

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE090525AL\
 Data File : FE055680.D
 Signal(s) : FID1B.ch
 Acq On : 05 Sep 2025 09:59
 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: sample.E
 Quant Time: Sep 06 01:39:24 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 082925.M
 Quant Title : GC Extractables
 Qlast Update : Fri Aug 29 08:12:09 2025
 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)	12.072	3398194	20.685 ug/ml
Spiked Amount 50.000		Recovery =	41.37%
12) S 1-chlorooctadecane (S...	13.508	2565873	20.520 ug/ml
Spiked Amount 50.000		Recovery =	41.04%
Target Compounds			
1) T n-Nonane (C9)	3.411	2535522	19.980 ug/ml
2) T n-Decane (C10)	4.670	2630886	20.538 ug/ml
3) T A~Naphthalene (C11.7)	6.388	2967872	20.427 ug/ml
4) T n-Dodecane (C12)	6.845	2684818	20.619 ug/ml
5) T A~2-methylnaphthalene...	7.489	2879508	20.473 ug/ml
6) T n-Tetradecane (C14)	8.682	2722001	20.669 ug/ml
7) T n-Hexadecane (C16)	10.297	2868592	20.712 ug/ml
8) T n-Octadecane (C18)	11.746	3029534	20.770 ug/ml
10) T n-Eicosane (C20)	13.060	2989956	20.771 ug/ml
11) T n-Heneicosane (C21)	13.675	2969889	20.791 ug/ml
13) T n-Docosane (C22)	14.263	2988664	20.879 ug/ml
14) T n-Tetracosane (C24)	15.370	3049746	21.077 ug/ml
15) T n-Hexacosane (C26)	16.394	2999960	20.999 ug/ml
16) T n-Octacosane (C28)	17.346	3020218	21.234 ug/ml
17) T n-Tricontane (C30)	18.236	3169465	21.442 ug/ml
18) T n-Dotriacontane (C32)	19.070	3193831	21.760 ug/ml
19) T n-Tetratriacontane (C34)	19.855	3033192	21.469 ug/ml
20) T n-Hexatriacontane (C36)	20.596	2776762	21.043 ug/ml
21) T n-Octatriacontane (C38)	21.372	2633903	20.223 ug/ml
22) T n-Tetracontane (C40)	22.356	2468726	19.251 ug/ml

(f)=RT Delta > 1/2 Window

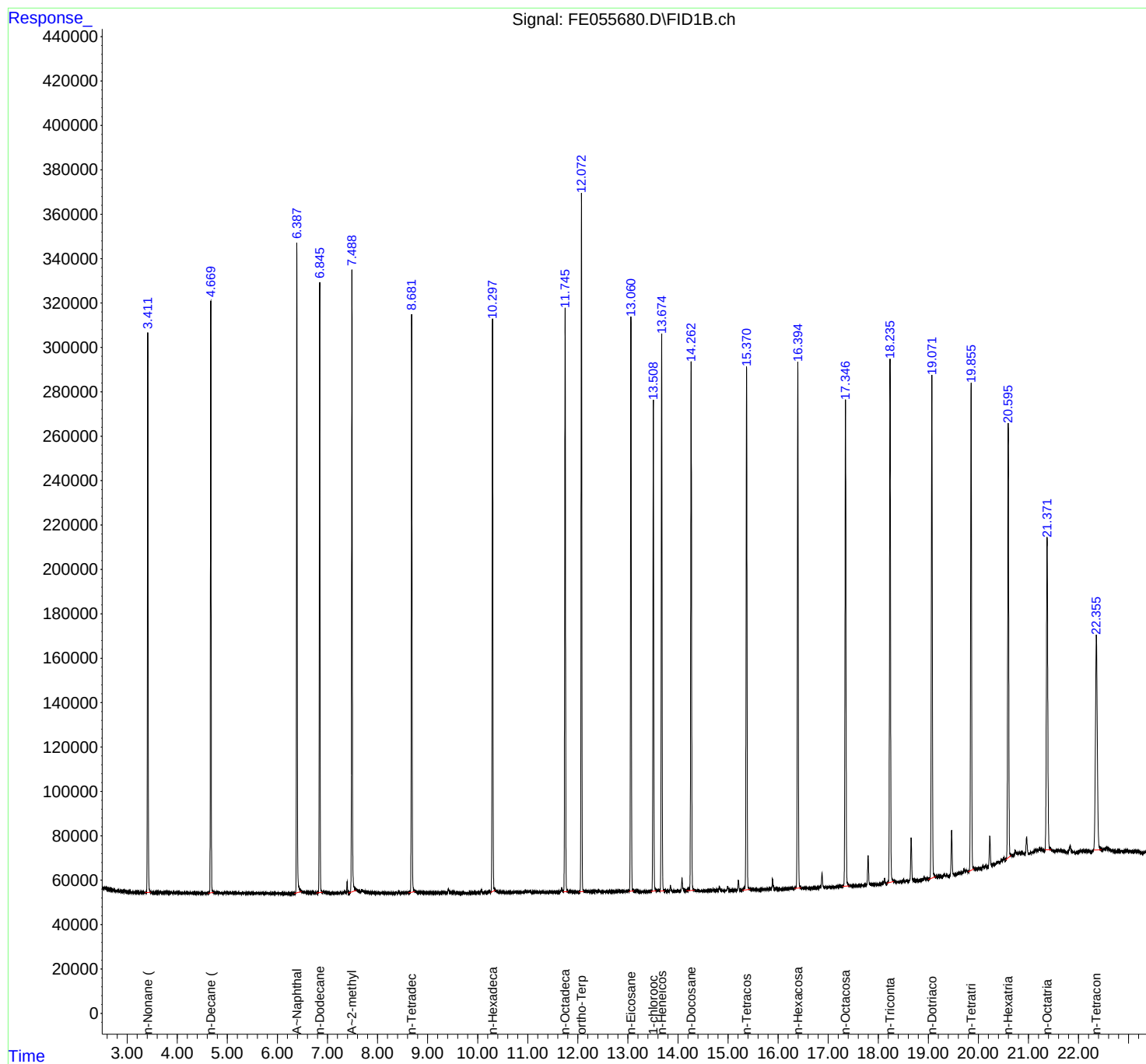
(m)=manual int.

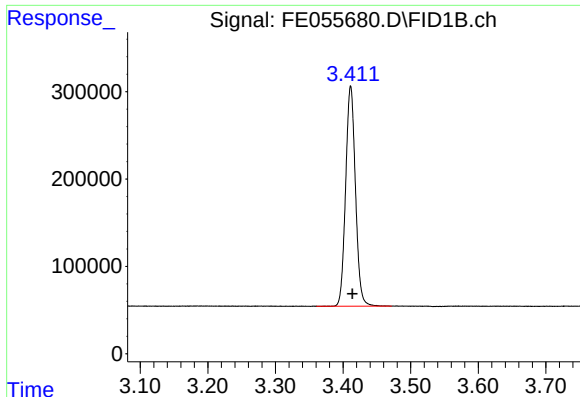
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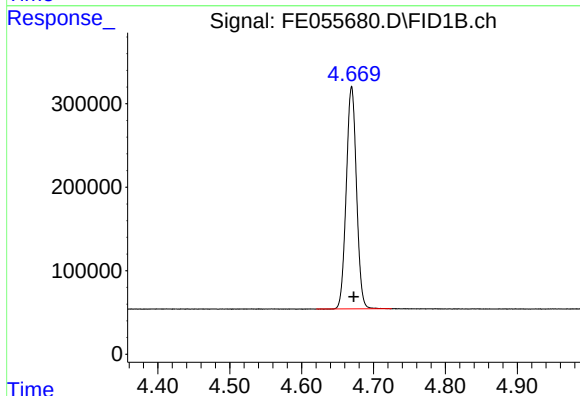




#1 n-Nonane (C9)

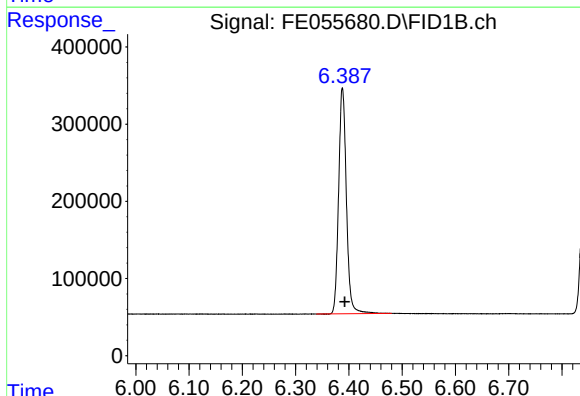
R.T.: 3.411 min
Delta R.T.: -0.003 min
Response: 2535522
Conc: 19.98 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



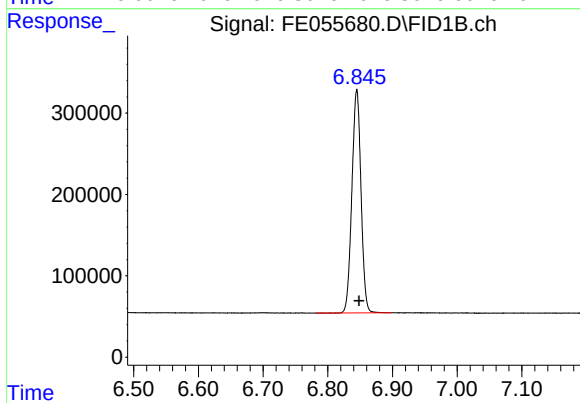
#2 n-Decane (C10)

R.T.: 4.670 min
Delta R.T.: -0.003 min
Response: 2630886
Conc: 20.54 ug/ml



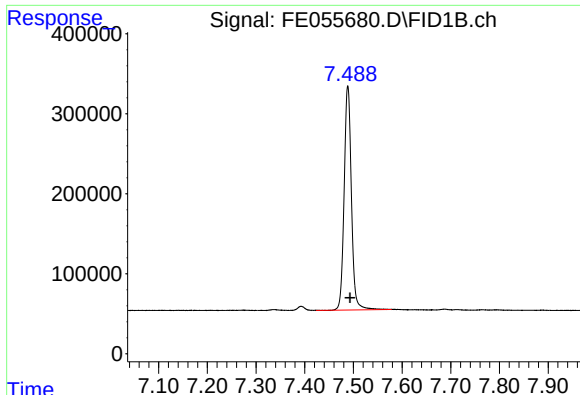
#3 A~Naphthalene (C11.7)

R.T.: 6.388 min
Delta R.T.: -0.004 min
Response: 2967872
Conc: 20.43 ug/ml



#4 n-Dodecane (C12)

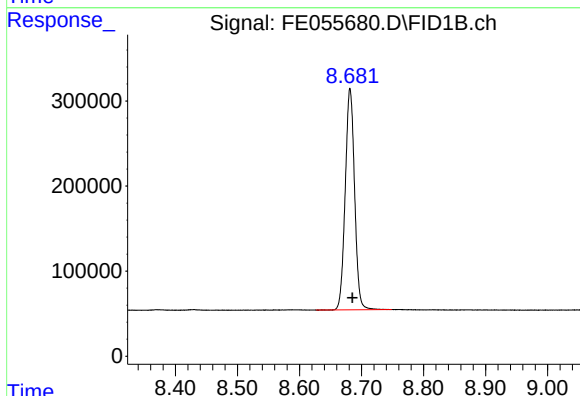
R.T.: 6.845 min
Delta R.T.: -0.004 min
Response: 2684818
Conc: 20.62 ug/ml



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

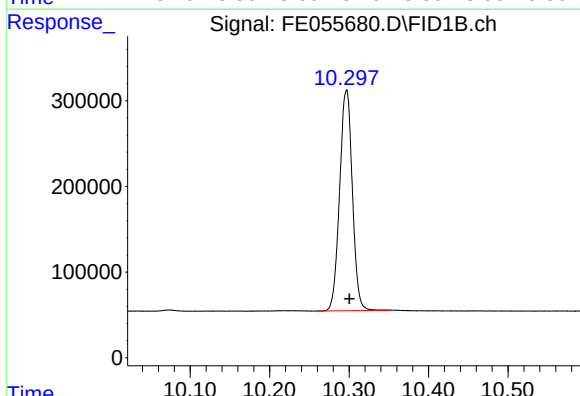
R.T.: 7.489 min
Delta R.T.: -0.005 min
Response: 2879508
Conc: 20.47 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



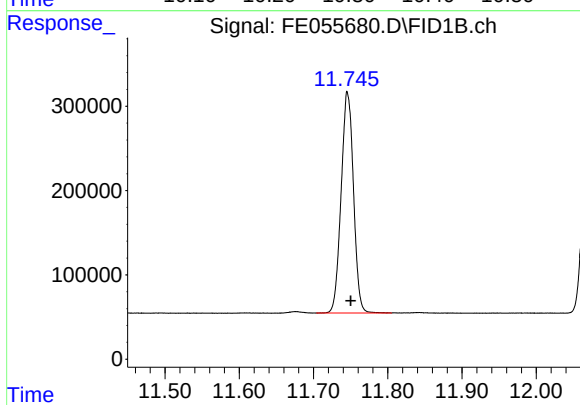
#6 n-Tetradecane (C14)

R.T.: 8.682 min
Delta R.T.: -0.004 min
Response: 2722001
Conc: 20.67 ug/ml



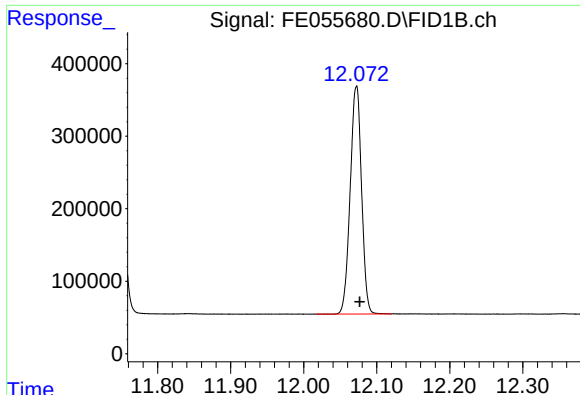
#7 n-Hexadecane (C16)

R.T.: 10.297 min
Delta R.T.: -0.004 min
Response: 2868592
Conc: 20.71 ug/ml



#8 n-Octadecane (C18)

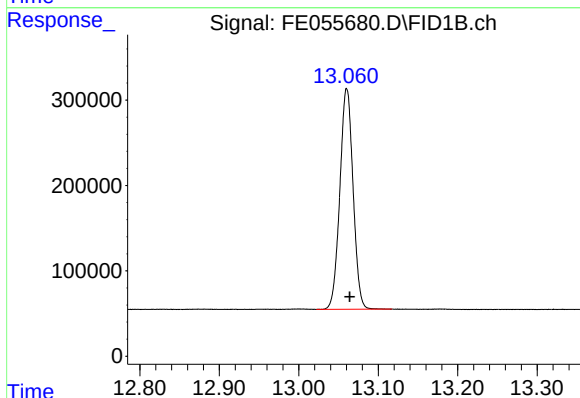
R.T.: 11.746 min
Delta R.T.: -0.004 min
Response: 3029534
Conc: 20.77 ug/ml



#9 ortho-Terphenyl (SURR)

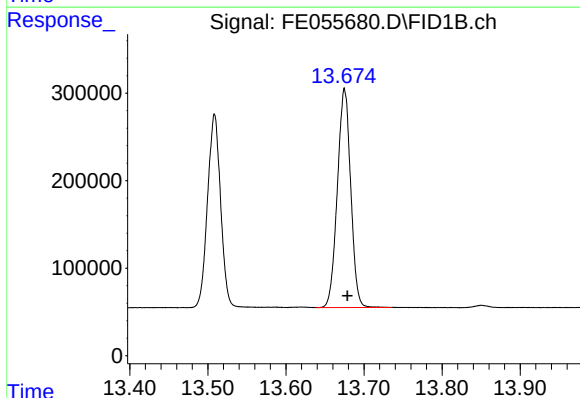
R.T.: 12.072 min
Delta R.T.: -0.005 min
Response: 3398194
Conc: 20.68 ug/ml

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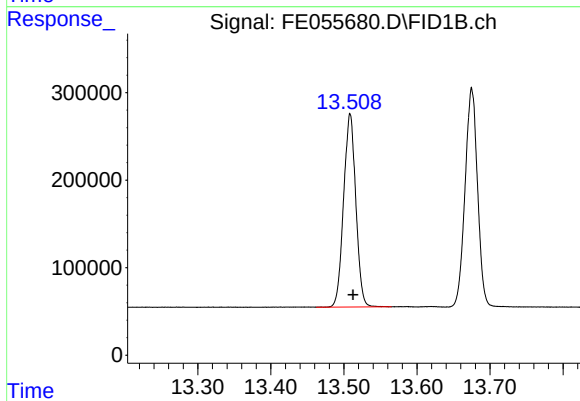
#10 n-Eicosane (C20)

R.T.: 13.060 min
Delta R.T.: -0.004 min
Response: 2989956
Conc: 20.77 ug/ml



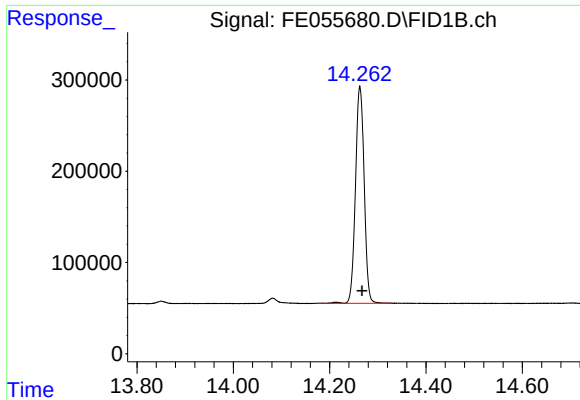
#11 n-Heneicosane (C21)

R.T.: 13.675 min
Delta R.T.: -0.004 min
Response: 2969889
Conc: 20.79 ug/ml



#12 1-chlorooctadecane (SURR)

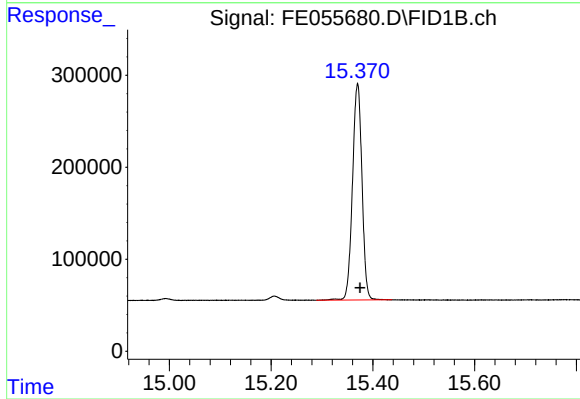
R.T.: 13.508 min
Delta R.T.: -0.004 min
Response: 2565873
Conc: 20.52 ug/ml



#13 n-Docosane (C22)

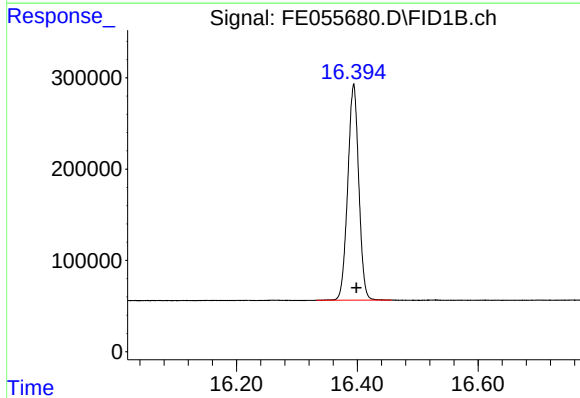
R.T.: 14.263 min
Delta R.T.: -0.004 min
Response: 2988664
Conc: 20.88 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



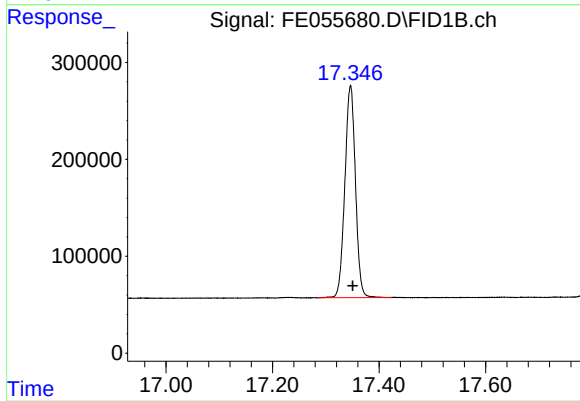
#14 n-Tetracosane (C24)

R.T.: 15.370 min
Delta R.T.: -0.005 min
Response: 3049746
Conc: 21.08 ug/ml



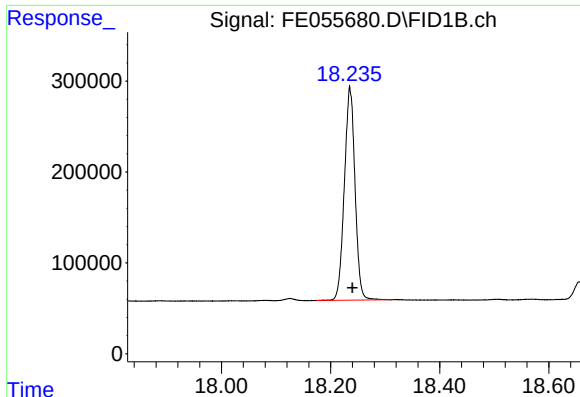
#15 n-Hexacosane (C26)

R.T.: 16.394 min
Delta R.T.: -0.004 min
Response: 2999960
Conc: 21.00 ug/ml



#16 n-Octacosane (C28)

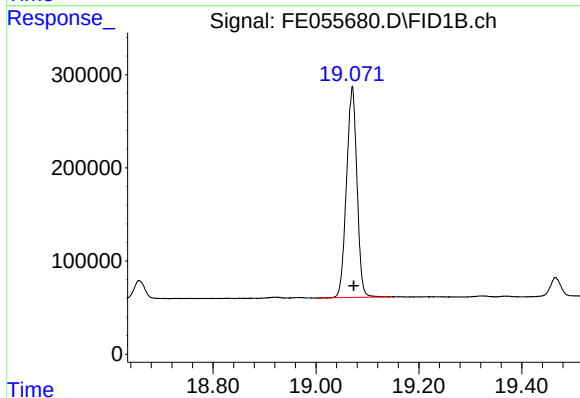
R.T.: 17.346 min
Delta R.T.: -0.004 min
Response: 3020218
Conc: 21.23 ug/ml



#17 n-Tricontane (C30)

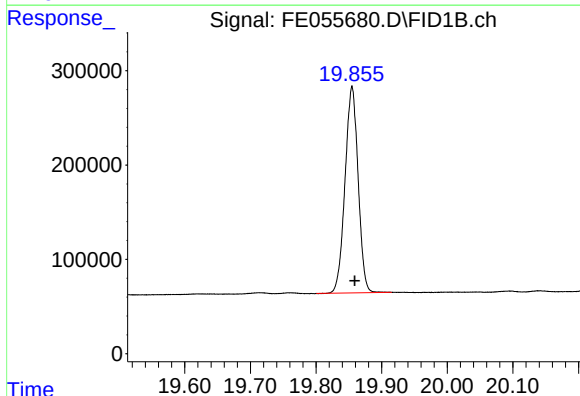
R.T.: 18.236 min
Delta R.T.: -0.004 min
Response: 3169465
Conc: 21.44 ug/ml

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20 PPM ALIPHATIC HC STD



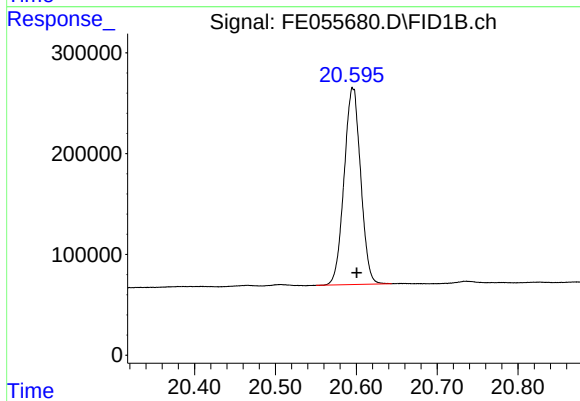
#18 n-Dotriacontane (C32)

R.T.: 19.070 min
Delta R.T.: -0.003 min
Response: 3193831
Conc: 21.76 ug/ml



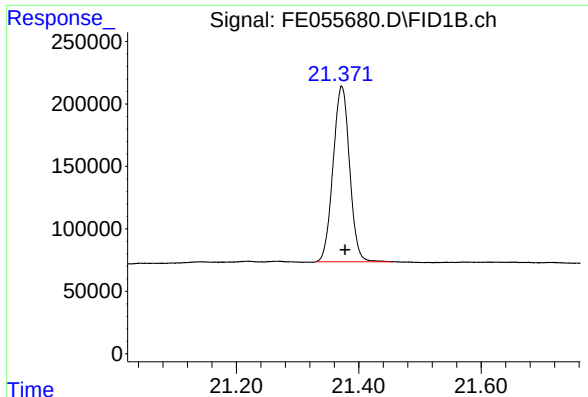
#19 n-Tetratriacontane (C34)

R.T.: 19.855 min
Delta R.T.: -0.004 min
Response: 3033192
Conc: 21.47 ug/ml



#20 n-Hexatriacontane (C36)

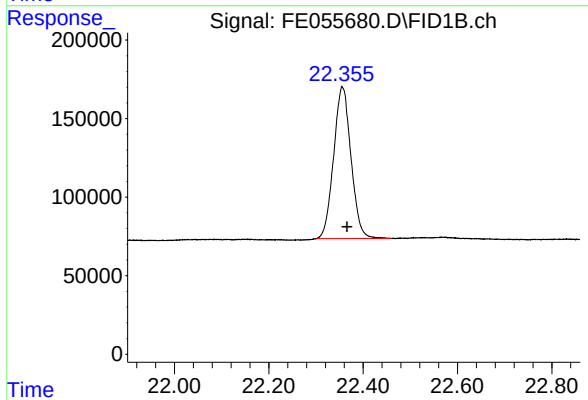
R.T.: 20.596 min
Delta R.T.: -0.005 min
Response: 2776762
Conc: 21.04 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.372 min
Delta R.T.: -0.005 min
Response: 2633903
Conc: 20.22 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.356 min
Delta R.T.: -0.010 min
Response: 2468726
Conc: 19.25 ug/ml