

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE072423AL\
 Data File : FE043495.D
 Signal(s) : FID1B.ch
 Acq On : 24 Jul 2023 23:55
 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: sample.E
 Quant Time: Jul 25 01:55:09 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 071323.M
 Quant Title : GC Extractables
 QLast Update : Thu Jul 13 03:02:53 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)	11.883	3480927	19.439 ug/ml
Spiked Amount 50.000		Recovery =	38.88%
12) S 1-chlorooctadecane (S...	13.320	2558160	19.469 ug/ml
Spiked Amount 50.000		Recovery =	38.94%
Target Compounds			
1) T n-Nonane (C9)	3.264	2903189	19.015 ug/ml
2) T n-Decane (C10)	4.517	3008650	19.299 ug/ml
3) T A~Naphthalene (C11.7)	6.227	3106397	19.305 ug/ml
4) T n-Dodecane (C12)	6.686	3025601	19.201 ug/ml
5) T A~2-methylnaphthalene...	7.324	2910390	19.180 ug/ml
6) T n-Tetradecane (C14)	8.515	3022106	19.107 ug/ml
7) T n-Hexadecane (C16)	10.122	3118150	19.268 ug/ml
8) T n-Octadecane (C18)	11.564	3162036	19.397 ug/ml
10) T n-Eicosane (C20)	12.873	3027803	19.488 ug/ml
11) T n-Heneicosane (C21)	13.485	2962045	19.551 ug/ml
13) T n-Docosane (C22)	14.071	2915049	19.505 ug/ml
14) T n-Tetracosane (C24)	15.174	2862948	19.494 ug/ml
15) T n-Hexacosane (C26)	16.195	2792357	19.605 ug/ml
16) T n-Octacosane (C28)	17.144	2767385	19.668 ug/ml
17) T n-Tricontane (C30)	18.033	2933928	19.916 ug/ml
18) T n-Dotriacontane (C32)	18.865	2970774	20.048 ug/ml
19) T n-Tetratriacontane (C34)	19.648	2871362	19.896 ug/ml
20) T n-Hexatriacontane (C36)	20.387	2728543	18.564 ug/ml
21) T n-Octatriacontane (C38)	21.122	2684397	18.818 ug/ml
22) T n-Tetracontane (C40)	22.023	2666298	18.066 ug/ml

(f)=RT Delta > 1/2 Window

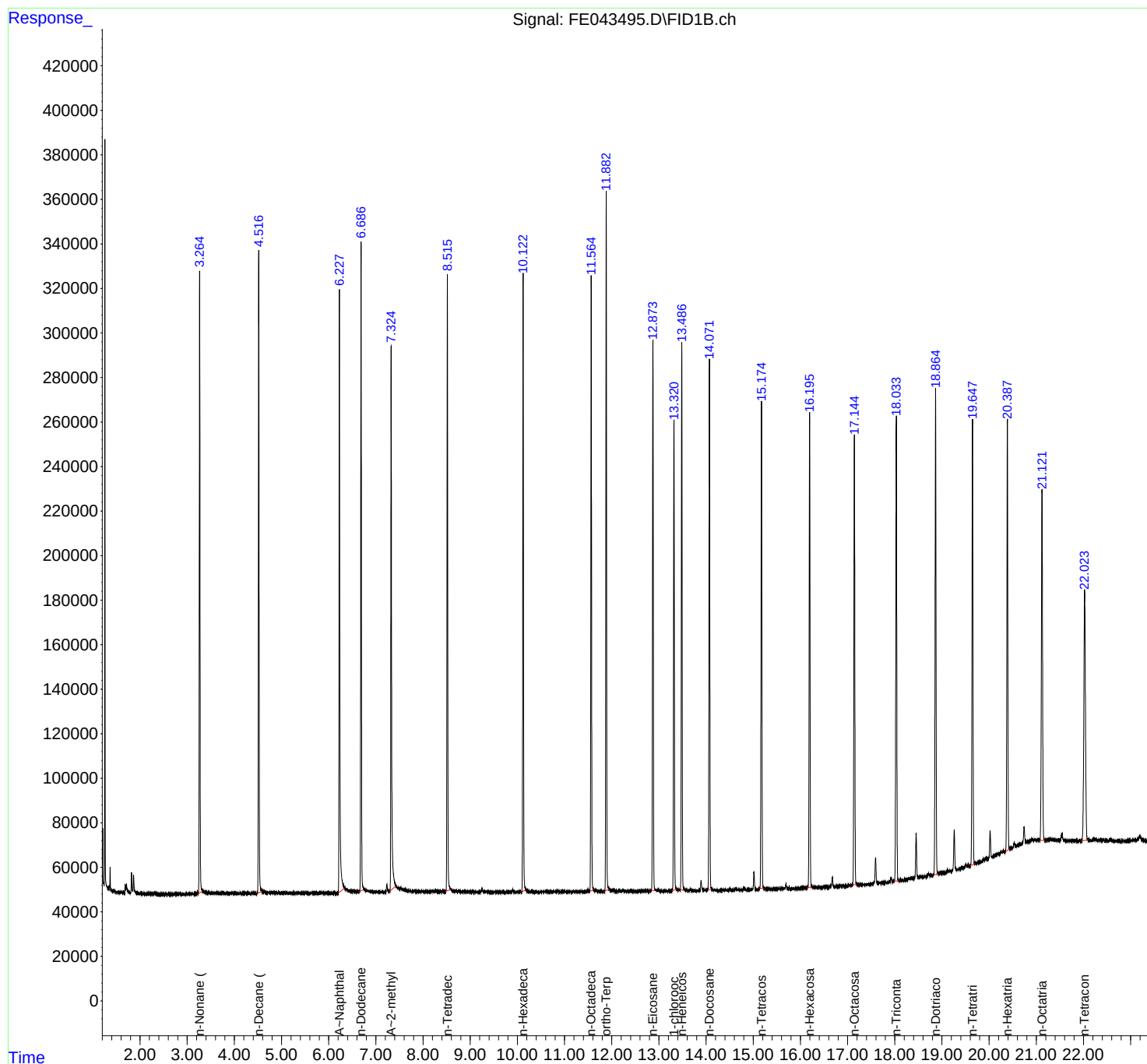
(m)=manual int.

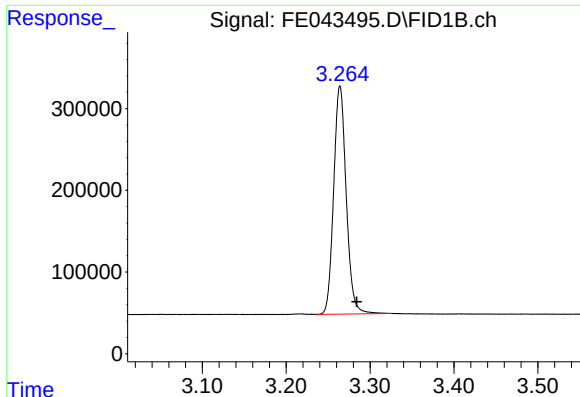
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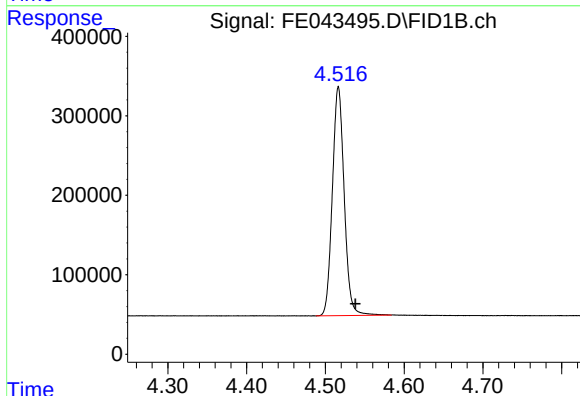




#1 n-Nonane (C9)

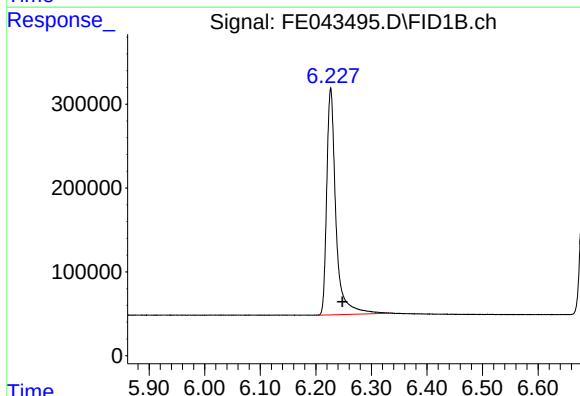
R.T.: 3.264 min
Delta R.T.: -0.020 min
Response: 2903189
Conc: 19.01 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



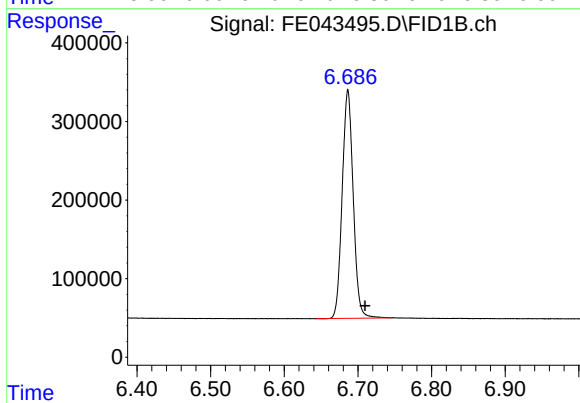
#2 n-Decane (C10)

R.T.: 4.517 min
Delta R.T.: -0.021 min
Response: 3008650
Conc: 19.30 ug/ml



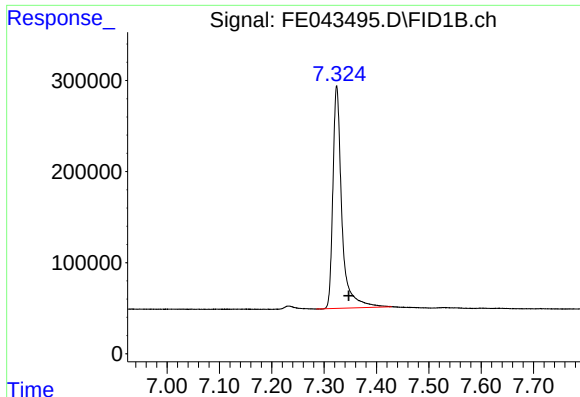
#3 A~Naphthalene (C11.7)

R.T.: 6.227 min
Delta R.T.: -0.021 min
Response: 3106397
Conc: 19.30 ug/ml



#4 n-Dodecane (C12)

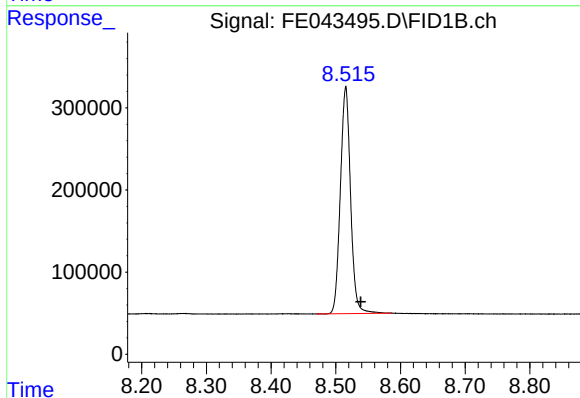
R.T.: 6.686 min
Delta R.T.: -0.023 min
Response: 3025601
Conc: 19.20 ug/ml



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

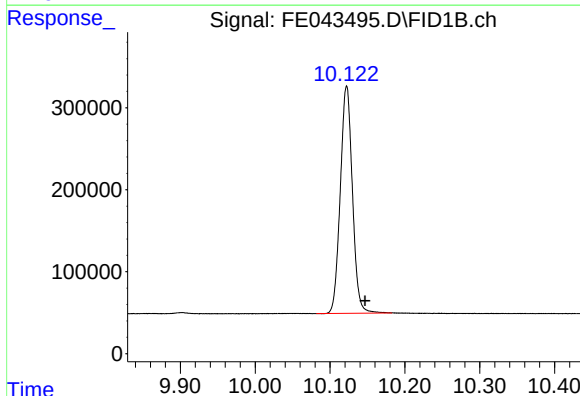
R.T.: 7.324 min
Delta R.T.: -0.022 min
Response: 2910390
Conc: 19.18 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



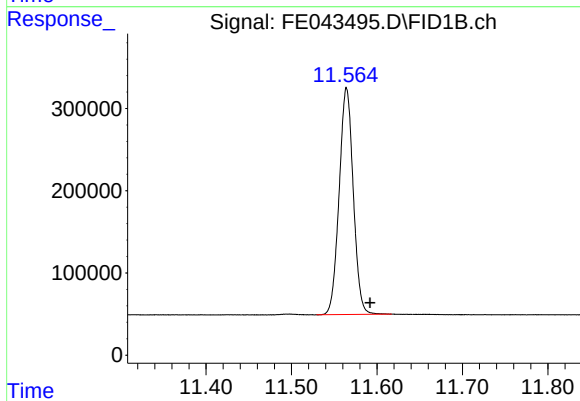
#6 n-Tetradecane (C14)

R.T.: 8.515 min
Delta R.T.: -0.023 min
Response: 3022106
Conc: 19.11 ug/ml



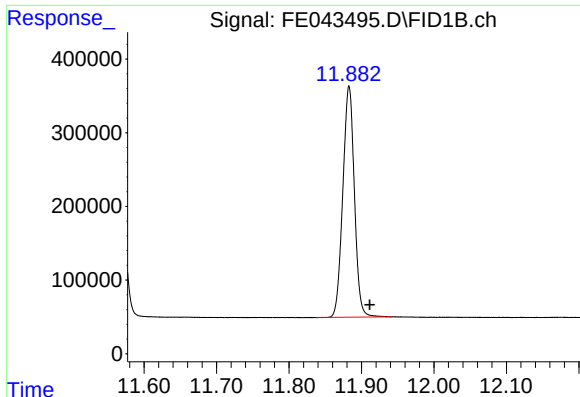
#7 n-Hexadecane (C16)

R.T.: 10.122 min
Delta R.T.: -0.025 min
Response: 3118150
Conc: 19.27 ug/ml



#8 n-Octadecane (C18)

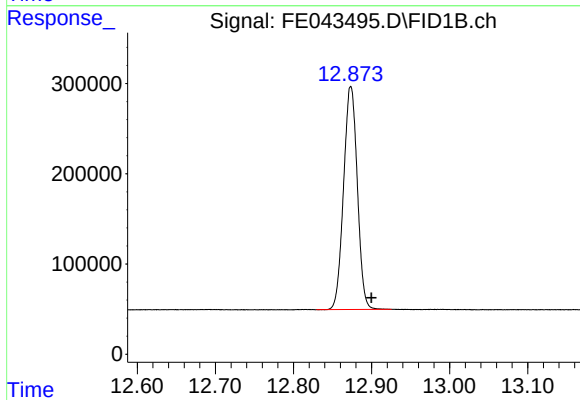
R.T.: 11.564 min
Delta R.T.: -0.028 min
Response: 3162036
Conc: 19.40 ug/ml



#9 ortho-Terphenyl (SURR)

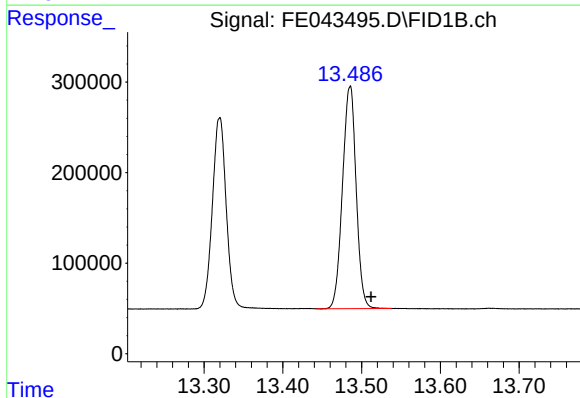
R.T.: 11.883 min
Delta R.T.: -0.029 min
Response: 3480927
Conc: 19.44 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



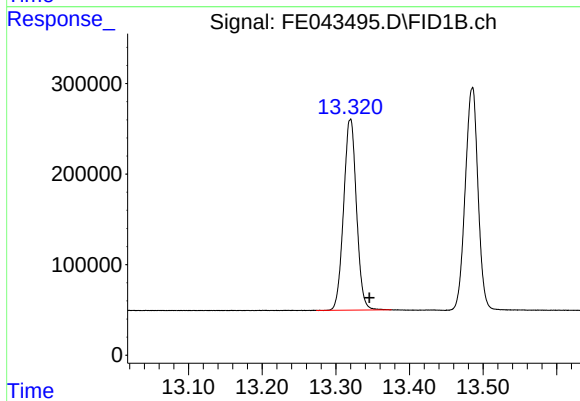
#10 n-Eicosane (C20)

R.T.: 12.873 min
Delta R.T.: -0.026 min
Response: 3027803
Conc: 19.49 ug/ml



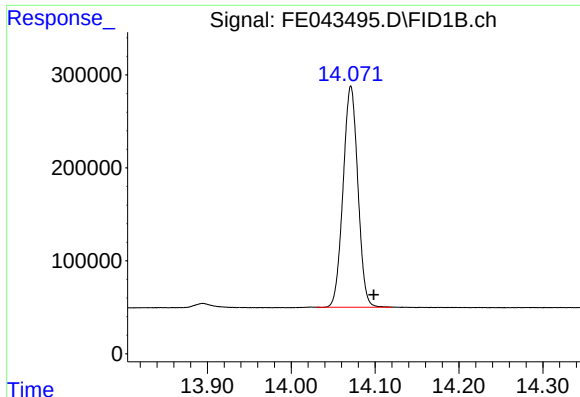
#11 n-Heneicosane (C21)

R.T.: 13.485 min
Delta R.T.: -0.027 min
Response: 2962045
Conc: 19.55 ug/ml



#12 1-chlorooctadecane (SURR)

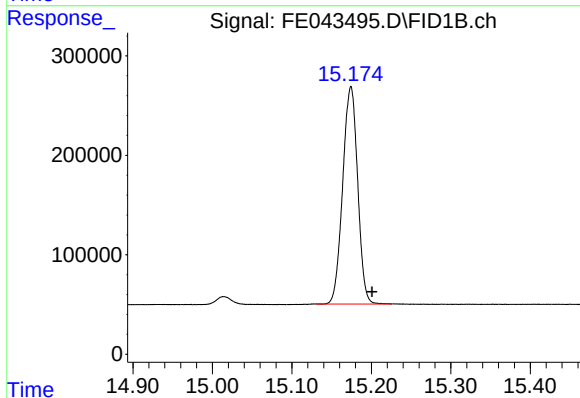
R.T.: 13.320 min
Delta R.T.: -0.026 min
Response: 2558160
Conc: 19.47 ug/ml



#13 n-Docosane (C22)

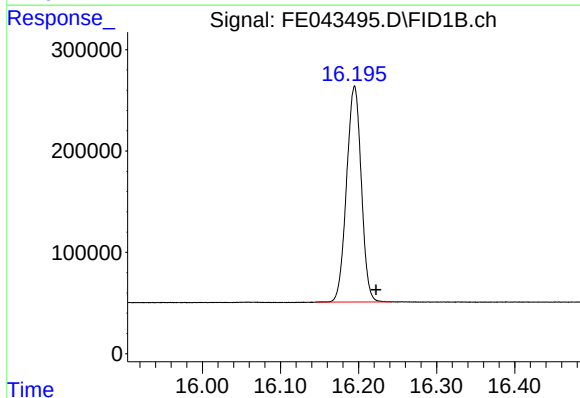
R.T.: 14.071 min
Delta R.T.: -0.027 min
Response: 2915049
Conc: 19.51 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



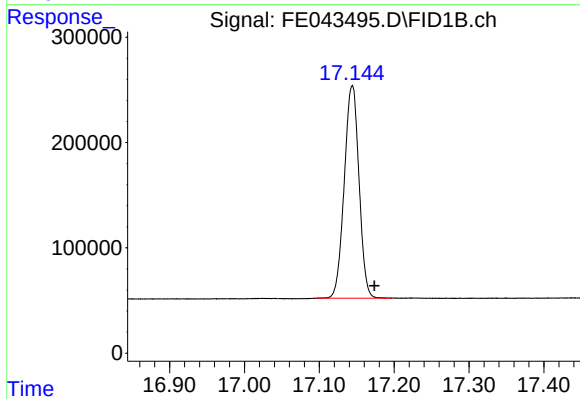
#14 n-Tetracosane (C24)

R.T.: 15.174 min
Delta R.T.: -0.027 min
Response: 2862948
Conc: 19.49 ug/ml



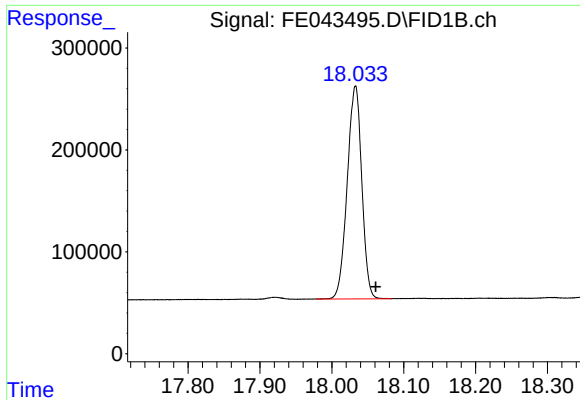
#15 n-Hexacosane (C26)

R.T.: 16.195 min
Delta R.T.: -0.028 min
Response: 2792357
Conc: 19.61 ug/ml



#16 n-Octacosane (C28)

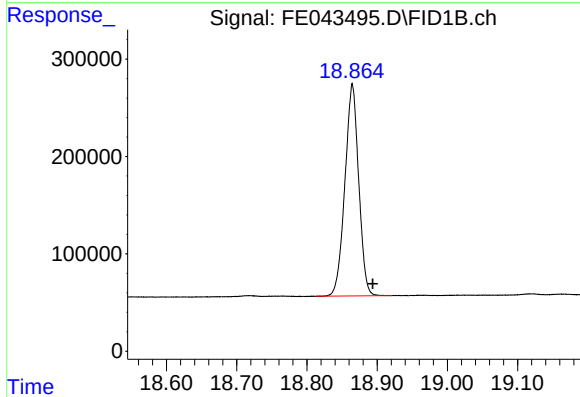
R.T.: 17.144 min
Delta R.T.: -0.029 min
Response: 2767385
Conc: 19.67 ug/ml



#17 n-Tricontane (C30)

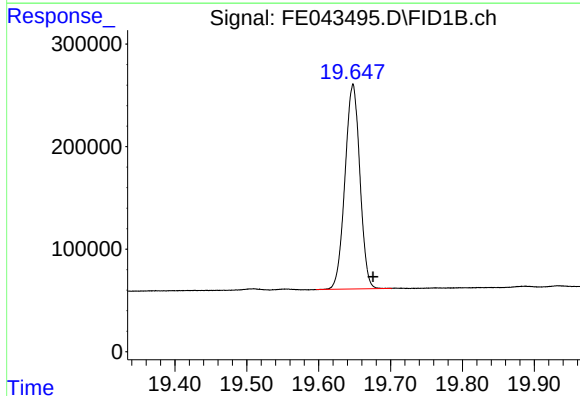
R.T.: 18.033 min
Delta R.T.: -0.028 min
Response: 2933928
Conc: 19.92 ug/ml

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FID_E
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20 PPM ALIPHATIC HC STD



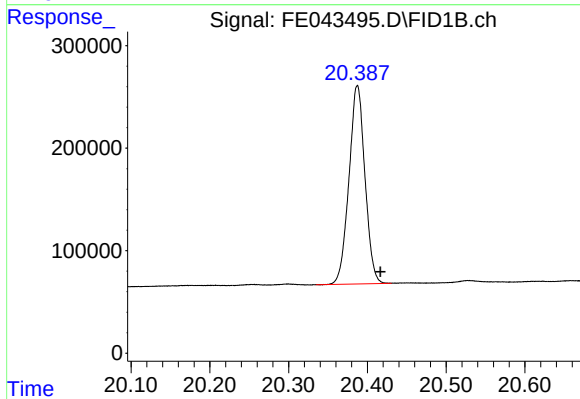
#18 n-Dotriacontane (C32)

R.T.: 18.865 min
Delta R.T.: -0.029 min
Response: 2970774
Conc: 20.05 ug/ml



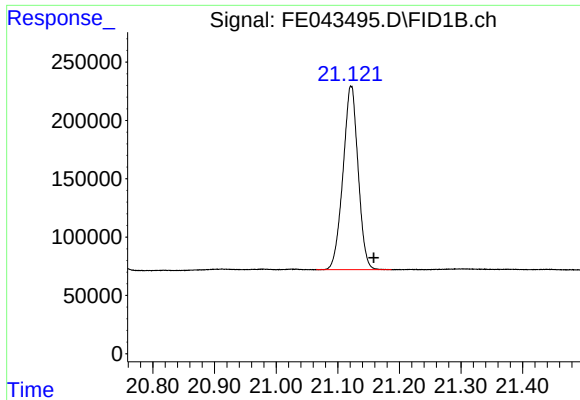
#19 n-Tetratriacontane (C34)

R.T.: 19.648 min
Delta R.T.: -0.028 min
Response: 2871362
Conc: 19.90 ug/ml



#20 n-Hexatriacontane (C36)

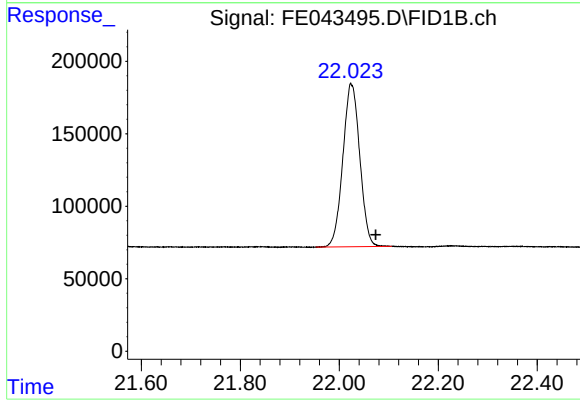
R.T.: 20.387 min
Delta R.T.: -0.029 min
Response: 2728543
Conc: 18.56 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.122 min
Delta R.T.: -0.037 min
Response: 2684397
Conc: 18.82 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.023 min
Delta R.T.: -0.050 min
Response: 2666298
Conc: 18.07 ug/ml