

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC071625AL\
 Data File : FC069458.D
 Signal(s) : FID1A.ch
 Acq On : 16 Jul 2025 13:47
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: sample.E
 Quant Time: Jul 17 06:49:49 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 071525.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 15 12:35:59 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)	11.667	2919867	19.675 ug/ml
Spiked Amount 50.000		Recovery =	39.35%
12) S 1-chlorooctadecane (S...	13.104	2208468	19.542 ug/ml
Spiked Amount 50.000		Recovery =	39.08%
Target Compounds			
1) T n-Nonane (C9)	3.397	2740974	20.142 ug/ml
2) T n-Decane (C10)	4.471	2811580	20.201 ug/ml
3) T A~Naphthalene (C11.7)	6.066	3023354	20.008 ug/ml
4) T n-Dodecane (C12)	6.497	2876501	20.295 ug/ml
5) T A~2-methylnaphthalene...	7.126	2916397	19.962 ug/ml
6) T n-Tetradecane (C14)	8.296	2906169	20.439 ug/ml
7) T n-Hexadecane (C16)	9.900	2954611	20.242 ug/ml
8) T n-Octadecane (C18)	11.345	2890991	20.098 ug/ml
10) T n-Eicosane (C20)	12.657	2668120	19.874 ug/ml
11) T n-Heneicosane (C21)	13.271	2568532	19.774 ug/ml
13) T n-Docosane (C22)	13.857	2502715	19.705 ug/ml
14) T n-Tetracosane (C24)	14.961	2394954	19.622 ug/ml
15) T n-Hexacosane (C26)	15.985	2260549	19.457 ug/ml
16) T n-Octacosane (C28)	16.937	2145290	19.377 ug/ml
17) T n-Tricontane (C30)	17.825	2118794	19.350 ug/ml
18) T n-Dotriacontane (C32)	18.658	2029743	19.560 ug/ml
19) T n-Tetratriacontane (C34)	19.443	1853548	19.671 ug/ml
20) T n-Hexatriacontane (C36)	20.185	1610971	19.504 ug/ml
21) T n-Octatriacontane (C38)	20.950	1473709	19.403 ug/ml
22) T n-Tetracontane (C40)	21.912	1402347	19.145 ug/ml

(f)=RT Delta > 1/2 Window

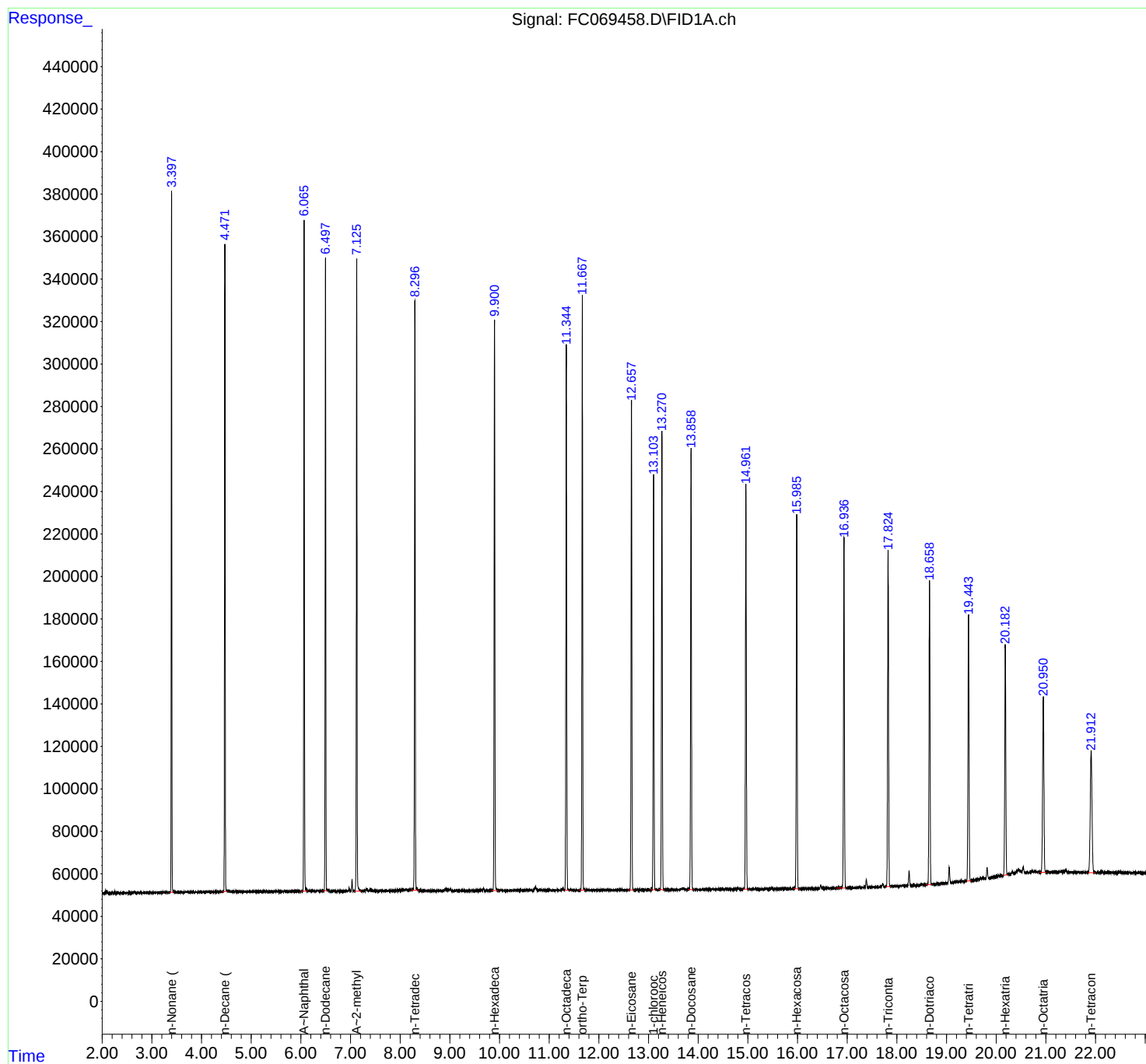
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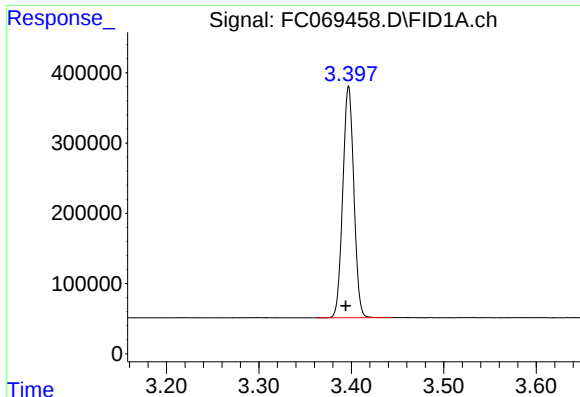
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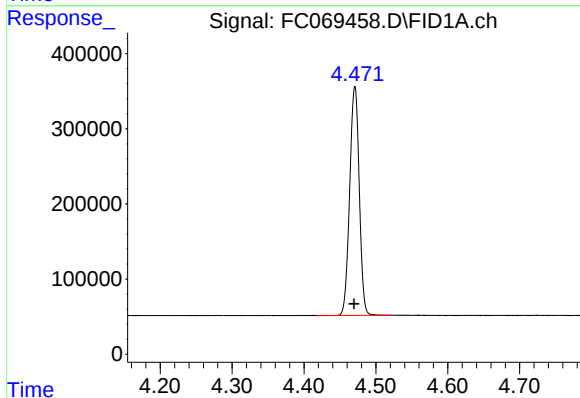




#1 n-Nonane (C9)

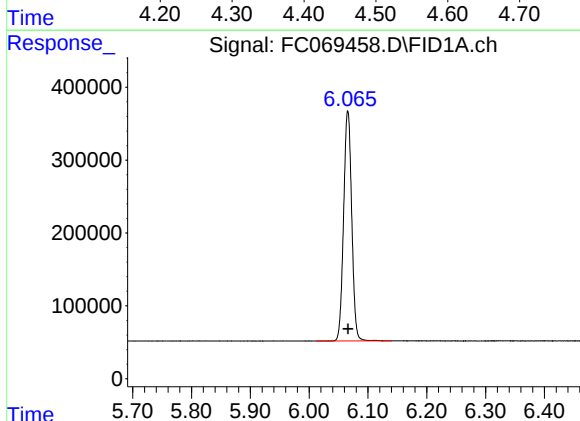
R.T.: 3.397 min
Delta R.T.: 0.003 min
Response: 2740974
Conc: 20.14 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



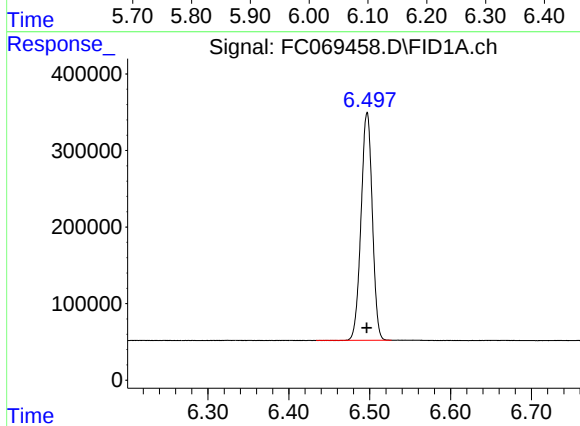
#2 n-Decane (C10)

R.T.: 4.471 min
Delta R.T.: 0.001 min
Response: 2811580
Conc: 20.20 ug/ml



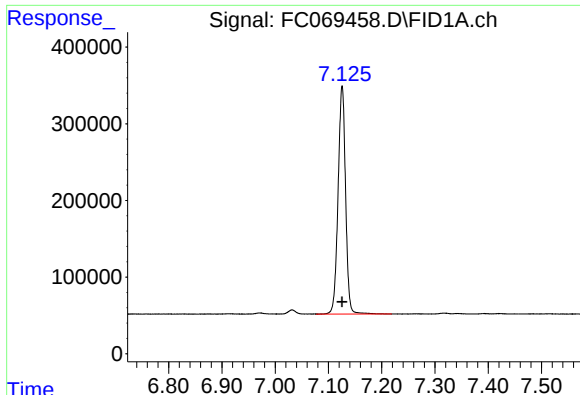
#3 A~Naphthalene (C11.7)

R.T.: 6.066 min
Delta R.T.: 0.000 min
Response: 3023354
Conc: 20.01 ug/ml



#4 n-Dodecane (C12)

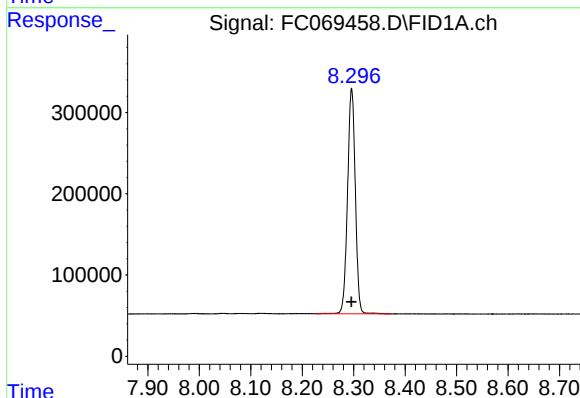
R.T.: 6.497 min
Delta R.T.: 0.000 min
Response: 2876501
Conc: 20.29 ug/ml



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

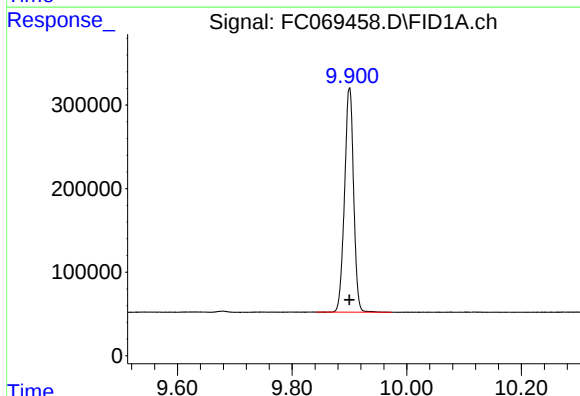
R.T.: 7.126 min
Delta R.T.: 0.000 min
Response: 2916397
Conc: 19.96 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



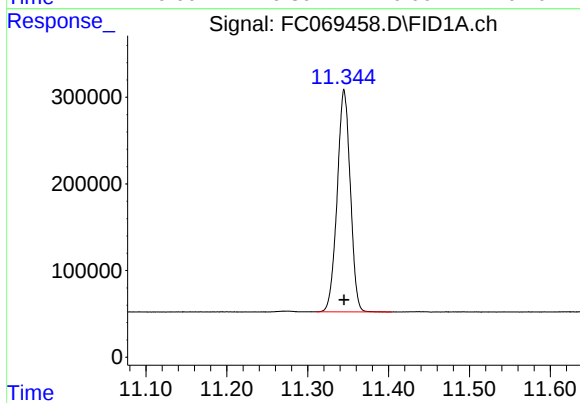
#6 n-Tetradecane (C14)

R.T.: 8.296 min
Delta R.T.: 0.000 min
Response: 2906169
Conc: 20.44 ug/ml



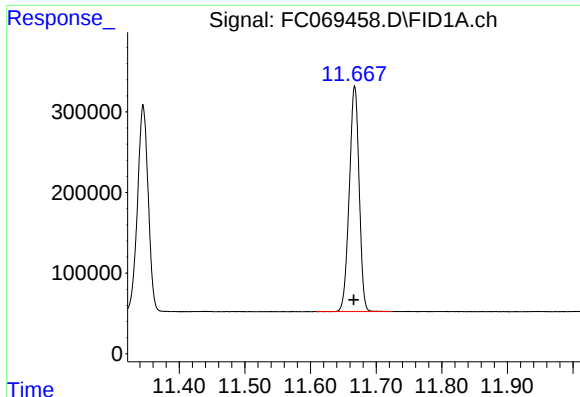
#7 n-Hexadecane (C16)

R.T.: 9.900 min
Delta R.T.: 0.000 min
Response: 2954611
Conc: 20.24 ug/ml



#8 n-Octadecane (C18)

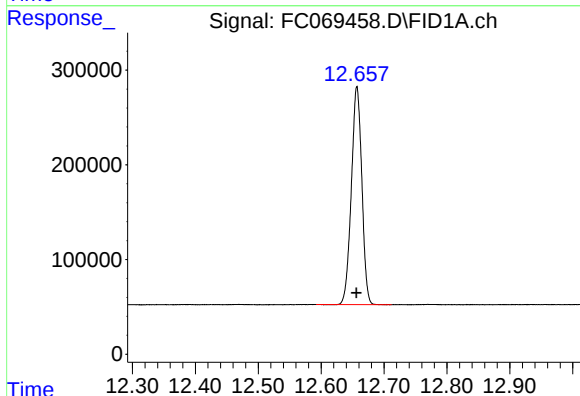
R.T.: 11.345 min
Delta R.T.: 0.000 min
Response: 2890991
Conc: 20.10 ug/ml



#9 ortho-Terphenyl (SURR)

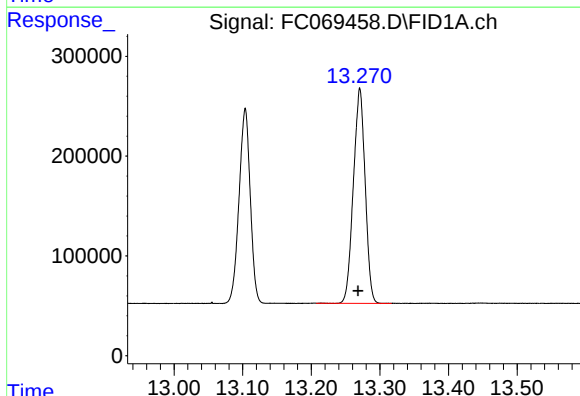
R.T.: 11.667 min
Delta R.T.: 0.001 min
Response: 2919867
Conc: 19.68 ug/ml

Instrument :
FID_C
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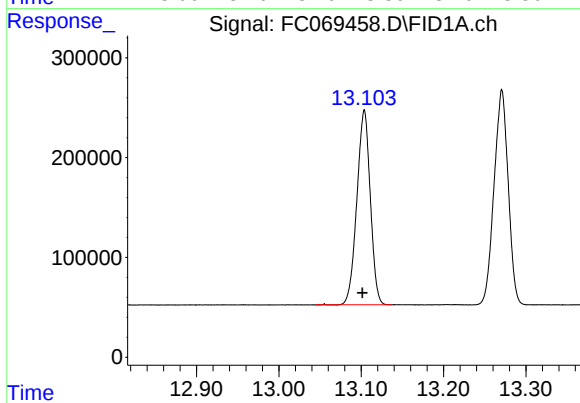
#10 n-Eicosane (C20)

R.T.: 12.657 min
Delta R.T.: 0.001 min
Response: 2668120
Conc: 19.87 ug/ml



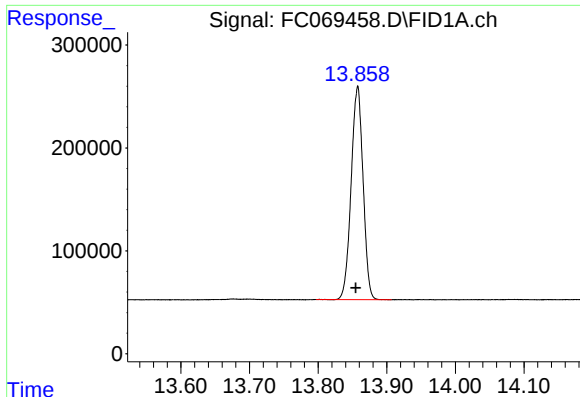
#11 n-Heneicosane (C21)

R.T.: 13.271 min
Delta R.T.: 0.002 min
Response: 2568532
Conc: 19.77 ug/ml



#12 1-chlorooctadecane (SURR)

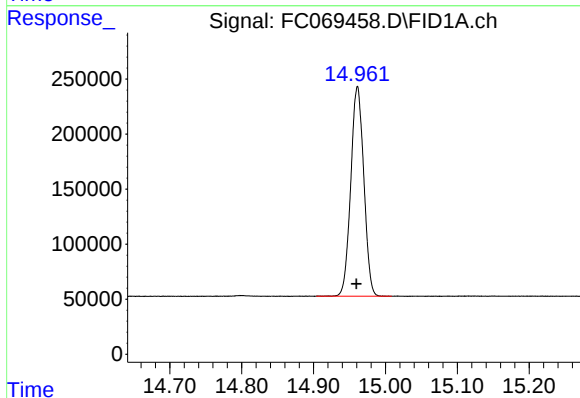
R.T.: 13.104 min
Delta R.T.: 0.002 min
Response: 2208468
Conc: 19.54 ug/ml



#13 n-Docosane (C22)

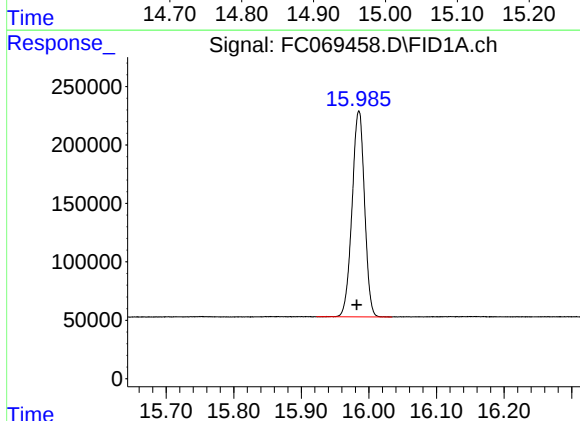
R.T.: 13.857 min
Delta R.T.: 0.003 min
Response: 2502715
Conc: 19.70 ug/ml

Instrument :
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ClientSampleId :
20 PPM ALIPHATIC HC STD



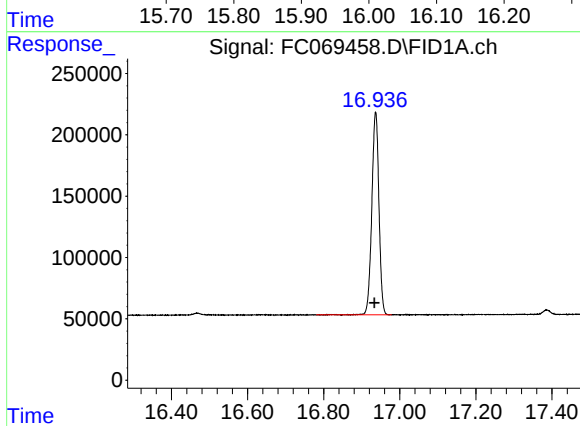
#14 n-Tetracosane (C24)

R.T.: 14.961 min
Delta R.T.: 0.002 min
Response: 2394954
Conc: 19.62 ug/ml



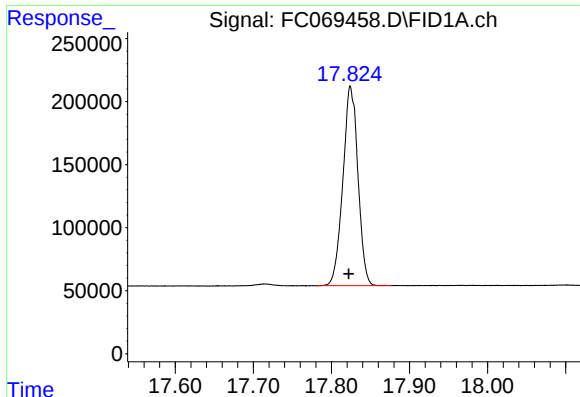
#15 n-Hexacosane (C26)

R.T.: 15.985 min
Delta R.T.: 0.003 min
Response: 2260549
Conc: 19.46 ug/ml



#16 n-Octacosane (C28)

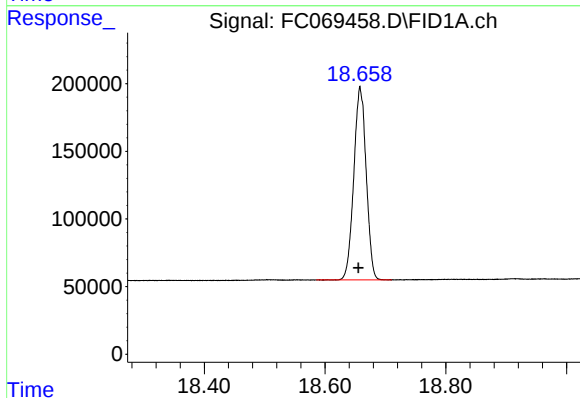
R.T.: 16.937 min
Delta R.T.: 0.003 min
Response: 2145290
Conc: 19.38 ug/ml



#17 n-Tricontane (C30)

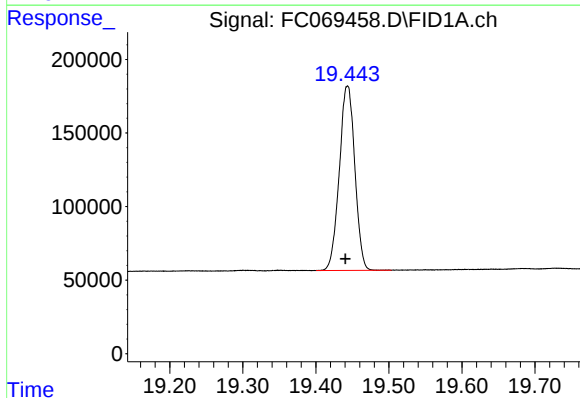
R.T.: 17.825 min
Delta R.T.: 0.003 min
Response: 2118794
Conc: 19.35 ug/ml

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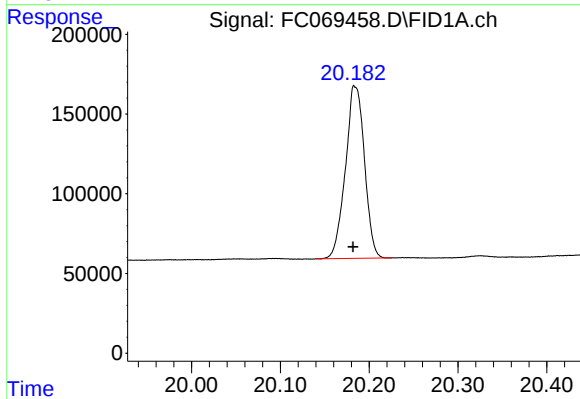
#18 n-Dotriacontane (C32)

R.T.: 18.658 min
Delta R.T.: 0.003 min
Response: 2029743
Conc: 19.56 ug/ml



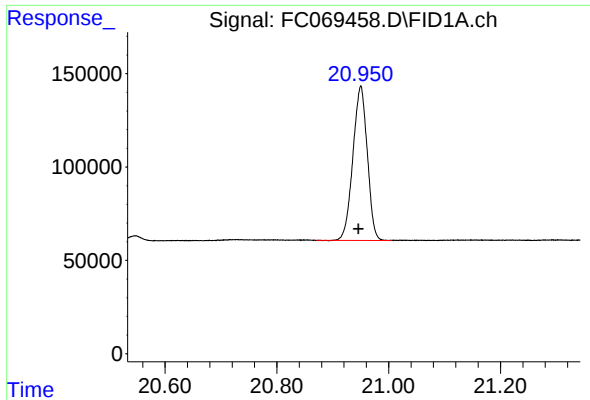
#19 n-Tetratriacontane (C34)

R.T.: 19.443 min
Delta R.T.: 0.003 min
Response: 1853548
Conc: 19.67 ug/ml



#20 n-Hexatriacontane (C36)

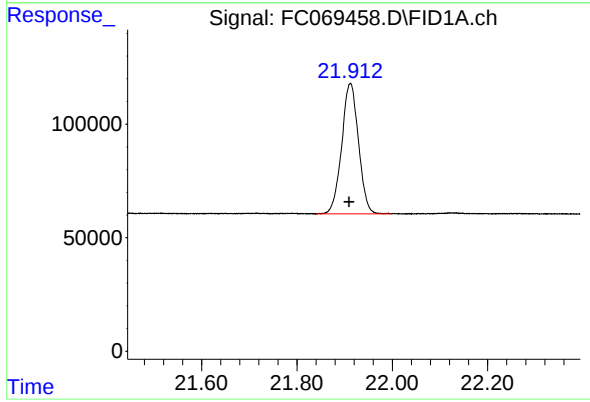
R.T.: 20.185 min
Delta R.T.: 0.003 min
Response: 1610971
Conc: 19.50 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.950 min
Delta R.T.: 0.004 min
Response: 1473709
Conc: 19.40 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.912 min
Delta R.T.: 0.003 min
Response: 1402347
Conc: 19.15 ug/ml