

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE082024AL\
 Data File : FE049672.D
 Signal(s) : FID1B.ch
 Acq On : 20 Aug 2024 11:47
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Aug 21 01:33:17 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 081424.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 14 11:05:17 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)	11.889	2972845	18.384 ug/ml
Spiked Amount 50.000		Recovery =	36.77%
12) S 1-chlorooctadecane (S...	13.324	2269945	18.605 ug/ml
Spiked Amount 50.000		Recovery =	37.21%
Target Compounds			
1) T n-Nonane (C9)	3.276	2607778	16.851 ug/ml
2) T n-Decane (C10)	4.527	2782022	17.620 ug/ml
3) T A~Naphthalene (C11.7)	6.235	2858981	17.818 ug/ml
4) T n-Dodecane (C12)	6.695	2820301	17.940 ug/ml
5) T A~2-methylnaphthalene...	7.331	2719248	18.158 ug/ml
6) T n-Tetradecane (C14)	8.522	2787314	18.055 ug/ml
7) T n-Hexadecane (C16)	10.129	2853559	18.271 ug/ml
8) T n-Octadecane (C18)	11.571	2879236	18.333 ug/ml
10) T n-Eicosane (C20)	12.879	2753882	18.444 ug/ml
11) T n-Heneicosane (C21)	13.490	2719540	18.538 ug/ml
13) T n-Docosane (C22)	14.076	2687856	18.441 ug/ml
14) T n-Tetracosane (C24)	15.178	2698206	18.549 ug/ml
15) T n-Hexacosane (C26)	16.198	2669716	18.498 ug/ml
16) T n-Octacosane (C28)	17.148	2757677	19.145 ug/ml
17) T n-Tricontane (C30)	18.035	3002437	20.056 ug/ml
18) T n-Dotriacontane (C32)	18.867	3124039	20.650 ug/ml
19) T n-Tetratriacontane (C34)	19.650	3094958	20.244 ug/ml
20) T n-Hexatriacontane (C36)	20.389	3044281	20.048 ug/ml
21) T n-Octatriacontane (C38)	21.118	3007929	19.165 ug/ml
22) T n-Tetracontane (C40)	22.015	2913876	19.085 ug/ml

(f)=RT Delta > 1/2 Window

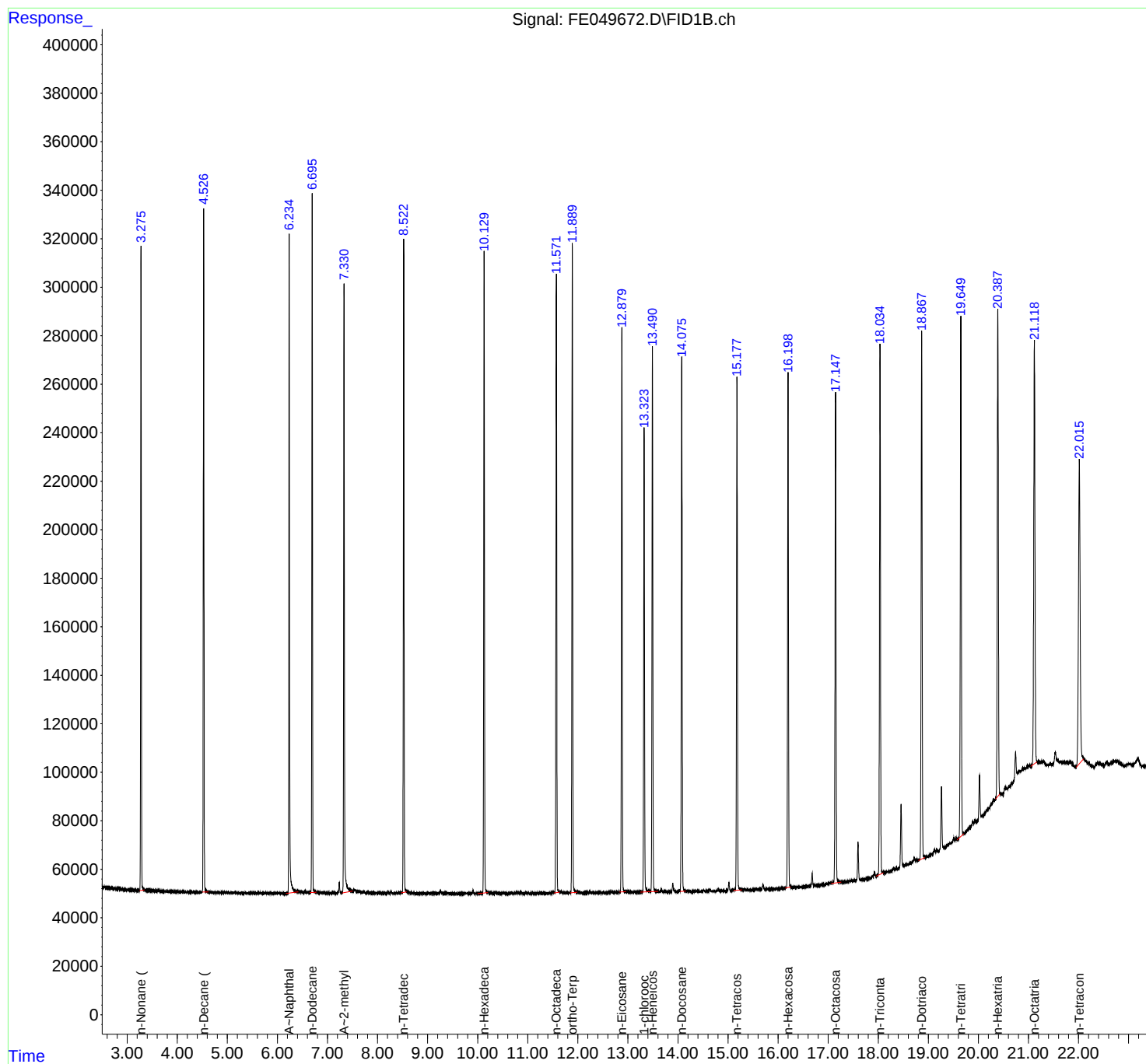
(m)=manual int.

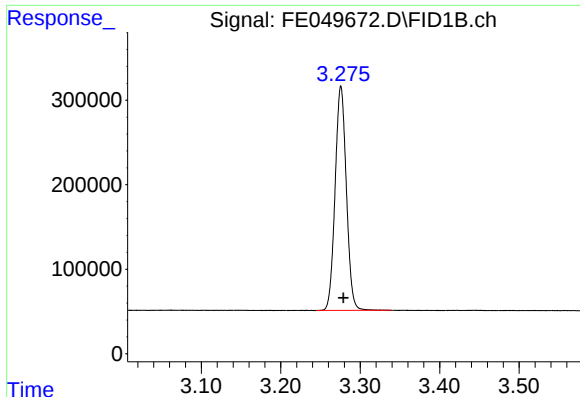
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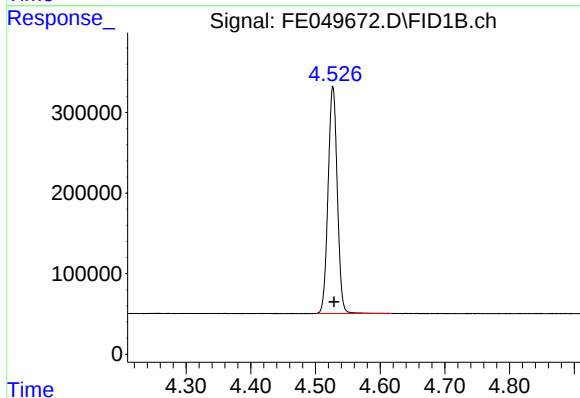




#1 n-Nonane (C9)

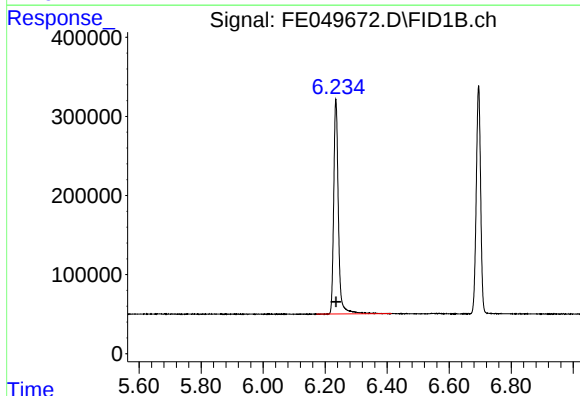
R.T.: 3.276 min
Delta R.T.: -0.003 min
Response: 2607778
Conc: 16.85 ug/ml

Instrument :
FID_E
ClientSampleId :



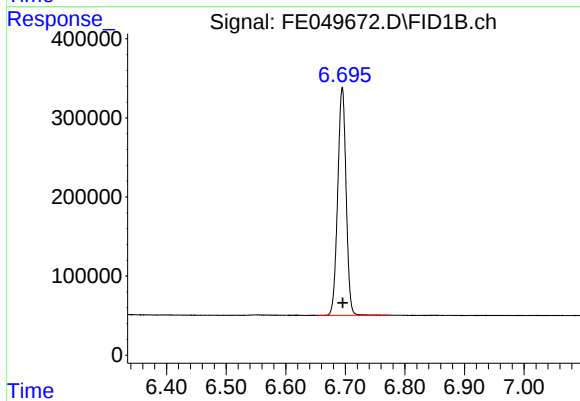
#2 n-Decane (C10)

R.T.: 4.527 min
Delta R.T.: -0.002 min
Response: 2782022
Conc: 17.62 ug/ml



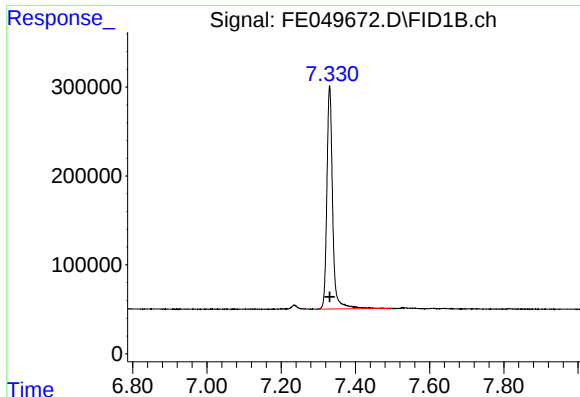
#3 A~Naphthalene (C11.7)

R.T.: 6.235 min
Delta R.T.: 0.000 min
Response: 2858981
Conc: 17.82 ug/ml



#4 n-Dodecane (C12)

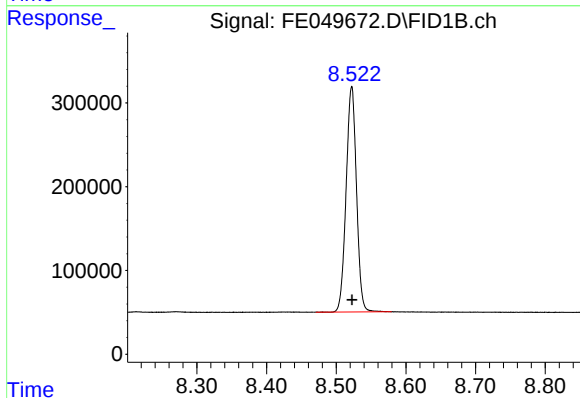
R.T.: 6.695 min
Delta R.T.: 0.000 min
Response: 2820301
Conc: 17.94 ug/ml



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

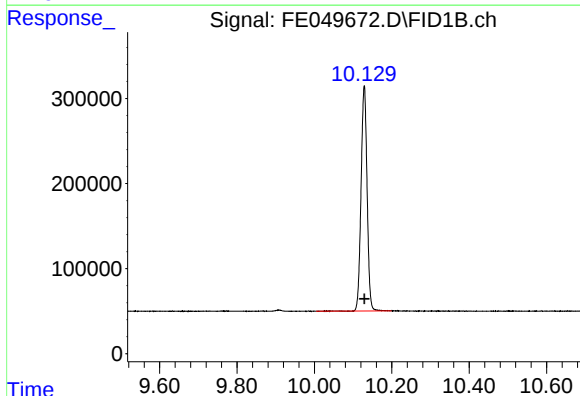
R.T.: 7.331 min
Delta R.T.: 0.000 min
Response: 2719248
Conc: 18.16 ug/ml

Instrument :
FID_E
ClientSampleId :



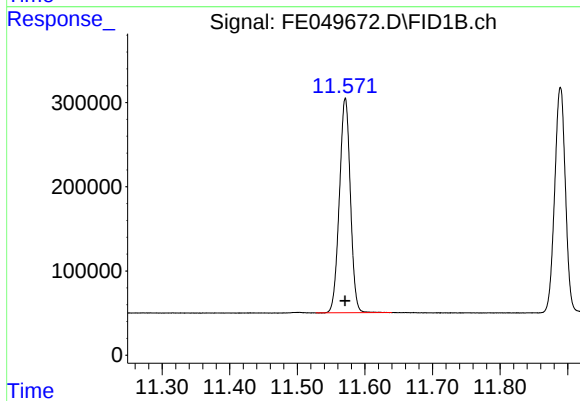
#6 n-Tetradecane (C14)

R.T.: 8.522 min
Delta R.T.: 0.000 min
Response: 2787314
Conc: 18.05 ug/ml



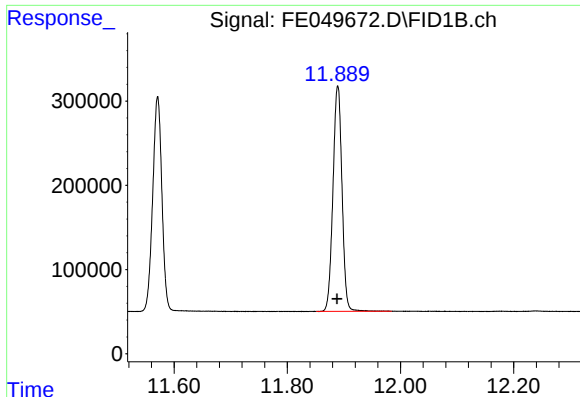
#7 n-Hexadecane (C16)

R.T.: 10.129 min
Delta R.T.: 0.000 min
Response: 2853559
Conc: 18.27 ug/ml



#8 n-Octadecane (C18)

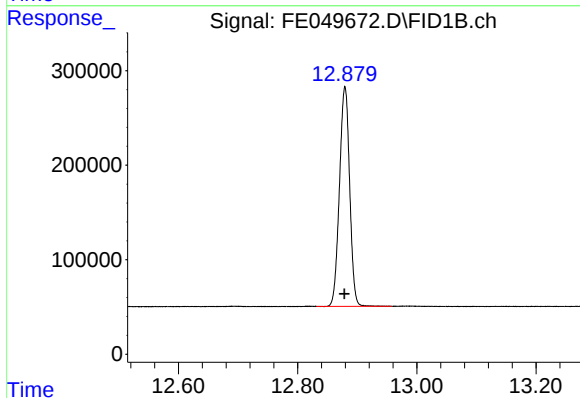
R.T.: 11.571 min
Delta R.T.: 0.000 min
Response: 2879236
Conc: 18.33 ug/ml



#9 ortho-Terphenyl (SURR)

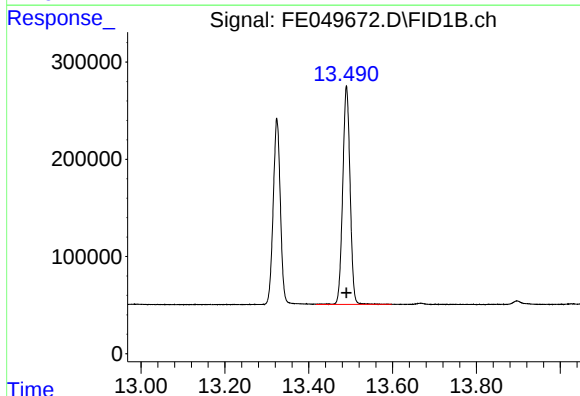
R.T.: 11.889 min
Delta R.T.: 0.000 min
Response: 2972845
Conc: 18.38 ug/ml

Instrument :
FID_E
ClientSampleId :



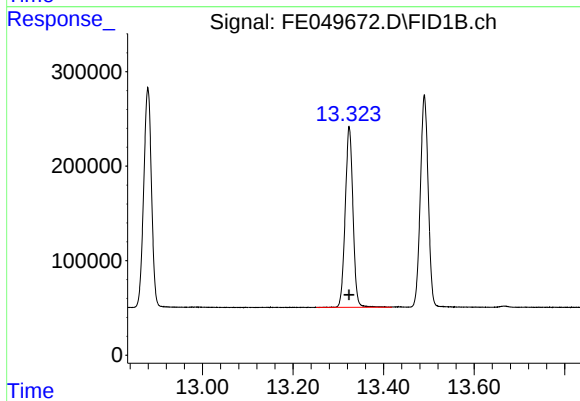
#10 n-Eicosane (C20)

R.T.: 12.879 min
Delta R.T.: 0.000 min
Response: 2753882
Conc: 18.44 ug/ml



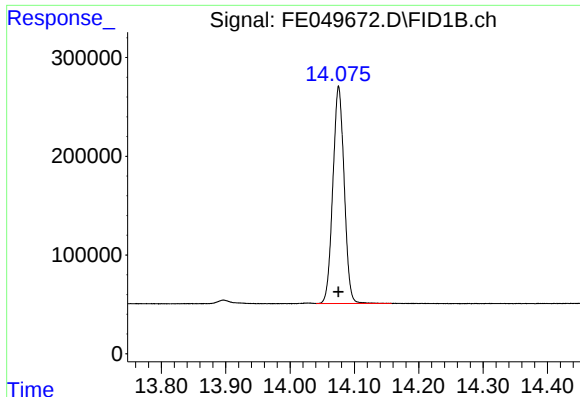
#11 n-Heneicosane (C21)

R.T.: 13.490 min
Delta R.T.: 0.000 min
Response: 2719540
Conc: 18.54 ug/ml



#12 1-chlorooctadecane (SURR)

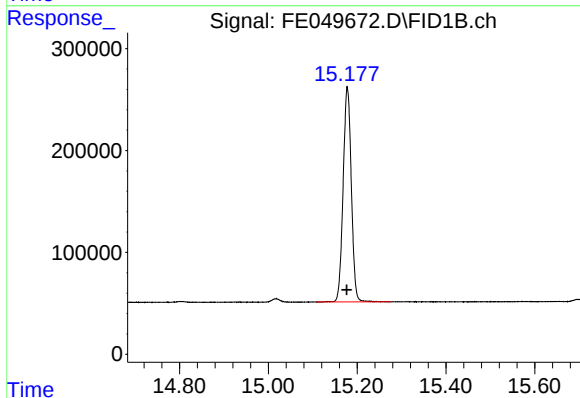
R.T.: 13.324 min
Delta R.T.: 0.000 min
Response: 2269945
Conc: 18.61 ug/ml



#13 n-Docosane (C22)

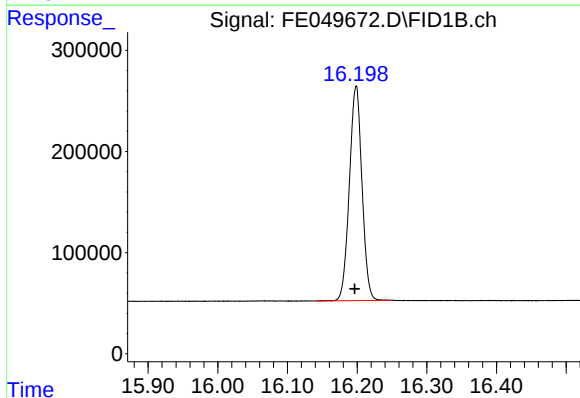
R.T.: 14.076 min
Delta R.T.: 0.000 min
Response: 2687856
Conc: 18.44 ug/ml

Instrument :
FID_E
ClientSampleId :



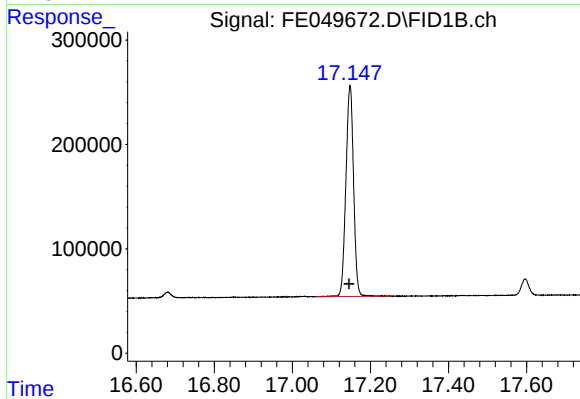
#14 n-Tetracosane (C24)

R.T.: 15.178 min
Delta R.T.: 0.001 min
Response: 2698206
Conc: 18.55 ug/ml



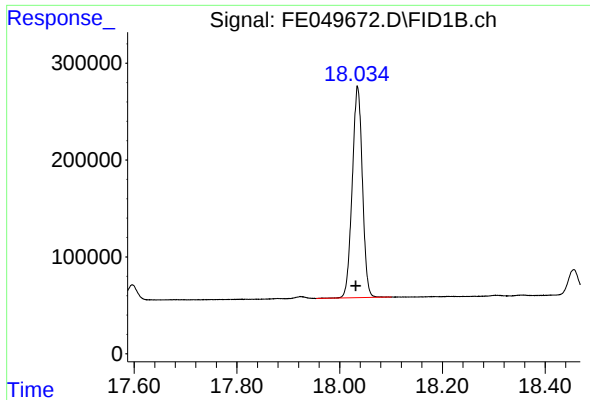
#15 n-Hexacosane (C26)

R.T.: 16.198 min
Delta R.T.: 0.002 min
Response: 2669716
Conc: 18.50 ug/ml



#16 n-Octacosane (C28)

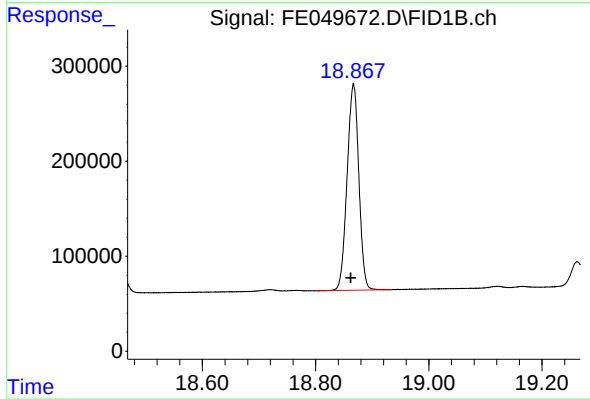
R.T.: 17.148 min
Delta R.T.: 0.003 min
Response: 2757677
Conc: 19.15 ug/ml



#17 n-Tricontane (C30)

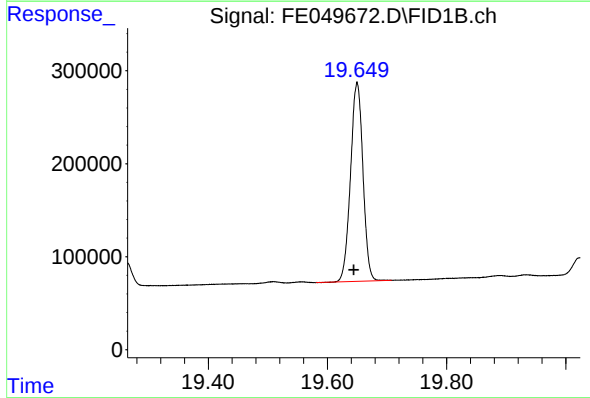
R.T.: 18.035 min
Delta R.T.: 0.004 min
Response: 3002437
Conc: 20.06 ug/ml

Instrument :
FID_E
ClientSampleId :



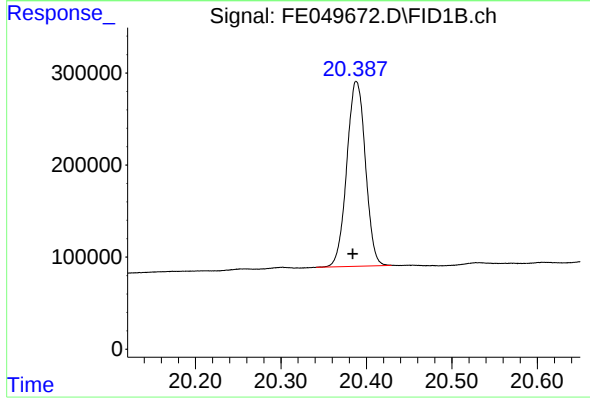
#18 n-Dotriacontane (C32)

R.T.: 18.867 min
Delta R.T.: 0.005 min
Response: 3124039
Conc: 20.65 ug/ml



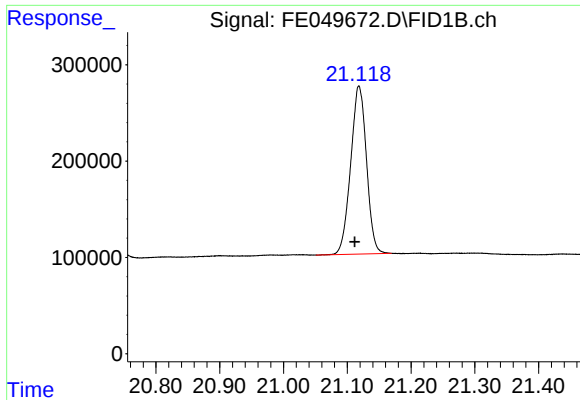
#19 n-Tetratriacontane (C34)

R.T.: 19.650 min
Delta R.T.: 0.005 min
Response: 3094958
Conc: 20.24 ug/ml



#20 n-Hexatriacontane (C36)

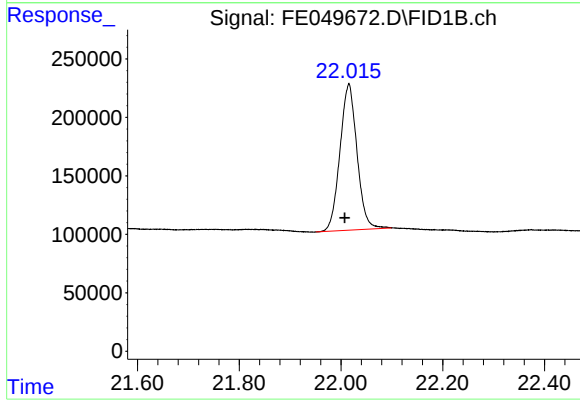
R.T.: 20.389 min
Delta R.T.: 0.005 min
Response: 3044281
Conc: 20.05 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.118 min
Delta R.T.: 0.007 min
Response: 3007929
Conc: 19.16 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.015 min
Delta R.T.: 0.008 min
Response: 2913876
Conc: 19.08 ug/ml