

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE092225AL\
 Data File : FE055922.D
 Signal(s) : FID1B.ch
 Acq On : 22 Sep 2025 14:01
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: sample.E
 Quant Time: Sep 23 04:29:56 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)	12.074	3451524	21.009 ug/ml
Spiked Amount 50.000		Recovery =	42.02%
12) S 1-chlorooctadecane (S...	13.512	2586675	20.686 ug/ml
Spiked Amount 50.000		Recovery =	41.37%
Target Compounds			
1) T n-Nonane (C9)	3.411	2389677	18.831 ug/ml
2) T n-Decane (C10)	4.670	2464839	19.242 ug/ml
3) T A~Naphthalene (C11.7)	6.390	2878038	19.809 ug/ml
4) T n-Dodecane (C12)	6.845	2559666	19.658 ug/ml
5) T A~2-methylnaphthalene...	7.491	2830003	20.121 ug/ml
6) T n-Tetradecane (C14)	8.683	2663367	20.224 ug/ml
7) T n-Hexadecane (C16)	10.298	2898739	20.930 ug/ml
8) T n-Octadecane (C18)	11.748	3102350	21.269 ug/ml
10) T n-Eicosane (C20)	13.063	3055978	21.230 ug/ml
11) T n-Heneicosane (C21)	13.677	2992163	20.947 ug/ml
13) T n-Docosane (C22)	14.267	2981345	20.828 ug/ml
14) T n-Tetracosane (C24)	15.373	2935627	20.288 ug/ml
15) T n-Hexacosane (C26)	16.396	2740405	19.182 ug/ml
16) T n-Octacosane (C28)	17.349	2694765	18.946 ug/ml
17) T n-Tricontane (C30)	18.240	2880537	19.487 ug/ml
18) T n-Dotriacontane (C32)	19.074	2914190	19.855 ug/ml
19) T n-Tetratriacontane (C34)	19.860	2730740	19.328 ug/ml
20) T n-Hexatriacontane (C36)	20.602	2415133	18.302 ug/ml
21) T n-Octatriacontane (C38)	21.379	2251492	17.287 ug/ml
22) T n-Tetracontane (C40)	22.366	2139663	16.685 ug/ml

(f)=RT Delta > 1/2 Window

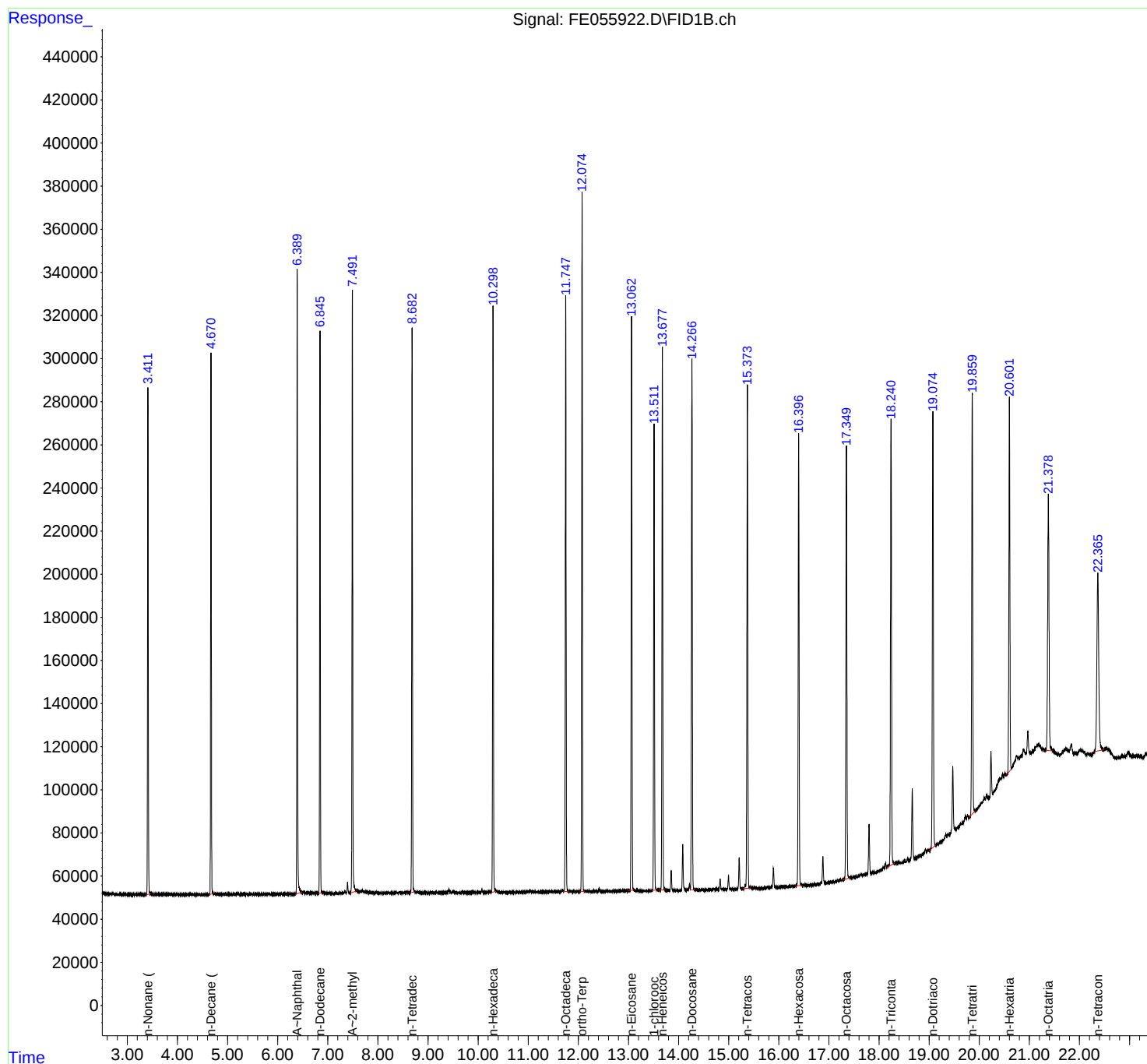
(m)=manual int.

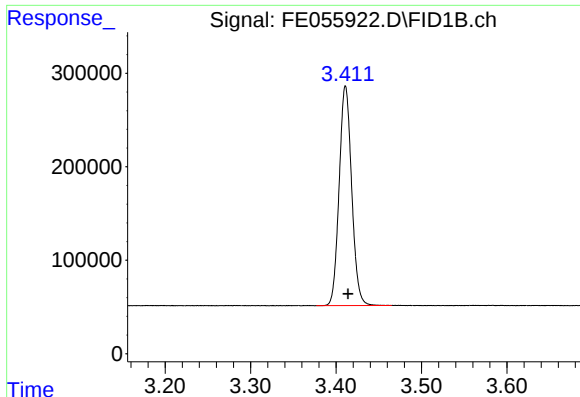
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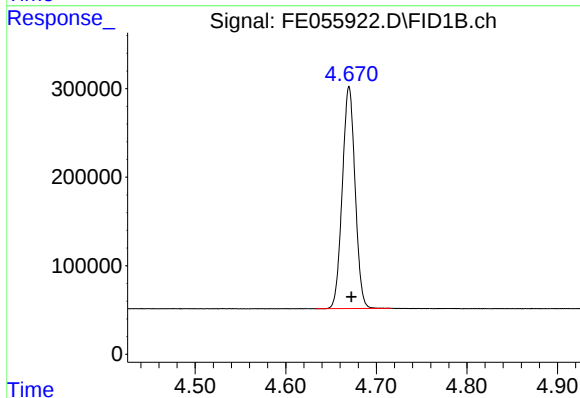




#1 n-Nonane (C9)

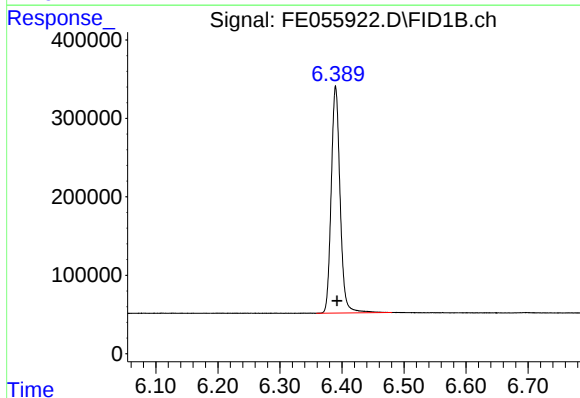
R.T.: 3.411 min
Delta R.T.: -0.003 min
Response: 2389677
Conc: 18.83 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



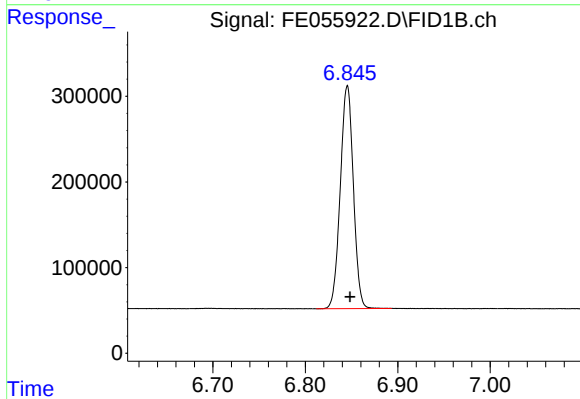
#2 n-Decane (C10)

R.T.: 4.670 min
Delta R.T.: -0.003 min
Response: 2464839
Conc: 19.24 ug/ml



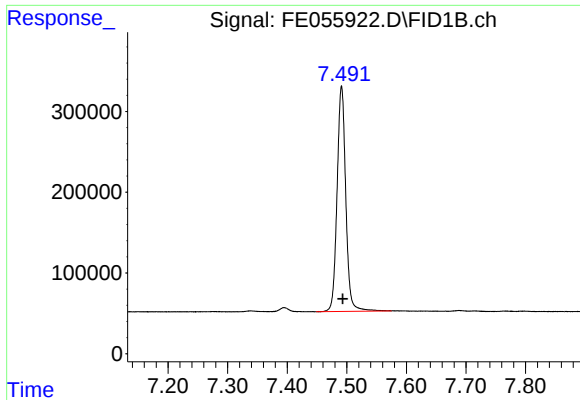
#3 A~Naphthalene (C11.7)

R.T.: 6.390 min
Delta R.T.: -0.002 min
Response: 2878038
Conc: 19.81 ug/ml



#4 n-Dodecane (C12)

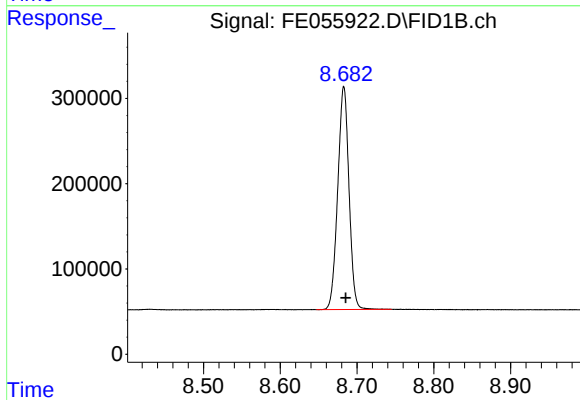
R.T.: 6.845 min
Delta R.T.: -0.003 min
Response: 2559666
Conc: 19.66 ug/ml



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

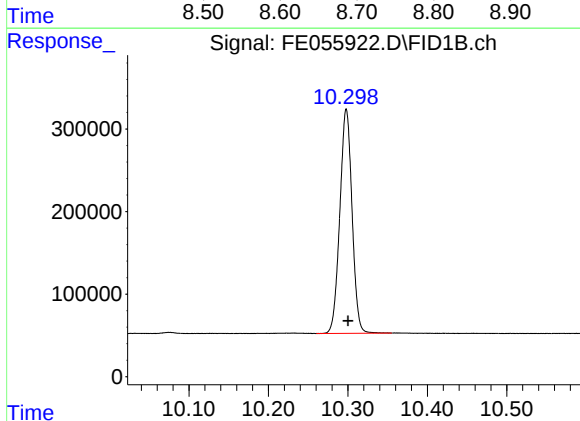
R.T.: 7.491 min
Delta R.T.: -0.002 min
Response: 2830003
Conc: 20.12 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



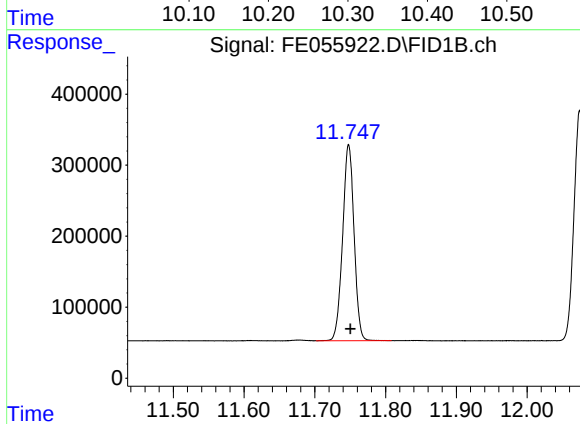
#6 n-Tetradecane (C14)

R.T.: 8.683 min
Delta R.T.: -0.003 min
Response: 2663367
Conc: 20.22 ug/ml



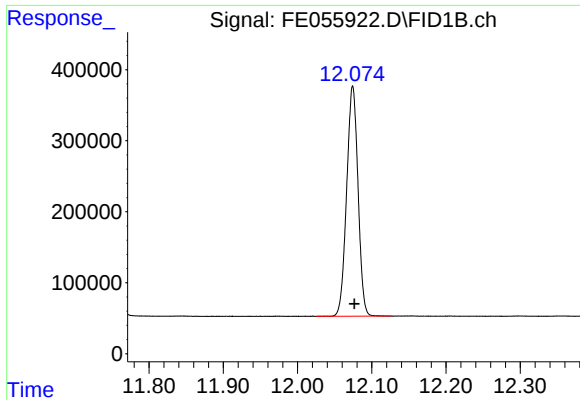
#7 n-Hexadecane (C16)

R.T.: 10.298 min
Delta R.T.: -0.002 min
Response: 2898739
Conc: 20.93 ug/ml



#8 n-Octadecane (C18)

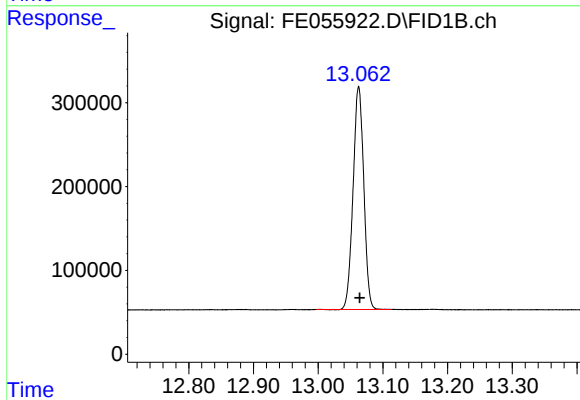
R.T.: 11.748 min
Delta R.T.: -0.002 min
Response: 3102350
Conc: 21.27 ug/ml



#9 ortho-Terphenyl (SURR)

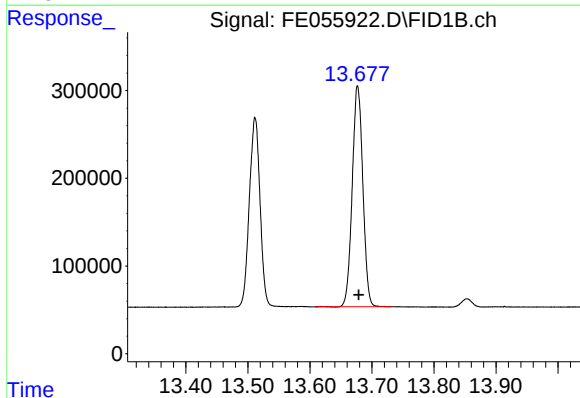
R.T.: 12.074 min
Delta R.T.: -0.002 min
Response: 3451524
Conc: 21.01 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



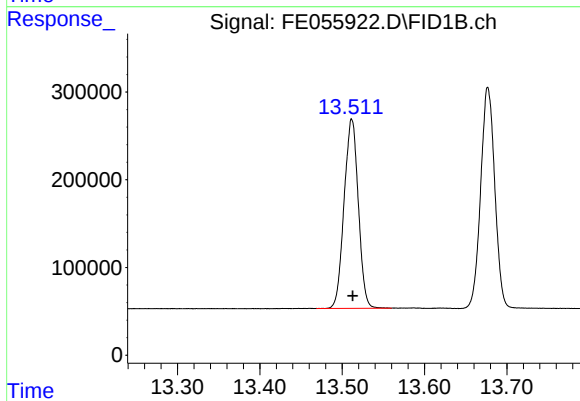
#10 n-Eicosane (C20)

R.T.: 13.063 min
Delta R.T.: -0.002 min
Response: 3055978
Conc: 21.23 ug/ml



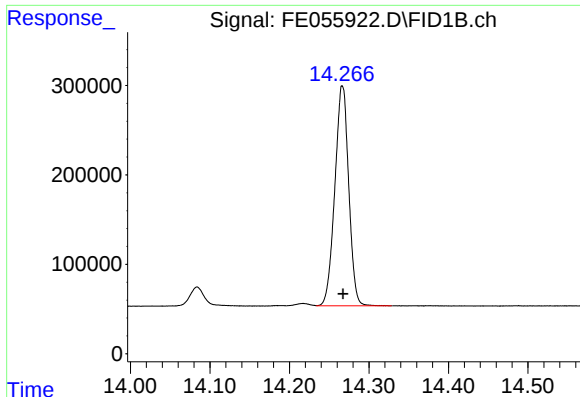
#11 n-Heneicosane (C21)

R.T.: 13.677 min
Delta R.T.: -0.002 min
Response: 2992163
Conc: 20.95 ug/ml



#12 1-chlorooctadecane (SURR)

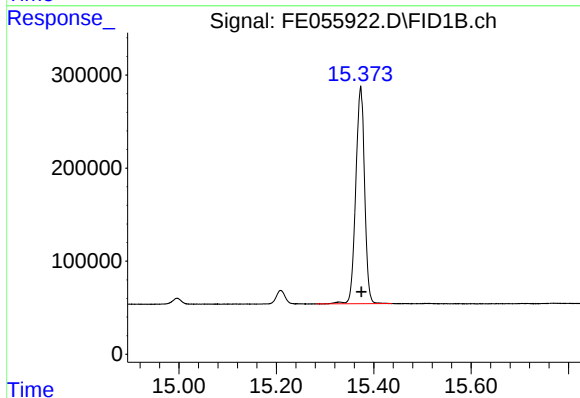
R.T.: 13.512 min
Delta R.T.: -0.001 min
Response: 2586675
Conc: 20.69 ug/ml



#13 n-Docosane (C22)

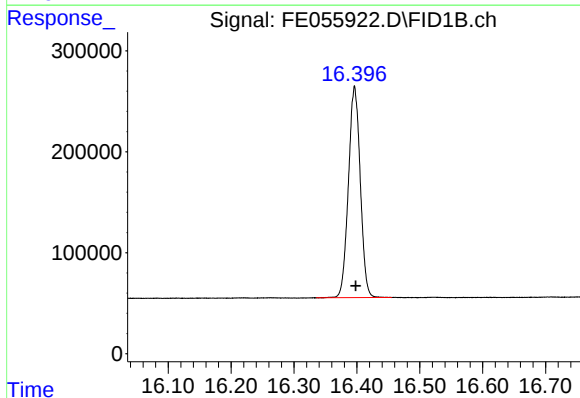
R.T.: 14.267 min
Delta R.T.: 0.000 min
Response: 2981345
Conc: 20.83 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



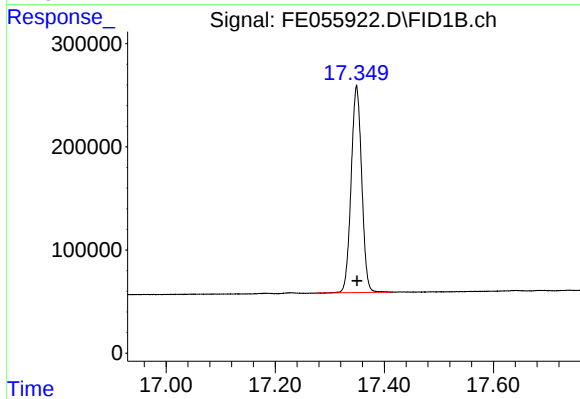
#14 n-Tetracosane (C24)

R.T.: 15.373 min
Delta R.T.: -0.001 min
Response: 2935627
Conc: 20.29 ug/ml



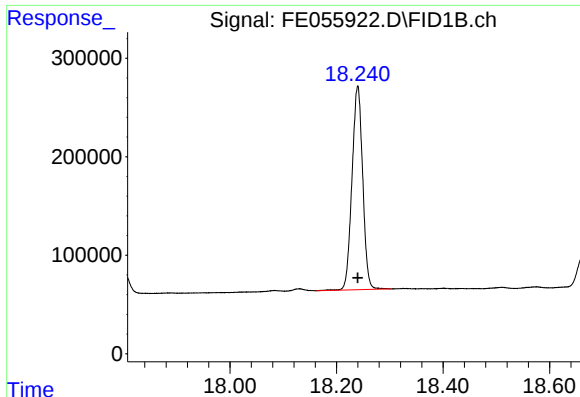
#15 n-Hexacosane (C26)

R.T.: 16.396 min
Delta R.T.: -0.002 min
Response: 2740405
Conc: 19.18 ug/ml



#16 n-Octacosane (C28)

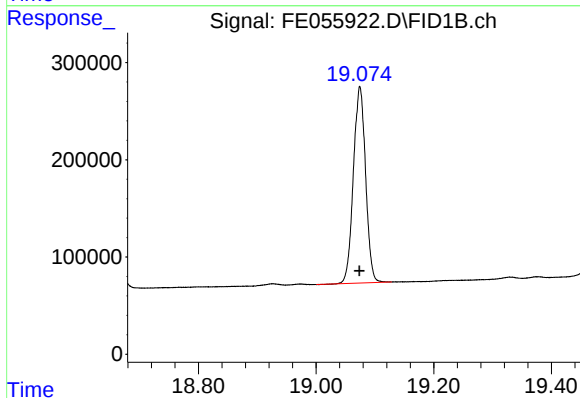
R.T.: 17.349 min
Delta R.T.: -0.001 min
Response: 2694765
Conc: 18.95 ug/ml



#17 n-Tricontane (C30)

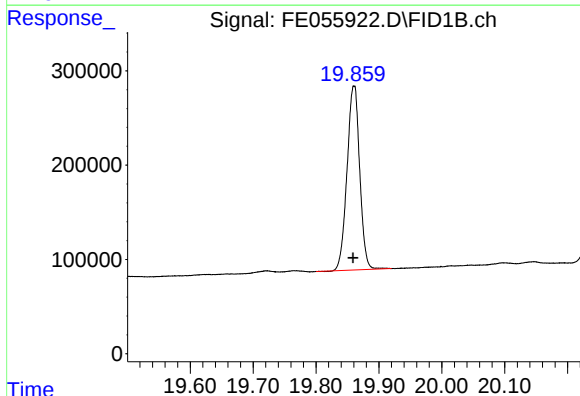
R.T.: 18.240 min
Delta R.T.: 0.000 min
Response: 2880537
Conc: 19.49 ug/ml

Instrument :
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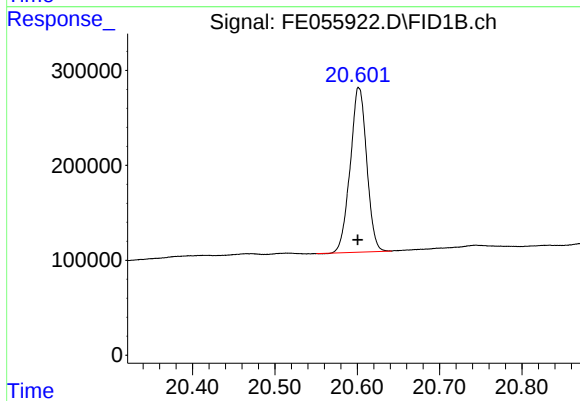
#18 n-Dotriacontane (C32)

R.T.: 19.074 min
Delta R.T.: 0.000 min
Response: 2914190
Conc: 19.85 ug/ml



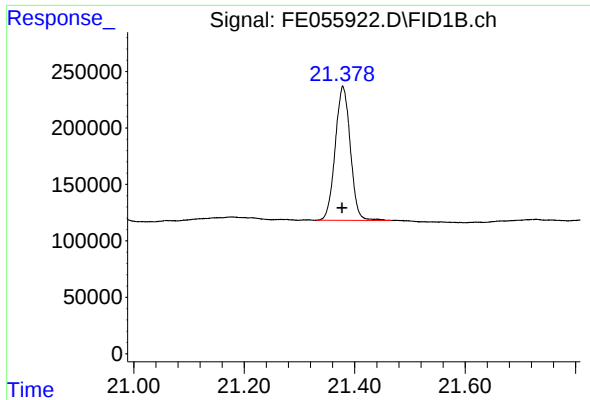
#19 n-Tetratriacontane (C34)

R.T.: 19.860 min
Delta R.T.: 0.001 min
Response: 2730740
Conc: 19.33 ug/ml



#20 n-Hexatriacontane (C36)

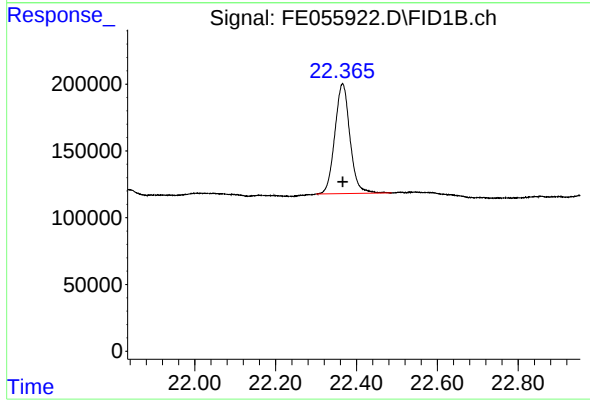
R.T.: 20.602 min
Delta R.T.: 0.002 min
Response: 2415133
Conc: 18.30 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.379 min
Delta R.T.: 0.002 min
Response: 2251492
Conc: 17.29 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.366 min
Delta R.T.: 0.000 min
Response: 2139663
Conc: 16.68 ug/ml