

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE122222AL\
 Data File : FE039454.D
 Signal(s) : FID1B.ch
 Acq On : 23 Dec 2022 00:45
 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: Dec 23 02:37:36 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 121722.M
 Quant Title : GC Extractables
 QLast Update : Sat Dec 17 15:09:52 2022
 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)	11.932	2960258	19.836 ug/ml
Spiked Amount 50.000		Recovery =	39.67%
12) S 1-chlorooctadecane (S...	13.368	2279139	19.802 ug/ml
Spiked Amount 50.000		Recovery =	39.60%
Target Compounds			
1) T n-Nonane (C9)	3.325	2415637	18.688 ug/ml
2) T n-Decane (C10)	4.575	2429491	19.067 ug/ml
3) T A~Naphthalene (C11.7)	6.278	2826814	19.555 ug/ml
4) T n-Dodecane (C12)	6.739	2459410	18.944 ug/ml
5) T A~2-methylnaphthalene...	7.373	2651953	19.582 ug/ml
6) T n-Tetradecane (C14)	8.565	2529590	19.090 ug/ml
7) T n-Hexadecane (C16)	10.172	2658993	19.328 ug/ml
8) T n-Octadecane (C18)	11.615	2738616	19.553 ug/ml
10) T n-Eicosane (C20)	12.923	2685968	19.676 ug/ml
11) T n-Heneicosane (C21)	13.536	2686088	19.694 ug/ml
13) T n-Docosane (C22)	14.122	2670758	19.743 ug/ml
14) T n-Tetracosane (C24)	15.225	2654107	19.771 ug/ml
15) T n-Hexacosane (C26)	16.246	2566336	19.709 ug/ml
16) T n-Octacosane (C28)	17.196	2623054	20.381 ug/ml
17) T n-Tricontane (C30)	18.084	2763343	21.463 ug/ml
18) T n-Dotriacontane (C32)	18.917	2855211	22.048 ug/ml
19) T n-Tetratriacontane (C34)	19.701	2687247	21.300 ug/ml
20) T n-Hexatriacontane (C36)	20.441	2451474	20.274 ug/ml
21) T n-Octatriacontane (C38)	21.179	2364638	19.147 ug/ml
22) T n-Tetracontane (C40)	22.091	2315239	18.436 ug/ml

(f)=RT Delta > 1/2 Window

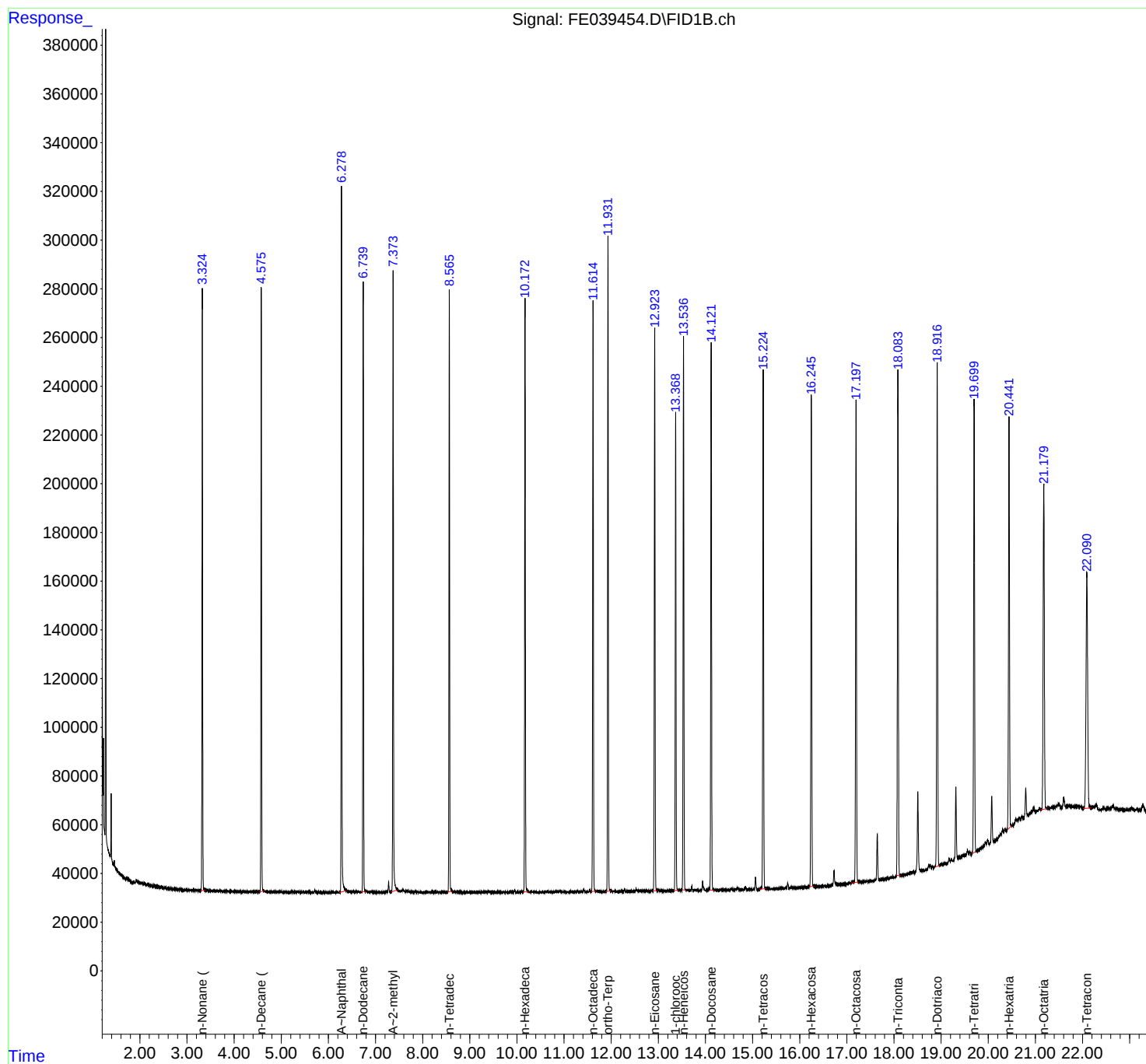
(m)=manual int.

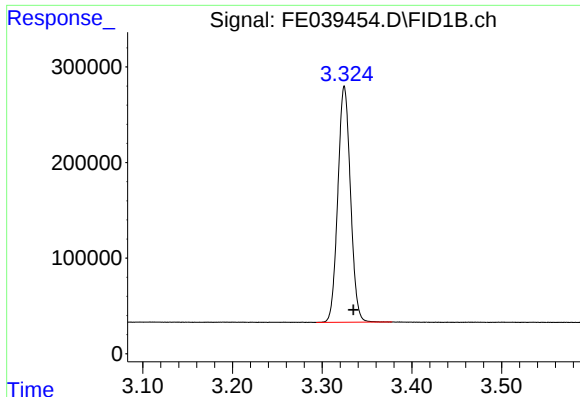
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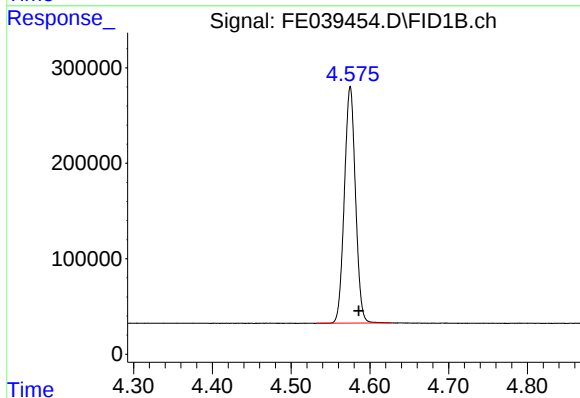




#1 n-Nonane (C9)

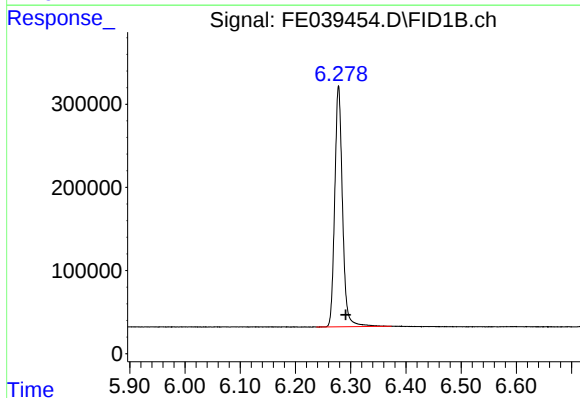
R.T.: 3.325 min
Delta R.T.: -0.010 min
Response: 2415637
Conc: 18.69 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



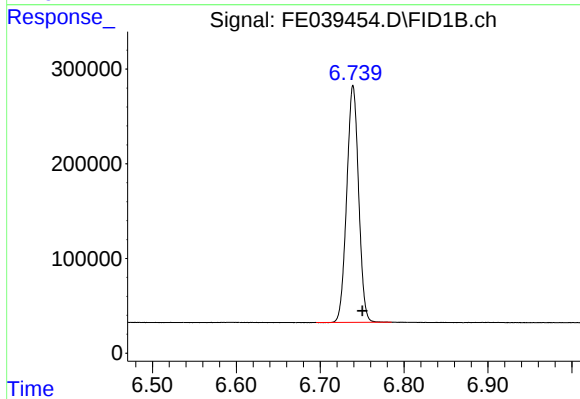
#2 n-Decane (C10)

R.T.: 4.575 min
Delta R.T.: -0.011 min
Response: 2429491
Conc: 19.07 ug/ml



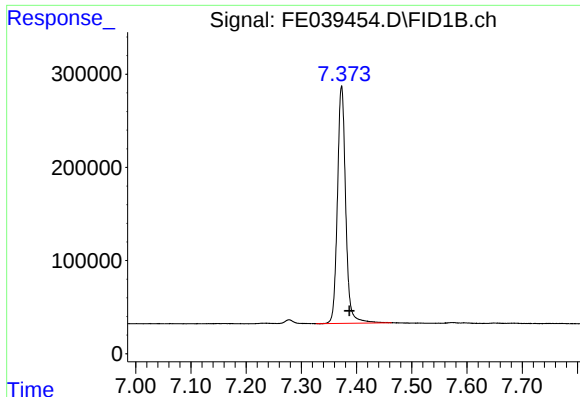
#3 A~Naphthalene (C11.7)

R.T.: 6.278 min
Delta R.T.: -0.013 min
Response: 2826814
Conc: 19.55 ug/ml



#4 n-Dodecane (C12)

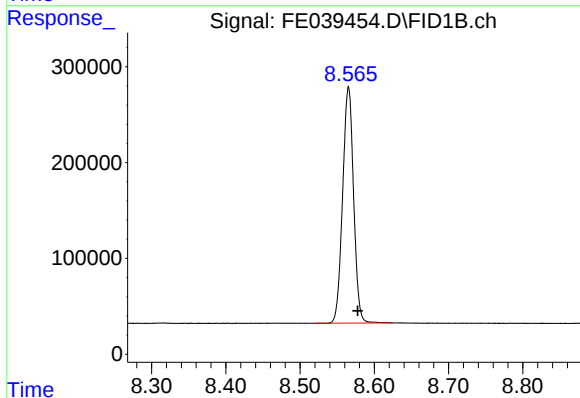
R.T.: 6.739 min
Delta R.T.: -0.011 min
Response: 2459410
Conc: 18.94 ug/ml



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

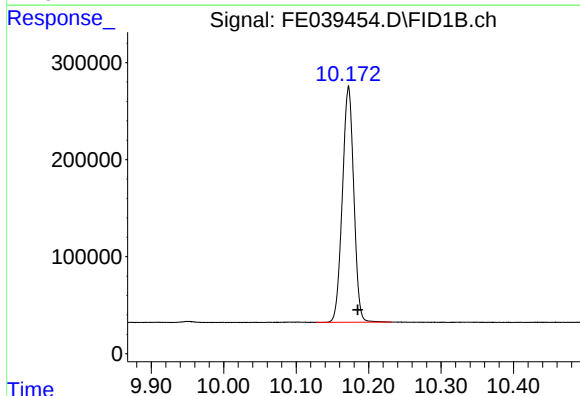
R.T.: 7.373 min
Delta R.T.: -0.014 min
Response: 2651953
Conc: 19.58 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



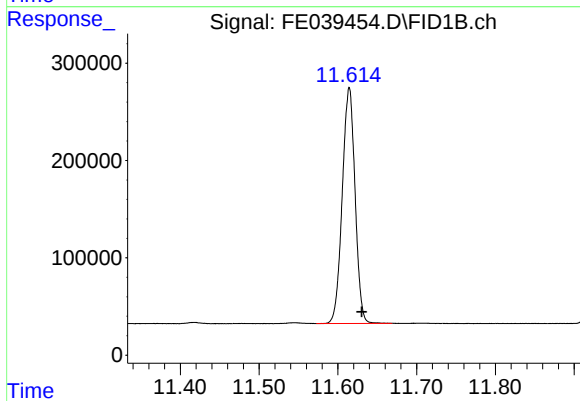
#6 n-Tetradecane (C14)

R.T.: 8.565 min
Delta R.T.: -0.013 min
Response: 2529590
Conc: 19.09 ug/ml



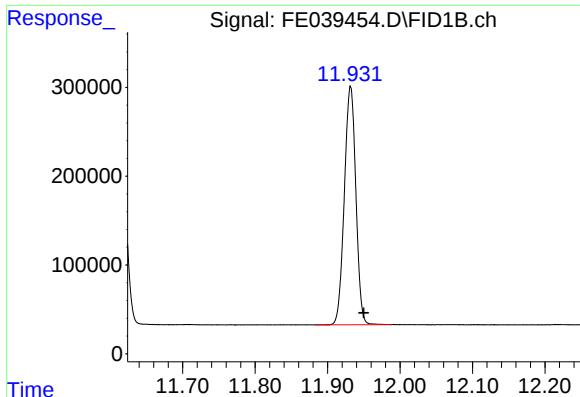
#7 n-Hexadecane (C16)

R.T.: 10.172 min
Delta R.T.: -0.013 min
Response: 2658993
Conc: 19.33 ug/ml



#8 n-Octadecane (C18)

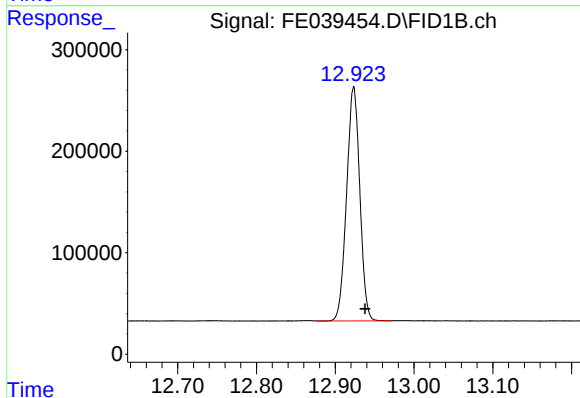
R.T.: 11.615 min
Delta R.T.: -0.016 min
Response: 2738616
Conc: 19.55 ug/ml



#9 ortho-Terphenyl (SURR)

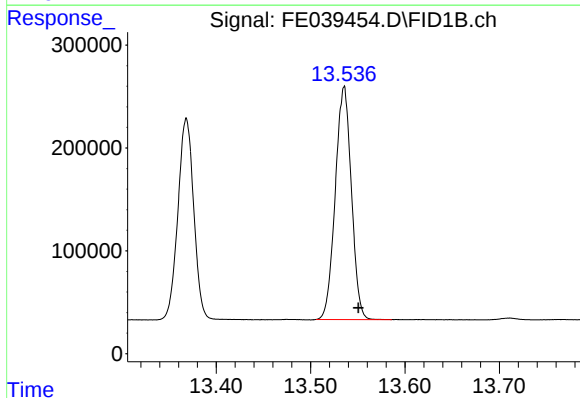
R.T.: 11.932 min
Delta R.T.: -0.018 min
Response: 2960258
Conc: 19.84 ug/ml

Instrument :
FID_E
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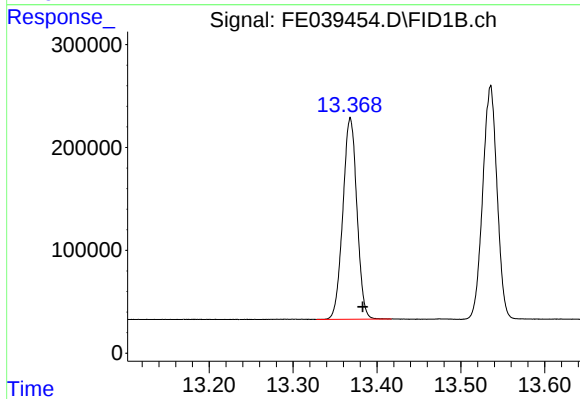
#10 n-Eicosane (C20)

R.T.: 12.923 min
Delta R.T.: -0.014 min
Response: 2685968
Conc: 19.68 ug/ml



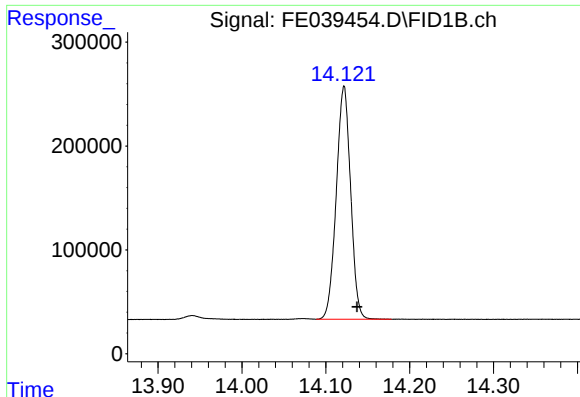
#11 n-Heneicosane (C21)

R.T.: 13.536 min
Delta R.T.: -0.015 min
Response: 2686088
Conc: 19.69 ug/ml



#12 1-chlorooctadecane (SURR)

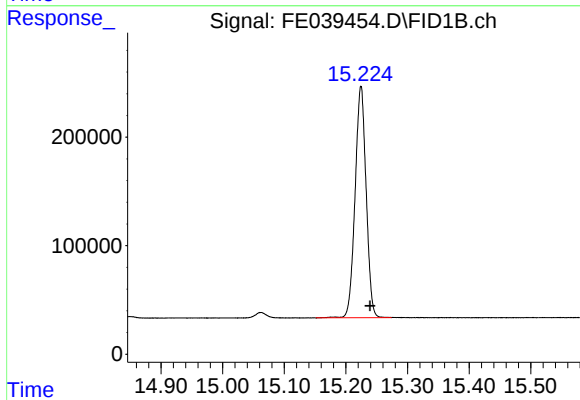
R.T.: 13.368 min
Delta R.T.: -0.015 min
Response: 2279139
Conc: 19.80 ug/ml



#13 n-Docosane (C22)

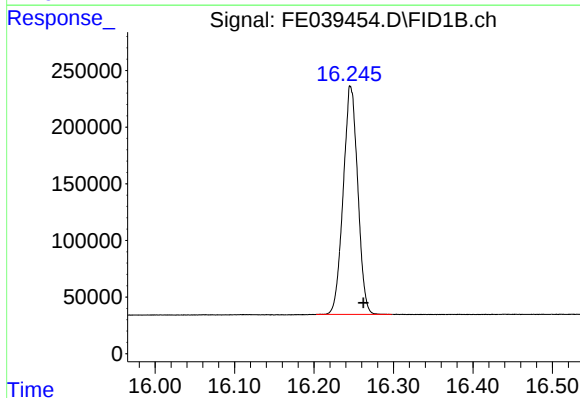
R.T.: 14.122 min
Delta R.T.: -0.015 min
Response: 2670758
Conc: 19.74 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



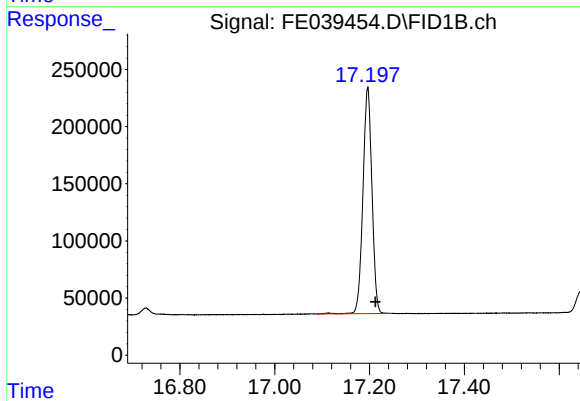
#14 n-Tetracosane (C24)

R.T.: 15.225 min
Delta R.T.: -0.015 min
Response: 2654107
Conc: 19.77 ug/ml



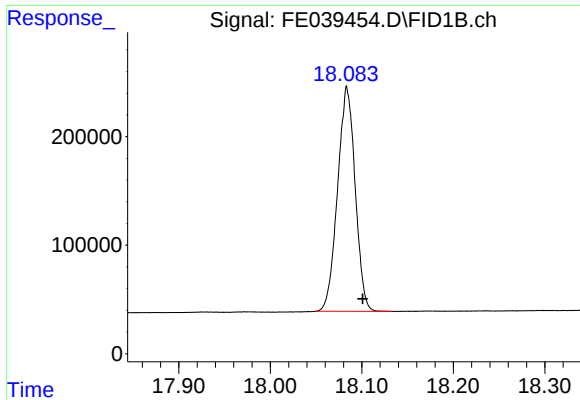
#15 n-Hexacosane (C26)

R.T.: 16.246 min
Delta R.T.: -0.016 min
Response: 2566336
Conc: 19.71 ug/ml



#16 n-Octacosane (C28)

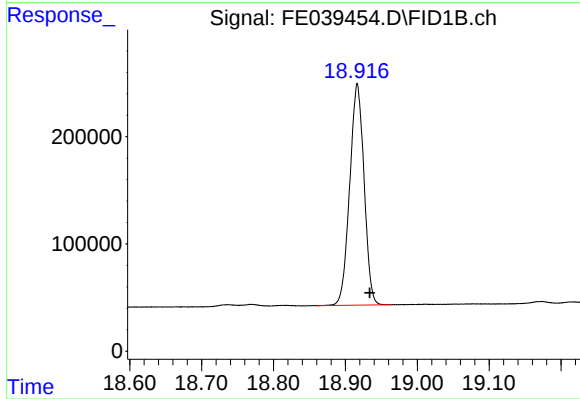
R.T.: 17.196 min
Delta R.T.: -0.016 min
Response: 2623054
Conc: 20.38 ug/ml



#17 n-Tricontane (C30)

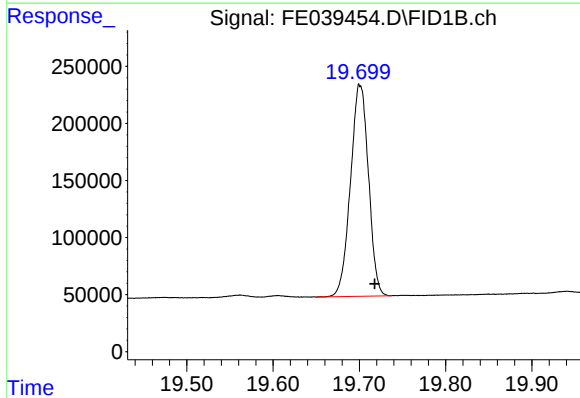
R.T.: 18.084 min
Delta R.T.: -0.017 min
Response: 2763343
Conc: 21.46 ug/ml

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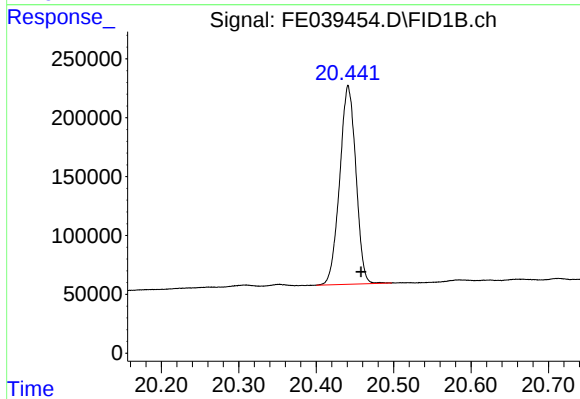
#18 n-Dotriacontane (C32)

R.T.: 18.917 min
Delta R.T.: -0.017 min
Response: 2855211
Conc: 22.05 ug/ml



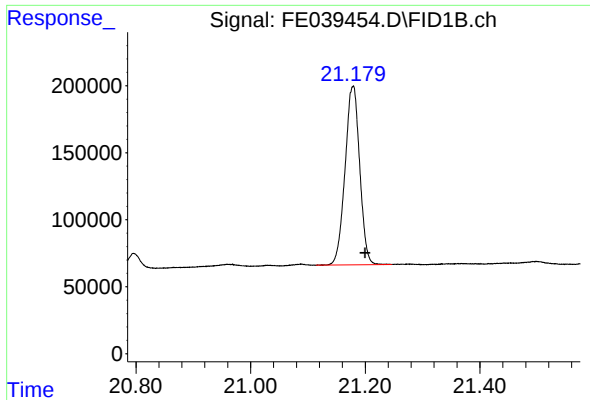
#19 n-Tetratriacontane (C34)

R.T.: 19.701 min
Delta R.T.: -0.017 min
Response: 2687247
Conc: 21.30 ug/ml



#20 n-Hexatriacontane (C36)

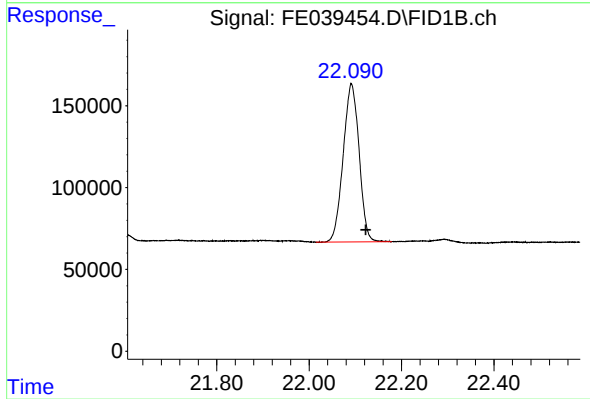
R.T.: 20.441 min
Delta R.T.: -0.017 min
Response: 2451474
Conc: 20.27 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.179 min
Delta R.T.: -0.021 min
Response: 2364638
Conc: 19.15 ug/ml

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FID_E
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.091 min
Delta R.T.: -0.031 min
Response: 2315239
Conc: 18.44 ug/ml