

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE122022AL\
 Data File : FE039402.D
 Signal(s) : FID1B.ch
 Acq On : 20 Dec 2022 09:12
 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 15:54:46 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)	11.933	2900774	19.438 ug/ml
Spiked Amount 50.000		Recovery =	38.88%
12) S 1-chlorooctadecane (S...	13.369	2222426	19.309 ug/ml
Spiked Amount 50.000		Recovery =	38.62%
Target Compounds			
1) T n-Nonane (C9)	3.328	2416029	18.691 ug/ml
2) T n-Decane (C10)	4.577	2428137	19.056 ug/ml
3) T A~Naphthalene (C11.7)	6.281	2793221	19.323 ug/ml
4) T n-Dodecane (C12)	6.741	2459386	18.944 ug/ml
5) T A~2-methylnaphthalene...	7.375	2621270	19.355 ug/ml
6) T n-Tetradecane (C14)	8.567	2524427	19.051 ug/ml
7) T n-Hexadecane (C16)	10.173	2634999	19.153 ug/ml
8) T n-Octadecane (C18)	11.616	2699748	19.275 ug/ml
10) T n-Eicosane (C20)	12.925	2637788	19.324 ug/ml
11) T n-Heneicosane (C21)	13.536	2636537	19.331 ug/ml
13) T n-Docosane (C22)	14.121	2608052	19.280 ug/ml
14) T n-Tetracosane (C24)	15.224	2560555	19.074 ug/ml
15) T n-Hexacosane (C26)	16.245	2489168	19.117 ug/ml
16) T n-Octacosane (C28)	17.195	2509759	19.501 ug/ml
17) T n-Tricontane (C30)	18.082	2606785	20.247 ug/ml
18) T n-Dotriacontane (C32)	18.916	2689211	20.766 ug/ml
19) T n-Tetratriacontane (C34)	19.698	2579474	20.446 ug/ml
20) T n-Hexatriacontane (C36)	20.440	2364238	19.553 ug/ml
21) T n-Octatriacontane (C38)	21.177	2429229	19.670 ug/ml
22) T n-Tetracontane (C40)	22.089	2237741	17.819 ug/ml

(f)=RT Delta > 1/2 Window

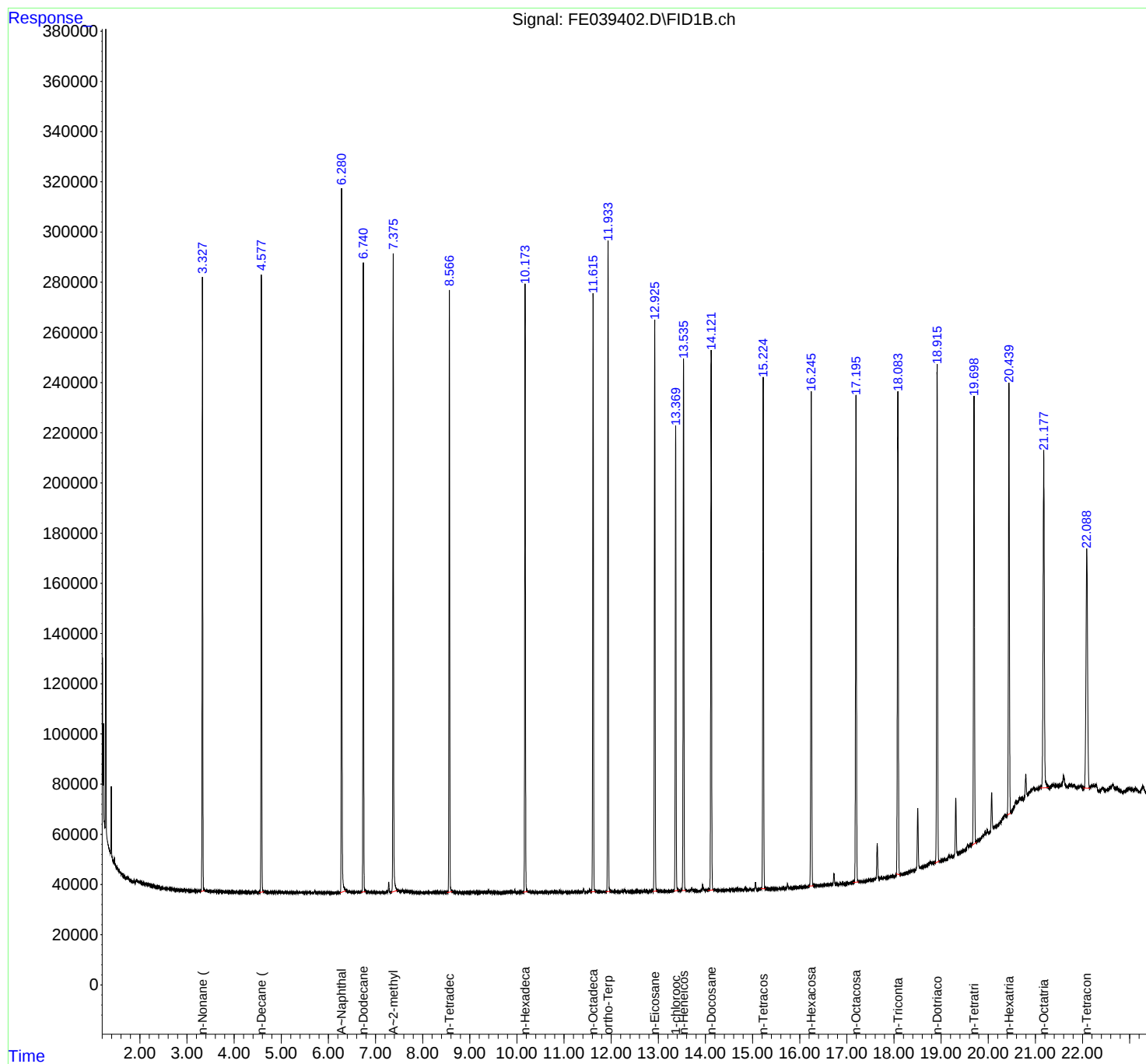
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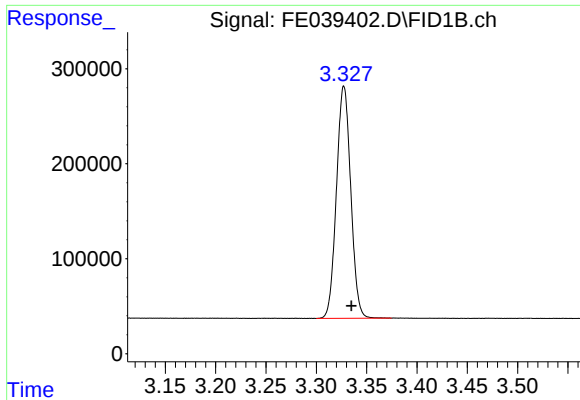
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE122022AL\
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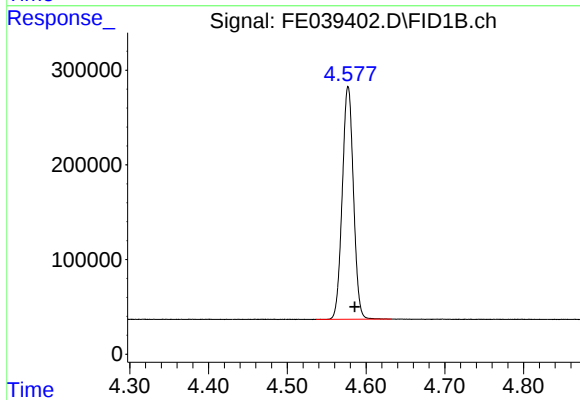




#1 n-Nonane (C9)

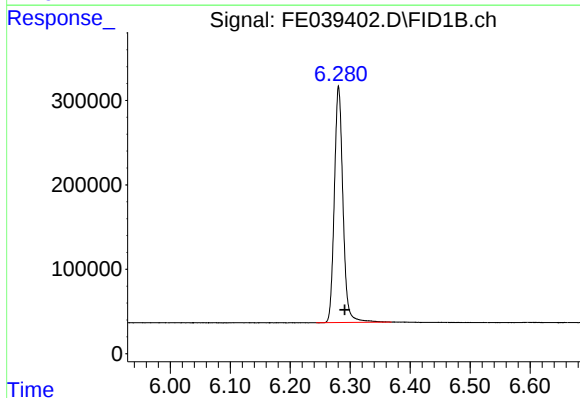
R.T.: 3.328 min
Delta R.T.: -0.007 min
Response: 2416029
Conc: 18.69 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



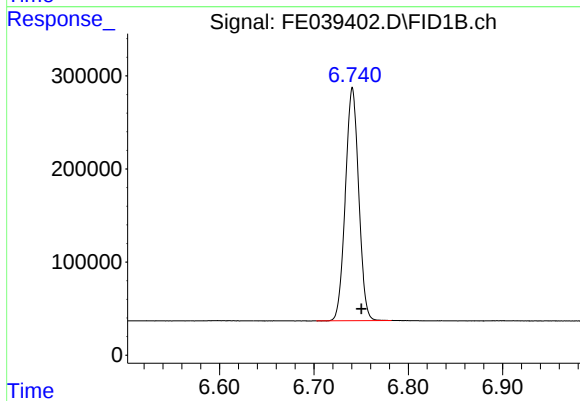
#2 n-Decane (C10)

R.T.: 4.577 min
Delta R.T.: -0.009 min
Response: 2428137
Conc: 19.06 ug/ml



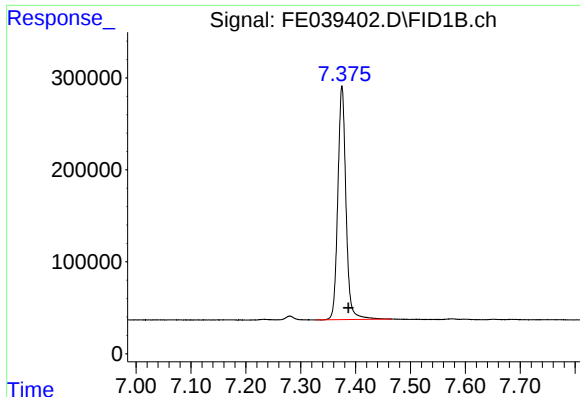
#3 A~Naphthalene (C11.7)

R.T.: 6.281 min
Delta R.T.: -0.010 min
Response: 2793221
Conc: 19.32 ug/ml



#4 n-Dodecane (C12)

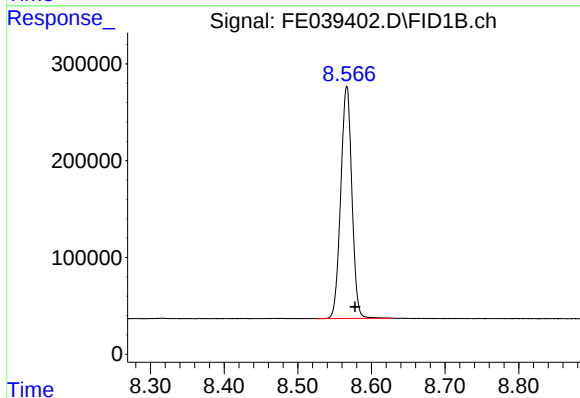
R.T.: 6.741 min
Delta R.T.: -0.010 min
Response: 2459386
Conc: 18.94 ug/ml



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

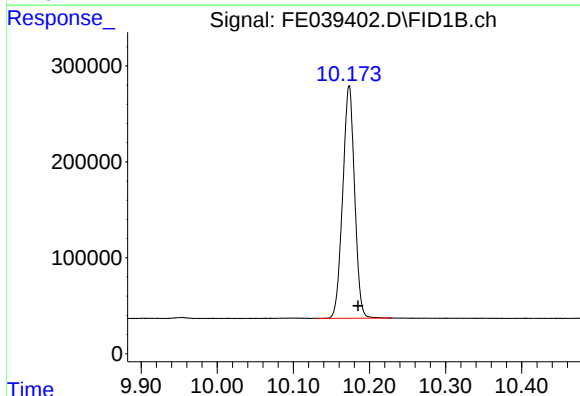
R.T.: 7.375 min
Delta R.T.: -0.012 min
Response: 2621270
Conc: 19.35 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



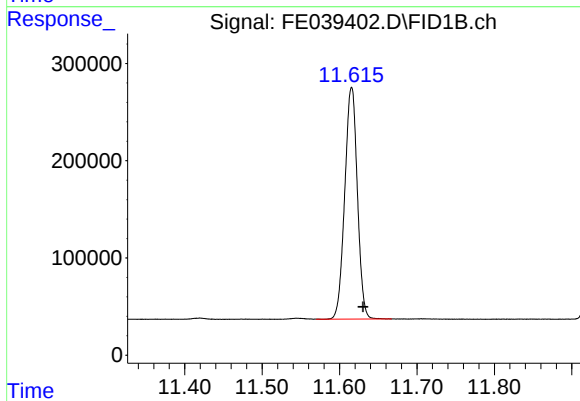
#6 n-Tetradecane (C14)

R.T.: 8.567 min
Delta R.T.: -0.011 min
Response: 2524427
Conc: 19.05 ug/ml



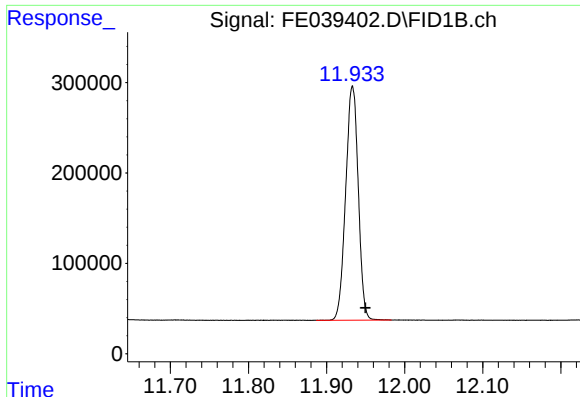
#7 n-Hexadecane (C16)

R.T.: 10.173 min
Delta R.T.: -0.012 min
Response: 2634999
Conc: 19.15 ug/ml



#8 n-Octadecane (C18)

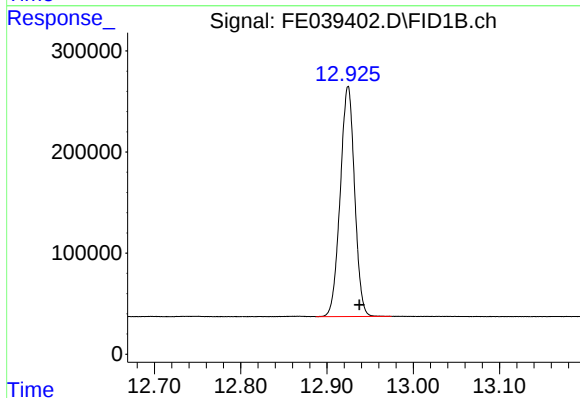
R.T.: 11.616 min
Delta R.T.: -0.015 min
Response: 2699748
Conc: 19.28 ug/ml



#9 ortho-Terphenyl (SURR)

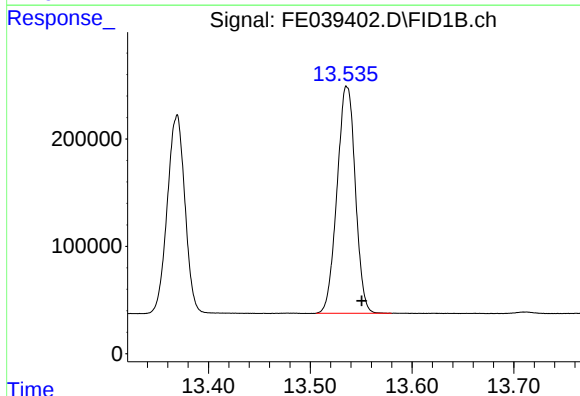
R.T.: 11.933 min
Delta R.T.: -0.017 min
Response: 2900774
Conc: 19.44 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



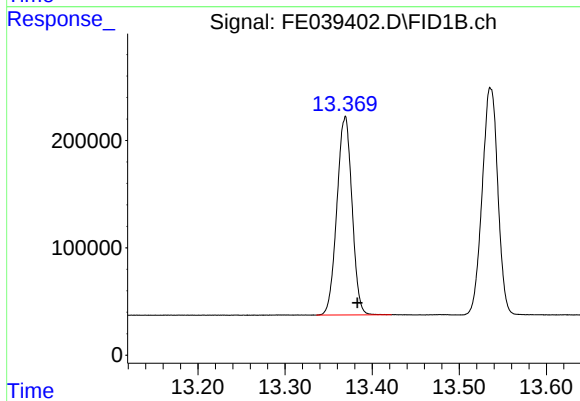
#10 n-Eicosane (C20)

R.T.: 12.925 min
Delta R.T.: -0.013 min
Response: 2637788
Conc: 19.32 ug/ml



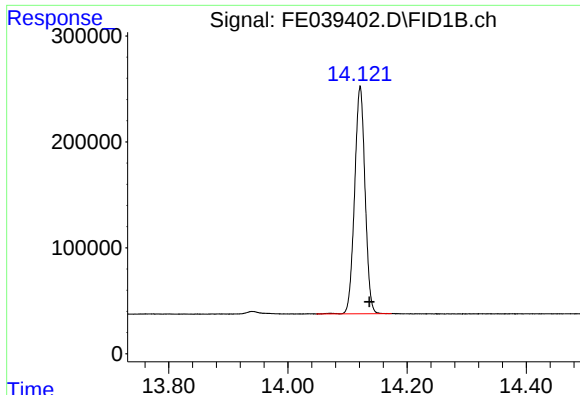
#11 n-Heneicosane (C21)

R.T.: 13.536 min
Delta R.T.: -0.015 min
Response: 2636537
Conc: 19.33 ug/ml



#12 1-chlorooctadecane (SURR)

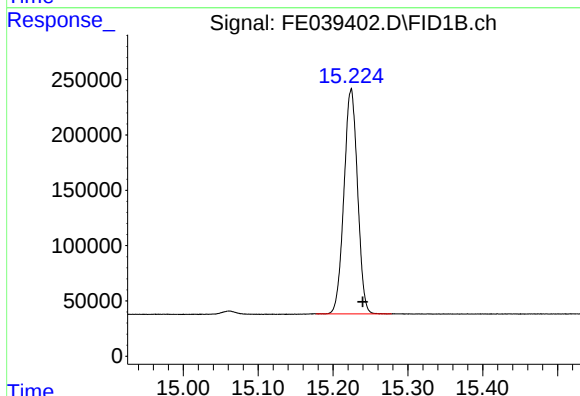
R.T.: 13.369 min
Delta R.T.: -0.014 min
Response: 2222426
Conc: 19.31 ug/ml



#13 n-Docosane (C22)

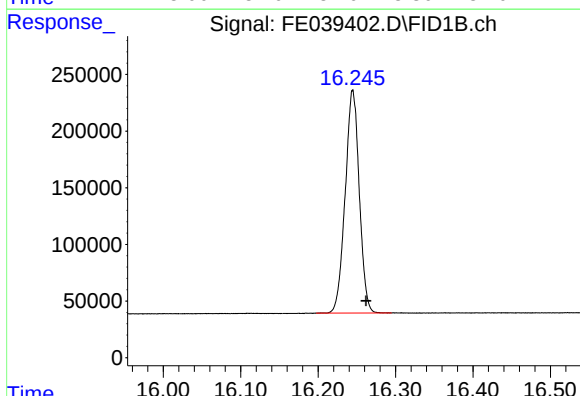
R.T.: 14.121 min
Delta R.T.: -0.016 min
Response: 2608052
Conc: 19.28 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



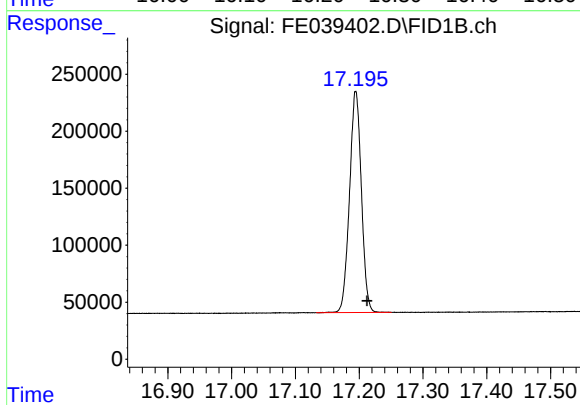
#14 n-Tetracosane (C24)

R.T.: 15.224 min
Delta R.T.: -0.015 min
Response: 2560555
Conc: 19.07 ug/ml



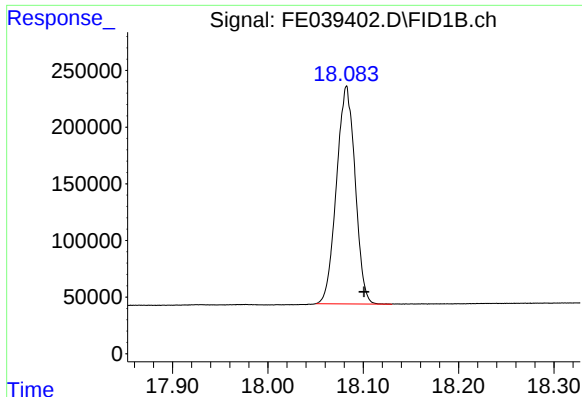
#15 n-Hexacosane (C26)

R.T.: 16.245 min
Delta R.T.: -0.017 min
Response: 2489168
Conc: 19.12 ug/ml



#16 n-Octacosane (C28)

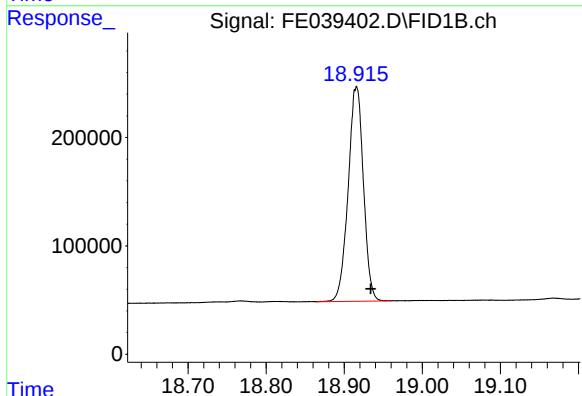
R.T.: 17.195 min
Delta R.T.: -0.018 min
Response: 2509759
Conc: 19.50 ug/ml



#17 n-Tricontane (C30)

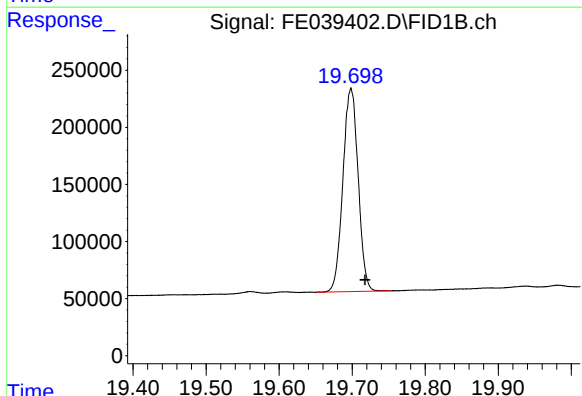
R.T.: 18.082 min
Delta R.T.: -0.019 min
Response: 2606785
Conc: 20.25 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



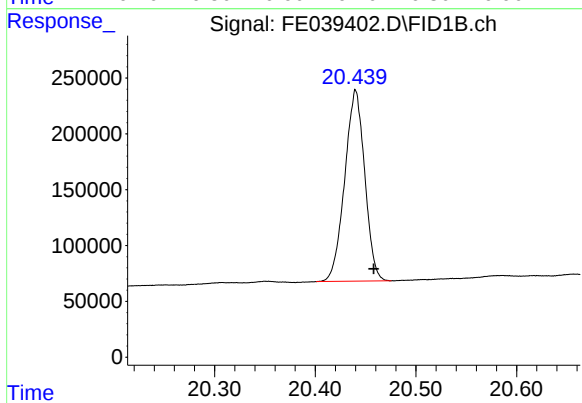
#18 n-Dotriacontane (C32)

R.T.: 18.916 min
Delta R.T.: -0.018 min
Response: 2689211
Conc: 20.77 ug/ml



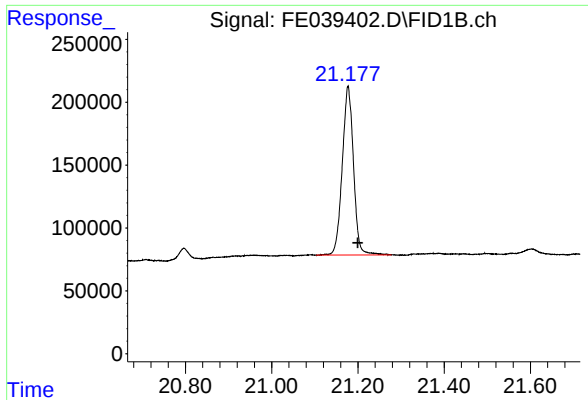
#19 n-Tetratriacontane (C34)

R.T.: 19.698 min
Delta R.T.: -0.019 min
Response: 2579474
Conc: 20.45 ug/ml



#20 n-Hexatriacontane (C36)

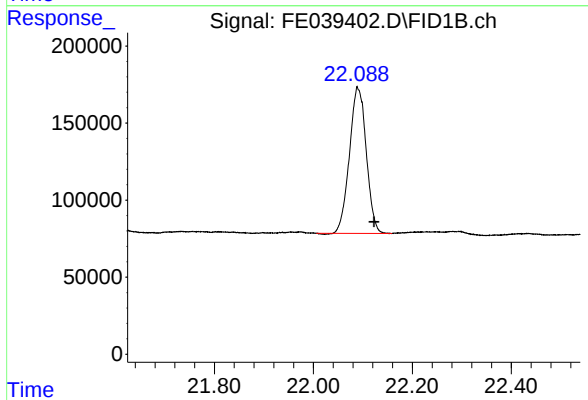
R.T.: 20.440 min
Delta R.T.: -0.018 min
Response: 2364238
Conc: 19.55 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.177 min
Delta R.T.: -0.023 min
Response: 2429229
Conc: 19.67 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.089 min
Delta R.T.: -0.034 min
Response: 2237741
Conc: 17.82 ug/ml