

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE122022AL\
 Data File : FE039420.D
 Signal(s) : FID1B.ch
 Acq On : 20 Dec 2022 22:25
 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 21 03:11:14 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	2914479	19.530 ug/ml
Spiked Amount 50.000		Recovery =	39.06%
12) S 1-chlorooctadecane (S...	13.367	2253156	19.576 ug/ml
Spiked Amount 50.000		Recovery =	39.15%
Target Compounds			
1) T n-Nonane (C9)	3.326	2389402	18.485 ug/ml
2) T n-Decane (C10)	4.576	2398826	18.826 ug/ml
3) T A~Naphthalene (C11.7)	6.279	2780545	19.235 ug/ml
4) T n-Dodecane (C12)	6.740	2439153	18.788 ug/ml
5) T A~2-methylnaphthalene...	7.374	2626038	19.390 ug/ml
6) T n-Tetradecane (C14)	8.566	2506726	18.917 ug/ml
7) T n-Hexadecane (C16)	10.172	2629529	19.114 ug/ml
8) T n-Octadecane (C18)	11.614	2703463	19.302 ug/ml
10) T n-Eicosane (C20)	12.922	2650195	19.414 ug/ml
11) T n-Heneicosane (C21)	13.534	2645813	19.399 ug/ml
13) T n-Docosane (C22)	14.120	2631923	19.456 ug/ml
14) T n-Tetracosane (C24)	15.222	2632305	19.609 ug/ml
15) T n-Hexacosane (C26)	16.243	2530520	19.434 ug/ml
16) T n-Octacosane (C28)	17.191	2555678	19.857 ug/ml
17) T n-Tricontane (C30)	18.079	2639158	20.498 ug/ml
18) T n-Dotriacontane (C32)	18.913	2768707	21.380 ug/ml
19) T n-Tetratriacontane (C34)	19.697	2623196	20.792 ug/ml
20) T n-Hexatriacontane (C36)	20.437	2411722	19.945 ug/ml
21) T n-Octatriacontane (C38)	21.174	2306549	18.677 ug/ml
22) T n-Tetracontane (C40)	22.084	2317452	18.453 ug/ml

(f)=RT Delta > 1/2 Window

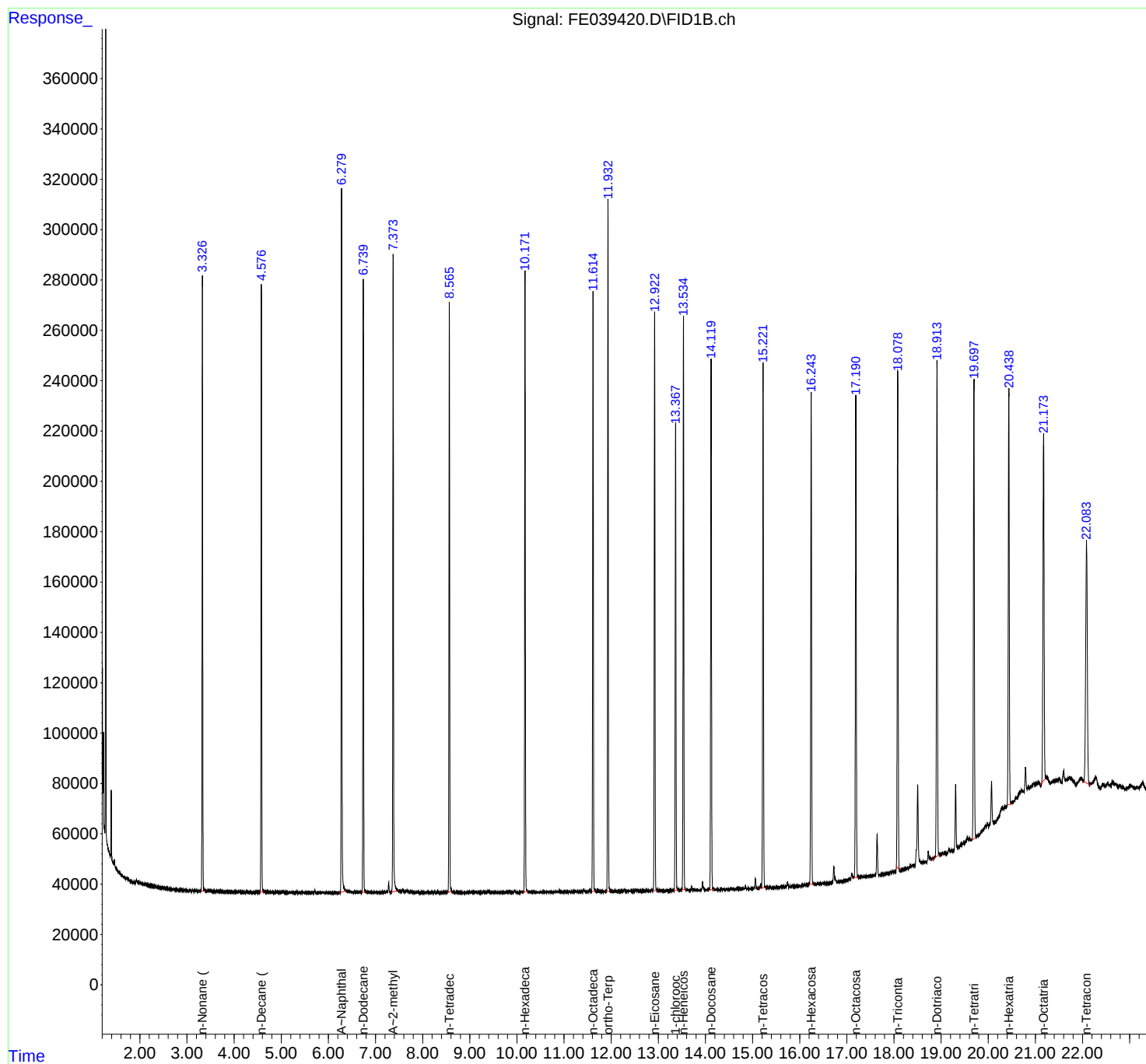
(m)=manual int.

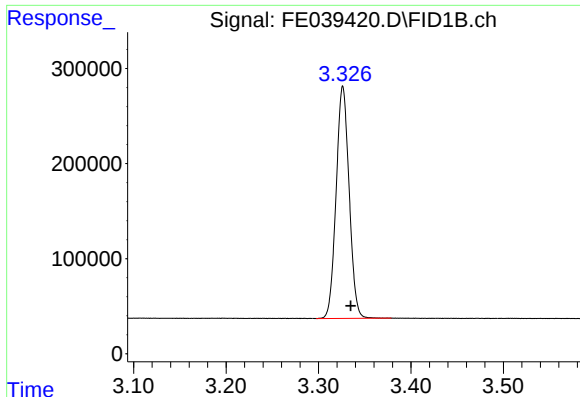
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE122022AL\
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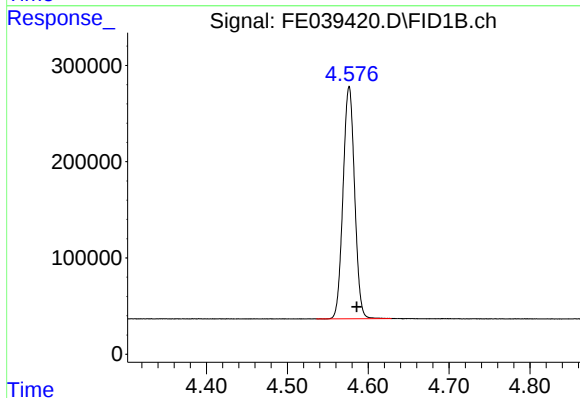




#1 n-Nonane (C9)

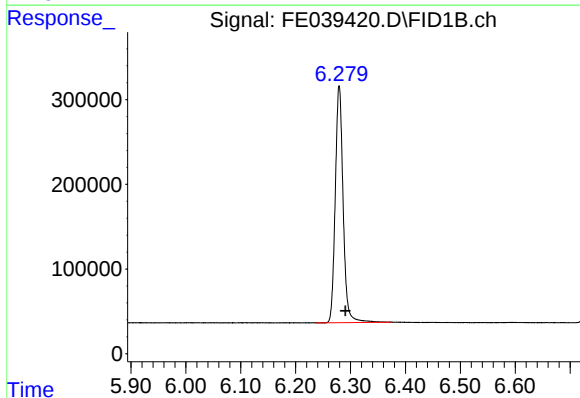
R.T.: 3.326 min
Delta R.T.: -0.009 min
Response: 2389402
Conc: 18.49 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



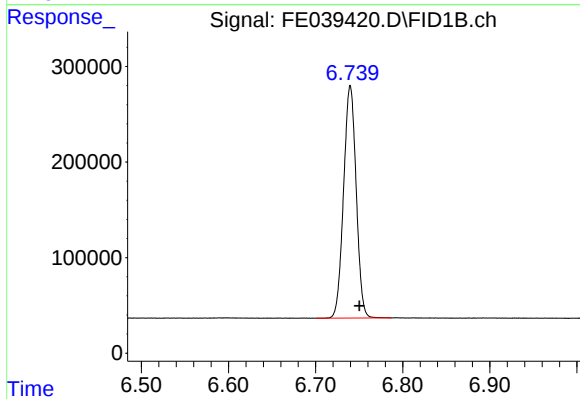
#2 n-Decane (C10)

R.T.: 4.576 min
Delta R.T.: -0.009 min
Response: 2398826
Conc: 18.83 ug/ml



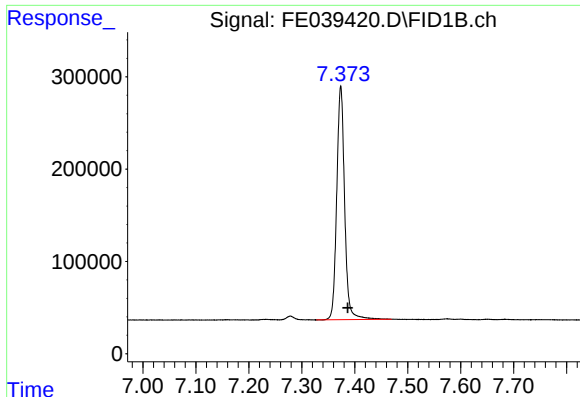
#3 A~Naphthalene (C11.7)

R.T.: 6.279 min
Delta R.T.: -0.011 min
Response: 2780545
Conc: 19.23 ug/ml



#4 n-Dodecane (C12)

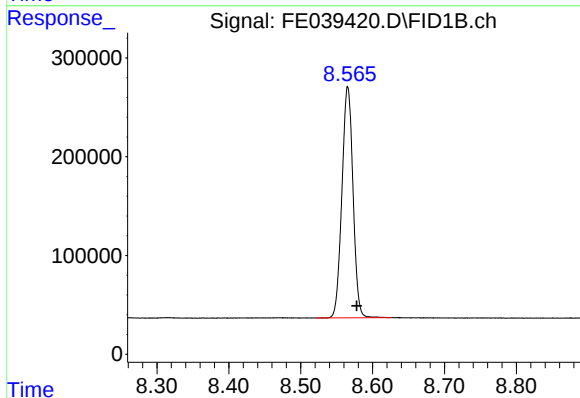
R.T.: 6.740 min
Delta R.T.: -0.011 min
Response: 2439153
Conc: 18.79 ug/ml



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

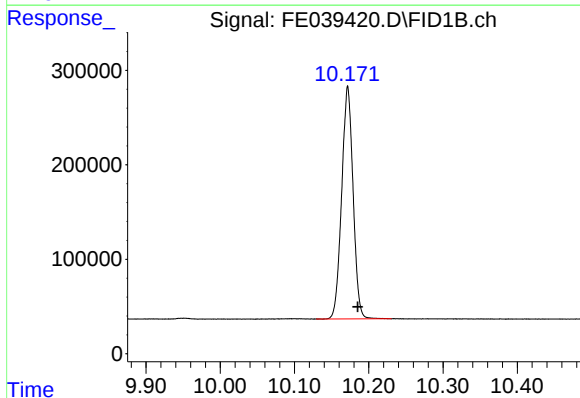
R.T.: 7.374 min
Delta R.T.: -0.013 min
Response: 2626038
Conc: 19.39 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



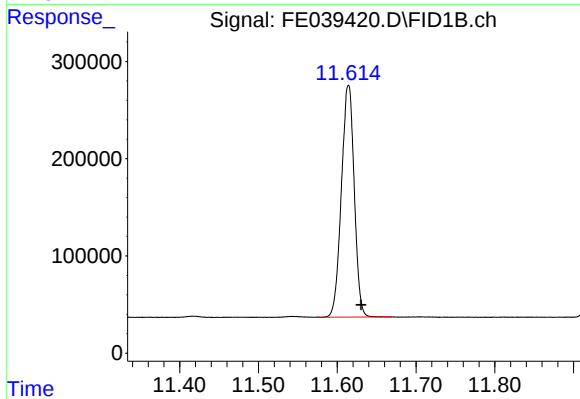
#6 n-Tetradecane (C14)

R.T.: 8.566 min
Delta R.T.: -0.012 min
Response: 2506726
Conc: 18.92 ug/ml



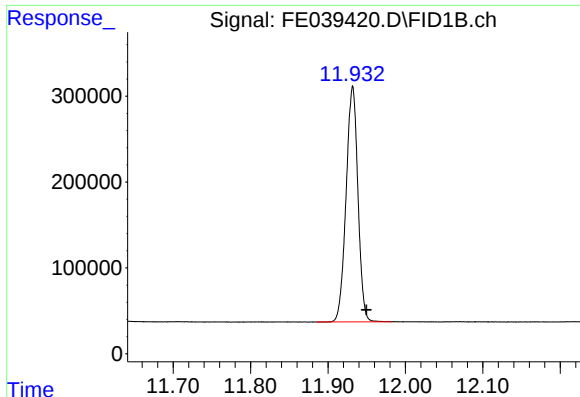
#7 n-Hexadecane (C16)

R.T.: 10.172 min
Delta R.T.: -0.013 min
Response: 2629529
Conc: 19.11 ug/ml



#8 n-Octadecane (C18)

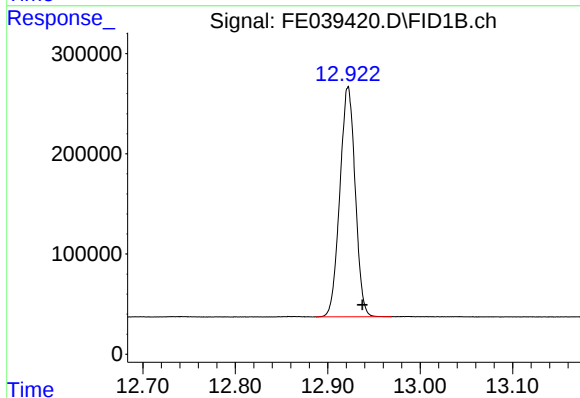
R.T.: 11.614 min
Delta R.T.: -0.016 min
Response: 2703463
Conc: 19.30 ug/ml



#9 ortho-Terphenyl (SURR)

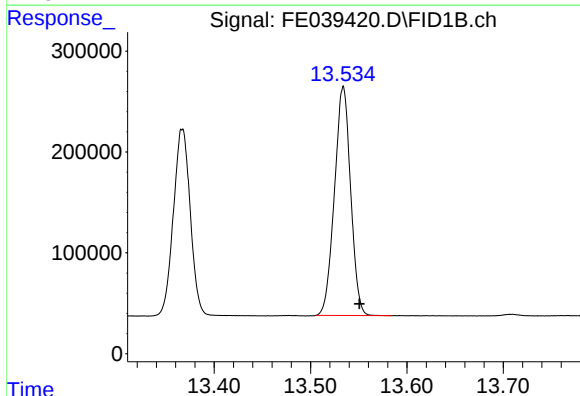
R.T.: 11.932 min
Delta R.T.: -0.018 min
Response: 2914479
Conc: 19.53 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



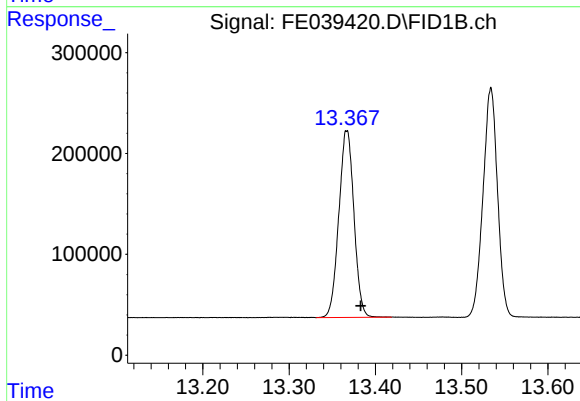
#10 n-Eicosane (C20)

R.T.: 12.922 min
Delta R.T.: -0.016 min
Response: 2650195
Conc: 19.41 ug/ml



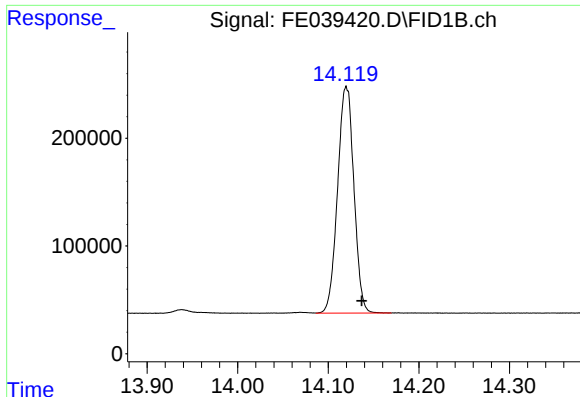
#11 n-Heneicosane (C21)

R.T.: 13.534 min
Delta R.T.: -0.017 min
Response: 2645813
Conc: 19.40 ug/ml



#12 1-chlorooctadecane (SURR)

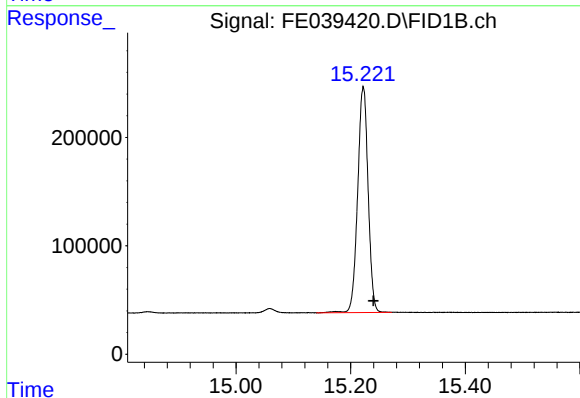
R.T.: 13.367 min
Delta R.T.: -0.016 min
Response: 2253156
Conc: 19.58 ug/ml



#13 n-Docosane (C22)

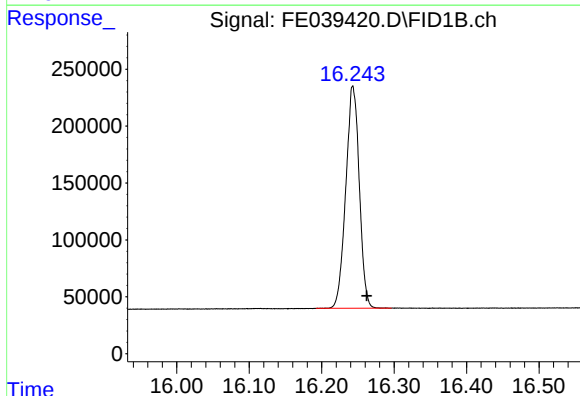
R.T.: 14.120 min
Delta R.T.: -0.017 min
Response: 2631923
Conc: 19.46 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



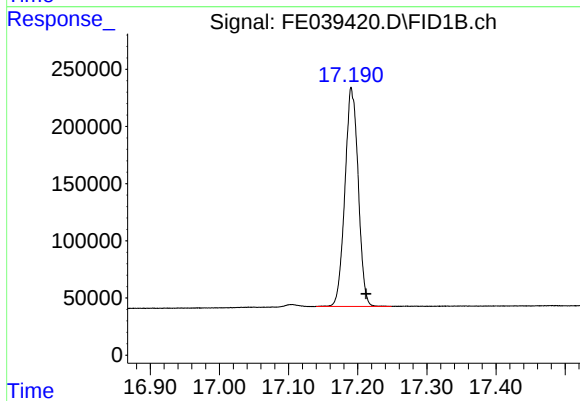
#14 n-Tetracosane (C24)

R.T.: 15.222 min
Delta R.T.: -0.018 min
Response: 2632305
Conc: 19.61 ug/ml



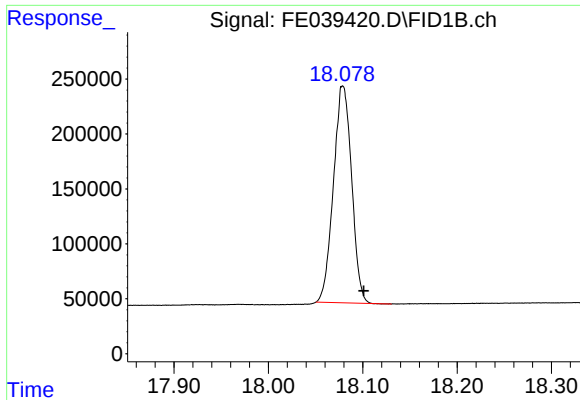
#15 n-Hexacosane (C26)

R.T.: 16.243 min
Delta R.T.: -0.019 min
Response: 2530520
Conc: 19.43 ug/ml



#16 n-Octacosane (C28)

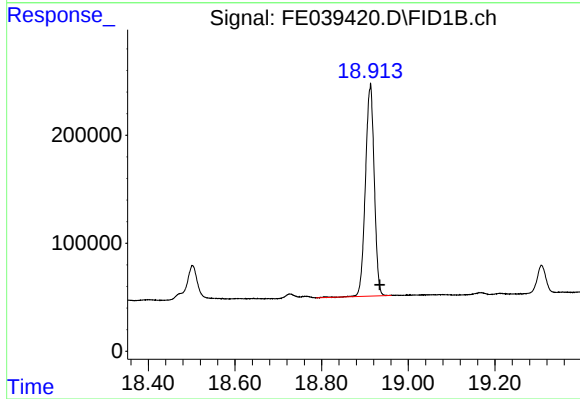
R.T.: 17.191 min
Delta R.T.: -0.021 min
Response: 2555678
Conc: 19.86 ug/ml



#17 n-Tricontane (C30)

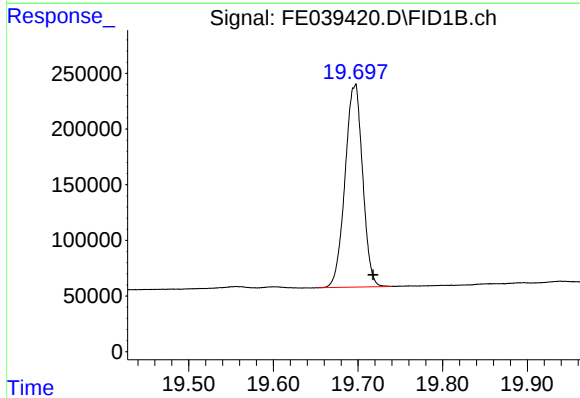
R.T.: 18.079 min
Delta R.T.: -0.022 min
Response: 2639158
Conc: 20.50 ug/ml

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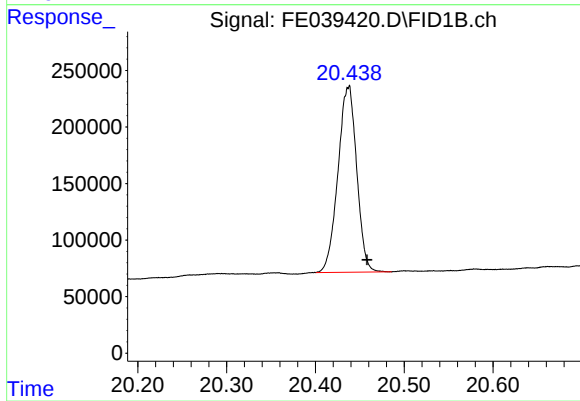
#18 n-Dotriacontane (C32)

R.T.: 18.913 min
Delta R.T.: -0.021 min
Response: 2768707
Conc: 21.38 ug/ml



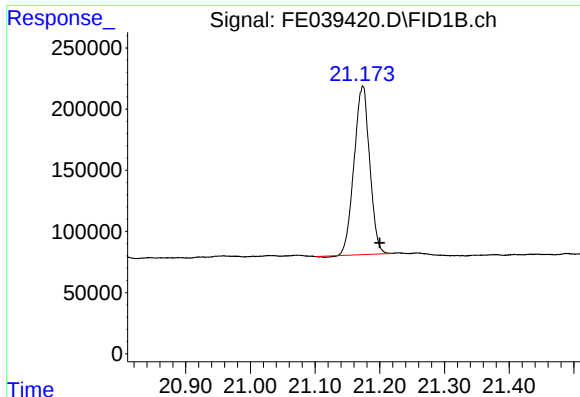
#19 n-Tetratriacontane (C34)

R.T.: 19.697 min
Delta R.T.: -0.021 min
Response: 2623196
Conc: 20.79 ug/ml



#20 n-Hexatriacontane (C36)

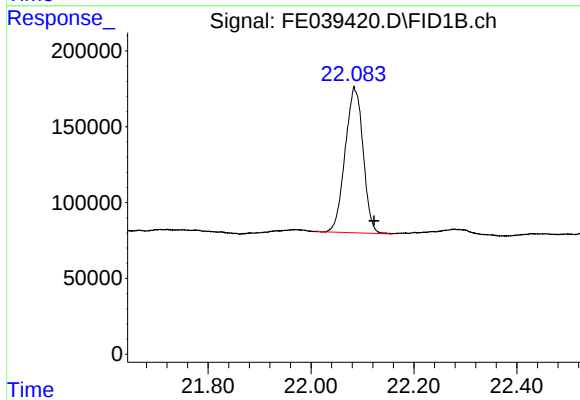
R.T.: 20.437 min
Delta R.T.: -0.021 min
Response: 2411722
Conc: 19.95 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.174 min
Delta R.T.: -0.026 min
Response: 2306549
Conc: 18.68 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.084 min
Delta R.T.: -0.039 min
Response: 2317452
Conc: 18.45 ug/ml