

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE082224AL\
 Data File : FE049718.D
 Signal(s) : FID1B.ch
 Acq On : 22 Aug 2024 23:57
 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 23 01:32:41 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)	11.885	3066190	18.961 ug/ml
Spiked Amount 50.000		Recovery =	37.92%
12) S 1-chlorooctadecane (S...	13.319	2336192	19.148 ug/ml
Spiked Amount 50.000		Recovery =	38.30%
Target Compounds			
1) T n-Nonane (C9)	3.274	2677857	17.304 ug/ml
2) T n-Decane (C10)	4.525	2860443	18.117 ug/ml
3) T A~Naphthalene (C11.7)	6.232	2938196	18.312 ug/ml
4) T n-Dodecane (C12)	6.692	2915354	18.544 ug/ml
5) T A~2-methylnaphthalene...	7.328	2808953	18.757 ug/ml
6) T n-Tetradecane (C14)	8.519	2870846	18.596 ug/ml
7) T n-Hexadecane (C16)	10.125	2946886	18.868 ug/ml
8) T n-Octadecane (C18)	11.566	2977134	18.956 ug/ml
10) T n-Eicosane (C20)	12.874	2846931	19.068 ug/ml
11) T n-Heneicosane (C21)	13.486	2788573	19.009 ug/ml
13) T n-Docosane (C22)	14.071	2774893	19.038 ug/ml
14) T n-Tetracosane (C24)	15.172	2797542	19.232 ug/ml
15) T n-Hexacosane (C26)	16.192	2770135	19.194 ug/ml
16) T n-Octacosane (C28)	17.140	2867255	19.906 ug/ml
17) T n-Tricontane (C30)	18.026	3190488	21.312 ug/ml
18) T n-Dotriacontane (C32)	18.859	3316497	21.923 ug/ml
19) T n-Tetratriacontane (C34)	19.641	3287623	21.505 ug/ml
20) T n-Hexatriacontane (C36)	20.381	3189122	21.001 ug/ml
21) T n-Octatriacontane (C38)	21.108	3080944	19.630 ug/ml
22) T n-Tetracontane (C40)	22.003	2834630	18.566 ug/ml

(f)=RT Delta > 1/2 Window

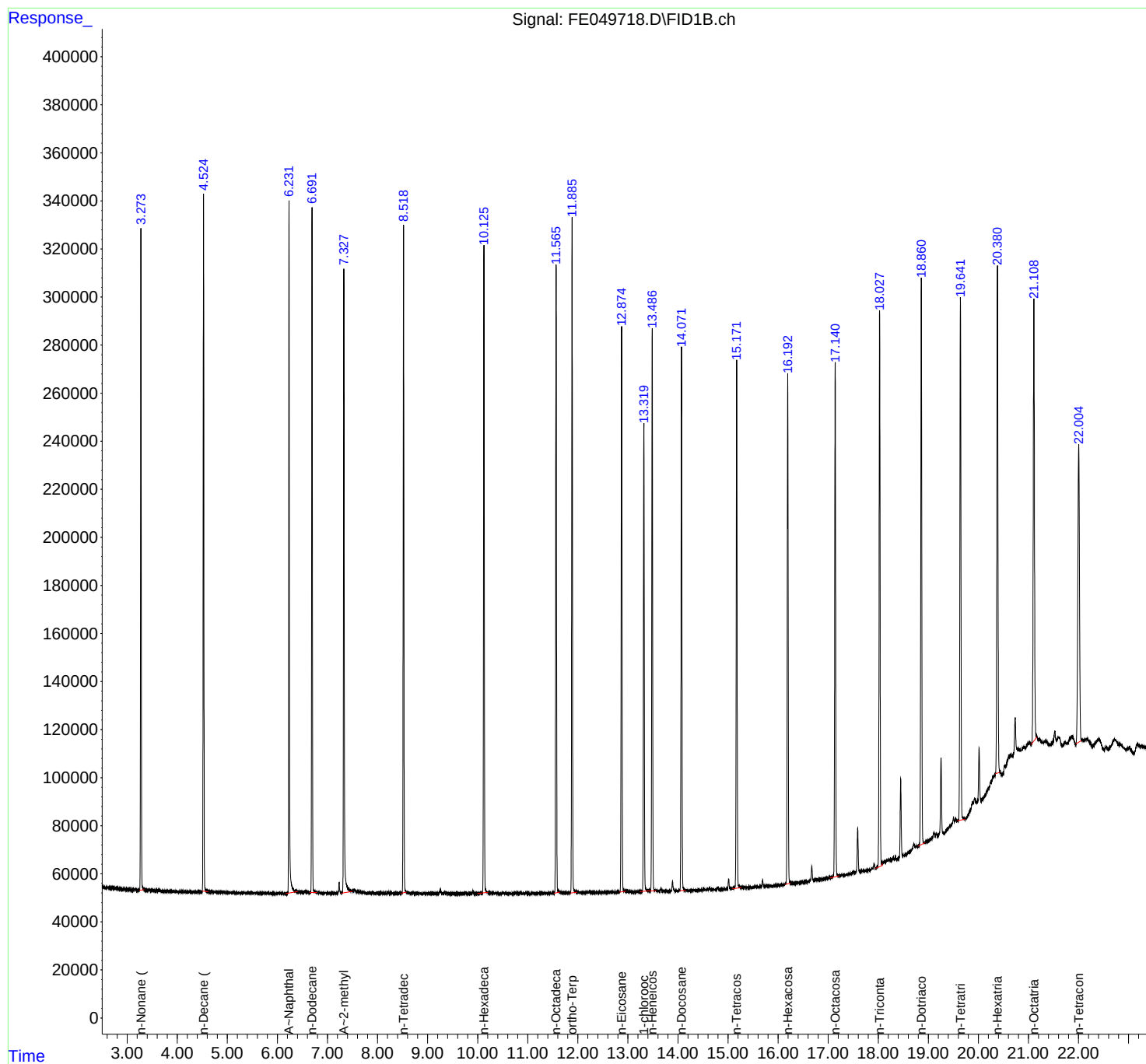
(m)=manual int.

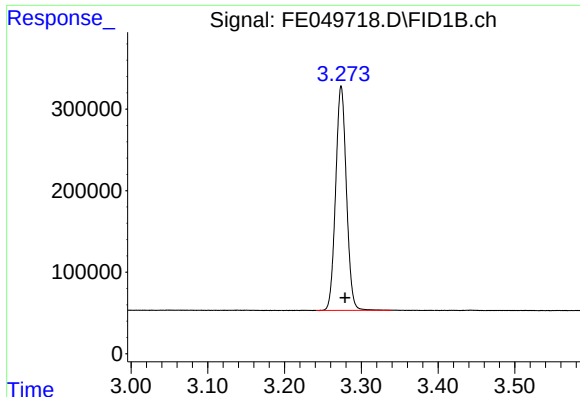
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE082224AL\
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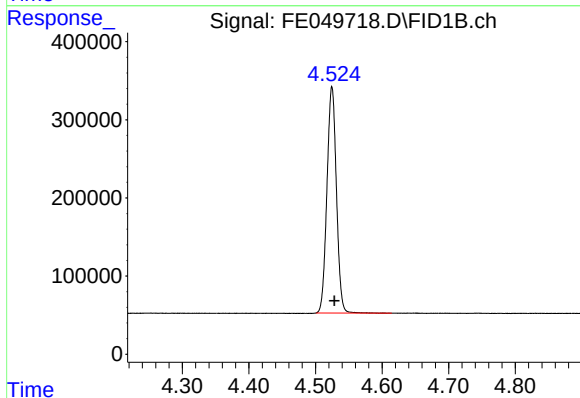




#1 n-Nonane (C9)

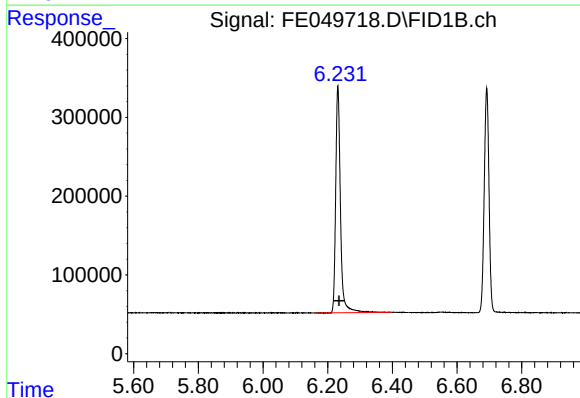
R.T.: 3.274 min
Delta R.T.: -0.005 min
Response: 2677857
Conc: 17.30 ug/ml

Instrument :
FID_E
ClientSampleId :



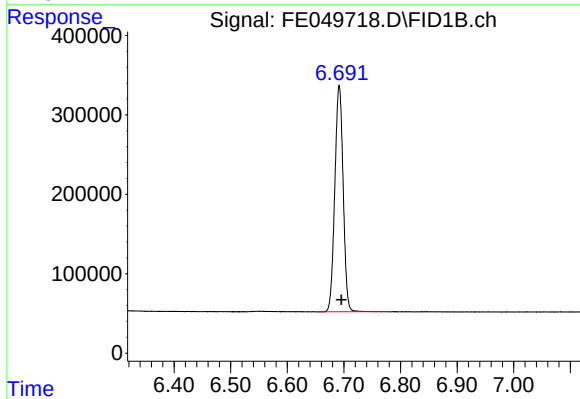
#2 n-Decane (C10)

R.T.: 4.525 min
Delta R.T.: -0.004 min
Response: 2860443
Conc: 18.12 ug/ml



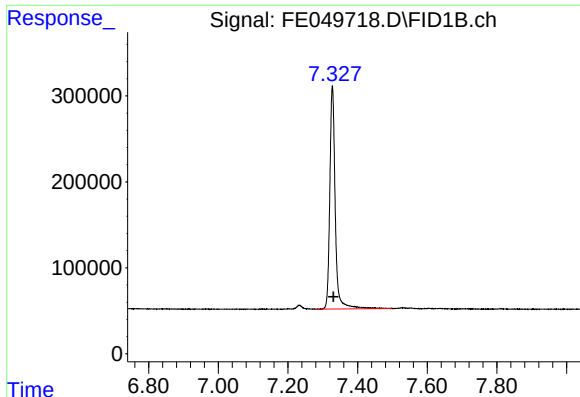
#3 A~Naphthalene (C11.7)

R.T.: 6.232 min
Delta R.T.: -0.003 min
Response: 2938196
Conc: 18.31 ug/ml



#4 n-Dodecane (C12)

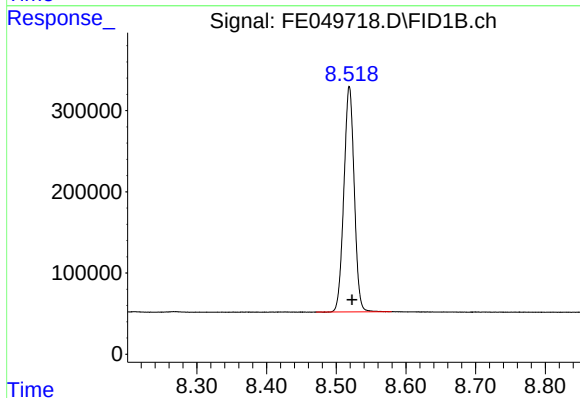
R.T.: 6.692 min
Delta R.T.: -0.004 min
Response: 2915354
Conc: 18.54 ug/ml



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

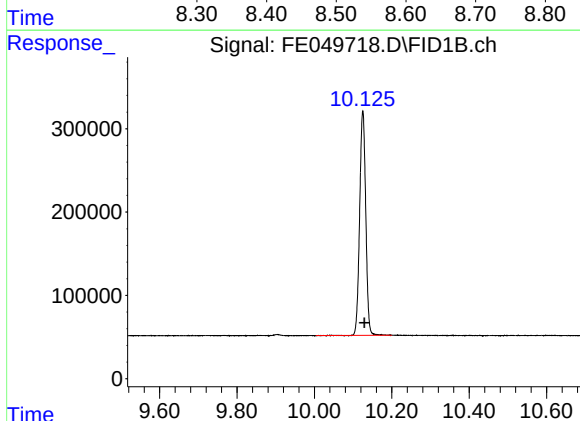
R.T.: 7.328 min
Delta R.T.: -0.003 min
Response: 2808953
Conc: 18.76 ug/ml

Instrument :
FID_E
ClientSampleId :



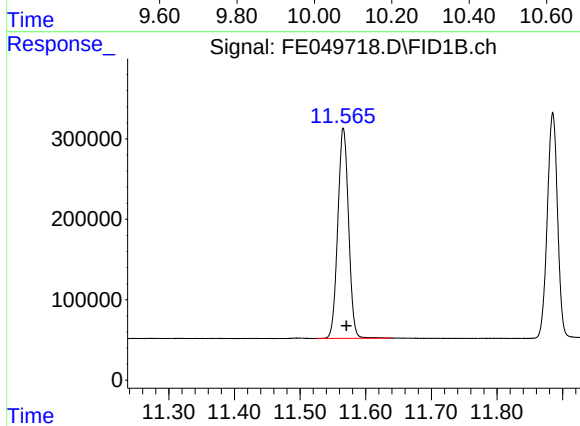
#6 n-Tetradecane (C14)

R.T.: 8.519 min
Delta R.T.: -0.004 min
Response: 2870846
Conc: 18.60 ug/ml



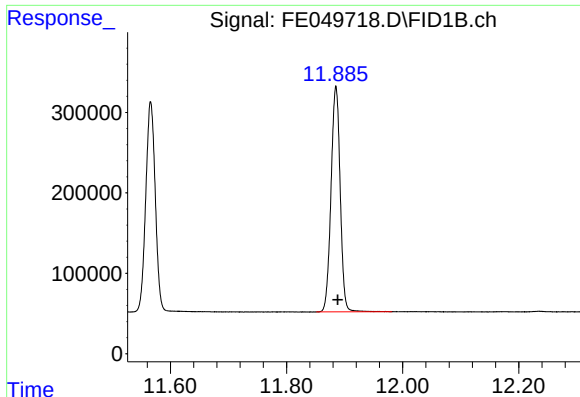
#7 n-Hexadecane (C16)

R.T.: 10.125 min
Delta R.T.: -0.004 min
Response: 2946886
Conc: 18.87 ug/ml



#8 n-Octadecane (C18)

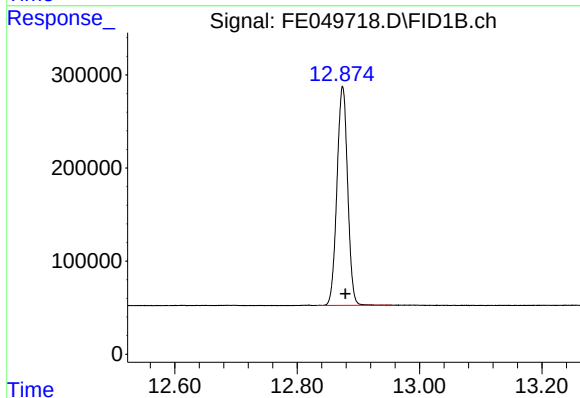
R.T.: 11.566 min
Delta R.T.: -0.004 min
Response: 2977134
Conc: 18.96 ug/ml



#9 ortho-Terphenyl (SURR)

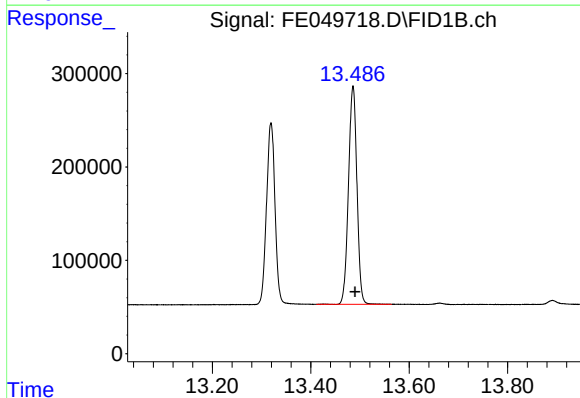
R.T.: 11.885 min
Delta R.T.: -0.003 min
Response: 3066190
Conc: 18.96 ug/ml

Instrument :
FID_E
ClientSampleId :



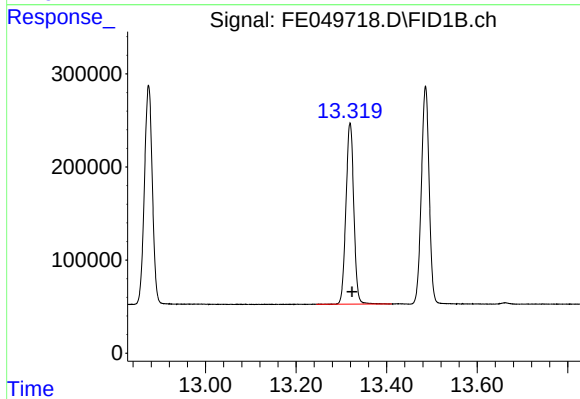
#10 n-Eicosane (C20)

R.T.: 12.874 min
Delta R.T.: -0.004 min
Response: 2846931
Conc: 19.07 ug/ml



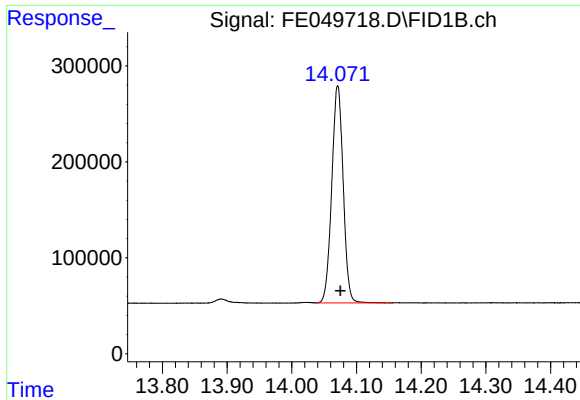
#11 n-Heneicosane (C21)

R.T.: 13.486 min
Delta R.T.: -0.004 min
Response: 2788573
Conc: 19.01 ug/ml



#12 1-chlorooctadecane (SURR)

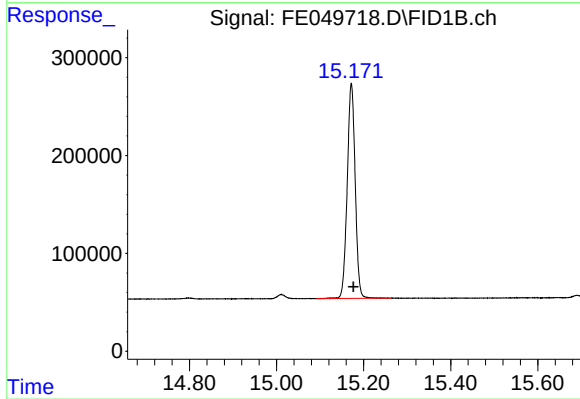
R.T.: 13.319 min
Delta R.T.: -0.004 min
Response: 2336192
Conc: 19.15 ug/ml



#13 n-Docosane (C22)

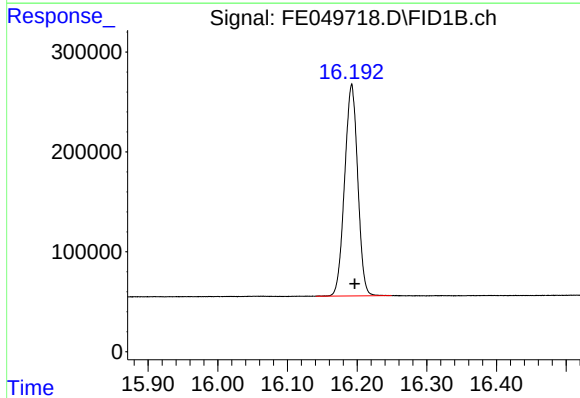
R.T.: 14.071 min
Delta R.T.: -0.004 min
Response: 2774893
Conc: 19.04 ug/ml

Instrument :
FID_E
ClientSampleId :



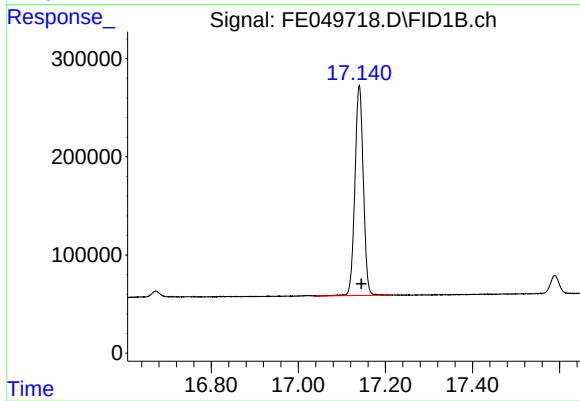
#14 n-Tetracosane (C24)

R.T.: 15.172 min
Delta R.T.: -0.005 min
Response: 2797542
Conc: 19.23 ug/ml



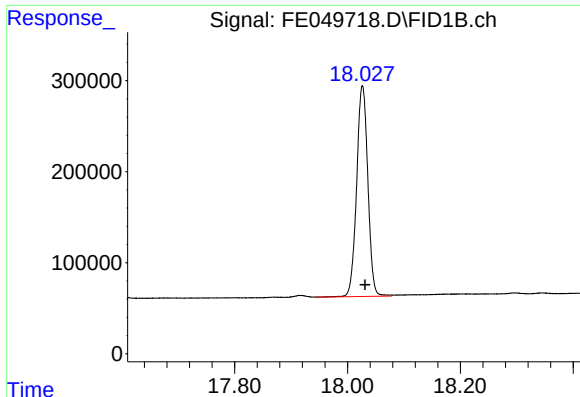
#15 n-Hexacosane (C26)

R.T.: 16.192 min
Delta R.T.: -0.004 min
Response: 2770135
Conc: 19.19 ug/ml



#16 n-Octacosane (C28)

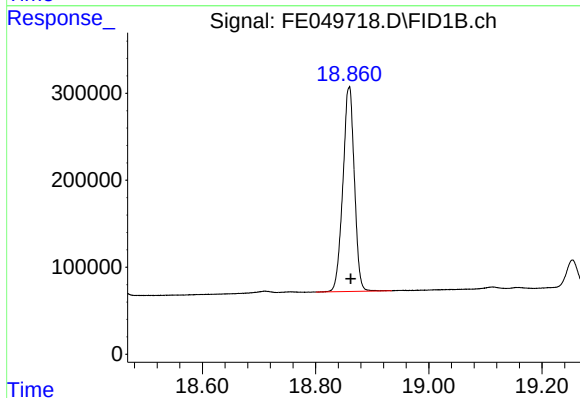
R.T.: 17.140 min
Delta R.T.: -0.005 min
Response: 2867255
Conc: 19.91 ug/ml



#17 n-Tricontane (C30)

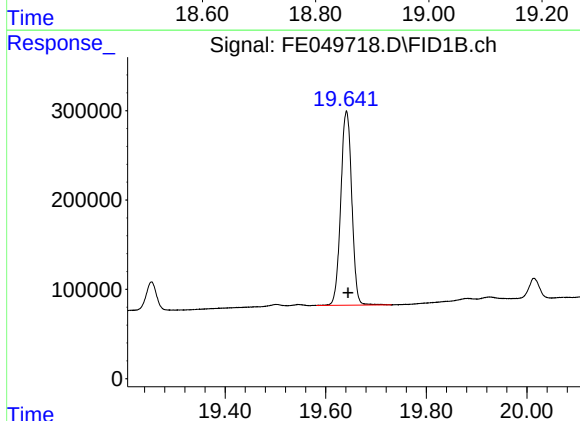
R.T.: 18.026 min
Delta R.T.: -0.005 min
Response: 3190488
Conc: 21.31 ug/ml

Instrument :
FID_E
ClientSampleId :



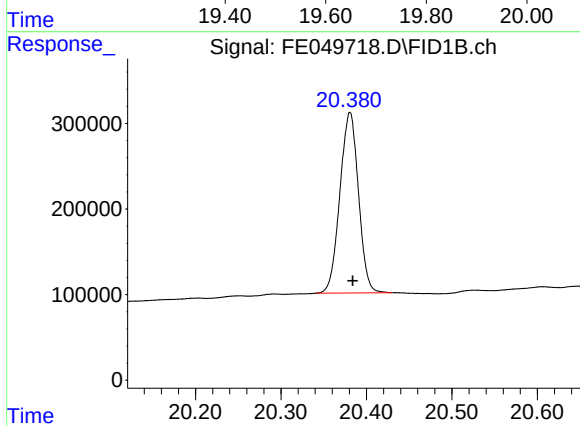
#18 n-Dotriacontane (C32)

R.T.: 18.859 min
Delta R.T.: -0.003 min
Response: 3316497
Conc: 21.92 ug/ml



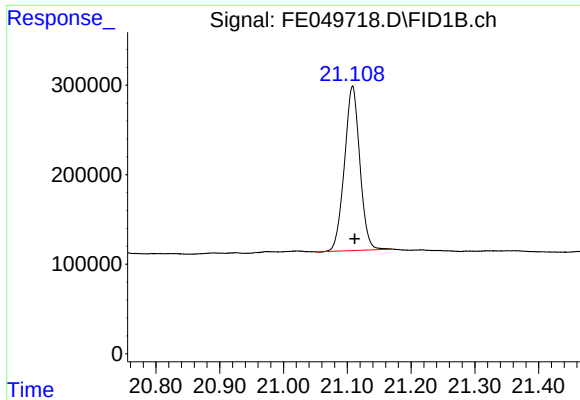
#19 n-Tetratriacontane (C34)

R.T.: 19.641 min
Delta R.T.: -0.003 min
Response: 3287623
Conc: 21.50 ug/ml



#20 n-Hexatriacontane (C36)

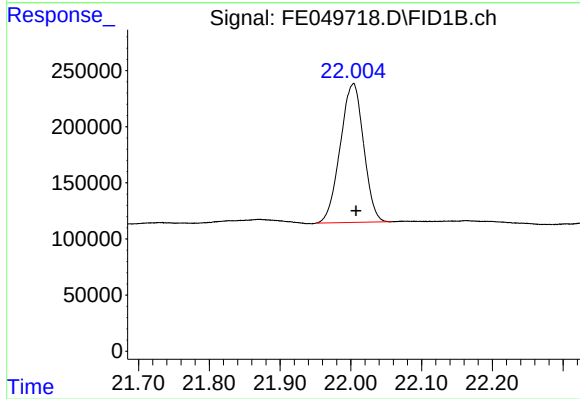
R.T.: 20.381 min
Delta R.T.: -0.003 min
Response: 3189122
Conc: 21.00 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.108 min
Delta R.T.: -0.003 min
Response: 3080944
Conc: 19.63 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.003 min
Delta R.T.: -0.004 min
Response: 2834630
Conc: 18.57 ug/ml