

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE063023AL\
 Data File : FE043037.D
 Signal(s) : FID1B.ch
 Acq On : 01 Jul 2023 04:53
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Jul 01 05:17:29 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062123.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 21 11:03:59 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)	11.906	3499110	19.048 ug/ml
Spiked Amount 50.000		Recovery =	38.10%
12) S 1-chlorooctadecane (S...	13.343	2596682	19.080 ug/ml
Spiked Amount 50.000		Recovery =	38.16%
Target Compounds			
1) T n-Nonane (C9)	3.286	2958947	19.155 ug/ml
2) T n-Decane (C10)	4.539	3043174	19.266 ug/ml
3) T A~Naphthalene (C11.7)	6.247	3267828	19.299 ug/ml
4) T n-Dodecane (C12)	6.708	3080593	19.246 ug/ml
5) T A~2-methylnaphthalene...	7.345	3120735	19.248 ug/ml
6) T n-Tetradecane (C14)	8.537	3072928	19.308 ug/ml
7) T n-Hexadecane (C16)	10.145	3186677	19.349 ug/ml
8) T n-Octadecane (C18)	11.588	3213296	19.332 ug/ml
10) T n-Eicosane (C20)	12.897	3055967	19.258 ug/ml
11) T n-Heneicosane (C21)	13.509	2968628	19.188 ug/ml
13) T n-Docosane (C22)	14.095	2912387	19.119 ug/ml
14) T n-Tetracosane (C24)	15.199	2844161	19.169 ug/ml
15) T n-Hexacosane (C26)	16.220	2752457	19.253 ug/ml
16) T n-Octacosane (C28)	17.169	2740281	19.757 ug/ml
17) T n-Tricontane (C30)	18.057	2921974	20.660 ug/ml
18) T n-Dotriacontane (C32)	18.889	2981693	21.258 ug/ml
19) T n-Tetratriacontane (C34)	19.673	2893544	21.145 ug/mlm
20) T n-Hexatriacontane (C36)	20.413	2765880	20.682 ug/mlm
21) T n-Octatriacontane (C38)	21.151	2822004	20.698 ug/ml
22) T n-Tetracontane (C40)	22.069	3018088	21.693 ug/ml

(f)=RT Delta > 1/2 Window

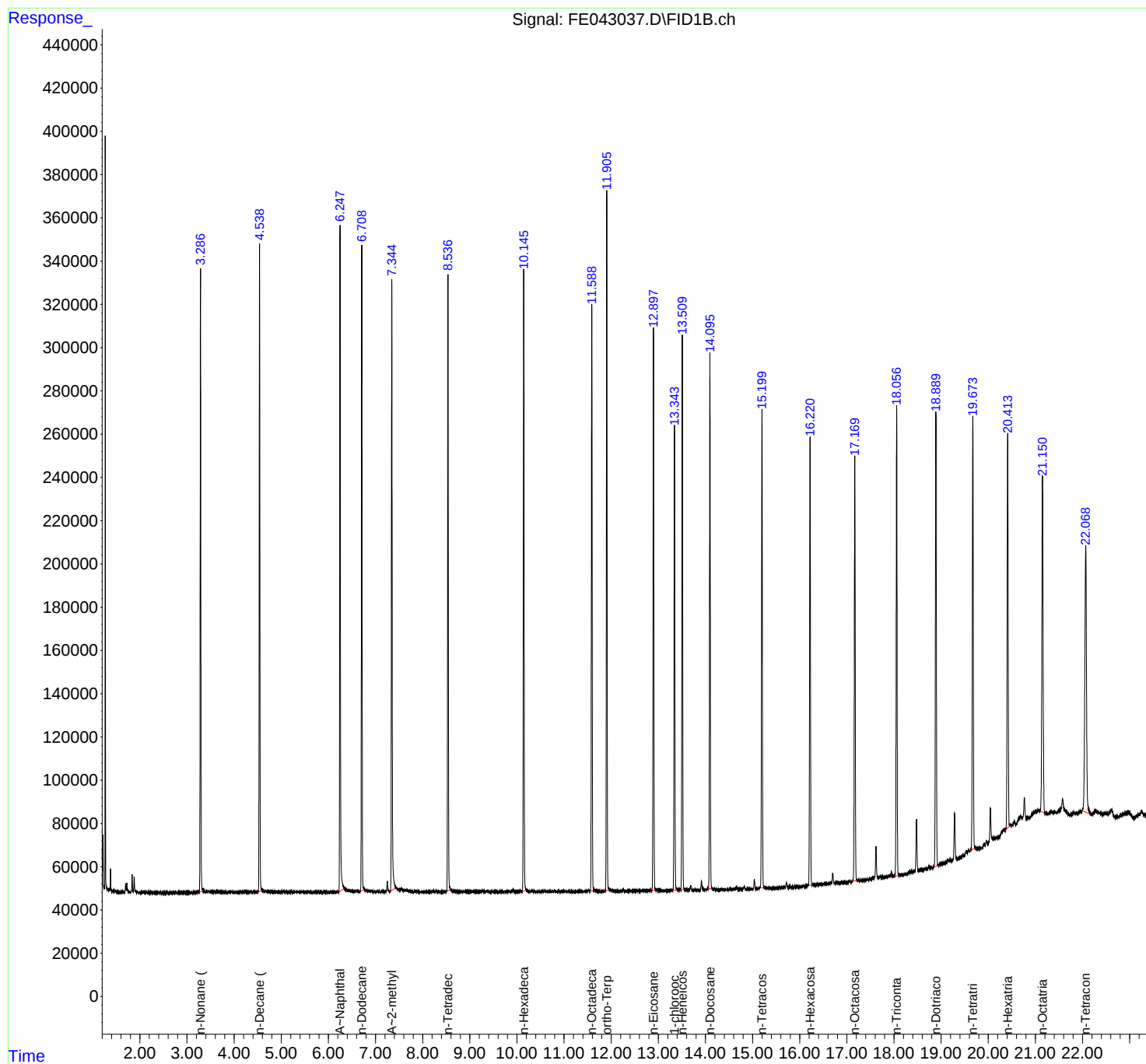
(m)=manual int.

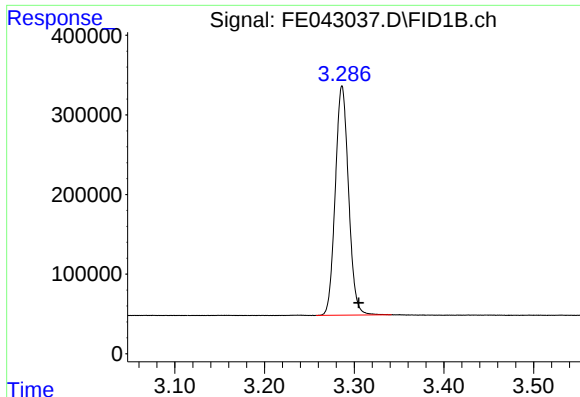
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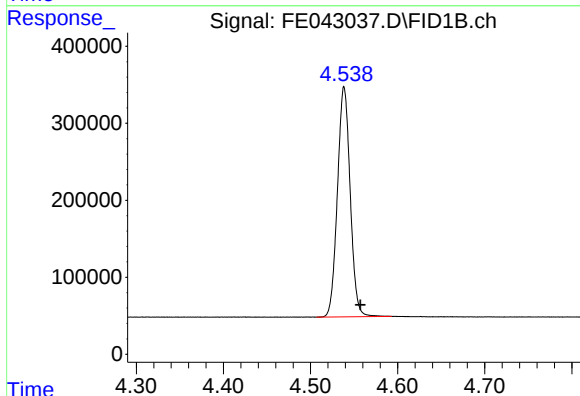




#1 n-Nonane (C9)

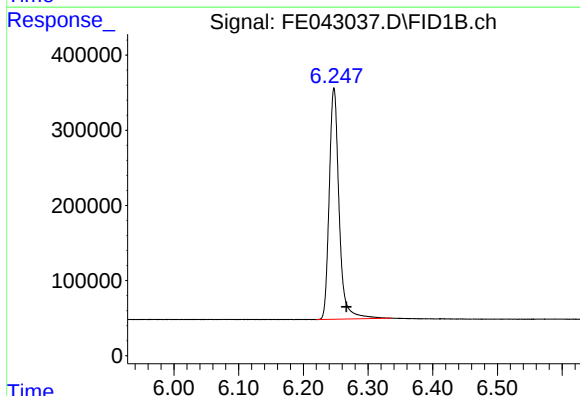
R.T.: 3.286 min
Delta R.T.: -0.019 min
Response: 2958947
Conc: 19.16 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



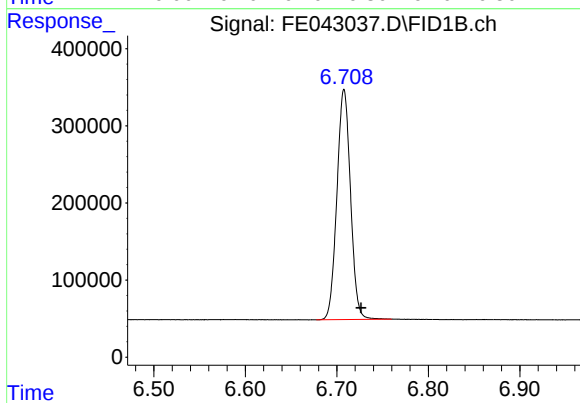
#2 n-Decane (C10)

R.T.: 4.539 min
Delta R.T.: -0.019 min
Response: 3043174
Conc: 19.27 ug/ml



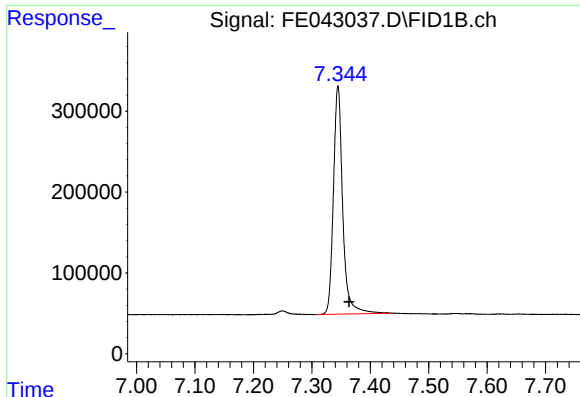
#3 A~Naphthalene (C11.7)

R.T.: 6.247 min
Delta R.T.: -0.019 min
Response: 3267828
Conc: 19.30 ug/ml



#4 n-Dodecane (C12)

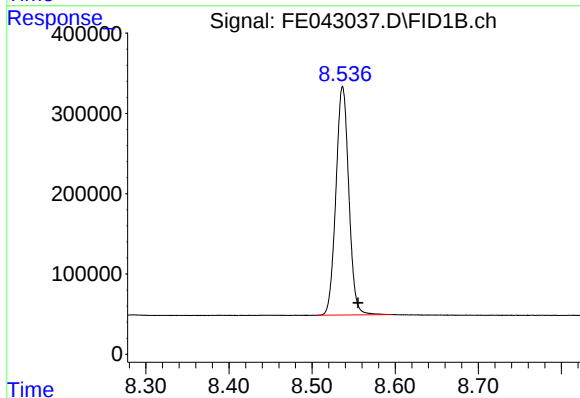
R.T.: 6.708 min
Delta R.T.: -0.018 min
Response: 3080593
Conc: 19.25 ug/ml



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

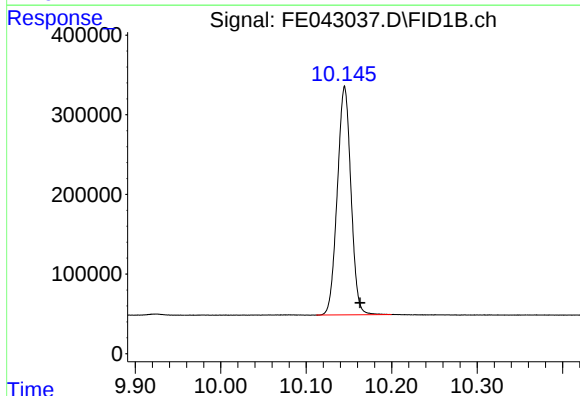
R.T.: 7.345 min
Delta R.T.: -0.019 min
Response: 3120735
Conc: 19.25 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



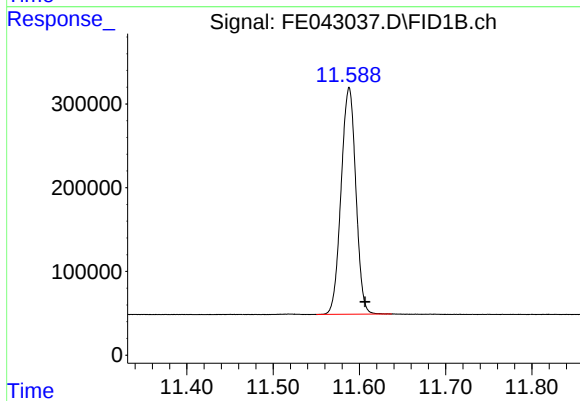
#6 n-Tetradecane (C14)

R.T.: 8.537 min
Delta R.T.: -0.019 min
Response: 3072928
Conc: 19.31 ug/ml



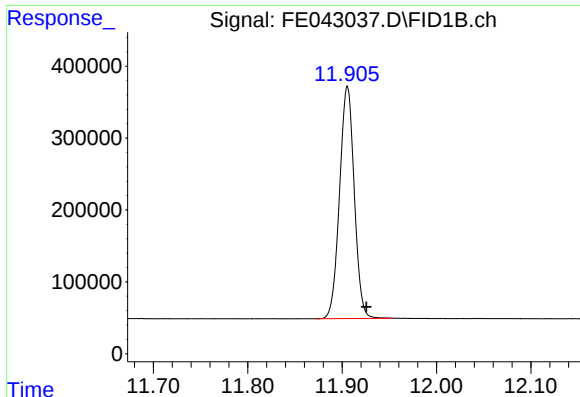
#7 n-Hexadecane (C16)

R.T.: 10.145 min
Delta R.T.: -0.018 min
Response: 3186677
Conc: 19.35 ug/ml



#8 n-Octadecane (C18)

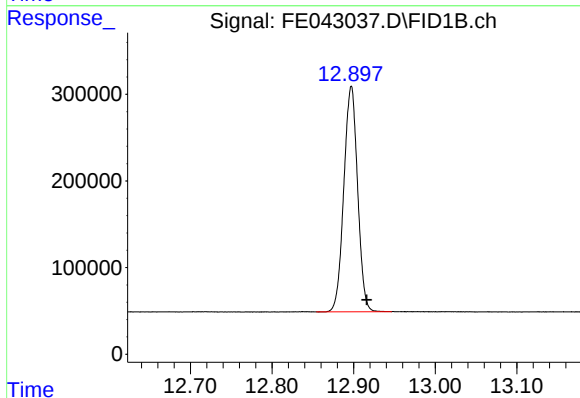
R.T.: 11.588 min
Delta R.T.: -0.018 min
Response: 3213296
Conc: 19.33 ug/ml



#9 ortho-Terphenyl (SURR)

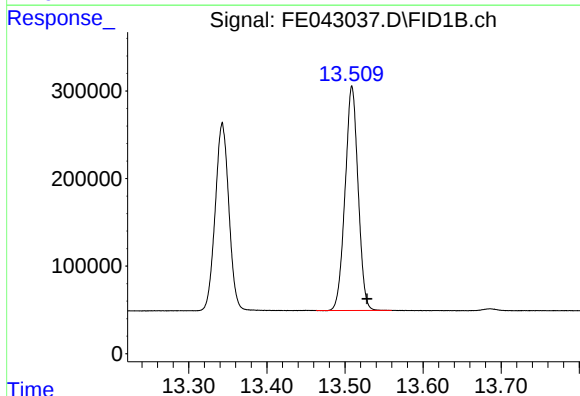
R.T.: 11.906 min
Delta R.T.: -0.020 min
Response: 3499110
Conc: 19.05 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



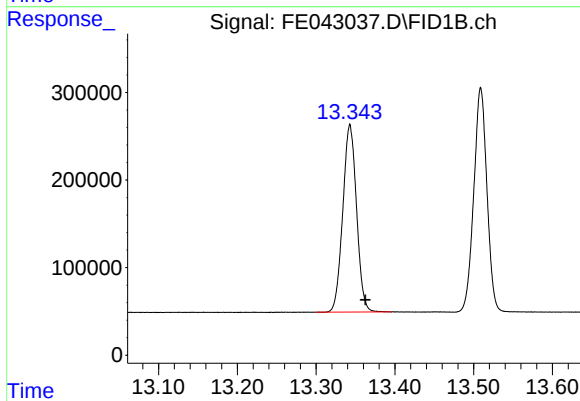
#10 n-Eicosane (C20)

R.T.: 12.897 min
Delta R.T.: -0.019 min
Response: 3055967
Conc: 19.26 ug/ml



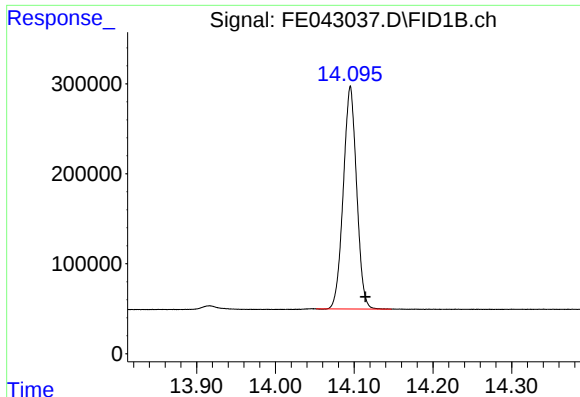
#11 n-Heneicosane (C21)

R.T.: 13.509 min
Delta R.T.: -0.019 min
Response: 2968628
Conc: 19.19 ug/ml



#12 1-chlorooctadecane (SURR)

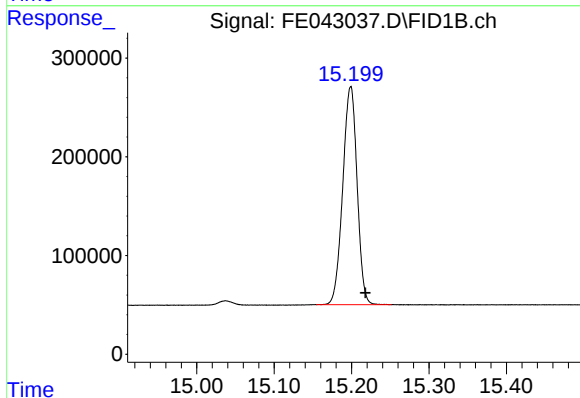
R.T.: 13.343 min
Delta R.T.: -0.020 min
Response: 2596682
Conc: 19.08 ug/ml



#13 n-Docosane (C22)

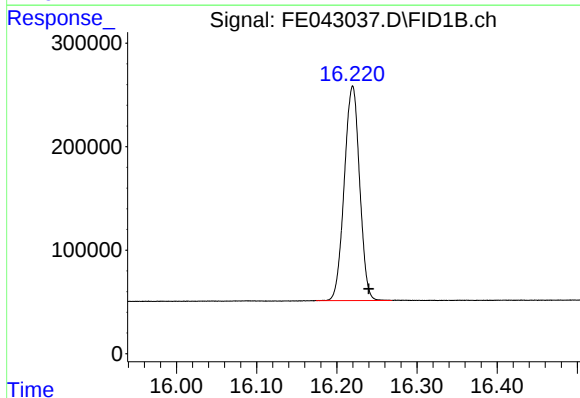
R.T.: 14.095 min
Delta R.T.: -0.019 min
Response: 2912387
Conc: 19.12 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



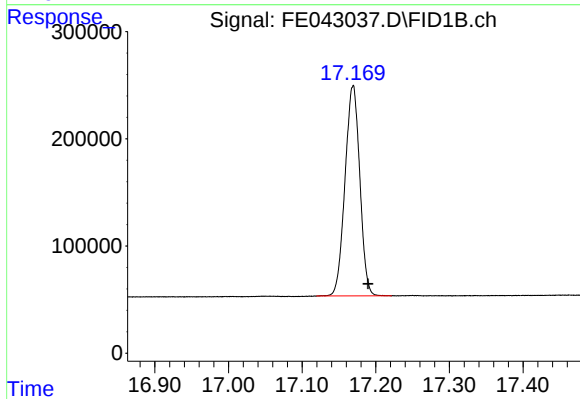
#14 n-Tetracosane (C24)

R.T.: 15.199 min
Delta R.T.: -0.019 min
Response: 2844161
Conc: 19.17 ug/ml



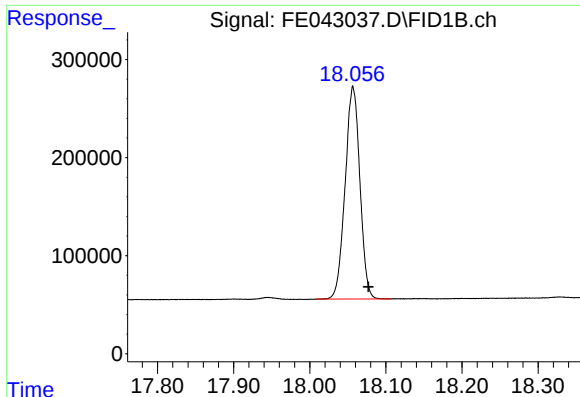
#15 n-Hexacosane (C26)

R.T.: 16.220 min
Delta R.T.: -0.020 min
Response: 2752457
Conc: 19.25 ug/ml



#16 n-Octacosane (C28)

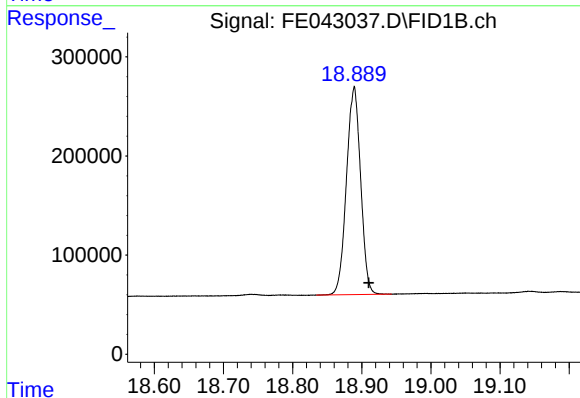
R.T.: 17.169 min
Delta R.T.: -0.020 min
Response: 2740281
Conc: 19.76 ug/ml



#17 n-Tricontane (C30)

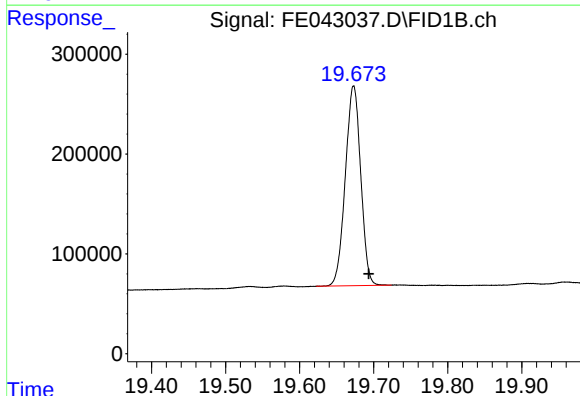
R.T.: 18.057 min
Delta R.T.: -0.020 min
Response: 2921974
Conc: 20.66 ug/ml

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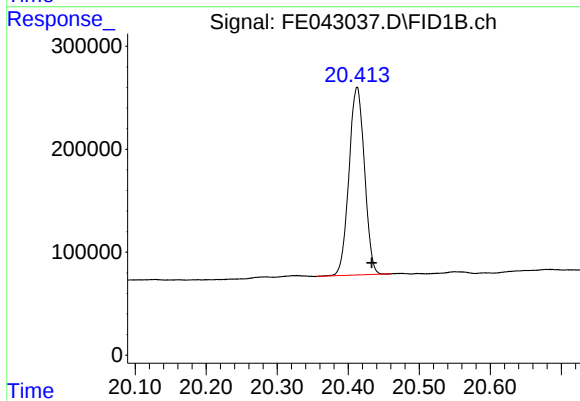
#18 n-Dotriacontane (C32)

R.T.: 18.889 min
Delta R.T.: -0.021 min
Response: 2981693
Conc: 21.26 ug/ml



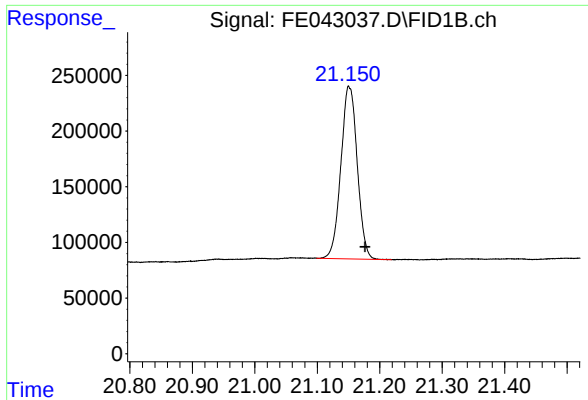
#19 n-Tetratriacontane (C34)

R.T.: 19.673 min
Delta R.T.: -0.020 min
Response: 2893544
Conc: 21.14 ug/ml m



#20 n-Hexatriacontane (C36)

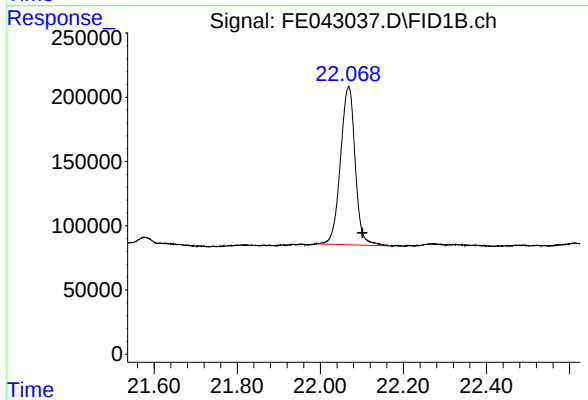
R.T.: 20.413 min
Delta R.T.: -0.020 min
Response: 2765880
Conc: 20.68 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.151 min
Delta R.T.: -0.026 min
Response: 2822004
Conc: 20.70 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.069 min
Delta R.T.: -0.033 min
Response: 3018088
Conc: 21.69 ug/ml