

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061125AL\
 Data File : FE054273.D
 Signal(s) : FID1B.ch
 Acq On : 10 Jun 2025 07:40
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Jun 10 12:22:13 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	3255650	19.703 ug/ml
Spiked Amount 50.000		Recovery =	39.41%
12) S 1-chlorooctadecane (S...	13.278	2392690	19.620 ug/ml
Spiked Amount 50.000		Recovery =	39.24%
Target Compounds			
1) T n-Nonane (C9)	3.180	2452825	19.752 ug/ml
2) T n-Decane (C10)	4.443	2473911	19.910 ug/ml
3) T A~Naphthalene (C11.7)	6.158	2662514	19.702 ug/ml
4) T n-Dodecane (C12)	6.625	2534681	19.906 ug/ml
5) T A~2-methylnaphthalene...	7.261	2635253	19.896 ug/ml
6) T n-Tetradecane (C14)	8.460	2566610	19.825 ug/ml
7) T n-Hexadecane (C16)	10.072	2629498	19.795 ug/ml
8) T n-Octadecane (C18)	11.520	2667565	19.755 ug/ml
10) T n-Eicosane (C20)	12.833	2636544	19.709 ug/ml
11) T n-Heneicosane (C21)	13.446	2615604	19.671 ug/ml
13) T n-Docosane (C22)	14.033	2589381	19.748 ug/ml
14) T n-Tetracosane (C24)	15.139	2552894	19.791 ug/ml
15) T n-Hexacosane (C26)	16.162	2490188	19.838 ug/ml
16) T n-Octacosane (C28)	17.114	2431873	19.831 ug/ml
17) T n-Tricontane (C30)	18.003	2466314	19.899 ug/ml
18) T n-Dotriacontane (C32)	18.837	2500573	19.902 ug/ml
19) T n-Tetratriacontane (C34)	19.622	2481731	19.949 ug/ml
20) T n-Hexatriacontane (C36)	20.364	2575915	20.010 ug/ml
21) T n-Octatriacontane (C38)	21.092	2593609	19.642 ug/ml
22) T n-Tetracontane (C40)	21.984	2636398	19.571 ug/ml

(f)=RT Delta > 1/2 Window

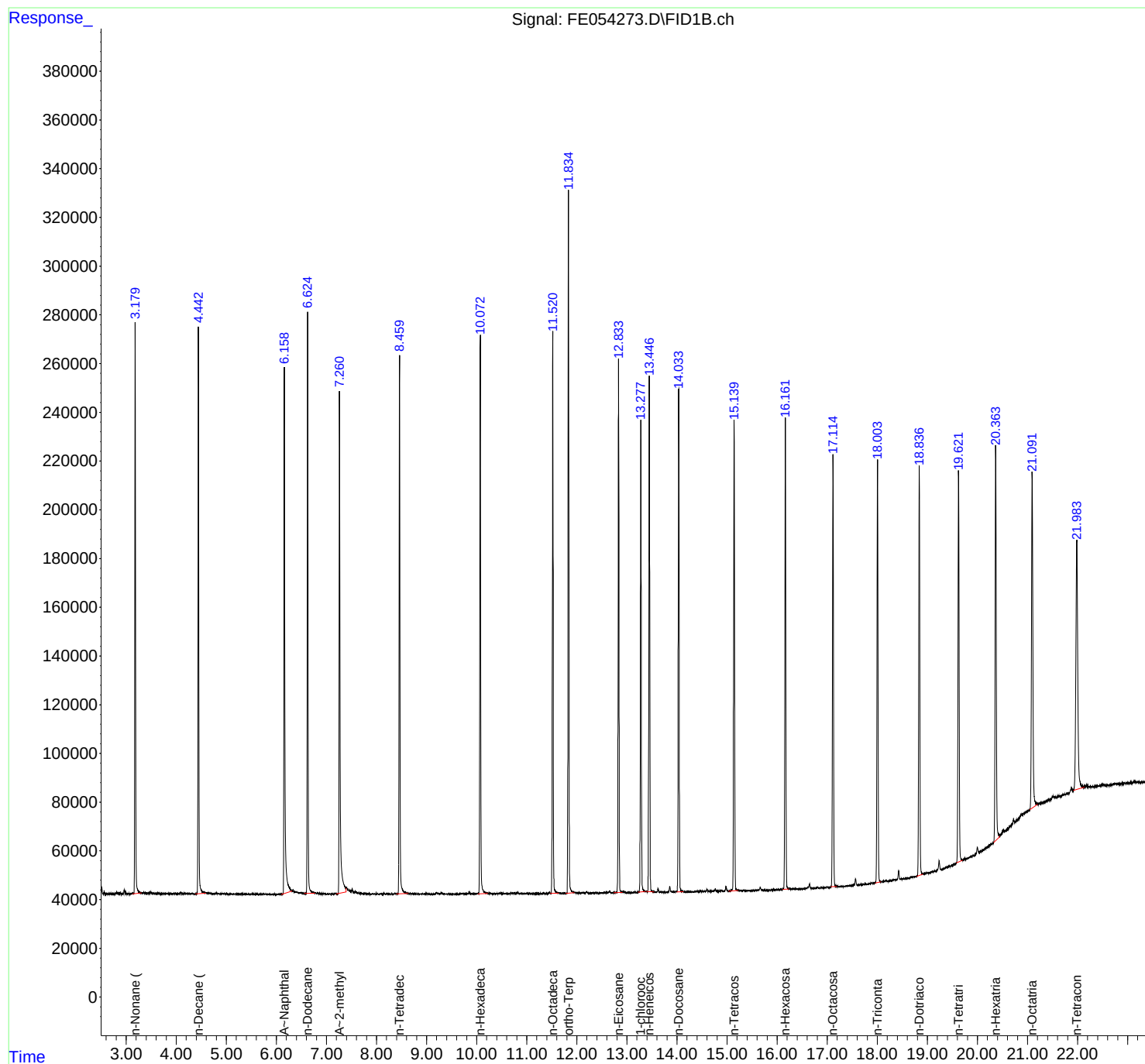
(m)=manual int.

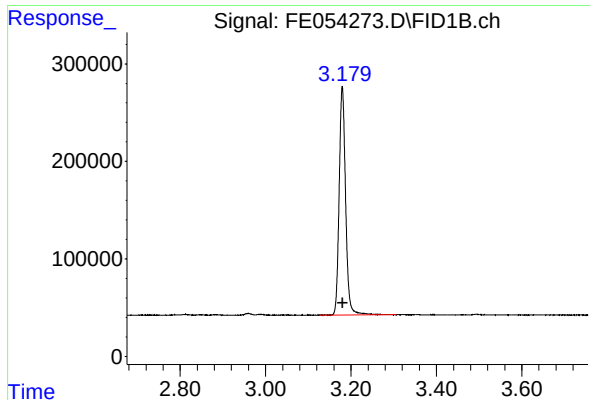
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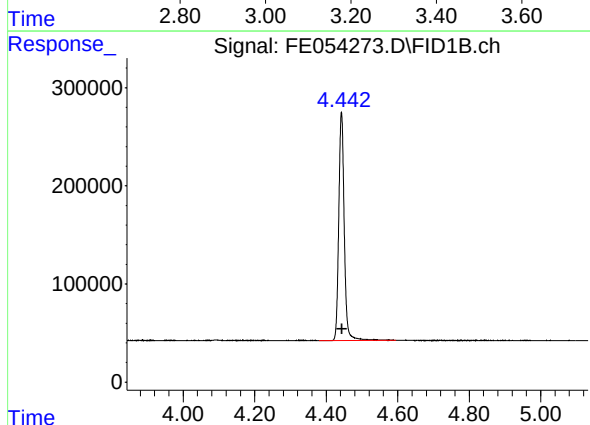




#1 n-Nonane (C9)

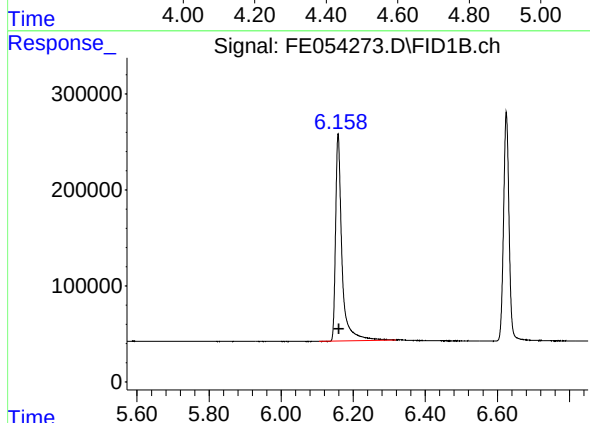
R.T.: 3.180 min
Delta R.T.: -0.001 min
Response: 2452825
Conc: 19.75 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



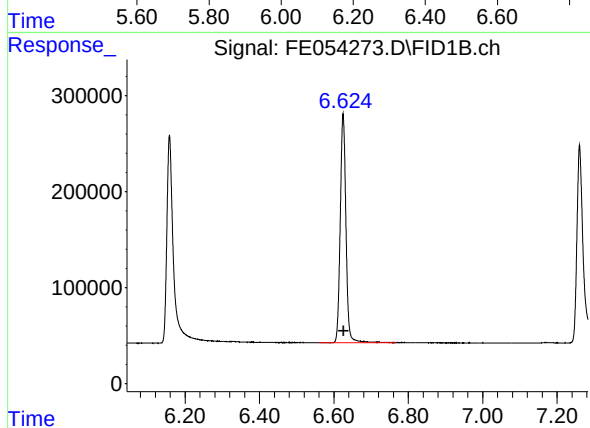
#2 n-Decane (C10)

R.T.: 4.443 min
Delta R.T.: -0.001 min
Response: 2473911
Conc: 19.91 ug/ml



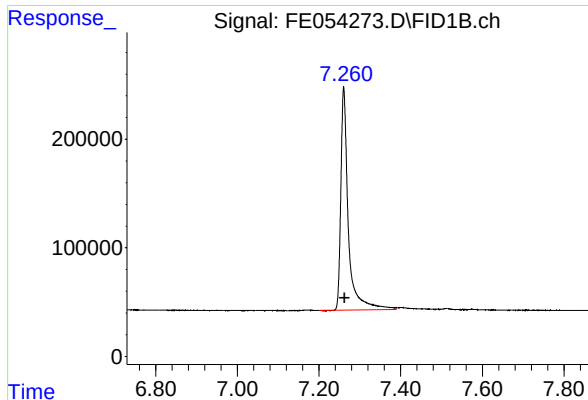
#3 A~Naphthalene (C11.7)

R.T.: 6.158 min
Delta R.T.: -0.002 min
Response: 2662514
Conc: 19.70 ug/ml



#4 n-Dodecane (C12)

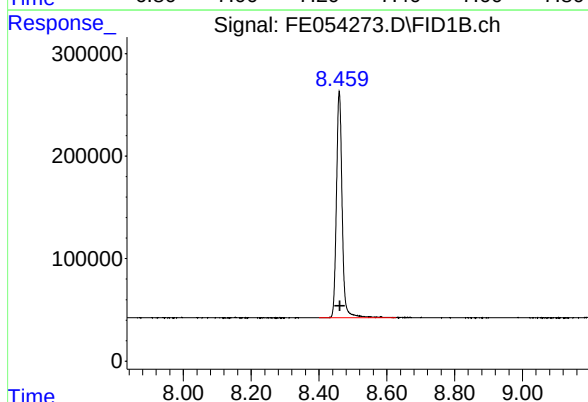
R.T.: 6.625 min
Delta R.T.: -0.002 min
Response: 2534681
Conc: 19.91 ug/ml



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

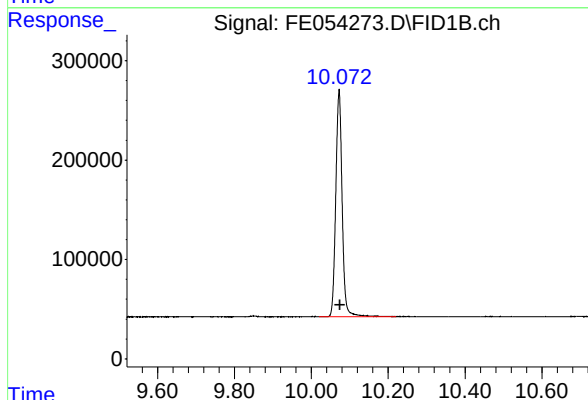
R.T.: 7.261 min
Delta R.T.: -0.002 min
Response: 2635253
Conc: 19.90 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



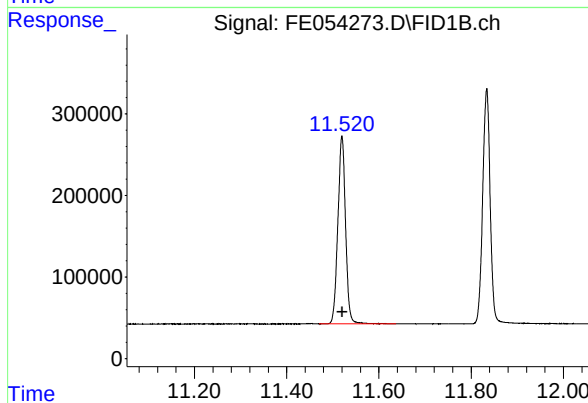
#6 n-Tetradecane (C14)

R.T.: 8.460 min
Delta R.T.: -0.002 min
Response: 2566610
Conc: 19.82 ug/ml



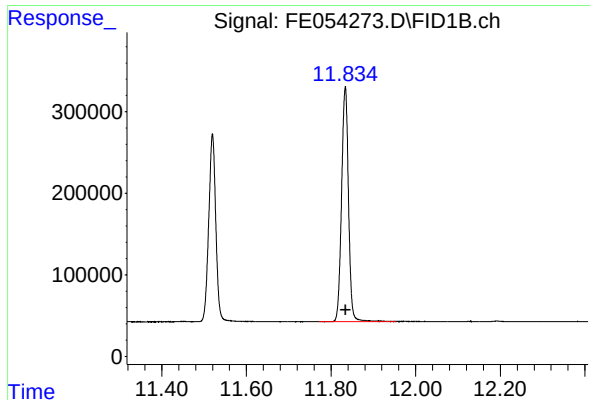
#7 n-Hexadecane (C16)

R.T.: 10.072 min
Delta R.T.: -0.002 min
Response: 2629498
Conc: 19.79 ug/ml



#8 n-Octadecane (C18)

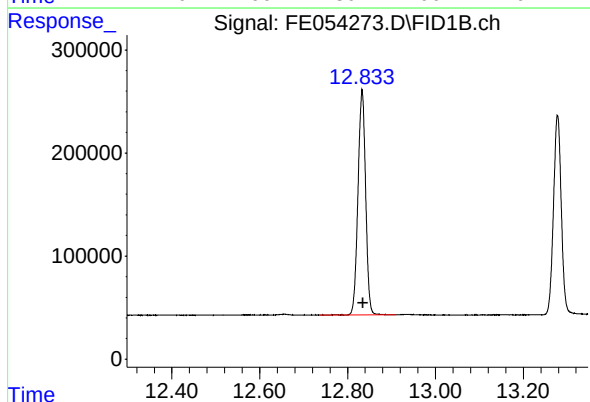
R.T.: 11.520 min
Delta R.T.: -0.001 min
Response: 2667565
Conc: 19.75 ug/ml



#9 ortho-Terphenyl (SURR)

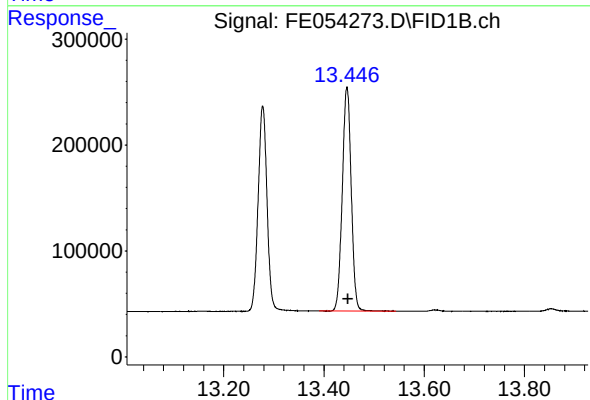
R.T.: 11.834 min
Delta R.T.: -0.001 min
Response: 3255650
Conc: 19.70 ug/ml

Instrument :
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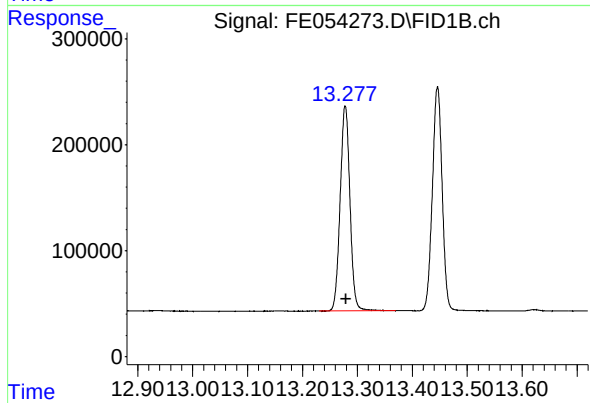
#10 n-Eicosane (C20)

R.T.: 12.833 min
Delta R.T.: -0.002 min
Response: 2636544
Conc: 19.71 ug/ml



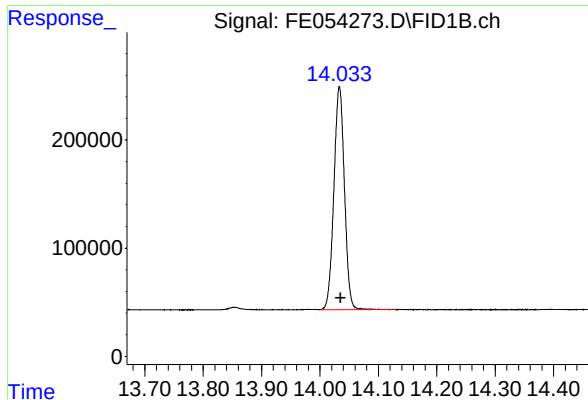
#11 n-Heneicosane (C21)

R.T.: 13.446 min
Delta R.T.: -0.002 min
Response: 2615604
Conc: 19.67 ug/ml



#12 1-chlorooctadecane (SURR)

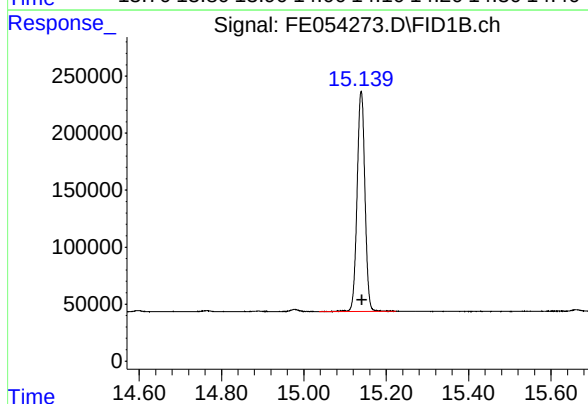
R.T.: 13.278 min
Delta R.T.: -0.002 min
Response: 2392690
Conc: 19.62 ug/ml



#13 n-Docosane (C22)

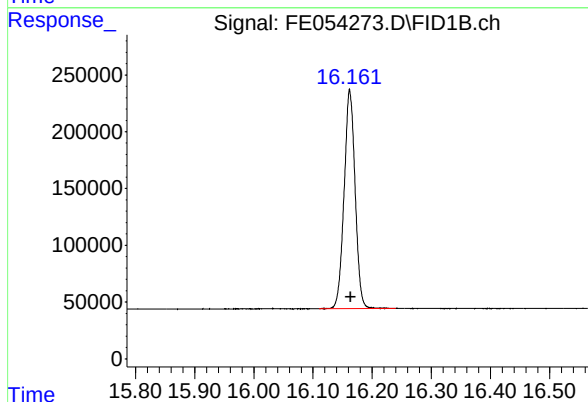
R.T.: 14.033 min
Delta R.T.: -0.002 min
Response: 2589381
Conc: 19.75 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



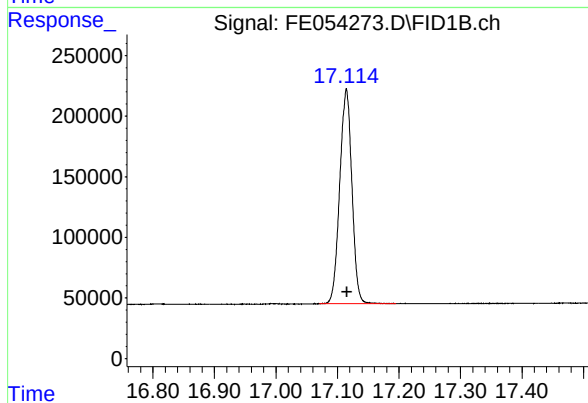
#14 n-Tetracosane (C24)

R.T.: 15.139 min
Delta R.T.: -0.002 min
Response: 2552894
Conc: 19.79 ug/ml



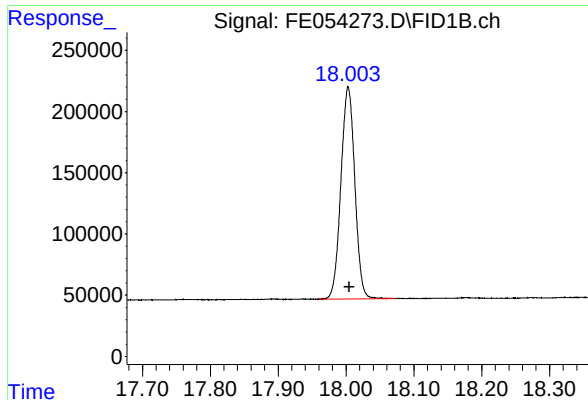
#15 n-Hexacosane (C26)

R.T.: 16.162 min
Delta R.T.: -0.002 min
Response: 2490188
Conc: 19.84 ug/ml



#16 n-Octacosane (C28)

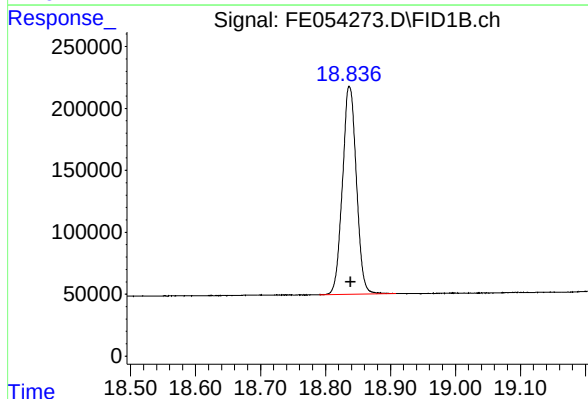
R.T.: 17.114 min
Delta R.T.: 0.000 min
Response: 2431873
Conc: 19.83 ug/ml



#17 n-Tricontane (C30)

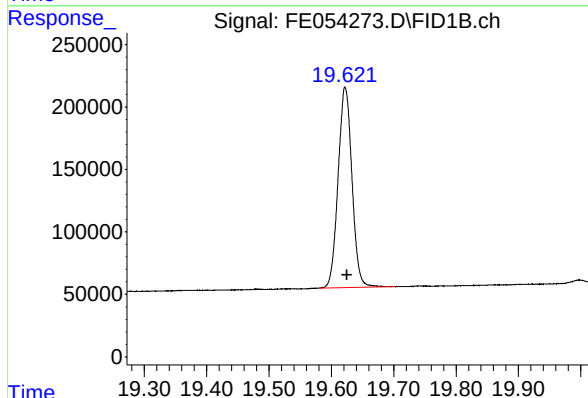
R.T.: 18.003 min
Delta R.T.: -0.002 min
Response: 2466314
Conc: 19.90 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



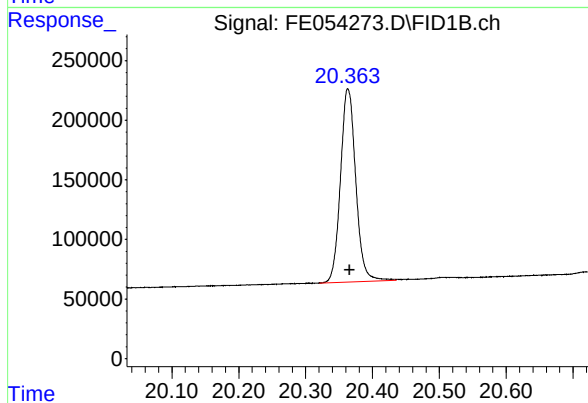
#18 n-Dotriacontane (C32)

R.T.: 18.837 min
Delta R.T.: -0.002 min
Response: 2500573
Conc: 19.90 ug/ml



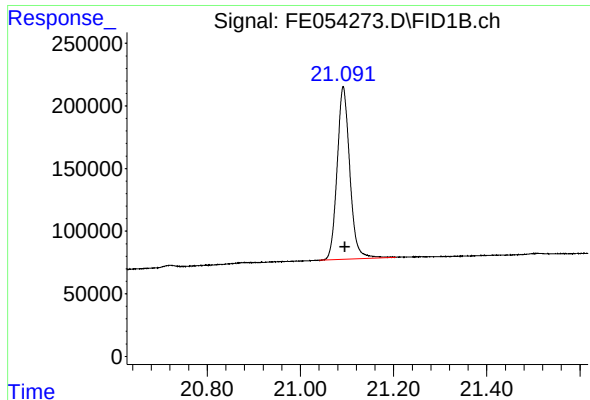
#19 n-Tetatriacontane (C34)

R.T.: 19.622 min
Delta R.T.: -0.003 min
Response: 2481731
Conc: 19.95 ug/ml



#20 n-Hexatriacontane (C36)

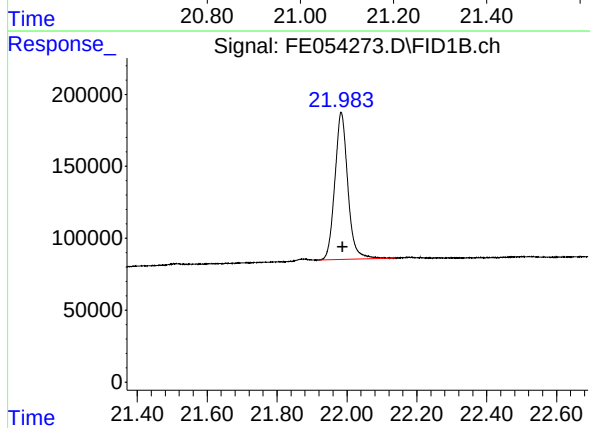
R.T.: 20.364 min
Delta R.T.: -0.003 min
Response: 2575915
Conc: 20.01 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.092 min
Delta R.T.: -0.004 min
Response: 2593609
Conc: 19.64 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.984 min
Delta R.T.: -0.005 min
Response: 2636398
Conc: 19.57 ug/ml