

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE122022AL\
 Data File : FE039405.D
 Signal(s) : FID1B.ch
 Acq On : 20 Dec 2022 10:48
 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 20 15:55:08 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	2924420	19.596 ug/ml
Spiked Amount 50.000		Recovery =	39.19%
12) S 1-chlorooctadecane (S...	13.368	2246559	19.518 ug/ml
Spiked Amount 50.000		Recovery =	39.04%
Target Compounds			
1) T n-Nonane (C9)	3.327	2400110	18.568 ug/ml
2) T n-Decane (C10)	4.577	2409017	18.906 ug/ml
3) T A~Naphthalene (C11.7)	6.280	2788153	19.287 ug/ml
4) T n-Dodecane (C12)	6.740	2447985	18.856 ug/ml
5) T A~2-methylnaphthalene...	7.374	2620011	19.346 ug/ml
6) T n-Tetradecane (C14)	8.566	2517744	19.000 ug/ml
7) T n-Hexadecane (C16)	10.173	2644167	19.220 ug/ml
8) T n-Octadecane (C18)	11.615	2710812	19.354 ug/ml
10) T n-Eicosane (C20)	12.924	2659408	19.482 ug/ml
11) T n-Heneicosane (C21)	13.535	2657226	19.482 ug/ml
13) T n-Docosane (C22)	14.121	2635221	19.480 ug/ml
14) T n-Tetracosane (C24)	15.223	2594335	19.326 ug/ml
15) T n-Hexacosane (C26)	16.244	2527513	19.411 ug/ml
16) T n-Octacosane (C28)	17.194	2551102	19.822 ug/ml
17) T n-Tricontane (C30)	18.082	2645625	20.549 ug/ml
18) T n-Dotriacontane (C32)	18.913	2733258	21.106 ug/ml
19) T n-Tetratriacontane (C34)	19.697	2600623	20.613 ug/ml
20) T n-Hexatriacontane (C36)	20.437	2386759	19.739 ug/ml
21) T n-Octatriacontane (C38)	21.174	2384580	19.309 ug/ml
22) T n-Tetracontane (C40)	22.084	2279763	18.153 ug/ml

(f)=RT Delta > 1/2 Window

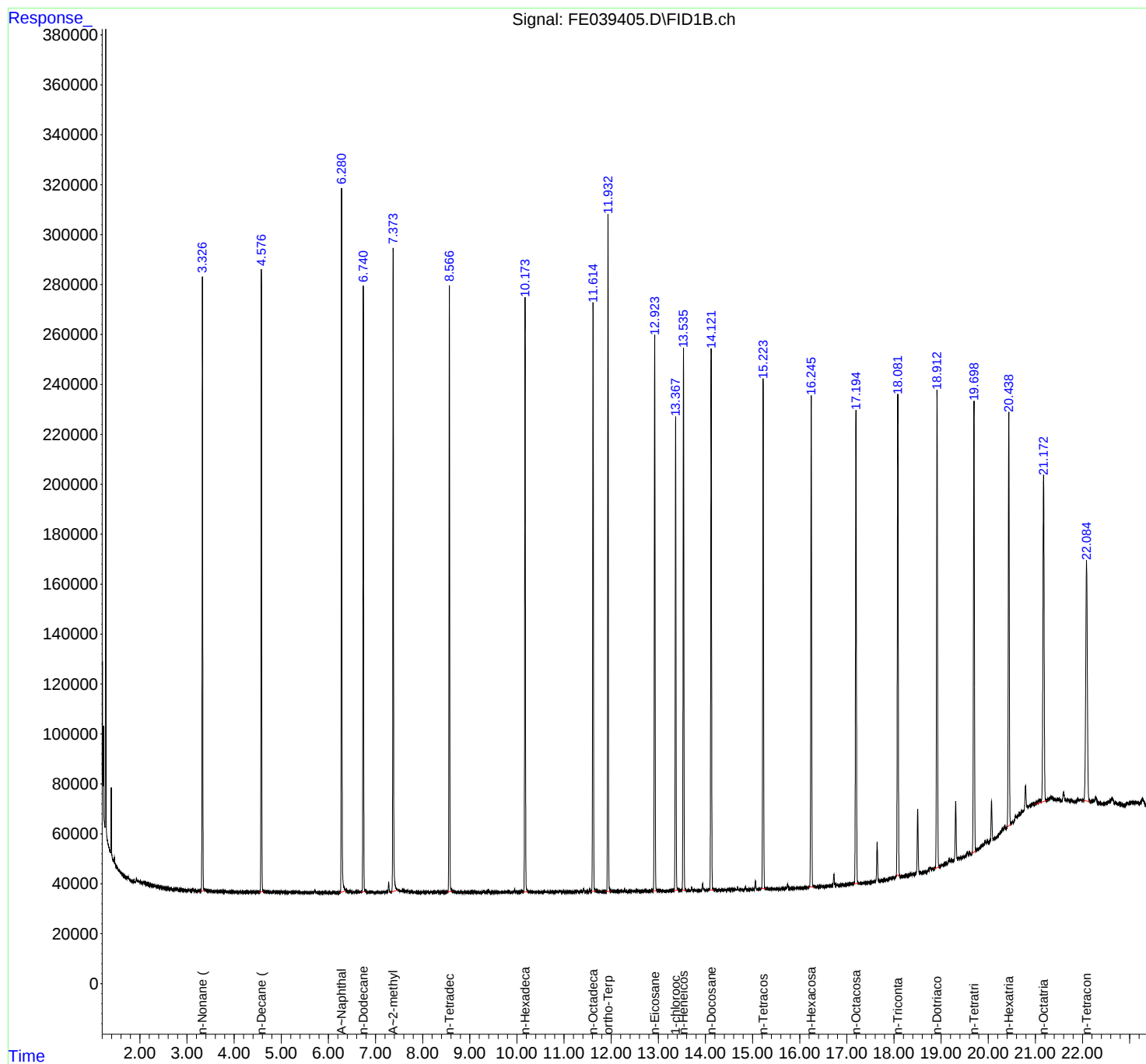
(m)=manual int.

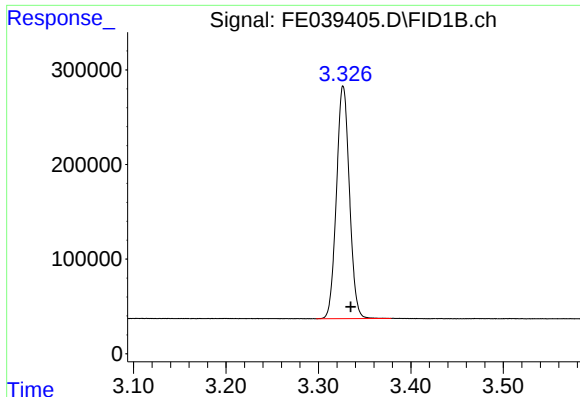
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE122022AL\
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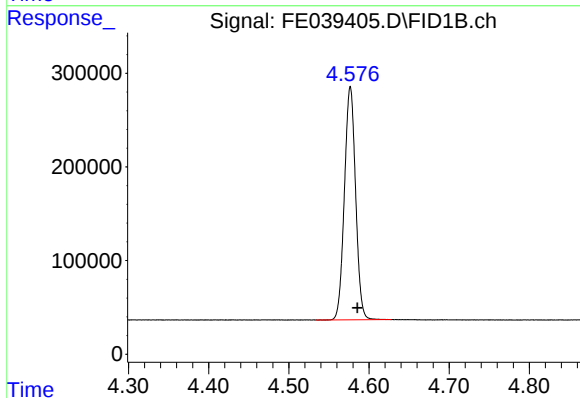




#1 n-Nonane (C9)

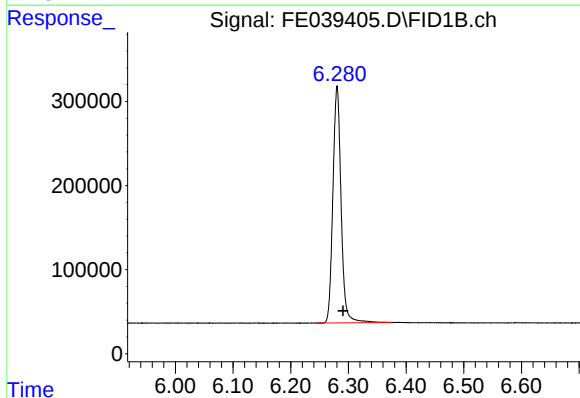
R.T.: 3.327 min
Delta R.T.: -0.008 min
Response: 2400110
Conc: 18.57 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



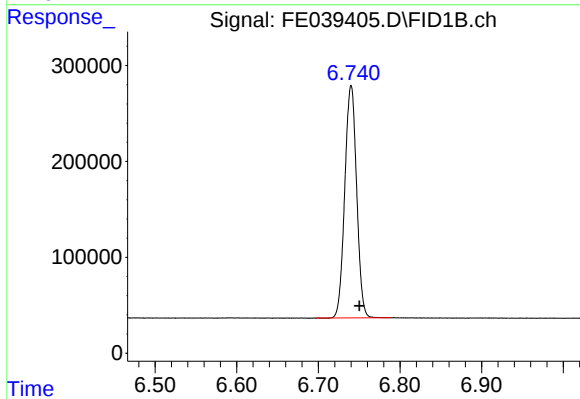
#2 n-Decane (C10)

R.T.: 4.577 min
Delta R.T.: -0.009 min
Response: 2409017
Conc: 18.91 ug/ml



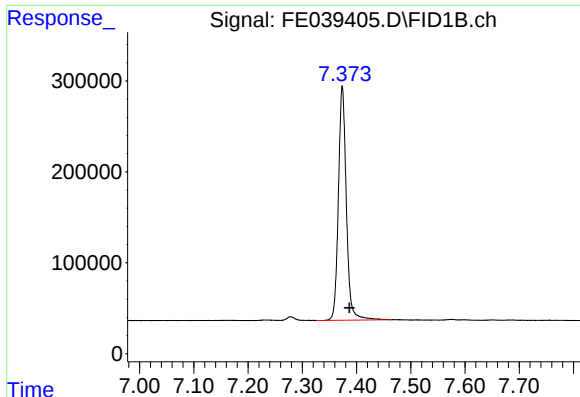
#3 A~Naphthalene (C11.7)

R.T.: 6.280 min
Delta R.T.: -0.010 min
Response: 2788153
Conc: 19.29 ug/ml



#4 n-Dodecane (C12)

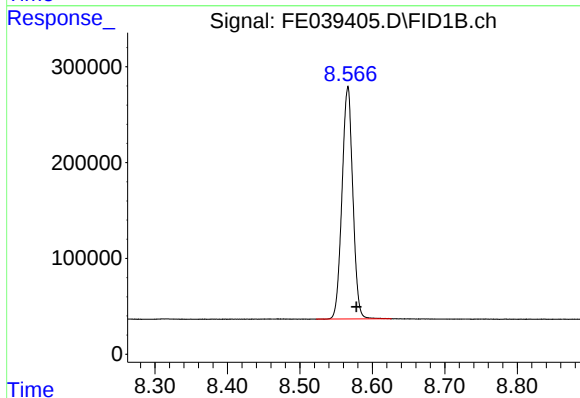
R.T.: 6.740 min
Delta R.T.: -0.010 min
Response: 2447985
Conc: 18.86 ug/ml



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

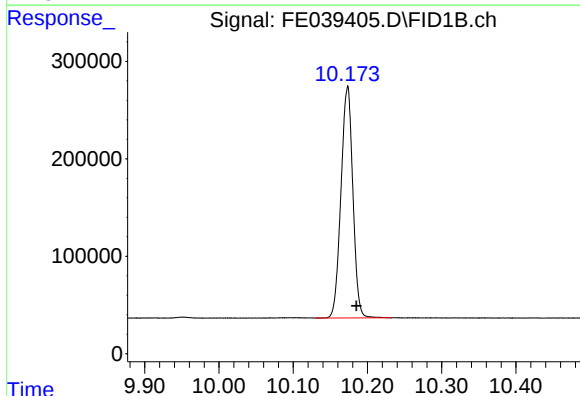
R.T.: 7.374 min
Delta R.T.: -0.013 min
Response: 2620011
Conc: 19.35 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



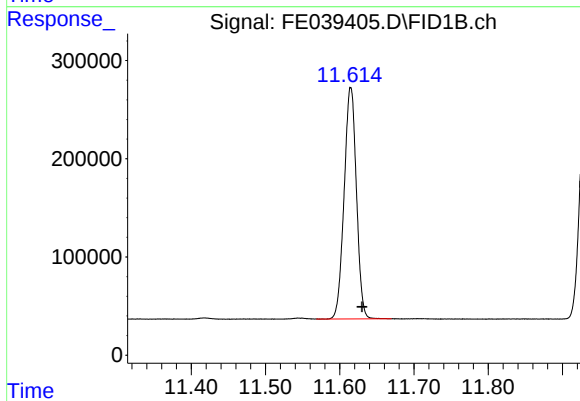
#6 n-Tetradecane (C14)

R.T.: 8.566 min
Delta R.T.: -0.012 min
Response: 2517744
Conc: 19.00 ug/ml



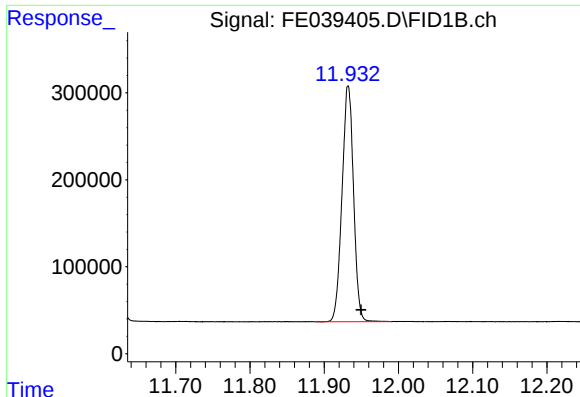
#7 n-Hexadecane (C16)

R.T.: 10.173 min
Delta R.T.: -0.012 min
Response: 2644167
Conc: 19.22 ug/ml



#8 n-Octadecane (C18)

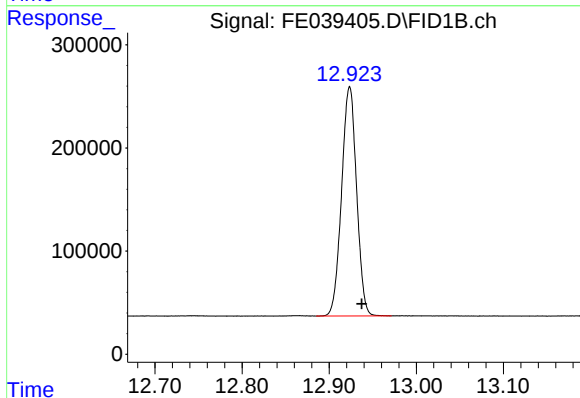
R.T.: 11.615 min
Delta R.T.: -0.015 min
Response: 2710812
Conc: 19.35 ug/ml



#9 ortho-Terphenyl (SURR)

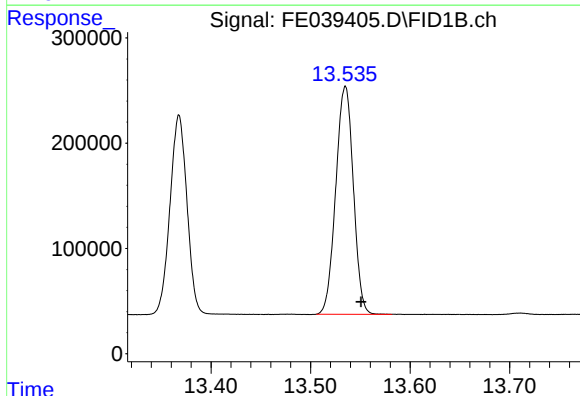
R.T.: 11.932 min
Delta R.T.: -0.017 min
Response: 2924420
Conc: 19.60 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



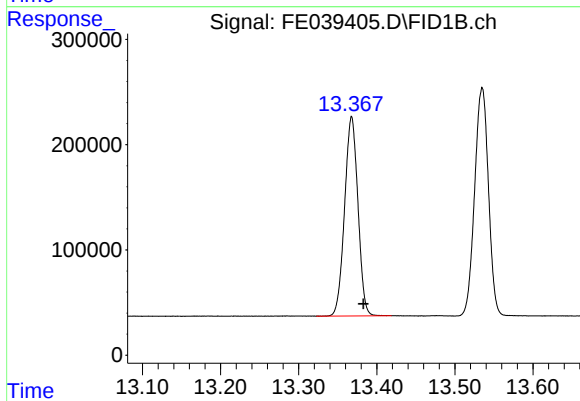
#10 n-Eicosane (C20)

R.T.: 12.924 min
Delta R.T.: -0.014 min
Response: 2659408
Conc: 19.48 ug/ml



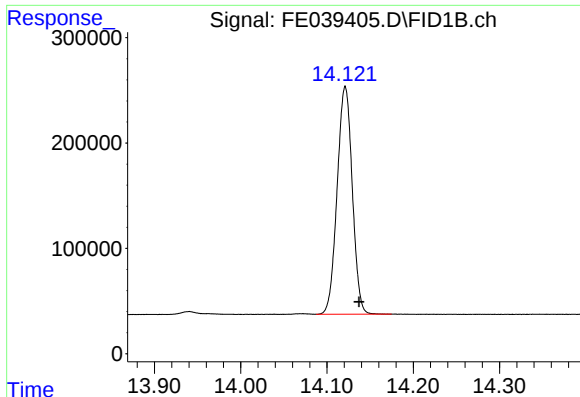
#11 n-Heneicosane (C21)

R.T.: 13.535 min
Delta R.T.: -0.016 min
Response: 2657226
Conc: 19.48 ug/ml



#12 1-chlorooctadecane (SURR)

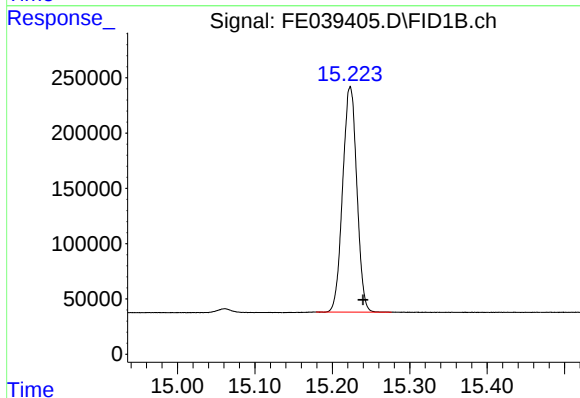
R.T.: 13.368 min
Delta R.T.: -0.015 min
Response: 2246559
Conc: 19.52 ug/ml



#13 n-Docosane (C22)

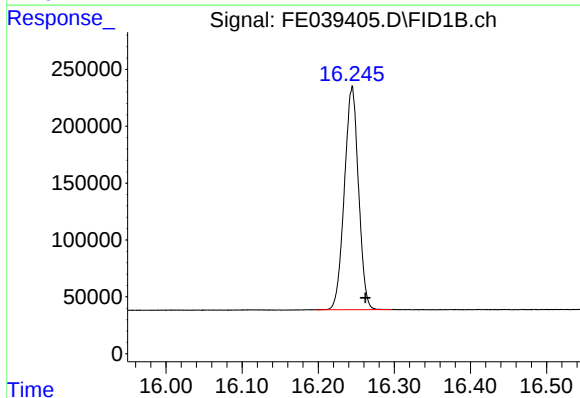
R.T.: 14.121 min
Delta R.T.: -0.016 min
Response: 2635221
Conc: 19.48 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



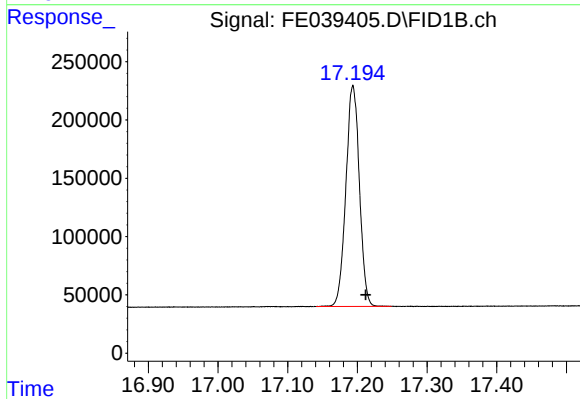
#14 n-Tetracosane (C24)

R.T.: 15.223 min
Delta R.T.: -0.016 min
Response: 2594335
Conc: 19.33 ug/ml



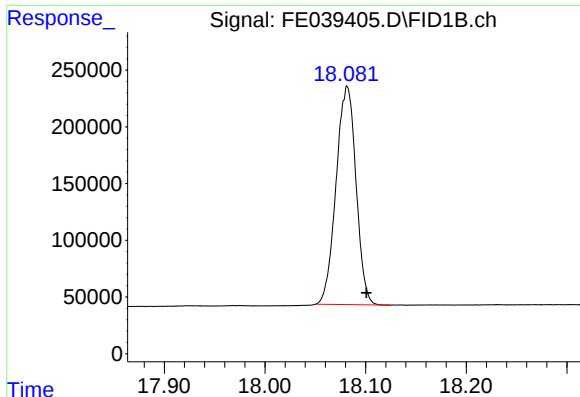
#15 n-Hexacosane (C26)

R.T.: 16.244 min
Delta R.T.: -0.018 min
Response: 2527513
Conc: 19.41 ug/ml



#16 n-Octacosane (C28)

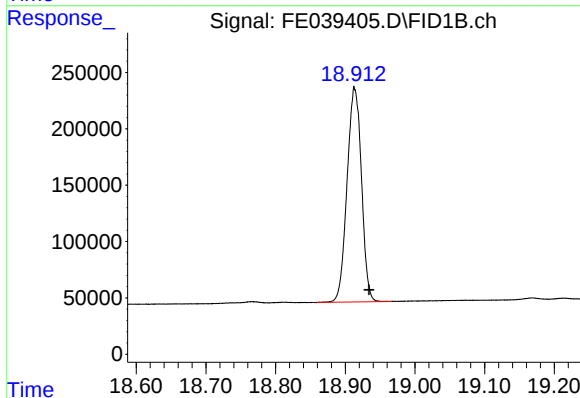
R.T.: 17.194 min
Delta R.T.: -0.019 min
Response: 2551102
Conc: 19.82 ug/ml



#17 n-Tricontane (C30)

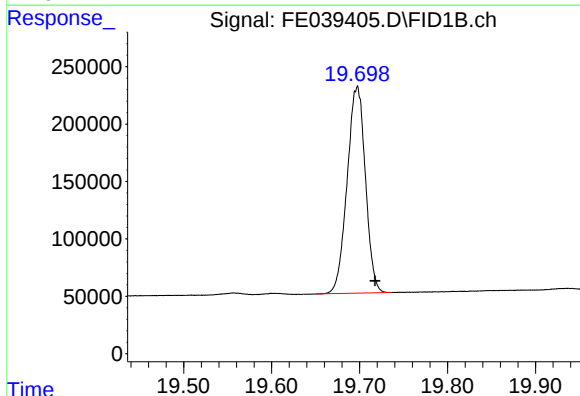
R.T.: 18.082 min
Delta R.T.: -0.019 min
Response: 2645625
Conc: 20.55 ug/ml

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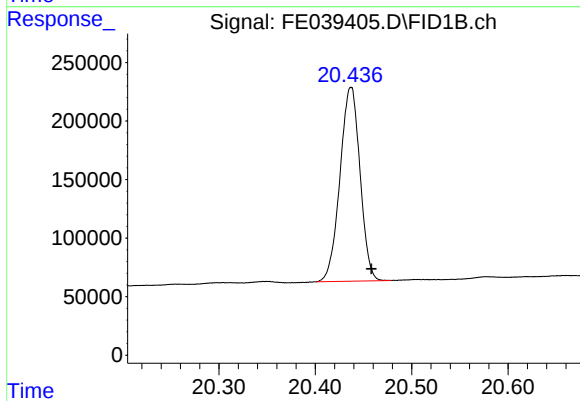
#18 n-Dotriacontane (C32)

R.T.: 18.913 min
Delta R.T.: -0.021 min
Response: 2733258
Conc: 21.11 ug/ml



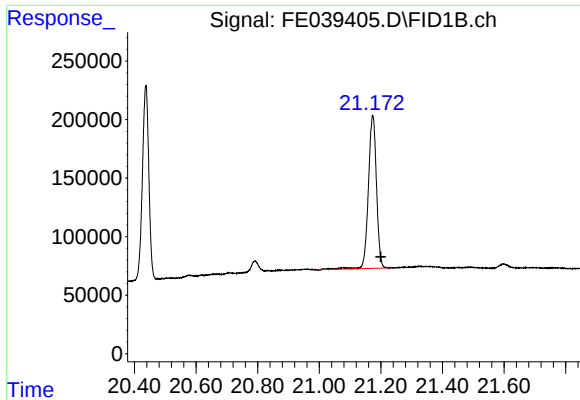
#19 n-Tetratriacontane (C34)

R.T.: 19.697 min
Delta R.T.: -0.021 min
Response: 2600623
Conc: 20.61 ug/ml



#20 n-Hexatriacontane (C36)

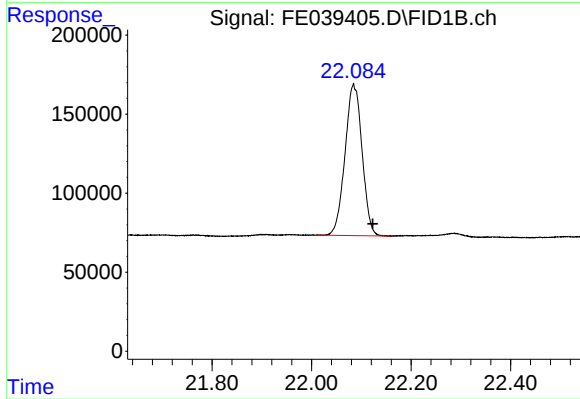
R.T.: 20.437 min
Delta R.T.: -0.021 min
Response: 2386759
Conc: 19.74 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.174 min
Delta R.T.: -0.026 min
Response: 2384580
Conc: 19.31 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.084 min
Delta R.T.: -0.038 min
Response: 2279763
Conc: 18.15 ug/ml