

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062124AL\
 Data File : FE048817.D
 Signal(s) : FID1B.ch
 Acq On : 20 Jun 2024 14:25
 Operator : YP\AJ
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e
 Quant Time: Jun 20 15:34:04 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062124.M
 Quant Title : GC Extractables
 QLast Update : Thu Jun 20 15:30:23 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)	11.937	8279204	49.470 ug/ml
Spiked Amount 50.000		Recovery =	98.94%
12) S 1-chlorooctadecane (S...	13.370	6455411	49.501 ug/ml
Spiked Amount 50.000		Recovery =	99.00%
Target Compounds			
1) T n-Nonane (C9)	3.327	7514985	49.933 ug/ml
2) T n-Decane (C10)	4.575	7664975	49.712 ug/ml
3) T A~Naphthalene (C11.7)	6.279	8032517	49.662 ug/ml
4) T n-Dodecane (C12)	6.739	7685654	49.628 ug/ml
5) T A~2-methylnaphthalene...	7.374	7740668	49.781 ug/ml
6) T n-Tetradecane (C14)	8.566	7594855	49.595 ug/ml
7) T n-Hexadecane (C16)	10.174	7825264	49.659 ug/ml
8) T n-Octadecane (C18)	11.618	7972472	49.595 ug/ml
10) T n-Eicosane (C20)	12.925	7703613	49.498 ug/ml
11) T n-Heneicosane (C21)	13.536	7586418	49.495 ug/ml
13) T n-Docosane (C22)	14.123	7546042	49.451 ug/ml
14) T n-Tetracosane (C24)	15.225	7506225	49.468 ug/ml
15) T n-Hexacosane (C26)	16.244	7356217	49.409 ug/ml
16) T n-Octacosane (C28)	17.192	7171726	49.380 ug/ml
17) T n-Tricontane (C30)	18.081	7187026	49.197 ug/ml
18) T n-Dotriacontane (C32)	18.911	6983203	49.178 ug/ml
19) T n-Tetratriacontane (C34)	19.694	6757394	49.188 ug/ml
20) T n-Hexatriacontane (C36)	20.433	6490799	49.403 ug/ml
21) T n-Octatriacontane (C38)	21.168	6336673	49.268 ug/ml
22) T n-Tetracontane (C40)	22.081	6107270	49.726 ug/ml

(f)=RT Delta > 1/2 Window

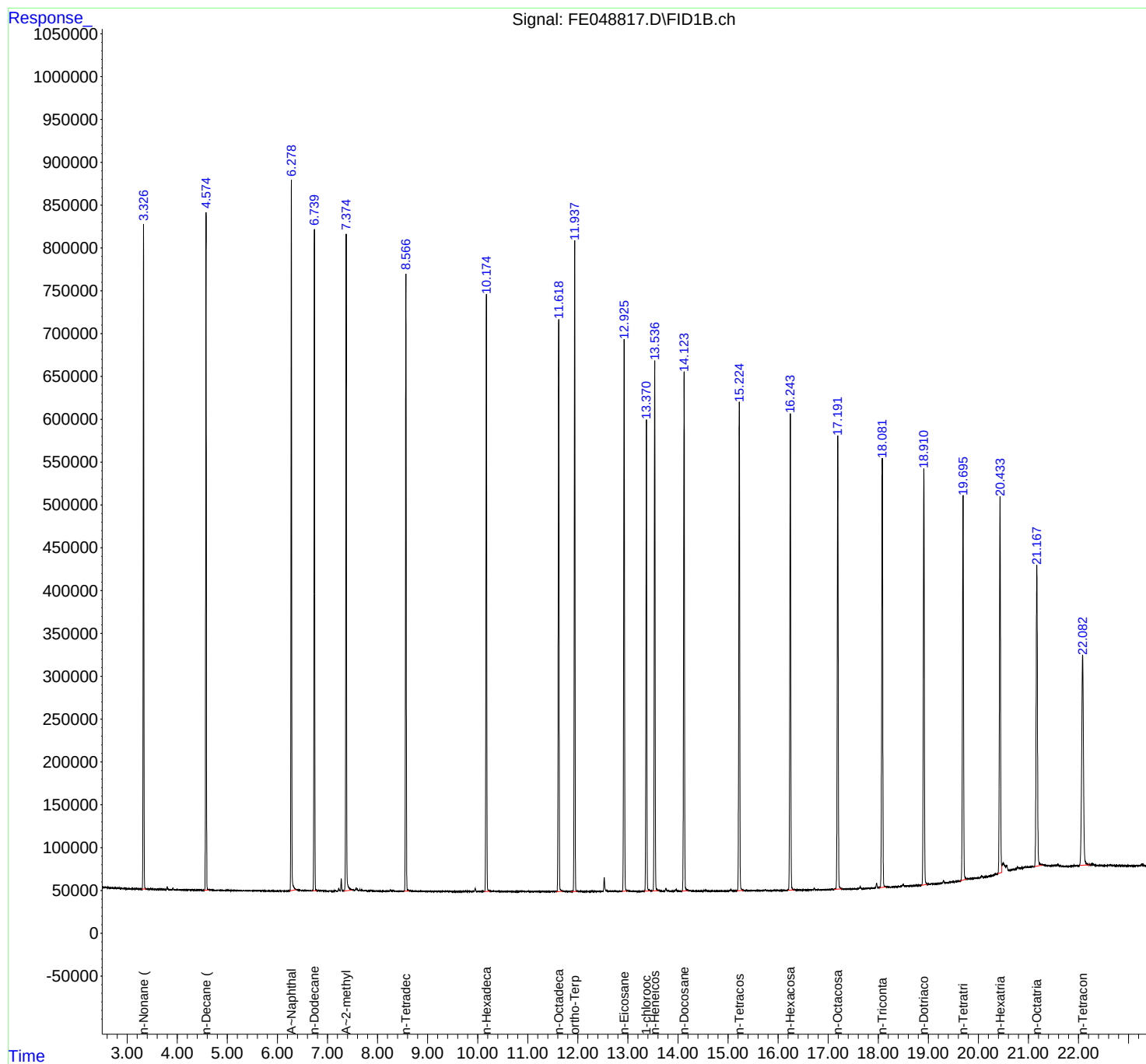
(m)=manual int.

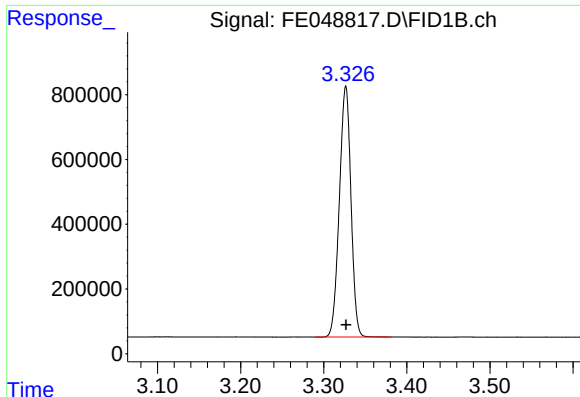
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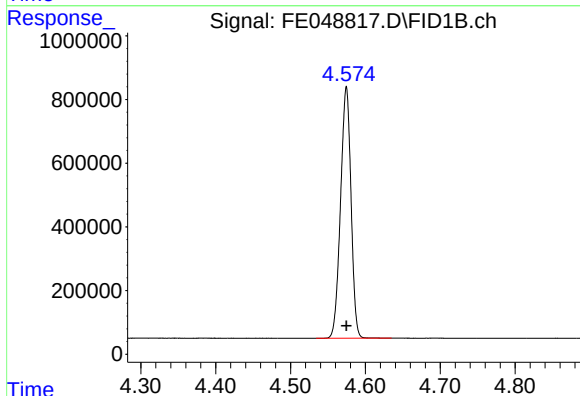




#1 n-Nonane (C9)

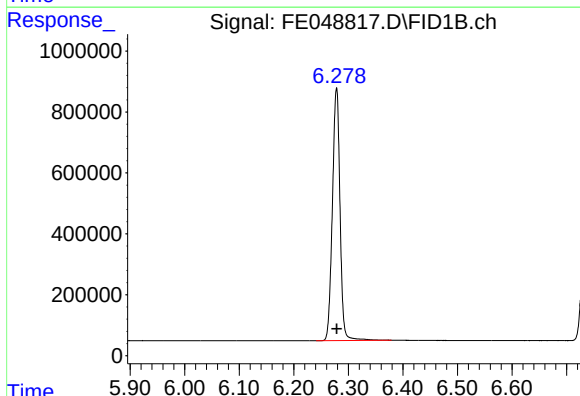
R.T.: 3.327 min
Delta R.T.: 0.000 min
Response: 7514985
Conc: 49.93 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2



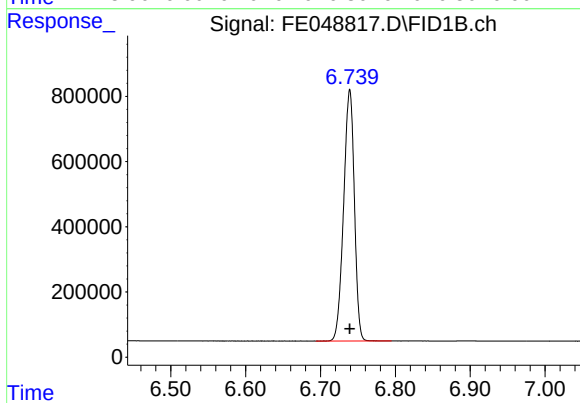
#2 n-Decane (C10)

R.T.: 4.575 min
Delta R.T.: 0.000 min
Response: 7664975
Conc: 49.71 ug/ml



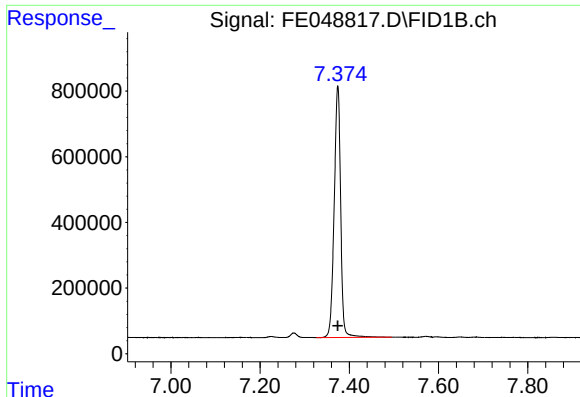
#3 A~Naphthalene (C11.7)

R.T.: 6.279 min
Delta R.T.: 0.000 min
Response: 8032517
Conc: 49.66 ug/ml



#4 n-Dodecane (C12)

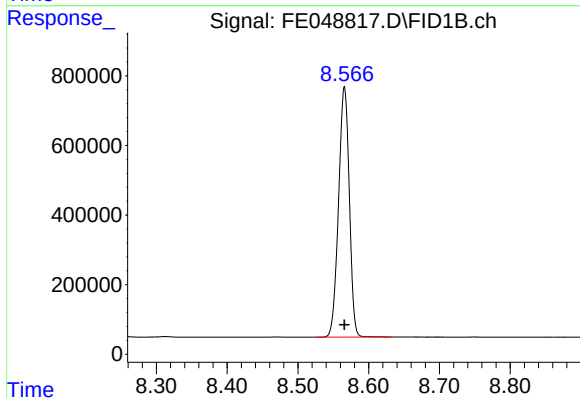
R.T.: 6.739 min
Delta R.T.: 0.000 min
Response: 7685654
Conc: 49.63 ug/ml



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

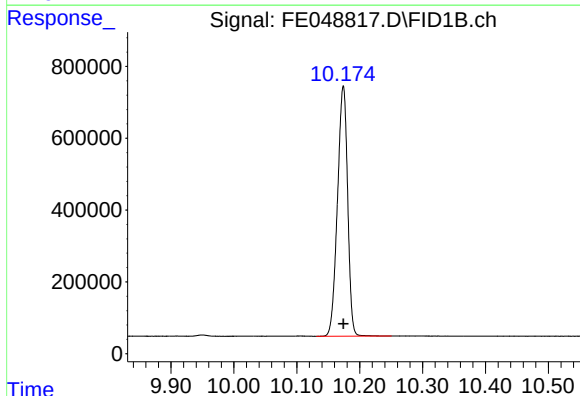
R.T.: 7.374 min
Delta R.T.: 0.000 min
Response: 7740668
Conc: 49.78 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2



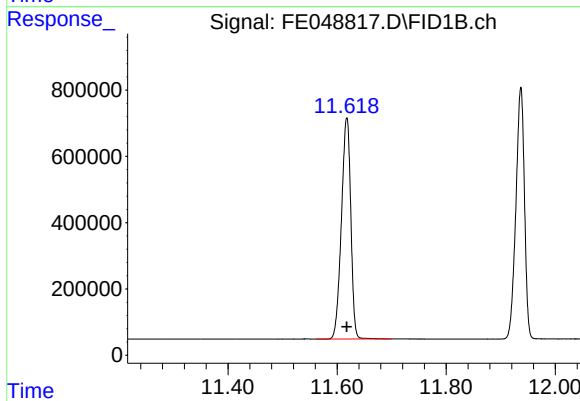
#6 n-Tetradecane (C14)

R.T.: 8.566 min
Delta R.T.: 0.000 min
Response: 7594855
Conc: 49.60 ug/ml



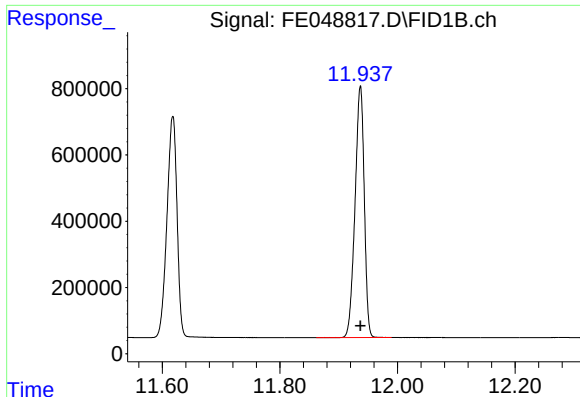
#7 n-Hexadecane (C16)

R.T.: 10.174 min
Delta R.T.: 0.000 min
Response: 7825264
Conc: 49.66 ug/ml



#8 n-Octadecane (C18)

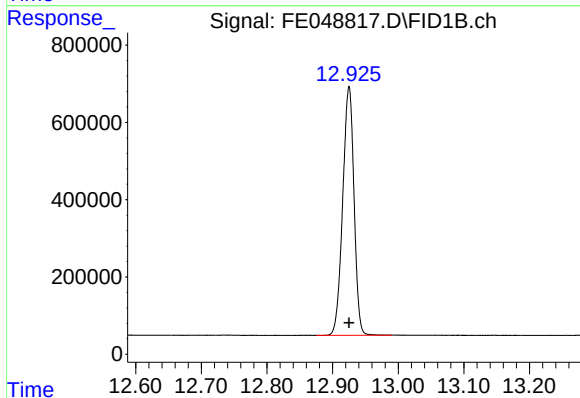
R.T.: 11.618 min
Delta R.T.: 0.000 min
Response: 7972472
Conc: 49.60 ug/ml



#9 ortho-Terphenyl (SURR)

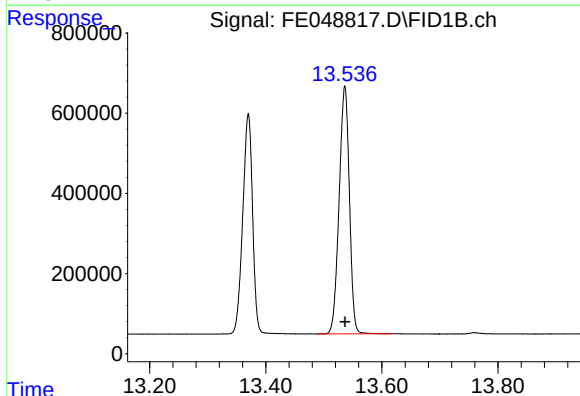
R.T.: 11.937 min
Delta R.T.: 0.000 min
Response: 8279204
Conc: 49.47 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2



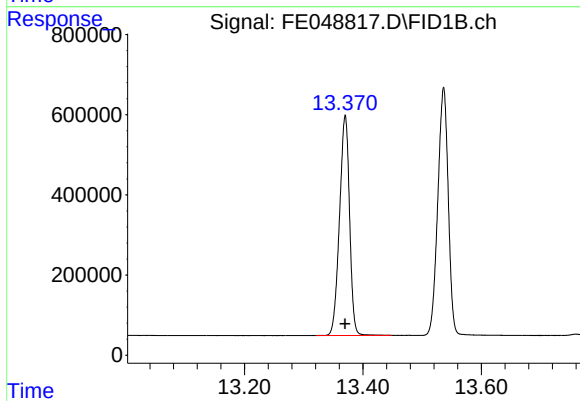
#10 n-Eicosane (C20)

R.T.: 12.925 min
Delta R.T.: 0.000 min
Response: 7703613
Conc: 49.50 ug/ml



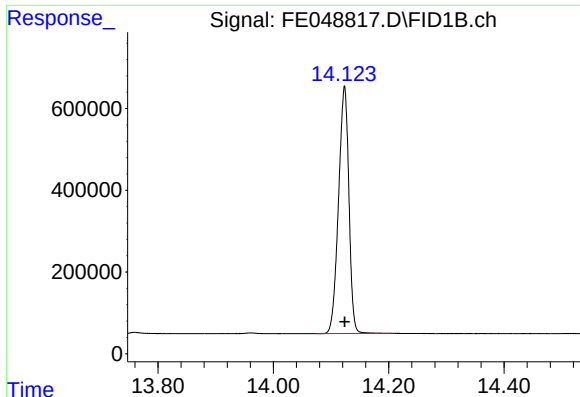
#11 n-Heneicosane (C21)

R.T.: 13.536 min
Delta R.T.: 0.000 min
Response: 7586418
Conc: 49.50 ug/ml



#12 1-chlorooctadecane (SURR)

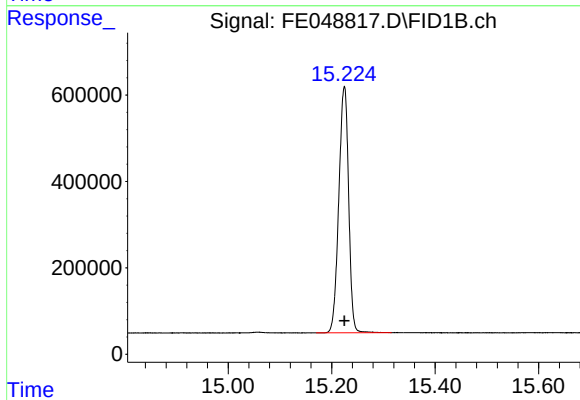
R.T.: 13.370 min
Delta R.T.: 0.000 min
Response: 6455411
Conc: 49.50 ug/ml



#13 n-Docosane (C22)

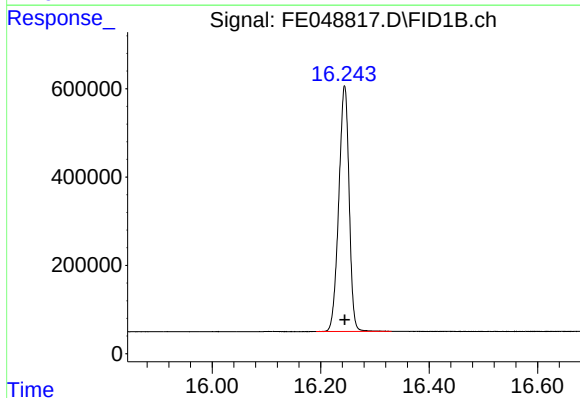
R.T.: 14.123 min
Delta R.T.: 0.000 min
Response: 7546042
Conc: 49.45 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2



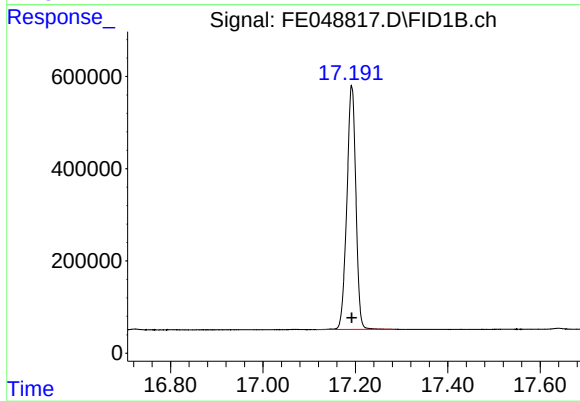
#14 n-Tetracosane (C24)

R.T.: 15.225 min
Delta R.T.: 0.000 min
Response: 7506225
Conc: 49.47 ug/ml



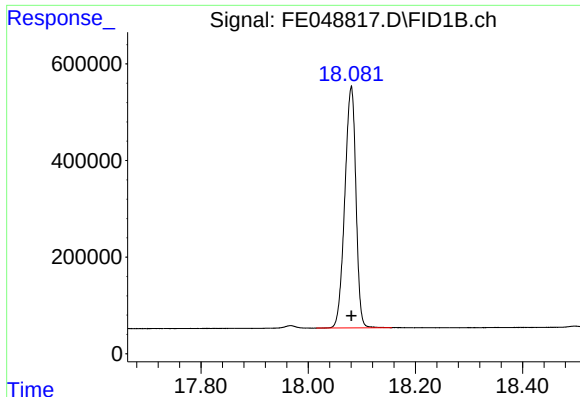
#15 n-Hexacosane (C26)

R.T.: 16.244 min
Delta R.T.: 0.000 min
Response: 7356217
Conc: 49.41 ug/ml



#16 n-Octacosane (C28)

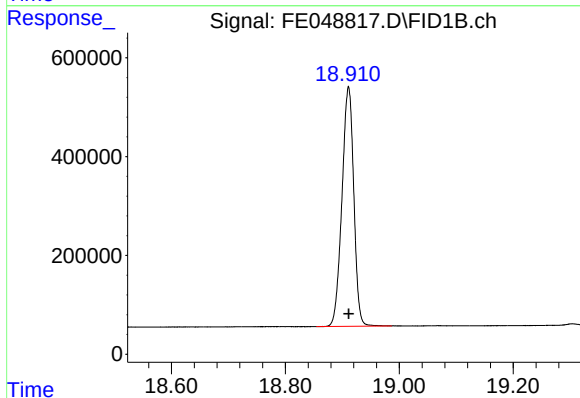
R.T.: 17.192 min
Delta R.T.: 0.000 min
Response: 7171726
Conc: 49.38 ug/ml



#17 n-Tricontane (C30)

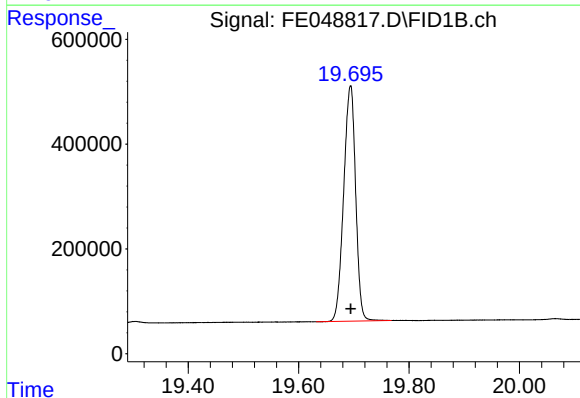
R.T.: 18.081 min
Delta R.T.: 0.000 min
Response: 7187026
Conc: 49.20 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2



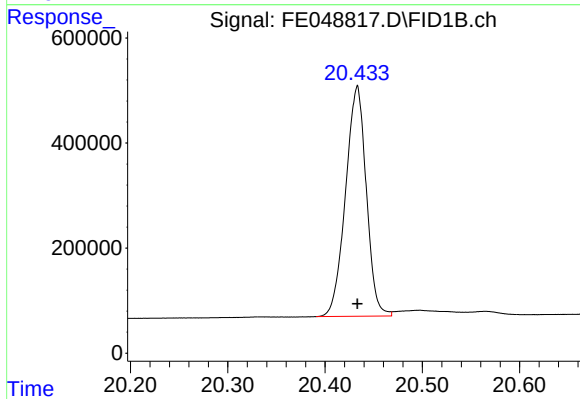
#18 n-Dotriacontane (C32)

R.T.: 18.911 min
Delta R.T.: 0.000 min
Response: 6983203
Conc: 49.18 ug/ml



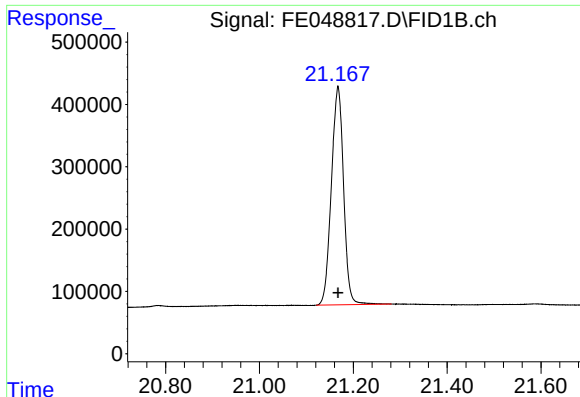
#19 n-Tetratriacontane (C34)

R.T.: 19.694 min
Delta R.T.: 0.000 min
Response: 6757394
Conc: 49.19 ug/ml



#20 n-Hexatriacontane (C36)

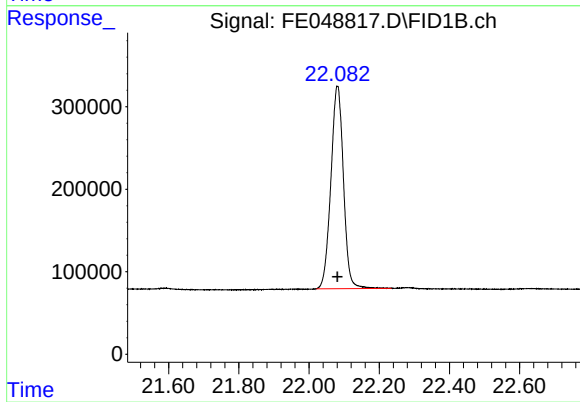
R.T.: 20.433 min
Delta R.T.: 0.000 min
Response: 6490799
Conc: 49.40 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.168 min
Delta R.T.: 0.000 min
Response: 6336673
Conc: 49.27 ug/ml

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FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2



#22 n-Tetracontane (C40)

R.T.: 22.081 min
Delta R.T.: 0.000 min
Response: 6107270
Conc: 49.73 ug/ml