

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE053023AL\
 Data File : FE042279.D
 Signal(s) : FID1B.ch
 Acq On : 30 May 2023 14:29
 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: May 31 01:53:04 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051823.M
 Quant Title : GC Extractables
 QLast Update : Thu May 18 06:27:12 2023
 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)	11.957	3425297	19.398 ug/ml
Spiked Amount 50.000		Recovery =	38.80%
12) S 1-chlorooctadecane (S...	13.393	2515118	18.928 ug/ml
Spiked Amount 50.000		Recovery =	37.86%
Target Compounds			
1) T n-Nonane (C9)	3.339	2811217	19.496 ug/ml
2) T n-Decane (C10)	4.590	2901574	19.600 ug/ml
3) T A~Naphthalene (C11.7)	6.298	3185713	19.525 ug/ml
4) T n-Dodecane (C12)	6.758	2947447	19.656 ug/ml
5) T A~2-methylnaphthalene...	7.394	3066026	19.319 ug/ml
6) T n-Tetradecane (C14)	8.587	2924671	19.523 ug/ml
7) T n-Hexadecane (C16)	10.194	3029361	19.448 ug/ml
8) T n-Octadecane (C18)	11.638	3061725	19.362 ug/ml
10) T n-Eicosane (C20)	12.947	2925342	19.299 ug/ml
11) T n-Heneicosane (C21)	13.558	2853487	19.260 ug/ml
13) T n-Docosane (C22)	14.145	2801782	19.112 ug/ml
14) T n-Tetracosane (C24)	15.248	2752720	19.069 ug/ml
15) T n-Hexacosane (C26)	16.270	2676007	19.322 ug/ml
16) T n-Octacosane (C28)	17.218	2634795	19.680 ug/ml
17) T n-Tricontane (C30)	18.105	2767564	20.502 ug/ml
18) T n-Dotriacontane (C32)	18.938	2748429	20.573 ug/ml
19) T n-Tetratriacontane (C34)	19.722	2600940	19.777 ug/ml
20) T n-Hexatriacontane (C36)	20.461	2479181	19.075 ug/ml
21) T n-Octatriacontane (C38)	21.211	2483456	18.305 ug/ml
22) T n-Tetracontane (C40)	22.144	2520435	18.117 ug/ml

(f)=RT Delta > 1/2 Window

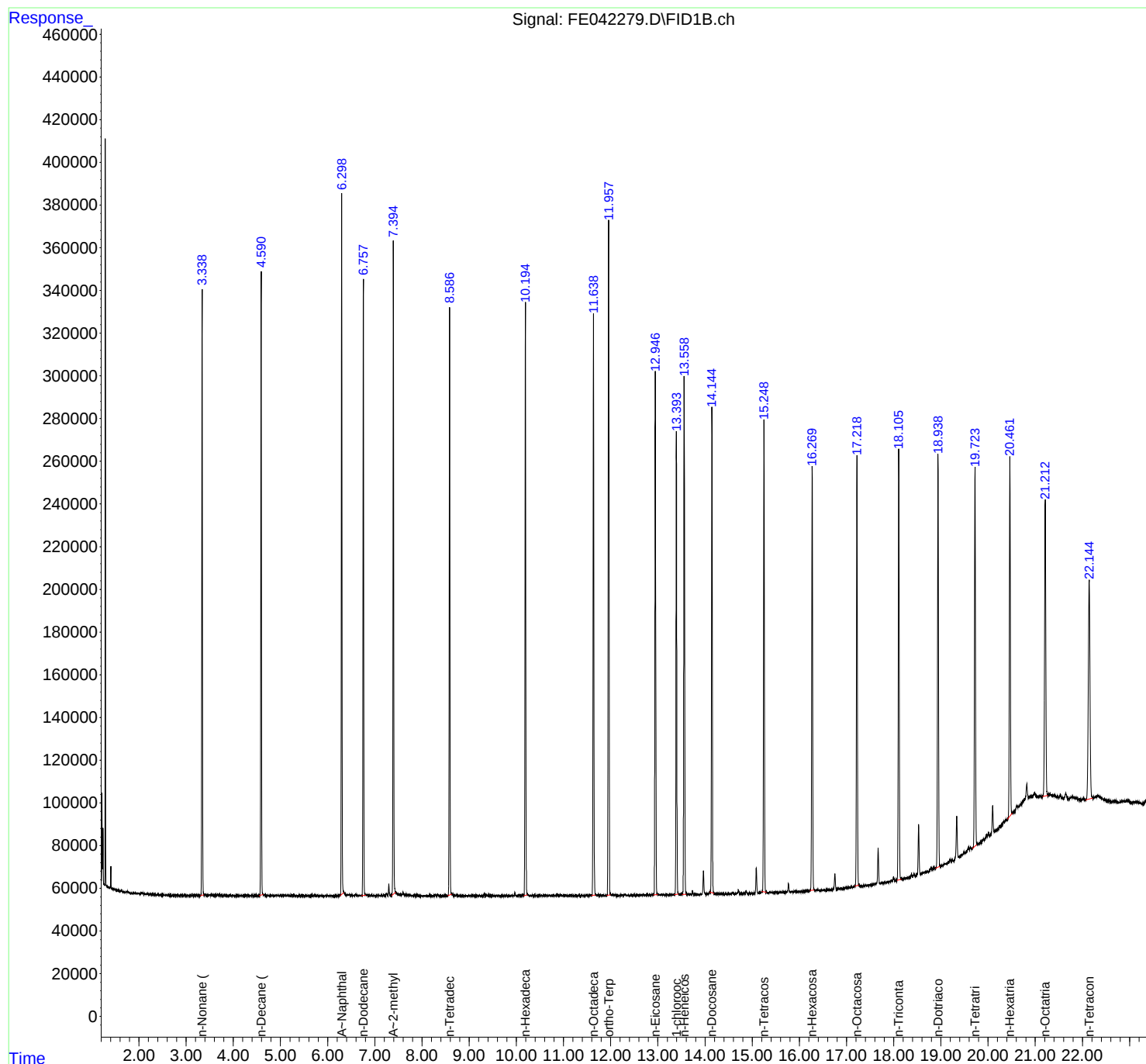
(m)=manual int.

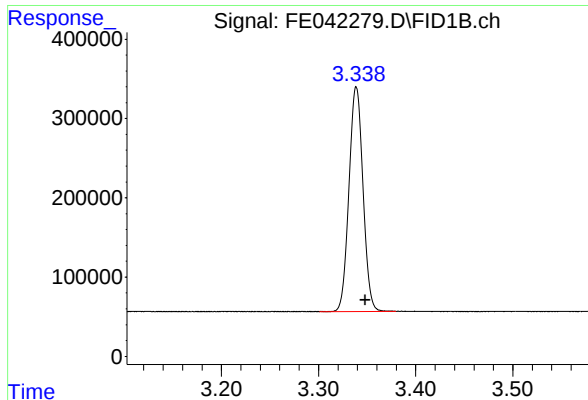
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE053023AL\
Data File : FE042279.D
Signal(s) : FID1B.ch
Acq On : 30 May 2023 14:29
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
Quant Time: May 31 01:53:04 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051823.M
Quant Title : GC Extractables
QLast Update : Thu May 18 06:27:12 2023
Response via : Initial Calibration
Integrator: ChemStation

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

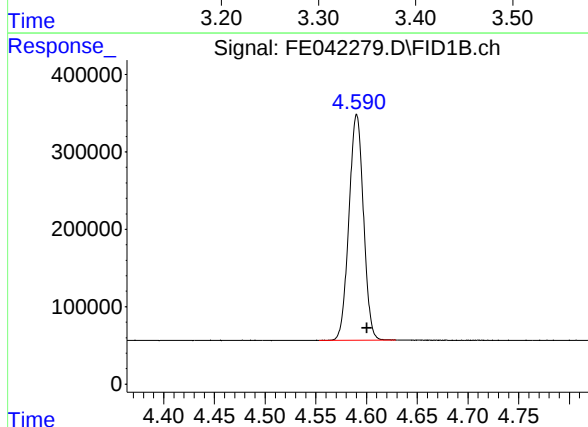




#1 n-Nonane (C9)

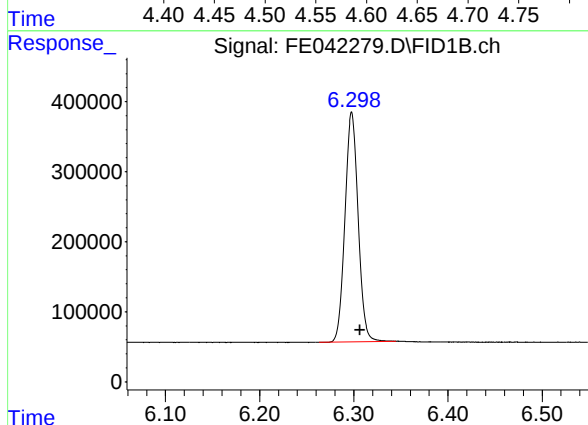
R.T.: 3.339 min
Delta R.T.: -0.009 min
Response: 2811217
Conc: 19.50 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



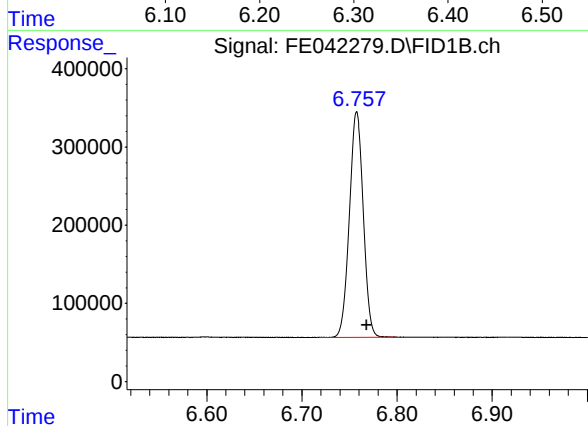
#2 n-Decane (C10)

R.T.: 4.590 min
Delta R.T.: -0.010 min
Response: 2901574
Conc: 19.60 ug/ml



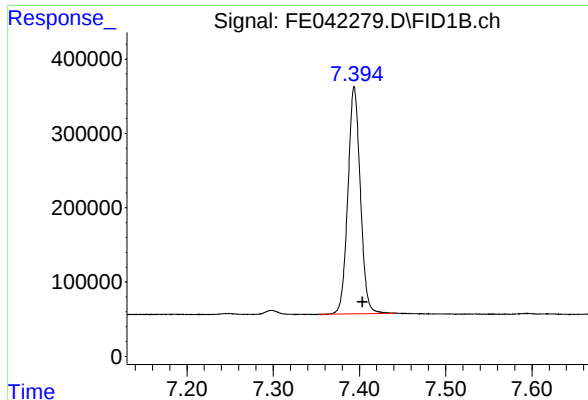
#3 A~Naphthalene (C11.7)

R.T.: 6.298 min
Delta R.T.: -0.009 min
Response: 3185713
Conc: 19.53 ug/ml



#4 n-Dodecane (C12)

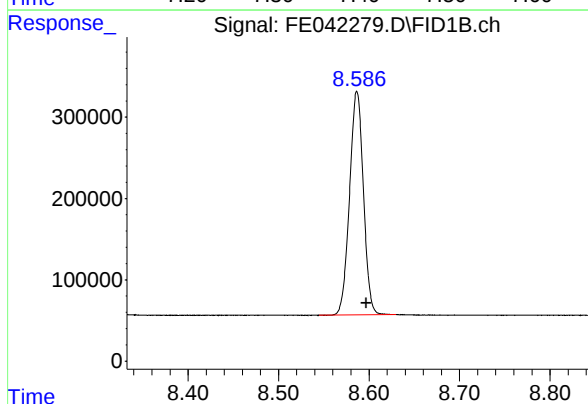
R.T.: 6.758 min
Delta R.T.: -0.011 min
Response: 2947447
Conc: 19.66 ug/ml



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

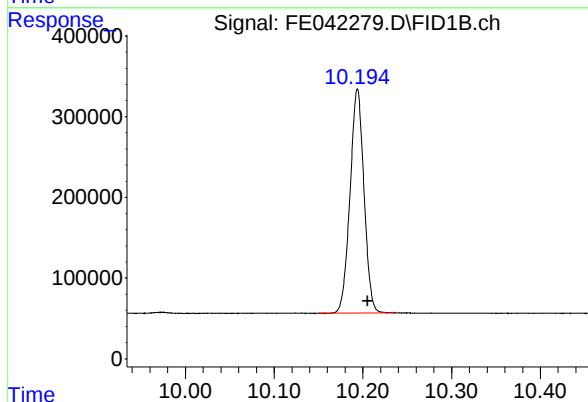
R.T.: 7.394 min
Delta R.T.: -0.010 min
Response: 3066026
Conc: 19.32 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



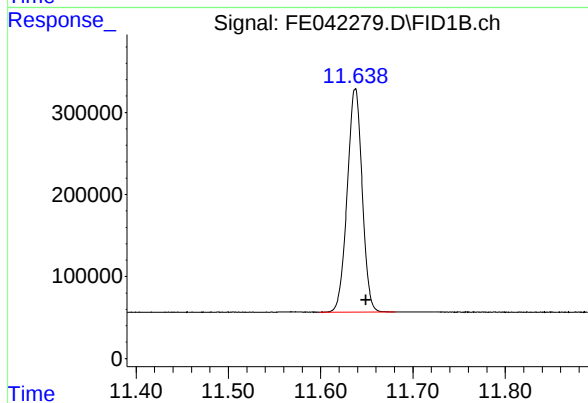
#6 n-Tetradecane (C14)

R.T.: 8.587 min
Delta R.T.: -0.011 min
Response: 2924671
Conc: 19.52 ug/ml



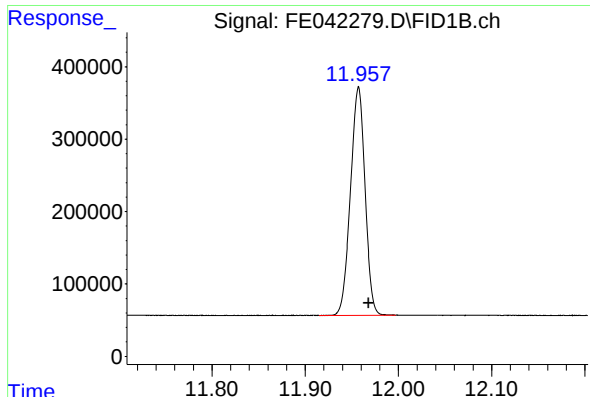
#7 n-Hexadecane (C16)

R.T.: 10.194 min
Delta R.T.: -0.011 min
Response: 3029361
Conc: 19.45 ug/ml



#8 n-Octadecane (C18)

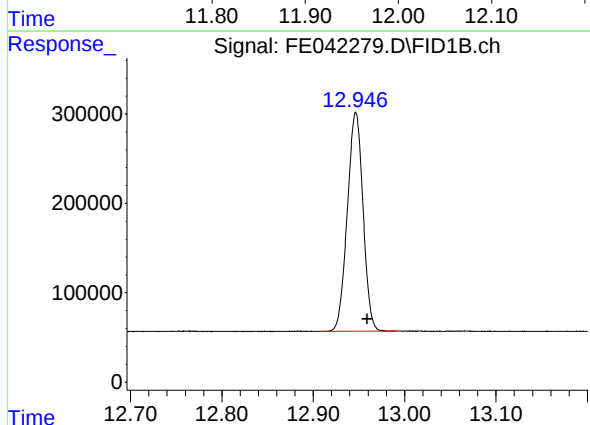
R.T.: 11.638 min
Delta R.T.: -0.012 min
Response: 3061725
Conc: 19.36 ug/ml



#9 ortho-Terphenyl (SURR)

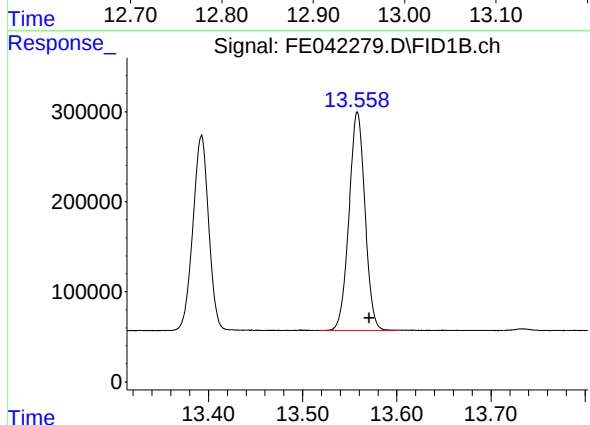
R.T.: 11.957 min
Delta R.T.: -0.011 min
Response: 3425297
Conc: 19.40 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



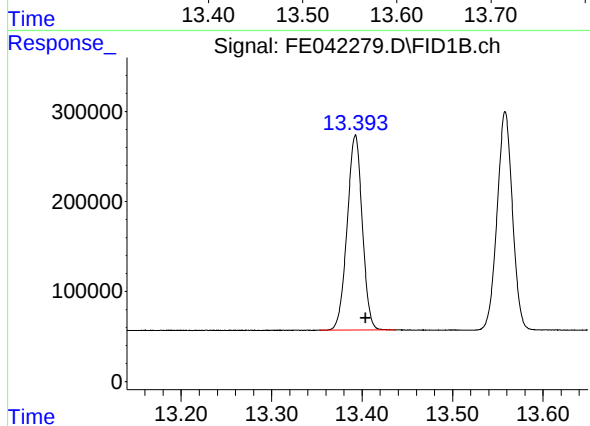
#10 n-Eicosane (C20)

R.T.: 12.947 min
Delta R.T.: -0.012 min
Response: 2925342
Conc: 19.30 ug/ml



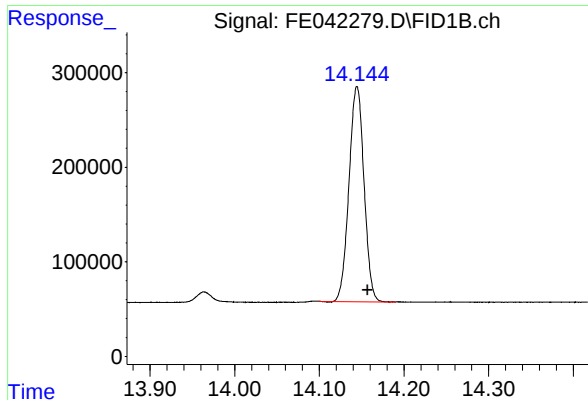
#11 n-Heneicosane (C21)

R.T.: 13.558 min
Delta R.T.: -0.013 min
Response: 2853487
Conc: 19.26 ug/ml



#12 1-chlorooctadecane (SURR)

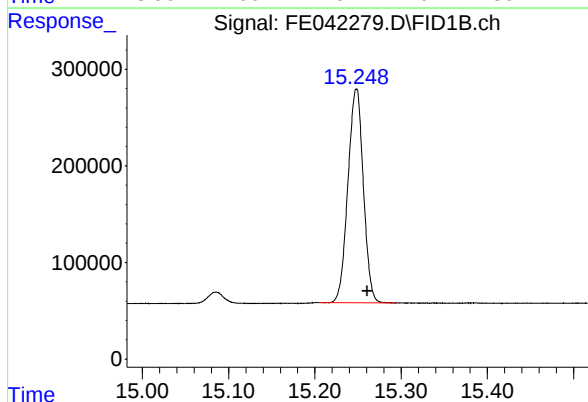
R.T.: 13.393 min
Delta R.T.: -0.011 min
Response: 2515118
Conc: 18.93 ug/ml



#13 n-Docosane (C22)

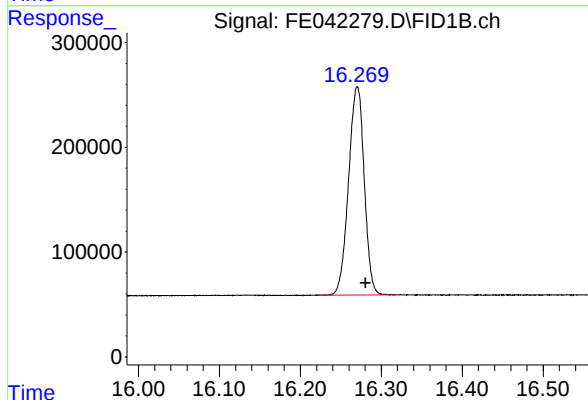
R.T.: 14.145 min
Delta R.T.: -0.012 min
Response: 2801782
Conc: 19.11 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



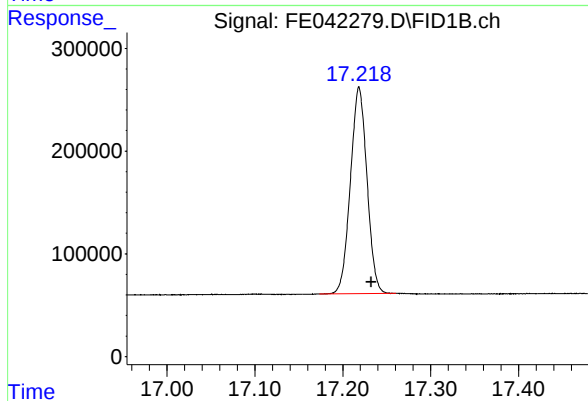
#14 n-Tetracosane (C24)

R.T.: 15.248 min
Delta R.T.: -0.012 min
Response: 2752720
Conc: 19.07 ug/ml



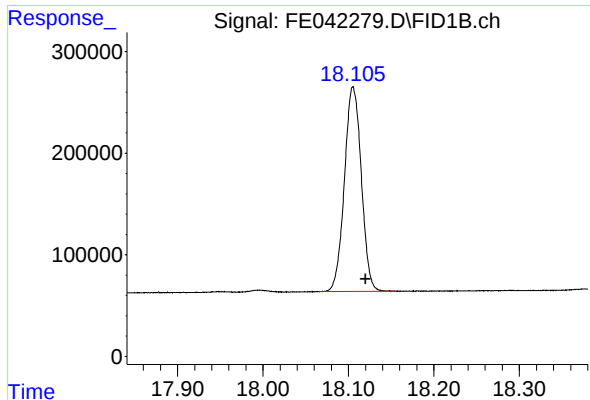
#15 n-Hexacosane (C26)

R.T.: 16.270 min
Delta R.T.: -0.011 min
Response: 2676007
Conc: 19.32 ug/ml



#16 n-Octacosane (C28)

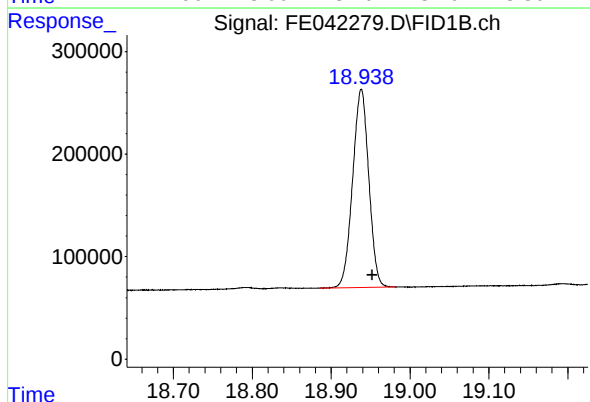
R.T.: 17.218 min
Delta R.T.: -0.014 min
Response: 2634795
Conc: 19.68 ug/ml



#17 n-Tricontane (C30)

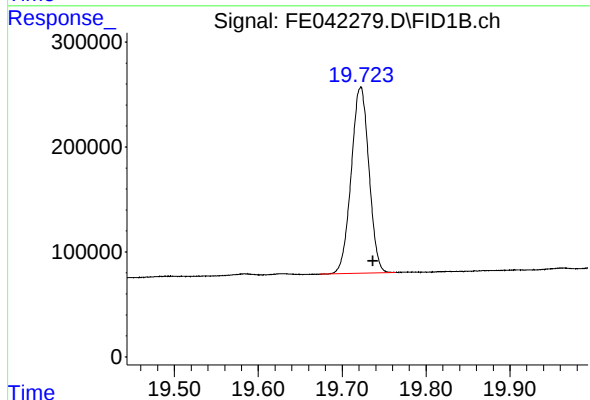
R.T.: 18.105 min
Delta R.T.: -0.014 min
Response: 2767564
Conc: 20.50 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



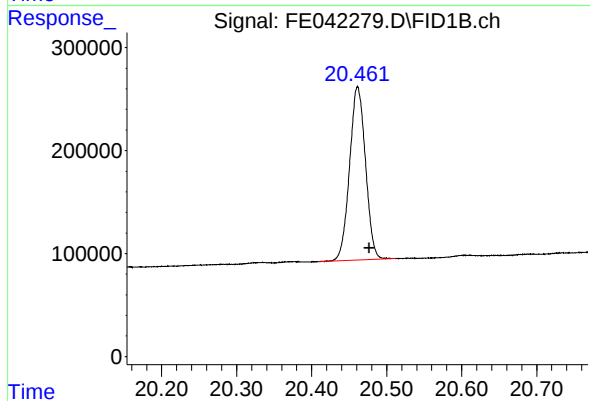
#18 n-Dotriacontane (C32)

R.T.: 18.938 min
Delta R.T.: -0.014 min
Response: 2748429
Conc: 20.57 ug/ml



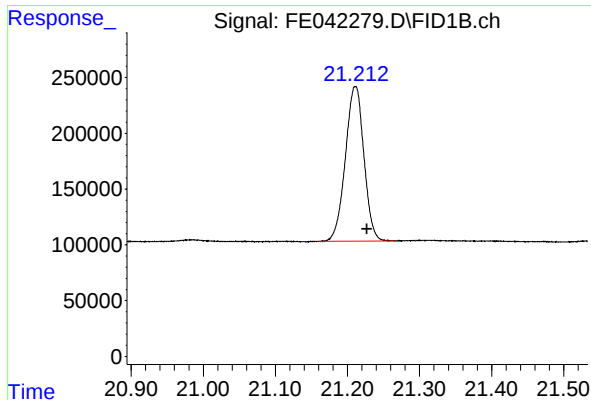
#19 n-Tetatriacontane (C34)

R.T.: 19.722 min
Delta R.T.: -0.014 min
Response: 2600940
Conc: 19.78 ug/ml



#20 n-Hexatriacontane (C36)

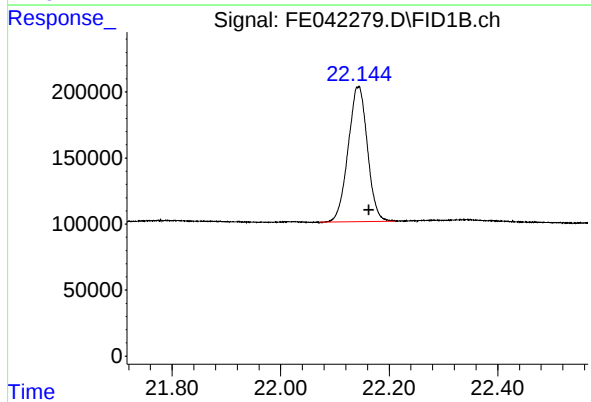
R.T.: 20.461 min
Delta R.T.: -0.016 min
Response: 2479181
Conc: 19.07 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.211 min
Delta R.T.: -0.016 min
Response: 2483456
Conc: 18.30 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.144 min
Delta R.T.: -0.019 min
Response: 2520435
Conc: 18.12 ug/ml