

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE112725AL\
 Data File : FE057080.D
 Signal(s) : FID1B.ch
 Acq On : 27 Nov 2025 12:47
 Operator : YP\AJ
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 50 PPM ALIPHATIC HC STD2

Integration File: sample.E
 Quant Time: Dec 01 07:58:12 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 112725.M
 Quant Title : GC Extractables
 QLast Update : Mon Dec 01 07:57:16 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)	11.945	11338527	51.700 ug/ml
Spiked Amount 50.000		Recovery =	103.40%
12) S 1-chlorooctadecane (S...	13.382	8686353	51.972 ug/ml
Spiked Amount 50.000		Recovery =	103.94%
Target Compounds			
1) T n-Nonane (C9)	3.301	10181724	52.037 ug/ml
2) T n-Decane (C10)	4.554	10507352	51.672 ug/ml
3) T A~Naphthalene (C11.7)	6.269	11023314	53.713 ug/ml
4) T n-Dodecane (C12)	6.727	10588539	51.671 ug/ml
5) T A~2-methylnaphthalene...	7.369	10490219	54.242 ug/ml
6) T n-Tetradecane (C14)	8.561	10501579	51.949 ug/ml
7) T n-Hexadecane (C16)	10.174	10724857	52.057 ug/ml
8) T n-Octadecane (C18)	11.622	10702524	51.834 ug/ml
10) T n-Eicosane (C20)	12.935	10128886	51.693 ug/ml
11) T n-Heneicosane (C21)	13.548	9877404	51.564 ug/ml
13) T n-Docosane (C22)	14.136	9855250	52.123 ug/ml
14) T n-Tetracosane (C24)	15.242	9936631	52.957 ug/ml
15) T n-Hexacosane (C26)	16.266	9814397	52.750 ug/ml
16) T n-Octacosane (C28)	17.219	9813282	51.506 ug/ml
17) T n-Tricontane (C30)	18.109	10211769	49.003 ug/ml
18) T n-Dotriacontane (C32)	18.944	10157241	46.997 ug/ml
19) T n-Tetratriacontane (C34)	19.730	9478160	46.731 ug/ml
20) T n-Hexatriacontane (C36)	20.472	8500505	47.390 ug/ml
21) T n-Octatriacontane (C38)	21.219	8187666	48.562 ug/ml
22) T n-Tetracontane (C40)	22.152	8205394	49.903 ug/ml

(f)=RT Delta > 1/2 Window

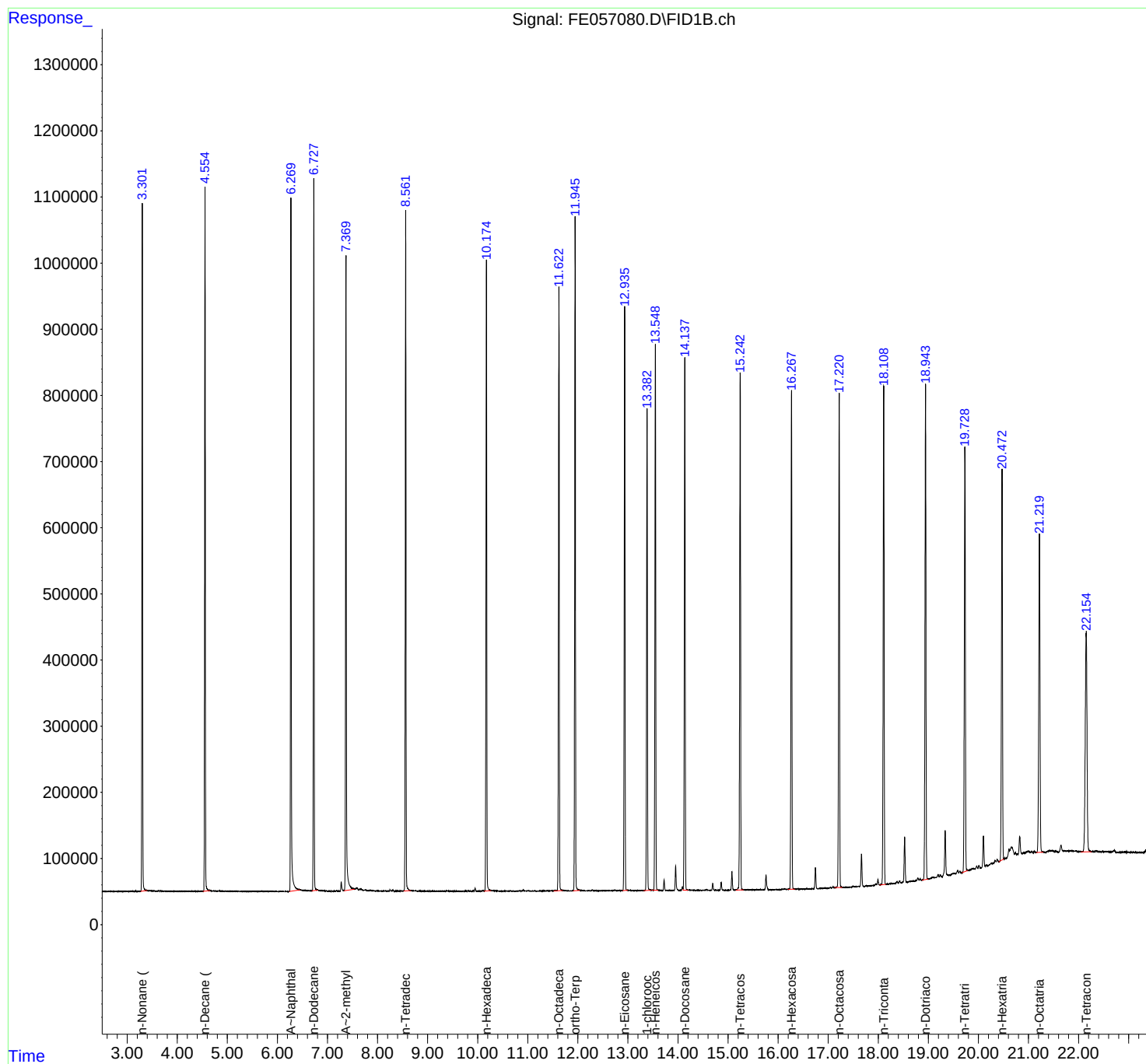
(m)=manual int.

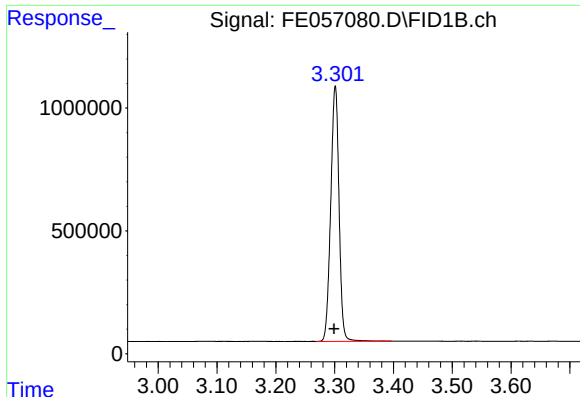
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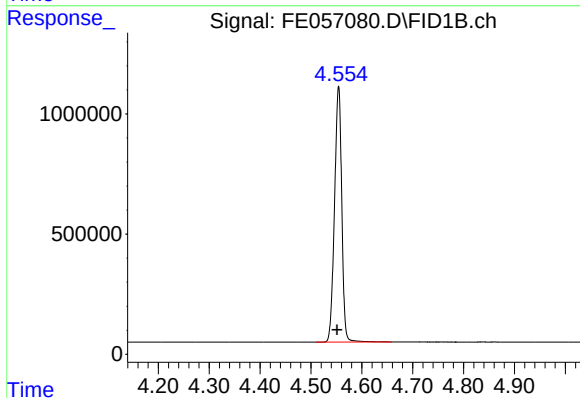




#1 n-Nonane (C9)

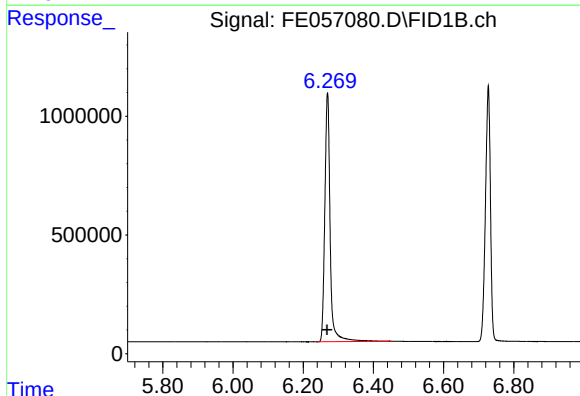
R.T.: 3.301 min
Delta R.T.: 0.002 min
Response: 10181724
Conc: 52.04 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2



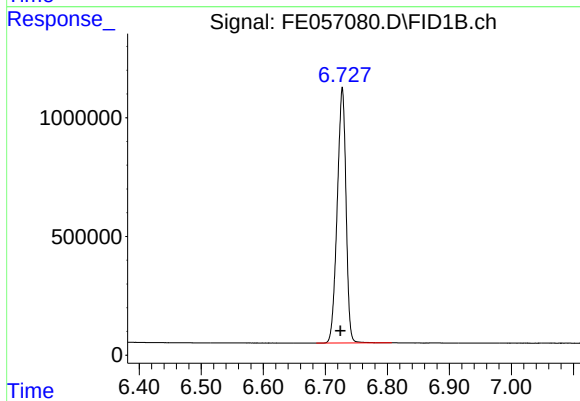
#2 n-Decane (C10)

R.T.: 4.554 min
Delta R.T.: 0.003 min
Response: 10507352
Conc: 51.67 ug/ml



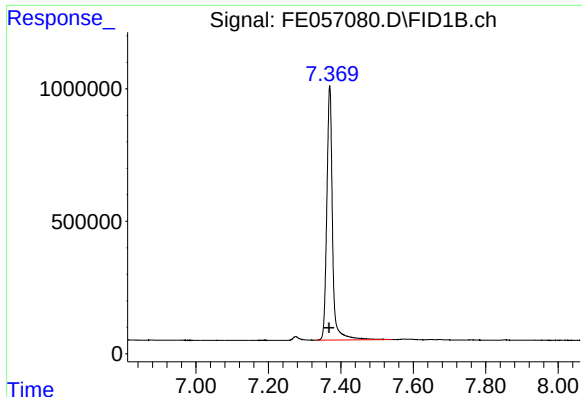
#3 A~Naphthalene (C11.7)

R.T.: 6.269 min
Delta R.T.: 0.001 min
Response: 11023314
Conc: 53.71 ug/ml



#4 n-Dodecane (C12)

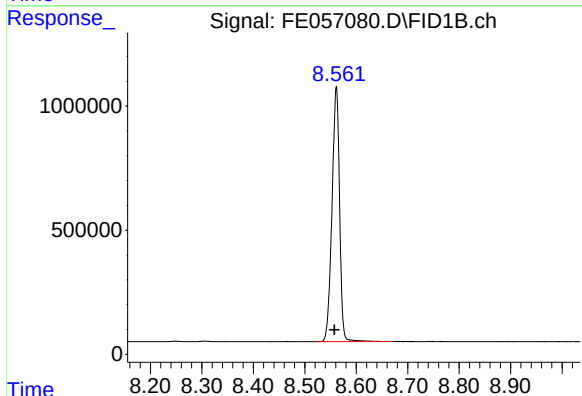
R.T.: 6.727 min
Delta R.T.: 0.003 min
Response: 10588539
Conc: 51.67 ug/ml



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

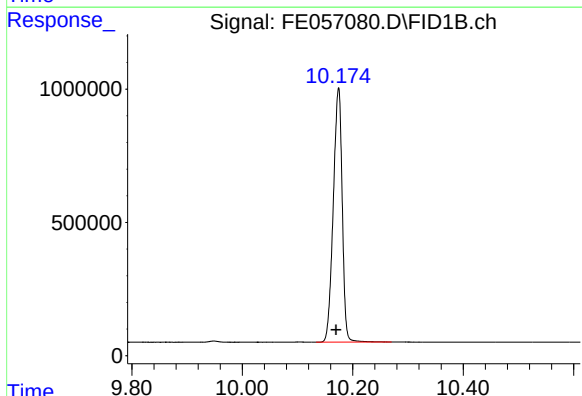
R.T.: 7.369 min
Delta R.T.: 0.002 min
Response: 10490219
Conc: 54.24 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2



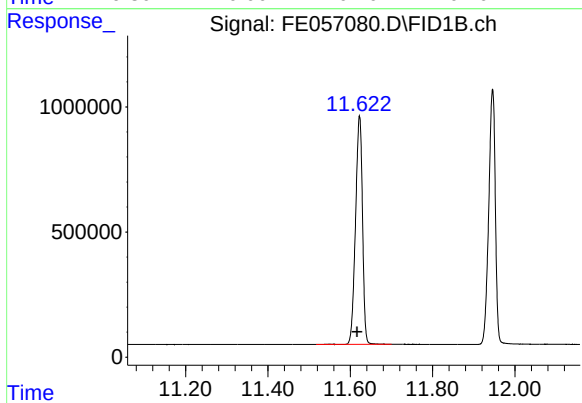
#6 n-Tetradecane (C14)

R.T.: 8.561 min
Delta R.T.: 0.003 min
Response: 10501579
Conc: 51.95 ug/ml



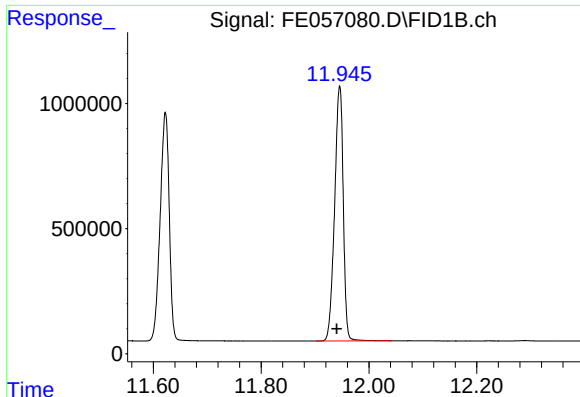
#7 n-Hexadecane (C16)

R.T.: 10.174 min
Delta R.T.: 0.004 min
Response: 10724857
Conc: 52.06 ug/ml



#8 n-Octadecane (C18)

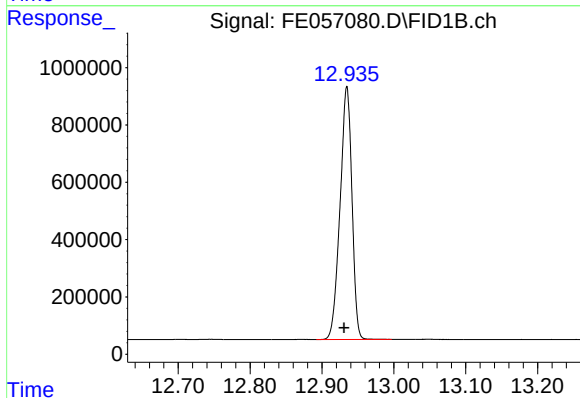
R.T.: 11.622 min
Delta R.T.: 0.005 min
Response: 10702524
Conc: 51.83 ug/ml



#9 ortho-Terphenyl (SURR)

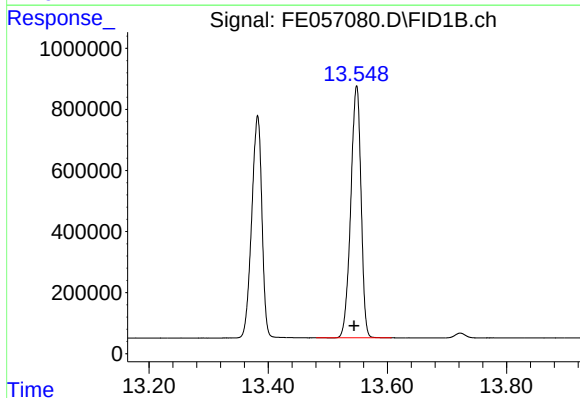
R.T.: 11.945 min
Delta R.T.: 0.006 min
Response: 11338527
Conc: 51.70 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2



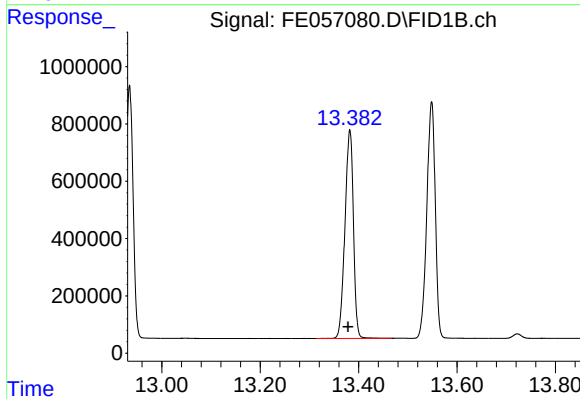
#10 n-Eicosane (C20)

R.T.: 12.935 min
Delta R.T.: 0.004 min
Response: 10128886
Conc: 51.69 ug/ml



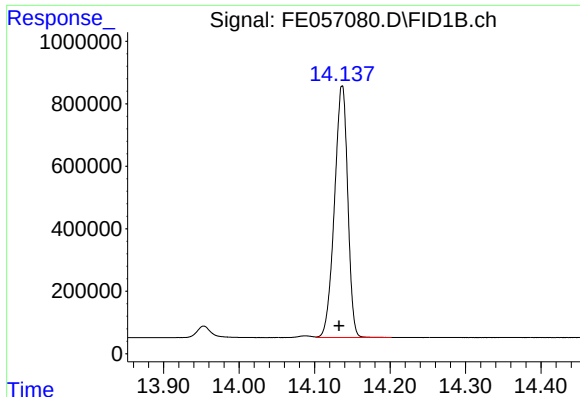
#11 n-Heneicosane (C21)

R.T.: 13.548 min
Delta R.T.: 0.004 min
Response: 9877404
Conc: 51.56 ug/ml



#12 1-chlorooctadecane (SURR)

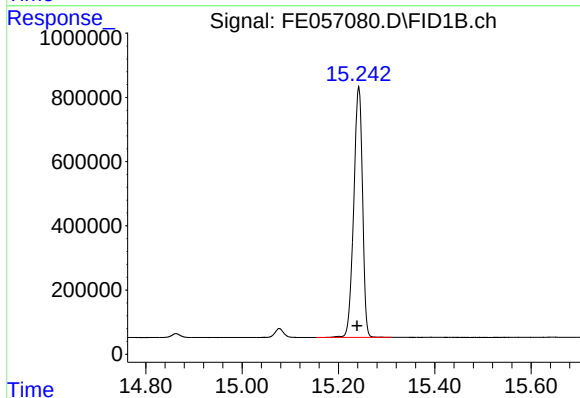
R.T.: 13.382 min
Delta R.T.: 0.004 min
Response: 8686353
Conc: 51.97 ug/ml



#13 n-Docosane (C22)

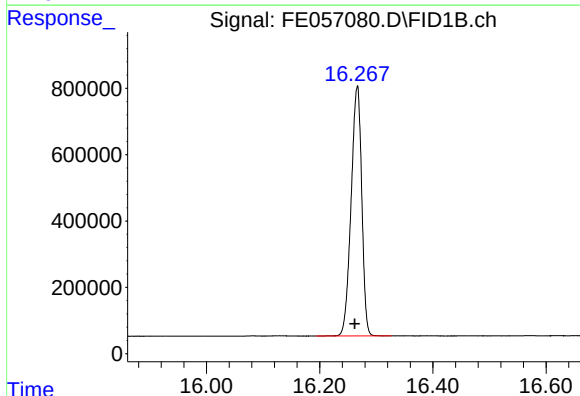
R.T.: 14.136 min
Delta R.T.: 0.004 min
Response: 9855250
Conc: 52.12 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2



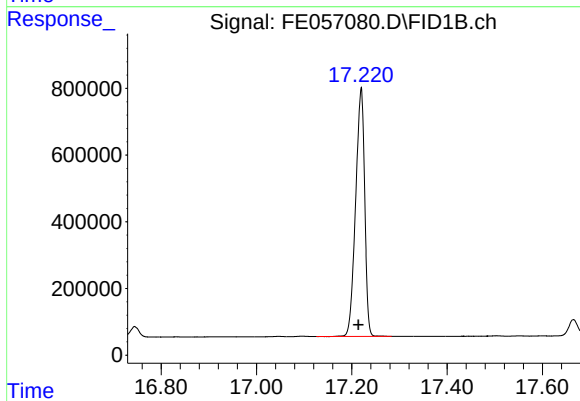
#14 n-Tetracosane (C24)

R.T.: 15.242 min
Delta R.T.: 0.004 min
Response: 9936631
Conc: 52.96 ug/ml



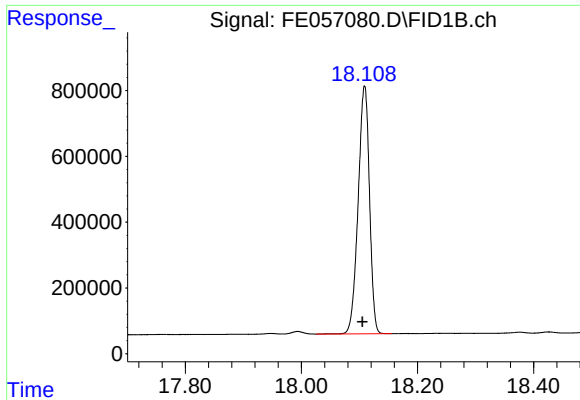
#15 n-Hexacosane (C26)

R.T.: 16.266 min
Delta R.T.: 0.004 min
Response: 9814397
Conc: 52.75 ug/ml



#16 n-Octacosane (C28)

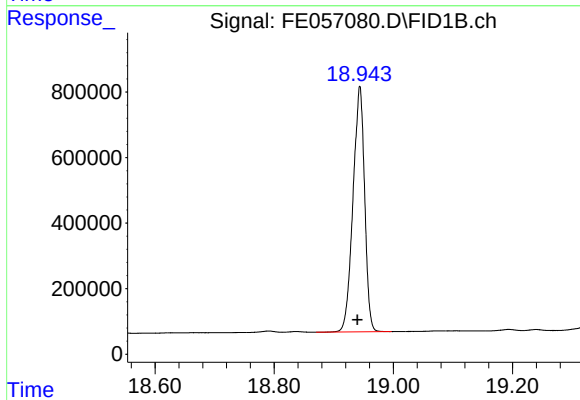
R.T.: 17.219 min
Delta R.T.: 0.005 min
Response: 9813282
Conc: 51.51 ug/ml



#17 n-Tricontane (C30)

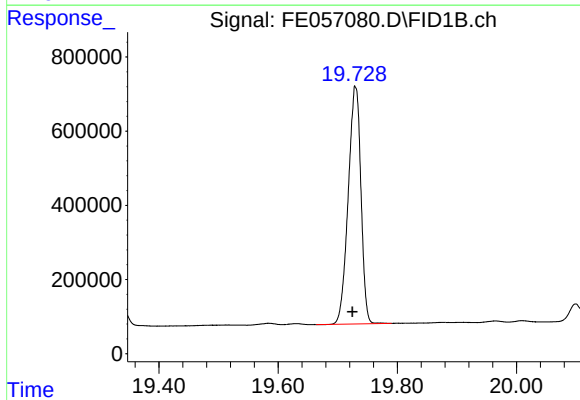
R.T.: 18.109 min
Delta R.T.: 0.004 min
Response: 10211769
Conc: 49.00 ug/ml

Instrument :
FID_E
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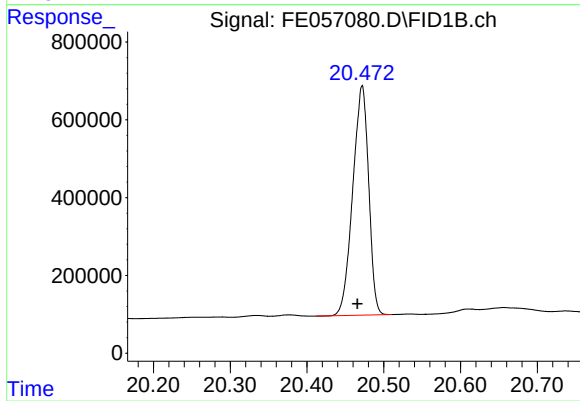
#18 n-Dotriacontane (C32)

R.T.: 18.944 min
Delta R.T.: 0.004 min
Response: 10157241
Conc: 47.00 ug/ml



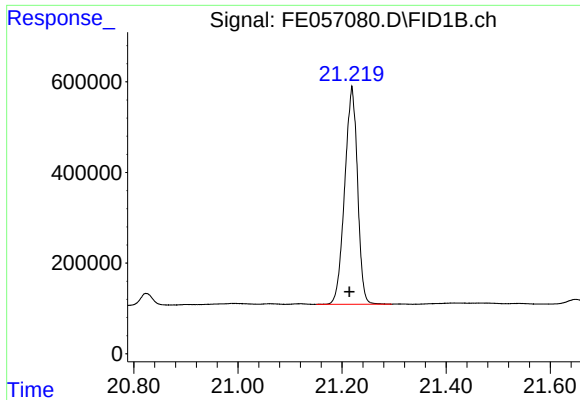
#19 n-Tetratriacontane (C34)

R.T.: 19.730 min
Delta R.T.: 0.005 min
Response: 9478160
Conc: 46.73 ug/ml



#20 n-Hexatriacontane (C36)

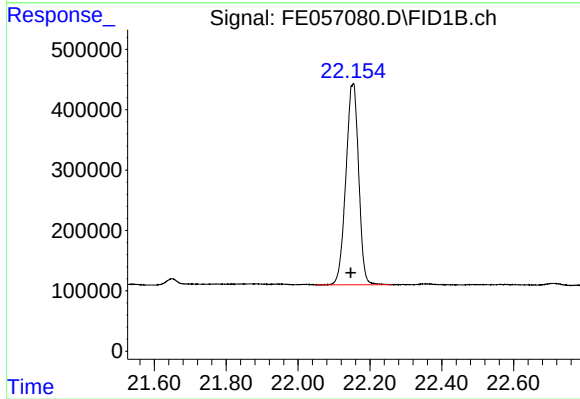
R.T.: 20.472 min
Delta R.T.: 0.006 min
Response: 8500505
Conc: 47.39 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.219 min
Delta R.T.: 0.005 min
Response: 8187666
Conc: 48.56 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2



#22 n-Tetracontane (C40)

R.T.: 22.152 min
Delta R.T.: 0.006 min
Response: 8205394
Conc: 49.90 ug/ml