

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE050525AL\
 Data File : FE053658.D
 Signal(s) : FID1B.ch
 Acq On : 05 May 2025 23:18
 Operator : YP\AJ
 Sample : 20 PPM ALIPAHTIC HC STD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: May 06 04:20:30 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 041725.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 29 06:49:03 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)	11.863	3702947	20.531 ug/ml
Spiked Amount 50.000		Recovery =	41.06%
12) S 1-chlorooctadecane (S...	13.307	2726277	20.168 ug/ml
Spiked Amount 50.000		Recovery =	40.34%
Target Compounds			
1) T n-Nonane (C9)	3.210	2970245	21.664 ug/ml
2) T n-Decane (C10)	4.472	3002502	21.705 ug/ml
3) T A~Naphthalene (C11.7)	6.184	3294652	21.827 ug/ml
4) T n-Dodecane (C12)	6.653	3050072	21.748 ug/ml
5) T A~2-methylnaphthalene...	7.287	3248702	21.759 ug/ml
6) T n-Tetradecane (C14)	8.488	3027246	21.579 ug/ml
7) T n-Hexadecane (C16)	10.101	3045968	21.253 ug/ml
8) T n-Octadecane (C18)	11.548	3046683	20.906 ug/ml
10) T n-Eicosane (C20)	12.862	2991223	20.556 ug/ml
11) T n-Heneicosane (C21)	13.475	2961251	20.444 ug/ml
13) T n-Docosane (C22)	14.063	2919536	20.232 ug/ml
14) T n-Tetracosane (C24)	15.169	2870161	19.982 ug/ml
15) T n-Hexacosane (C26)	16.192	2807416	19.822 ug/ml
16) T n-Octacosane (C28)	17.144	2752242	19.782 ug/ml
17) T n-Tricontane (C30)	18.034	2759201	19.823 ug/ml
18) T n-Dotriacontane (C32)	18.867	2791091	20.327 ug/ml
19) T n-Tetratriacontane (C34)	19.652	2685311	20.610 ug/ml
20) T n-Hexatriacontane (C36)	20.394	2661336	21.081 ug/ml
21) T n-Octatriacontane (C38)	21.127	2561869	21.028 ug/ml
22) T n-Tetracontane (C40)	22.029	2479959	20.767 ug/ml

(f)=RT Delta > 1/2 Window

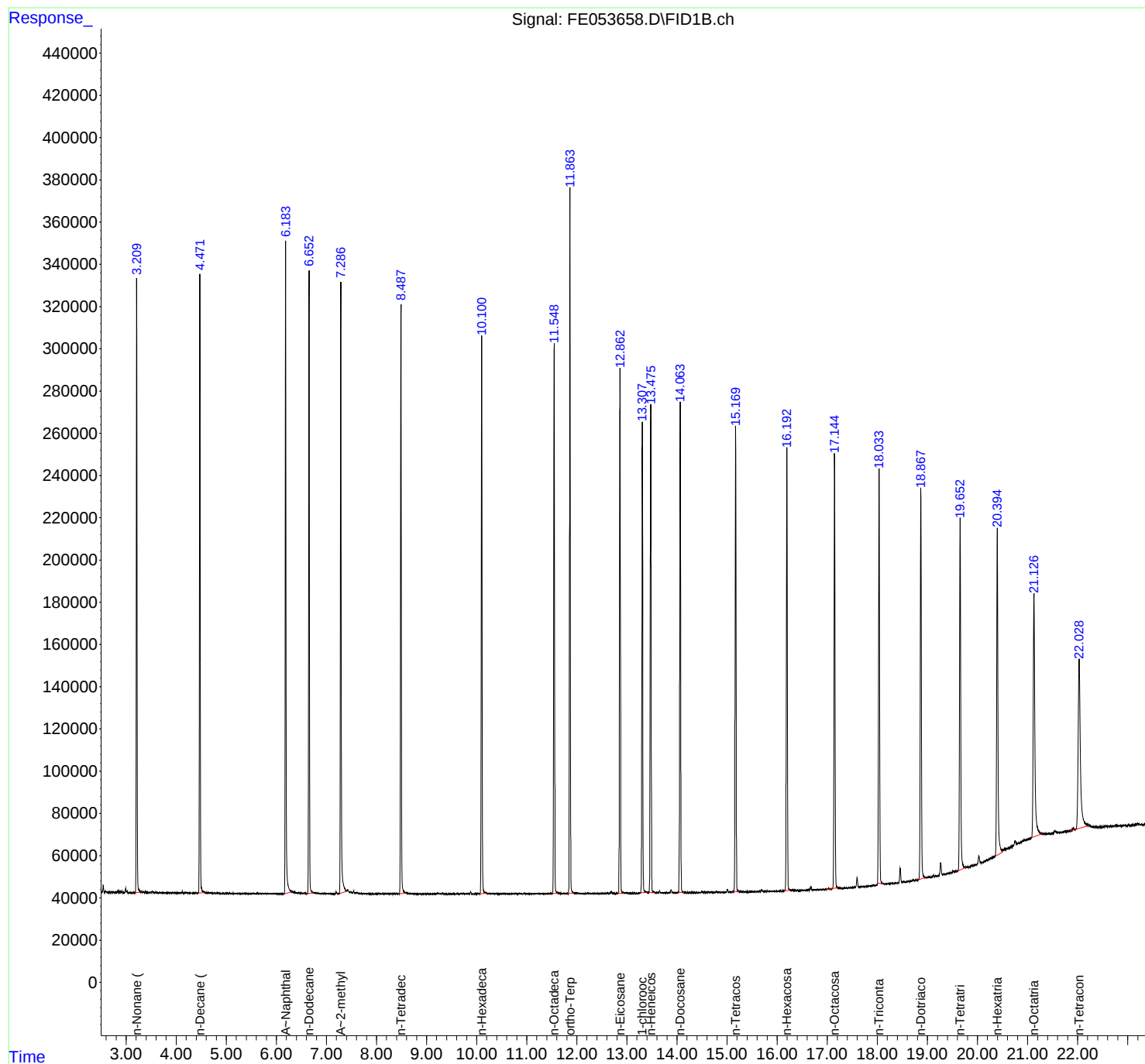
(m)=manual int.

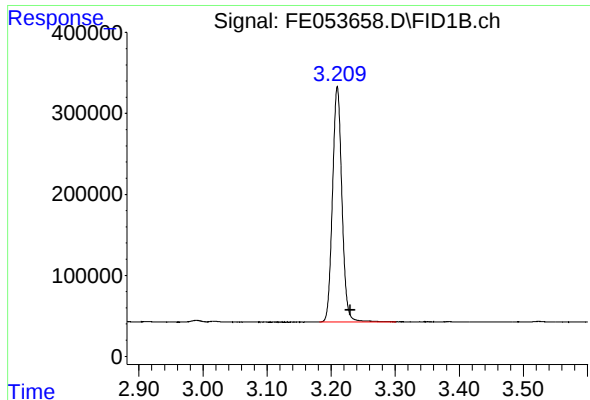
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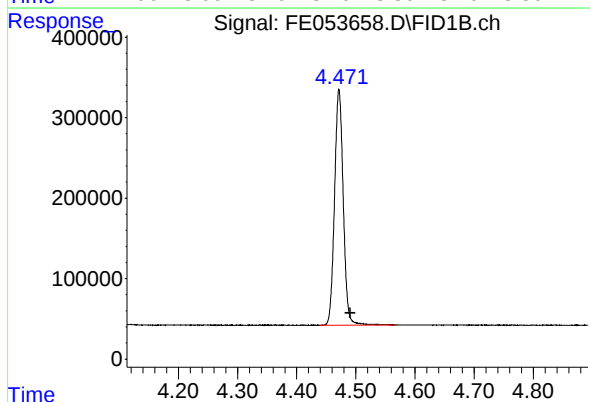




#1 n-Nonane (C9)

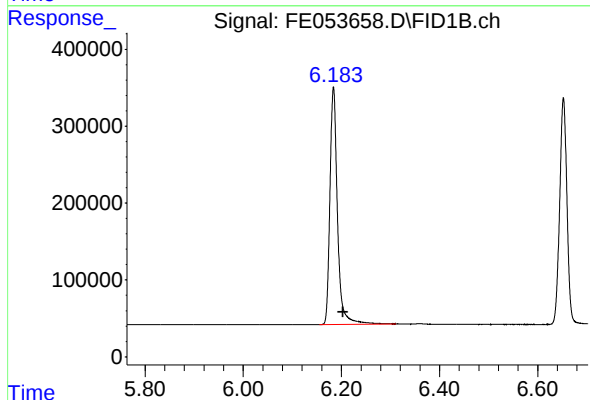
R.T.: 3.210 min
Delta R.T.: -0.020 min
Response: 2970245
Conc: 21.66 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



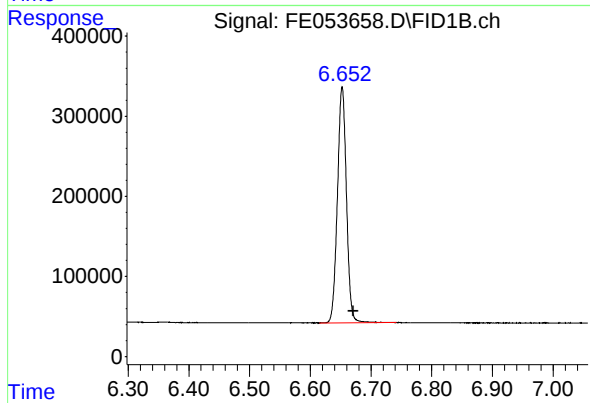
#2 n-Decane (C10)

R.T.: 4.472 min
Delta R.T.: -0.019 min
Response: 3002502
Conc: 21.70 ug/ml



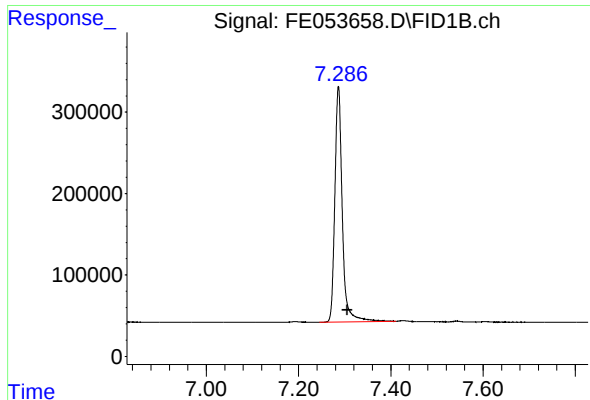
#3 A~Naphthalene (C11.7)

R.T.: 6.184 min
Delta R.T.: -0.019 min
Response: 3294652
Conc: 21.83 ug/ml



#4 n-Dodecane (C12)

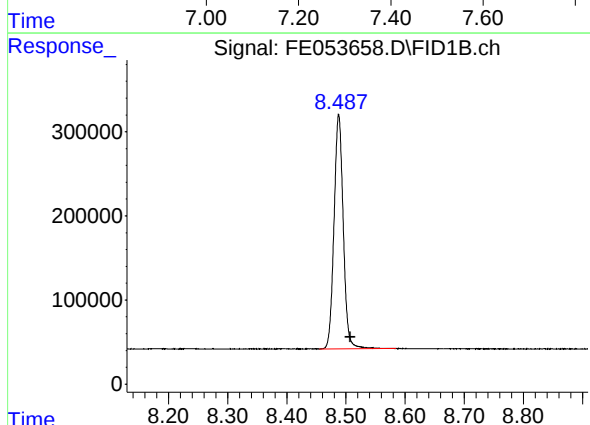
R.T.: 6.653 min
Delta R.T.: -0.018 min
Response: 3050072
Conc: 21.75 ug/ml



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

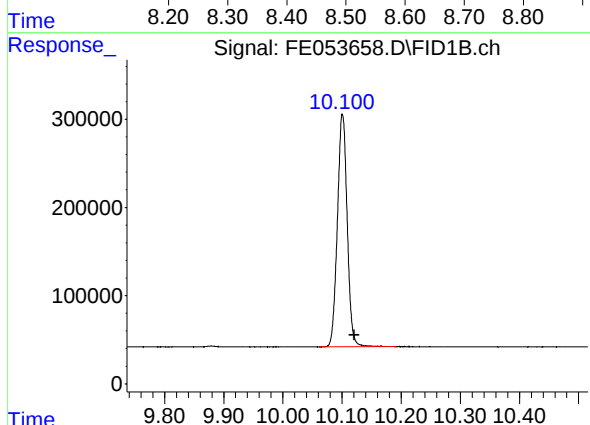
R.T.: 7.287 min
Delta R.T.: -0.019 min
Response: 3248702
Conc: 21.76 ug/ml

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20 PPM ALIPHATIC HC STD



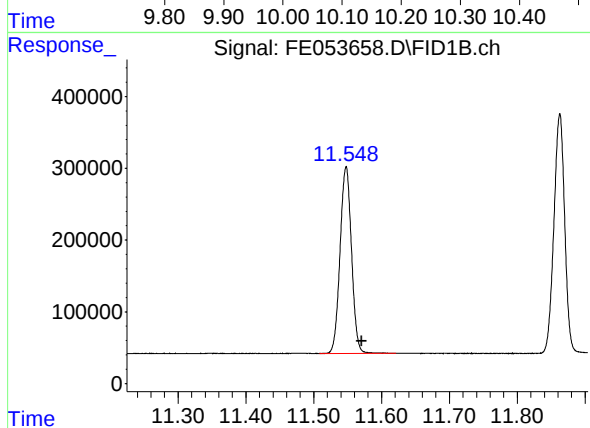
#6 n-Tetradecane (C14)

R.T.: 8.488 min
Delta R.T.: -0.020 min
Response: 3027246
Conc: 21.58 ug/ml



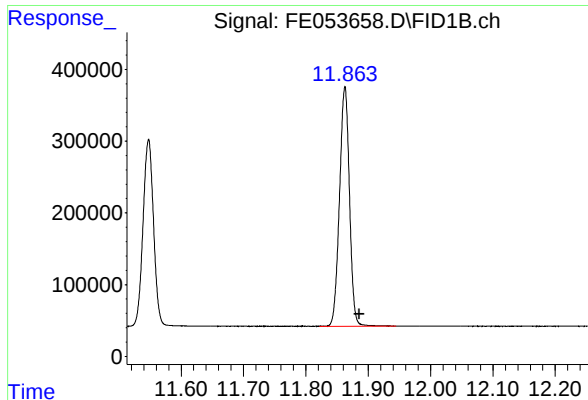
#7 n-Hexadecane (C16)

R.T.: 10.101 min
Delta R.T.: -0.020 min
Response: 3045968
Conc: 21.25 ug/ml



#8 n-Octadecane (C18)

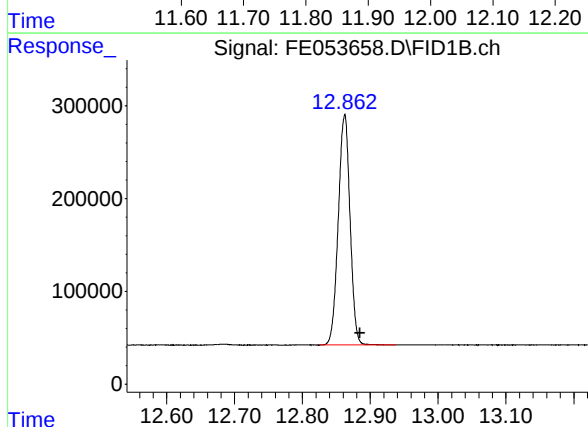
R.T.: 11.548 min
Delta R.T.: -0.023 min
Response: 3046683
Conc: 20.91 ug/ml



#9 ortho-Terphenyl (SURR)

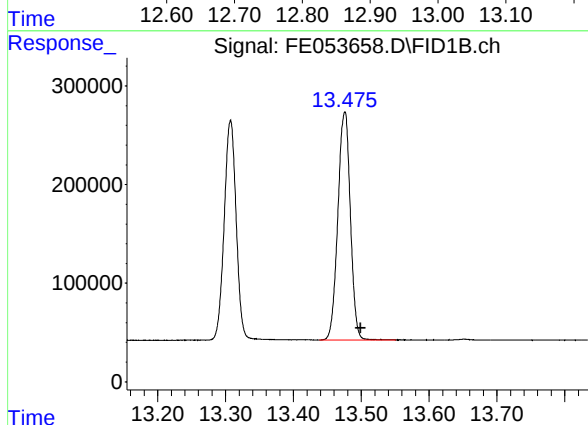
R.T.: 11.863 min
Delta R.T.: -0.023 min
Response: 3702947
Conc: 20.53 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



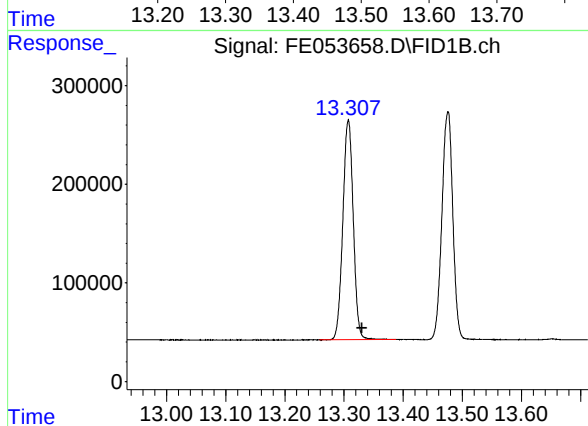
#10 n-Eicosane (C20)

R.T.: 12.862 min
Delta R.T.: -0.023 min
Response: 2991223
Conc: 20.56 ug/ml



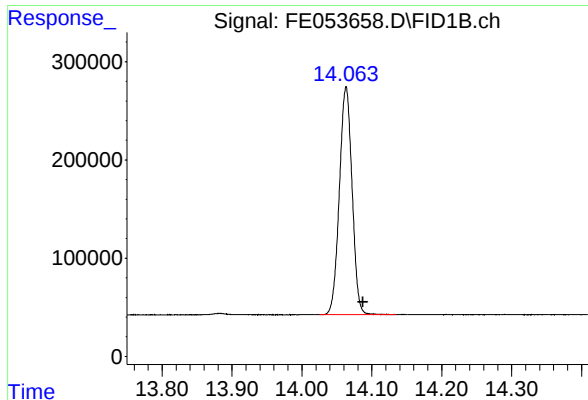
#11 n-Heneicosane (C21)

R.T.: 13.475 min
Delta R.T.: -0.024 min
Response: 2961251
Conc: 20.44 ug/ml



#12 1-chlorooctadecane (SURR)

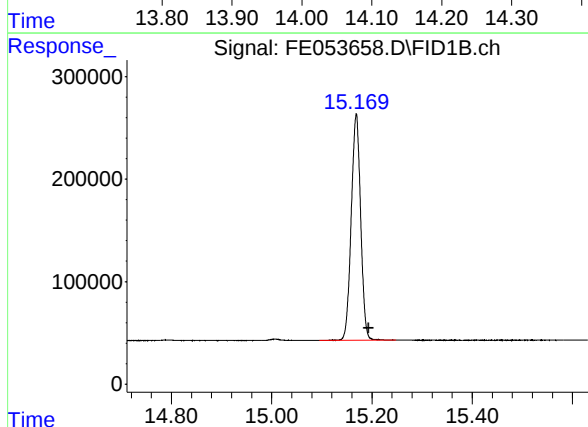
R.T.: 13.307 min
Delta R.T.: -0.023 min
Response: 2726277
Conc: 20.17 ug/ml



#13 n-Docosane (C22)

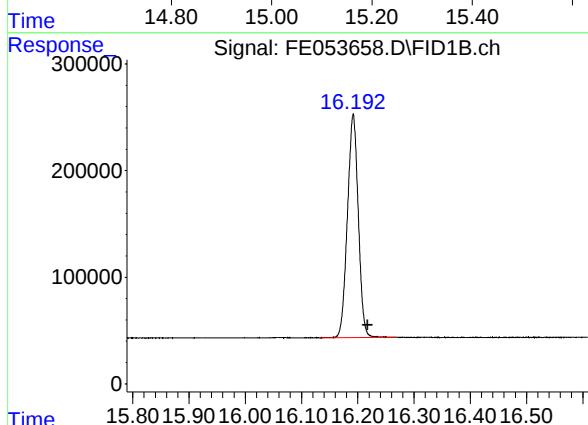
R.T.: 14.063 min
Delta R.T.: -0.024 min
Response: 2919536
Conc: 20.23 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



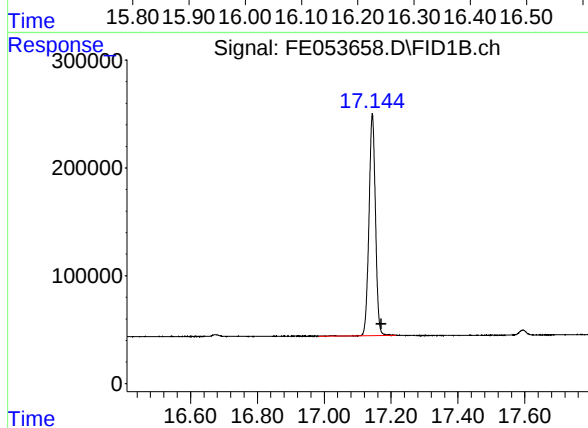
#14 n-Tetracosane (C24)

R.T.: 15.169 min
Delta R.T.: -0.025 min
Response: 2870161
Conc: 19.98 ug/ml



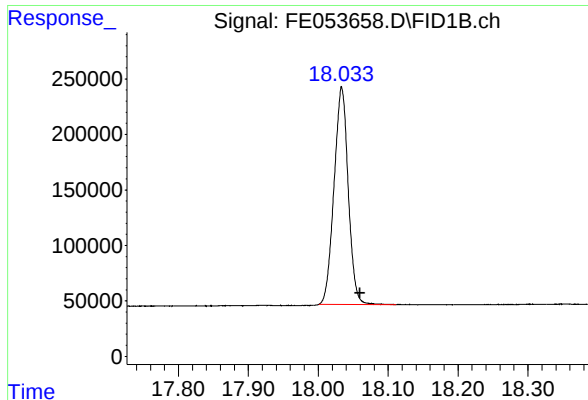
#15 n-Hexacosane (C26)

R.T.: 16.192 min
Delta R.T.: -0.026 min
Response: 2807416
Conc: 19.82 ug/ml



#16 n-Octacosane (C28)

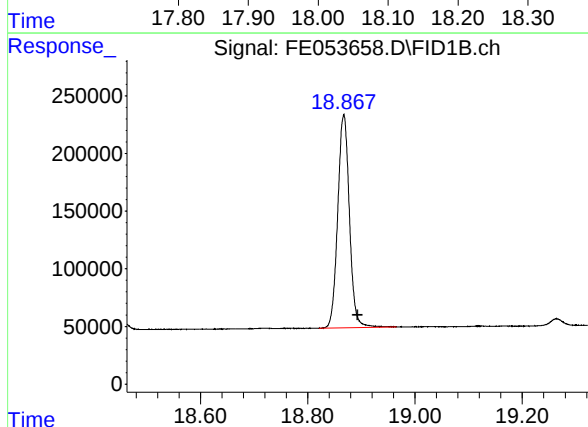
R.T.: 17.144 min
Delta R.T.: -0.026 min
Response: 2752242
Conc: 19.78 ug/ml



#17 n-Tricontane (C30)

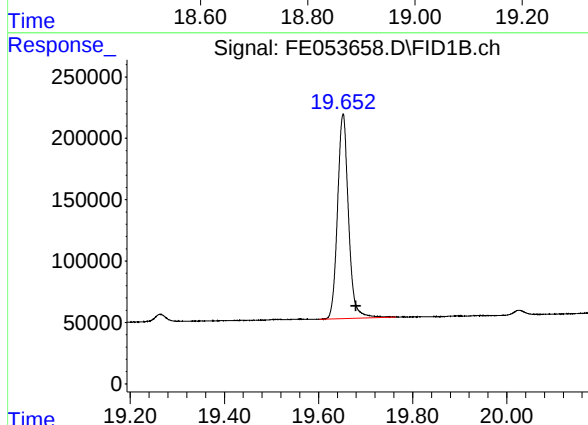
R.T.: 18.034 min
Delta R.T.: -0.026 min
Response: 2759201
Conc: 19.82 ug/ml

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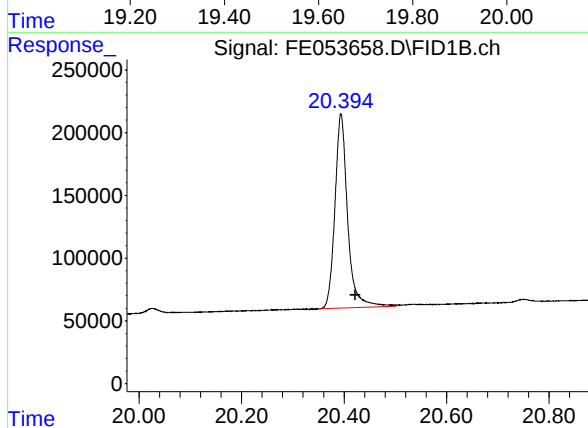
#18 n-Dotriacontane (C32)

R.T.: 18.867 min
Delta R.T.: -0.026 min
Response: 2791091
Conc: 20.33 ug/ml



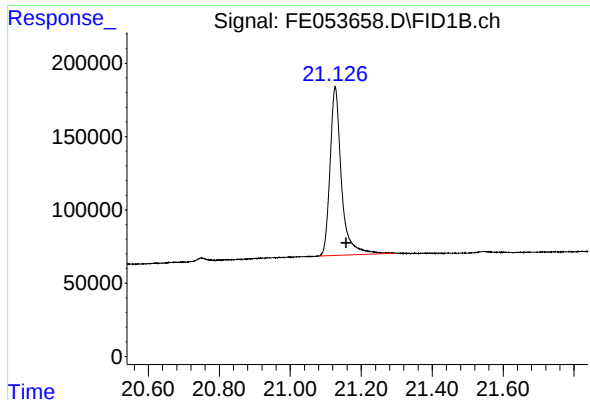
#19 n-Tetatriacontane (C34)

R.T.: 19.652 min
Delta R.T.: -0.027 min
Response: 2685311
Conc: 20.61 ug/ml



#20 n-Hexatriacontane (C36)

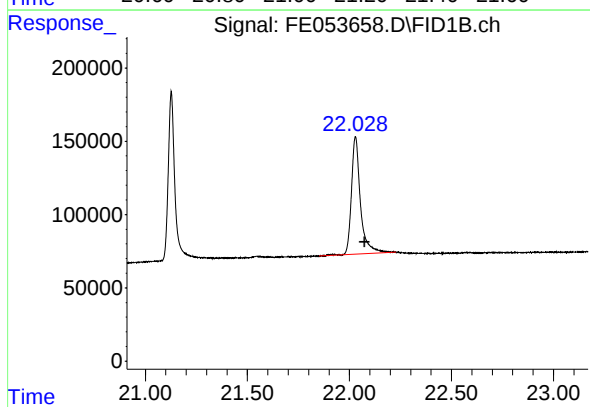
R.T.: 20.394 min
Delta R.T.: -0.028 min
Response: 2661336
Conc: 21.08 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.127 min
Delta R.T.: -0.031 min
Response: 2561869
Conc: 21.03 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.029 min
Delta R.T.: -0.044 min
Response: 2479959
Conc: 20.77 ug/ml