

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE022025AL\
 Data File : FE052421.D
 Signal(s) : FID1B.ch
 Acq On : 20 Feb 2025 11:45
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Feb 21 01:43:09 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 021325.M
 Quant Title : GC Extractables
 QLast Update : Fri Feb 14 00:50:00 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)	11.921	3286037	17.579 ug/ml
Spiked Amount 50.000		Recovery =	35.16%
12) S 1-chlorooctadecane (S...	13.367	2458092	17.685 ug/ml
Spiked Amount 50.000		Recovery =	35.37%
Target Compounds			
1) T n-Nonane (C9)	3.257	2768937	18.039 ug/ml
2) T n-Decane (C10)	4.519	2954911	18.919 ug/ml
3) T A~Naphthalene (C11.7)	6.233	3261367	18.877 ug/ml
4) T n-Dodecane (C12)	6.702	2999186	19.001 ug/ml
5) T A~2-methylnaphthalene...	7.335	3180891	18.940 ug/ml
6) T n-Tetradecane (C14)	8.540	2954443	18.757 ug/ml
7) T n-Hexadecane (C16)	10.155	3021056	18.484 ug/ml
8) T n-Octadecane (C18)	11.605	3019298	18.248 ug/ml
10) T n-Eicosane (C20)	12.921	2900422	18.193 ug/ml
11) T n-Heneicosane (C21)	13.535	2820853	18.005 ug/ml
13) T n-Docosane (C22)	14.124	2876186	18.379 ug/ml
14) T n-Tetracosane (C24)	15.231	3030428	19.269 ug/ml
15) T n-Hexacosane (C26)	16.256	3053034	19.711 ug/ml
16) T n-Octacosane (C28)	17.209	3129396	20.459 ug/ml
17) T n-Tricontane (C30)	18.098	3300339	21.143 ug/ml
18) T n-Dotriacontane (C32)	18.933	3219311	21.039 ug/ml
19) T n-Tetratriacontane (C34)	19.718	2741740	19.272 ug/ml
20) T n-Hexatriacontane (C36)	20.460	2250135	18.053 ug/ml
21) T n-Octatriacontane (C38)	21.204	2087977	19.103 ug/ml
22) T n-Tetracontane (C40)	22.127	2061685	20.496 ug/ml

(f)=RT Delta > 1/2 Window

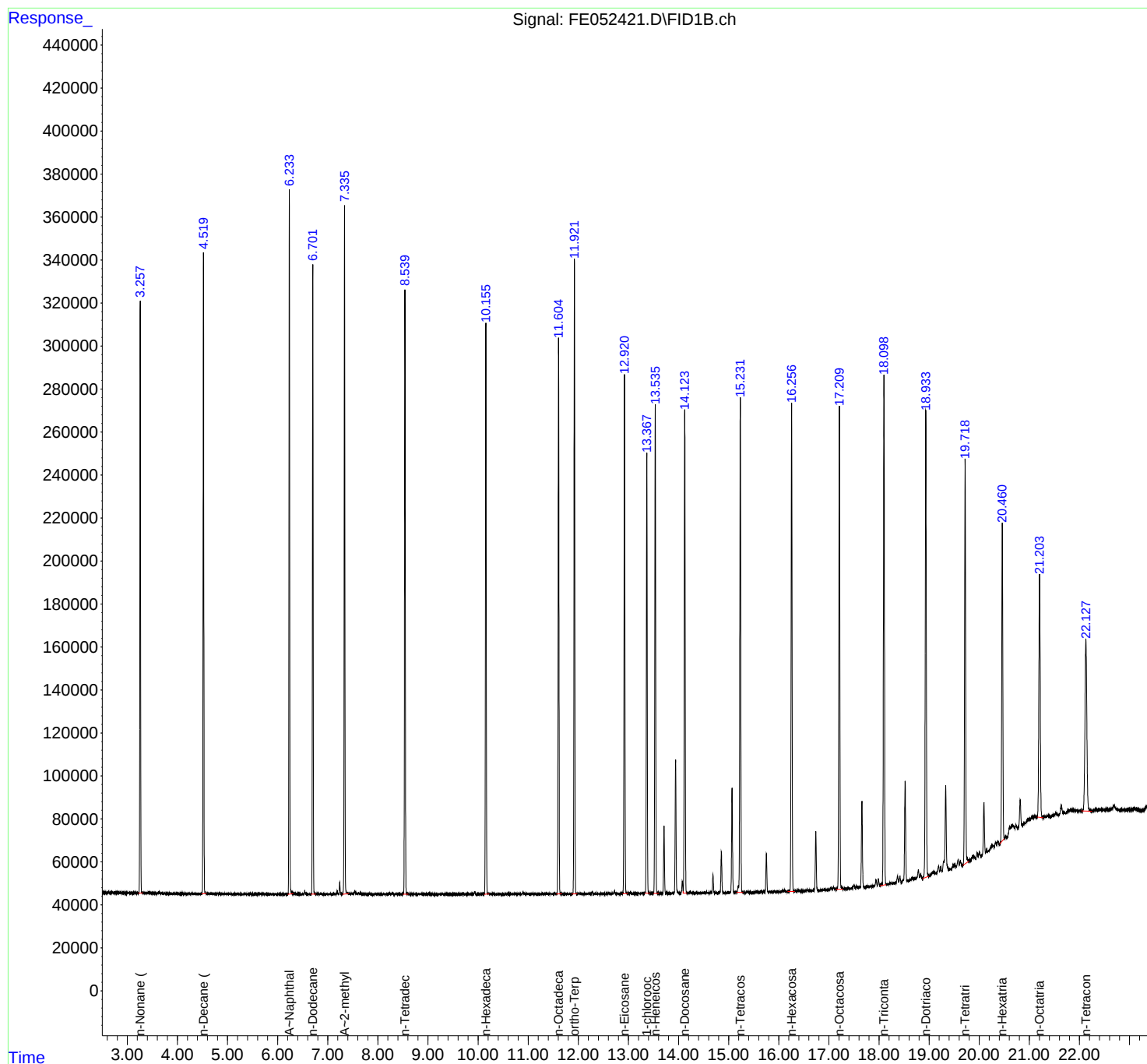
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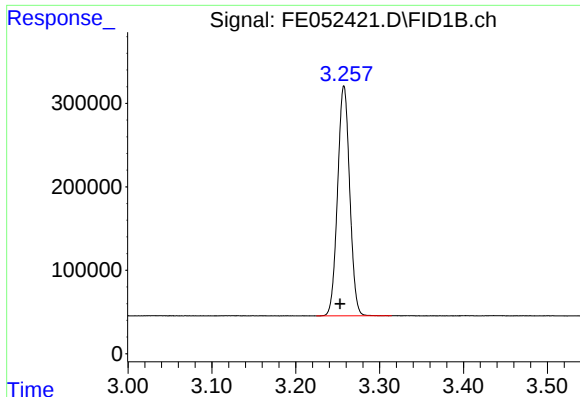
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE022025AL\
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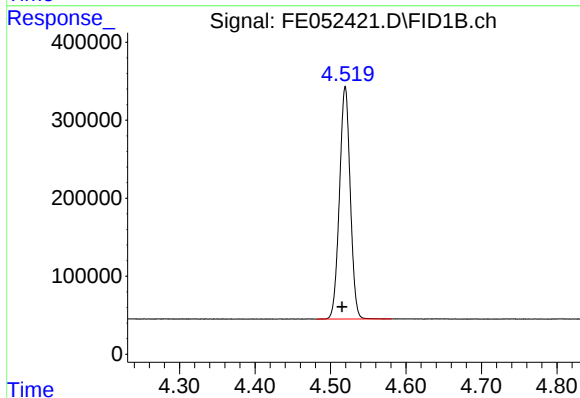




#1 n-Nonane (C9)

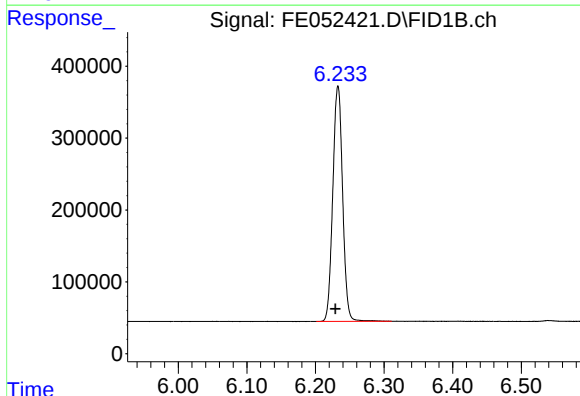
R.T.: 3.257 min
Delta R.T.: 0.004 min
Response: 2768937
Conc: 18.04 ug/ml

Instrument :
FID_E
ClientSampleId :



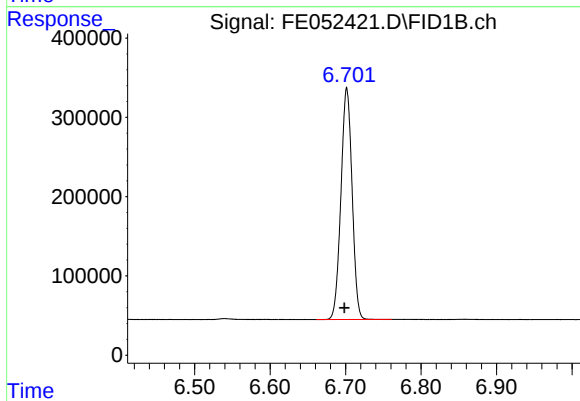
#2 n-Decane (C10)

R.T.: 4.519 min
Delta R.T.: 0.004 min
Response: 2954911
Conc: 18.92 ug/ml



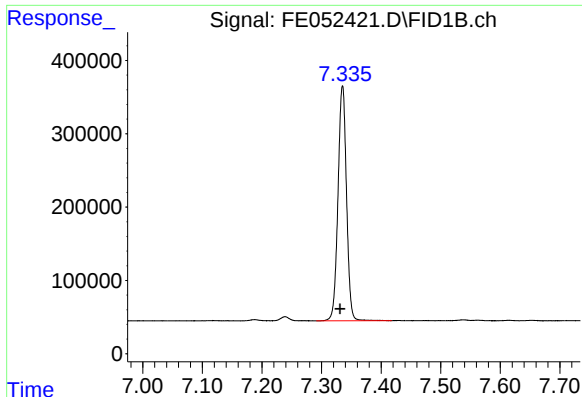
#3 A~Naphthalene (C11.7)

R.T.: 6.233 min
Delta R.T.: 0.004 min
Response: 3261367
Conc: 18.88 ug/ml



#4 n-Dodecane (C12)

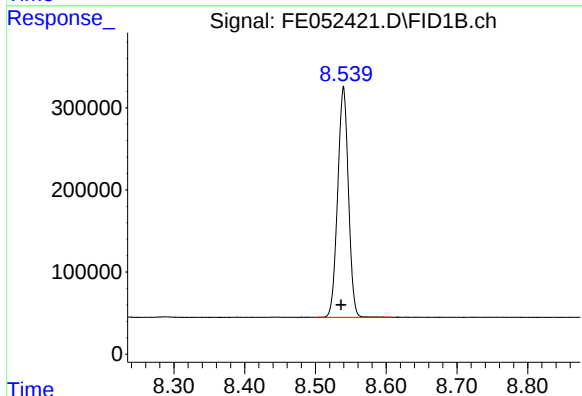
R.T.: 6.702 min
Delta R.T.: 0.003 min
Response: 2999186
Conc: 19.00 ug/ml



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

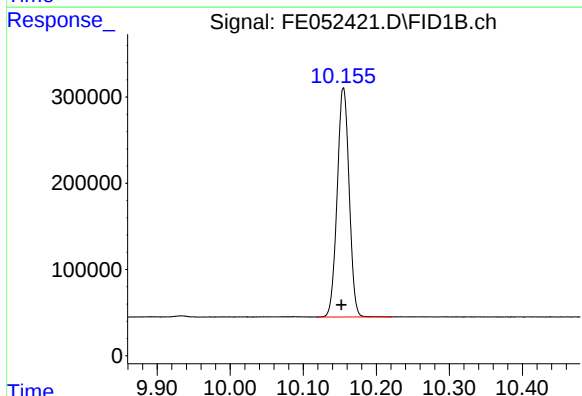
R.T.: 7.335 min
Delta R.T.: 0.004 min
Response: 3180891
Conc: 18.94 ug/ml

Instrument :
FID_E
ClientSampleId :



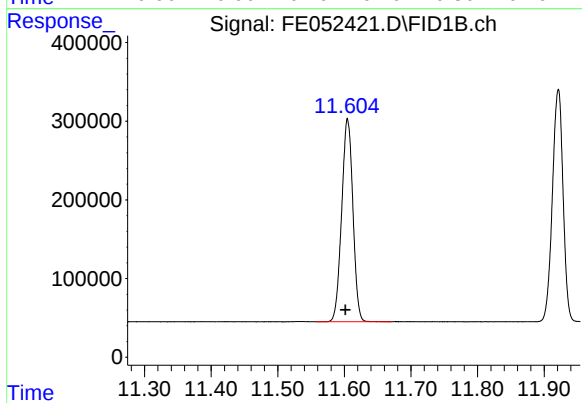
#6 n-Tetradecane (C14)

R.T.: 8.540 min
Delta R.T.: 0.004 min
Response: 2954443
Conc: 18.76 ug/ml



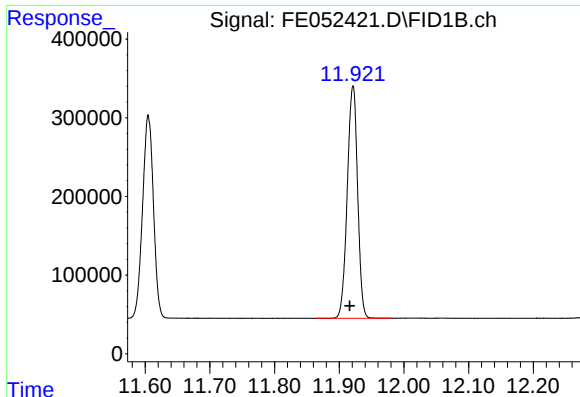
#7 n-Hexadecane (C16)

R.T.: 10.155 min
Delta R.T.: 0.003 min
Response: 3021056
Conc: 18.48 ug/ml



#8 n-Octadecane (C18)

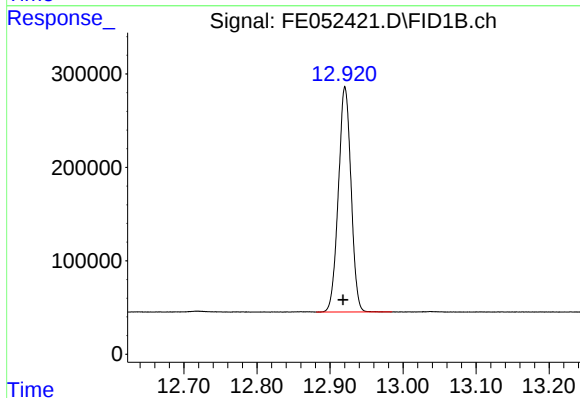
R.T.: 11.605 min
Delta R.T.: 0.003 min
Response: 3019298
Conc: 18.25 ug/ml



#9 ortho-Terphenyl (SURR)

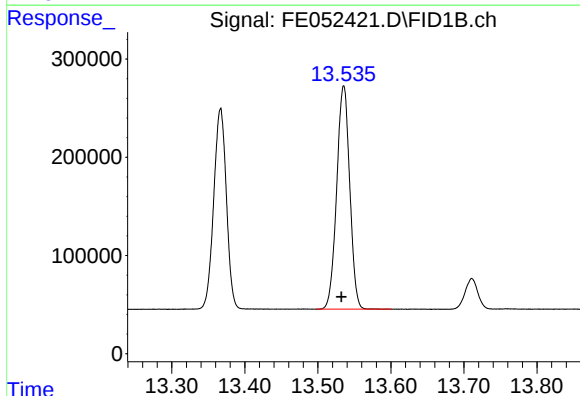
R.T.: 11.921 min
Delta R.T.: 0.005 min
Response: 3286037
Conc: 17.58 ug/ml

Instrument :
FID_E
ClientSampleId :



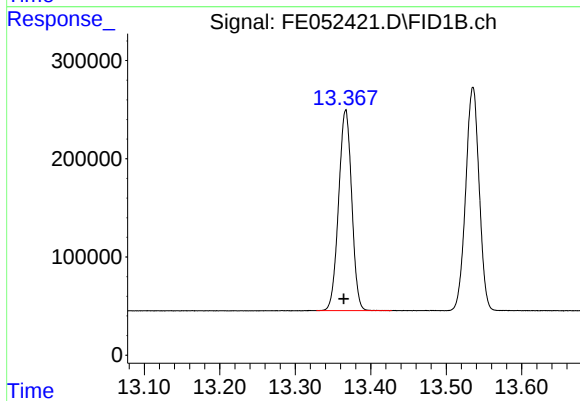
#10 n-Eicosane (C20)

R.T.: 12.921 min
Delta R.T.: 0.003 min
Response: 2900422
Conc: 18.19 ug/ml



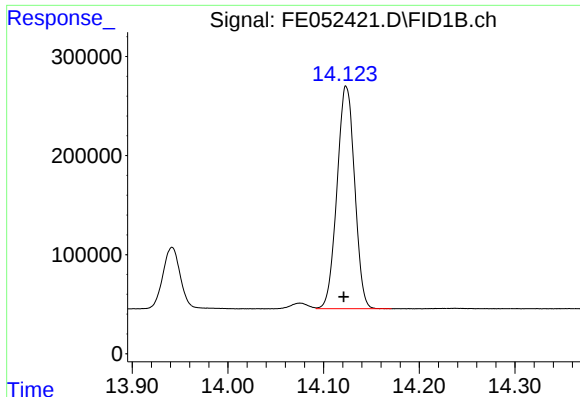
#11 n-Heneicosane (C21)

R.T.: 13.535 min
Delta R.T.: 0.003 min
Response: 2820853
Conc: 18.00 ug/ml



#12 1-chlorooctadecane (SURR)

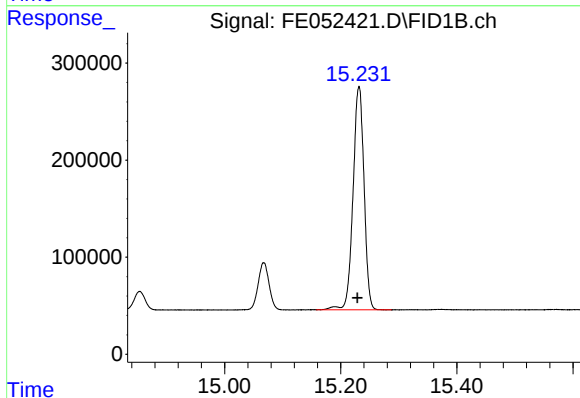
R.T.: 13.367 min
Delta R.T.: 0.003 min
Response: 2458092
Conc: 17.68 ug/ml



#13 n-Docosane (C22)

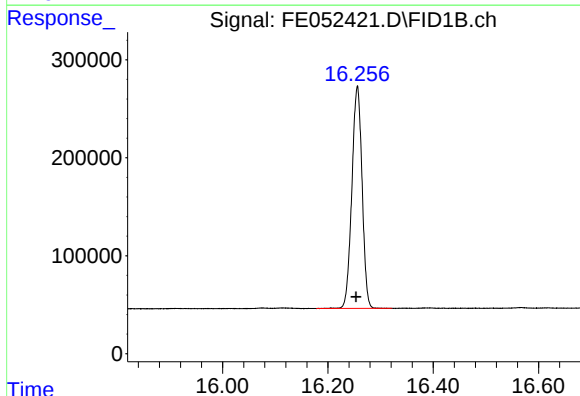
R.T.: 14.124 min
Delta R.T.: 0.003 min
Response: 2876186
Conc: 18.38 ug/ml

Instrument :
FID_E
ClientSampleId :



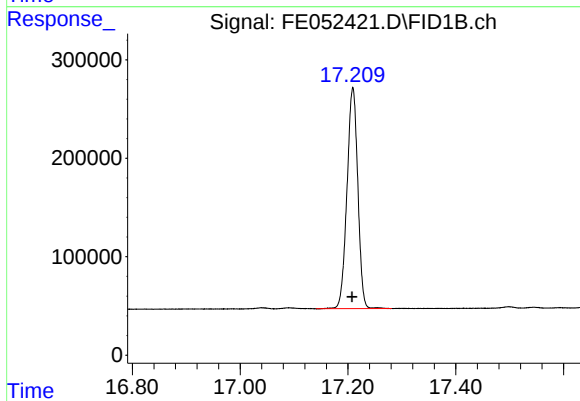
#14 n-Tetracosane (C24)

R.T.: 15.231 min
Delta R.T.: 0.002 min
Response: 3030428
Conc: 19.27 ug/ml



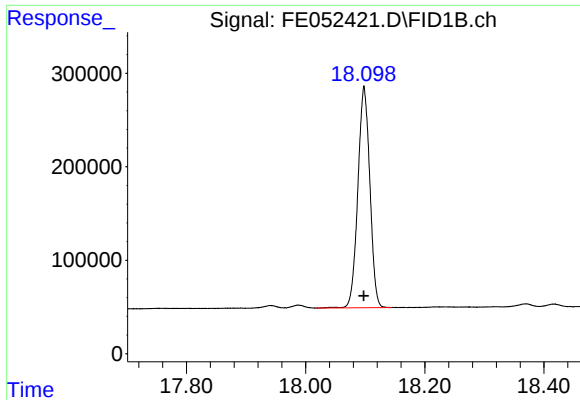
#15 n-Hexacosane (C26)

R.T.: 16.256 min
Delta R.T.: 0.002 min
Response: 3053034
Conc: 19.71 ug/ml



#16 n-Octacosane (C28)

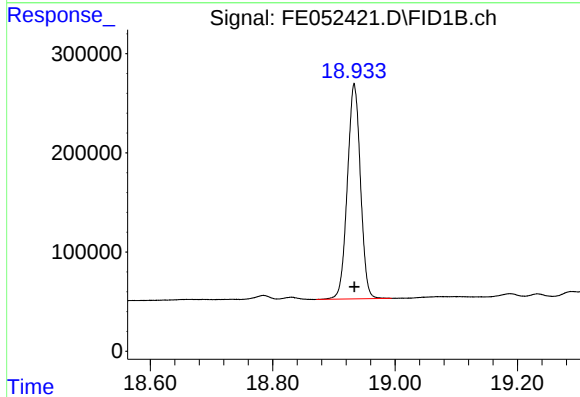
R.T.: 17.209 min
Delta R.T.: 0.001 min
Response: 3129396
Conc: 20.46 ug/ml



#17 n-Tricontane (C30)

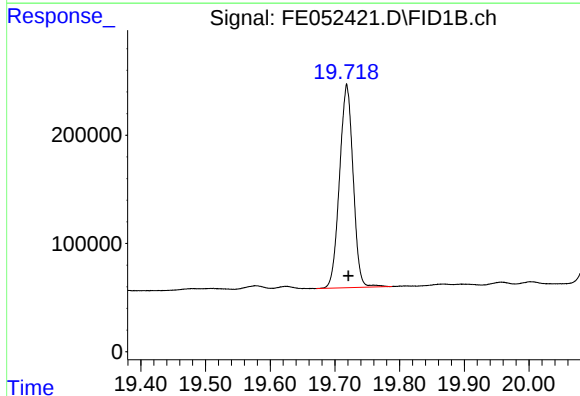
R.T.: 18.098 min
Delta R.T.: 0.000 min
Response: 3300339
Conc: 21.14 ug/ml

Instrument :
FID_E
ClientSampleId :



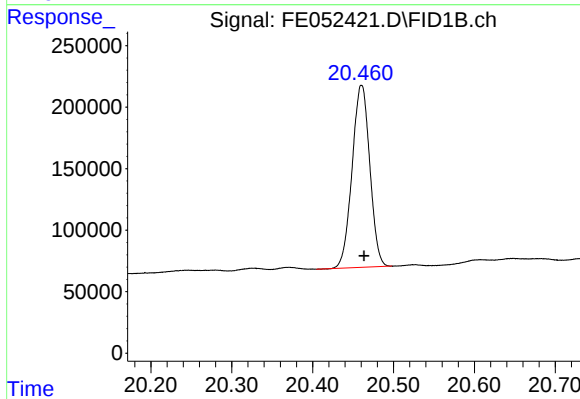
#18 n-Dotriacontane (C32)

R.T.: 18.933 min
Delta R.T.: 0.000 min
Response: 3219311
Conc: 21.04 ug/ml



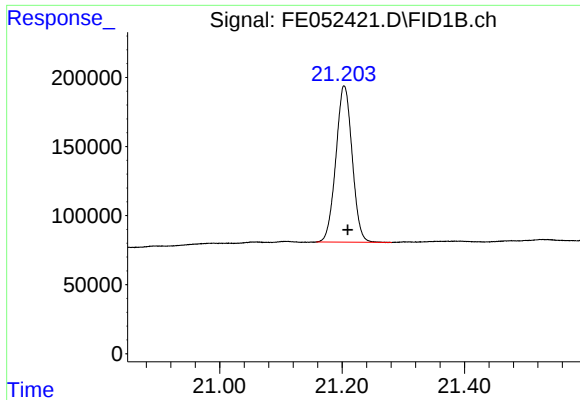
#19 n-Tetratriacontane (C34)

R.T.: 19.718 min
Delta R.T.: -0.002 min
Response: 2741740
Conc: 19.27 ug/ml



#20 n-Hexatriacontane (C36)

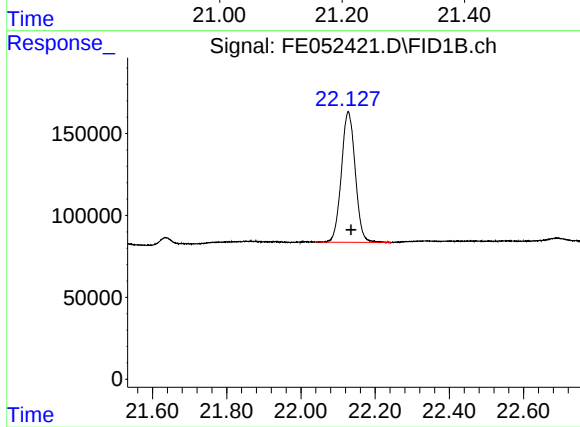
R.T.: 20.460 min
Delta R.T.: -0.003 min
Response: 2250135
Conc: 18.05 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.204 min
Delta R.T.: -0.006 min
Response: 2087977
Conc: 19.10 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.127 min
Delta R.T.: -0.008 min
Response: 2061685
Conc: 20.50 ug/ml