

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE043024AL\
 Data File : FE047877.D
 Signal(s) : FID1B.ch
 Acq On : 30 Apr 2024 11:44
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Apr 30 14:28:10 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042724.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 29 03:29:12 2024
 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)	11.971	3030028	21.003 ug/ml
Spiked Amount 50.000		Recovery =	42.01%
12) S 1-chlorooctadecane (S...	13.406	2336710	20.912 ug/ml
Spiked Amount 50.000		Recovery =	41.82%
Target Compounds			
1) T n-Nonane (C9)	3.351	2692160	20.889 ug/ml
2) T n-Decane (C10)	4.604	2770299	21.042 ug/ml
3) T A~Naphthalene (C11.7)	6.312	2919361	21.142 ug/ml
4) T n-Dodecane (C12)	6.771	2794281	20.960 ug/ml
5) T A~2-methylnaphthalene...	7.408	2810922	21.123 ug/ml
6) T n-Tetradecane (C14)	8.599	2764810	20.863 ug/ml
7) T n-Hexadecane (C16)	10.207	2884203	20.971 ug/ml
8) T n-Octadecane (C18)	11.650	2929794	21.033 ug/ml
10) T n-Eicosane (C20)	12.960	2844460	21.126 ug/ml
11) T n-Heneicosane (C21)	13.571	2775114	20.964 ug/ml
13) T n-Docosane (C22)	14.157	2833555	21.382 ug/ml
14) T n-Tetracosane (C24)	15.259	2945757	22.123 ug/ml
15) T n-Hexacosane (C26)	16.280	3019771	22.630 ug/ml
16) T n-Octacosane (C28)	17.230	3115459	23.399 ug/ml
17) T n-Tricontane (C30)	18.116	3258592	23.611 ug/ml
18) T n-Dotriacontane (C32)	18.948	3218456	23.301 ug/ml
19) T n-Tetratriacontane (C34)	19.731	3015604	22.137 ug/ml
20) T n-Hexatriacontane (C36)	20.470	2899973	21.418 ug/ml
21) T n-Octatriacontane (C38)	21.213	2867847	20.771 ug/ml
22) T n-Tetracontane (C40)	22.138	2852045	20.471 ug/ml

(f)=RT Delta > 1/2 Window

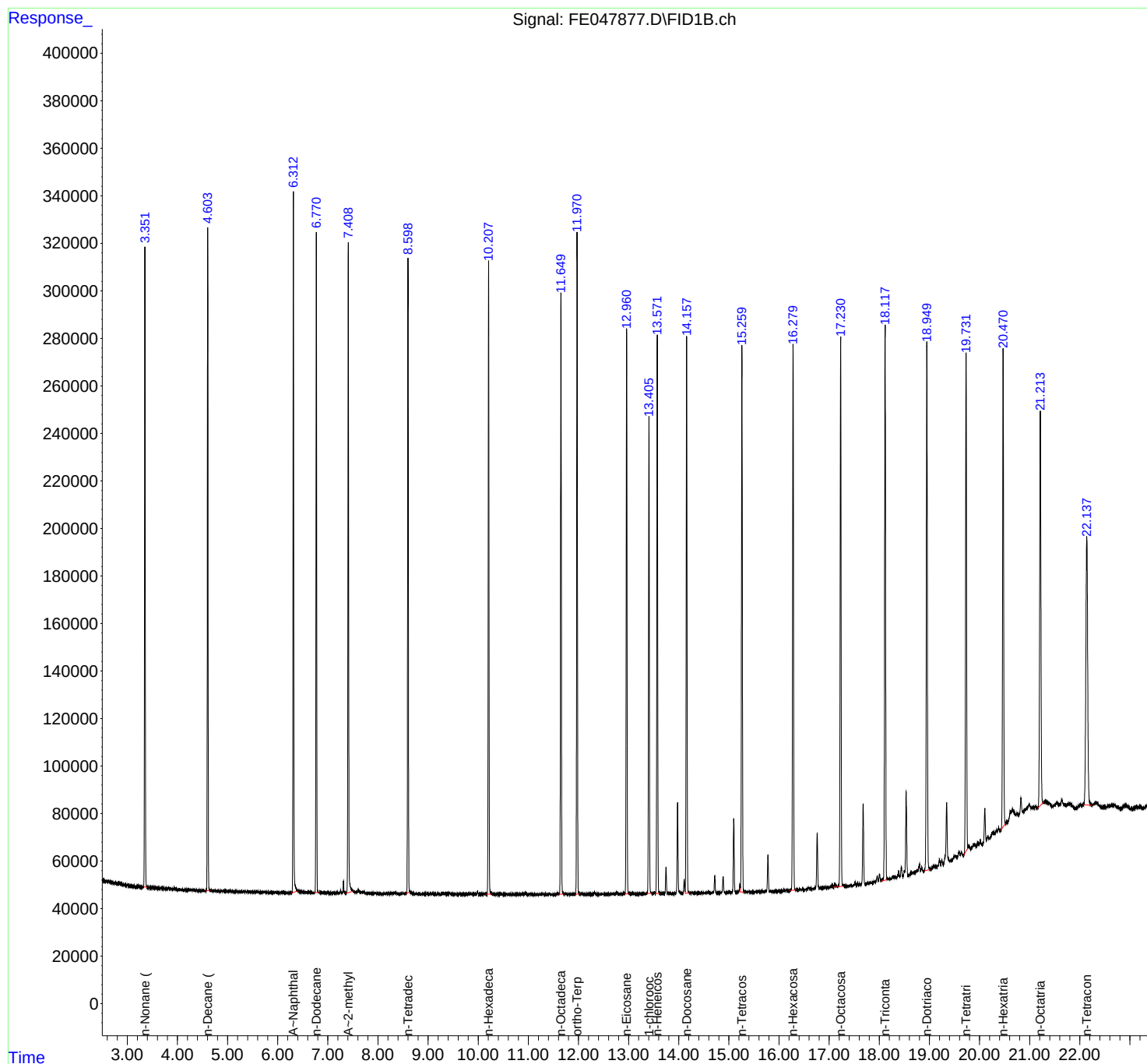
(m)=manual int.

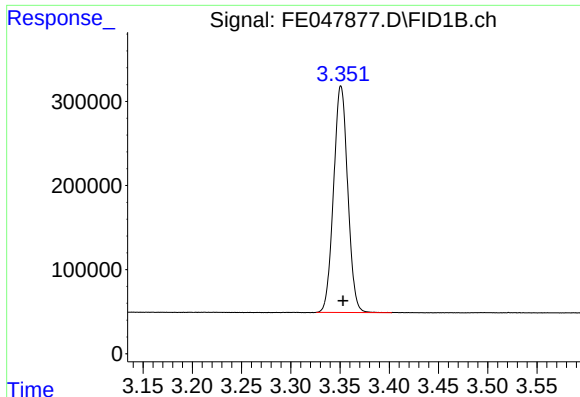
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE043024AL\
Data File : FE047877.D
Signal(s) : FID1B.ch
Acq On : 30 Apr 2024 11:44
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
Quant Time: Apr 30 14:28:10 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042724.M
Quant Title : GC Extractables
QLast Update : Mon Apr 29 03:29:12 2024
Response via : Initial Calibration
Integrator: ChemStation

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

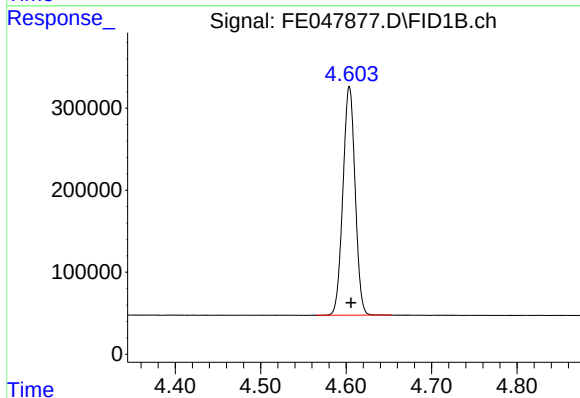




#1 n-Nonane (C9)

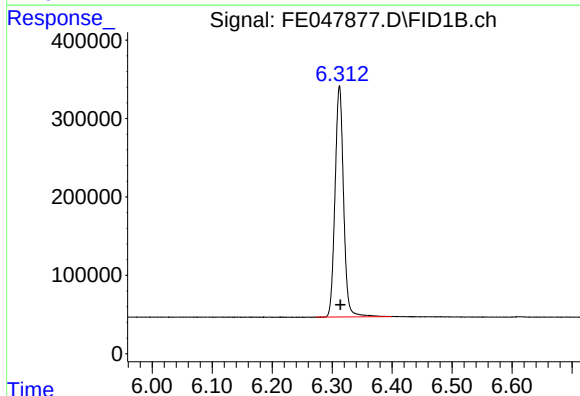
R.T.: 3.351 min
Delta R.T.: -0.002 min
Response: 2692160
Conc: 20.89 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



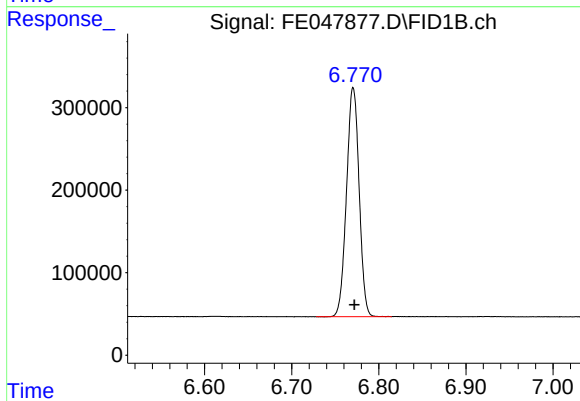
#2 n-Decane (C10)

R.T.: 4.604 min
Delta R.T.: -0.002 min
Response: 2770299
Conc: 21.04 ug/ml



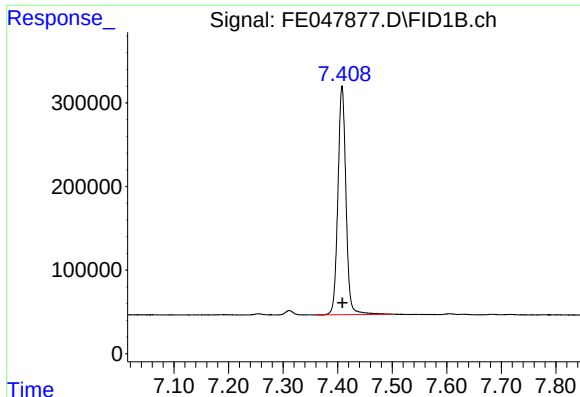
#3 A~Naphthalene (C11.7)

R.T.: 6.312 min
Delta R.T.: -0.001 min
Response: 2919361
Conc: 21.14 ug/ml



#4 n-Dodecane (C12)

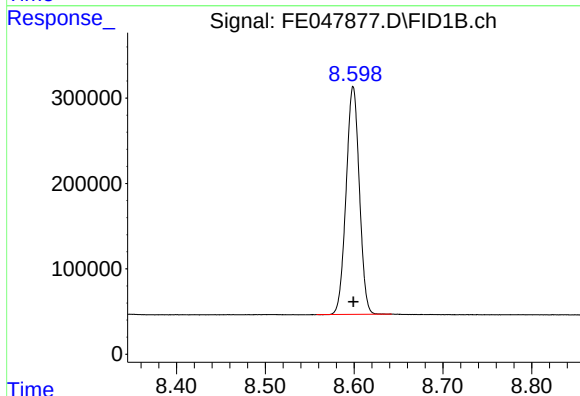
R.T.: 6.771 min
Delta R.T.: -0.001 min
Response: 2794281
Conc: 20.96 ug/ml



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

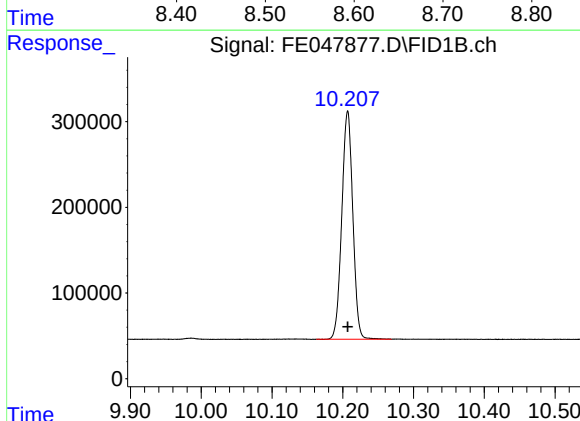
R.T.: 7.408 min
Delta R.T.: 0.000 min
Response: 2810922
Conc: 21.12 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



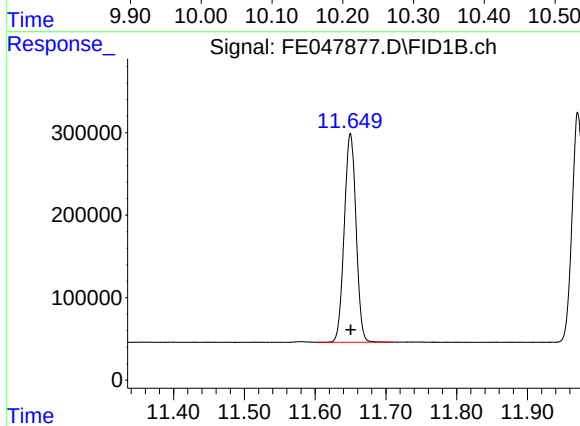
#6 n-Tetradecane (C14)

R.T.: 8.599 min
Delta R.T.: 0.000 min
Response: 2764810
Conc: 20.86 ug/ml



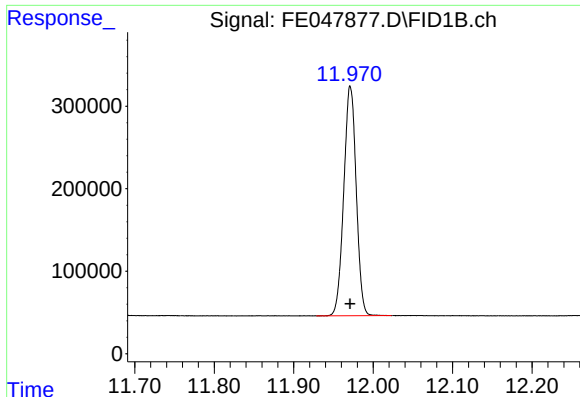
#7 n-Hexadecane (C16)

R.T.: 10.207 min
Delta R.T.: 0.000 min
Response: 2884203
Conc: 20.97 ug/ml



#8 n-Octadecane (C18)

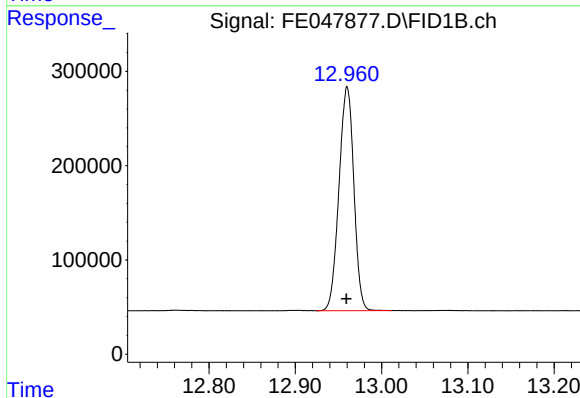
R.T.: 11.650 min
Delta R.T.: 0.000 min
Response: 2929794
Conc: 21.03 ug/ml



#9 ortho-Terphenyl (SURR)

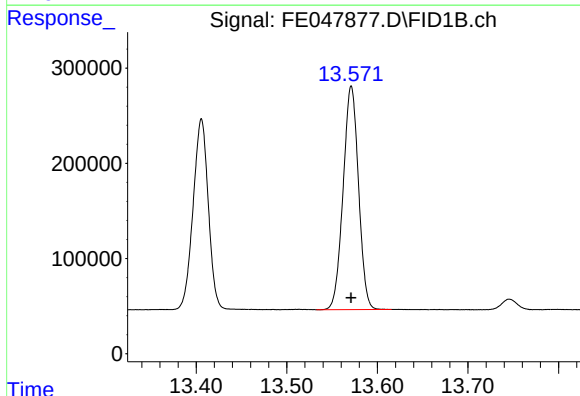
R.T.: 11.971 min
Delta R.T.: 0.000 min
Response: 3030028
Conc: 21.00 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



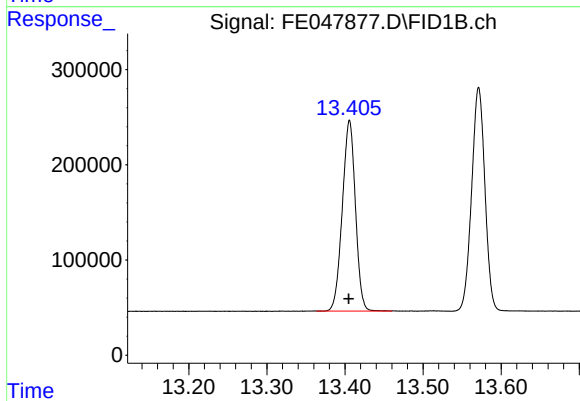
#10 n-Eicosane (C20)

R.T.: 12.960 min
Delta R.T.: 0.000 min
Response: 2844460
Conc: 21.13 ug/ml



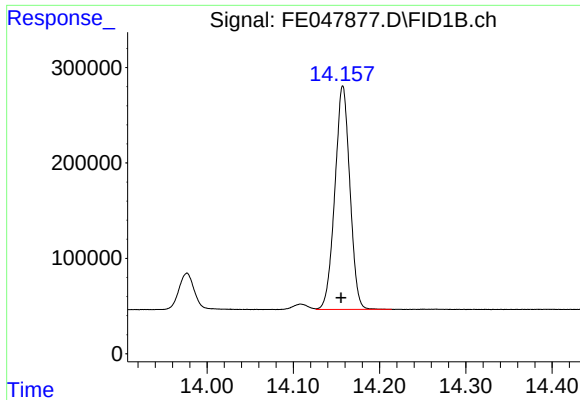
#11 n-Heneicosane (C21)

R.T.: 13.571 min
Delta R.T.: 0.000 min
Response: 2775114
Conc: 20.96 ug/ml



#12 1-chlorooctadecane (SURR)

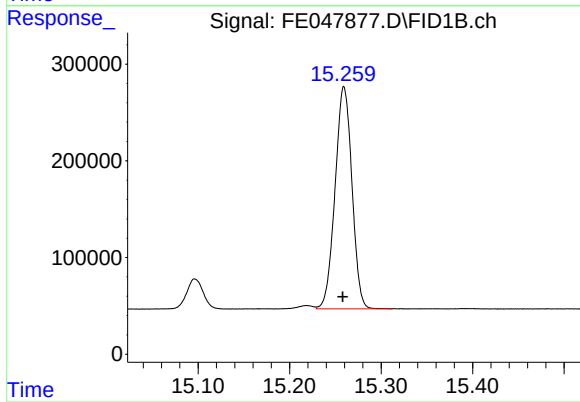
R.T.: 13.406 min
Delta R.T.: 0.000 min
Response: 2336710
Conc: 20.91 ug/ml



#13 n-Docosane (C22)

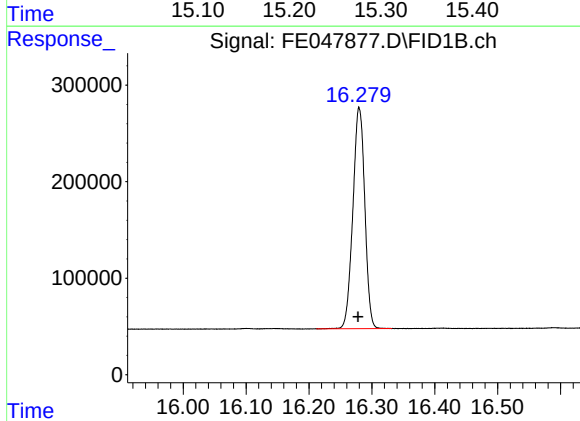
R.T.: 14.157 min
Delta R.T.: 0.002 min
Response: 2833555
Conc: 21.38 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



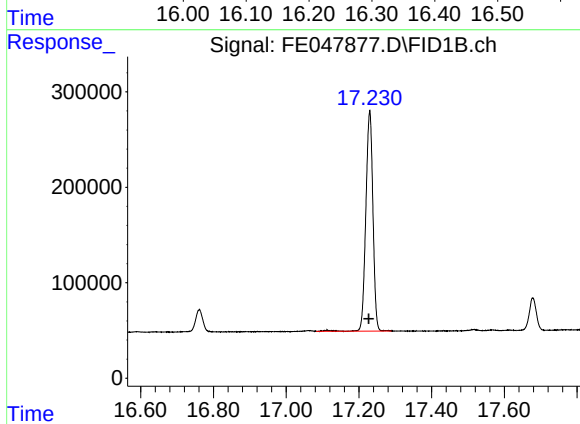
#14 n-Tetracosane (C24)

R.T.: 15.259 min
Delta R.T.: 0.001 min
Response: 2945757
Conc: 22.12 ug/ml



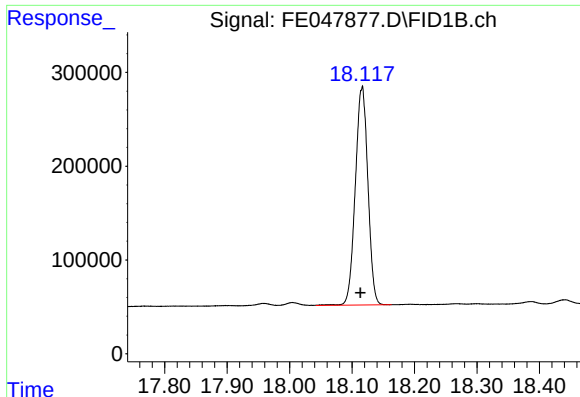
#15 n-Hexacosane (C26)

R.T.: 16.280 min
Delta R.T.: 0.002 min
Response: 3019771
Conc: 22.63 ug/ml



#16 n-Octacosane (C28)

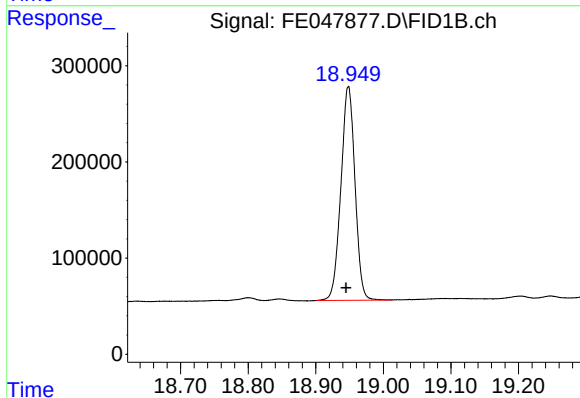
R.T.: 17.230 min
Delta R.T.: 0.003 min
Response: 3115459
Conc: 23.40 ug/ml



#17 n-Tricontane (C30)

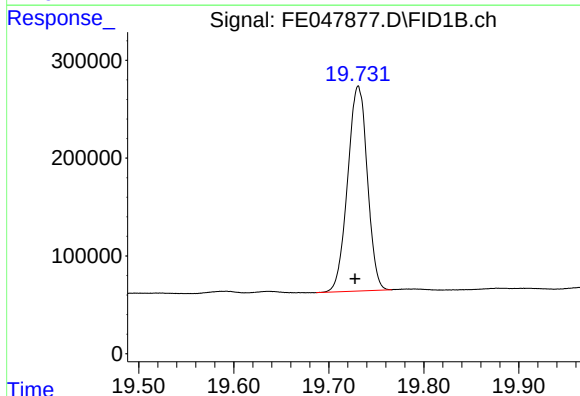
R.T.: 18.116 min
Delta R.T.: 0.003 min
Response: 3258592
Conc: 23.61 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



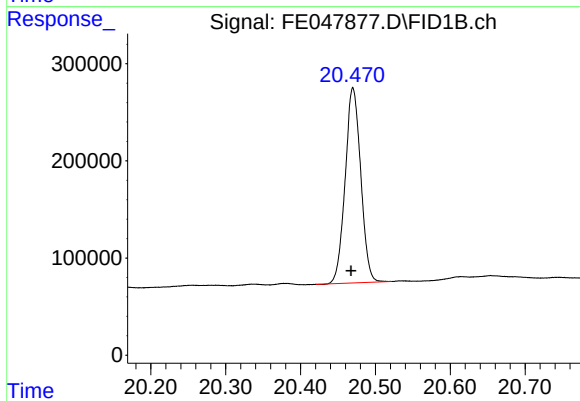
#18 n-Dotriacontane (C32)

R.T.: 18.948 min
Delta R.T.: 0.003 min
Response: 3218456
Conc: 23.30 ug/ml



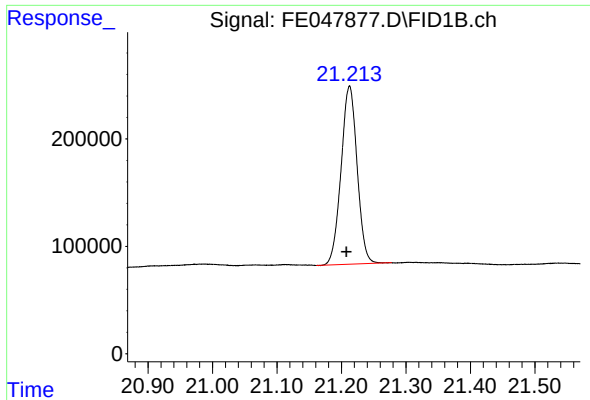
#19 n-Tetratriacontane (C34)

R.T.: 19.731 min
Delta R.T.: 0.003 min
Response: 3015604
Conc: 22.14 ug/ml



#20 n-Hexatriacontane (C36)

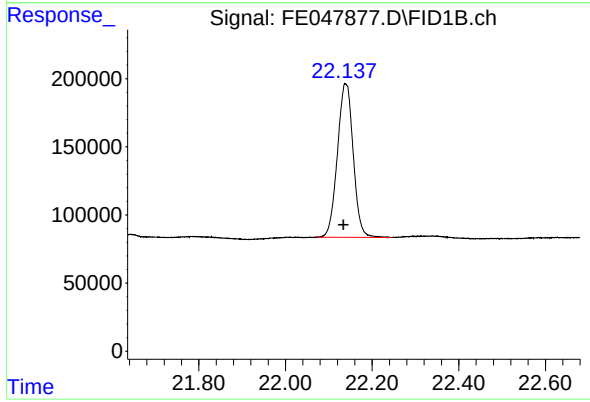
R.T.: 20.470 min
Delta R.T.: 0.003 min
Response: 2899973
Conc: 21.42 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.213 min
Delta R.T.: 0.005 min
Response: 2867847
Conc: 20.77 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.138 min
Delta R.T.: 0.004 min
Response: 2852045
Conc: 20.47 ug/ml