

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071824AL\
 Data File : FE049179.D
 Signal(s) : FID1B.ch
 Acq On : 18 Jul 2024 12:33
 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: Jul 19 01:30:41 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 071724.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 17 14:26:40 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)	11.909	2770297	17.861 ug/ml
Spiked Amount 50.000		Recovery =	35.72%
12) S 1-chlorooctadecane (S...	13.343	2116148	18.112 ug/ml
Spiked Amount 50.000		Recovery =	36.22%
Target Compounds			
1) T n-Nonane (C9)	3.298	2496839	16.603 ug/ml
2) T n-Decane (C10)	4.548	2676090	17.326 ug/ml
3) T A~Naphthalene (C11.7)	6.253	2697747	17.315 ug/ml
4) T n-Dodecane (C12)	6.714	2685181	17.439 ug/ml
5) T A~2-methylnaphthalene...	7.349	2546779	17.500 ug/ml
6) T n-Tetradecane (C14)	8.541	2666025	17.566 ug/ml
7) T n-Hexadecane (C16)	10.148	2712732	17.887 ug/ml
8) T n-Octadecane (C18)	11.590	2722795	17.933 ug/ml
10) T n-Eicosane (C20)	12.899	2601664	17.991 ug/ml
11) T n-Heneicosane (C21)	13.510	2550280	17.984 ug/ml
13) T n-Docosane (C22)	14.096	2542983	18.100 ug/ml
14) T n-Tetracosane (C24)	15.198	2597560	18.534 ug/ml
15) T n-Hexacosane (C26)	16.218	2614993	18.649 ug/ml
16) T n-Octacosane (C28)	17.167	2706740	19.338 ug/ml
17) T n-Tricontane (C30)	18.055	3017970	20.689 ug/ml
18) T n-Dotriacontane (C32)	18.886	3084489	20.978 ug/ml
19) T n-Tetratriacontane (C34)	19.668	2979056	20.395 ug/ml
20) T n-Hexatriacontane (C36)	20.409	2894183	20.076 ug/ml
21) T n-Octatriacontane (C38)	21.138	2919572	19.504 ug/ml
22) T n-Tetracontane (C40)	22.045	2834620	18.784 ug/ml

(f)=RT Delta > 1/2 Window

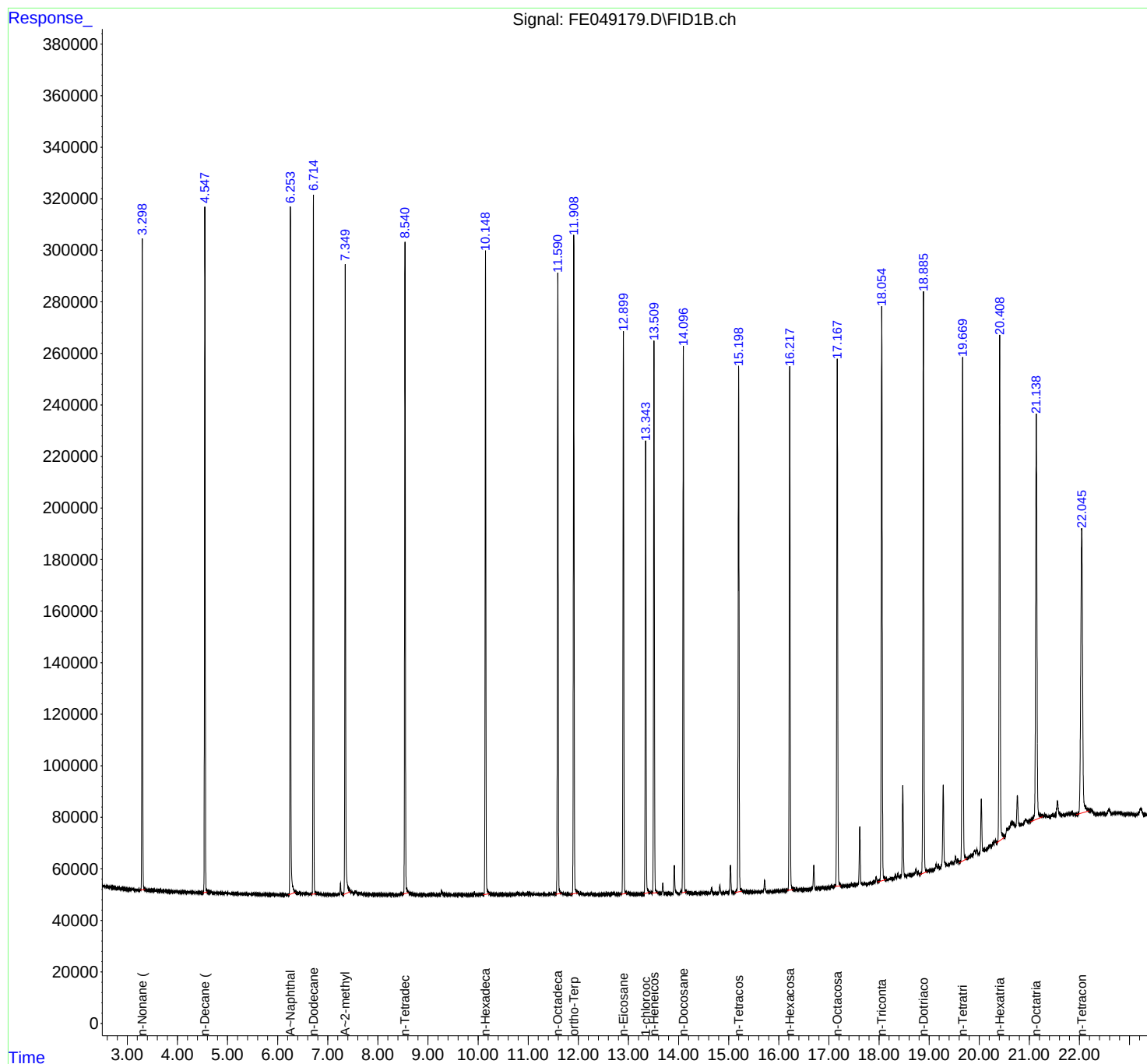
(m)=manual int.

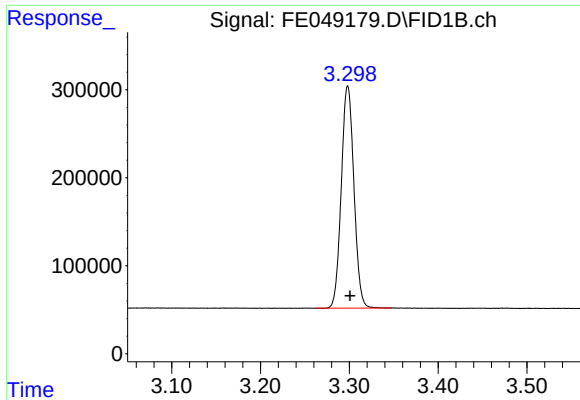
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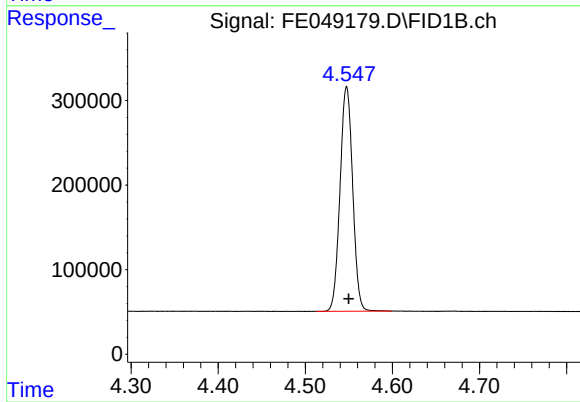




#1 n-Nonane (C9)

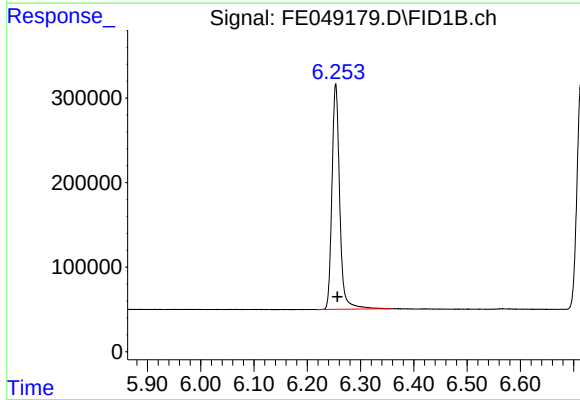
R.T.: 3.298 min
Delta R.T.: -0.003 min
Response: 2496839
Conc: 16.60 ug/ml

Instrument :
FID_E
ClientSampleId :



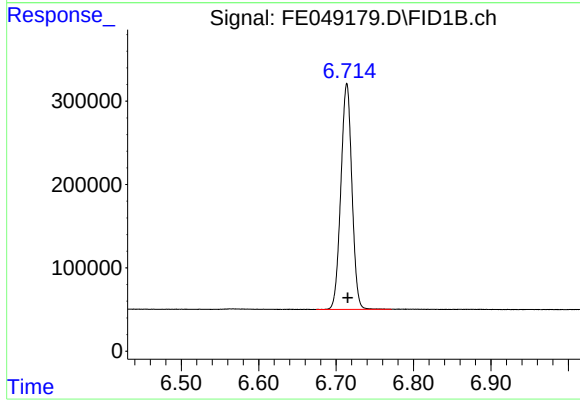
#2 n-Decane (C10)

R.T.: 4.548 min
Delta R.T.: -0.002 min
Response: 2676090
Conc: 17.33 ug/ml



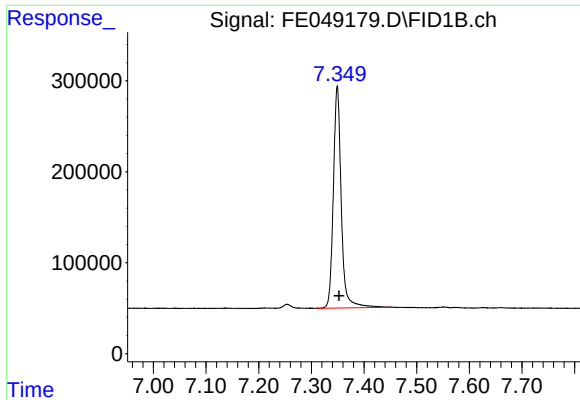
#3 A~Naphthalene (C11.7)

R.T.: 6.253 min
Delta R.T.: -0.003 min
Response: 2697747
Conc: 17.32 ug/ml



#4 n-Dodecane (C12)

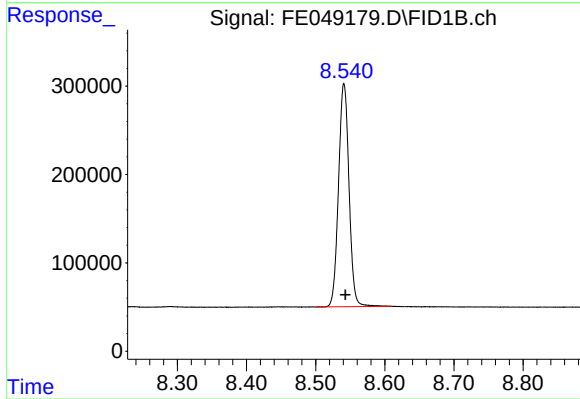
R.T.: 6.714 min
Delta R.T.: -0.001 min
Response: 2685181
Conc: 17.44 ug/ml



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

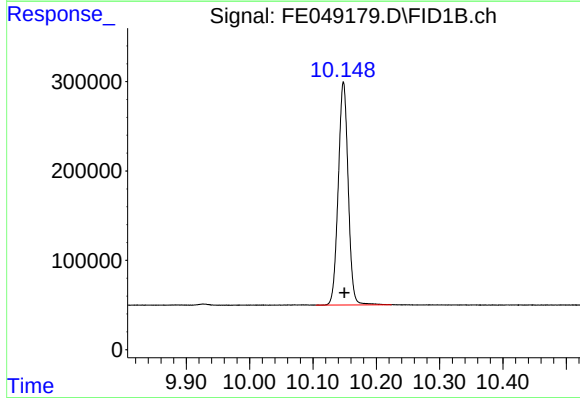
R.T.: 7.349 min
Delta R.T.: -0.003 min
Response: 2546779
Conc: 17.50 ug/ml

Instrument :
FID_E
ClientSampleId :



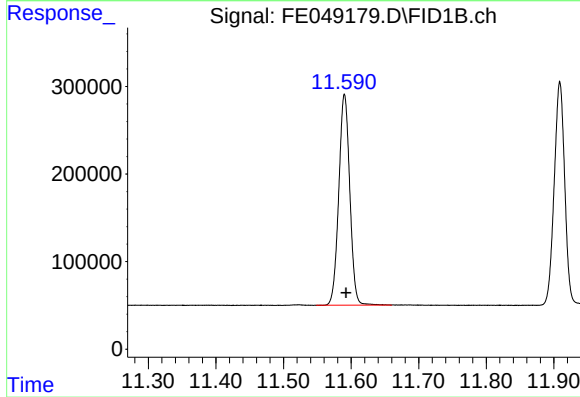
#6 n-Tetradecane (C14)

R.T.: 8.541 min
Delta R.T.: -0.002 min
Response: 2666025
Conc: 17.57 ug/ml



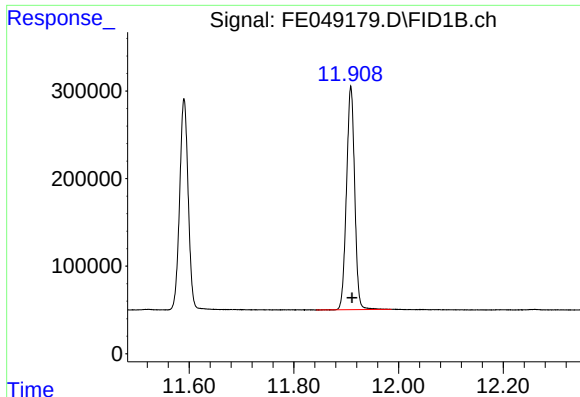
#7 n-Hexadecane (C16)

R.T.: 10.148 min
Delta R.T.: -0.002 min
Response: 2712732
Conc: 17.89 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.590 min
Delta R.T.: -0.003 min
Response: 2722795
Conc: 17.93 ug/ml



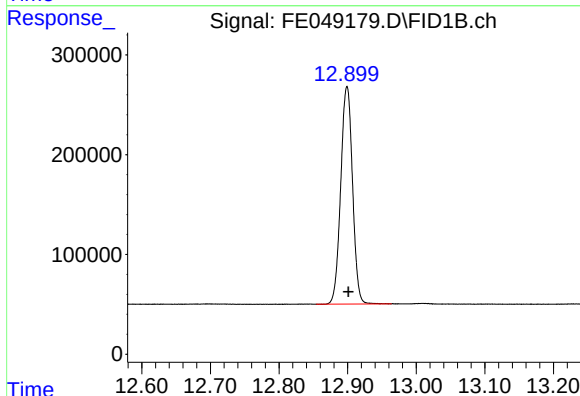
#9 ortho-Terphenyl (SURR)

R.T.: 11.909 min
Delta R.T.: -0.002 min
Response: 2770297
Conc: 17.86 ug/ml

Instrument :

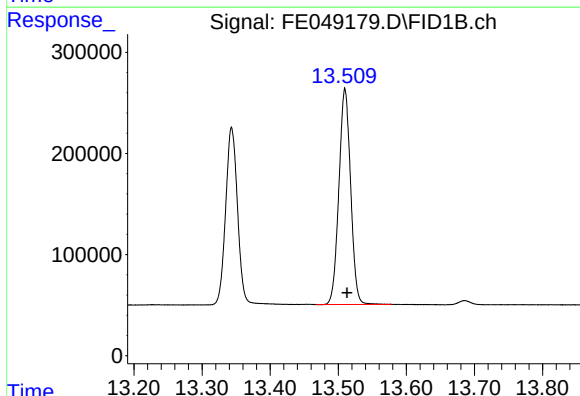
FID_E

ClientSampleId :



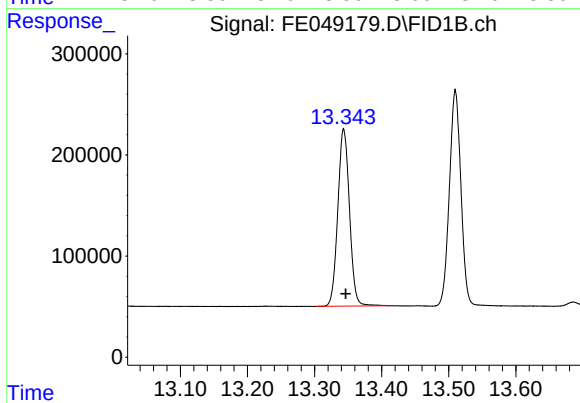
#10 n-Eicosane (C20)

R.T.: 12.899 min
Delta R.T.: -0.002 min
Response: 2601664
Conc: 17.99 ug/ml



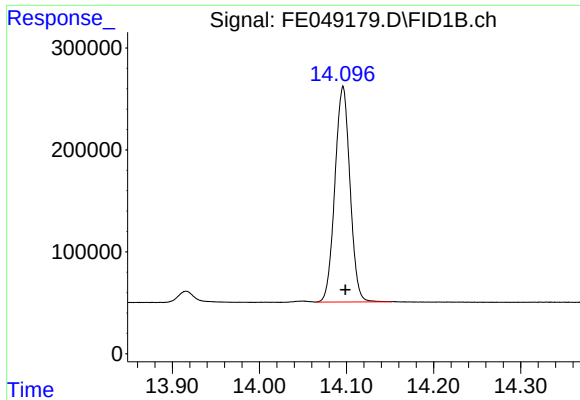
#11 n-Heneicosane (C21)

R.T.: 13.510 min
Delta R.T.: -0.003 min
Response: 2550280
Conc: 17.98 ug/ml



#12 1-chlorooctadecane (SURR)

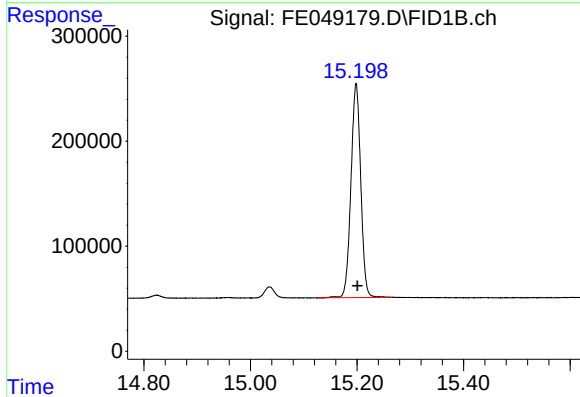
R.T.: 13.343 min
Delta R.T.: -0.003 min
Response: 2116148
Conc: 18.11 ug/ml



#13 n-Docosane (C22)

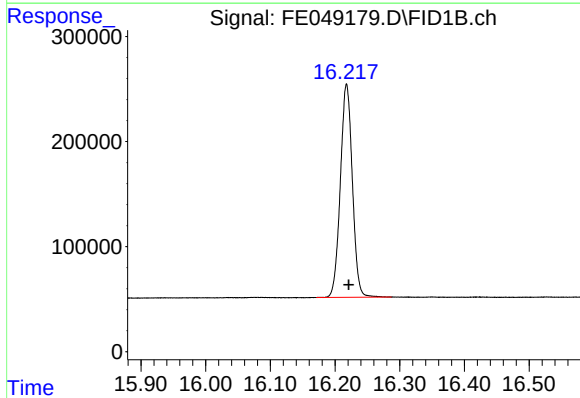
R.T.: 14.096 min
Delta R.T.: -0.003 min
Response: 2542983
Conc: 18.10 ug/ml

Instrument :
FID_E
ClientSampleId :



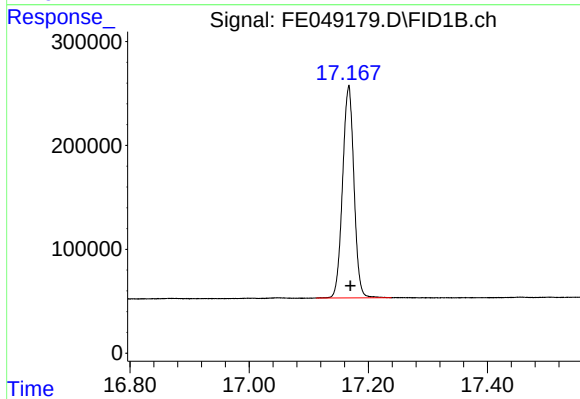
#14 n-Tetracosane (C24)

R.T.: 15.198 min
Delta R.T.: -0.002 min
Response: 2597560
Conc: 18.53 ug/ml



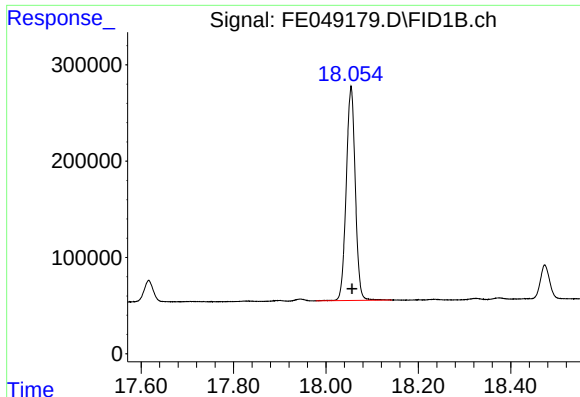
#15 n-Hexacosane (C26)

R.T.: 16.218 min
Delta R.T.: -0.003 min
Response: 2614993
Conc: 18.65 ug/ml



#16 n-Octacosane (C28)

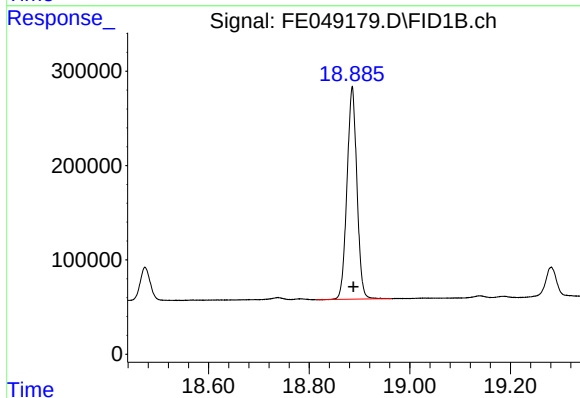
R.T.: 17.167 min
Delta R.T.: -0.003 min
Response: 2706740
Conc: 19.34 ug/ml



#17 n-Tricontane (C30)

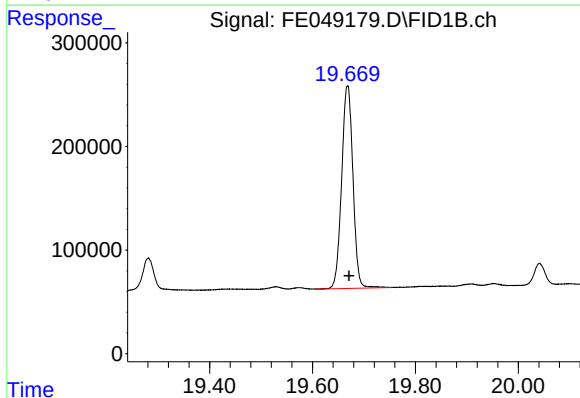
R.T.: 18.055 min
Delta R.T.: -0.002 min
Response: 3017970
Conc: 20.69 ug/ml

Instrument :
FID_E
ClientSampleId :



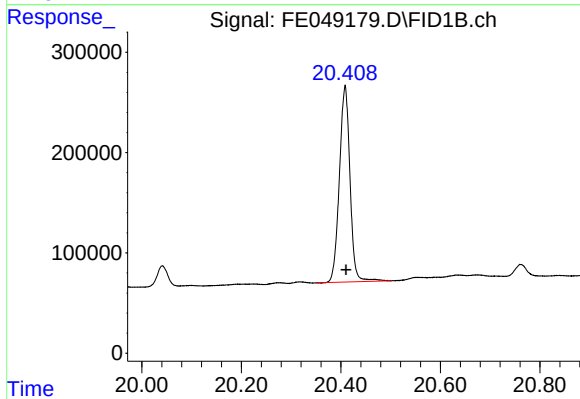
#18 n-Dotriacontane (C32)

R.T.: 18.886 min
Delta R.T.: -0.003 min
Response: 3084489
Conc: 20.98 ug/ml



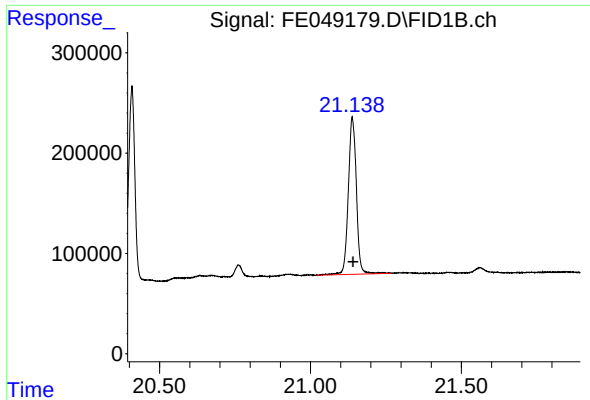
#19 n-Tetratriacontane (C34)

R.T.: 19.668 min
Delta R.T.: -0.003 min
Response: 2979056
Conc: 20.39 ug/ml



#20 n-Hexatriacontane (C36)

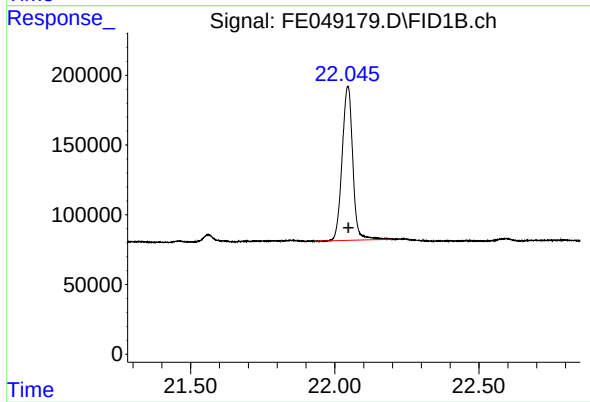
R.T.: 20.409 min
Delta R.T.: -0.002 min
Response: 2894183
Conc: 20.08 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.138 min
Delta R.T.: -0.004 min
Response: 2919572
Conc: 19.50 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.045 min
Delta R.T.: -0.002 min
Response: 2834620
Conc: 18.78 ug/ml