

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061025AL\
 Data File : FE054270.D
 Signal(s) : FID1B.ch
 Acq On : 10 Jun 2025 05:13
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Jun 10 07:26:30 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 061025.M
 Quant Title : GC Extractables
 QLast Update : Tue Jun 10 07:24:04 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)	11.834	3232302	19.562 ug/ml
Spiked Amount 50.000		Recovery =	39.12%
12) S 1-chlorooctadecane (S...	13.279	2398263	19.666 ug/ml
Spiked Amount 50.000		Recovery =	39.33%
Target Compounds			
1) T n-Nonane (C9)	3.180	2431902	19.584 ug/ml
2) T n-Decane (C10)	4.443	2438523	19.625 ug/ml
3) T A~Naphthalene (C11.7)	6.159	2630558	19.465 ug/ml
4) T n-Dodecane (C12)	6.626	2509009	19.704 ug/ml
5) T A~2-methylnaphthalene...	7.262	2606809	19.681 ug/ml
6) T n-Tetradecane (C14)	8.461	2531007	19.550 ug/ml
7) T n-Hexadecane (C16)	10.073	2594595	19.532 ug/ml
8) T n-Octadecane (C18)	11.520	2633737	19.504 ug/ml
10) T n-Eicosane (C20)	12.833	2613712	19.538 ug/ml
11) T n-Heneicosane (C21)	13.447	2599382	19.549 ug/ml
13) T n-Docosane (C22)	14.034	2573217	19.625 ug/ml
14) T n-Tetracosane (C24)	15.140	2537750	19.673 ug/ml
15) T n-Hexacosane (C26)	16.163	2470223	19.679 ug/ml
16) T n-Octacosane (C28)	17.114	2415761	19.699 ug/ml
17) T n-Tricontane (C30)	18.005	2438363	19.673 ug/ml
18) T n-Dotriacontane (C32)	18.837	2468268	19.645 ug/ml
19) T n-Tetratriacontane (C34)	19.623	2445407	19.657 ug/ml
20) T n-Hexatriacontane (C36)	20.365	2548409	19.796 ug/ml
21) T n-Octatriacontane (C38)	21.093	2580912	19.546 ug/ml
22) T n-Tetracontane (C40)	21.983	2616865	19.426 ug/ml

(f)=RT Delta > 1/2 Window

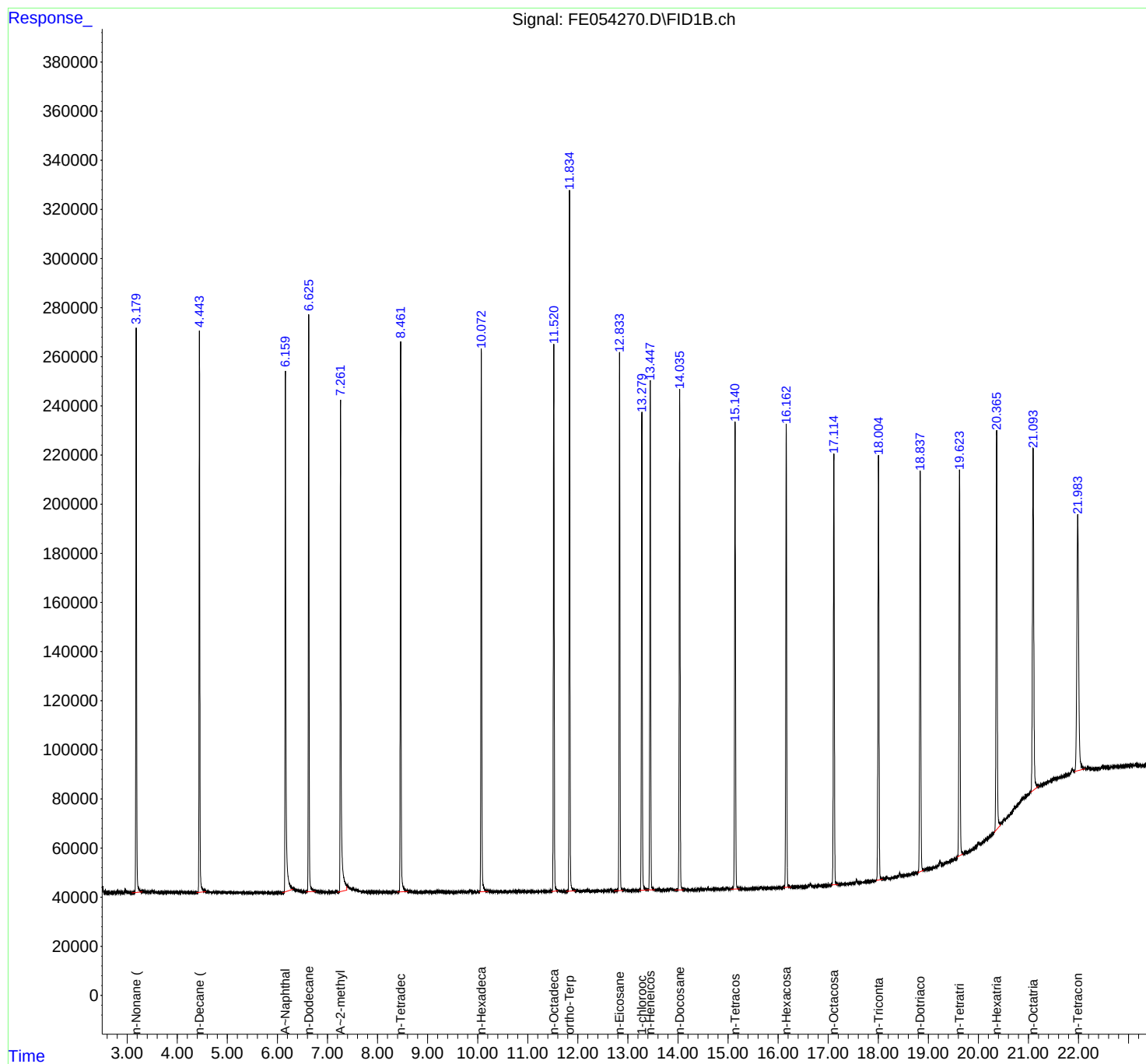
(m)=manual int.

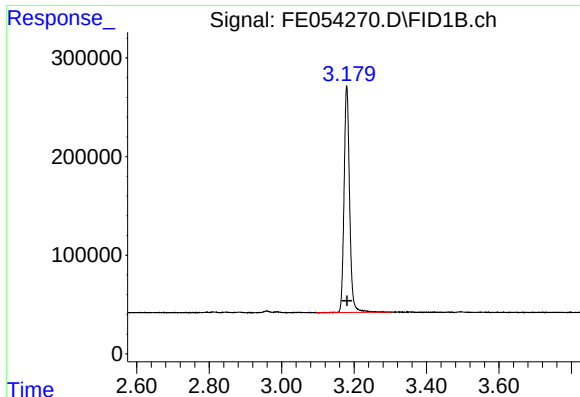
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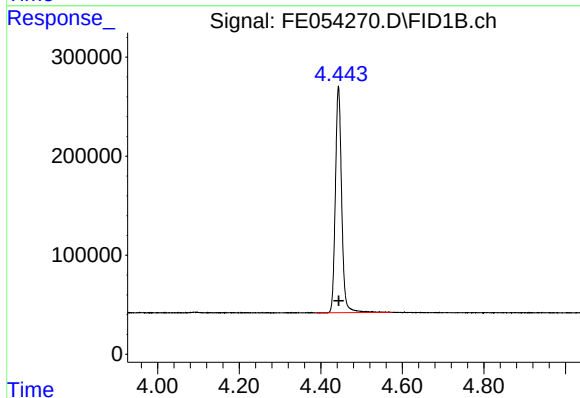




#1 n-Nonane (C9)

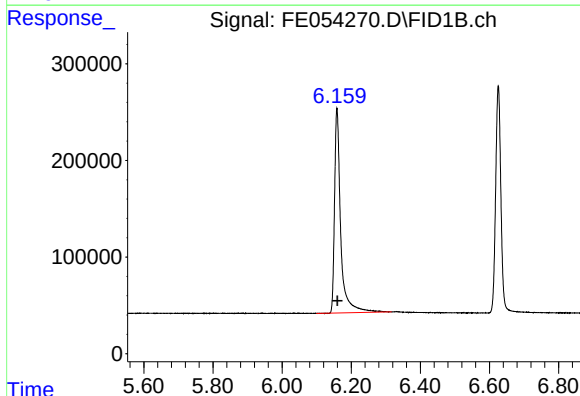
R.T.: 3.180 min
Delta R.T.: -0.001 min
Response: 2431902
Conc: 19.58 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



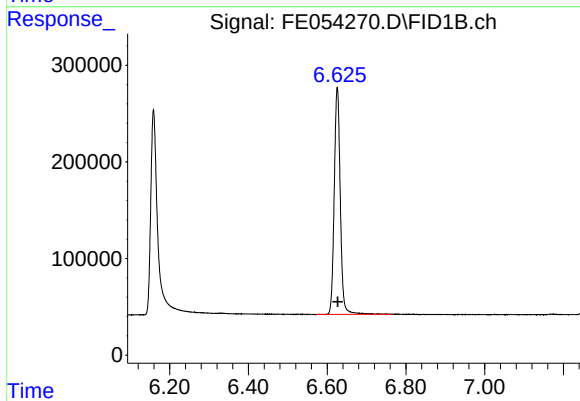
#2 n-Decane (C10)

R.T.: 4.443 min
Delta R.T.: 0.000 min
Response: 2438523
Conc: 19.63 ug/ml



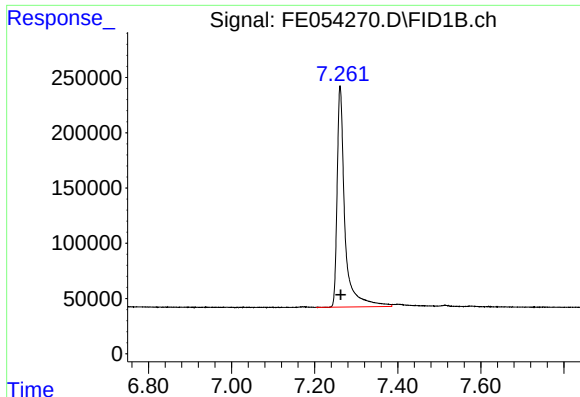
#3 A~Naphthalene (C11.7)

R.T.: 6.159 min
Delta R.T.: -0.001 min
Response: 2630558
Conc: 19.47 ug/ml



#4 n-Dodecane (C12)

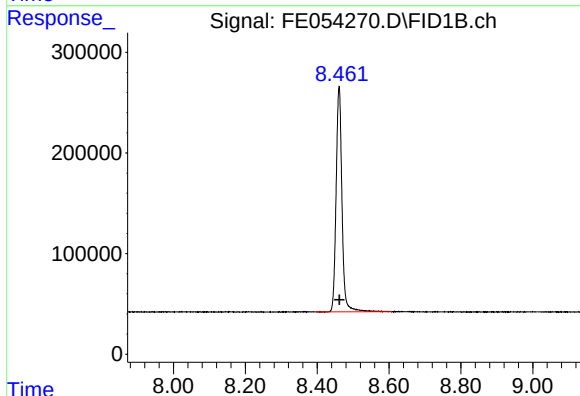
R.T.: 6.626 min
Delta R.T.: 0.000 min
Response: 2509009
Conc: 19.70 ug/ml



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

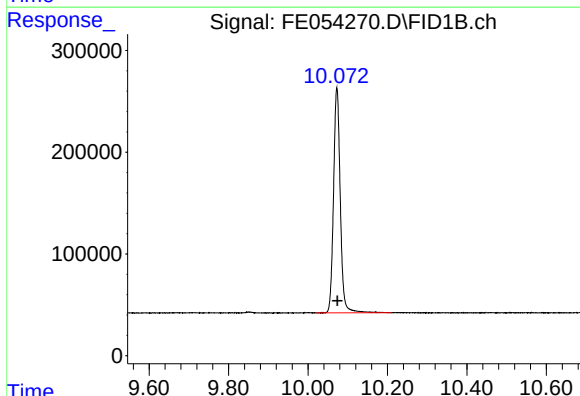
R.T.: 7.262 min
Delta R.T.: 0.000 min
Response: 2606809
Conc: 19.68 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



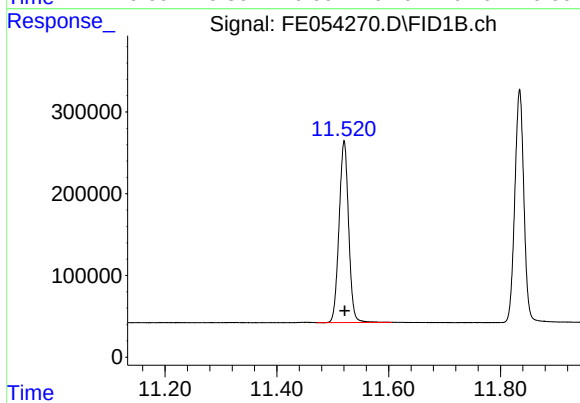
#6 n-Tetradecane (C14)

R.T.: 8.461 min
Delta R.T.: 0.000 min
Response: 2531007
Conc: 19.55 ug/ml



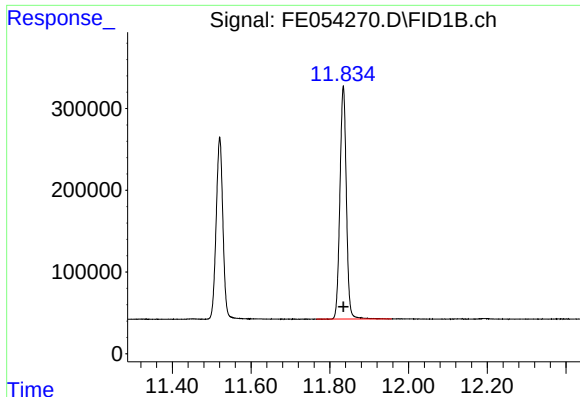
#7 n-Hexadecane (C16)

R.T.: 10.073 min
Delta R.T.: -0.002 min
Response: 2594595
Conc: 19.53 ug/ml



#8 n-Octadecane (C18)

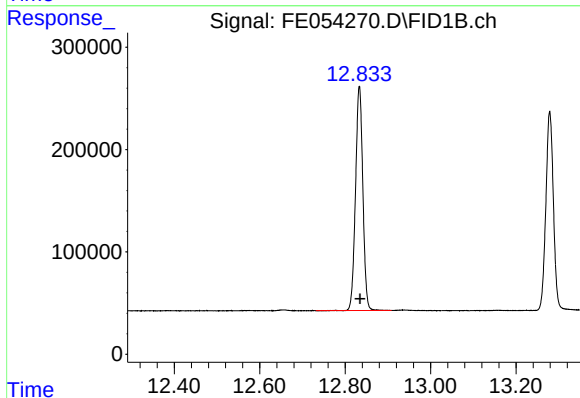
R.T.: 11.520 min
Delta R.T.: 0.000 min
Response: 2633737
Conc: 19.50 ug/ml



#9 ortho-Terphenyl (SURR)

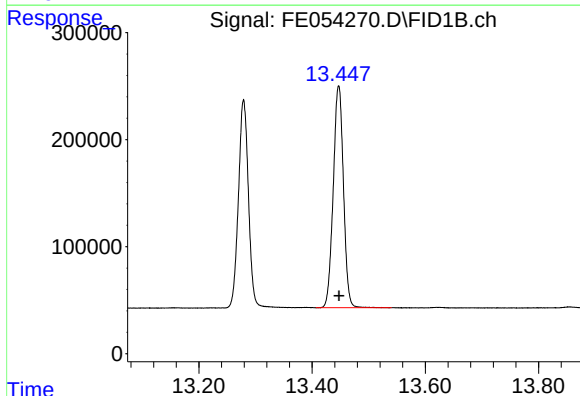
R.T.: 11.834 min
Delta R.T.: 0.000 min
Response: 3232302
Conc: 19.56 ug/ml

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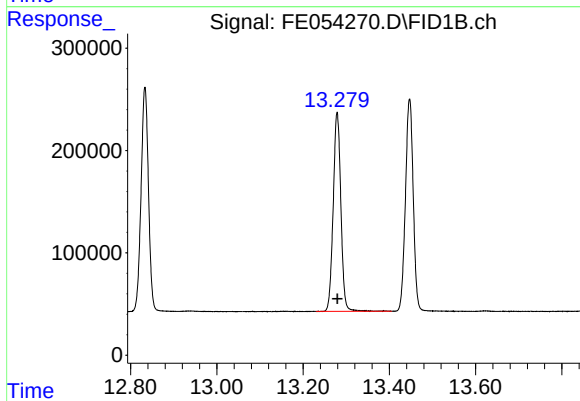
#10 n-Eicosane (C20)

R.T.: 12.833 min
Delta R.T.: -0.001 min
Response: 2613712
Conc: 19.54 ug/ml



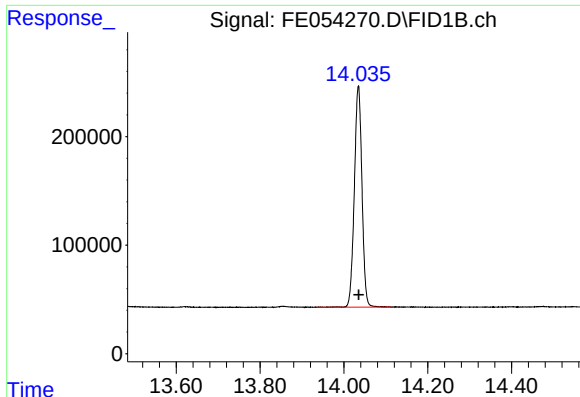
#11 n-Heneicosane (C21)

R.T.: 13.447 min
Delta R.T.: 0.000 min
Response: 2599382
Conc: 19.55 ug/ml



#12 1-chlorooctadecane (SURR)

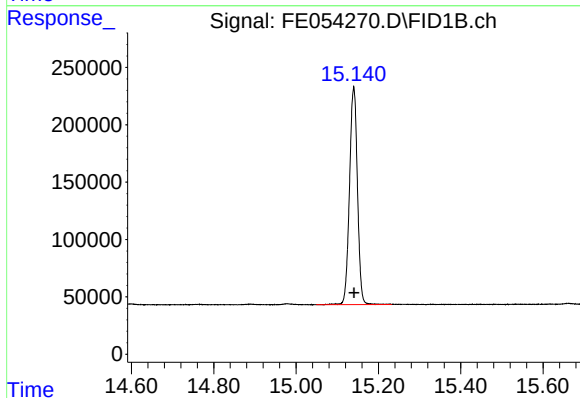
R.T.: 13.279 min
Delta R.T.: 0.000 min
Response: 2398263
Conc: 19.67 ug/ml



#13 n-Docosane (C22)

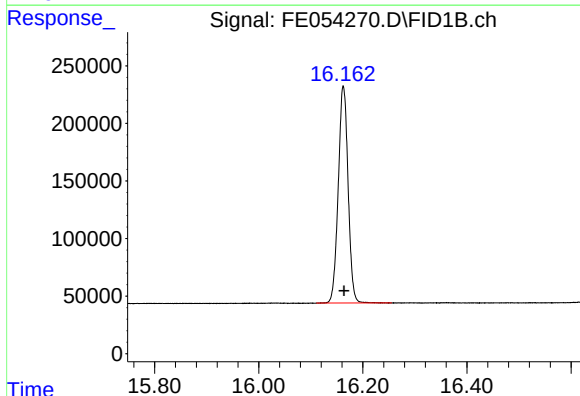
R.T.: 14.034 min
Delta R.T.: 0.000 min
Response: 2573217
Conc: 19.62 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



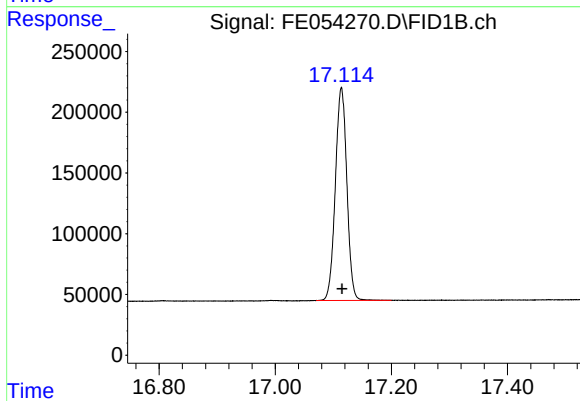
#14 n-Tetracosane (C24)

R.T.: 15.140 min
Delta R.T.: -0.001 min
Response: 2537750
Conc: 19.67 ug/ml



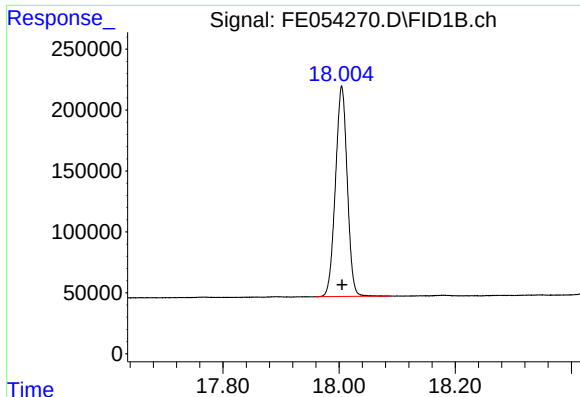
#15 n-Hexacosane (C26)

R.T.: 16.163 min
Delta R.T.: -0.001 min
Response: 2470223
Conc: 19.68 ug/ml



#16 n-Octacosane (C28)

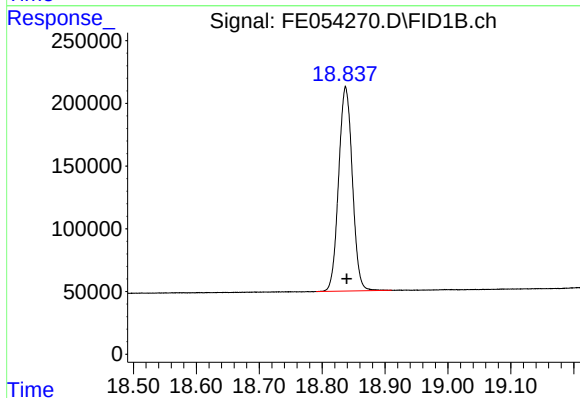
R.T.: 17.114 min
Delta R.T.: -0.001 min
Response: 2415761
Conc: 19.70 ug/ml



#17 n-Tricontane (C30)

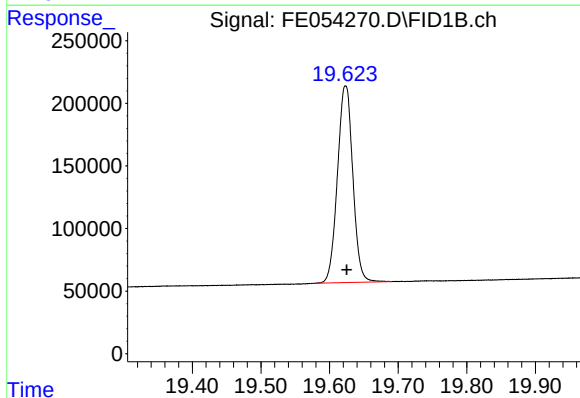
R.T.: 18.005 min
Delta R.T.: 0.000 min
Response: 2438363
Conc: 19.67 ug/ml

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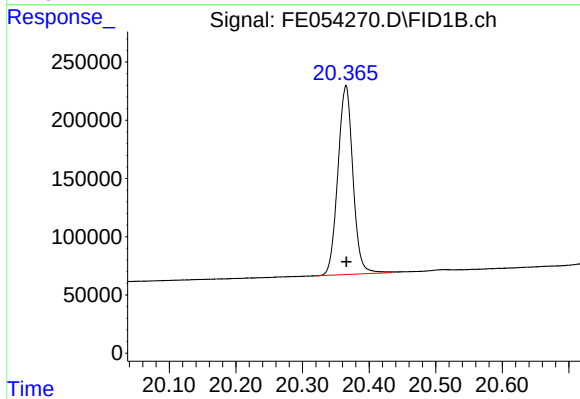
#18 n-Dotriacontane (C32)

R.T.: 18.837 min
Delta R.T.: -0.002 min
Response: 2468268
Conc: 19.64 ug/ml



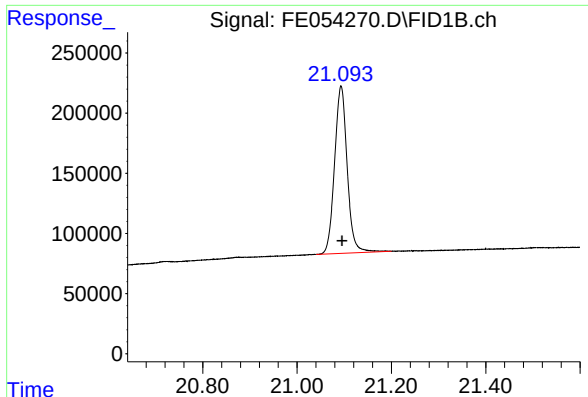
#19 n-Tetratriacontane (C34)

R.T.: 19.623 min
Delta R.T.: -0.002 min
Response: 2445407
Conc: 19.66 ug/ml



#20 n-Hexatriacontane (C36)

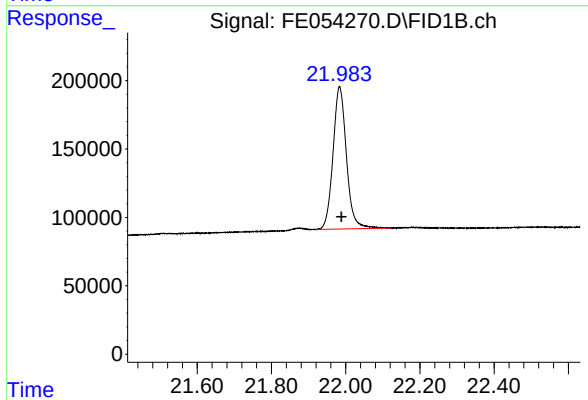
R.T.: 20.365 min
Delta R.T.: -0.001 min
Response: 2548409
Conc: 19.80 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.093 min
Delta R.T.: -0.002 min
Response: 2580912
Conc: 19.55 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.983 min
Delta R.T.: -0.005 min
Response: 2616865
Conc: 19.43 ug/ml