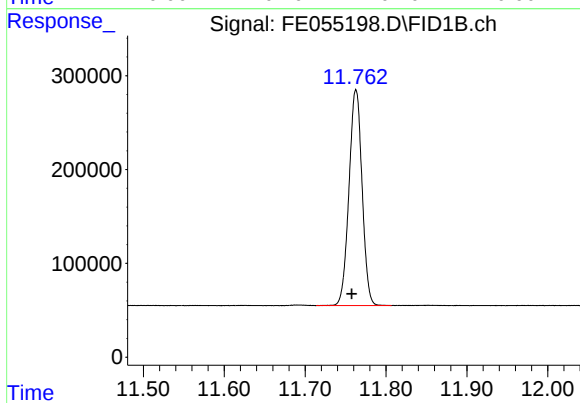
#6 n-Tetradecane (C14)

R.T.: 8.698 min
Delta R.T.: 0.004 min
Response: 2436725
Conc: 19.87 ug/ml



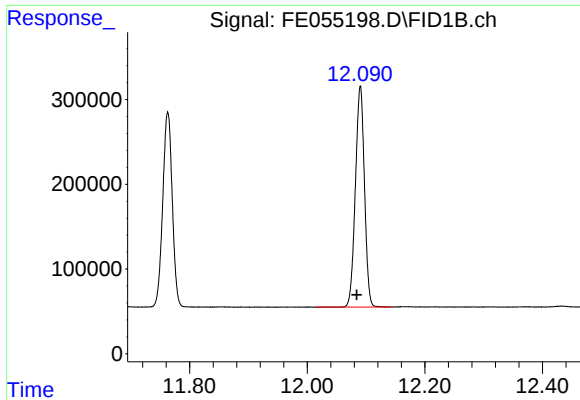
#7 n-Hexadecane (C16)

R.T.: 10.313 min
Delta R.T.: 0.005 min
Response: 2549365
Conc: 19.94 ug/ml



#8 n-Octadecane (C18)

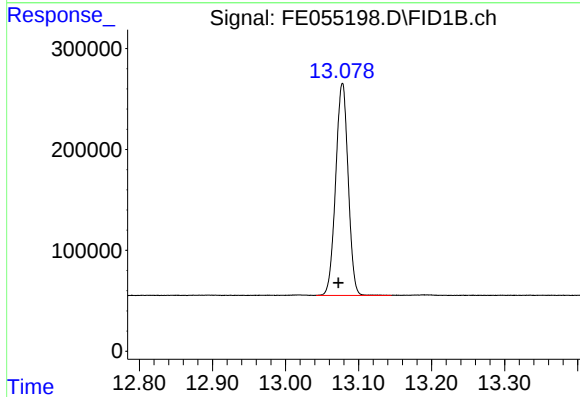
R.T.: 11.763 min
Delta R.T.: 0.005 min
Response: 2586929
Conc: 19.83 ug/ml



#9 ortho-Terphenyl (SURR)

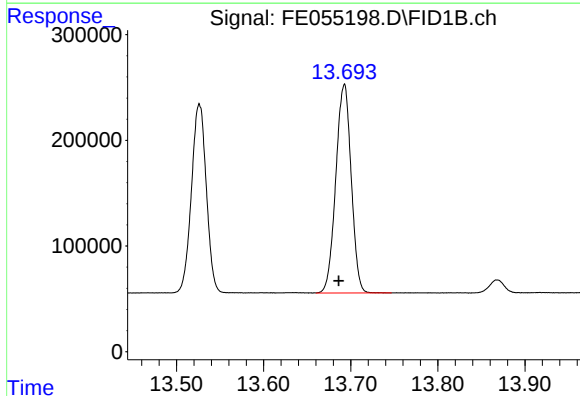
R.T.: 12.090 min
Delta R.T.: 0.006 min
Response: 2798795
Conc: 19.60 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



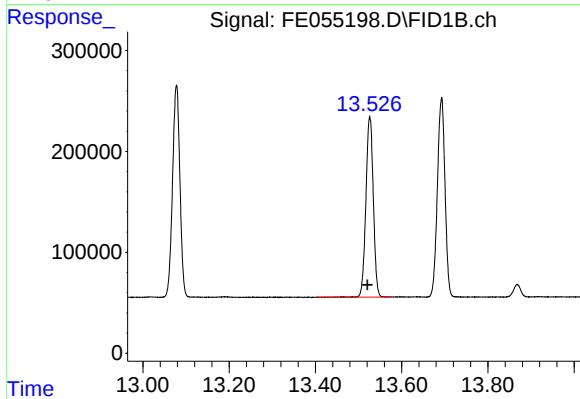
#10 n-Eicosane (C20)

R.T.: 13.078 min
Delta R.T.: 0.005 min
Response: 2492764
Conc: 19.87 ug/ml



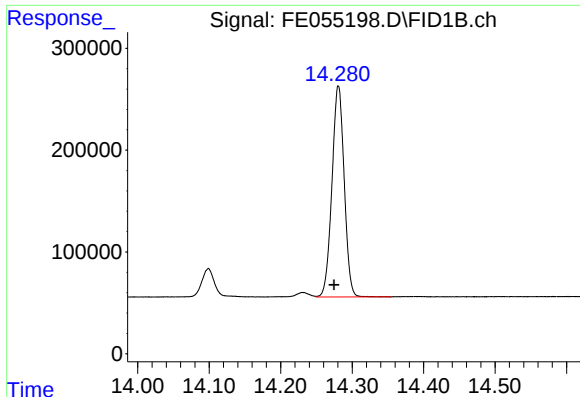
#11 n-Heneicosane (C21)

R.T.: 13.692 min
Delta R.T.: 0.006 min
Response: 2421771
Conc: 19.65 ug/ml



#12 1-chlorooctadecane (SURR)

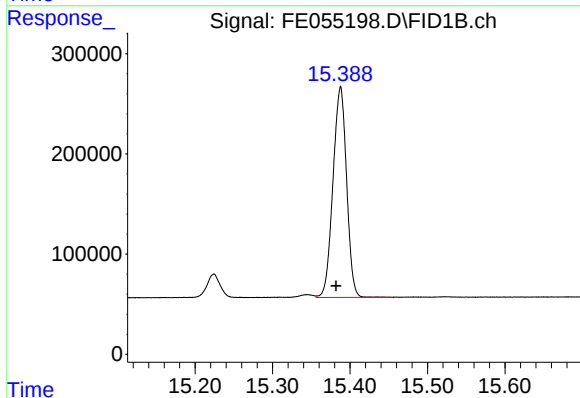
R.T.: 13.526 min
Delta R.T.: 0.006 min
Response: 2126841
Conc: 19.78 ug/ml



#13 n-Docosane (C22)

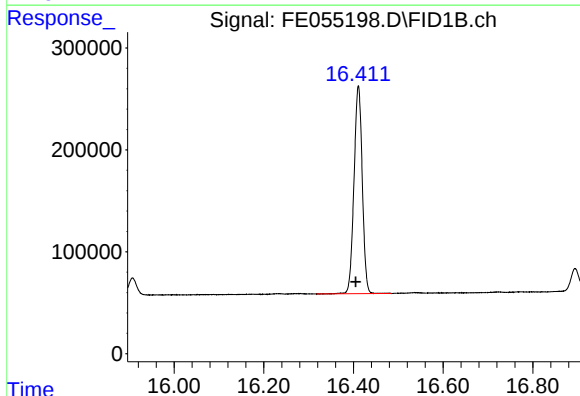
R.T.: 14.281 min
Delta R.T.: 0.006 min
Response: 2465999
Conc: 20.19 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



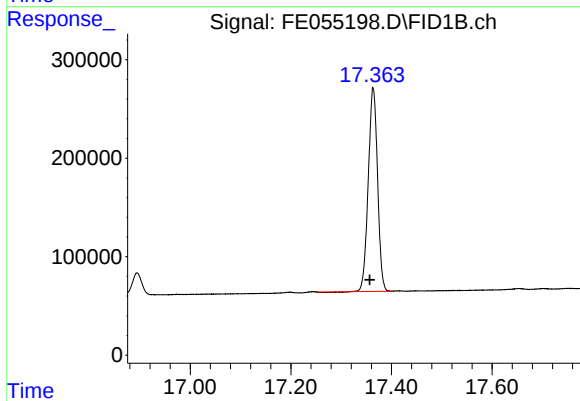
#14 n-Tetracosane (C24)

R.T.: 15.388 min
Delta R.T.: 0.006 min
Response: 2565404
Conc: 21.09 ug/ml



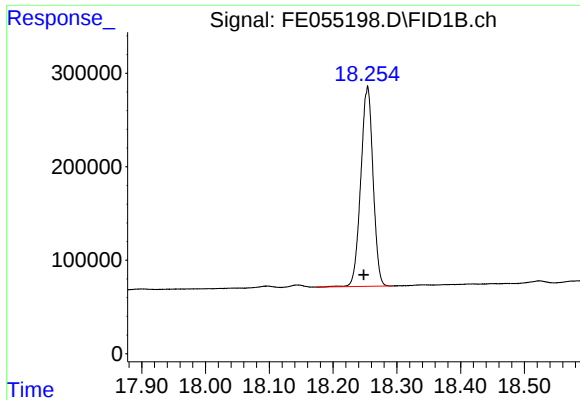
#15 n-Hexacosane (C26)

R.T.: 16.411 min
Delta R.T.: 0.006 min
Response: 2610422
Conc: 21.82 ug/ml



#16 n-Octacosane (C28)

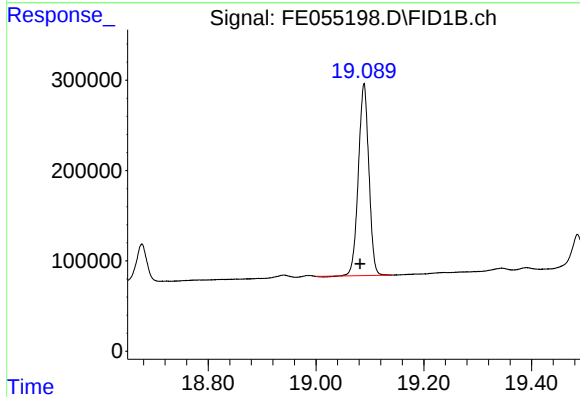
R.T.: 17.364 min
Delta R.T.: 0.007 min
Response: 2641583
Conc: 22.27 ug/ml



#17 n-Tricontane (C30)

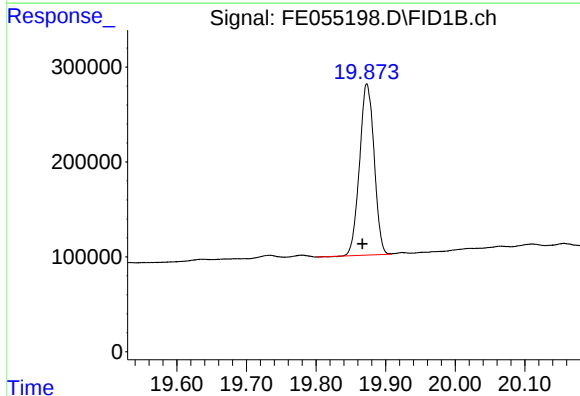
R.T.: 18.254 min
Delta R.T.: 0.006 min
Response: 2855119
Conc: 23.20 ug/ml

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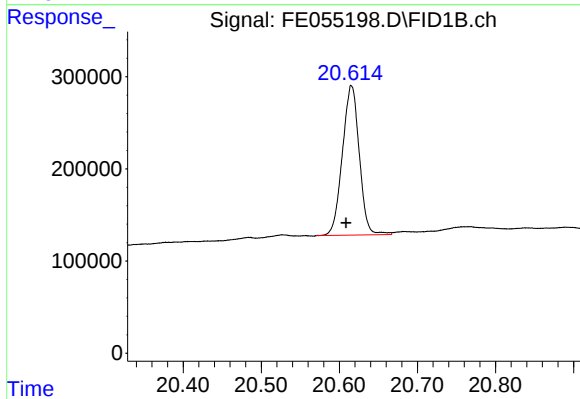
#18 n-Dotriacontane (C32)

R.T.: 19.089 min
Delta R.T.: 0.007 min
Response: 2863621
Conc: 23.47 ug/ml



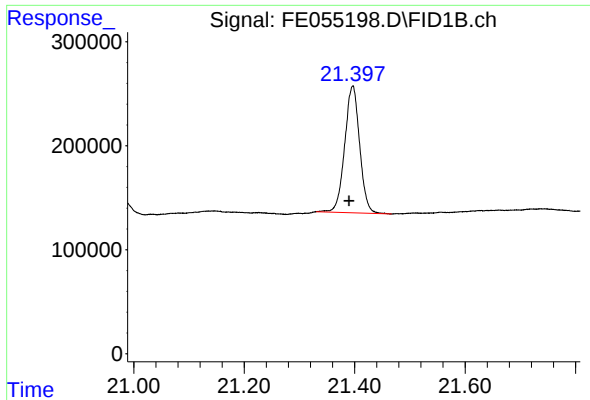
#19 n-Tetratriacontane (C34)

R.T.: 19.873 min
Delta R.T.: 0.006 min
Response: 2626069
Conc: 22.46 ug/ml



#20 n-Hexatriacontane (C36)

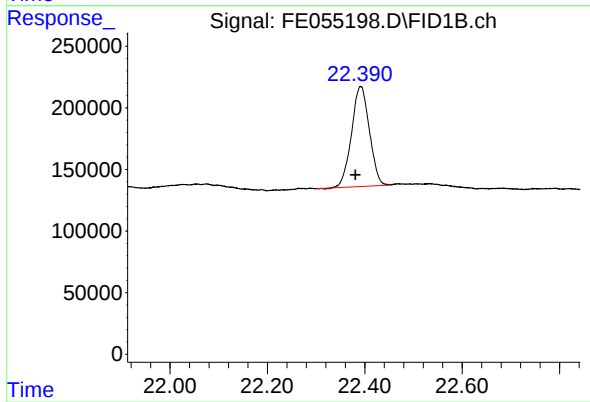
R.T.: 20.616 min
Delta R.T.: 0.007 min
Response: 2440217
Conc: 22.33 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.396 min
Delta R.T.: 0.007 min
Response: 2292775
Conc: 21.22 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.392 min
Delta R.T.: 0.011 min
Response: 2067837
Conc: 19.77 ug/ml