

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE060123AL\
 Data File : FE042360.D
 Signal(s) : FID1B.ch
 Acq On : 02 Jun 2023 00:50
 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 02 03:16:10 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)	11.951	3114007	17.635 ug/ml
Spiked Amount 50.000		Recovery =	35.27%
12) S 1-chlorooctadecane (S...	13.388	2297702	17.292 ug/ml
Spiked Amount 50.000		Recovery =	34.58%
Target Compounds			
1) T n-Nonane (C9)	3.331	2622947	18.190 ug/ml
2) T n-Decane (C10)	4.583	2704888	18.272 ug/ml
3) T A~Naphthalene (C11.7)	6.292	2905561	17.808 ug/ml
4) T n-Dodecane (C12)	6.752	2734135	18.233 ug/ml
5) T A~2-methylnaphthalene...	7.388	2795665	17.616 ug/ml
6) T n-Tetradecane (C14)	8.581	2703499	18.047 ug/ml
7) T n-Hexadecane (C16)	10.189	2798012	17.962 ug/ml
8) T n-Octadecane (C18)	11.632	2819944	17.833 ug/ml
10) T n-Eicosane (C20)	12.943	2687170	17.727 ug/ml
11) T n-Heneicosane (C21)	13.555	2612596	17.634 ug/ml
13) T n-Docosane (C22)	14.141	2584608	17.631 ug/ml
14) T n-Tetracosane (C24)	15.245	2537189	17.576 ug/ml
15) T n-Hexacosane (C26)	16.265	2495274	18.017 ug/ml
16) T n-Octacosane (C28)	17.216	2489192	18.592 ug/ml
17) T n-Tricontane (C30)	18.103	2661977	19.720 ug/ml
18) T n-Dotriacontane (C32)	18.935	2682118	20.077 ug/ml
19) T n-Tetratriacontane (C34)	19.719	2524125	19.193 ug/ml
20) T n-Hexatriacontane (C36)	20.459	2431604	18.709 ug/ml
21) T n-Octatriacontane (C38)	21.208	2447431	18.039 ug/ml
22) T n-Tetracontane (C40)	22.137	2466692	17.731 ug/ml

(f)=RT Delta > 1/2 Window

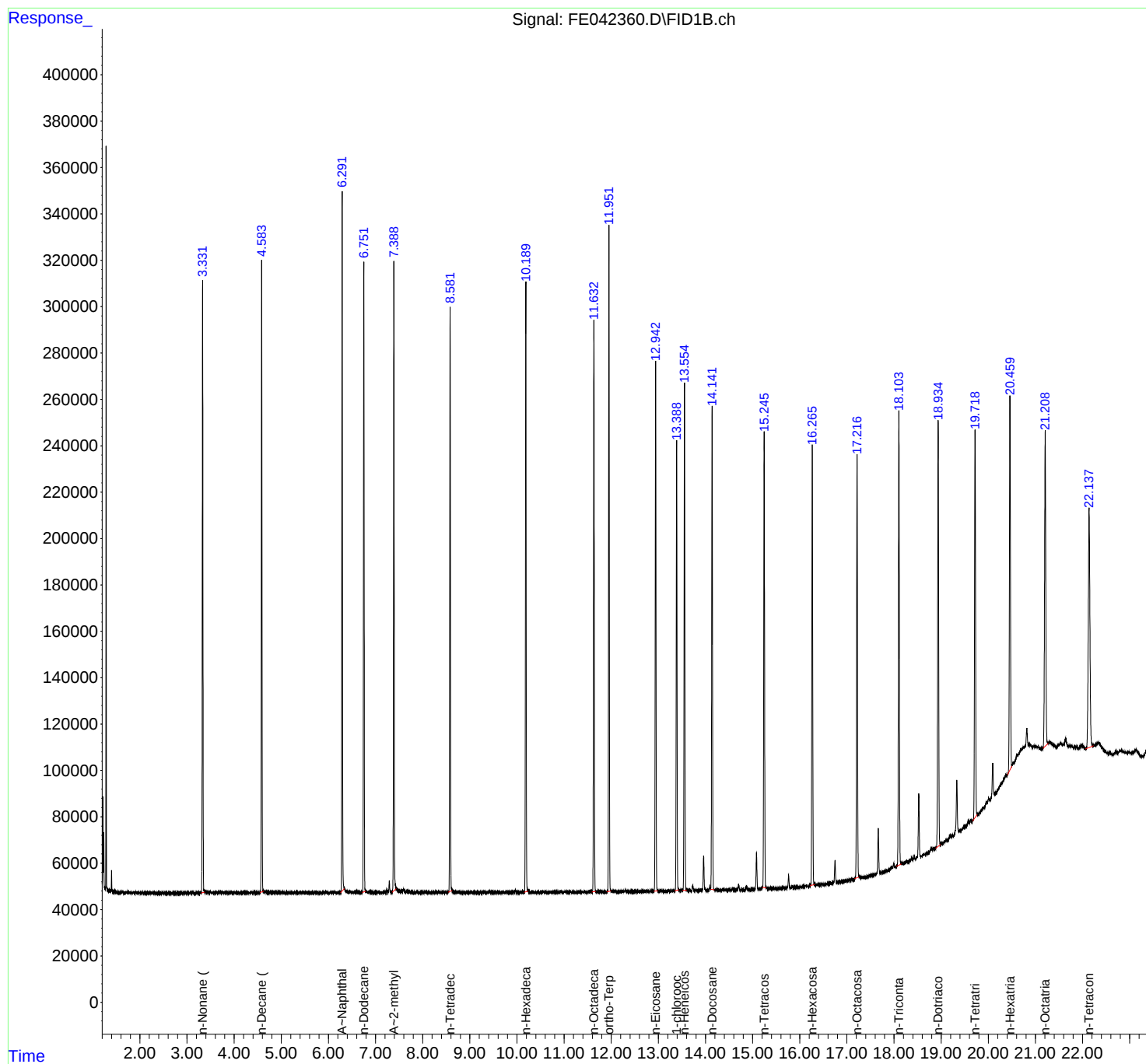
(m)=manual int.

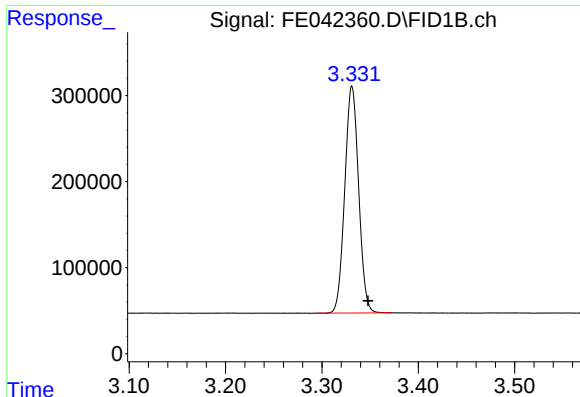
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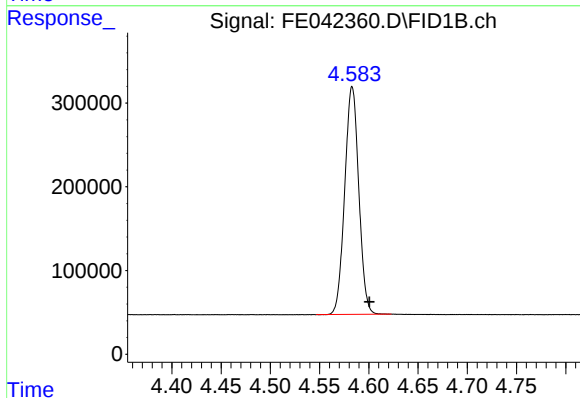




#1 n-Nonane (C9)

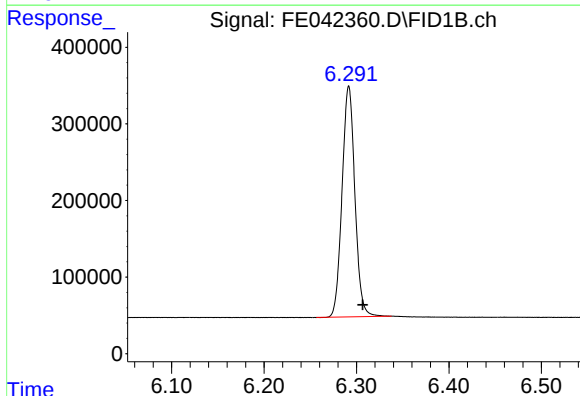
R.T.: 3.331 min
Delta R.T.: -0.017 min
Response: 2622947
Conc: 18.19 ug/ml

Instrument :
FID_E
ClientSampleId :



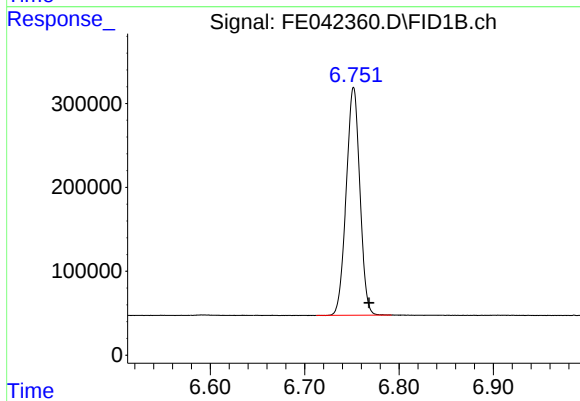
#2 n-Decane (C10)

R.T.: 4.583 min
Delta R.T.: -0.017 min
Response: 2704888
Conc: 18.27 ug/ml



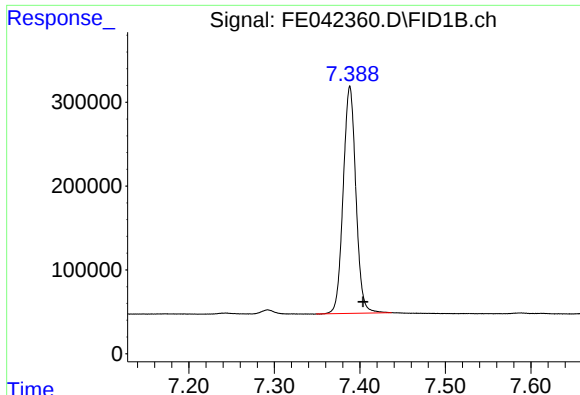
#3 A~Naphthalene (C11.7)

R.T.: 6.292 min
Delta R.T.: -0.015 min
Response: 2905561
Conc: 17.81 ug/ml



#4 n-Dodecane (C12)

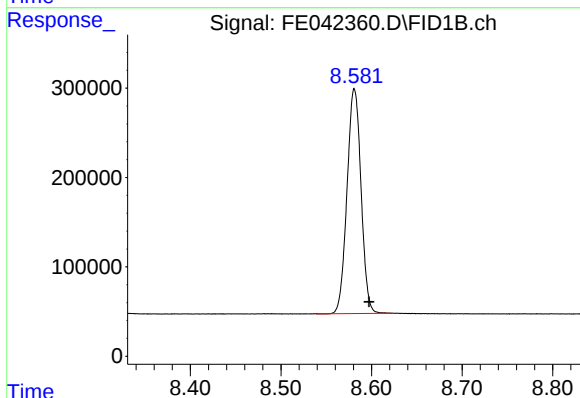
R.T.: 6.752 min
Delta R.T.: -0.016 min
Response: 2734135
Conc: 18.23 ug/ml



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

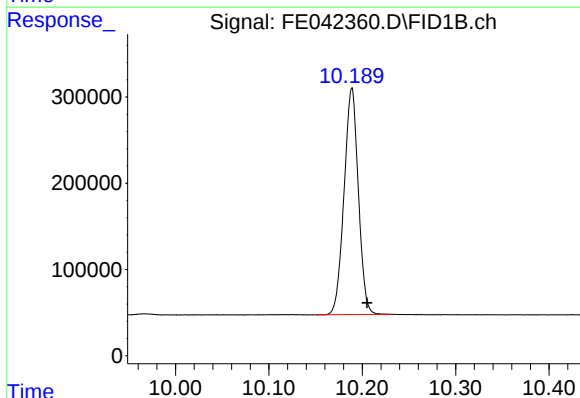
R.T.: 7.388 min
Delta R.T.: -0.015 min
Response: 2795665
Conc: 17.62 ug/ml

Instrument :
FID_E
ClientSampleId :



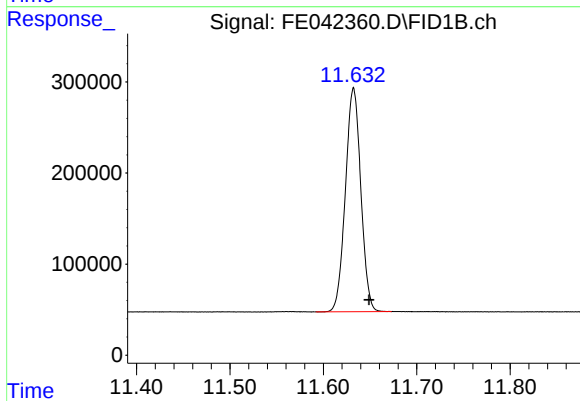
#6 n-Tetradecane (C14)

R.T.: 8.581 min
Delta R.T.: -0.016 min
Response: 2703499
Conc: 18.05 ug/ml



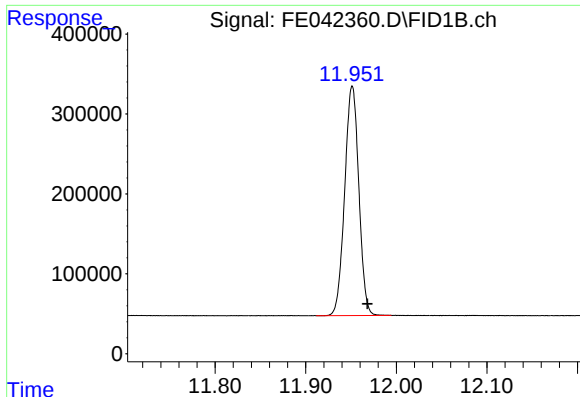
#7 n-Hexadecane (C16)

R.T.: 10.189 min
Delta R.T.: -0.016 min
Response: 2798012
Conc: 17.96 ug/ml



#8 n-Octadecane (C18)

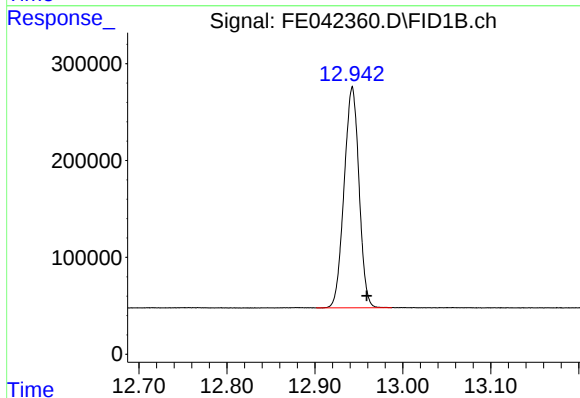
R.T.: 11.632 min
Delta R.T.: -0.017 min
Response: 2819944
Conc: 17.83 ug/ml



#9 ortho-Terphenyl (SURR)

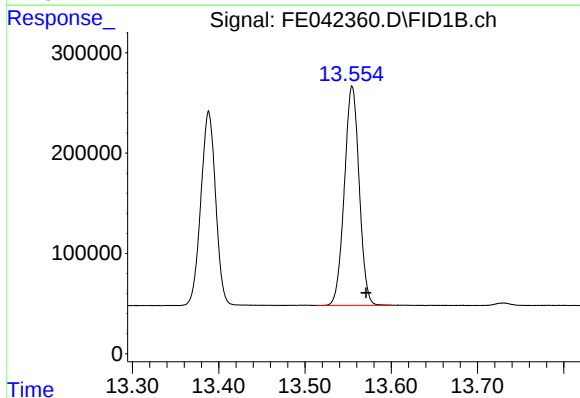
R.T.: 11.951 min
Delta R.T.: -0.017 min
Response: 3114007
Conc: 17.64 ug/ml

Instrument :
FID_E
ClientSampleId :



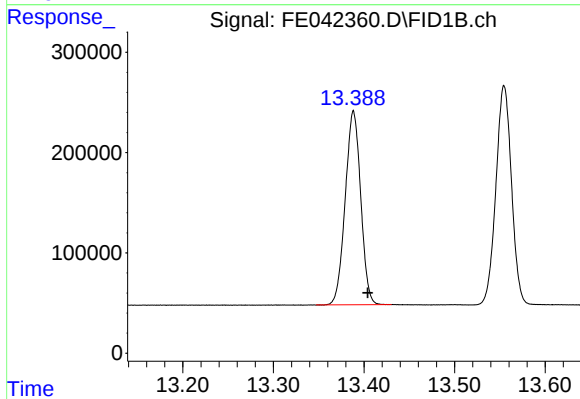
#10 n-Eicosane (C20)

R.T.: 12.943 min
Delta R.T.: -0.017 min
Response: 2687170
Conc: 17.73 ug/ml



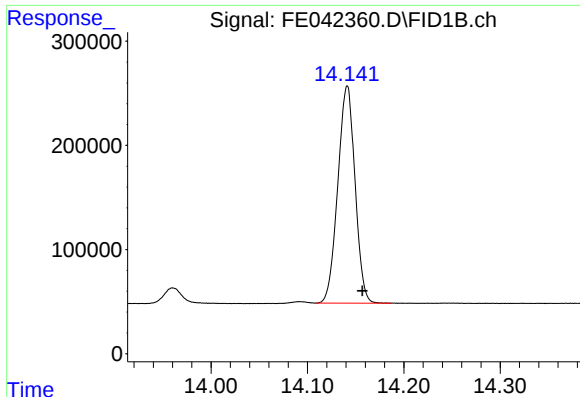
#11 n-Heneicosane (C21)

R.T.: 13.555 min
Delta R.T.: -0.016 min
Response: 2612596
Conc: 17.63 ug/ml



#12 1-chlorooctadecane (SURR)

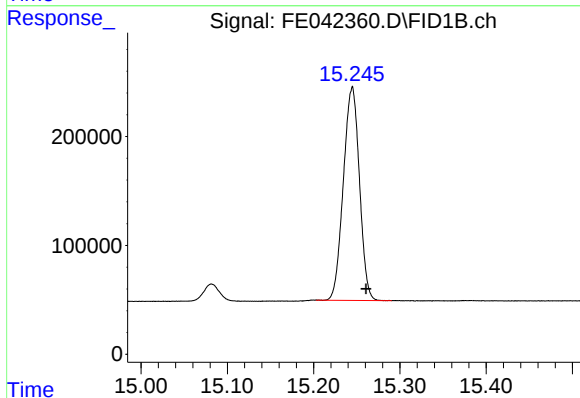
R.T.: 13.388 min
Delta R.T.: -0.016 min
Response: 2297702
Conc: 17.29 ug/ml



#13 n-Docosane (C22)

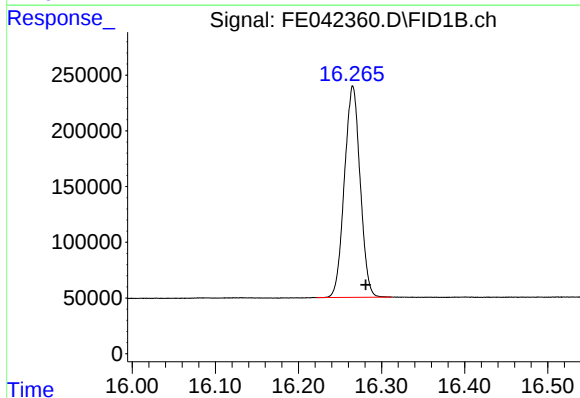
R.T.: 14.141 min
Delta R.T.: -0.016 min
Response: 2584608
Conc: 17.63 ug/ml

Instrument :
FID_E
ClientSampleId :



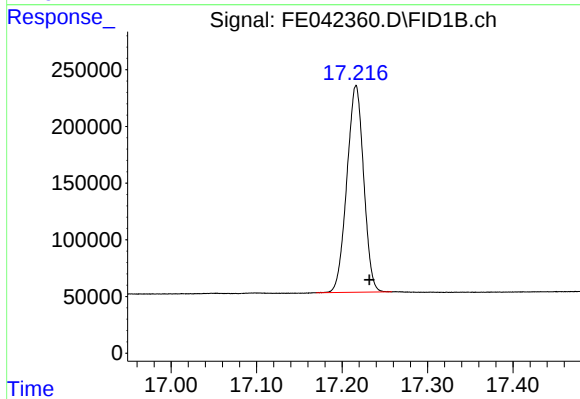
#14 n-Tetracosane (C24)

R.T.: 15.245 min
Delta R.T.: -0.016 min
Response: 2537189
Conc: 17.58 ug/ml



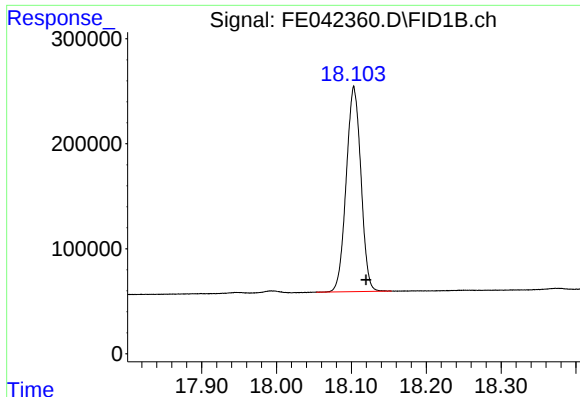
#15 n-Hexacosane (C26)

R.T.: 16.265 min
Delta R.T.: -0.016 min
Response: 2495274
Conc: 18.02 ug/ml



#16 n-Octacosane (C28)

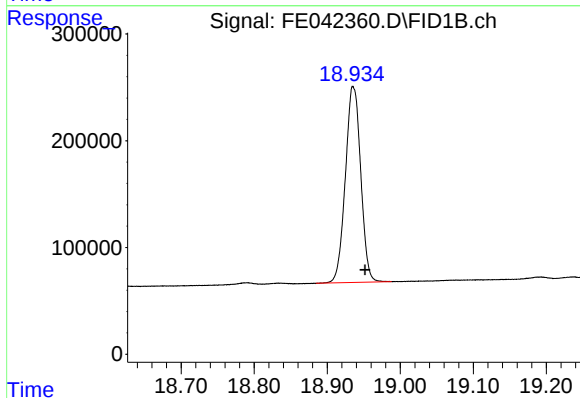
R.T.: 17.216 min
Delta R.T.: -0.016 min
Response: 2489192
Conc: 18.59 ug/ml



#17 n-Tricontane (C30)

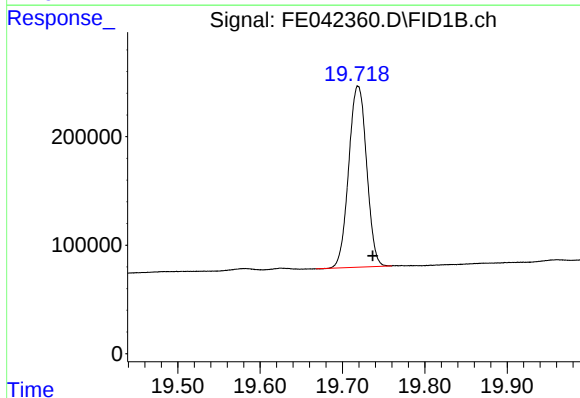
R.T.: 18.103 min
Delta R.T.: -0.016 min
Response: 2661977
Conc: 19.72 ug/ml

Instrument :
FID_E
ClientSampleId :



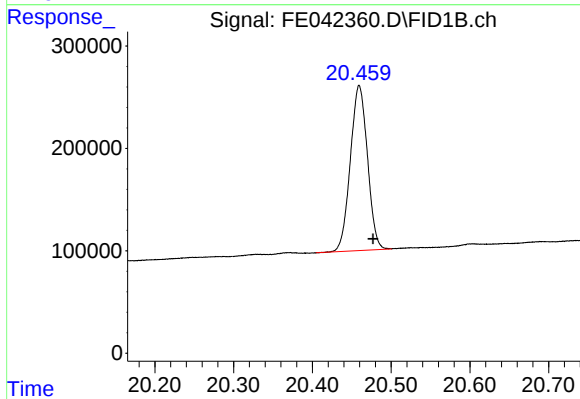
#18 n-Dotriacontane (C32)

R.T.: 18.935 min
Delta R.T.: -0.016 min
Response: 2682118
Conc: 20.08 ug/ml



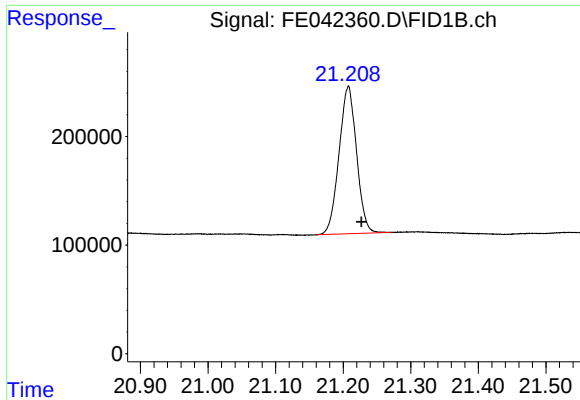
#19 n-Tetratriacontane (C34)

R.T.: 19.719 min
Delta R.T.: -0.018 min
Response: 2524125
Conc: 19.19 ug/ml



#20 n-Hexatriacontane (C36)

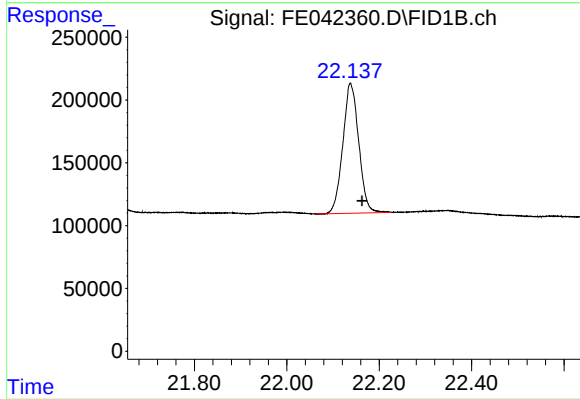
R.T.: 20.459 min
Delta R.T.: -0.017 min
Response: 2431604
Conc: 18.71 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.208 min
Delta R.T.: -0.019 min
Response: 2447431
Conc: 18.04 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.137 min
Delta R.T.: -0.026 min
Response: 2466692
Conc: 17.73 ug/ml