

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE010725AL\
 Data File : FE051854.D
 Signal(s) : FID1B.ch
 Acq On : 07 Jan 2025 07:59
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Jan 08 00:13:45 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 010225.M
 Quant Title : GC Extractables
 QLast Update : Fri Jan 03 04:14:12 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)	12.125	2985657	20.598 ug/ml
Spiked Amount 50.000		Recovery =	41.20%
12) S 1-chlorooctadecane (S...	13.553	2347725	20.431 ug/ml
Spiked Amount 50.000		Recovery =	40.86%
Target Compounds			
1) T n-Nonane (C9)	3.532	2219225	20.092 ug/ml
2) T n-Decane (C10)	4.774	2312597	20.323 ug/ml
3) T A~Naphthalene (C11.7)	6.478	2632511	20.641 ug/ml
4) T n-Dodecane (C12)	6.926	2414286	20.559 ug/ml
5) T A~2-methylnaphthalene...	7.569	2598830	20.765 ug/ml
6) T n-Tetradecane (C14)	8.750	2481040	20.693 ug/ml
7) T n-Hexadecane (C16)	10.357	2649984	20.708 ug/ml
8) T n-Octadecane (C18)	11.798	2755524	20.708 ug/ml
10) T n-Eicosane (C20)	13.107	2706819	20.572 ug/ml
11) T n-Heneicosane (C21)	13.719	2683629	20.420 ug/ml
13) T n-Docosane (C22)	14.304	2690428	20.508 ug/ml
14) T n-Tetracosane (C24)	15.407	2708891	20.451 ug/ml
15) T n-Hexacosane (C26)	16.427	2640342	20.123 ug/ml
16) T n-Octacosane (C28)	17.376	2621023	20.300 ug/ml
17) T n-Tricontane (C30)	18.263	2782514	21.166 ug/ml
18) T n-Dotriacontane (C32)	19.098	2889901	22.772 ug/ml
19) T n-Tetratriacontane (C34)	19.880	2537223	22.835 ug/ml
20) T n-Hexatriacontane (C36)	20.618	2196110	22.260 ug/ml
21) T n-Octatriacontane (C38)	21.400	1887279	19.933 ug/ml
22) T n-Tetracontane (C40)	22.395	1808552	19.647 ug/ml

(f)=RT Delta > 1/2 Window

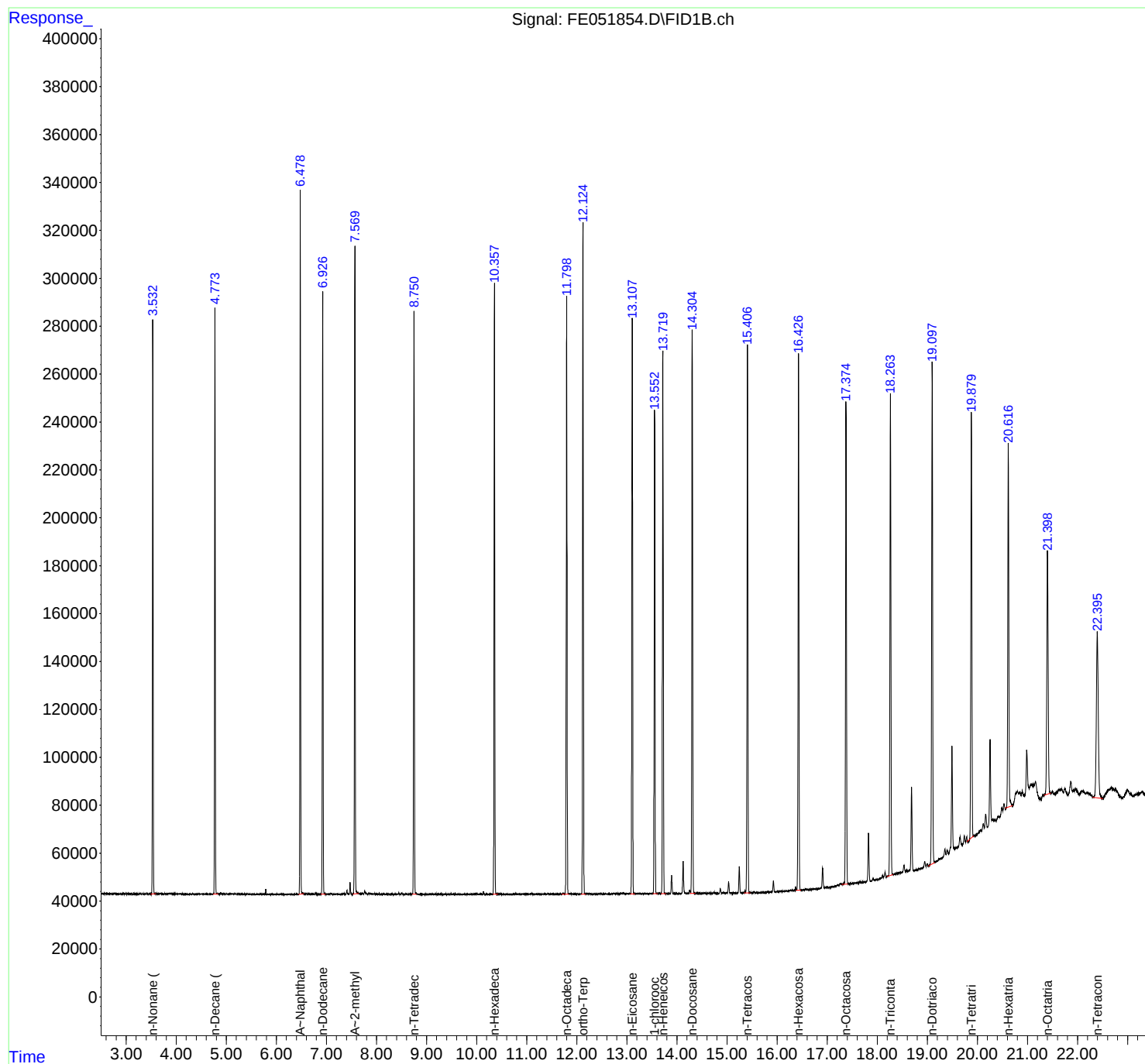
(m)=manual int.

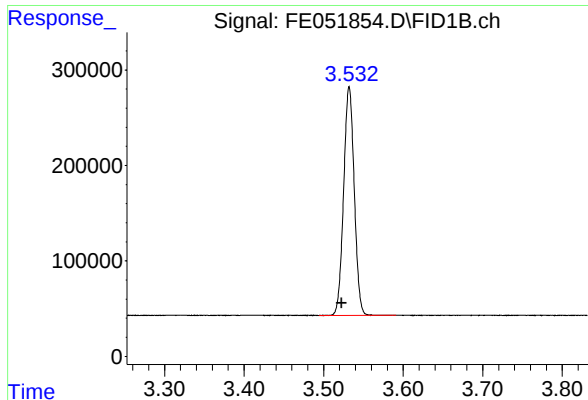
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE010725AL\
Data File : FE051854.D
Signal(s) : FID1B.ch
Acq On : 07 Jan 2025 07:59
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
Quant Time: Jan 08 00:13:45 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 010225.M
Quant Title : GC Extractables
QLast Update : Fri Jan 03 04:14:12 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

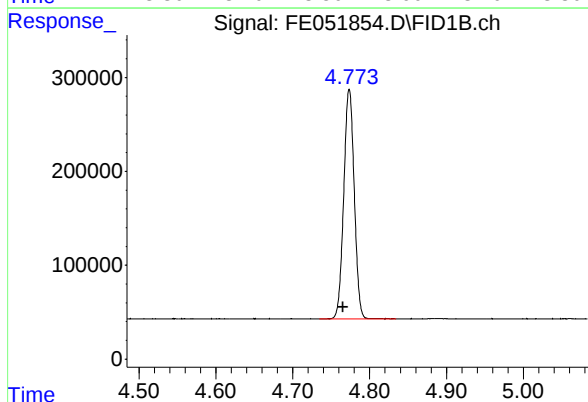




#1 n-Nonane (C9)

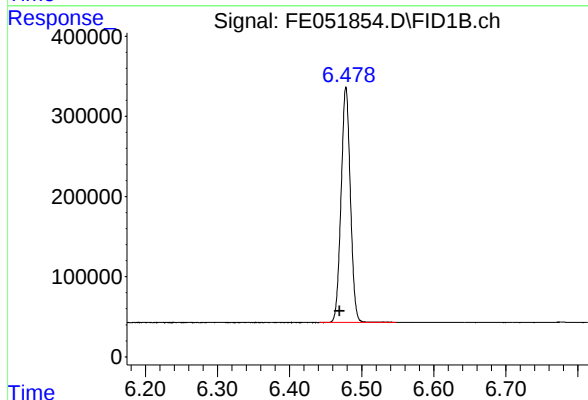
R.T.: 3.532 min
Delta R.T.: 0.009 min
Response: 2219225
Conc: 20.09 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



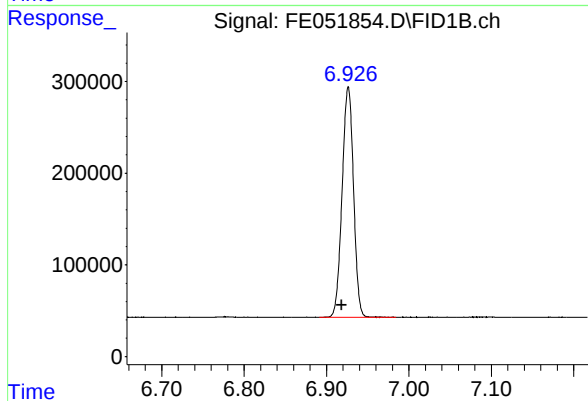
#2 n-Decane (C10)

R.T.: 4.774 min
Delta R.T.: 0.008 min
Response: 2312597
Conc: 20.32 ug/ml



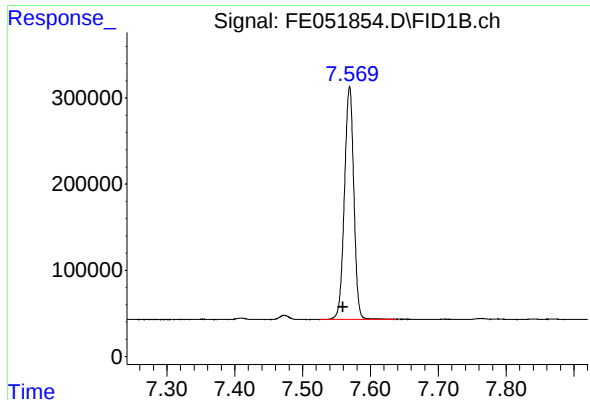
#3 A~Naphthalene (C11.7)

R.T.: 6.478 min
Delta R.T.: 0.009 min
Response: 2632511
Conc: 20.64 ug/ml



#4 n-Dodecane (C12)

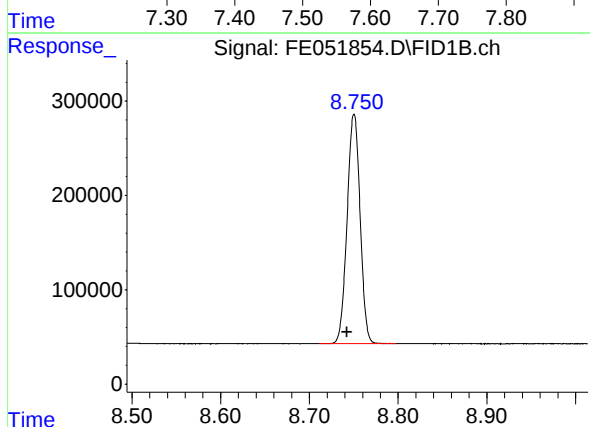
R.T.: 6.926 min
Delta R.T.: 0.008 min
Response: 2414286
Conc: 20.56 ug/ml



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

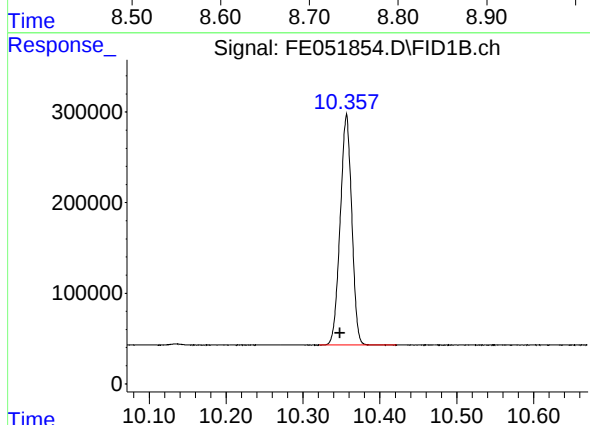
R.T.: 7.569 min
Delta R.T.: 0.009 min
Response: 2598830
Conc: 20.76 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



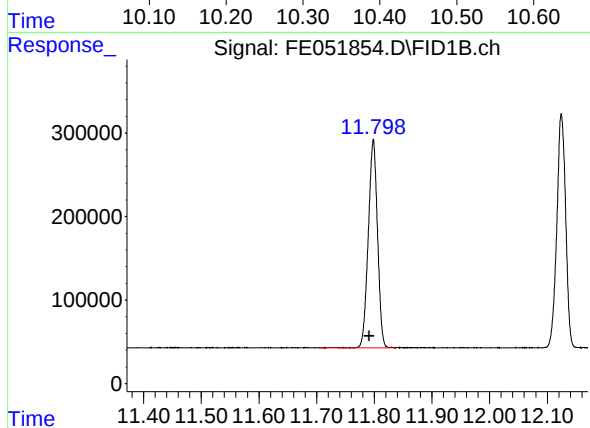
#6 n-Tetradecane (C14)

R.T.: 8.750 min
Delta R.T.: 0.008 min
Response: 2481040
Conc: 20.69 ug/ml



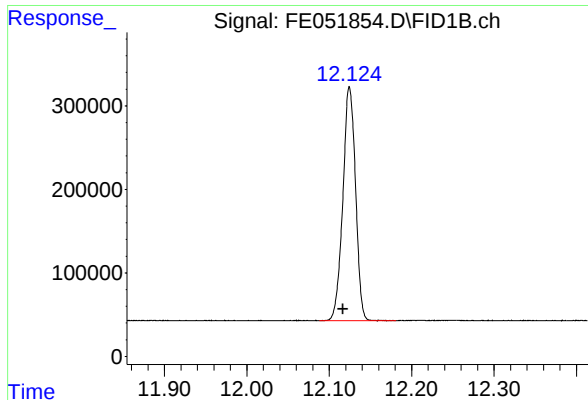
#7 n-Hexadecane (C16)

R.T.: 10.357 min
Delta R.T.: 0.008 min
Response: 2649984
Conc: 20.71 ug/ml



#8 n-Octadecane (C18)

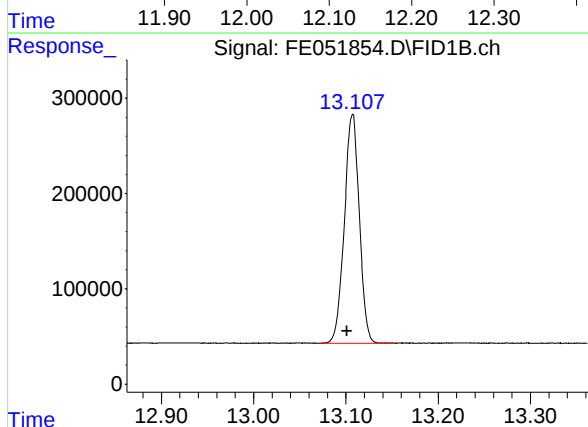
R.T.: 11.798 min
Delta R.T.: 0.007 min
Response: 2755524
Conc: 20.71 ug/ml



#9 ortho-Terphenyl (SURR)

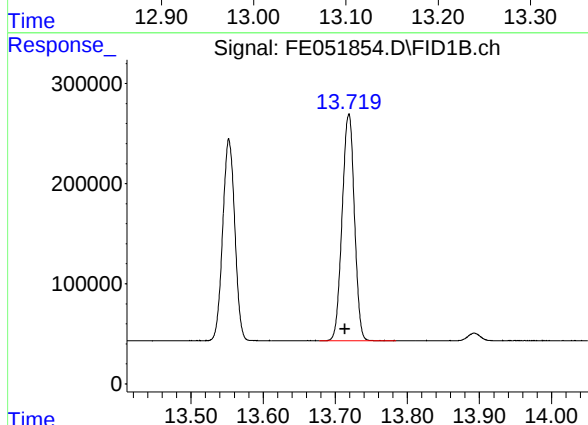
R.T.: 12.125 min
Delta R.T.: 0.008 min
Response: 2985657
Conc: 20.60 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



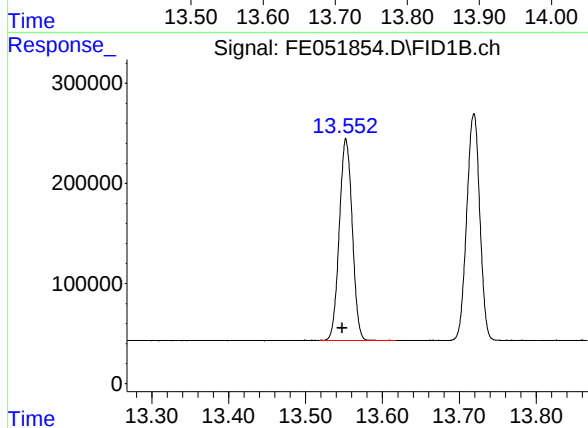
#10 n-Eicosane (C20)

R.T.: 13.107 min
Delta R.T.: 0.006 min
Response: 2706819
Conc: 20.57 ug/ml



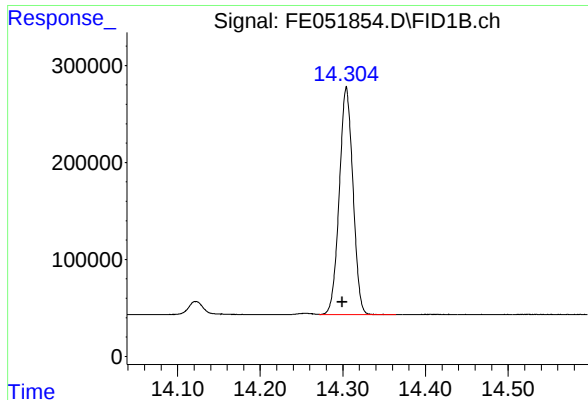
#11 n-Heneicosane (C21)

R.T.: 13.719 min
Delta R.T.: 0.005 min
Response: 2683629
Conc: 20.42 ug/ml



#12 1-chlorooctadecane (SURR)

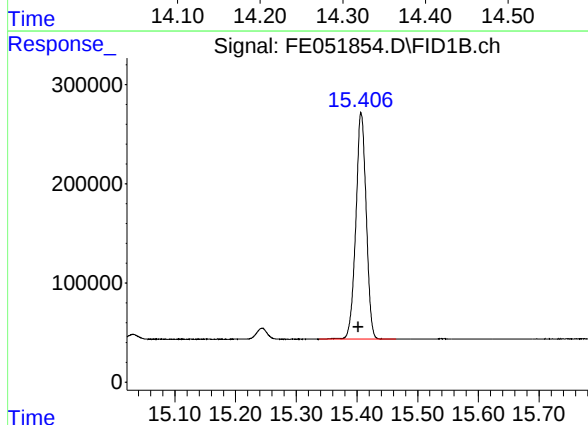
R.T.: 13.553 min
Delta R.T.: 0.005 min
Response: 2347725
Conc: 20.43 ug/ml



#13 n-Docosane (C22)

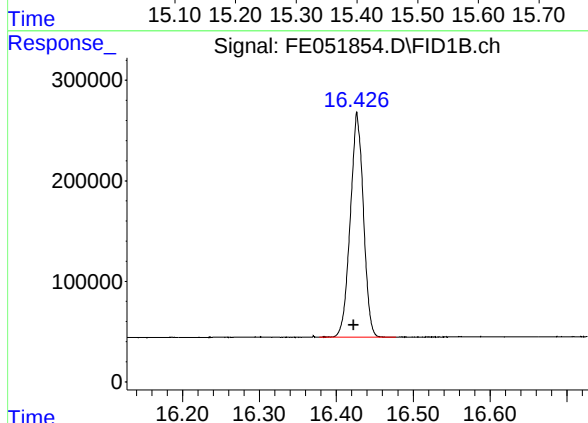
R.T.: 14.304 min
Delta R.T.: 0.005 min
Response: 2690428
Conc: 20.51 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



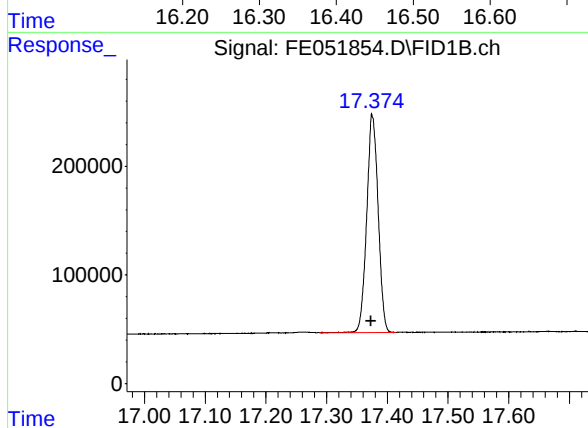
#14 n-Tetracosane (C24)

R.T.: 15.407 min
Delta R.T.: 0.005 min
Response: 2708891
Conc: 20.45 ug/ml



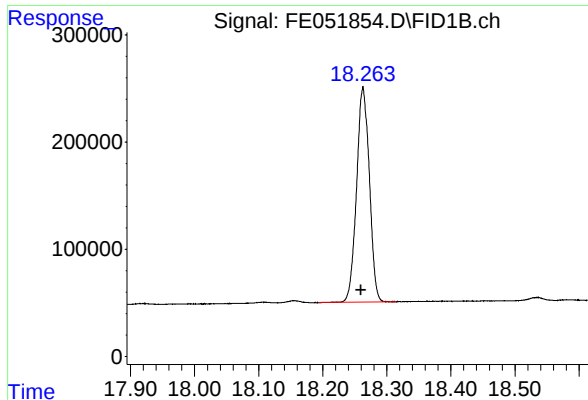
#15 n-Hexacosane (C26)

R.T.: 16.427 min
Delta R.T.: 0.005 min
Response: 2640342
Conc: 20.12 ug/ml



#16 n-Octacosane (C28)

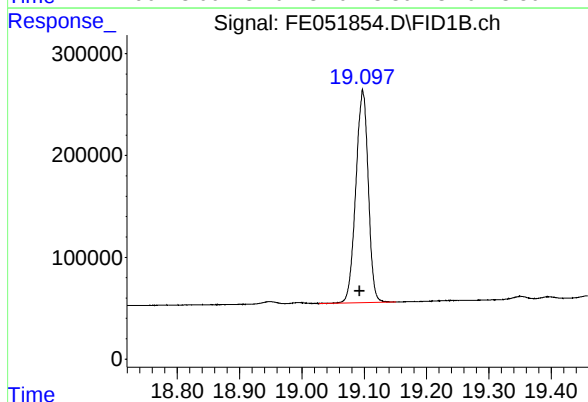
R.T.: 17.376 min
Delta R.T.: 0.003 min
Response: 2621023
Conc: 20.30 ug/ml



#17 n-Tricontane (C30)

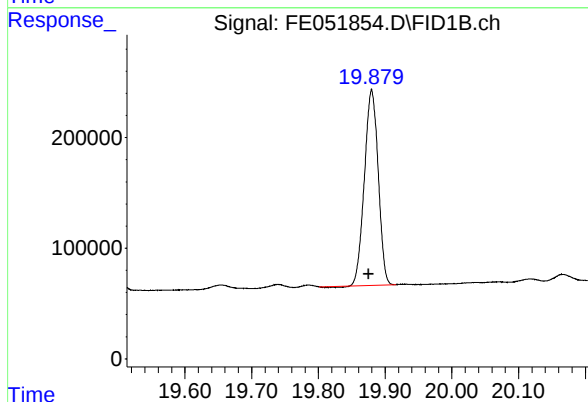
R.T.: 18.263 min
Delta R.T.: 0.003 min
Response: 2782514
Conc: 21.17 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



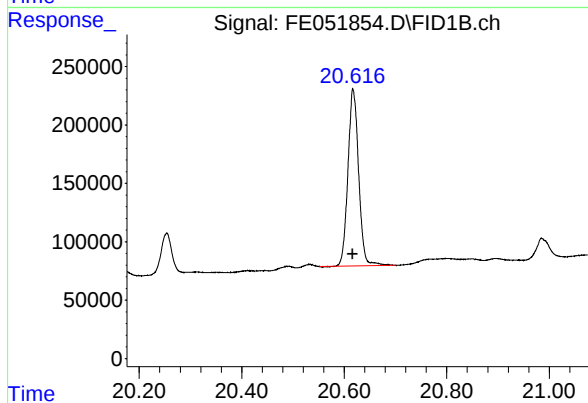
#18 n-Dotriacontane (C32)

R.T.: 19.098 min
Delta R.T.: 0.005 min
Response: 2889901
Conc: 22.77 ug/ml



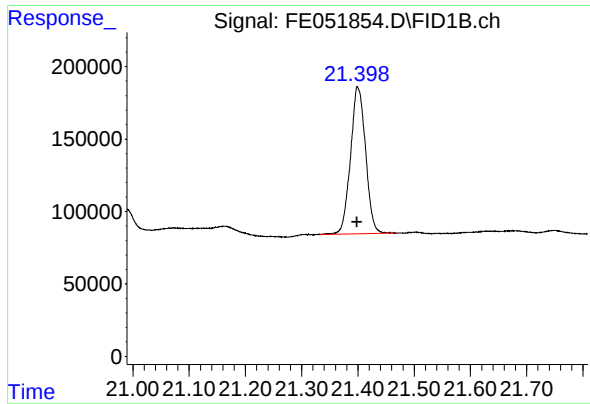
#19 n-Tetatriacontane (C34)

R.T.: 19.880 min
Delta R.T.: 0.005 min
Response: 2537223
Conc: 22.84 ug/ml



#20 n-Hexatriacontane (C36)

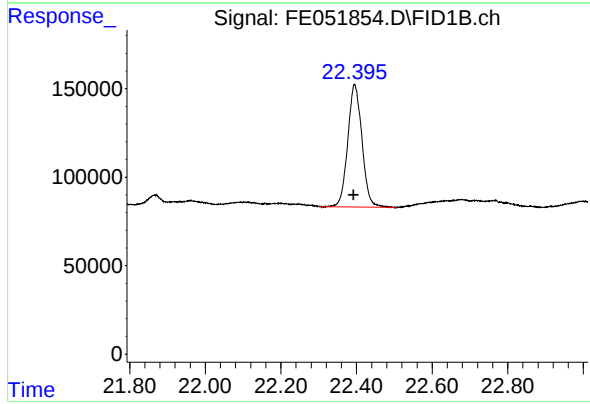
R.T.: 20.618 min
Delta R.T.: 0.001 min
Response: 2196110
Conc: 22.26 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.400 min
Delta R.T.: 0.002 min
Response: 1887279
Conc: 19.93 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.395 min
Delta R.T.: 0.003 min
Response: 1808552
Conc: 19.65 ug/ml