

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071825AL\
 Data File : FE054920.D
 Signal(s) : FID1B.ch
 Acq On : 18 Jul 2025 11:26
 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: Jul 18 23:09:22 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 08 07:45:12 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)	12.091	3063506	18.865 ug/ml
Spiked Amount 50.000		Recovery =	37.73%
12) S 1-chlorooctadecane (S...	13.527	2335432	18.492 ug/ml
Spiked Amount 50.000		Recovery =	36.98%
Target Compounds			
1) T n-Nonane (C9)	3.430	2336727	17.372 ug/ml
2) T n-Decane (C10)	4.688	2531518	18.553 ug/ml
3) T A~Naphthalene (C11.7)	6.407	2881606	19.031 ug/ml
4) T n-Dodecane (C12)	6.863	2633417	19.193 ug/ml
5) T A~2-methylnaphthalene...	7.508	2838372	19.308 ug/ml
6) T n-Tetradecane (C14)	8.700	2685117	19.369 ug/ml
7) T n-Hexadecane (C16)	10.315	2817642	19.772 ug/ml
8) T n-Octadecane (C18)	11.764	2836464	19.354 ug/ml
10) T n-Eicosane (C20)	13.079	2707684	18.830 ug/ml
11) T n-Heneicosane (C21)	13.693	2646122	18.526 ug/ml
13) T n-Docosane (C22)	14.281	2647208	18.539 ug/ml
14) T n-Tetracosane (C24)	15.387	2681434	18.446 ug/ml
15) T n-Hexacosane (C26)	16.411	2679892	18.518 ug/ml
16) T n-Octacosane (C28)	17.363	2721268	18.672 ug/ml
17) T n-Tricontane (C30)	18.253	2938784	18.649 ug/ml
18) T n-Dotriacontane (C32)	19.087	3004190	18.569 ug/ml
19) T n-Tetratriacontane (C34)	19.873	2794242	18.336 ug/ml
20) T n-Hexatriacontane (C36)	20.615	2506357	18.641 ug/ml
21) T n-Octatriacontane (C38)	21.395	2424730	20.674 ug/ml
22) T n-Tetracontane (C40)	22.390	2300390	21.224 ug/ml

(f)=RT Delta > 1/2 Window

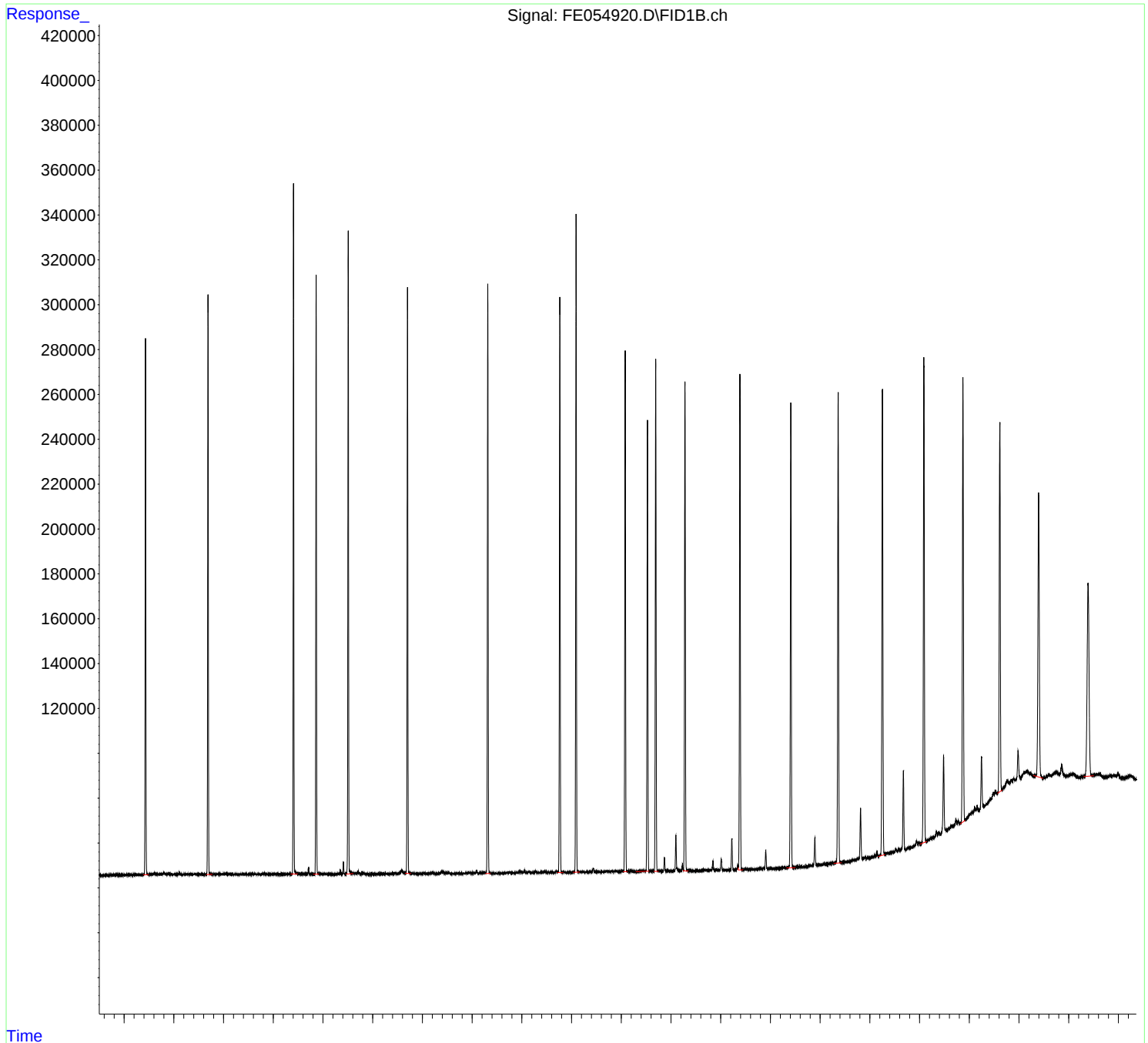
(m)=manual int.

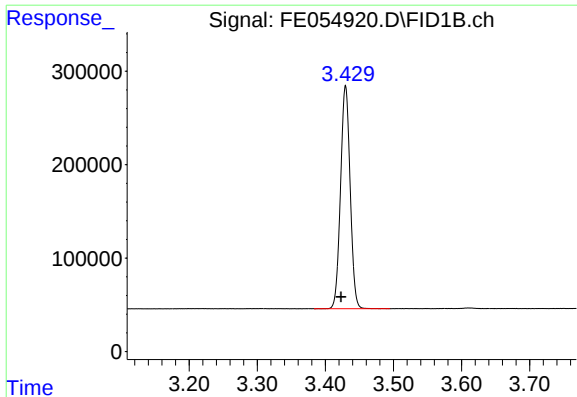
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071825AL\
Data File : FE054920.D
Signal(s) : FID1B.ch
Acq On : 18 Jul 2025 11:26
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
Quant Time: Jul 18 23:09:22 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
Quant Title : GC Extractables
QLast Update : Tue Jul 08 07:45:12 2025
Response via : Initial Calibration
Integrator: ChemStation

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

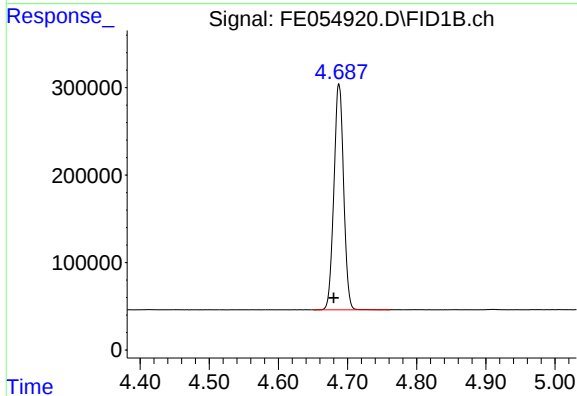




#1 n-Nonane (C9)

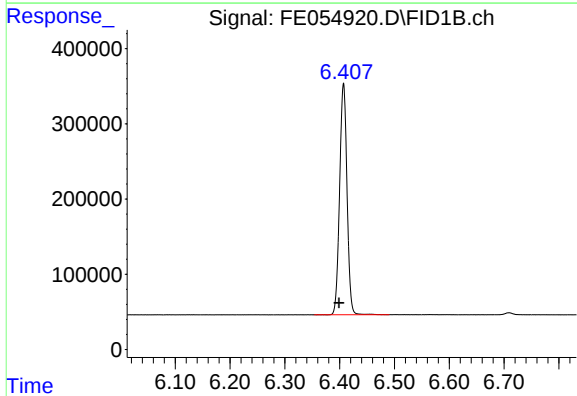
R.T.: 3.430 min
Delta R.T.: 0.007 min
Response: 2336727
Conc: 17.37 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



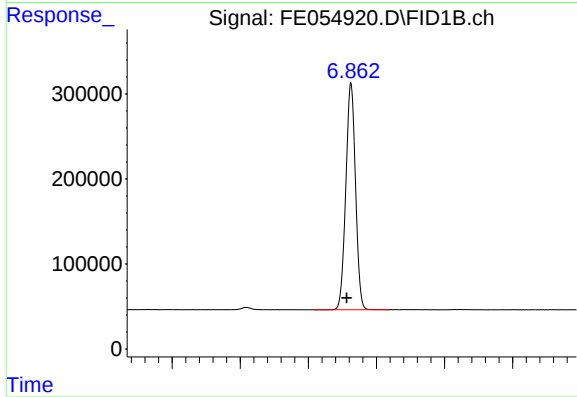
#2 n-Decane (C10)

R.T.: 4.688 min
Delta R.T.: 0.008 min
Response: 2531518
Conc: 18.55 ug/ml



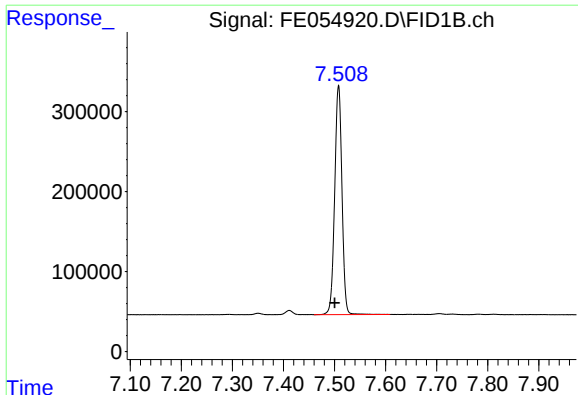
#3 A~Naphthalene (C11.7)

R.T.: 6.407 min
Delta R.T.: 0.008 min
Response: 2881606
Conc: 19.03 ug/ml



#4 n-Dodecane (C12)

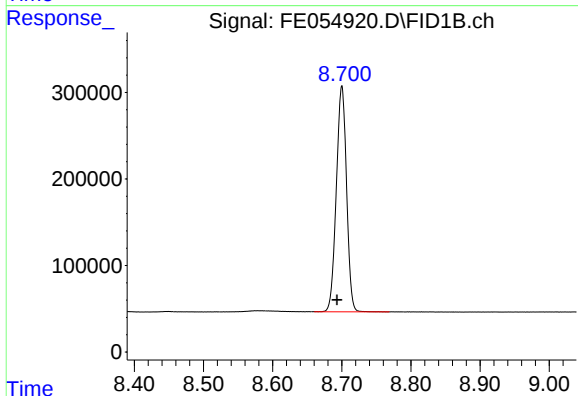
R.T.: 6.863 min
Delta R.T.: 0.006 min
Response: 2633417
Conc: 19.19 ug/ml



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

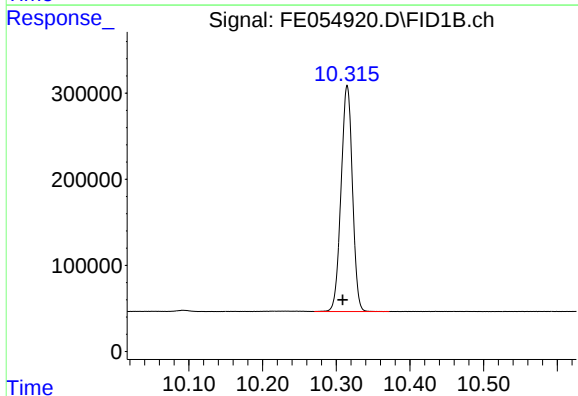
R.T.: 7.508 min
Delta R.T.: 0.007 min
Response: 2838372
Conc: 19.31 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



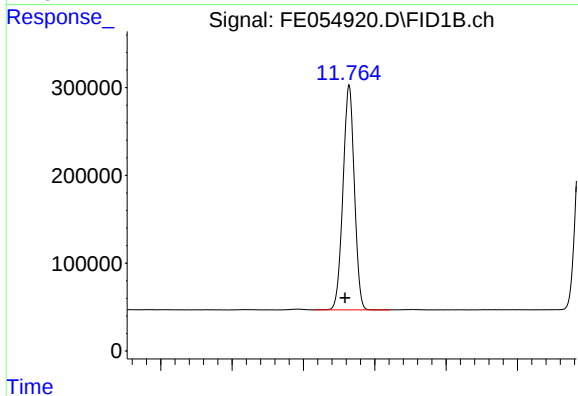
#6 n-Tetradecane (C14)

R.T.: 8.700 min
Delta R.T.: 0.007 min
Response: 2685117
Conc: 19.37 ug/ml



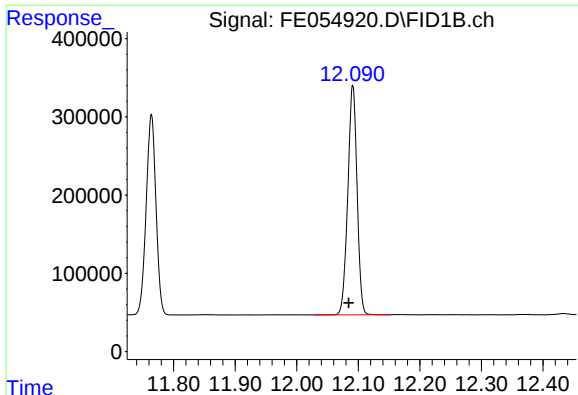
#7 n-Hexadecane (C16)

R.T.: 10.315 min
Delta R.T.: 0.006 min
Response: 2817642
Conc: 19.77 ug/ml



#8 n-Octadecane (C18)

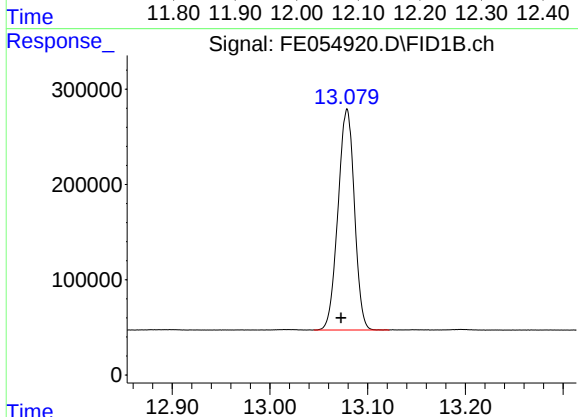
R.T.: 11.764 min
Delta R.T.: 0.006 min
Response: 2836464
Conc: 19.35 ug/ml



#9 ortho-Terphenyl (SURR)

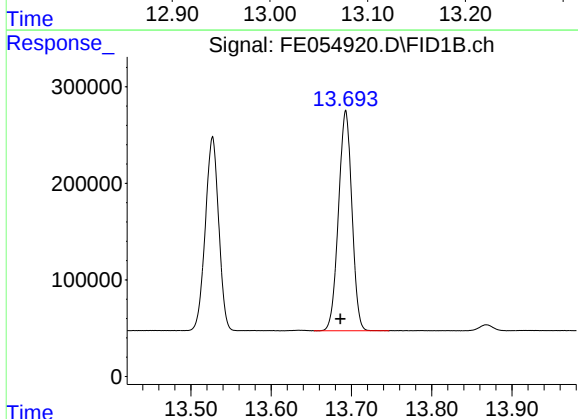
R.T.: 12.091 min
Delta R.T.: 0.007 min
Response: 3063506
Conc: 18.86 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



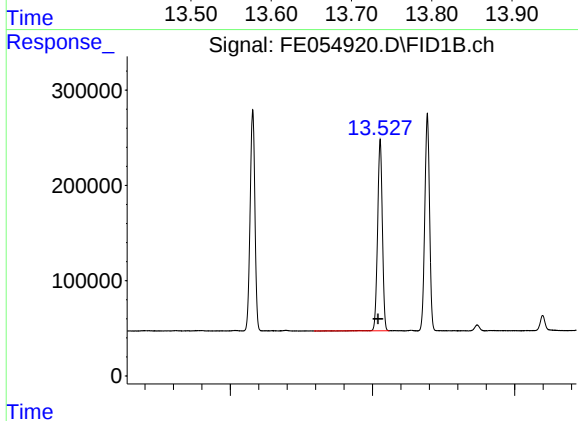
#10 n-Eicosane (C20)

R.T.: 13.079 min
Delta R.T.: 0.006 min
Response: 2707684
Conc: 18.83 ug/ml



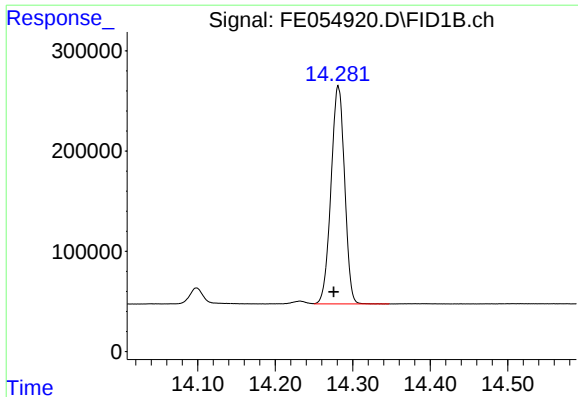
#11 n-Heneicosane (C21)

R.T.: 13.693 min
Delta R.T.: 0.007 min
Response: 2646122
Conc: 18.53 ug/ml



#12 1-chlorooctadecane (SURR)

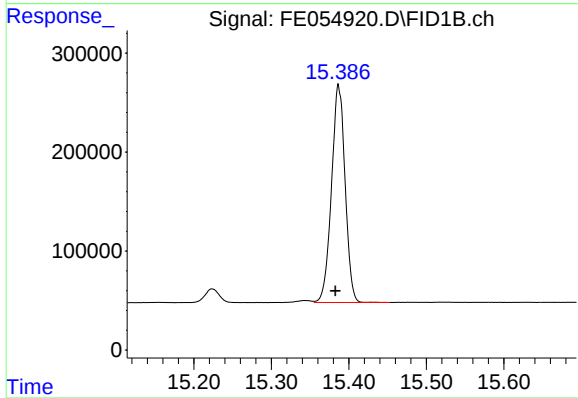
R.T.: 13.527 min
Delta R.T.: 0.007 min
Response: 2335432
Conc: 18.49 ug/ml



#13 n-Docosane (C22)

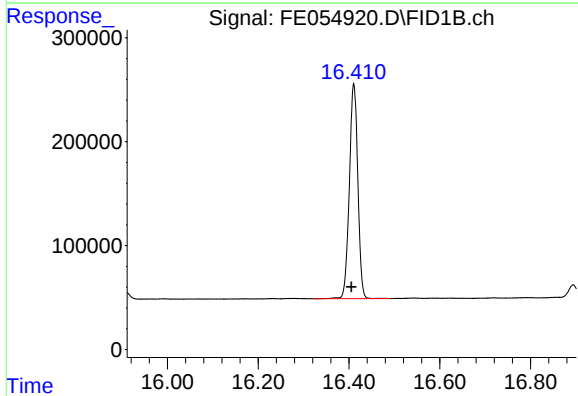
R.T.: 14.281 min
Delta R.T.: 0.006 min
Response: 2647208
Conc: 18.54 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



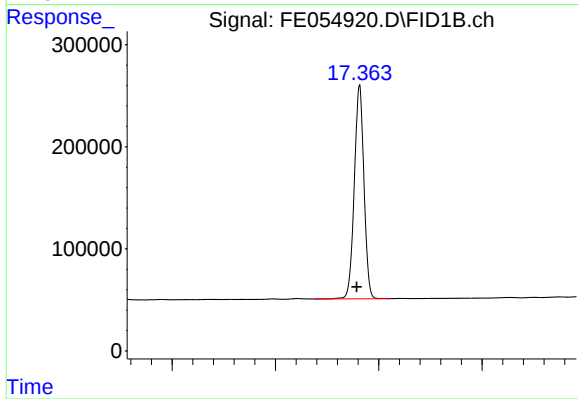
#14 n-Tetracosane (C24)

R.T.: 15.387 min
Delta R.T.: 0.005 min
Response: 2681434
Conc: 18.45 ug/ml



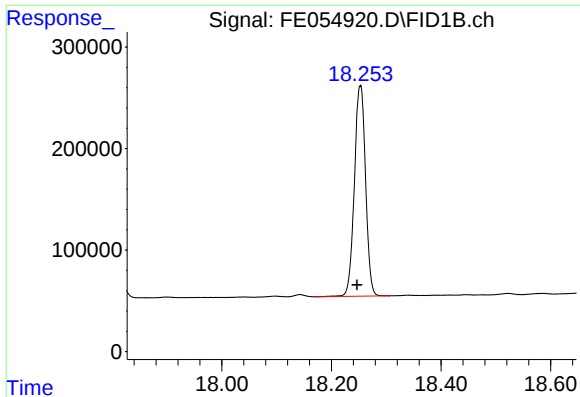
#15 n-Hexacosane (C26)

R.T.: 16.411 min
Delta R.T.: 0.006 min
Response: 2679892
Conc: 18.52 ug/ml



#16 n-Octacosane (C28)

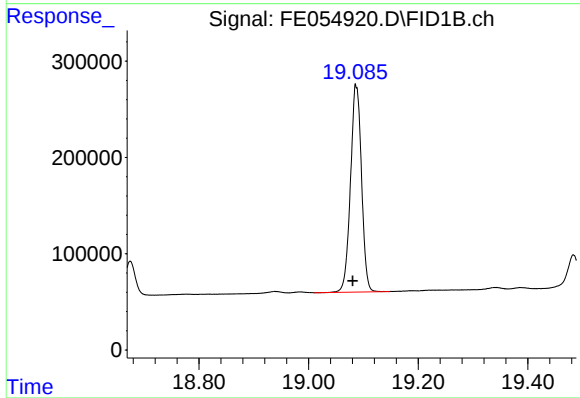
R.T.: 17.363 min
Delta R.T.: 0.005 min
Response: 2721268
Conc: 18.67 ug/ml



#17 n-Tricontane (C30)

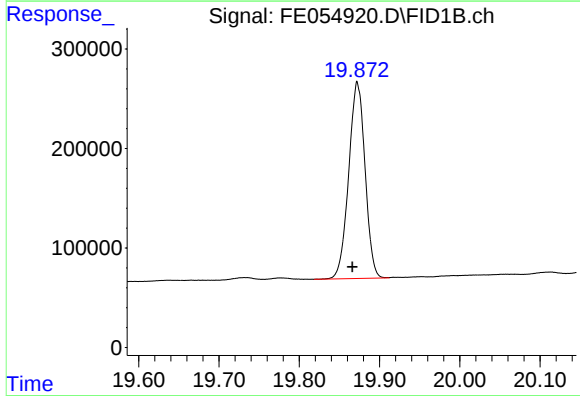
R.T.: 18.253 min
Delta R.T.: 0.006 min
Response: 2938784
Conc: 18.65 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



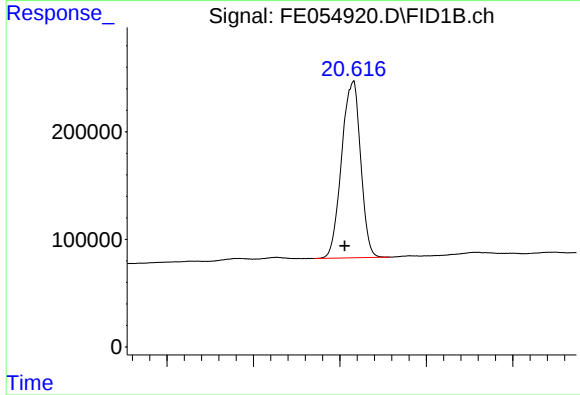
#18 n-Dotriacontane (C32)

R.T.: 19.087 min
Delta R.T.: 0.006 min
Response: 3004190
Conc: 18.57 ug/ml



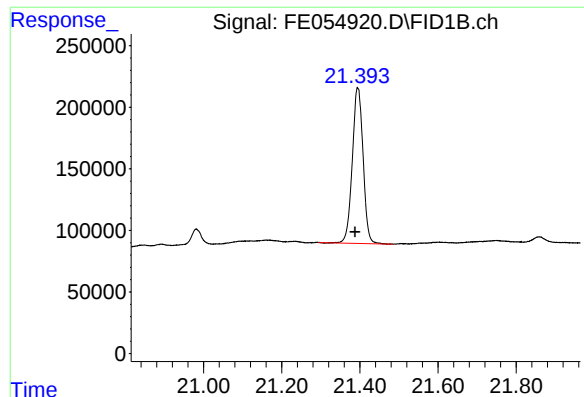
#19 n-Tetratriacontane (C34)

R.T.: 19.873 min
Delta R.T.: 0.006 min
Response: 2794242
Conc: 18.34 ug/ml



#20 n-Hexatriacontane (C36)

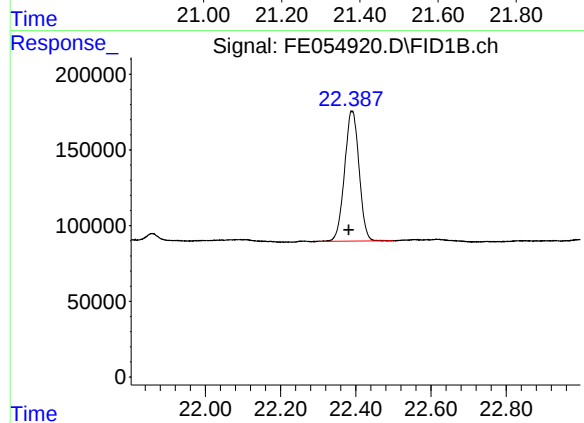
R.T.: 20.615 min
Delta R.T.: 0.009 min
Response: 2506357
Conc: 18.64 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.395 min
Delta R.T.: 0.007 min
Response: 2424730
Conc: 20.67 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.390 min
Delta R.T.: 0.009 min
Response: 2300390
Conc: 21.22 ug/ml