

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE101725AL\
 Data File : FE056355.D
 Signal(s) : FID1B.ch
 Acq On : 16 Oct 2025 19:31
 Operator : YP\AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 5 PPM ALIPHATIC HC STD5

Integration File: autoint1.e
 Quant Time: Oct 17 08:24:14 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 101725.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 17 08:21:56 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)	12.050	1074413	5.615 ug/ml
Spiked Amount 50.000		Recovery =	11.23%
12) S 1-chlorooctadecane (S...	13.489	780302	5.443 ug/ml
Spiked Amount 50.000		Recovery =	10.89%
Target Compounds			
1) T n-Nonane (C9)	3.400	845403	5.501 ug/ml
2) T n-Decane (C10)	4.652	837010	5.393 ug/ml
3) T A~Naphthalene (C11.7)	6.371	865601	5.149 ug/ml
4) T n-Dodecane (C12)	6.825	852915	5.410 ug/ml
5) T A~2-methylnaphthalene...	7.471	757610	4.737 ug/ml
6) T n-Tetradecane (C14)	8.662	828658	5.304 ug/ml
7) T n-Hexadecane (C16)	10.277	881705	5.352 ug/ml
8) T n-Octadecane (C18)	11.725	950205	5.561 ug/ml
10) T n-Eicosane (C20)	13.040	945832	5.698 ug/ml
11) T n-Heneicosane (C21)	13.654	928712	5.662 ug/ml
13) T n-Docosane (C22)	14.243	966258	5.944 ug/ml
14) T n-Tetracosane (C24)	15.349	1075389	6.633 ug/ml
15) T n-Hexacosane (C26)	16.373	1073648	6.750 ug/ml
16) T n-Octacosane (C28)	17.325	1103081	7.128 ug/ml
17) T n-Tricontane (C30)	18.215	1157061	7.388 ug/ml
18) T n-Dotriacontane (C32)	19.049	1164202	7.763 ug/ml
19) T n-Tetratriacontane (C34)	19.835	997955	7.383 ug/ml
20) T n-Hexatriacontane (C36)	20.576	769876	6.686 ug/ml
21) T n-Octatriacontane (C38)	21.348	617112	6.253 ug/ml
22) T n-Tetracontane (C40)	22.326	516170	6.038 ug/ml

(f)=RT Delta > 1/2 Window

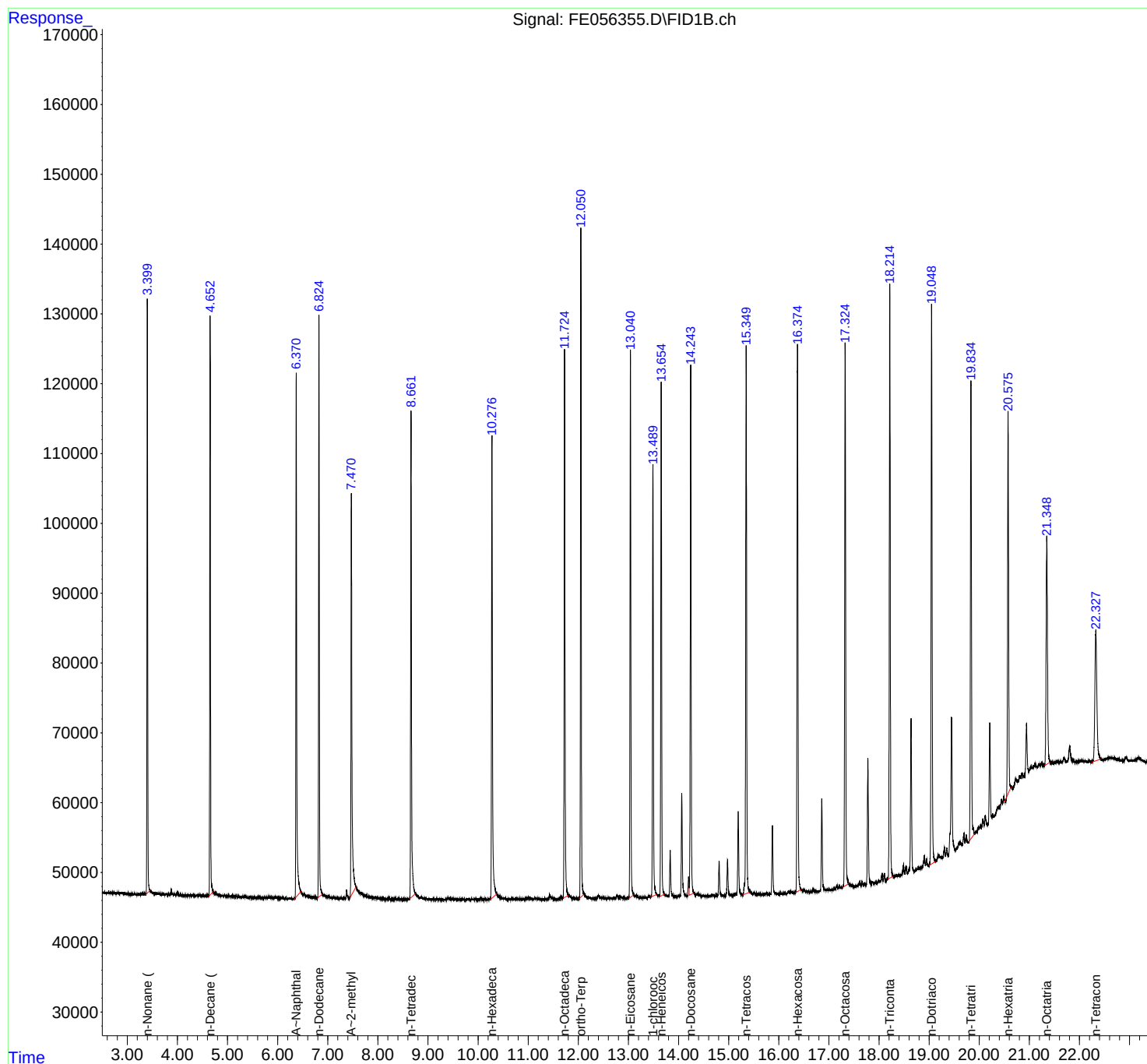
(m)=manual int.

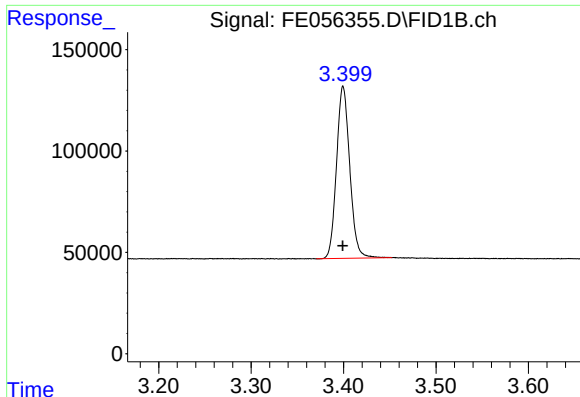
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE101725AL\
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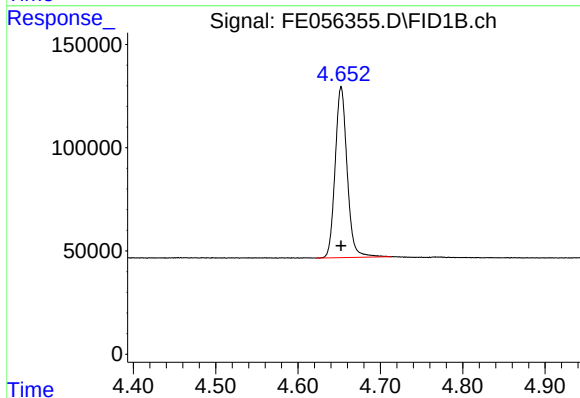




#1 n-Nonane (C9)

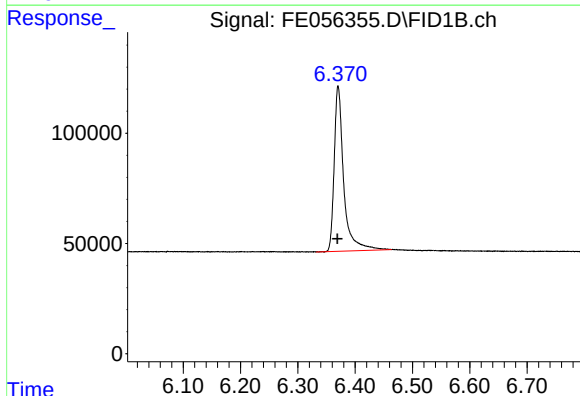
R.T.: 3.400 min
Delta R.T.: 0.000 min
Response: 845403
Conc: 5.50 ug/ml

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5



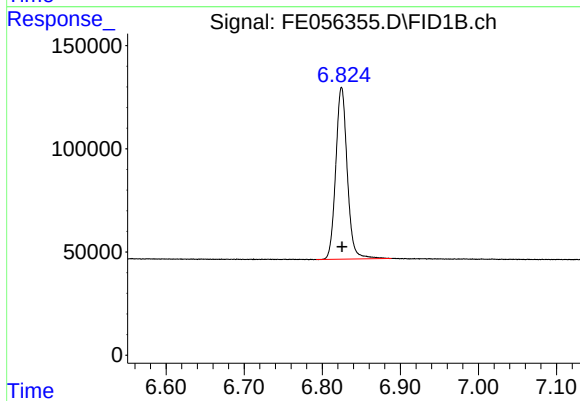
#2 n-Decane (C10)

R.T.: 4.652 min
Delta R.T.: 0.000 min
Response: 837010
Conc: 5.39 ug/ml



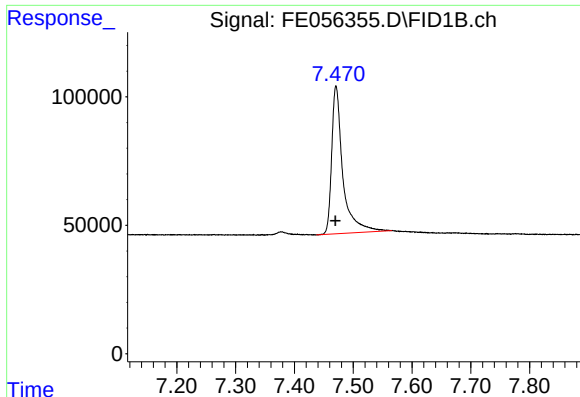
#3 A~Naphthalene (C11.7)

R.T.: 6.371 min
Delta R.T.: 0.002 min
Response: 865601
Conc: 5.15 ug/ml



#4 n-Dodecane (C12)

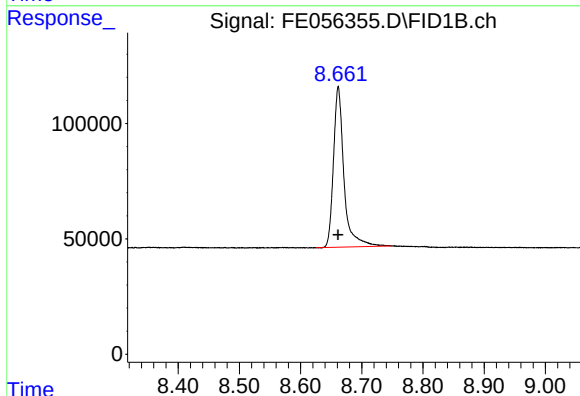
R.T.: 6.825 min
Delta R.T.: 0.000 min
Response: 852915
Conc: 5.41 ug/ml



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

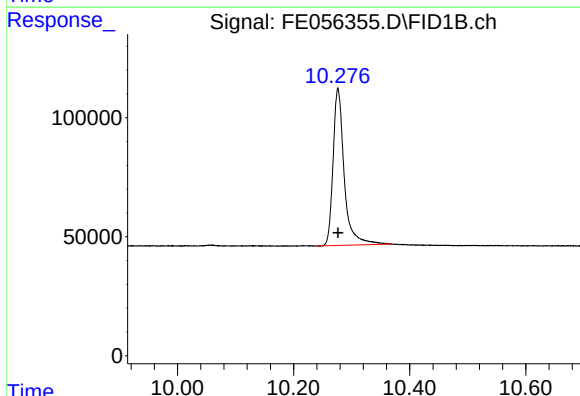
R.T.: 7.471 min
Delta R.T.: 0.001 min
Response: 757610
Conc: 4.74 ug/ml

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5



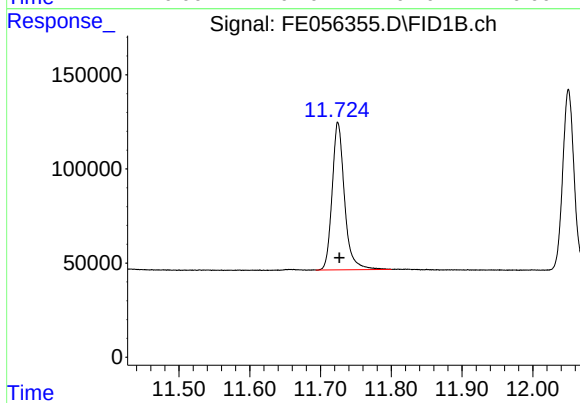
#6 n-Tetradecane (C14)

R.T.: 8.662 min
Delta R.T.: 0.000 min
Response: 828658
Conc: 5.30 ug/ml



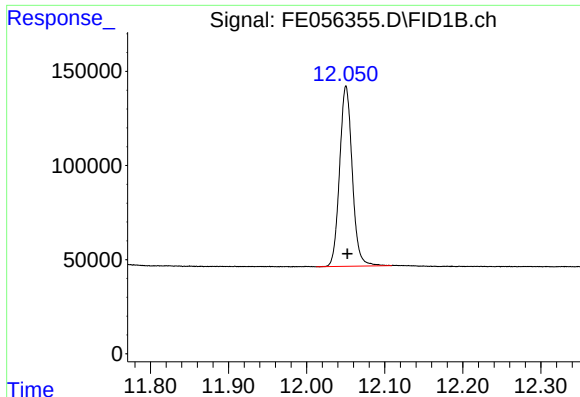
#7 n-Hexadecane (C16)

R.T.: 10.277 min
Delta R.T.: 0.000 min
Response: 881705
Conc: 5.35 ug/ml



#8 n-Octadecane (C18)

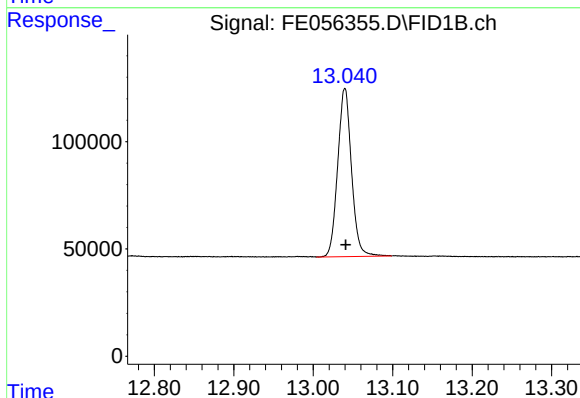
R.T.: 11.725 min
Delta R.T.: -0.002 min
Response: 950205
Conc: 5.56 ug/ml



#9 ortho-Terphenyl (SURR)

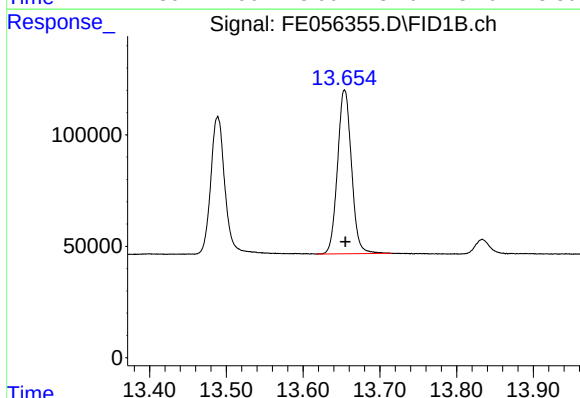
R.T.: 12.050 min
Delta R.T.: -0.002 min
Response: 1074413
Conc: 5.62 ug/ml

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5



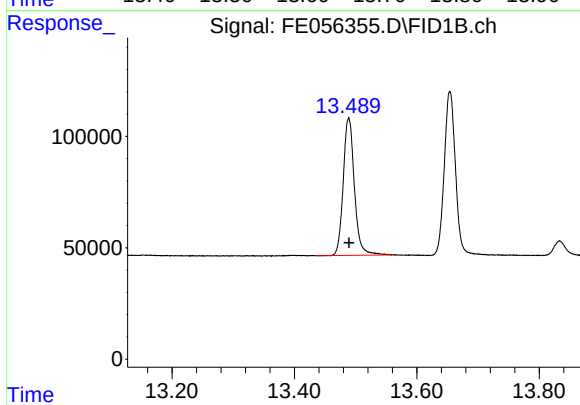
#10 n-Eicosane (C20)

R.T.: 13.040 min
Delta R.T.: -0.001 min
Response: 945832
Conc: 5.70 ug/ml



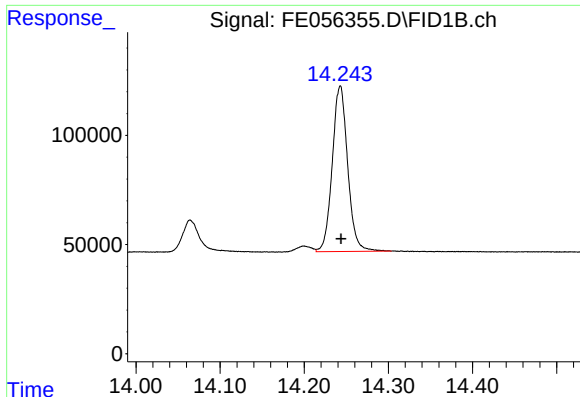
#11 n-Heneicosane (C21)

R.T.: 13.654 min
Delta R.T.: -0.001 min
Response: 928712
Conc: 5.66 ug/ml



#12 1-chlorooctadecane (SURR)

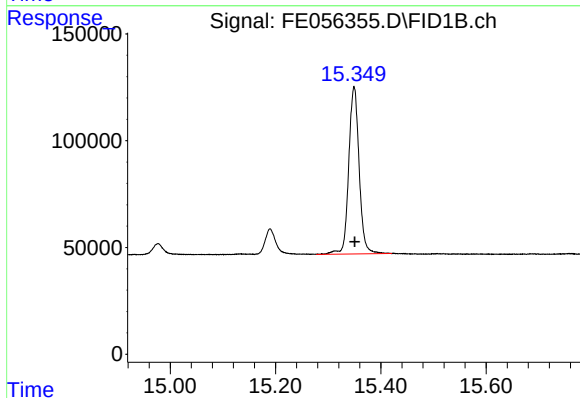
R.T.: 13.489 min
Delta R.T.: 0.000 min
Response: 780302
Conc: 5.44 ug/ml



#13 n-Docosane (C22)

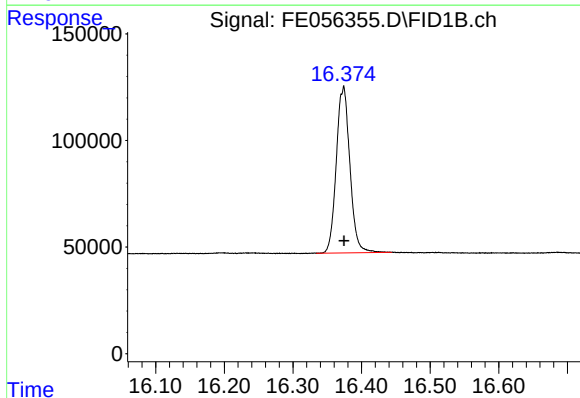
R.T.: 14.243 min
Delta R.T.: -0.001 min
Response: 966258
Conc: 5.94 ug/ml

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5



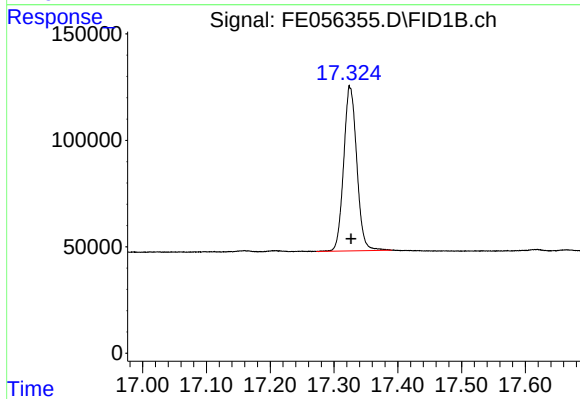
#14 n-Tetracosane (C24)

R.T.: 15.349 min
Delta R.T.: -0.001 min
Response: 1075389
Conc: 6.63 ug/ml



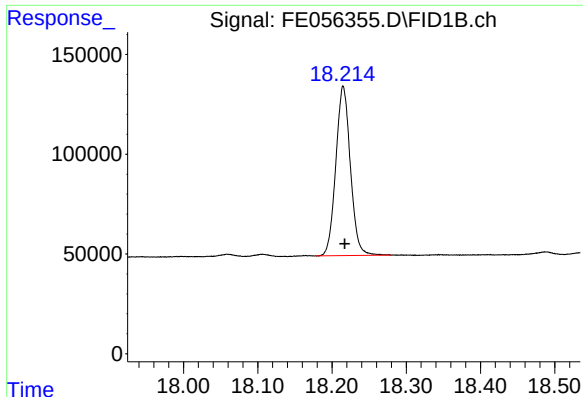
#15 n-Hexacosane (C26)

R.T.: 16.373 min
Delta R.T.: -0.001 min
Response: 1073648
Conc: 6.75 ug/ml



#16 n-Octacosane (C28)

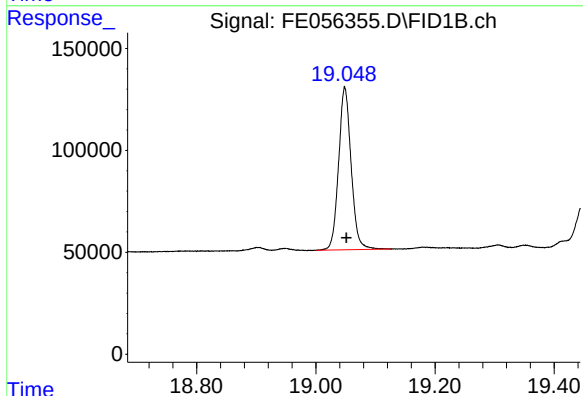
R.T.: 17.325 min
Delta R.T.: -0.001 min
Response: 1103081
Conc: 7.13 ug/ml



#17 n-Tricontane (C30)

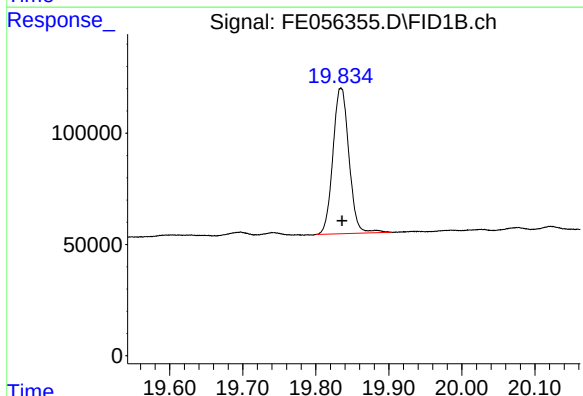
R.T.: 18.215 min
Delta R.T.: -0.002 min
Response: 1157061
Conc: 7.39 ug/ml

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5



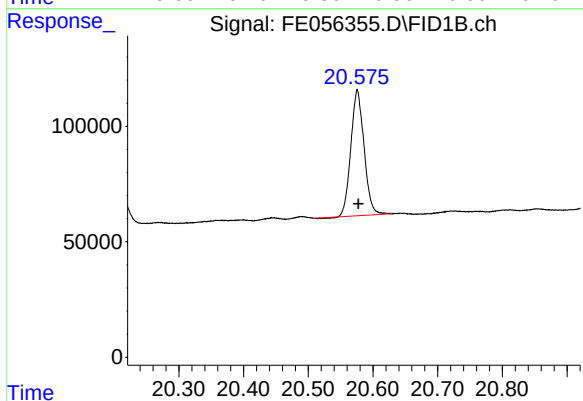
#18 n-Dotriacontane (C32)

R.T.: 19.049 min
Delta R.T.: -0.003 min
Response: 1164202
Conc: 7.76 ug/ml



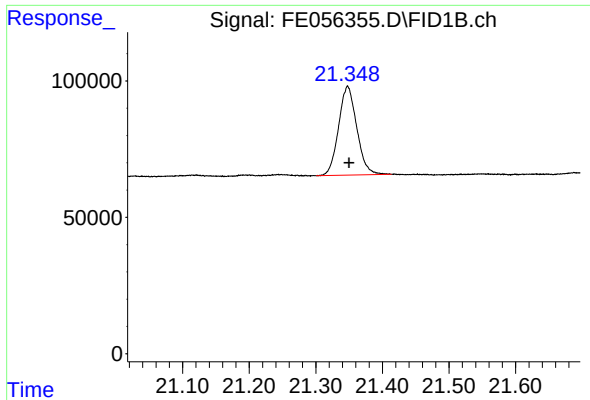
#19 n-Tetratriacontane (C34)

R.T.: 19.835 min
Delta R.T.: -0.001 min
Response: 997955
Conc: 7.38 ug/ml



#20 n-Hexatriacontane (C36)

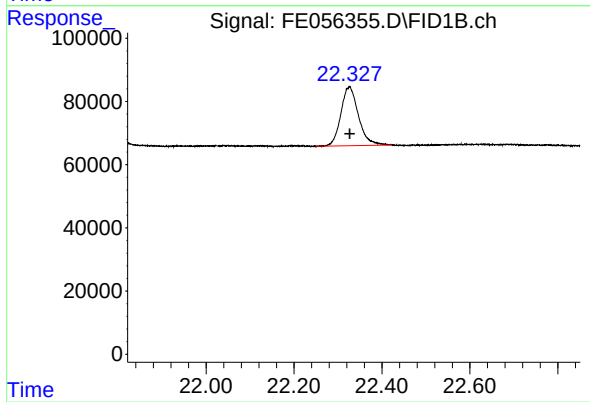
R.T.: 20.576 min
Delta R.T.: -0.002 min
Response: 769876
Conc: 6.69 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.348 min
Delta R.T.: -0.002 min
Response: 617112
Conc: 6.25 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.326 min
Delta R.T.: -0.002 min
Response: 516170
Conc: 6.04 ug/ml