

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC100925AL\
 Data File : FC069959.D
 Signal(s) : FID1A.ch
 Acq On : 08 Oct 2025 08:40
 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: Oct 09 05:27:37 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 100725.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 07 09:35:40 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)	11.644	3462839	19.720 ug/ml
Spiked Amount 50.000		Recovery =	39.44%
12) S 1-chlorooctadecane (S...	13.079	2669216	19.664 ug/ml
Spiked Amount 50.000		Recovery =	39.33%
Target Compounds			
1) T n-Nonane (C9)	3.384	2747113	20.006 ug/ml
2) T n-Decane (C10)	4.455	2887982	20.089 ug/ml
3) T A~Naphthalene (C11.7)	6.048	3249845	20.108 ug/ml
4) T n-Dodecane (C12)	6.478	3055058	19.932 ug/ml
5) T A~2-methylnaphthalene...	7.106	3210601	20.123 ug/ml
6) T n-Tetradecane (C14)	8.275	3164647	19.898 ug/ml
7) T n-Hexadecane (C16)	9.879	3345967	19.855 ug/ml
8) T n-Octadecane (C18)	11.322	3363714	19.771 ug/ml
10) T n-Eicosane (C20)	12.633	3157989	19.684 ug/ml
11) T n-Heneicosane (C21)	13.246	3051897	19.655 ug/ml
13) T n-Docosane (C22)	13.832	2978816	19.356 ug/ml
14) T n-Tetracosane (C24)	14.937	2851156	18.803 ug/ml
15) T n-Hexacosane (C26)	15.959	2680926	18.522 ug/ml
16) T n-Octacosane (C28)	16.910	2546229	18.410 ug/ml
17) T n-Tricontane (C30)	17.797	2618178	19.176 ug/ml
18) T n-Dotriacontane (C32)	18.632	2493126	19.337 ug/ml
19) T n-Tetratriacontane (C34)	19.416	2256451	19.776 ug/ml
20) T n-Hexatriacontane (C36)	20.156	1945792	20.120 ug/ml
21) T n-Octatriacontane (C38)	20.914	1742776	19.995 ug/ml
22) T n-Tetracontane (C40)	21.866	1651932	20.106 ug/ml

(f)=RT Delta > 1/2 Window

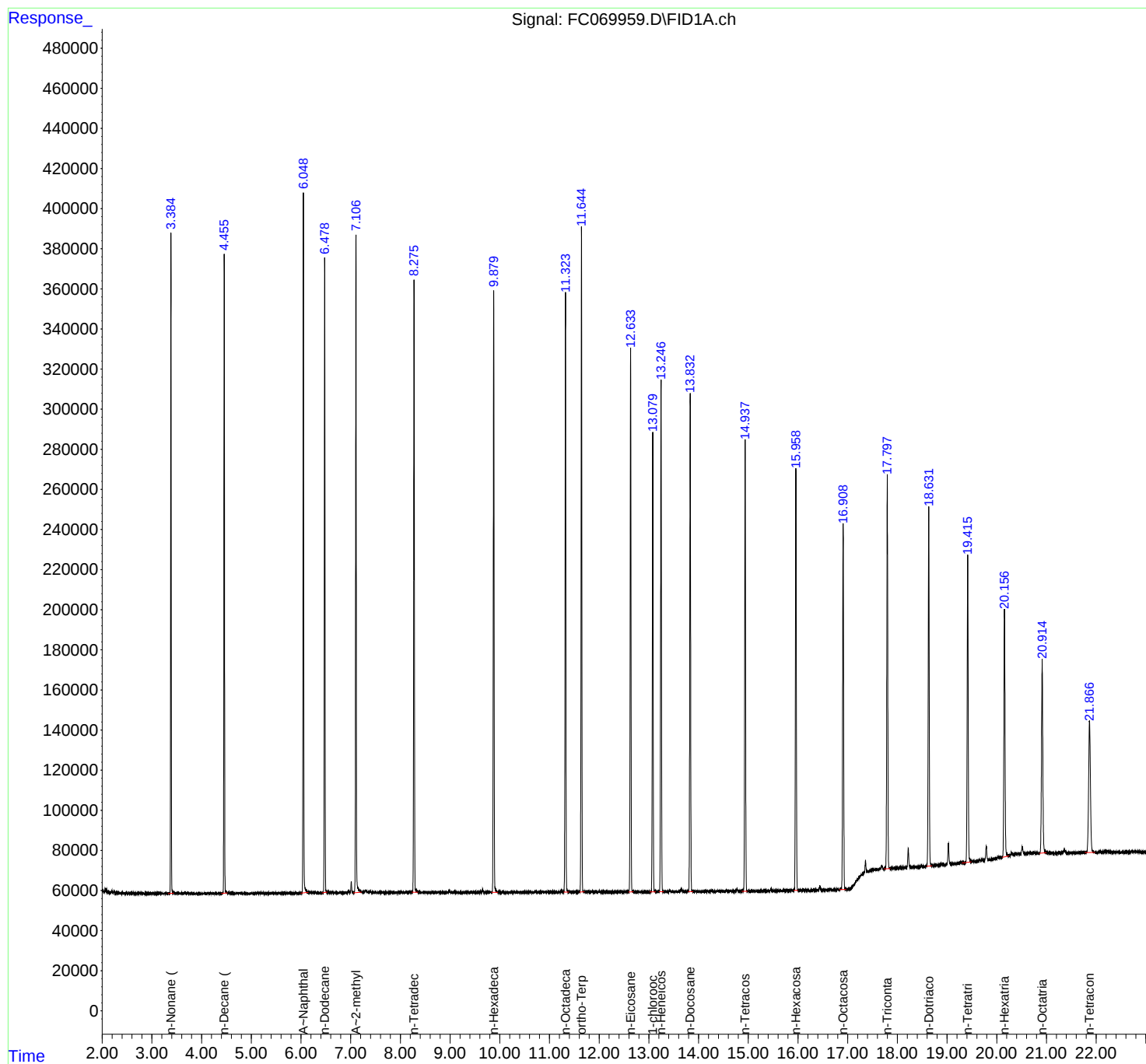
(m)=manual int.

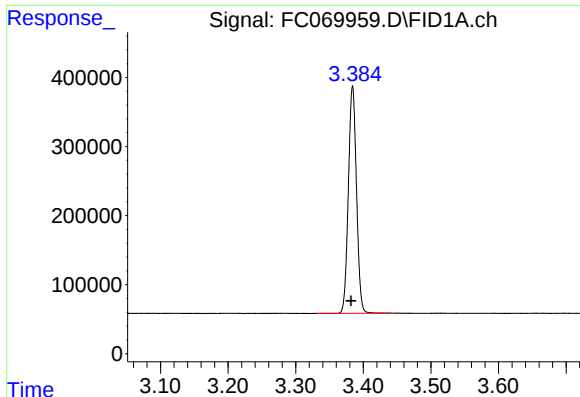
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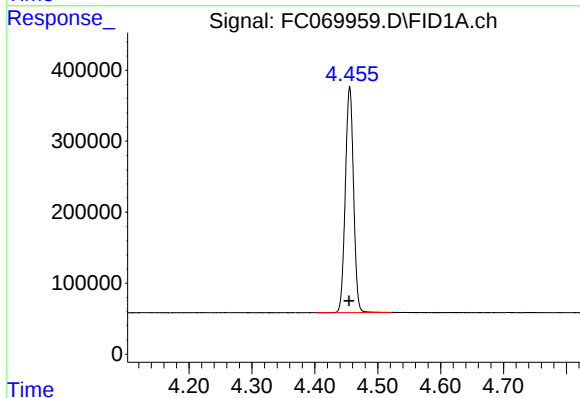




#1 n-Nonane (C9)

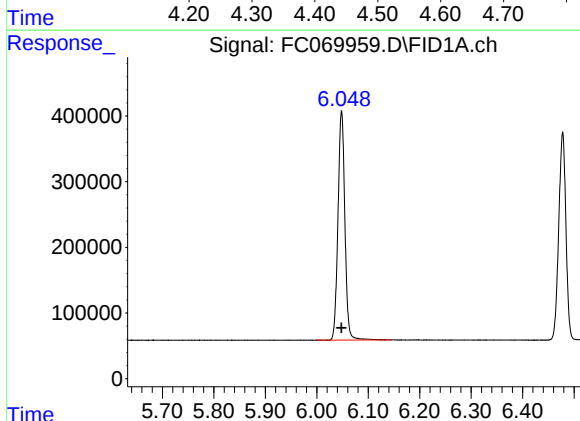
R.T.: 3.384 min
Delta R.T.: 0.002 min
Response: 2747113
Conc: 20.01 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



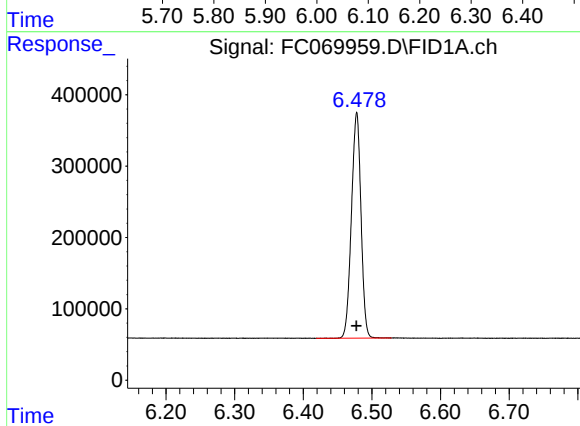
#2 n-Decane (C10)

R.T.: 4.455 min
Delta R.T.: 0.000 min
Response: 2887982
Conc: 20.09 ug/ml



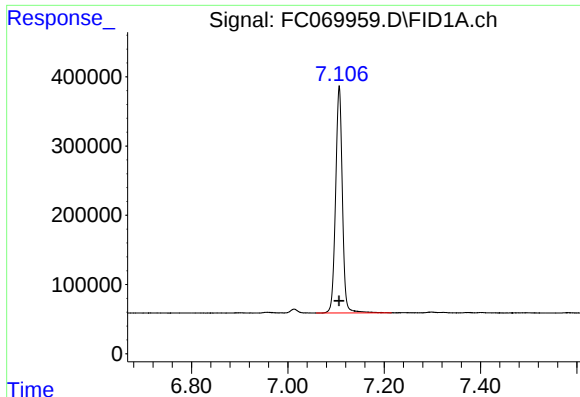
#3 A~Naphthalene (C11.7)

R.T.: 6.048 min
Delta R.T.: 0.000 min
Response: 3249845
Conc: 20.11 ug/ml



#4 n-Dodecane (C12)

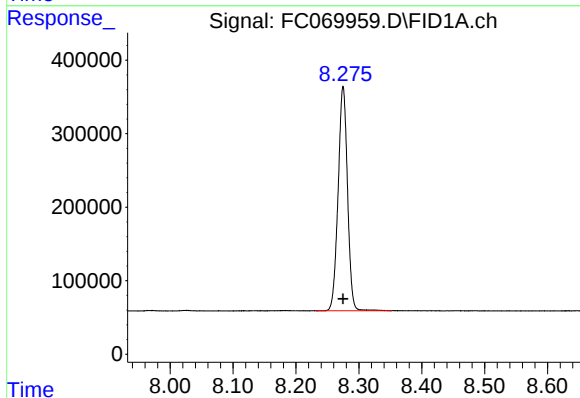
R.T.: 6.478 min
Delta R.T.: 0.000 min
Response: 3055058
Conc: 19.93 ug/ml



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

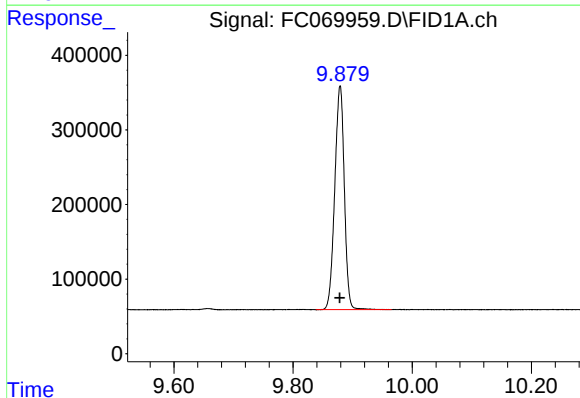
R.T.: 7.106 min
Delta R.T.: 0.000 min
Response: 3210601
Conc: 20.12 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



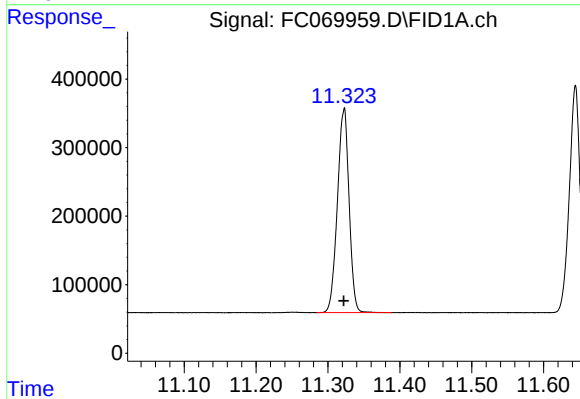
#6 n-Tetradecane (C14)

R.T.: 8.275 min
Delta R.T.: 0.000 min
Response: 3164647
Conc: 19.90 ug/ml



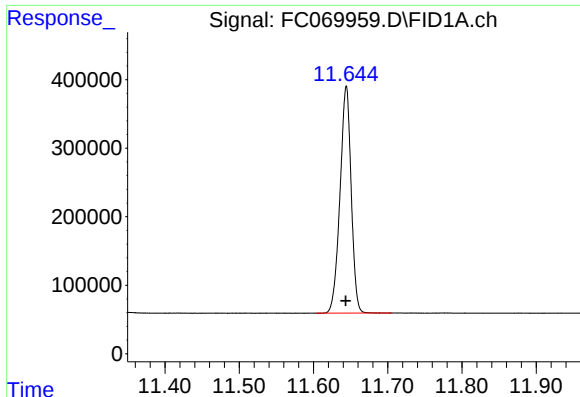
#7 n-Hexadecane (C16)

R.T.: 9.879 min
Delta R.T.: 0.000 min
Response: 3345967
Conc: 19.85 ug/ml



#8 n-Octadecane (C18)

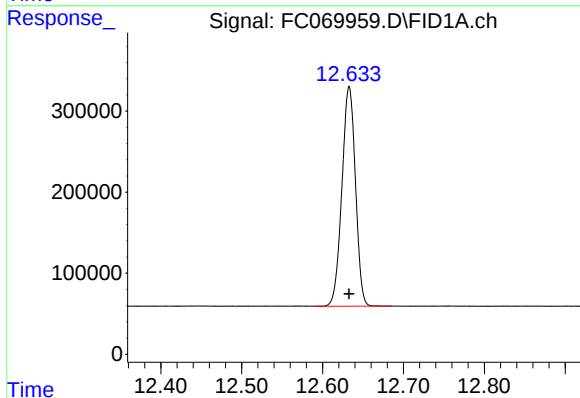
R.T.: 11.322 min
Delta R.T.: 0.000 min
Response: 3363714
Conc: 19.77 ug/ml



#9 ortho-Terphenyl (SURR)

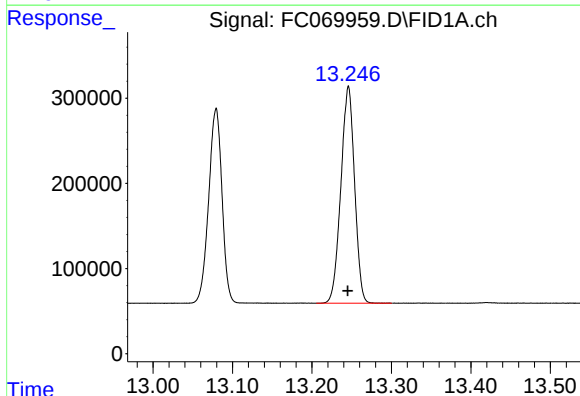
R.T.: 11.644 min
Delta R.T.: 0.000 min
Response: 3462839
Conc: 19.72 ug/ml

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FID_C
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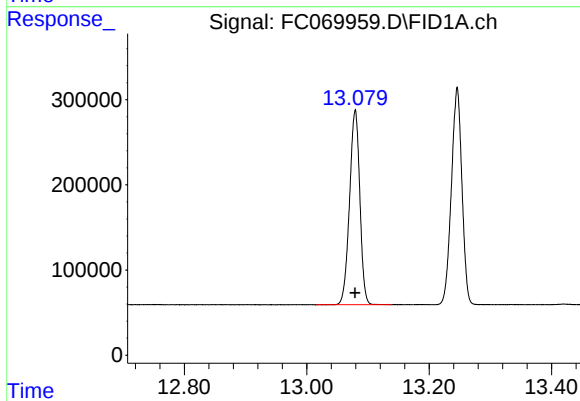
#10 n-Eicosane (C20)

R.T.: 12.633 min
Delta R.T.: 0.000 min
Response: 3157989
Conc: 19.68 ug/ml



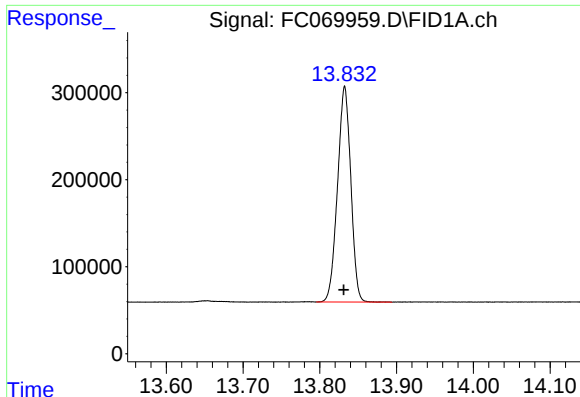
#11 n-Heneicosane (C21)

R.T.: 13.246 min
Delta R.T.: 0.000 min
Response: 3051897
Conc: 19.65 ug/ml



#12 1-chlorooctadecane (SURR)

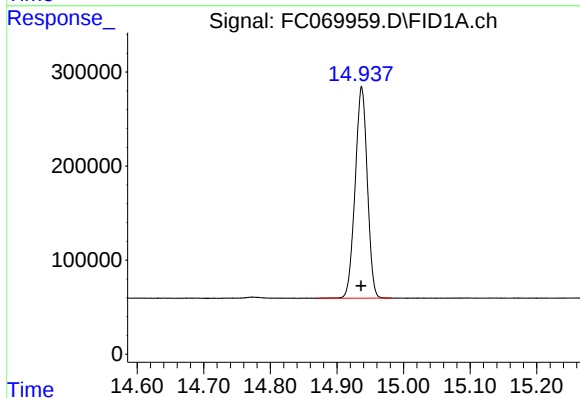
R.T.: 13.079 min
Delta R.T.: 0.000 min
Response: 2669216
Conc: 19.66 ug/ml



#13 n-Docosane (C22)

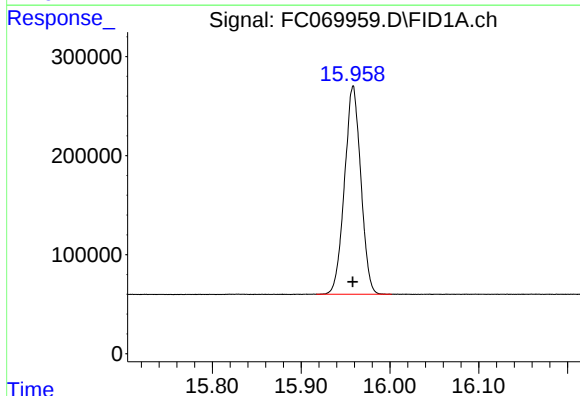
R.T.: 13.832 min
Delta R.T.: 0.001 min
Response: 2978816
Conc: 19.36 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



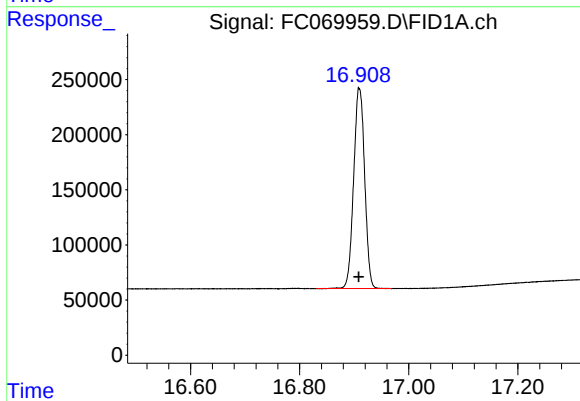
#14 n-Tetracosane (C24)

R.T.: 14.937 min
Delta R.T.: 0.000 min
Response: 2851156
Conc: 18.80 ug/ml



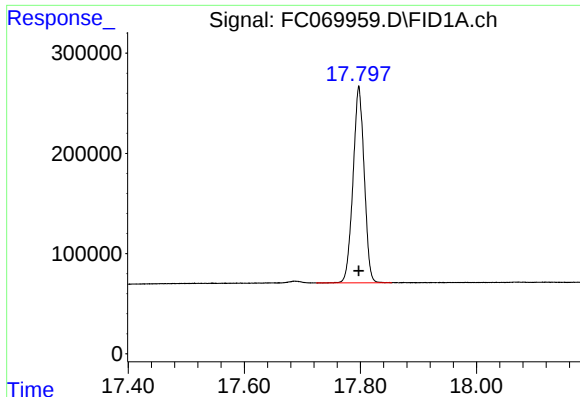
#15 n-Hexacosane (C26)

R.T.: 15.959 min
Delta R.T.: 0.000 min
Response: 2680926
Conc: 18.52 ug/ml



#16 n-Octacosane (C28)

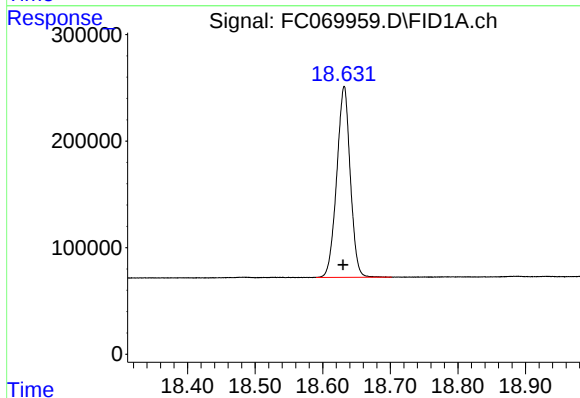
R.T.: 16.910 min
Delta R.T.: 0.001 min
Response: 2546229
Conc: 18.41 ug/ml



#17 n-Tricontane (C30)

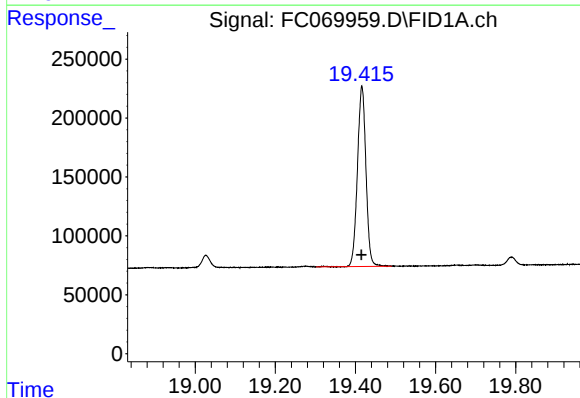
R.T.: 17.797 min
Delta R.T.: 0.000 min
Response: 2618178
Conc: 19.18 ug/ml

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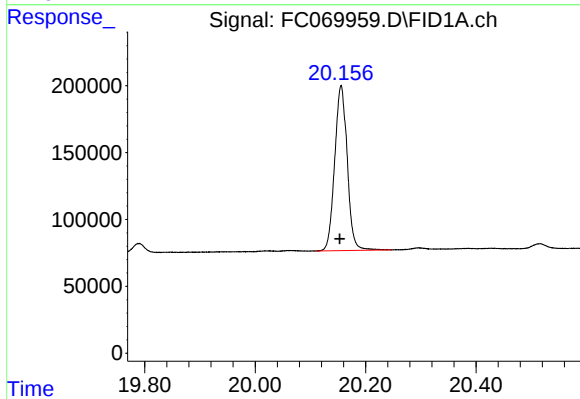
#18 n-Dotriacontane (C32)

R.T.: 18.632 min
Delta R.T.: 0.001 min
Response: 2493126
Conc: 19.34 ug/ml



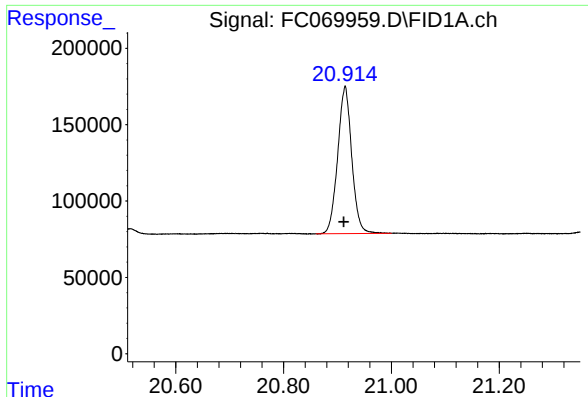
#19 n-Tetratriacontane (C34)

R.T.: 19.416 min
Delta R.T.: 0.000 min
Response: 2256451
Conc: 19.78 ug/ml



#20 n-Hexatriacontane (C36)

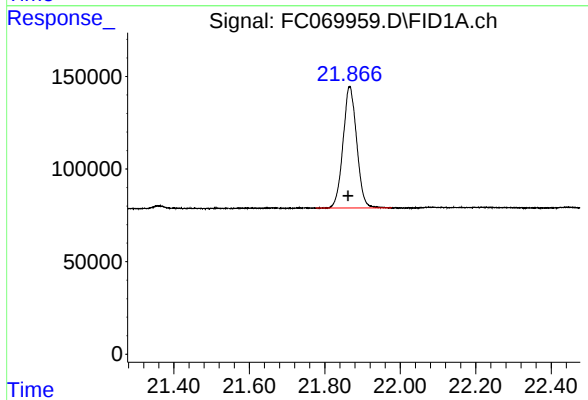
R.T.: 20.156 min
Delta R.T.: 0.002 min
Response: 1945792
Conc: 20.12 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.914 min
Delta R.T.: 0.002 min
Response: 1742776
Conc: 20.00 ug/ml

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FID_C
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.866 min
Delta R.T.: 0.004 min
Response: 1651932
Conc: 20.11 ug/ml