

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061025AL\
 Data File : FE054266.D
 Signal(s) : FID1B.ch
 Acq On : 10 Jun 2025 02:42
 Operator : YP\AJ
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 10 PPM ALIPHATIC HC STD4

Integration File: autoint1.e
 Quant Time: Jun 10 07:14:26 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 061025.M
 Quant Title : GC Extractables
 QLast Update : Tue Jun 10 07:11:27 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	1736358	10.666 ug/ml
Spiked Amount 50.000		Recovery =	21.33%
12) S 1-chlorooctadecane (S...	13.279	1282946	10.679 ug/ml
Spiked Amount 50.000		Recovery =	21.36%
Target Compounds			
1) T n-Nonane (C9)	3.181	1277646	10.402 ug/ml
2) T n-Decane (C10)	4.444	1281451	10.395 ug/ml
3) T A~Naphthalene (C11.7)	6.162	1392801	10.484 ug/ml
4) T n-Dodecane (C12)	6.626	1317269	10.402 ug/ml
5) T A~2-methylnaphthalene...	7.264	1342201	10.173 ug/ml
6) T n-Tetradecane (C14)	8.461	1342976	10.508 ug/ml
7) T n-Hexadecane (C16)	10.074	1388032	10.595 ug/ml
8) T n-Octadecane (C18)	11.521	1424070	10.701 ug/ml
10) T n-Eicosane (C20)	12.833	1412530	10.718 ug/ml
11) T n-Heneicosane (C21)	13.447	1404033	10.717 ug/ml
13) T n-Docosane (C22)	14.034	1386256	10.741 ug/ml
14) T n-Tetracosane (C24)	15.140	1356681	10.682 ug/ml
15) T n-Hexacosane (C26)	16.163	1317896	10.663 ug/ml
16) T n-Octacosane (C28)	17.115	1286391	10.659 ug/ml
17) T n-Tricontane (C30)	18.004	1300063	10.699 ug/ml
18) T n-Dotriacontane (C32)	18.838	1323202	10.750 ug/ml
19) T n-Tetratriacontane (C34)	19.623	1303250	10.643 ug/ml
20) T n-Hexatriacontane (C36)	20.364	1340709	10.519 ug/ml
21) T n-Octatriacontane (C38)	21.093	1378000	10.528 ug/ml
22) T n-Tetracontane (C40)	21.985	1417576	10.651 ug/ml

(f)=RT Delta > 1/2 Window

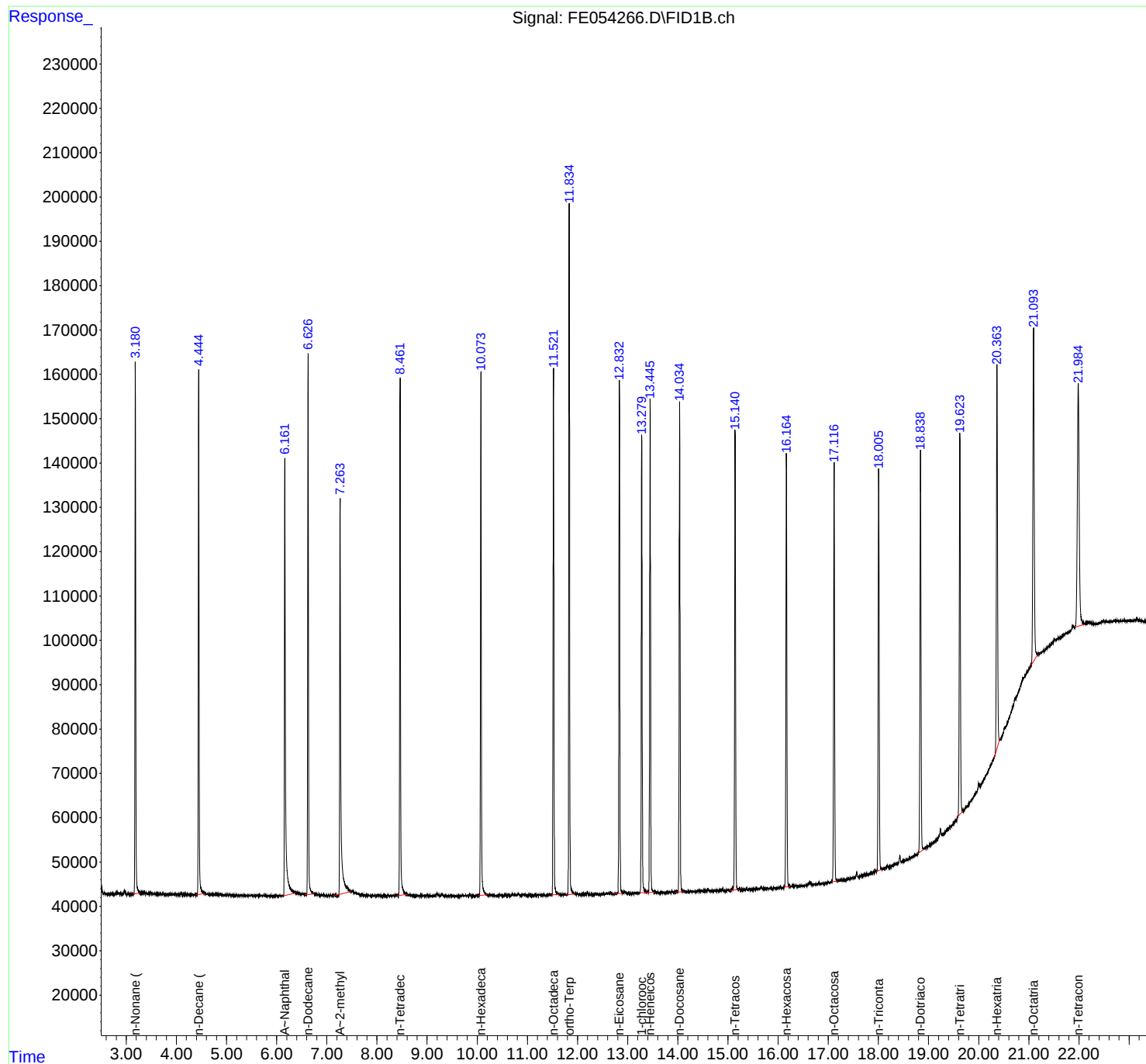
(m)=manual int.

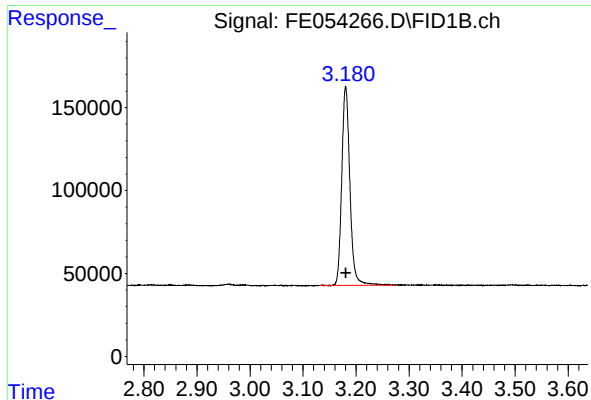
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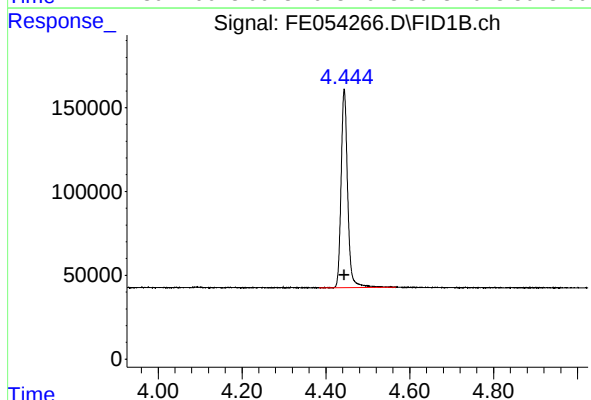




#1 n-Nonane (C9)

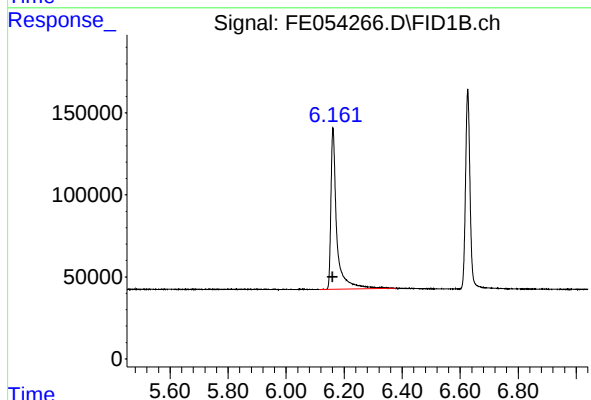
R.T.: 3.181 min
Delta R.T.: 0.000 min
Response: 1277646
Conc: 10.40 ug/ml

Instrument :
FID_E
ClientSampleId :
10 PPM ALIPHATIC HC STD4



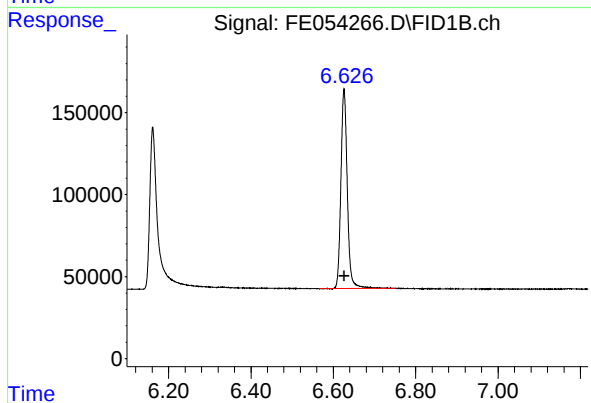
#2 n-Decane (C10)

R.T.: 4.444 min
Delta R.T.: 0.000 min
Response: 1281451
Conc: 10.39 ug/ml



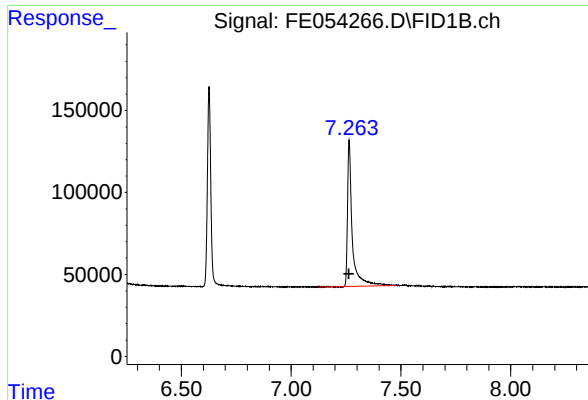
#3 A~Naphthalene (C11.7)

R.T.: 6.162 min
Delta R.T.: 0.002 min
Response: 1392801
Conc: 10.48 ug/ml



#4 n-Dodecane (C12)

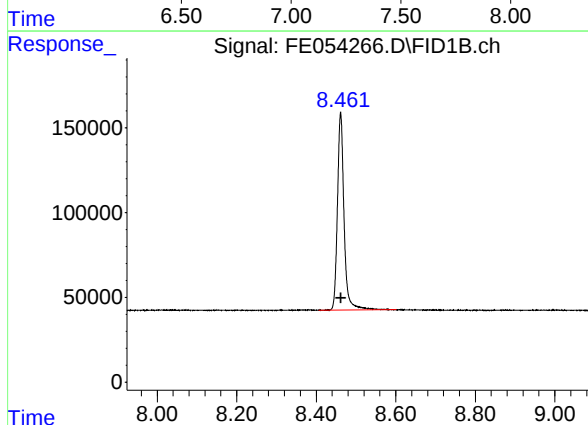
R.T.: 6.626 min
Delta R.T.: 0.000 min
Response: 1317269
Conc: 10.40 ug/ml



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

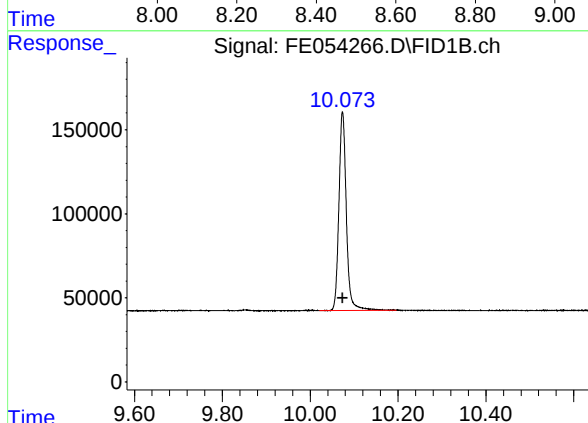
R.T.: 7.264 min
Delta R.T.: 0.002 min
Response: 1342201
Conc: 10.17 ug/ml

Instrument :
FID_E
ClientSampleId :
10 PPM ALIPHATIC HC STD4



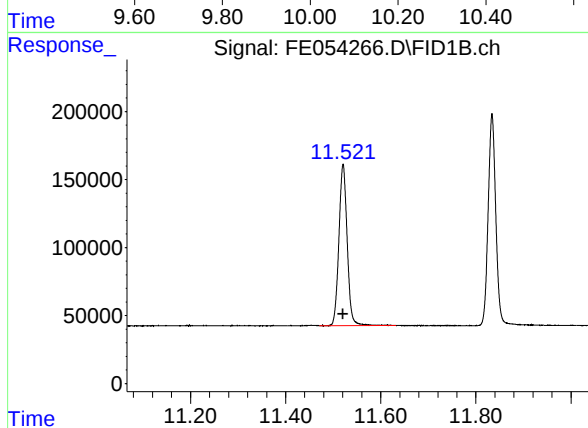
#6 n-Tetradecane (C14)

R.T.: 8.461 min
Delta R.T.: 0.000 min
Response: 1342976
Conc: 10.51 ug/ml



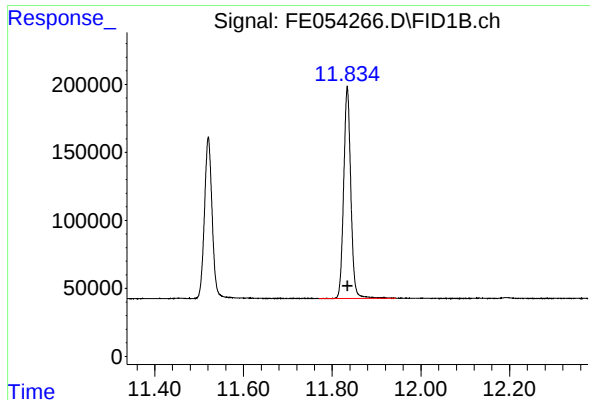
#7 n-Hexadecane (C16)

R.T.: 10.074 min
Delta R.T.: 0.000 min
Response: 1388032
Conc: 10.59 ug/ml



#8 n-Octadecane (C18)

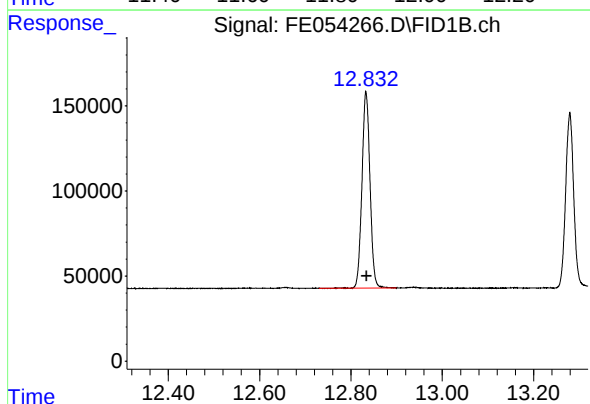
R.T.: 11.521 min
Delta R.T.: 0.000 min
Response: 1424070
Conc: 10.70 ug/ml



#9 ortho-Terphenyl (SURR)

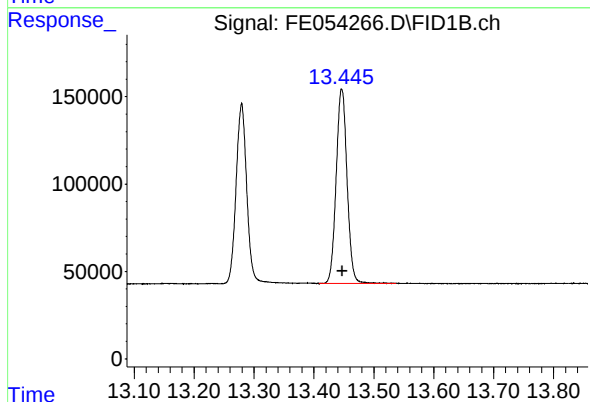
R.T.: 11.834 min
Delta R.T.: 0.000 min
Response: 1736358
Conc: 10.67 ug/ml

Instrument :
FID_E
ClientSampleId :
10 PPM ALIPHATIC HC STD4



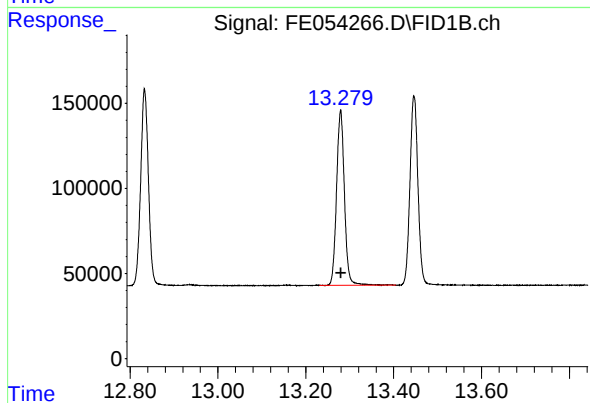
#10 n-Eicosane (C20)

R.T.: 12.833 min
Delta R.T.: -0.001 min
Response: 1412530
Conc: 10.72 ug/ml



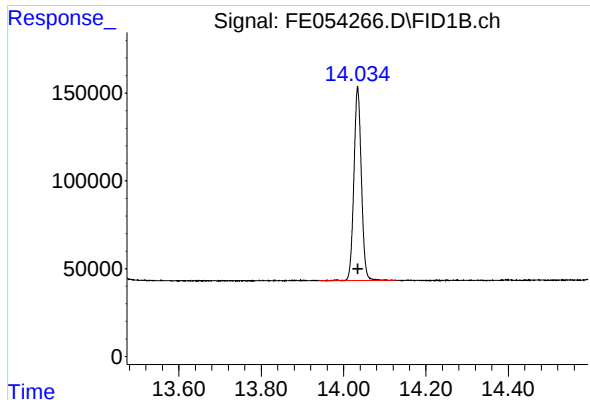
#11 n-Heneicosane (C21)

R.T.: 13.447 min
Delta R.T.: -0.001 min
Response: 1404033
Conc: 10.72 ug/ml



#12 1-chlorooctadecane (SURR)

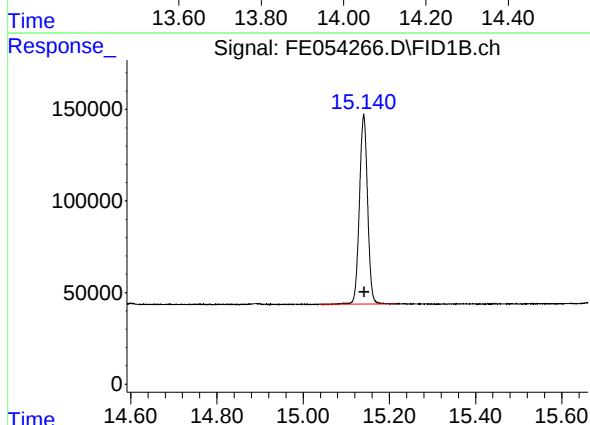
R.T.: 13.279 min
Delta R.T.: 0.000 min
Response: 1282946
Conc: 10.68 ug/ml



#13 n-Docosane (C22)

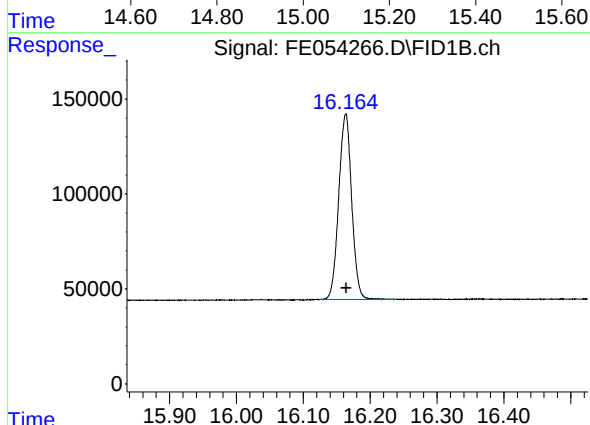
R.T.: 14.034 min
Delta R.T.: -0.001 min
Response: 1386256
Conc: 10.74 ug/ml

Instrument :
FID_E
ClientSampleId :
10 PPM ALIPHATIC HC STD4



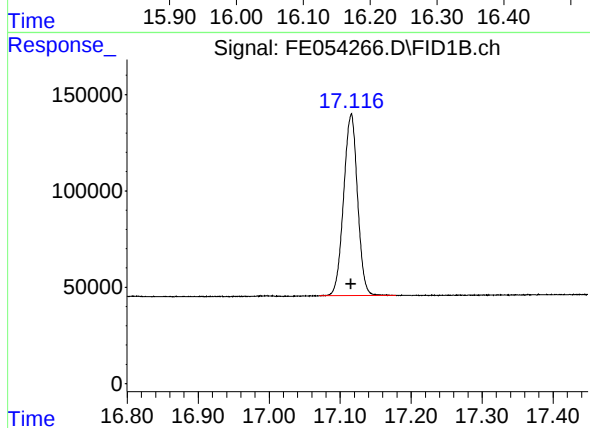
#14 n-Tetracosane (C24)

R.T.: 15.140 min
Delta R.T.: 0.000 min
Response: 1356681
Conc: 10.68 ug/ml



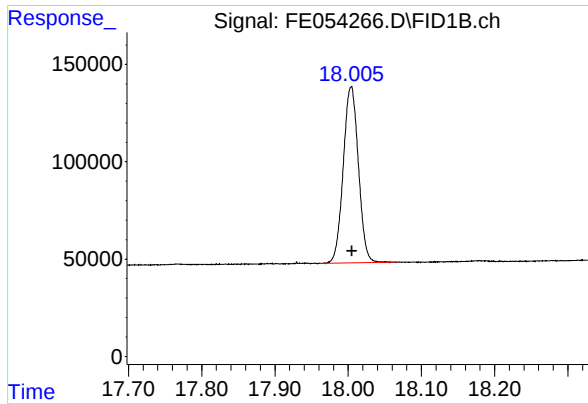
#15 n-Hexacosane (C26)

R.T.: 16.163 min
Delta R.T.: 0.000 min
Response: 1317896
Conc: 10.66 ug/ml



#16 n-Octacosane (C28)

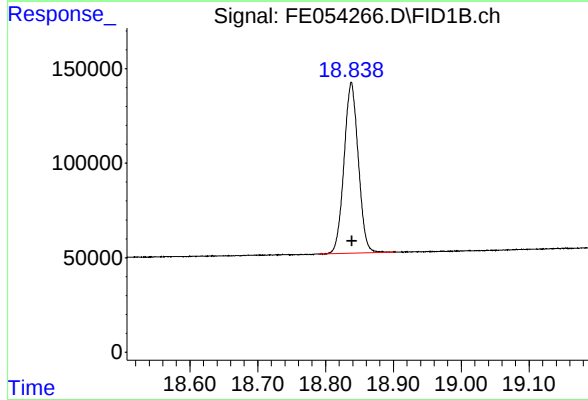
R.T.: 17.115 min
Delta R.T.: 0.000 min
Response: 1286391
Conc: 10.66 ug/ml



#17 n-Tricontane (C30)

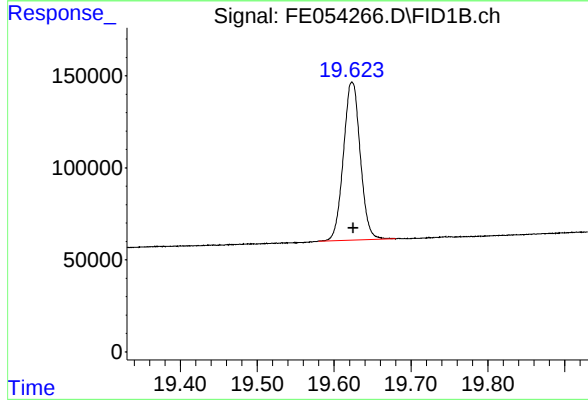
R.T.: 18.004 min
Delta R.T.: -0.001 min
Response: 1300063
Conc: 10.70 ug/ml

Instrument :
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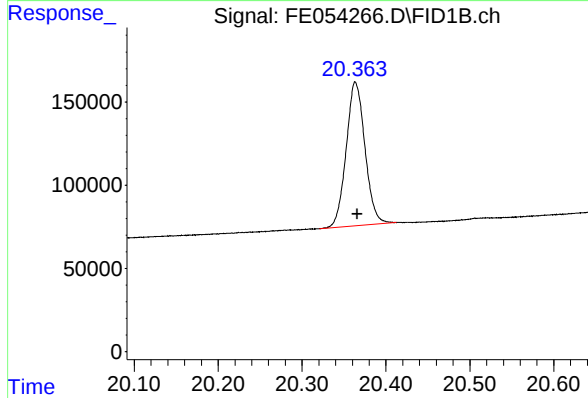
#18 n-Dotriacontane (C32)

R.T.: 18.838 min
Delta R.T.: -0.001 min
Response: 1323202
Conc: 10.75 ug/ml



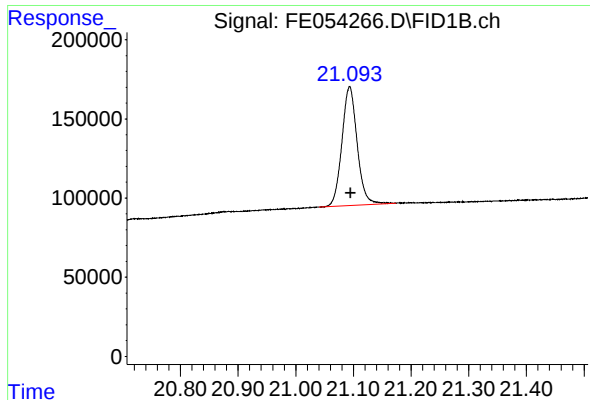
#19 n-Tetatriacontane (C34)

R.T.: 19.623 min
Delta R.T.: -0.002 min
Response: 1303250
Conc: 10.64 ug/ml



#20 n-Hexatriacontane (C36)

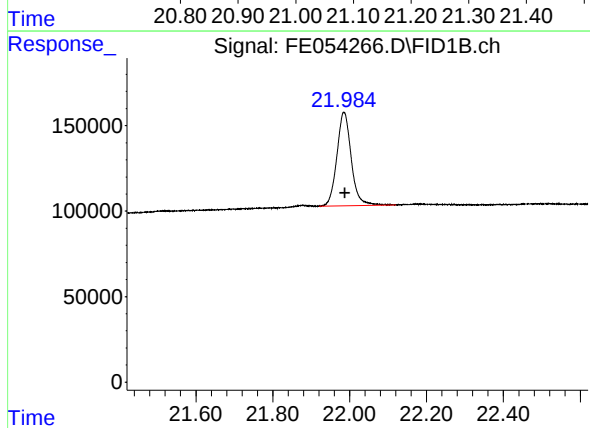
R.T.: 20.364 min
Delta R.T.: -0.002 min
Response: 1340709
Conc: 10.52 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.093 min
Delta R.T.: -0.002 min
Response: 1378000
Conc: 10.53 ug/ml

Instrument :
FID_E
ClientSampleId :
10 PPM ALIPHATIC HC STD4



#22 n-Tetracontane (C40)

R.T.: 21.985 min
Delta R.T.: -0.003 min
Response: 1417576
Conc: 10.65 ug/ml