

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE122022AL\
 Data File : FE039426.D
 Signal(s) : FID1B.ch
 Acq On : 21 Dec 2022 02:30
 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 03:12:17 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)	11.929	2972058	19.916 ug/ml
Spiked Amount 50.000		Recovery =	39.83%
12) S 1-chlorooctadecane (S...	13.365	2287968	19.878 ug/ml
Spiked Amount 50.000		Recovery =	39.76%
Target Compounds			
1) T n-Nonane (C9)	3.326	2441897	18.892 ug/ml
2) T n-Decane (C10)	4.575	2455855	19.274 ug/ml
3) T A~Naphthalene (C11.7)	6.278	2843521	19.670 ug/ml
4) T n-Dodecane (C12)	6.739	2491091	19.188 ug/ml
5) T A~2-methylnaphthalene...	7.372	2682510	19.807 ug/ml
6) T n-Tetradecane (C14)	8.564	2561943	19.334 ug/ml
7) T n-Hexadecane (C16)	10.170	2684941	19.516 ug/ml
8) T n-Octadecane (C18)	11.612	2761618	19.717 ug/ml
10) T n-Eicosane (C20)	12.921	2704058	19.809 ug/ml
11) T n-Heneicosane (C21)	13.533	2686846	19.700 ug/ml
13) T n-Docosane (C22)	14.119	2680678	19.817 ug/ml
14) T n-Tetracosane (C24)	15.220	2686122	20.010 ug/ml
15) T n-Hexacosane (C26)	16.241	2570690	19.743 ug/ml
16) T n-Octacosane (C28)	17.191	2585760	20.091 ug/ml
17) T n-Tricontane (C30)	18.078	2668787	20.729 ug/ml
18) T n-Dotriacontane (C32)	18.911	2799948	21.621 ug/ml
19) T n-Tetratriacontane (C34)	19.695	2666485	21.135 ug/ml
20) T n-Hexatriacontane (C36)	20.435	2433792	20.128 ug/ml
21) T n-Octatriacontane (C38)	21.171	2379486	19.267 ug/ml
22) T n-Tetracontane (C40)	22.082	2333240	18.579 ug/ml

(f)=RT Delta > 1/2 Window

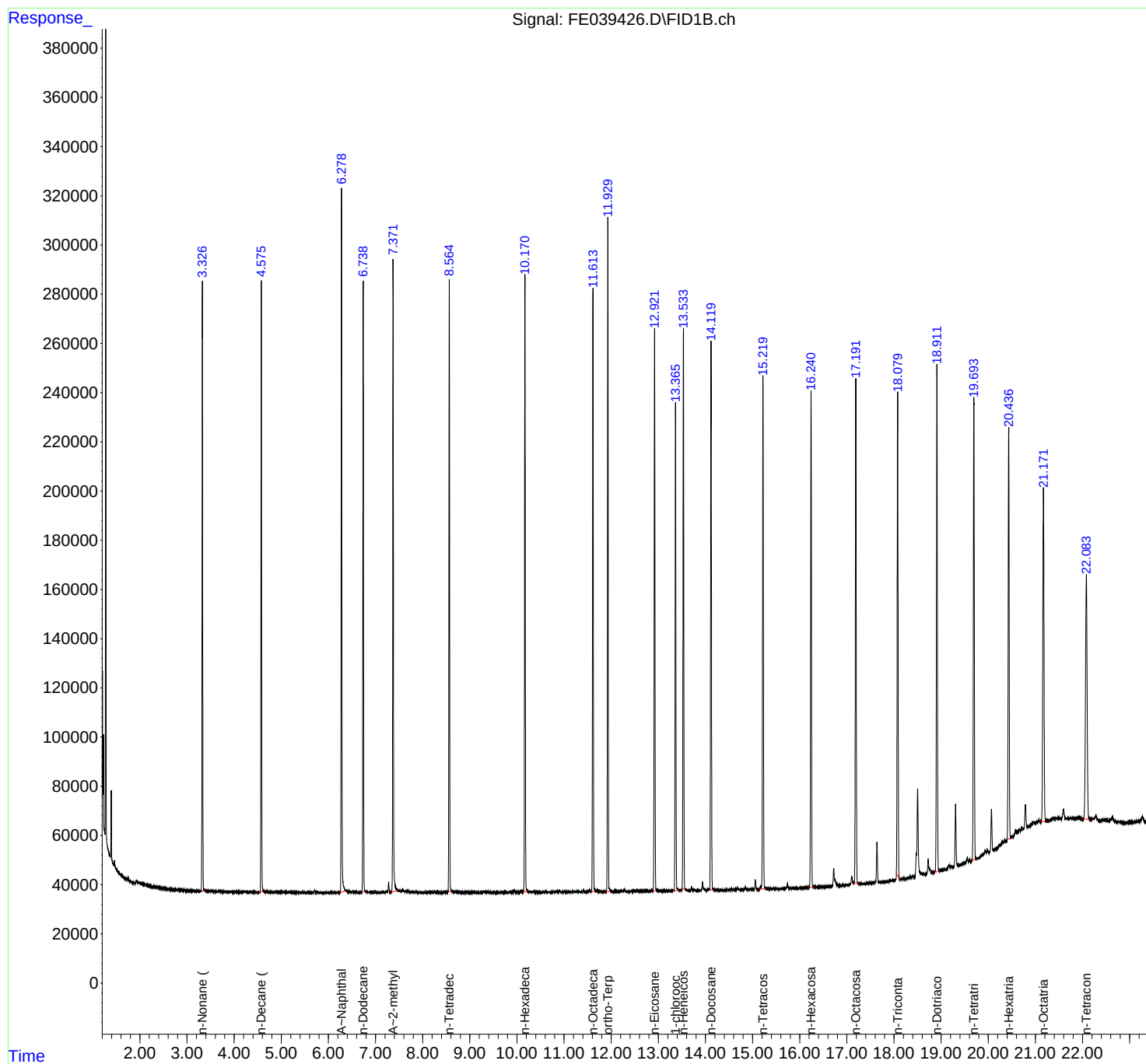
(m)=manual int.

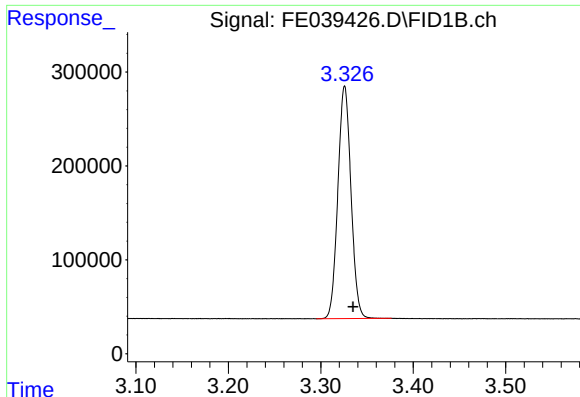
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE122022AL\
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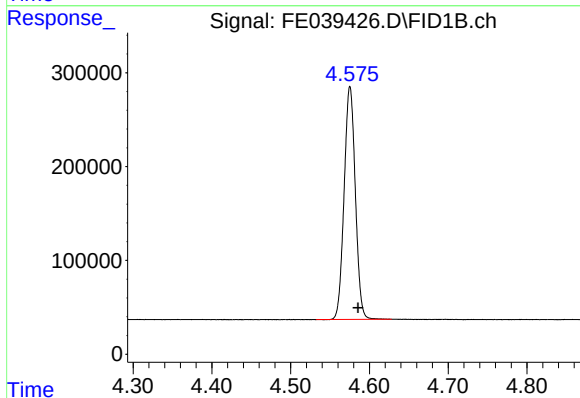




#1 n-Nonane (C9)

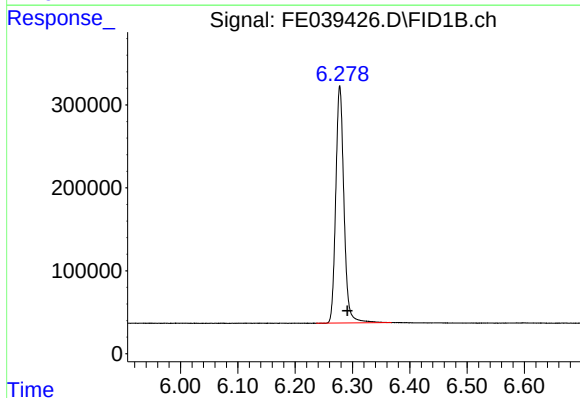
R.T.: 3.326 min
Delta R.T.: -0.009 min
Response: 2441897
Conc: 18.89 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



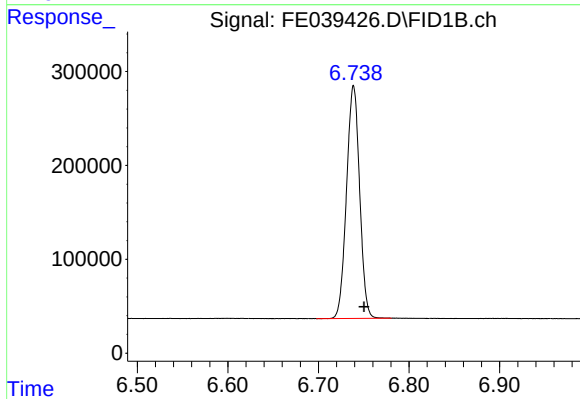
#2 n-Decane (C10)

R.T.: 4.575 min
Delta R.T.: -0.010 min
Response: 2455855
Conc: 19.27 ug/ml



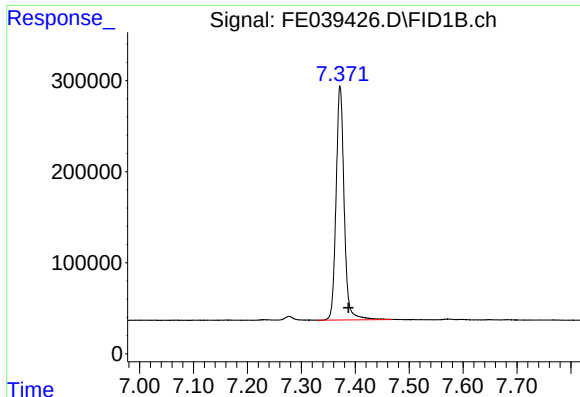
#3 A~Naphthalene (C11.7)

R.T.: 6.278 min
Delta R.T.: -0.013 min
Response: 2843521
Conc: 19.67 ug/ml



#4 n-Dodecane (C12)

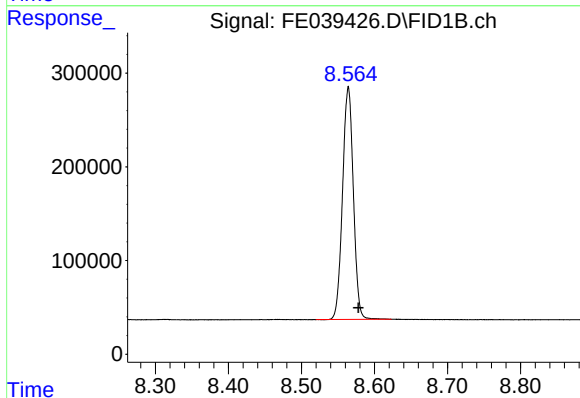
R.T.: 6.739 min
Delta R.T.: -0.012 min
Response: 2491091
Conc: 19.19 ug/ml



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

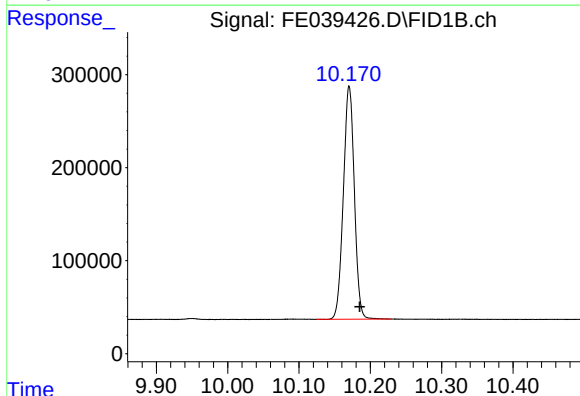
R.T.: 7.372 min
Delta R.T.: -0.015 min
Response: 2682510
Conc: 19.81 ug/ml

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20 PPM ALIPHATIC HC STD



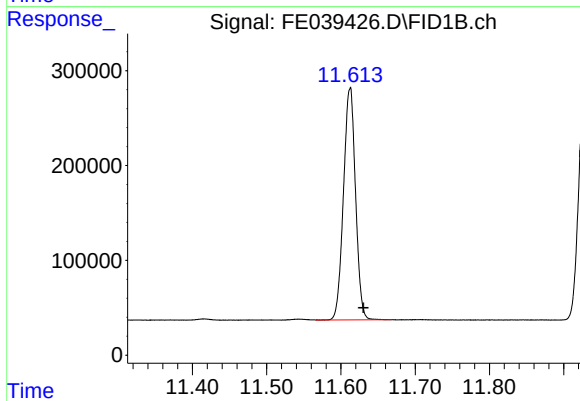
#6 n-Tetradecane (C14)

R.T.: 8.564 min
Delta R.T.: -0.014 min
Response: 2561943
Conc: 19.33 ug/ml



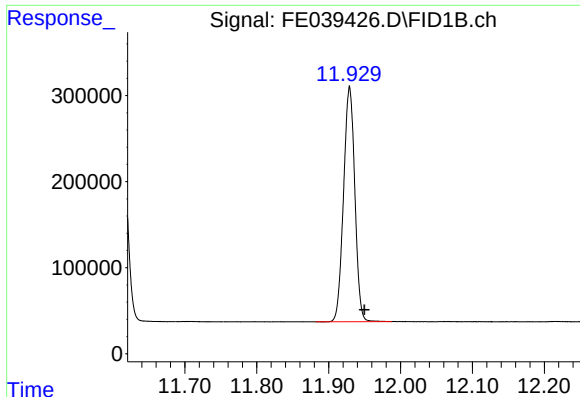
#7 n-Hexadecane (C16)

R.T.: 10.170 min
Delta R.T.: -0.015 min
Response: 2684941
Conc: 19.52 ug/ml



#8 n-Octadecane (C18)

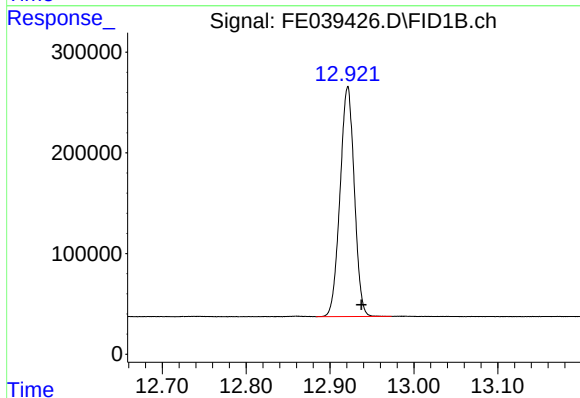
R.T.: 11.612 min
Delta R.T.: -0.018 min
Response: 2761618
Conc: 19.72 ug/ml



#9 ortho-Terphenyl (SURR)

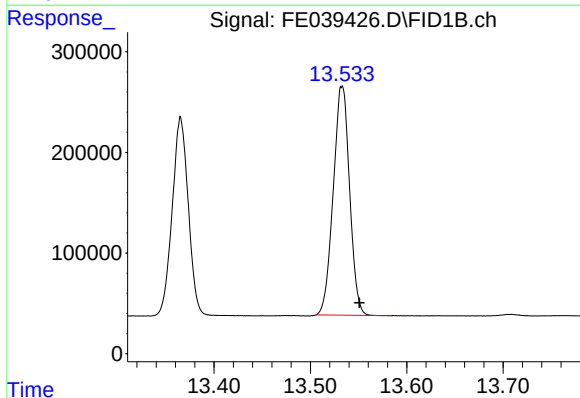
R.T.: 11.929 min
Delta R.T.: -0.021 min
Response: 2972058
Conc: 19.92 ug/ml

Instrument :
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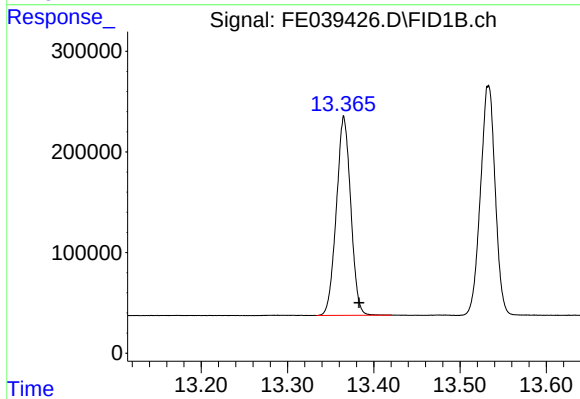
#10 n-Eicosane (C20)

R.T.: 12.921 min
Delta R.T.: -0.016 min
Response: 2704058
Conc: 19.81 ug/ml



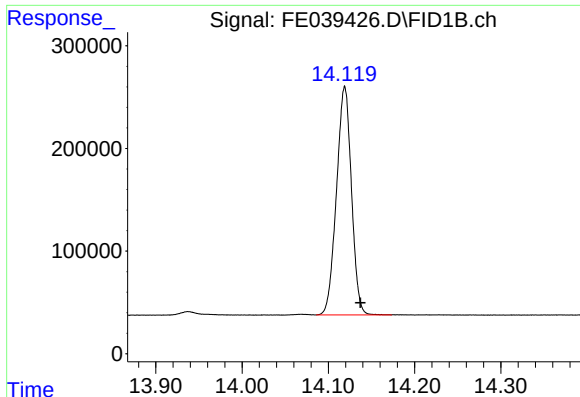
#11 n-Heneicosane (C21)

R.T.: 13.533 min
Delta R.T.: -0.018 min
Response: 2686846
Conc: 19.70 ug/ml



#12 1-chlorooctadecane (SURR)

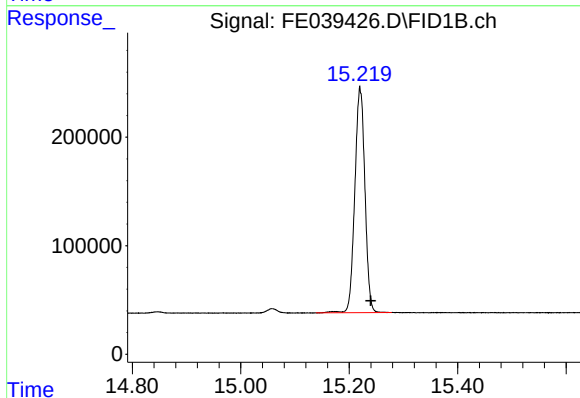
R.T.: 13.365 min
Delta R.T.: -0.018 min
Response: 2287968
Conc: 19.88 ug/ml



#13 n-Docosane (C22)

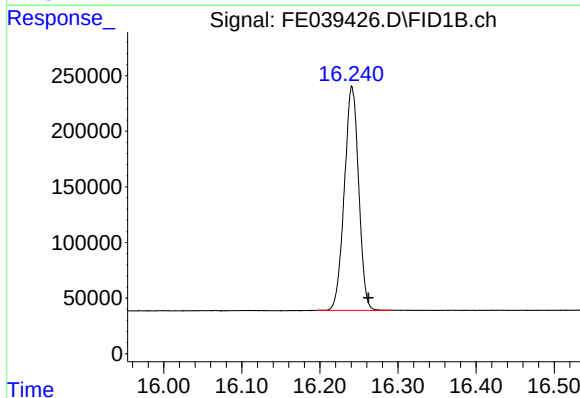
R.T.: 14.119 min
Delta R.T.: -0.018 min
Response: 2680678
Conc: 19.82 ug/ml

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20 PPM ALIPHATIC HC STD



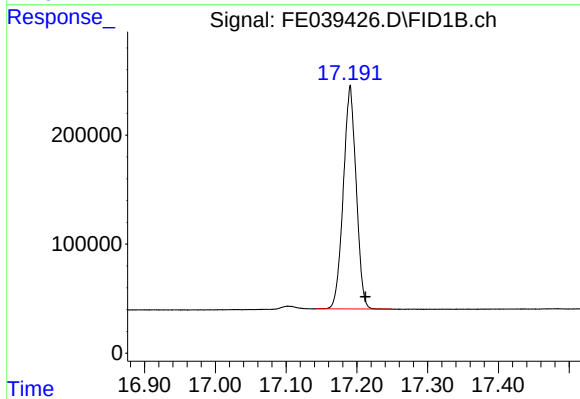
#14 n-Tetracosane (C24)

R.T.: 15.220 min
Delta R.T.: -0.019 min
Response: 2686122
Conc: 20.01 ug/ml



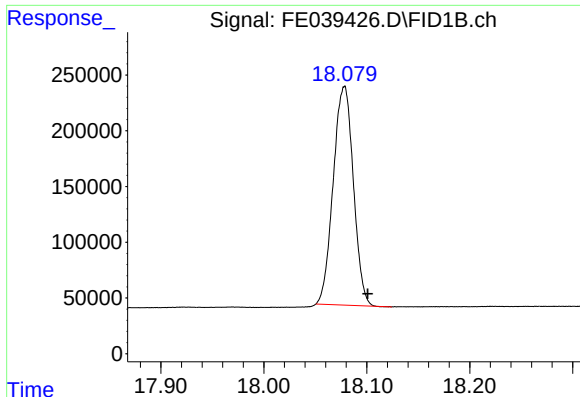
#15 n-Hexacosane (C26)

R.T.: 16.241 min
Delta R.T.: -0.021 min
Response: 2570690
Conc: 19.74 ug/ml



#16 n-Octacosane (C28)

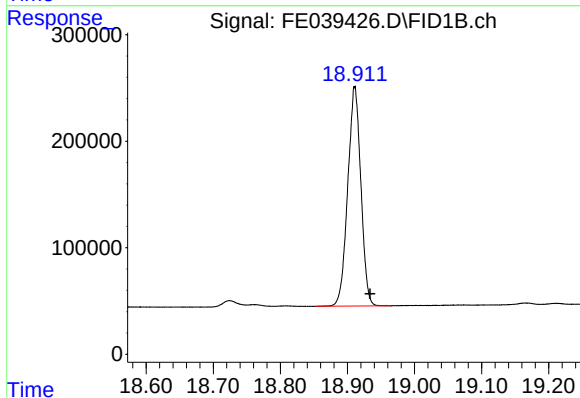
R.T.: 17.191 min
Delta R.T.: -0.022 min
Response: 2585760
Conc: 20.09 ug/ml



#17 n-Tricontane (C30)

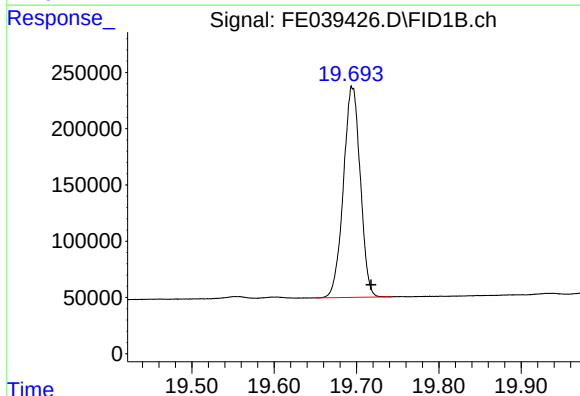
R.T.: 18.078 min
Delta R.T.: -0.023 min
Response: 2668787
Conc: 20.73 ug/ml

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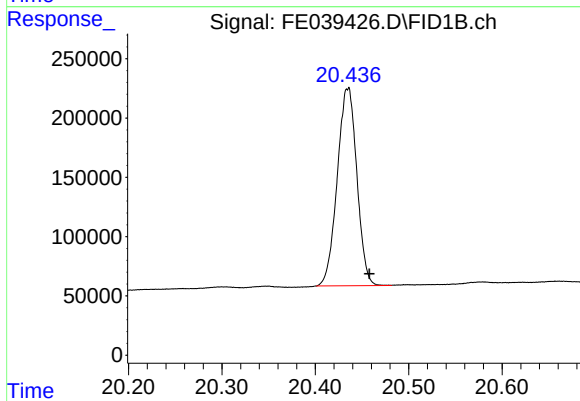
#18 n-Dotriacontane (C32)

R.T.: 18.911 min
Delta R.T.: -0.023 min
Response: 2799948
Conc: 21.62 ug/ml



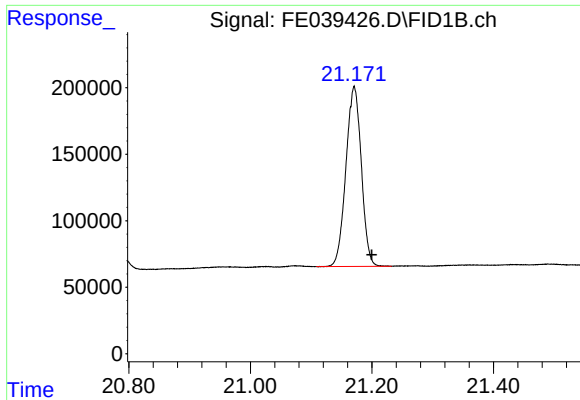
#19 n-Tetratriacontane (C34)

R.T.: 19.695 min
Delta R.T.: -0.023 min
Response: 2666485
Conc: 21.14 ug/ml



#20 n-Hexatriacontane (C36)

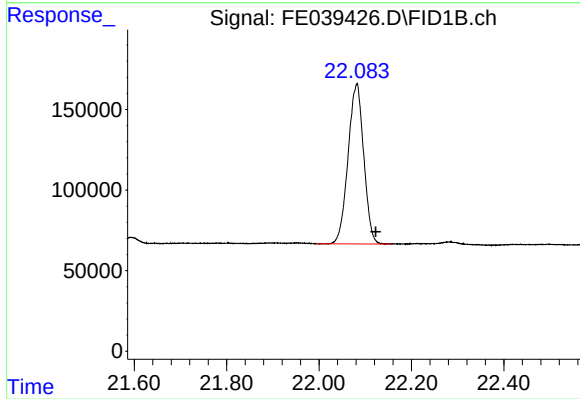
R.T.: 20.435 min
Delta R.T.: -0.023 min
Response: 2433792
Conc: 20.13 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.171 min
Delta R.T.: -0.029 min
Response: 2379486
Conc: 19.27 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.082 min
Delta R.T.: -0.040 min
Response: 2333240
Conc: 18.58 ug/ml