

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE093025AL\
 Data File : FE056116.D
 Signal(s) : FID1B.ch
 Acq On : 01 Oct 2025 06:57
 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: Oct 01 07:28:01 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 092425.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 24 12:55:37 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)	12.071	3517084	18.743 ug/ml
Spiked Amount 50.000		Recovery =	37.49%
12) S 1-chlorooctadecane (S...	13.507	2671740	19.143 ug/ml
Spiked Amount 50.000		Recovery =	38.29%
Target Compounds			
1) T n-Nonane (C9)	3.413	2206578	16.107 ug/ml
2) T n-Decane (C10)	4.670	2288467	16.397 ug/ml
3) T A~Naphthalene (C11.7)	6.390	2813000	17.618 ug/ml
4) T n-Dodecane (C12)	6.845	2463241	17.162 ug/ml
5) T A~2-methylnaphthalene...	7.490	2814750	18.099 ug/ml
6) T n-Tetradecane (C14)	8.681	2669852	18.058 ug/ml
7) T n-Hexadecane (C16)	10.295	2981888	18.765 ug/ml
8) T n-Octadecane (C18)	11.744	3209804	18.950 ug/ml
10) T n-Eicosane (C20)	13.059	3141567	18.952 ug/ml
11) T n-Heneicosane (C21)	13.672	3041255	18.716 ug/ml
13) T n-Docosane (C22)	14.260	2973415	18.608 ug/ml
14) T n-Tetracosane (C24)	15.367	2832922	18.591 ug/ml
15) T n-Hexacosane (C26)	16.390	2640930	18.516 ug/ml
16) T n-Octacosane (C28)	17.343	2581358	18.530 ug/ml
17) T n-Tricontane (C30)	18.232	2716936	18.335 ug/ml
18) T n-Dotriacontane (C32)	19.066	2826458	18.944 ug/ml
19) T n-Tetratriacontane (C34)	19.852	2718890	19.221 ug/ml
20) T n-Hexatriacontane (C36)	20.593	2512600	19.573 ug/ml
21) T n-Octatriacontane (C38)	21.368	2451996	18.669 ug/ml
22) T n-Tetracontane (C40)	22.348	2199968	18.492 ug/ml

(f)=RT Delta > 1/2 Window

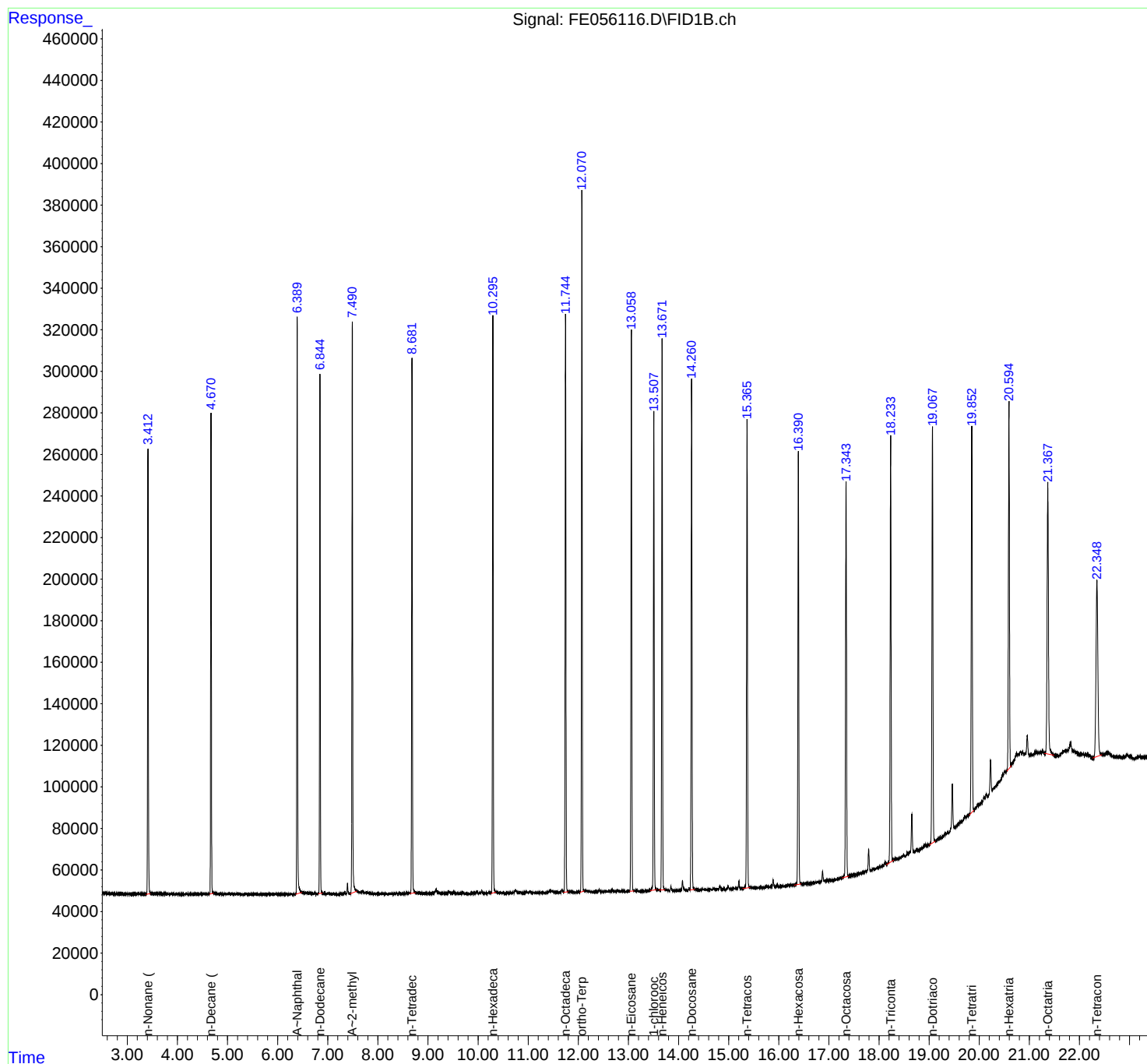
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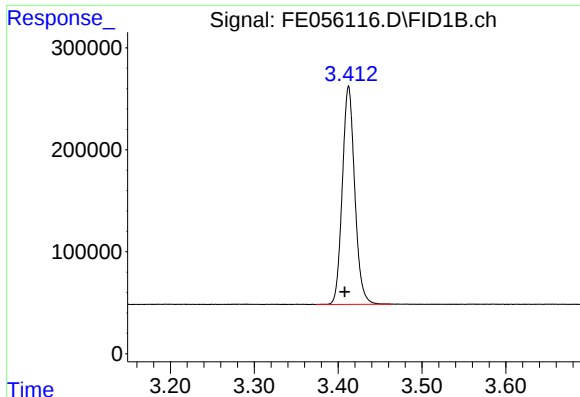
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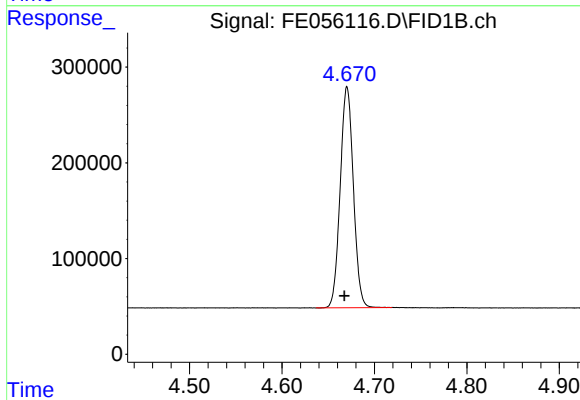




#1 n-Nonane (C9)

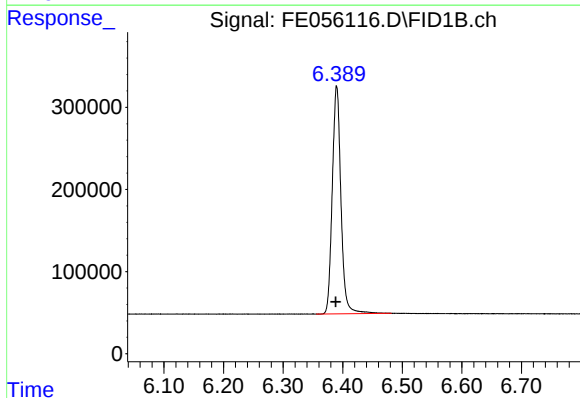
R.T.: 3.413 min
Delta R.T.: 0.005 min
Response: 2206578
Conc: 16.11 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



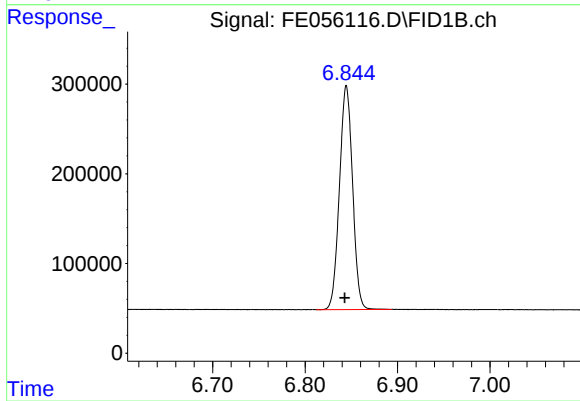
#2 n-Decane (C10)

R.T.: 4.670 min
Delta R.T.: 0.003 min
Response: 2288467
Conc: 16.40 ug/ml



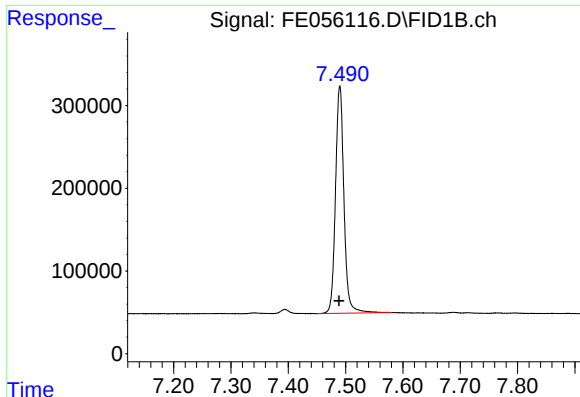
#3 A~Naphthalene (C11.7)

R.T.: 6.390 min
Delta R.T.: 0.002 min
Response: 2813000
Conc: 17.62 ug/ml



#4 n-Dodecane (C12)

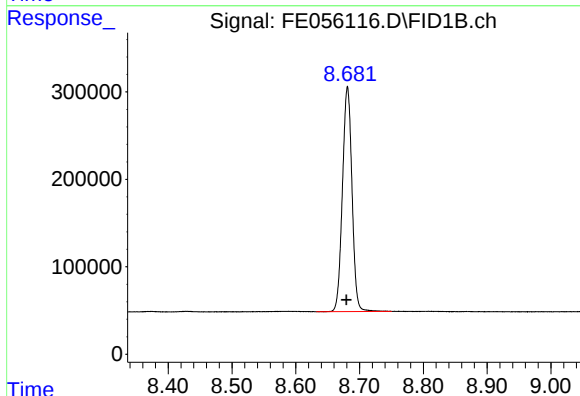
R.T.: 6.845 min
Delta R.T.: 0.002 min
Response: 2463241
Conc: 17.16 ug/ml



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

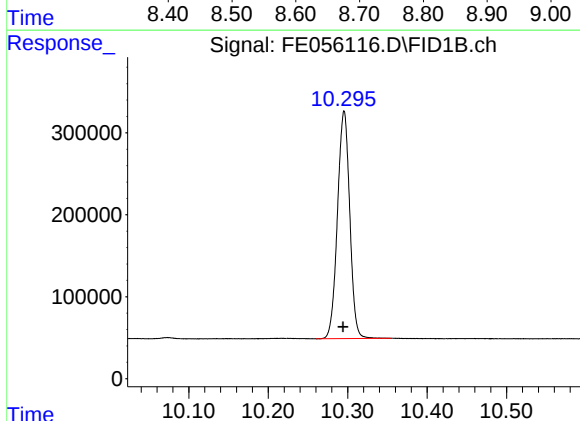
R.T.: 7.490 min
Delta R.T.: 0.001 min
Response: 2814750
Conc: 18.10 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



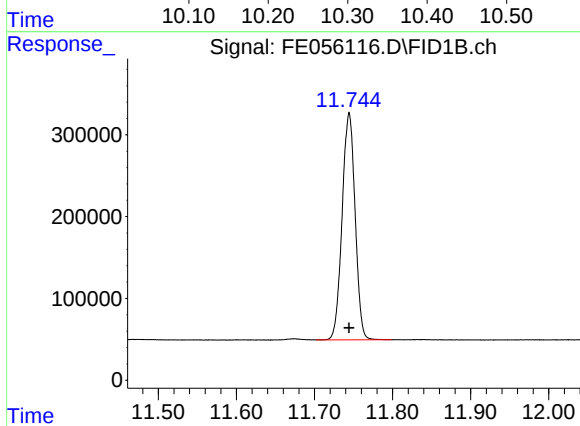
#6 n-Tetradecane (C14)

R.T.: 8.681 min
Delta R.T.: 0.002 min
Response: 2669852
Conc: 18.06 ug/ml



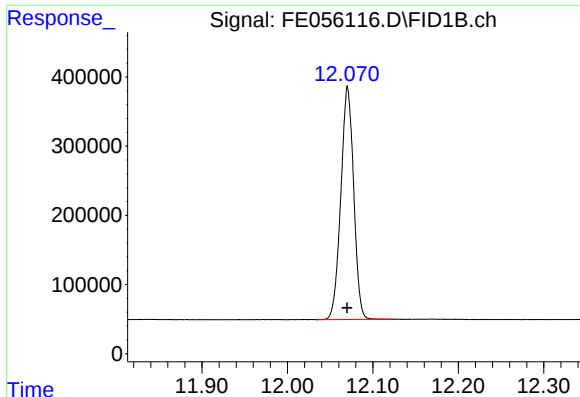
#7 n-Hexadecane (C16)

R.T.: 10.295 min
Delta R.T.: 0.001 min
Response: 2981888
Conc: 18.76 ug/ml



#8 n-Octadecane (C18)

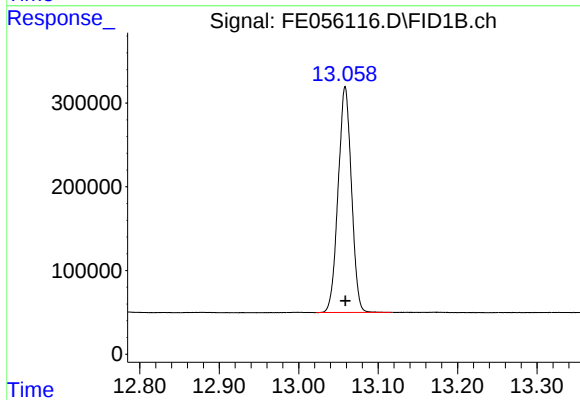
R.T.: 11.744 min
Delta R.T.: 0.000 min
Response: 3209804
Conc: 18.95 ug/ml



#9 ortho-Terphenyl (SURR)

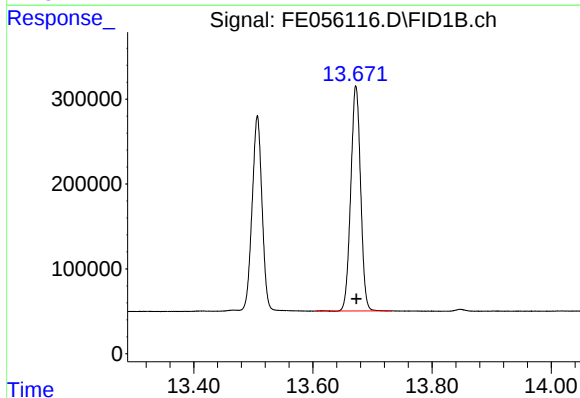
R.T.: 12.071 min
Delta R.T.: 0.000 min
Response: 3517084
Conc: 18.74 ug/ml

Instrument :
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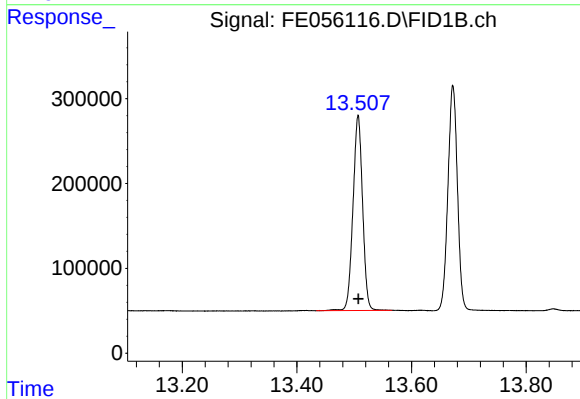
#10 n-Eicosane (C20)

R.T.: 13.059 min
Delta R.T.: 0.000 min
Response: 3141567
Conc: 18.95 ug/ml



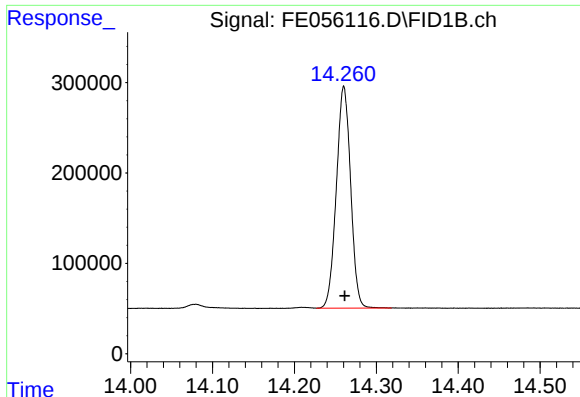
#11 n-Heneicosane (C21)

R.T.: 13.672 min
Delta R.T.: 0.000 min
Response: 3041255
Conc: 18.72 ug/ml



#12 1-chlorooctadecane (SURR)

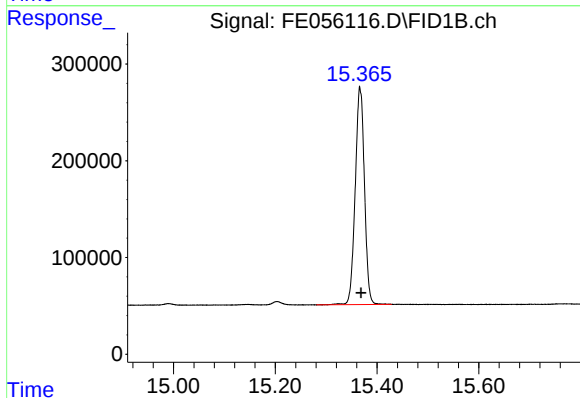
R.T.: 13.507 min
Delta R.T.: 0.000 min
Response: 2671740
Conc: 19.14 ug/ml



#13 n-Docosane (C22)

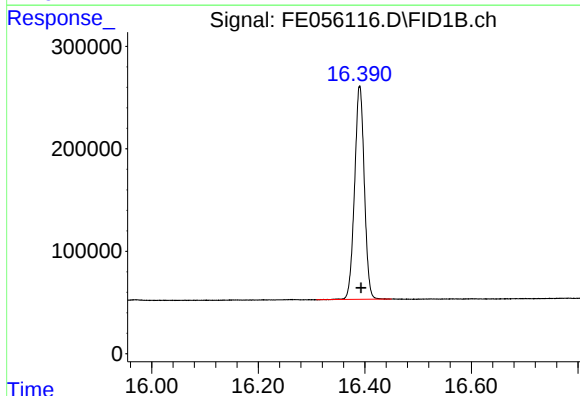
R.T.: 14.260 min
Delta R.T.: -0.001 min
Response: 2973415
Conc: 18.61 ug/ml

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20 PPM ALIPHATIC HC STD



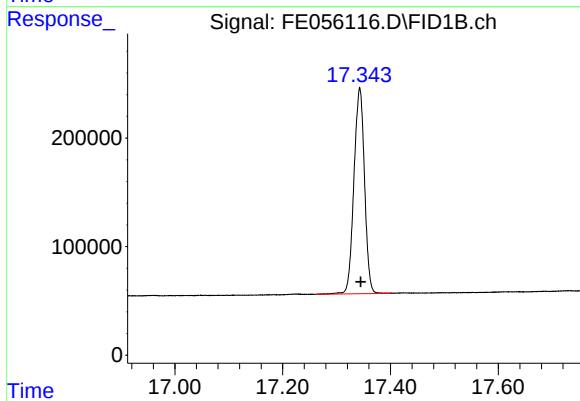
#14 n-Tetracosane (C24)

R.T.: 15.367 min
Delta R.T.: -0.002 min
Response: 2832922
Conc: 18.59 ug/ml



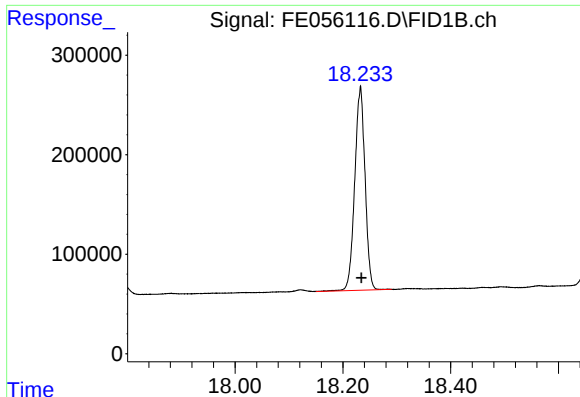
#15 n-Hexacosane (C26)

R.T.: 16.390 min
Delta R.T.: -0.002 min
Response: 2640930
Conc: 18.52 ug/ml



#16 n-Octacosane (C28)

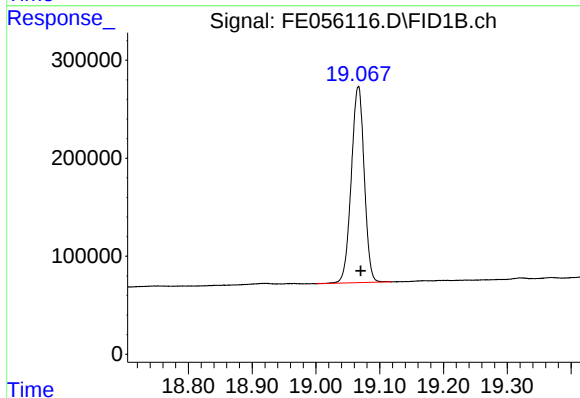
R.T.: 17.343 min
Delta R.T.: -0.002 min
Response: 2581358
Conc: 18.53 ug/ml



#17 n-Tricontane (C30)

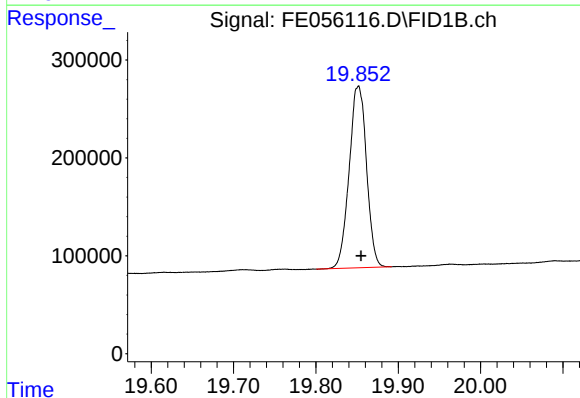
R.T.: 18.232 min
Delta R.T.: -0.002 min
Response: 2716936
Conc: 18.34 ug/ml

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20 PPM ALIPHATIC HC STD



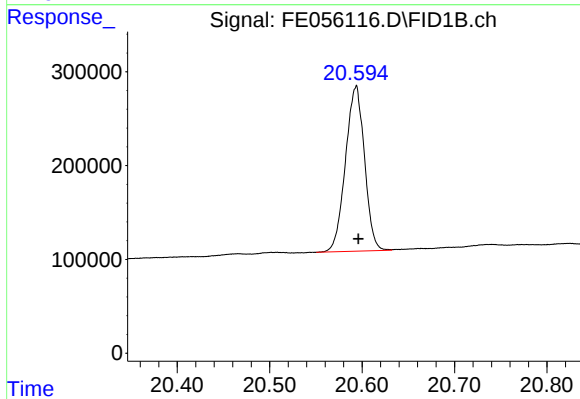
#18 n-Dotriacontane (C32)

R.T.: 19.066 min
Delta R.T.: -0.004 min
Response: 2826458
Conc: 18.94 ug/ml



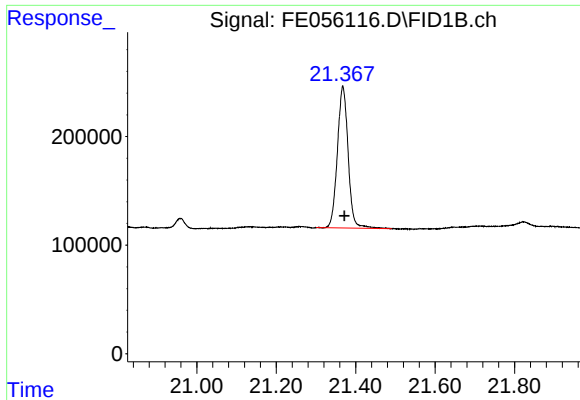
#19 n-Tetratriacontane (C34)

R.T.: 19.852 min
Delta R.T.: -0.003 min
Response: 2718890
Conc: 19.22 ug/ml



#20 n-Hexatriacontane (C36)

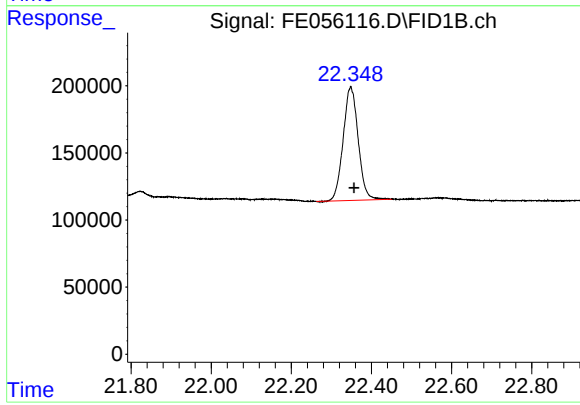
R.T.: 20.593 min
Delta R.T.: -0.003 min
Response: 2512600
Conc: 19.57 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.368 min
Delta R.T.: -0.004 min
Response: 2451996
Conc: 18.67 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.348 min
Delta R.T.: -0.008 min
Response: 2199968
Conc: 18.49 ug/ml