

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC012725AL\
 Data File : FC068129.D
 Signal(s) : FID1A.ch
 Acq On : 27 Jan 2025 12:00
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Jan 28 02:57:02 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 012425.M
 Quant Title : GC Extractables
 QLast Update : Sat Jan 25 04:31:18 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)	11.426	2887977	18.481 ug/ml
Spiked Amount 50.000		Recovery =	36.96%
12) S 1-chlorooctadecane (S...	12.866	2132923	18.547 ug/ml
Spiked Amount 50.000		Recovery =	37.09%
Target Compounds			
1) T n-Nonane (C9)	3.232	2543583	18.575 ug/ml
2) T n-Decane (C10)	4.290	2613522	18.825 ug/ml
3) T A~Naphthalene (C11.7)	5.859	2832749	18.869 ug/ml
4) T n-Dodecane (C12)	6.298	2617347	18.736 ug/ml
5) T A~2-methylnaphthalene...	6.911	2721958	18.951 ug/ml
6) T n-Tetradecane (C14)	8.086	2565658	18.799 ug/ml
7) T n-Hexadecane (C16)	9.682	2606996	18.762 ug/ml
8) T n-Octadecane (C18)	11.120	2604571	18.615 ug/ml
10) T n-Eicosane (C20)	12.426	2479449	18.531 ug/ml
11) T n-Heneicosane (C21)	13.036	2421726	18.439 ug/ml
13) T n-Docosane (C22)	13.620	2392393	18.469 ug/ml
14) T n-Tetracosane (C24)	14.721	2356286	18.353 ug/ml
15) T n-Hexacosane (C26)	15.739	2313043	18.381 ug/ml
16) T n-Octacosane (C28)	16.687	2313924	18.501 ug/ml
17) T n-Tricontane (C30)	17.572	2436332	18.849 ug/ml
18) T n-Dotriacontane (C32)	18.403	2382552	19.059 ug/ml
19) T n-Tetratriacontane (C34)	19.185	2078140	19.158 ug/ml
20) T n-Hexatriacontane (C36)	19.923	1760549	19.024 ug/ml
21) T n-Octatriacontane (C38)	20.638	1638910	19.126 ug/ml
22) T n-Tetracontane (C40)	21.500	1561979	19.317 ug/ml

(f)=RT Delta > 1/2 Window

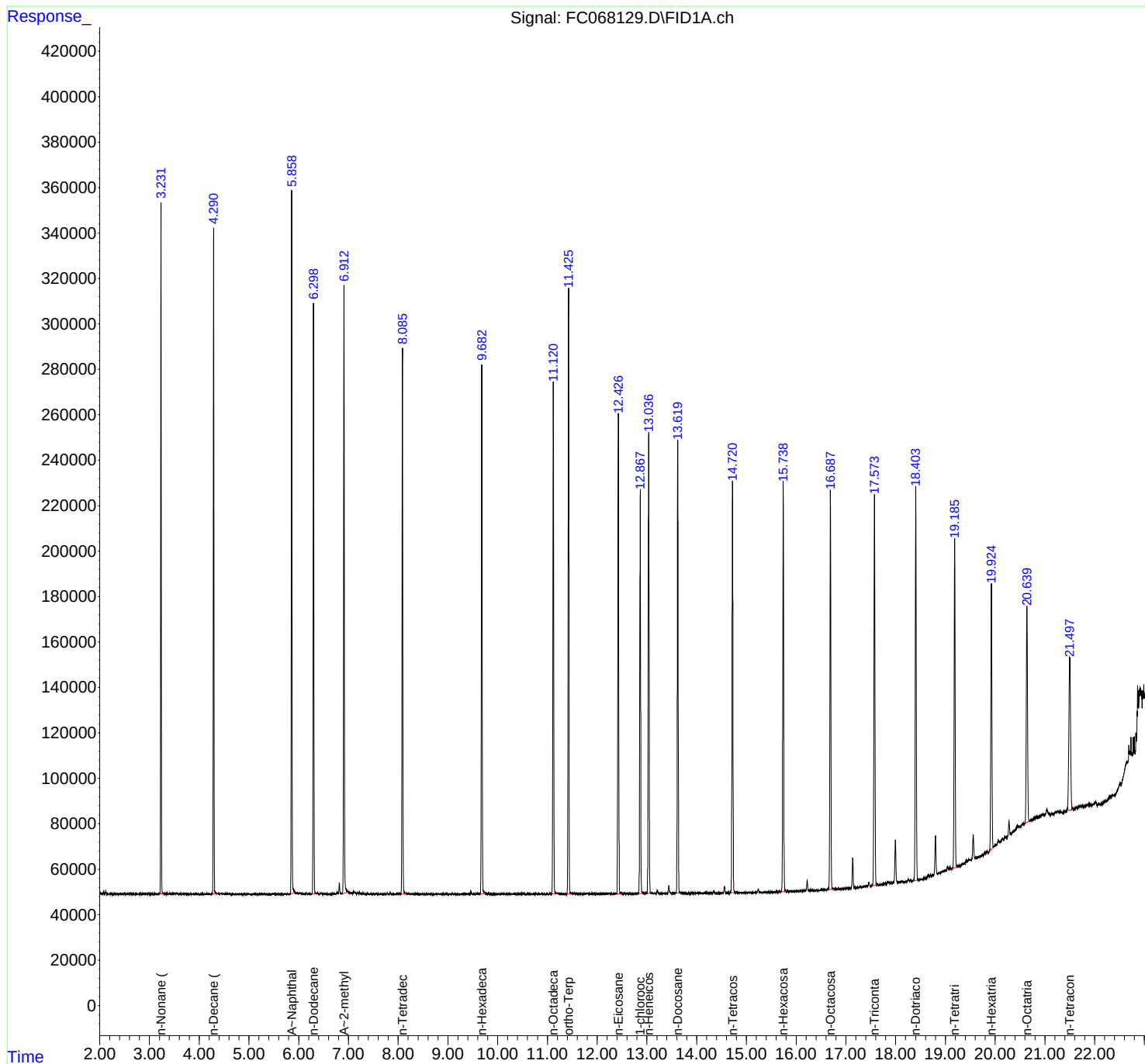
(m)=manual int.

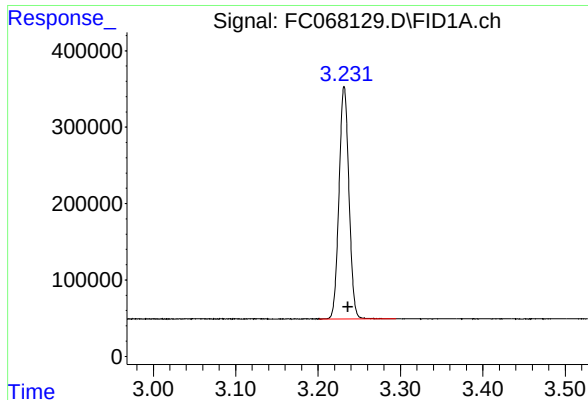
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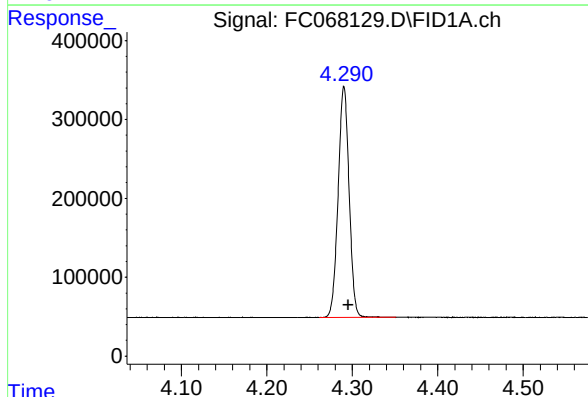




#1 n-Nonane (C9)

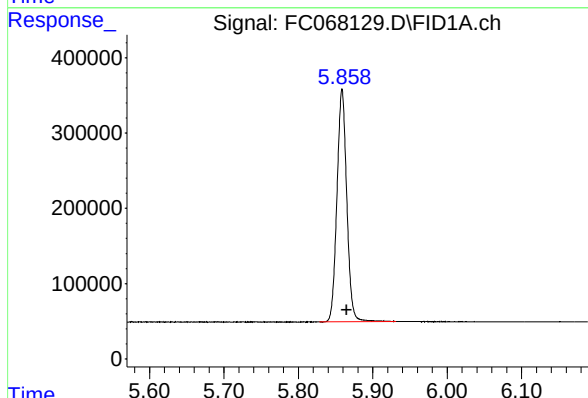
R.T.: 3.232 min
Delta R.T.: -0.004 min
Response: 2543583
Conc: 18.58 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



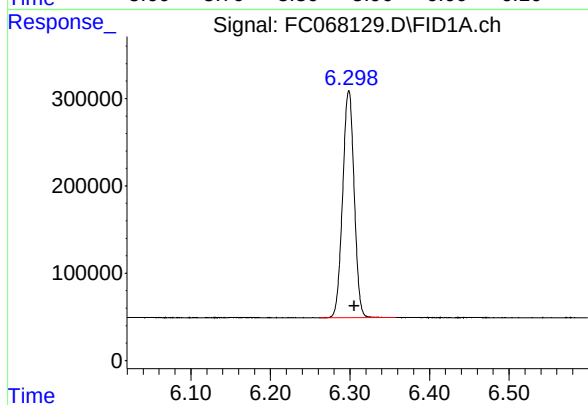
#2 n-Decane (C10)

R.T.: 4.290 min
Delta R.T.: -0.005 min
Response: 2613522
Conc: 18.83 ug/ml



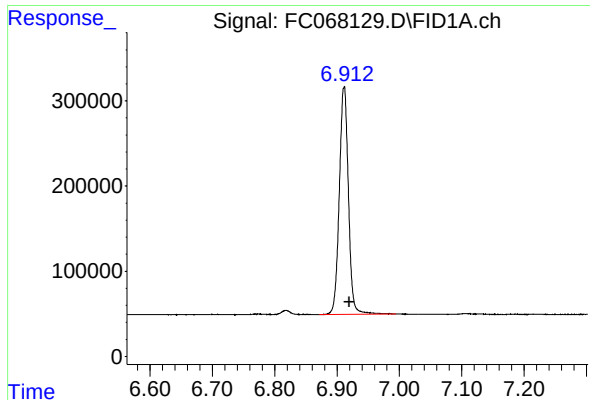
#3 A~Naphthalene (C11.7)

R.T.: 5.859 min
Delta R.T.: -0.006 min
Response: 2832749
Conc: 18.87 ug/ml



#4 n-Dodecane (C12)

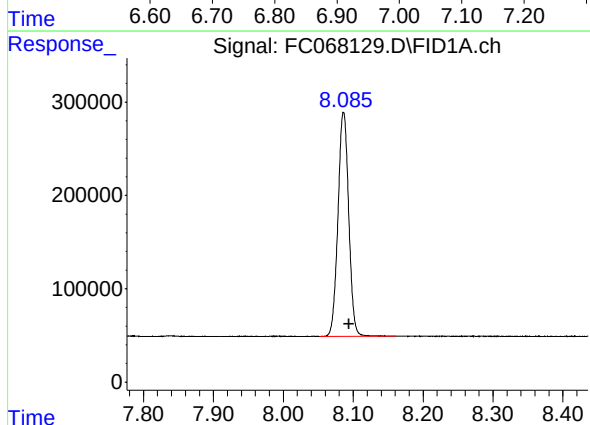
R.T.: 6.298 min
Delta R.T.: -0.007 min
Response: 2617347
Conc: 18.74 ug/ml



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

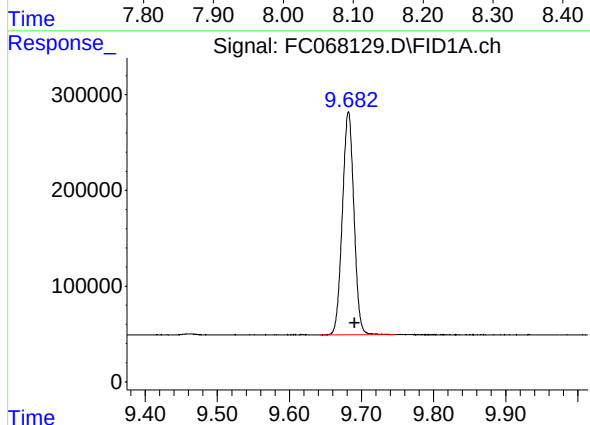
R.T.: 6.911 min
Delta R.T.: -0.008 min
Response: 2721958
Conc: 18.95 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



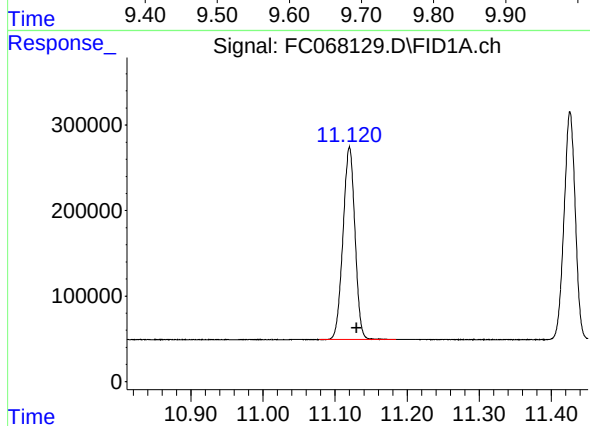
#6 n-Tetradecane (C14)

R.T.: 8.086 min
Delta R.T.: -0.008 min
Response: 2565658
Conc: 18.80 ug/ml



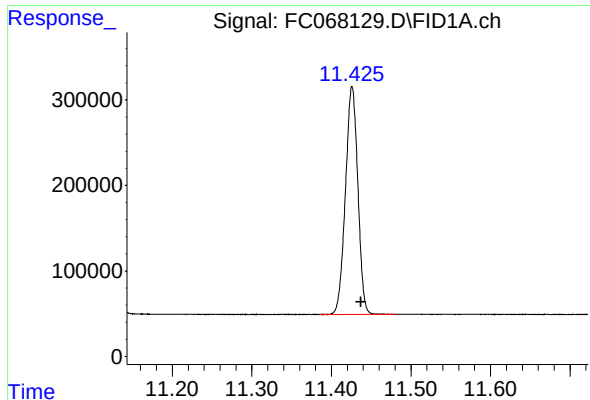
#7 n-Hexadecane (C16)

R.T.: 9.682 min
Delta R.T.: -0.008 min
Response: 2606996
Conc: 18.76 ug/ml



#8 n-Octadecane (C18)

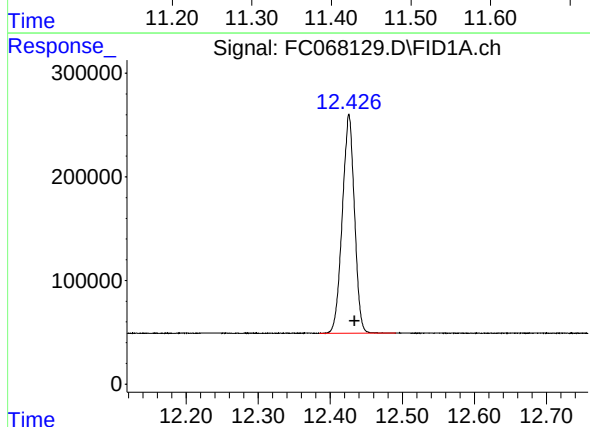
R.T.: 11.120 min
Delta R.T.: -0.010 min
Response: 2604571
Conc: 18.62 ug/ml



#9 ortho-Terphenyl (SURR)

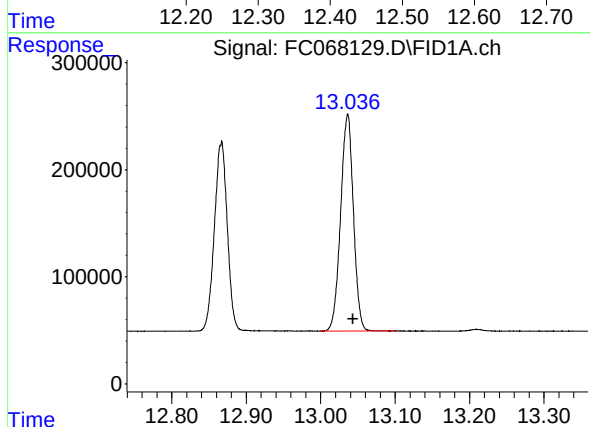
R.T.: 11.426 min
Delta R.T.: -0.011 min
Response: 2887977
Conc: 18.48 ug/ml

Instrument :
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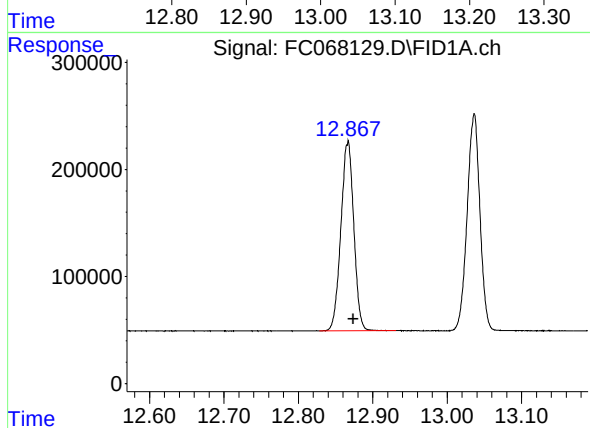
#10 n-Eicosane (C20)

R.T.: 12.426 min
Delta R.T.: -0.008 min
Response: 2479449
Conc: 18.53 ug/ml



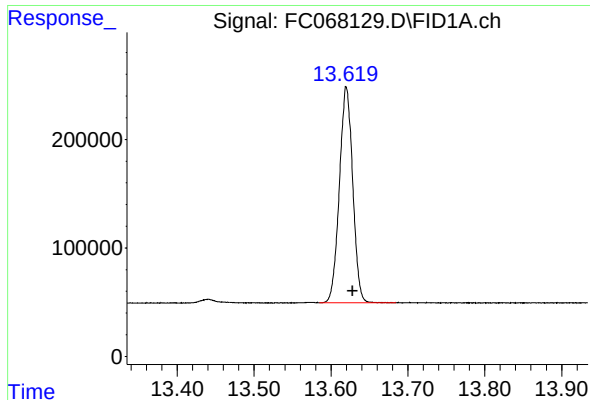
#11 n-Heneicosane (C21)

R.T.: 13.036 min
Delta R.T.: -0.008 min
Response: 2421726
Conc: 18.44 ug/ml



#12 1-chlorooctadecane (SURR)

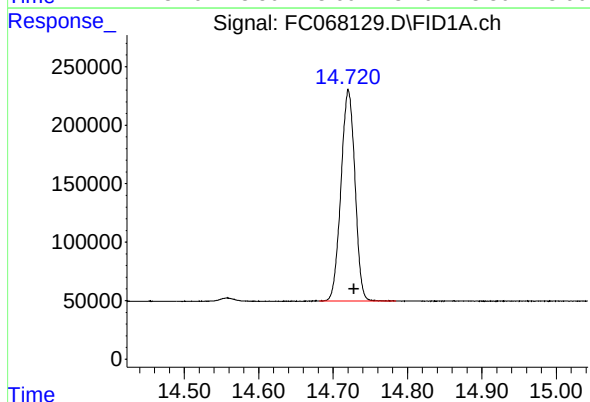
R.T.: 12.866 min
Delta R.T.: -0.007 min
Response: 2132923
Conc: 18.55 ug/ml



#13 n-Docosane (C22)

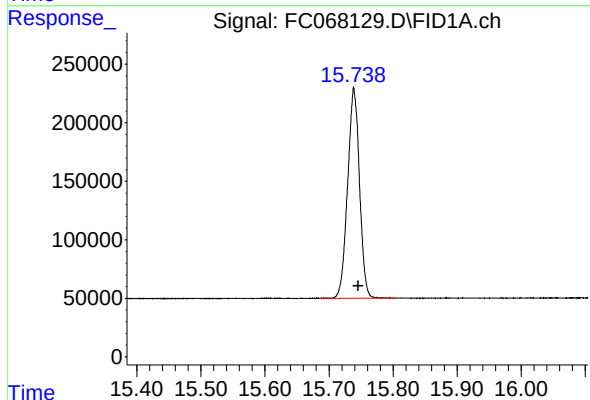
R.T.: 13.620 min
Delta R.T.: -0.008 min
Response: 2392393
Conc: 18.47 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



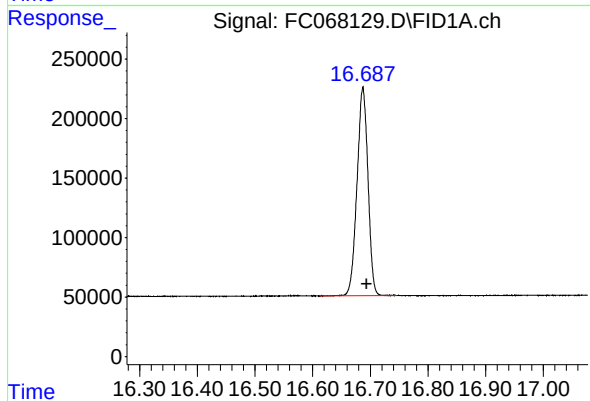
#14 n-Tetracosane (C24)

R.T.: 14.721 min
Delta R.T.: -0.008 min
Response: 2356286
Conc: 18.35 ug/ml



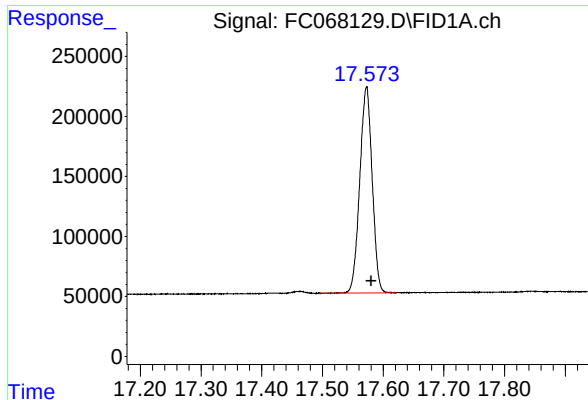
#15 n-Hexacosane (C26)

R.T.: 15.739 min
Delta R.T.: -0.007 min
Response: 2313043
Conc: 18.38 ug/ml



#16 n-Octacosane (C28)

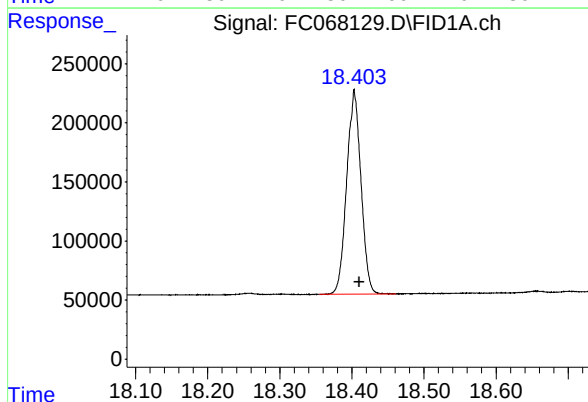
R.T.: 16.687 min
Delta R.T.: -0.006 min
Response: 2313924
Conc: 18.50 ug/ml



#17 n-Tricontane (C30)

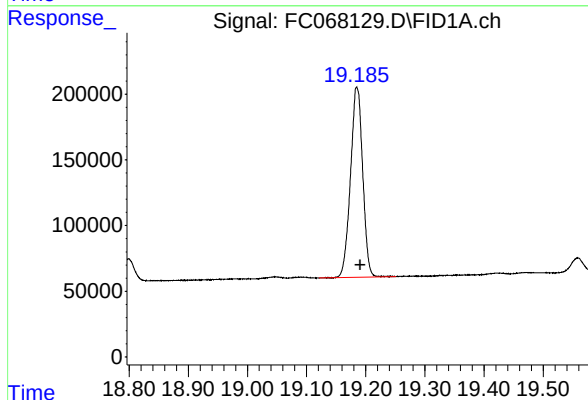
R.T.: 17.572 min
Delta R.T.: -0.008 min
Response: 2436332
Conc: 18.85 ug/ml

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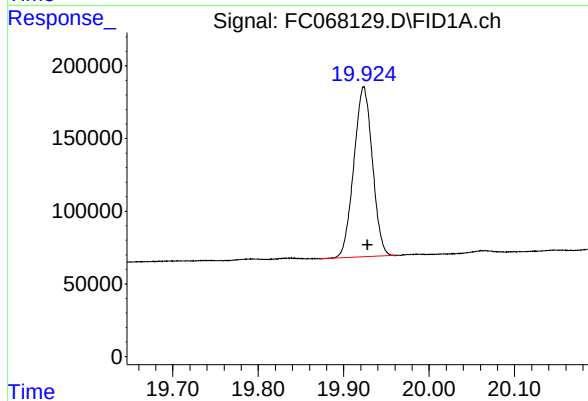
#18 n-Dotriacontane (C32)

R.T.: 18.403 min
Delta R.T.: -0.007 min
Response: 2382552
Conc: 19.06 ug/ml



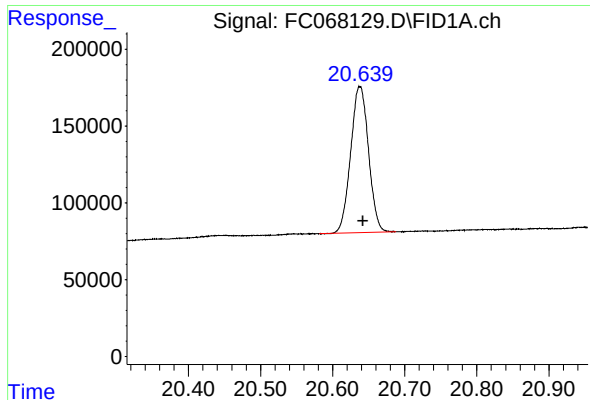
#19 n-Tetratriacontane (C34)

R.T.: 19.185 min
Delta R.T.: -0.006 min
Response: 2078140
Conc: 19.16 ug/ml



#20 n-Hexatriacontane (C36)

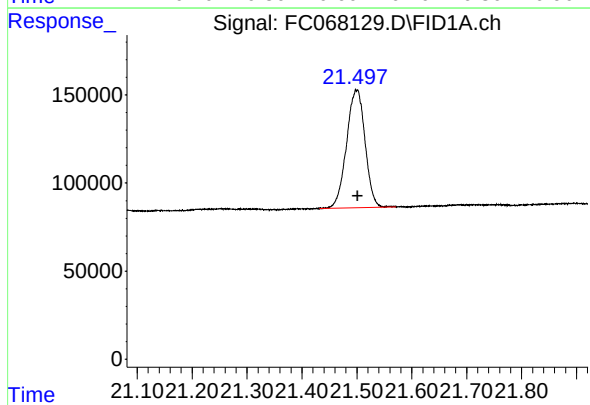
R.T.: 19.923 min
Delta R.T.: -0.005 min
Response: 1760549
Conc: 19.02 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.638 min
Delta R.T.: -0.004 min
Response: 1638910
Conc: 19.13 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.500 min
Delta R.T.: -0.002 min
Response: 1561979
Conc: 19.32 ug/ml