

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071724AL\
 Data File : FE049176.D
 Signal(s) : FID1B.ch
 Acq On : 17 Jul 2024 15:57
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Jul 17 16:21:37 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 071724.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 17 14:26:40 2024
 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)	11.912	2959735	19.082 ug/ml
Spiked Amount 50.000		Recovery =	38.16%
12) S 1-chlorooctadecane (S...	13.347	2236268	19.140 ug/ml
Spiked Amount 50.000		Recovery =	38.28%
Target Compounds			
1) T n-Nonane (C9)	3.301	2941272	19.558 ug/ml
2) T n-Decane (C10)	4.550	2976308	19.270 ug/ml
3) T A~Naphthalene (C11.7)	6.256	2990021	19.191 ug/ml
4) T n-Dodecane (C12)	6.716	2947757	19.144 ug/ml
5) T A~2-methylnaphthalene...	7.352	2798264	19.228 ug/ml
6) T n-Tetradecane (C14)	8.544	2873840	18.935 ug/ml
7) T n-Hexadecane (C16)	10.151	2887407	19.039 ug/ml
8) T n-Octadecane (C18)	11.594	2888579	19.025 ug/ml
10) T n-Eicosane (C20)	12.902	2748130	19.004 ug/ml
11) T n-Heneicosane (C21)	13.513	2699823	19.039 ug/ml
13) T n-Docosane (C22)	14.099	2671373	19.014 ug/ml
14) T n-Tetracosane (C24)	15.201	2683786	19.149 ug/ml
15) T n-Hexacosane (C26)	16.221	2676694	19.089 ug/ml
16) T n-Octacosane (C28)	17.171	2668222	19.063 ug/ml
17) T n-Tricontane (C30)	18.057	2793924	19.153 ug/ml
18) T n-Dotriacontane (C32)	18.889	2978922	20.260 ug/ml
19) T n-Tetratriacontane (C34)	19.671	2991441	20.480 ug/ml
20) T n-Hexatriacontane (C36)	20.412	3000684	20.815 ug/ml
21) T n-Octatriacontane (C38)	21.144	2946748	19.686 ug/ml
22) T n-Tetracontane (C40)	22.050	3008819	19.938 ug/ml

(f)=RT Delta > 1/2 Window

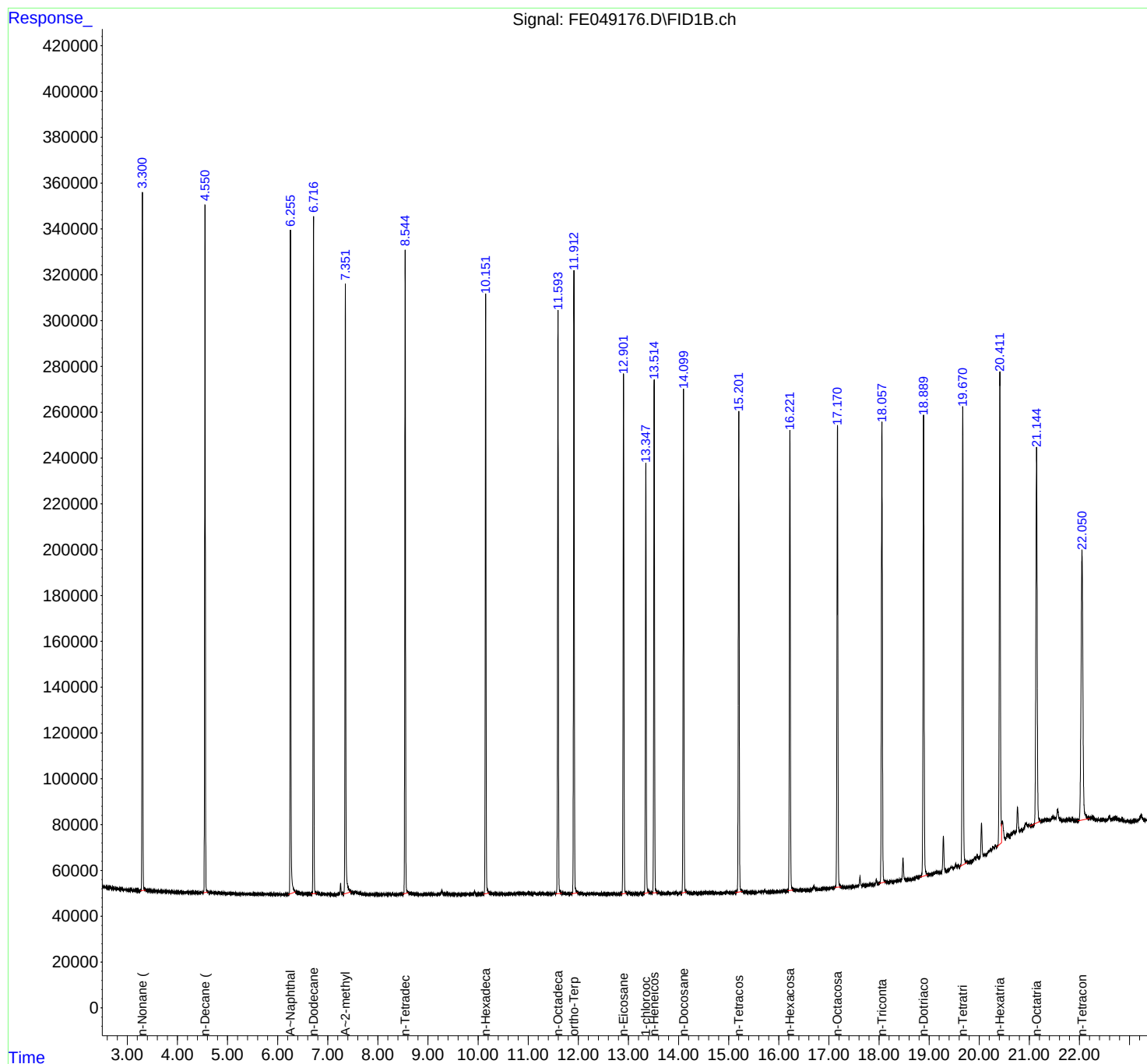
(m)=manual int.

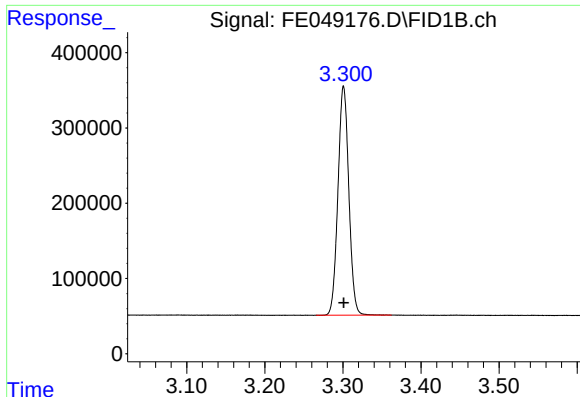
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071724AL\
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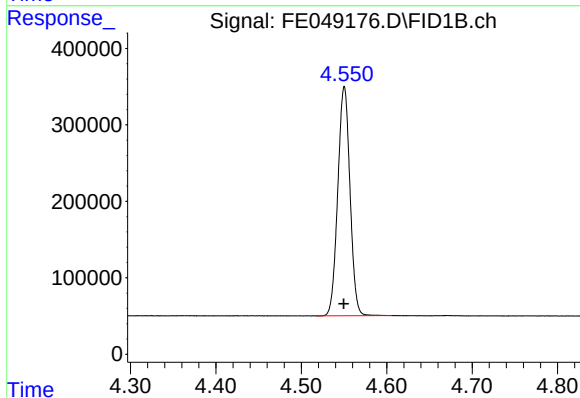




#1 n-Nonane (C9)

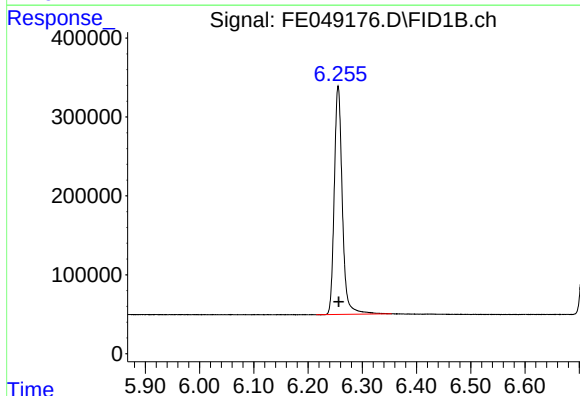
R.T.: 3.301 min
Delta R.T.: 0.000 min
Response: 2941272
Conc: 19.56 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



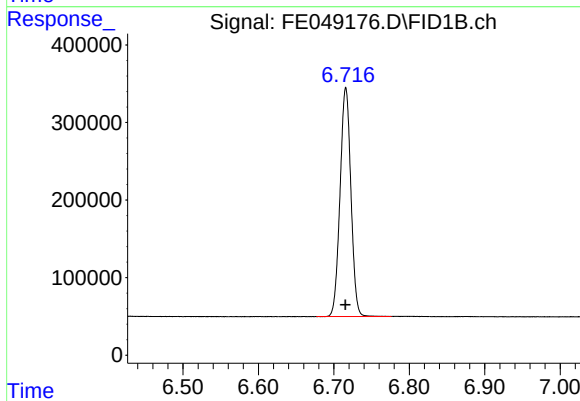
#2 n-Decane (C10)

R.T.: 4.550 min
Delta R.T.: 0.000 min
Response: 2976308
Conc: 19.27 ug/ml



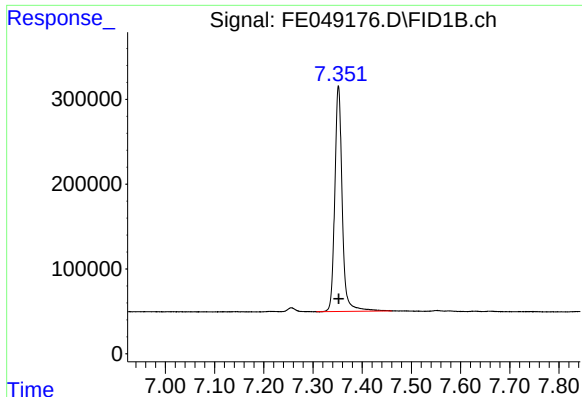
#3 A~Naphthalene (C11.7)

R.T.: 6.256 min
Delta R.T.: -0.001 min
Response: 2990021
Conc: 19.19 ug/ml



#4 n-Dodecane (C12)

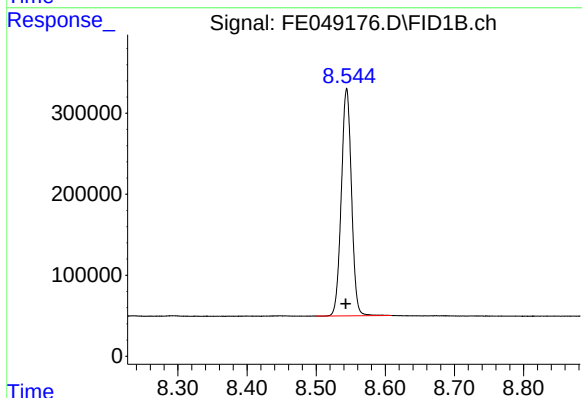
R.T.: 6.716 min
Delta R.T.: 0.000 min
Response: 2947757
Conc: 19.14 ug/ml



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

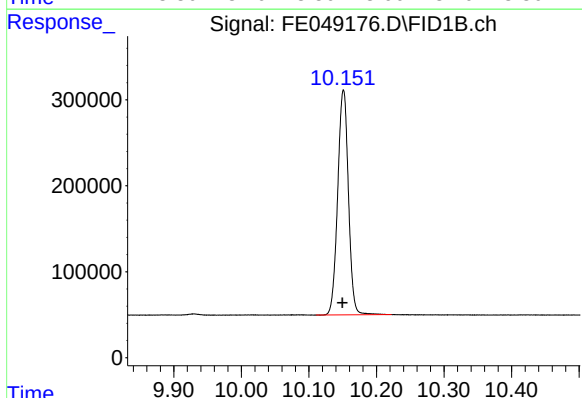
R.T.: 7.352 min
Delta R.T.: 0.000 min
Response: 2798264
Conc: 19.23 ug/ml

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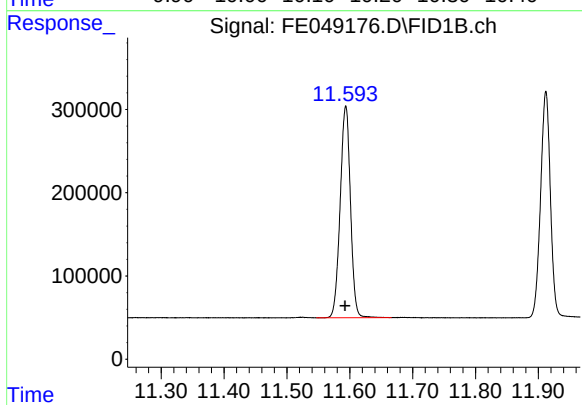
#6 n-Tetradecane (C14)

R.T.: 8.544 min
Delta R.T.: 0.001 min
Response: 2873840
Conc: 18.93 ug/ml



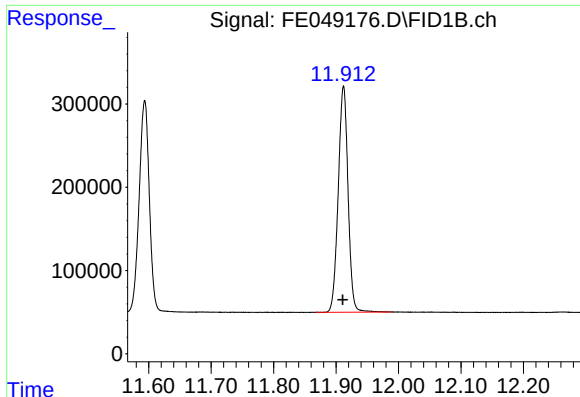
#7 n-Hexadecane (C16)

R.T.: 10.151 min
Delta R.T.: 0.001 min
Response: 2887407
Conc: 19.04 ug/ml



#8 n-Octadecane (C18)

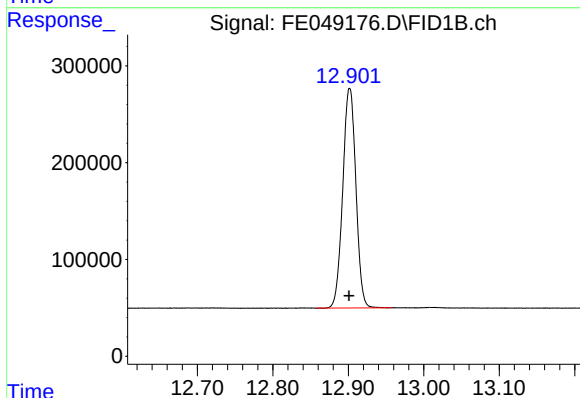
R.T.: 11.594 min
Delta R.T.: 0.000 min
Response: 2888579
Conc: 19.02 ug/ml



#9 ortho-Terphenyl (SURR)

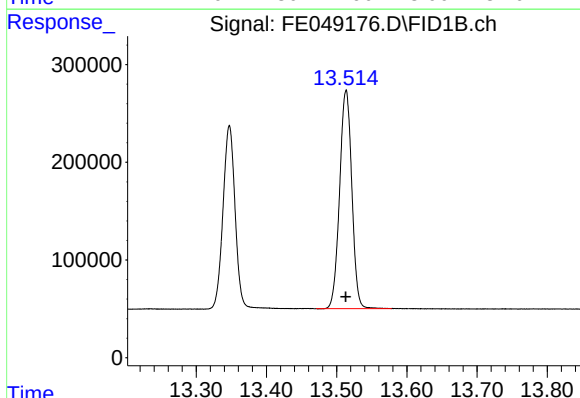
R.T.: 11.912 min
Delta R.T.: 0.001 min
Response: 2959735
Conc: 19.08 ug/ml

Instrument :
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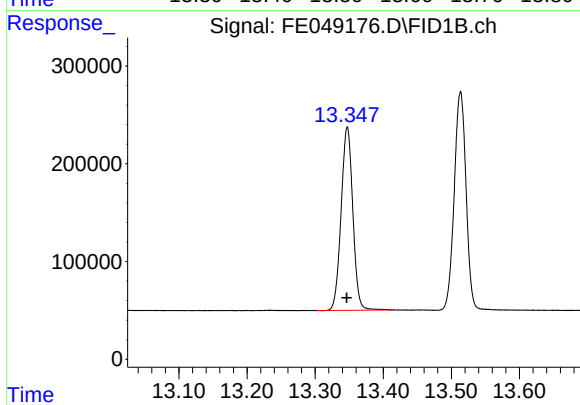
#10 n-Eicosane (C20)

R.T.: 12.902 min
Delta R.T.: 0.000 min
Response: 2748130
Conc: 19.00 ug/ml



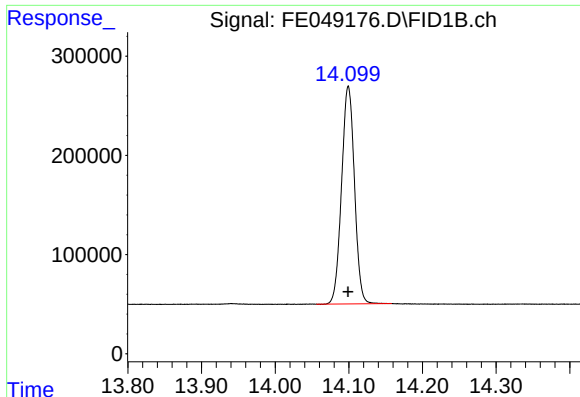
#11 n-Heneicosane (C21)

R.T.: 13.513 min
Delta R.T.: 0.000 min
Response: 2699823
Conc: 19.04 ug/ml



#12 1-chlorooctadecane (SURR)

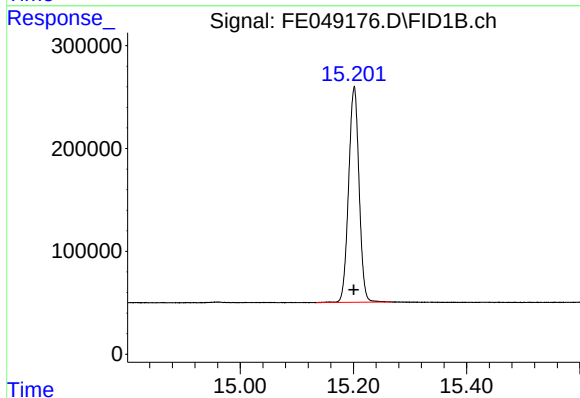
R.T.: 13.347 min
Delta R.T.: 0.000 min
Response: 2236268
Conc: 19.14 ug/ml



#13 n-Docosane (C22)

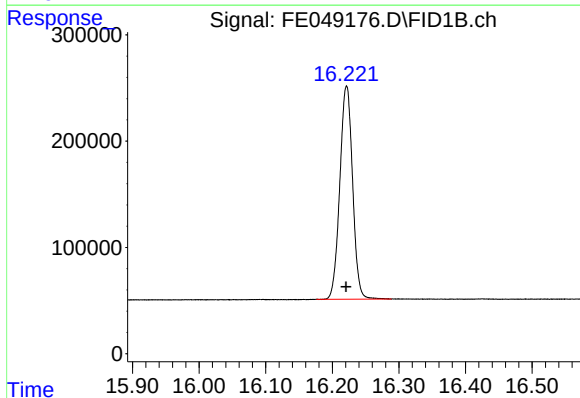
R.T.: 14.099 min
Delta R.T.: 0.000 min
Response: 2671373
Conc: 19.01 ug/ml

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20 PPM ALIPHATIC HC STD



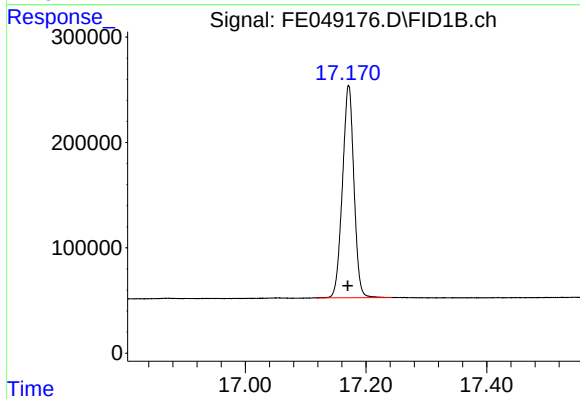
#14 n-Tetracosane (C24)

R.T.: 15.201 min
Delta R.T.: 0.001 min
Response: 2683786
Conc: 19.15 ug/ml



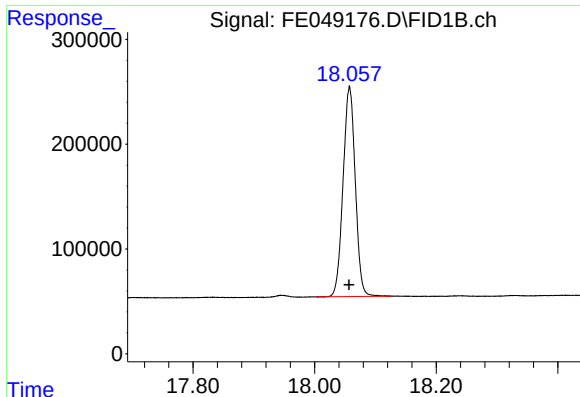
#15 n-Hexacosane (C26)

R.T.: 16.221 min
Delta R.T.: 0.000 min
Response: 2676694
Conc: 19.09 ug/ml



#16 n-Octacosane (C28)

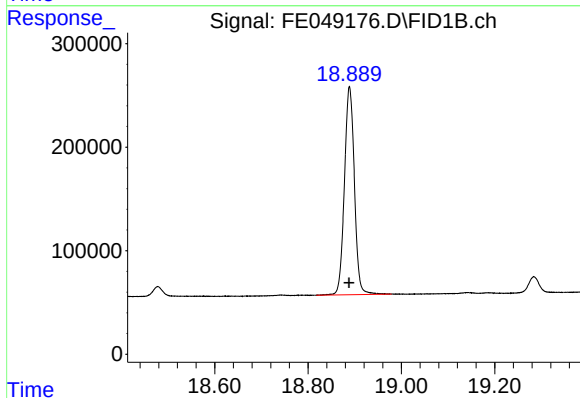
R.T.: 17.171 min
Delta R.T.: 0.001 min
Response: 2668222
Conc: 19.06 ug/ml



#17 n-Tricontane (C30)

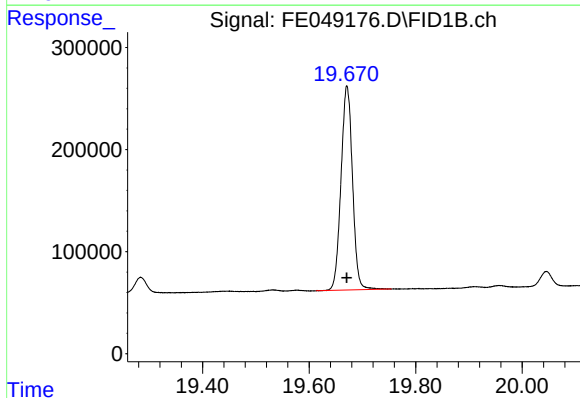
R.T.: 18.057 min
Delta R.T.: 0.000 min
Response: 2793924
Conc: 19.15 ug/ml

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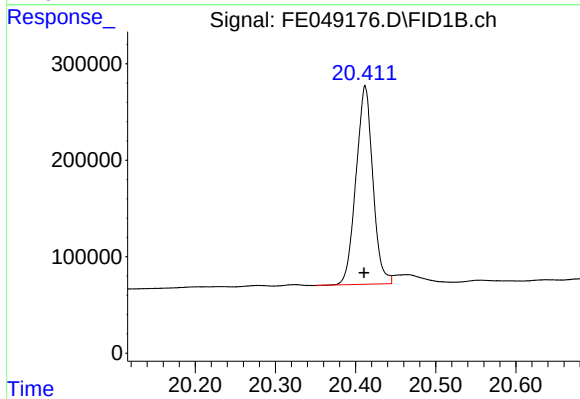
#18 n-Dotriacontane (C32)

R.T.: 18.889 min
Delta R.T.: 0.000 min
Response: 2978922
Conc: 20.26 ug/ml



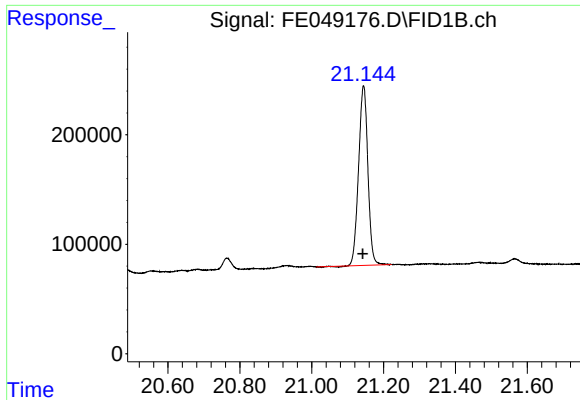
#19 n-Tetratriacontane (C34)

R.T.: 19.671 min
Delta R.T.: 0.000 min
Response: 2991441
Conc: 20.48 ug/ml



#20 n-Hexatriacontane (C36)

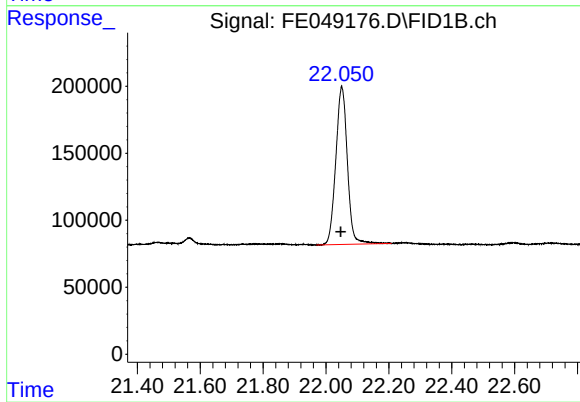
R.T.: 20.412 min
Delta R.T.: 0.002 min
Response: 3000684
Conc: 20.82 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.144 min
Delta R.T.: 0.003 min
Response: 2946748
Conc: 19.69 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.050 min
Delta R.T.: 0.003 min
Response: 3008819
Conc: 19.94 ug/ml