

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE121922AL\
 Data File : FE039381.D
 Signal(s) : FID1B.ch
 Acq On : 19 Dec 2022 14:11
 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 19 16:38:31 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)	11.936	3132510	20.991 ug/ml
Spiked Amount 50.000		Recovery =	41.98%
12) S 1-chlorooctadecane (S...	13.372	2401418	20.864 ug/ml
Spiked Amount 50.000		Recovery =	41.73%
Target Compounds			
1) T n-Nonane (C9)	3.329	2588645	20.027 ug/ml
2) T n-Decane (C10)	4.579	2599131	20.398 ug/ml
3) T A~Naphthalene (C11.7)	6.283	3007407	20.804 ug/ml
4) T n-Dodecane (C12)	6.743	2644235	20.368 ug/ml
5) T A~2-methylnaphthalene...	7.378	2824033	20.852 ug/ml
6) T n-Tetradecane (C14)	8.569	2709163	20.445 ug/ml
7) T n-Hexadecane (C16)	10.176	2836260	20.616 ug/ml
8) T n-Octadecane (C18)	11.618	2909988	20.776 ug/ml
10) T n-Eicosane (C20)	12.927	2843703	20.832 ug/ml
11) T n-Heneicosane (C21)	13.539	2849909	20.895 ug/ml
13) T n-Docosane (C22)	14.125	2824248	20.878 ug/ml
14) T n-Tetracosane (C24)	15.227	2772726	20.655 ug/ml
15) T n-Hexacosane (C26)	16.249	2697093	20.714 ug/ml
16) T n-Octacosane (C28)	17.198	2705493	21.021 ug/ml
17) T n-Tricontane (C30)	18.086	2796757	21.722 ug/ml
18) T n-Dotriacontane (C32)	18.918	2853524	22.035 ug/ml
19) T n-Tetratriacontane (C34)	19.703	2727101	21.616 ug/ml
20) T n-Hexatriacontane (C36)	20.443	2509701	20.756 ug/ml
21) T n-Octatriacontane (C38)	21.181	2471950	20.016 ug/ml
22) T n-Tetracontane (C40)	22.095	2437838	19.412 ug/ml

(f)=RT Delta > 1/2 Window

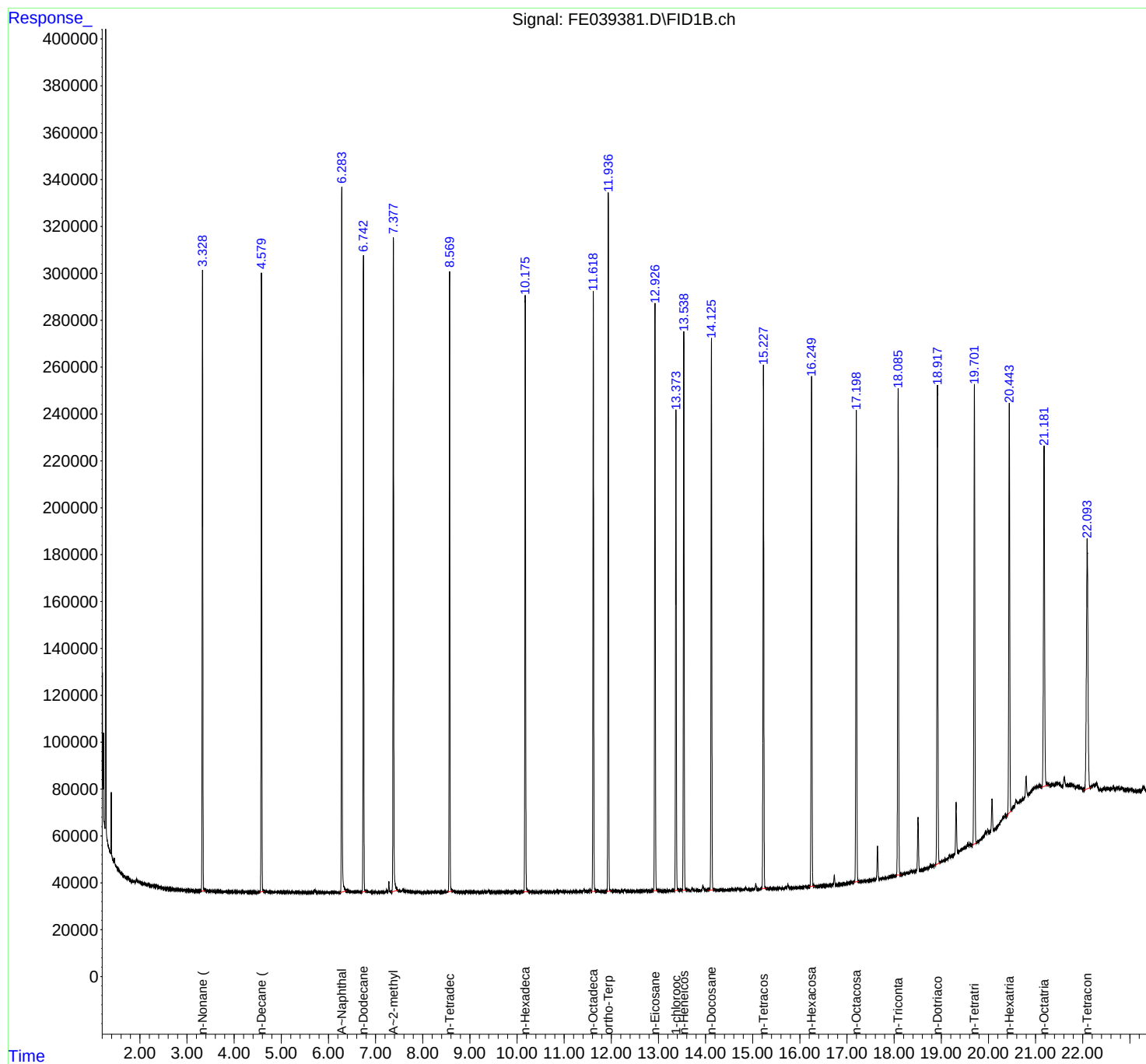
(m)=manual int.

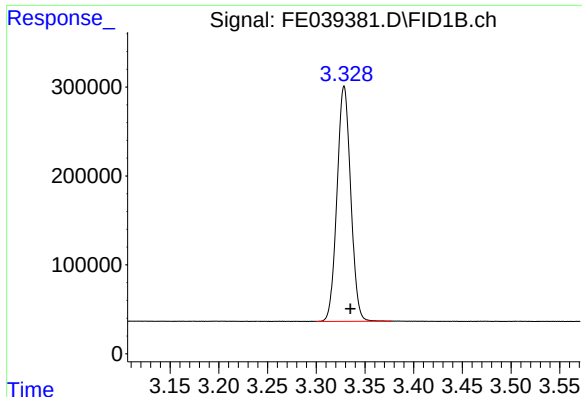
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE121922AL\
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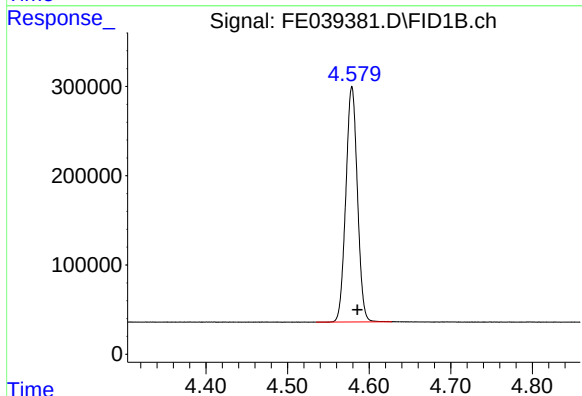




#1 n-Nonane (C9)

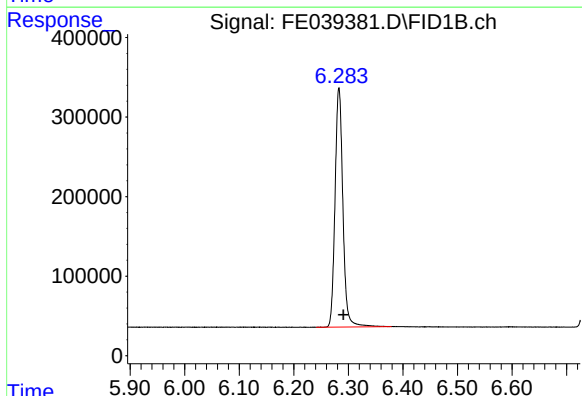
R.T.: 3.329 min
Delta R.T.: -0.006 min
Response: 2588645
Conc: 20.03 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



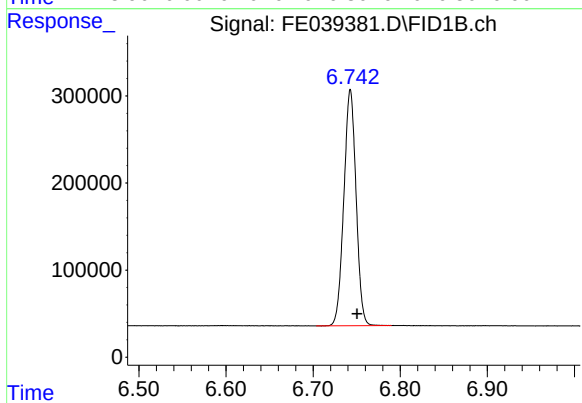
#2 n-Decane (C10)

R.T.: 4.579 min
Delta R.T.: -0.007 min
Response: 2599131
Conc: 20.40 ug/ml



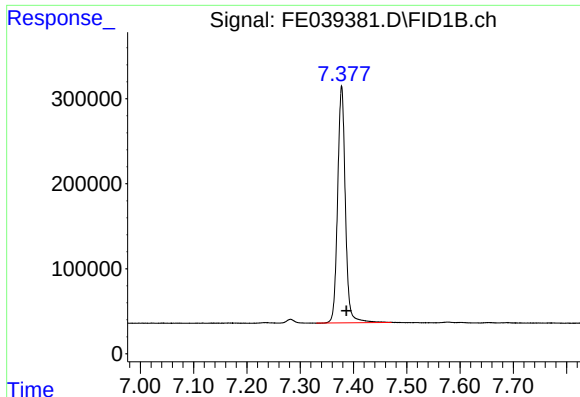
#3 A~Naphthalene (C11.7)

R.T.: 6.283 min
Delta R.T.: -0.008 min
Response: 3007407
Conc: 20.80 ug/ml



#4 n-Dodecane (C12)

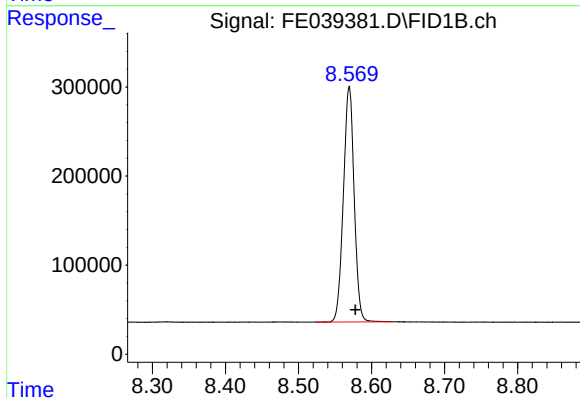
R.T.: 6.743 min
Delta R.T.: -0.008 min
Response: 2644235
Conc: 20.37 ug/ml



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

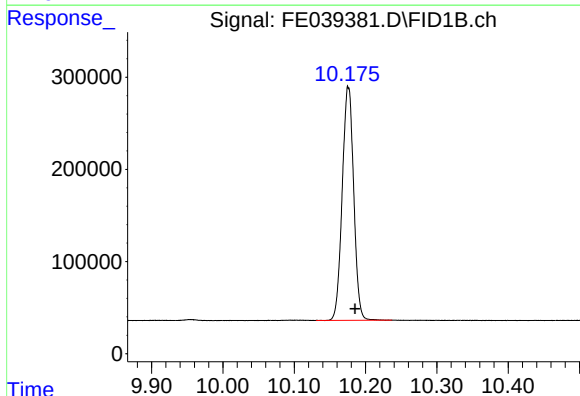
R.T.: 7.378 min
Delta R.T.: -0.009 min
Response: 2824033
Conc: 20.85 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



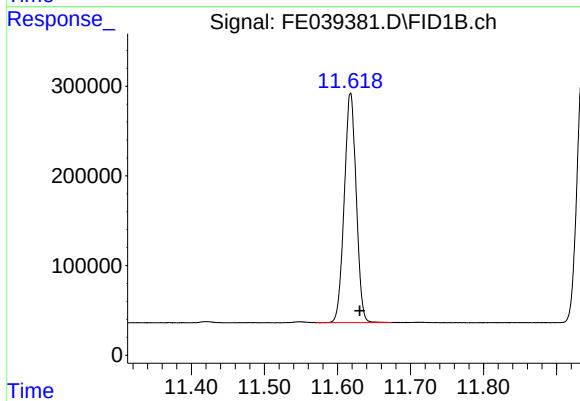
#6 n-Tetradecane (C14)

R.T.: 8.569 min
Delta R.T.: -0.008 min
Response: 2709163
Conc: 20.44 ug/ml



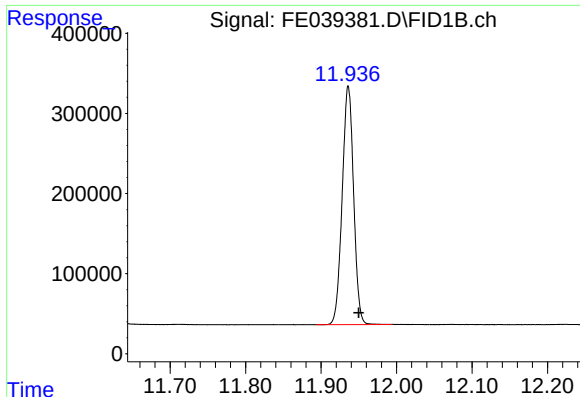
#7 n-Hexadecane (C16)

R.T.: 10.176 min
Delta R.T.: -0.009 min
Response: 2836260
Conc: 20.62 ug/ml



#8 n-Octadecane (C18)

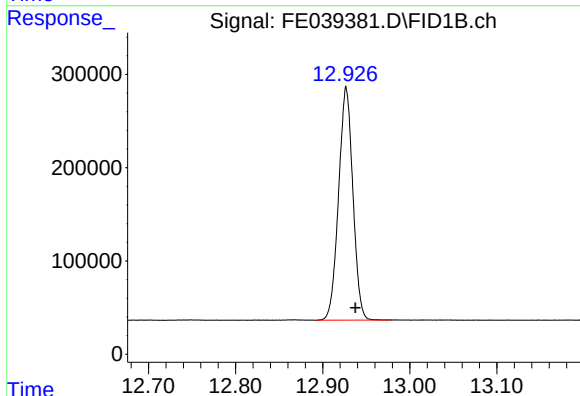
R.T.: 11.618 min
Delta R.T.: -0.012 min
Response: 2909988
Conc: 20.78 ug/ml



#9 ortho-Terphenyl (SURR)

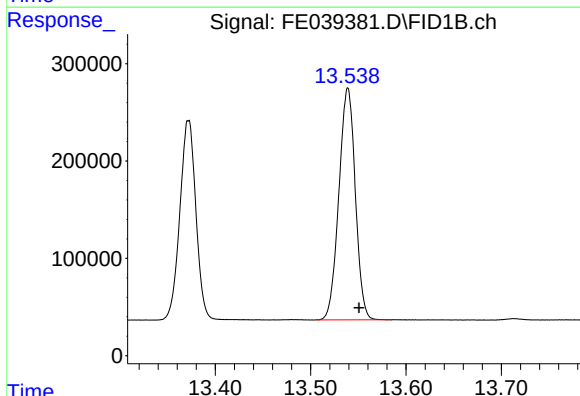
R.T.: 11.936 min
Delta R.T.: -0.014 min
Response: 3132510
Conc: 20.99 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



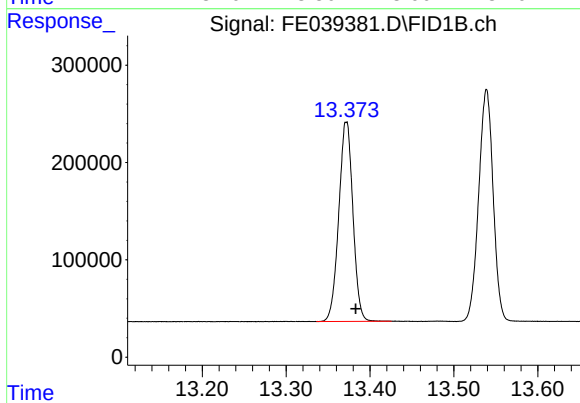
#10 n-Eicosane (C20)

R.T.: 12.927 min
Delta R.T.: -0.011 min
Response: 2843703
Conc: 20.83 ug/ml



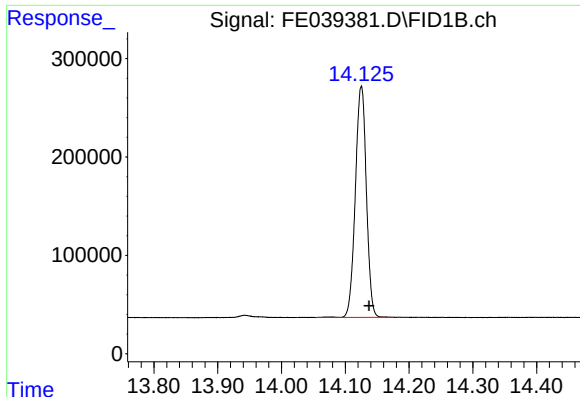
#11 n-Heneicosane (C21)

R.T.: 13.539 min
Delta R.T.: -0.012 min
Response: 2849909
Conc: 20.90 ug/ml



#12 1-chlorooctadecane (SURR)

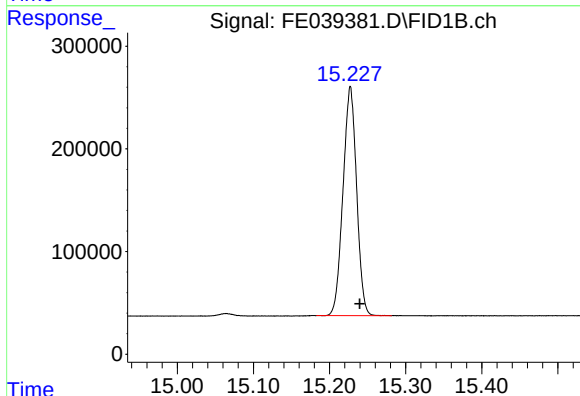
R.T.: 13.372 min
Delta R.T.: -0.011 min
Response: 2401418
Conc: 20.86 ug/ml



#13 n-Docosane (C22)

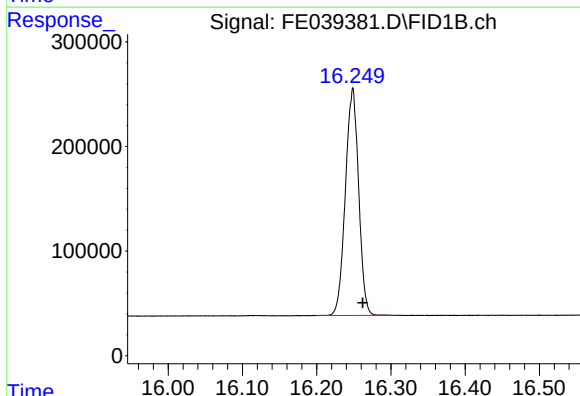
R.T.: 14.125 min
Delta R.T.: -0.012 min
Response: 2824248
Conc: 20.88 ug/ml

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20 PPM ALIPHATIC HC STD



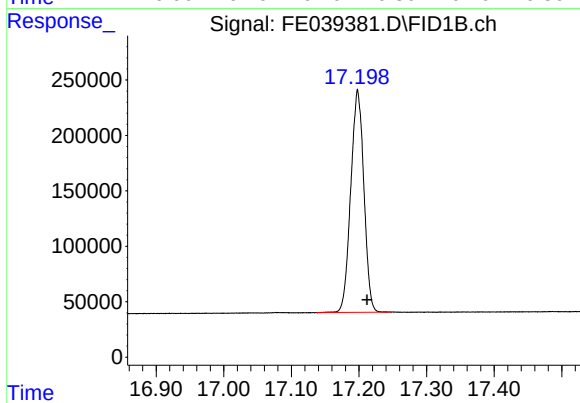
#14 n-Tetracosane (C24)

R.T.: 15.227 min
Delta R.T.: -0.012 min
Response: 2772726
Conc: 20.65 ug/ml



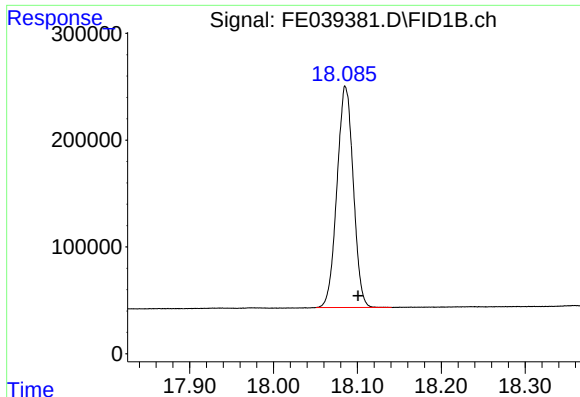
#15 n-Hexacosane (C26)

R.T.: 16.249 min
Delta R.T.: -0.013 min
Response: 2697093
Conc: 20.71 ug/ml



#16 n-Octacosane (C28)

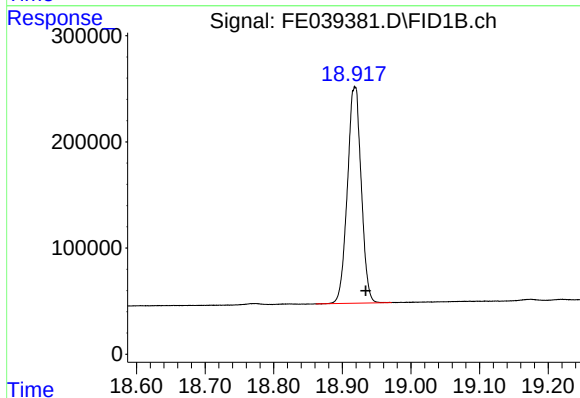
R.T.: 17.198 min
Delta R.T.: -0.014 min
Response: 2705493
Conc: 21.02 ug/ml



#17 n-Tricontane (C30)

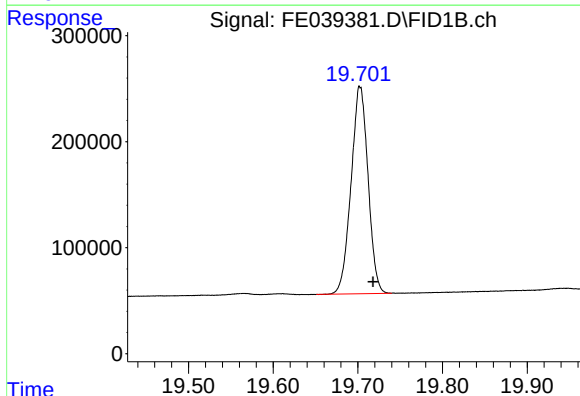
R.T.: 18.086 min
Delta R.T.: -0.015 min
Response: 2796757
Conc: 21.72 ug/ml

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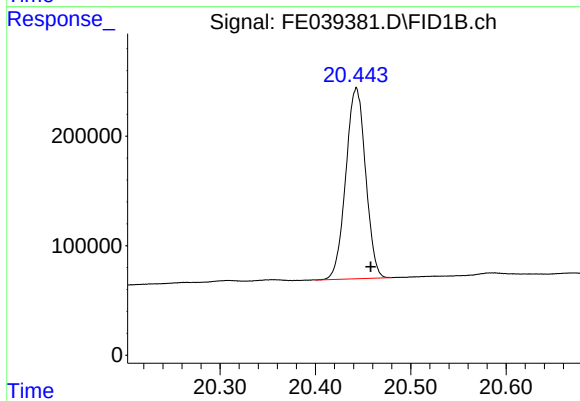
#18 n-Dotriacontane (C32)

R.T.: 18.918 min
Delta R.T.: -0.016 min
Response: 2853524
Conc: 22.03 ug/ml



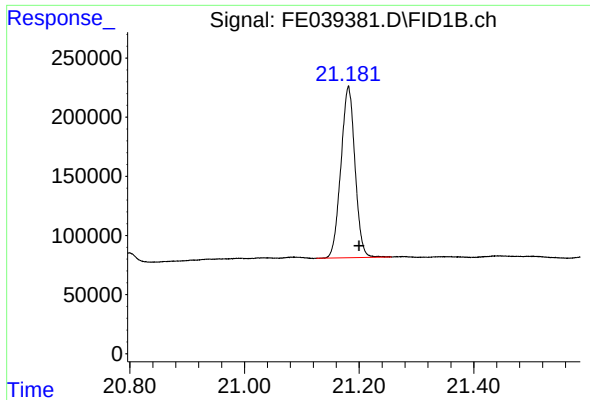
#19 n-Tetratriacontane (C34)

R.T.: 19.703 min
Delta R.T.: -0.015 min
Response: 2727101
Conc: 21.62 ug/ml



#20 n-Hexatriacontane (C36)

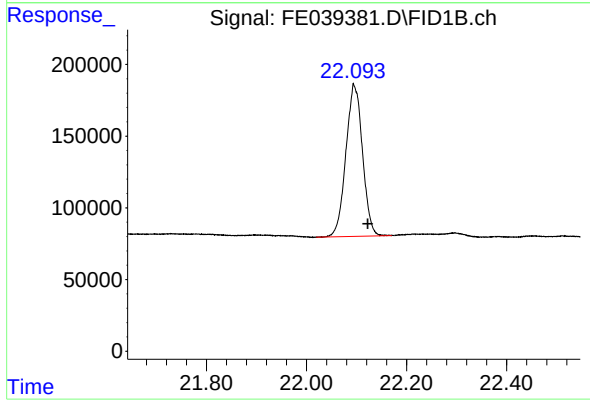
R.T.: 20.443 min
Delta R.T.: -0.015 min
Response: 2509701
Conc: 20.76 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.181 min
Delta R.T.: -0.018 min
Response: 2471950
Conc: 20.02 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.095 min
Delta R.T.: -0.028 min
Response: 2437838
Conc: 19.41 ug/ml