

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE053123AL\
 Data File : FE042320.D
 Signal(s) : FID1B.ch
 Acq On : 31 May 2023 23:12
 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: Jun 01 09:14:37 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051823.M
 Quant Title : GC Extractables
 QLast Update : Thu May 18 06:27:12 2023
 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)	11.954	3377344	19.127 ug/ml
Spiked Amount 50.000		Recovery =	38.25%
12) S 1-chlorooctadecane (S...	13.390	2476872	18.640 ug/ml
Spiked Amount 50.000		Recovery =	37.28%
Target Compounds			
1) T n-Nonane (C9)	3.336	2781711	19.291 ug/ml
2) T n-Decane (C10)	4.587	2867291	19.369 ug/ml
3) T A~Naphthalene (C11.7)	6.294	3129276	19.179 ug/ml
4) T n-Dodecane (C12)	6.755	2903156	19.360 ug/ml
5) T A~2-methylnaphthalene...	7.391	3015242	18.999 ug/ml
6) T n-Tetradecane (C14)	8.584	2876154	19.199 ug/ml
7) T n-Hexadecane (C16)	10.191	2981985	19.143 ug/ml
8) T n-Octadecane (C18)	11.634	3008737	19.026 ug/ml
10) T n-Eicosane (C20)	12.944	2881767	19.011 ug/ml
11) T n-Heneicosane (C21)	13.556	2810741	18.972 ug/ml
13) T n-Docosane (C22)	14.143	2763121	18.848 ug/ml
14) T n-Tetracosane (C24)	15.246	2725889	18.883 ug/ml
15) T n-Hexacosane (C26)	16.267	2659634	19.203 ug/ml
16) T n-Octacosane (C28)	17.215	2627857	19.628 ug/ml
17) T n-Tricontane (C30)	18.103	2778650	20.584 ug/ml
18) T n-Dotriacontane (C32)	18.936	2769155	20.729 ug/ml
19) T n-Tetratriacontane (C34)	19.718	2661323	20.237 ug/ml
20) T n-Hexatriacontane (C36)	20.460	3241638	24.941 ug/ml
21) T n-Octatriacontane (C38)	21.207	2461167	18.140 ug/ml
22) T n-Tetracontane (C40)	22.138	2600458	18.692 ug/ml

(f)=RT Delta > 1/2 Window

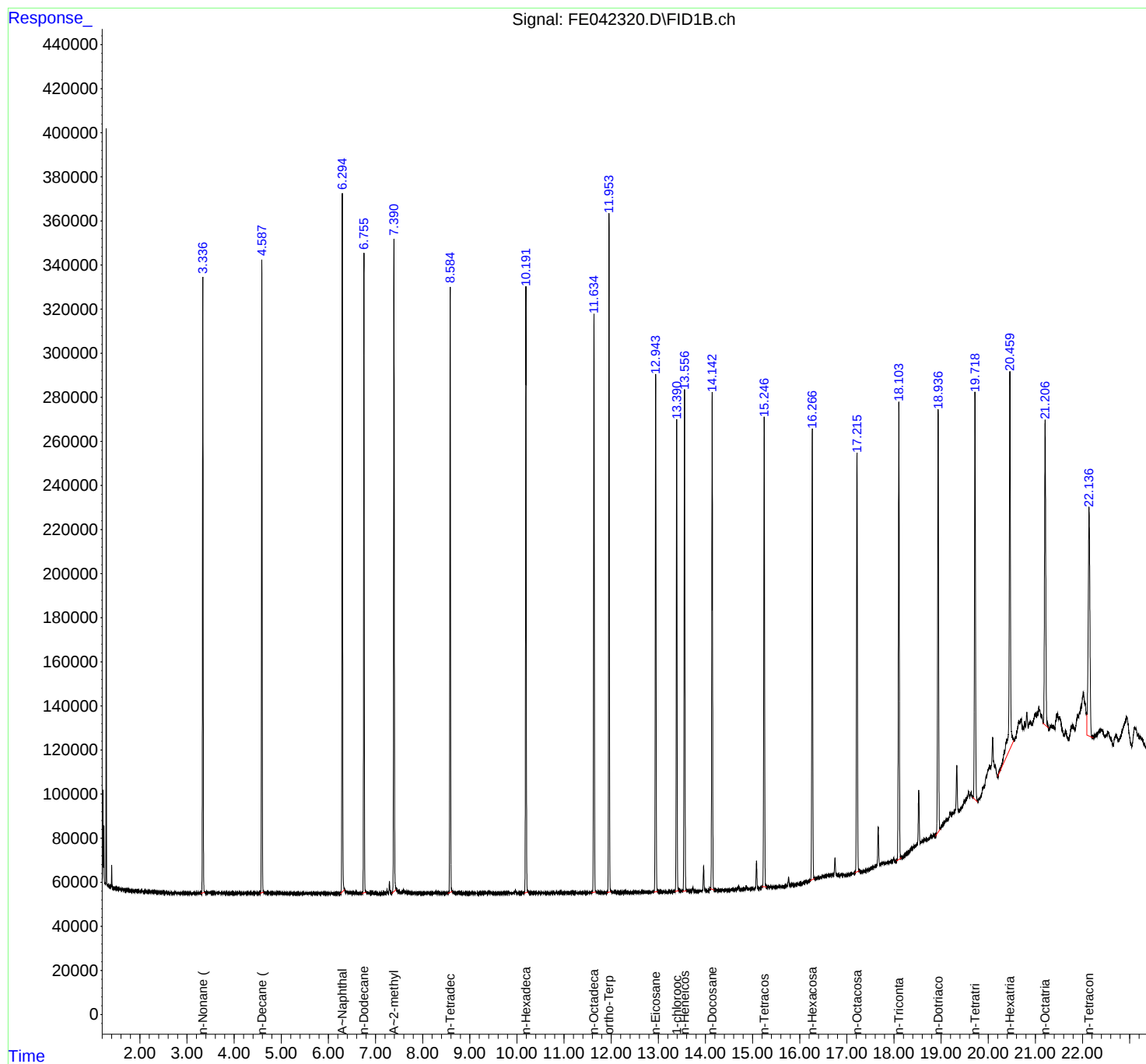
(m)=manual int.

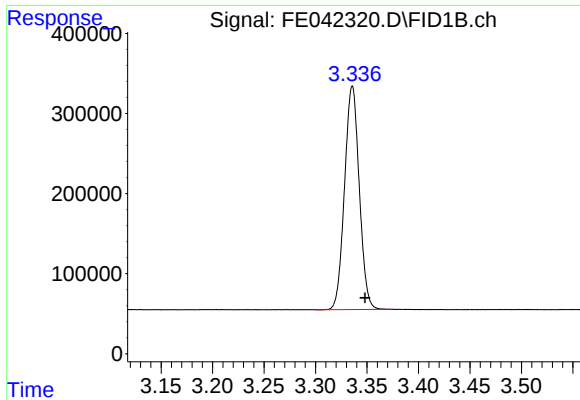
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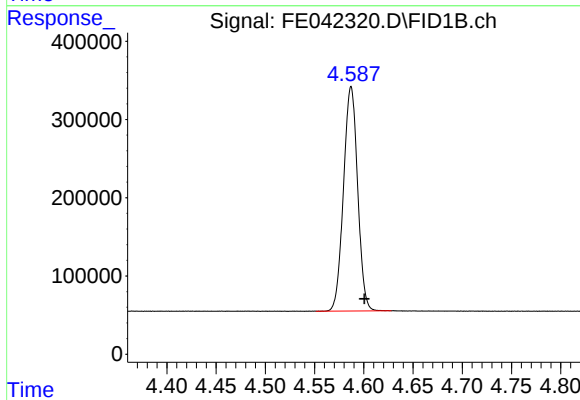




#1 n-Nonane (C9)

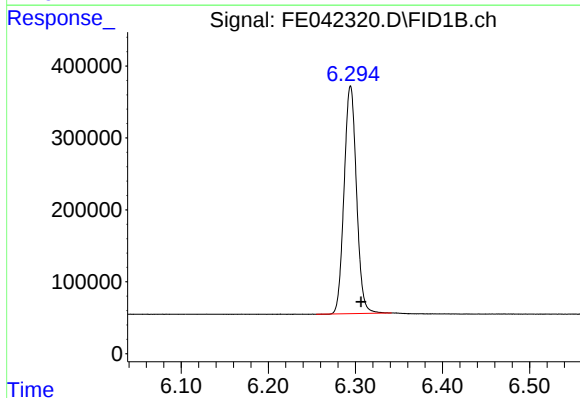
R.T.: 3.336 min
Delta R.T.: -0.012 min
Response: 2781711
Conc: 19.29 ug/ml

Instrument :
FID_E
ClientSampleId :



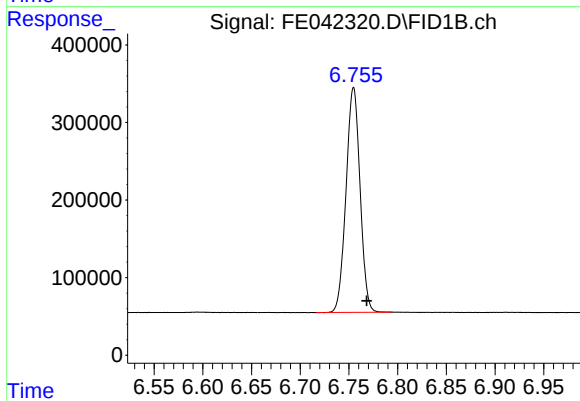
#2 n-Decane (C10)

R.T.: 4.587 min
Delta R.T.: -0.013 min
Response: 2867291
Conc: 19.37 ug/ml



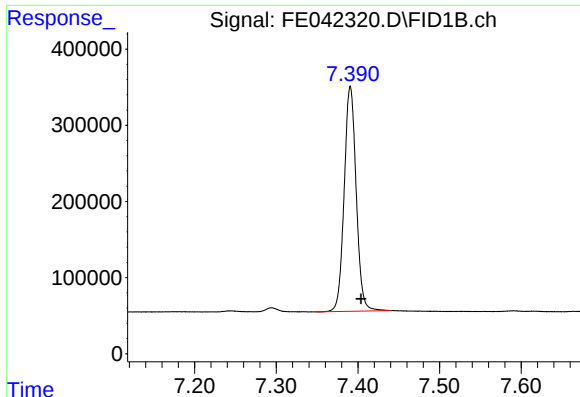
#3 A~Naphthalene (C11.7)

R.T.: 6.294 min
Delta R.T.: -0.012 min
Response: 3129276
Conc: 19.18 ug/ml



#4 n-Dodecane (C12)

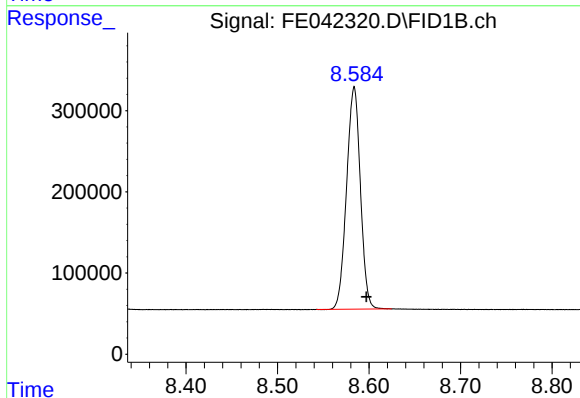
R.T.: 6.755 min
Delta R.T.: -0.013 min
Response: 2903156
Conc: 19.36 ug/ml



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

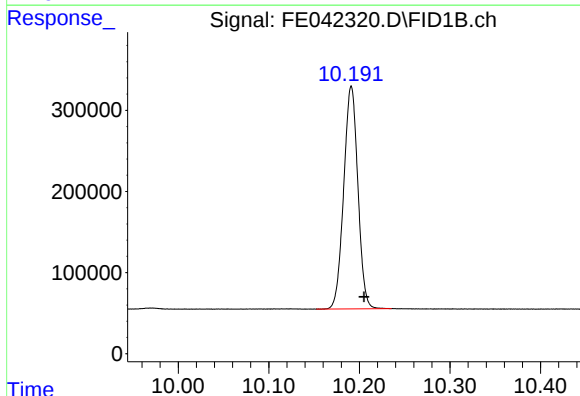
R.T.: 7.391 min
Delta R.T.: -0.013 min
Response: 3015242
Conc: 19.00 ug/ml

Instrument :
FID_E
ClientSampleId :



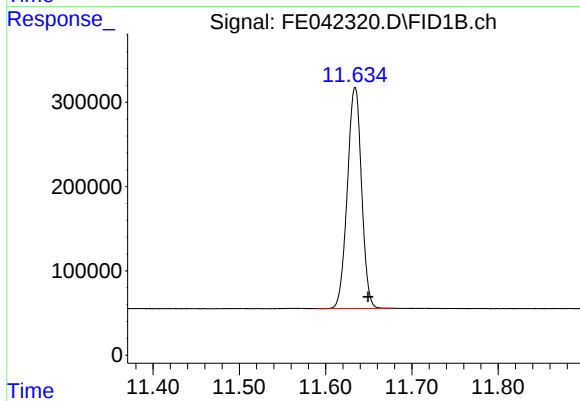
#6 n-Tetradecane (C14)

R.T.: 8.584 min
Delta R.T.: -0.013 min
Response: 2876154
Conc: 19.20 ug/ml



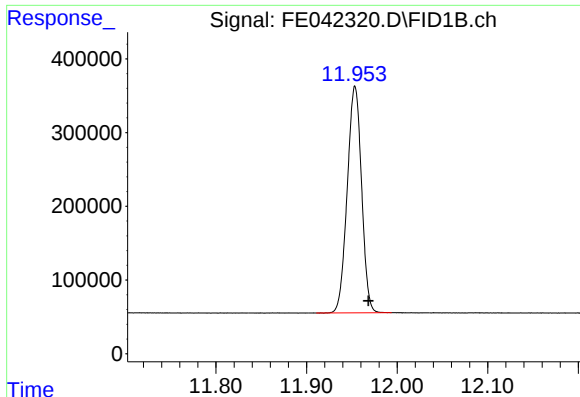
#7 n-Hexadecane (C16)

R.T.: 10.191 min
Delta R.T.: -0.014 min
Response: 2981985
Conc: 19.14 ug/ml



#8 n-Octadecane (C18)

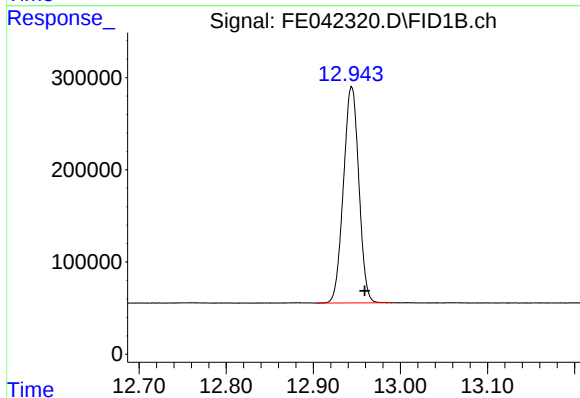
R.T.: 11.634 min
Delta R.T.: -0.015 min
Response: 3008737
Conc: 19.03 ug/ml



#9 ortho-Terphenyl (SURR)

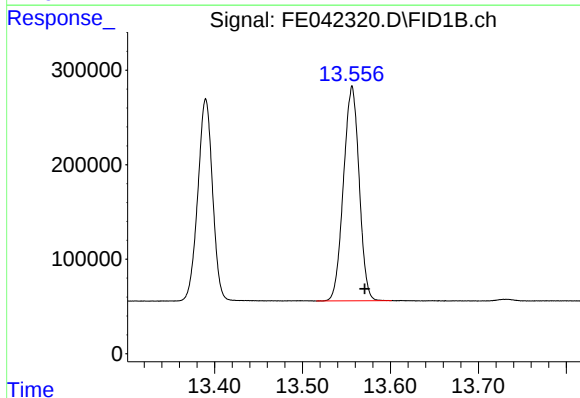
R.T.: 11.954 min
Delta R.T.: -0.015 min
Response: 3377344
Conc: 19.13 ug/ml

Instrument :
FID_E
ClientSampleId :



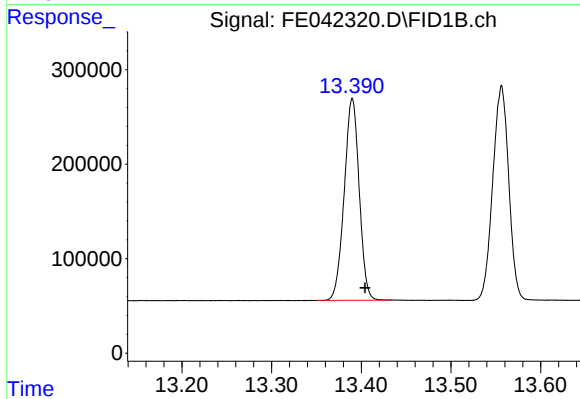
#10 n-Eicosane (C20)

R.T.: 12.944 min
Delta R.T.: -0.015 min
Response: 2881767
Conc: 19.01 ug/ml



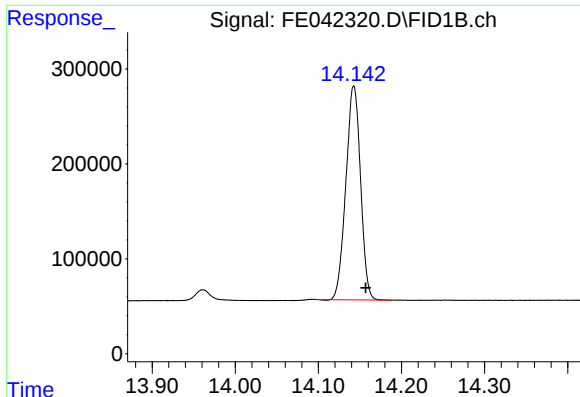
#11 n-Heneicosane (C21)

R.T.: 13.556 min
Delta R.T.: -0.014 min
Response: 2810741
Conc: 18.97 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.390 min
Delta R.T.: -0.014 min
Response: 2476872
Conc: 18.64 ug/ml



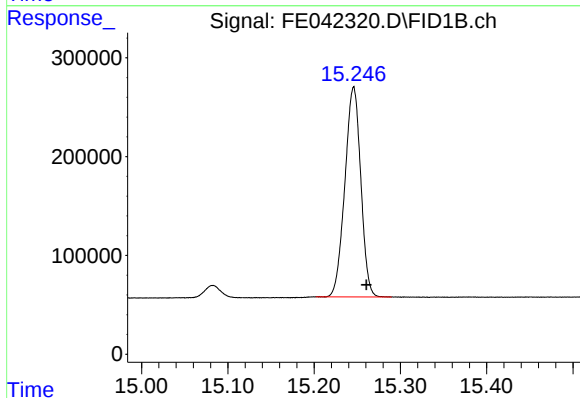
#13 n-Docosane (C22)

R.T.: 14.143 min
Delta R.T.: -0.014 min
Response: 2763121
Conc: 18.85 ug/ml

Instrument :

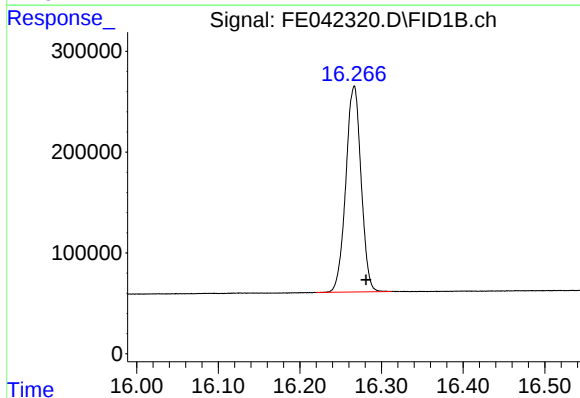
FID_E

ClientSampleId :



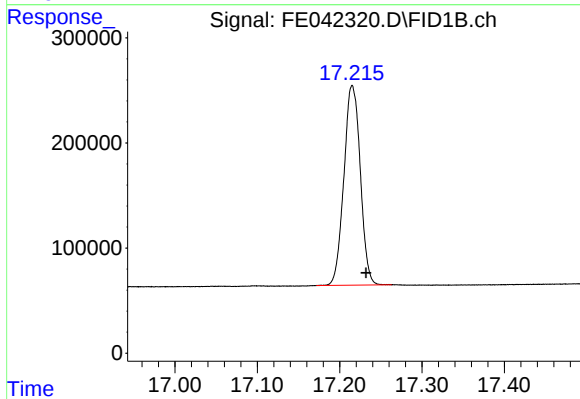
#14 n-Tetracosane (C24)

R.T.: 15.246 min
Delta R.T.: -0.015 min
Response: 2725889
Conc: 18.88 ug/ml



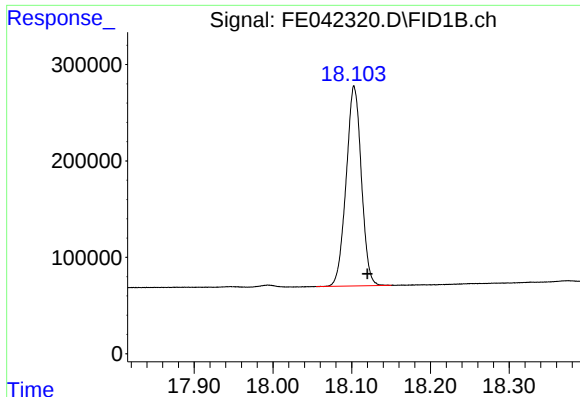
#15 n-Hexacosane (C26)

R.T.: 16.267 min
Delta R.T.: -0.015 min
Response: 2659634
Conc: 19.20 ug/ml



#16 n-Octacosane (C28)

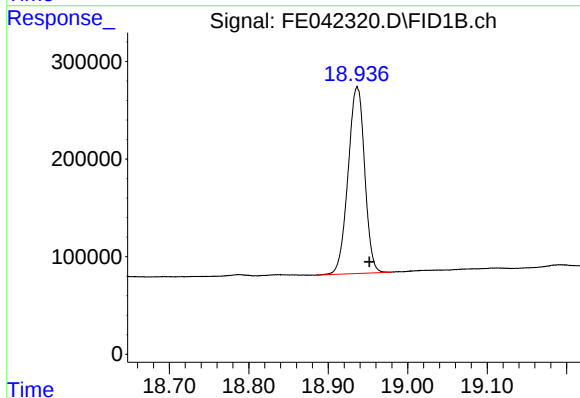
R.T.: 17.215 min
Delta R.T.: -0.017 min
Response: 2627857
Conc: 19.63 ug/ml



#17 n-Tricontane (C30)

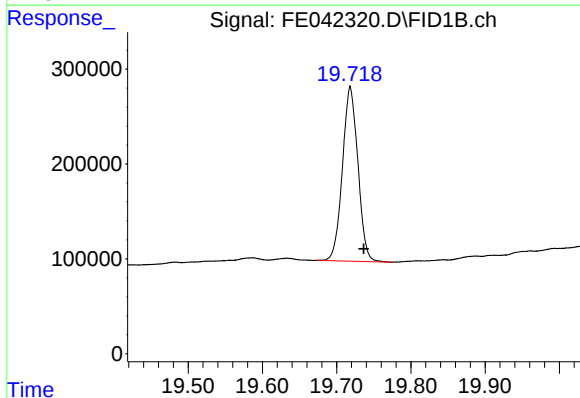
R.T.: 18.103 min
Delta R.T.: -0.017 min
Response: 2778650
Conc: 20.58 ug/ml

Instrument :
FID_E
ClientSampleId :



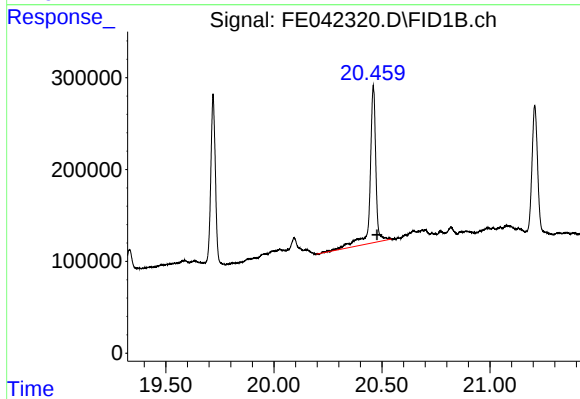
#18 n-Dotriacontane (C32)

R.T.: 18.936 min
Delta R.T.: -0.015 min
Response: 2769155
Conc: 20.73 ug/ml



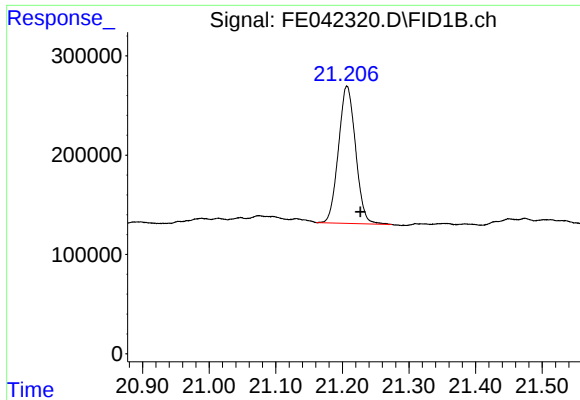
#19 n-Tetratriacontane (C34)

R.T.: 19.718 min
Delta R.T.: -0.018 min
Response: 2661323
Conc: 20.24 ug/ml



#20 n-Hexatriacontane (C36)

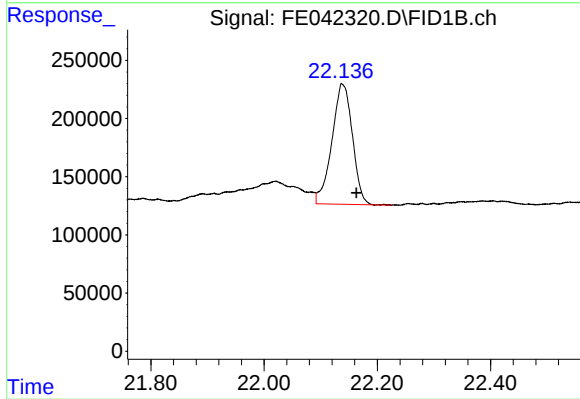
R.T.: 20.460 min
Delta R.T.: -0.017 min
Response: 3241638
Conc: 24.94 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.207 min
Delta R.T.: -0.020 min
Response: 2461167
Conc: 18.14 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.138 min
Delta R.T.: -0.025 min
Response: 2600458
Conc: 18.69 ug/ml