

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC092325AL\
 Data File : FC069828.D
 Signal(s) : FID1A.ch
 Acq On : 23 Sep 2025 12:47
 Operator : YP/AJ
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 10 PPM ALIPHATIC HC STD4

Integration File: autoint1.e
 Quant Time: Sep 23 13:19:22 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 092325.M
 Quant Title : GC Extractables
 QLast Update : Tue Sep 23 13:19:13 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)	11.659	1827092	9.996 ug/ml
Spiked Amount 50.000		Recovery =	19.99%
12) S 1-chlorooctadecane (S...	13.094	1510608	9.915 ug/ml
Spiked Amount 50.000		Recovery =	19.83%
Target Compounds			
1) T n-Nonane (C9)	3.400	1287588	10.243 ug/ml
2) T n-Decane (C10)	4.472	1326423	10.173 ug/ml
3) T A~Naphthalene (C11.7)	6.066	1492245	10.214 ug/ml
4) T n-Dodecane (C12)	6.495	1378664	10.055 ug/ml
5) T A~2-methylnaphthalene...	7.124	1473925	10.127 ug/ml
6) T n-Tetradecane (C14)	8.291	1453833	9.993 ug/ml
7) T n-Hexadecane (C16)	9.894	1605537	9.964 ug/ml
8) T n-Octadecane (C18)	11.337	1715153	9.937 ug/ml
10) T n-Eicosane (C20)	12.648	1724242	9.946 ug/ml
11) T n-Heneicosane (C21)	13.261	1721908	9.934 ug/ml
13) T n-Docosane (C22)	13.847	1730466	9.920 ug/ml
14) T n-Tetracosane (C24)	14.951	1747122	9.908 ug/ml
15) T n-Hexacosane (C26)	15.973	1725760	9.922 ug/ml
16) T n-Octacosane (C28)	16.923	1682895	9.966 ug/ml
17) T n-Tricontane (C30)	17.812	1680498	10.076 ug/ml
18) T n-Dotriacontane (C32)	18.646	1566941	10.160 ug/ml
19) T n-Tetratriacontane (C34)	19.429	1350605	10.080 ug/ml
20) T n-Hexatriacontane (C36)	20.169	1124746	10.333 ug/ml
21) T n-Octatriacontane (C38)	20.929	982164	10.553 ug/ml
22) T n-Tetracontane (C40)	21.889	904610	10.835 ug/ml

(f)=RT Delta > 1/2 Window

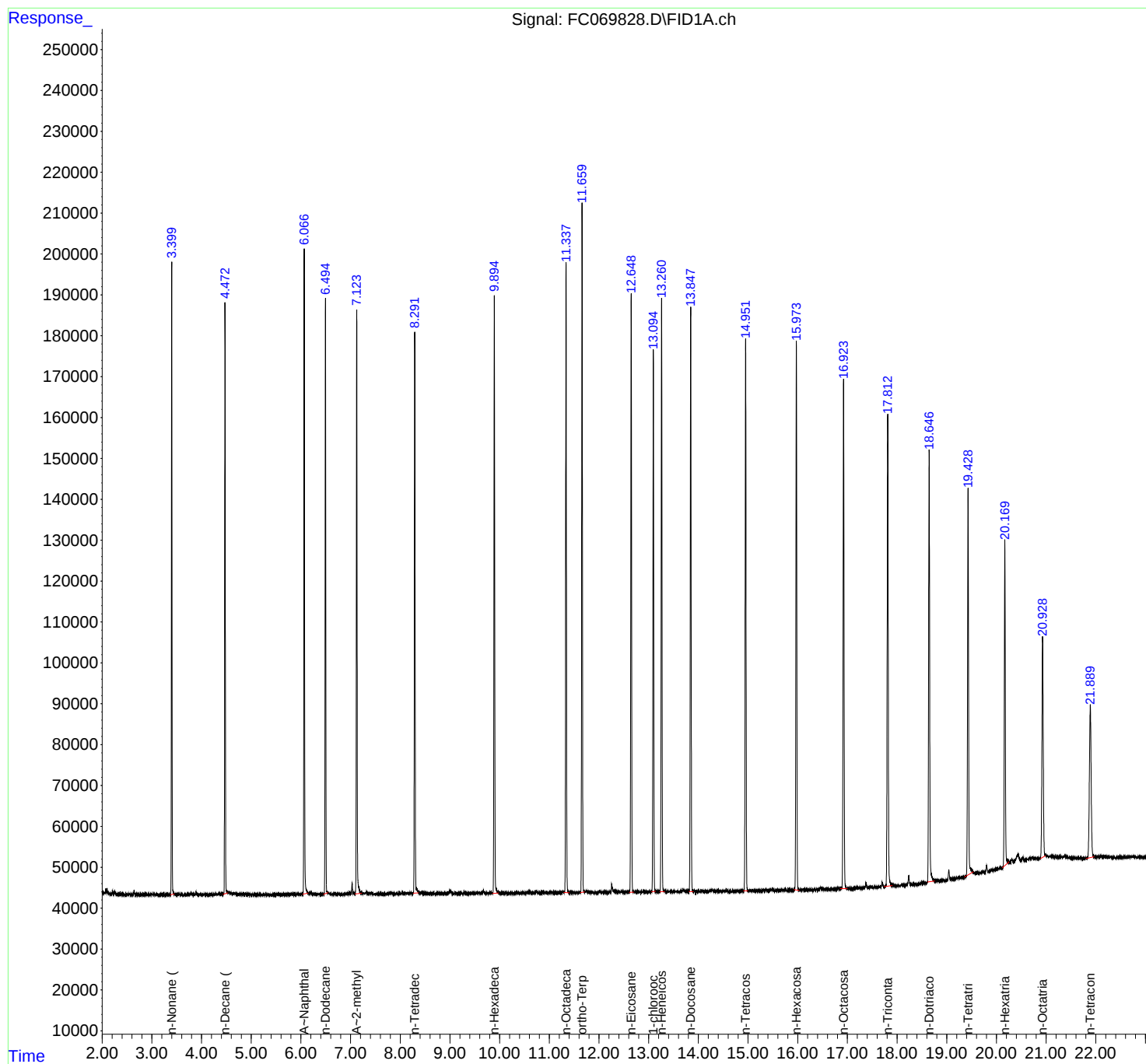
(m)=manual int.

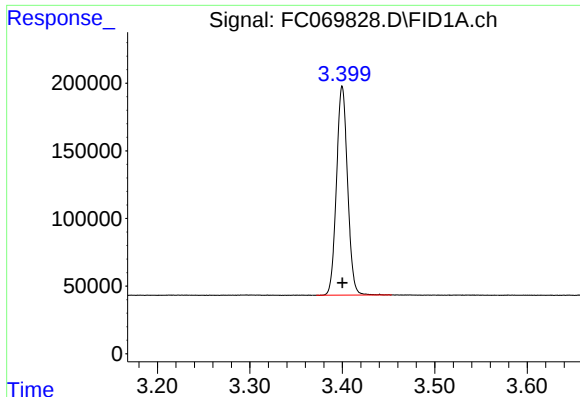
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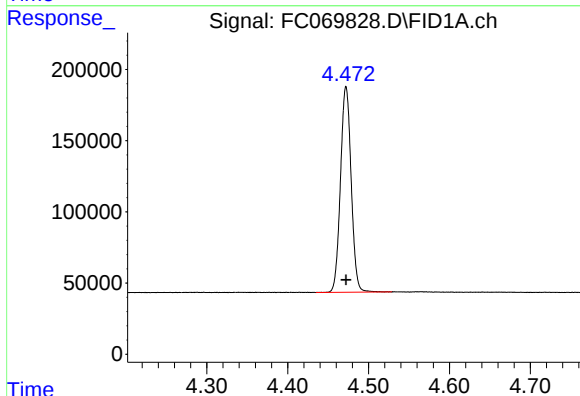




#1 n-Nonane (C9)

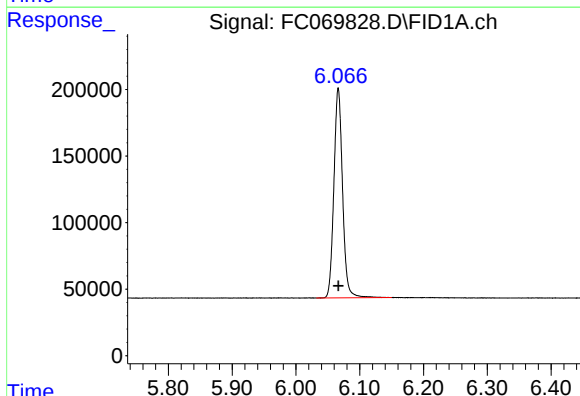
R.T.: 3.400 min
Delta R.T.: 0.000 min
Response: 1287588
Conc: 10.24 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



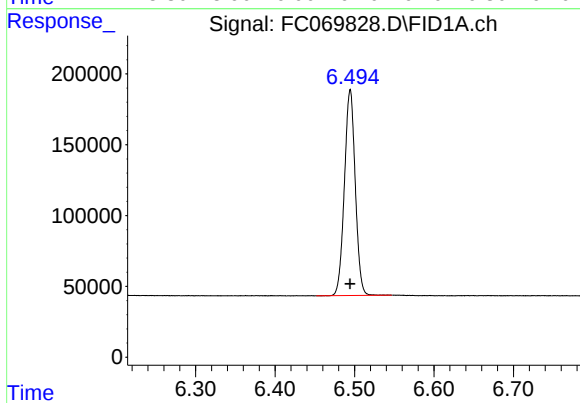
#2 n-Decane (C10)

R.T.: 4.472 min
Delta R.T.: 0.000 min
Response: 1326423
Conc: 10.17 ug/ml



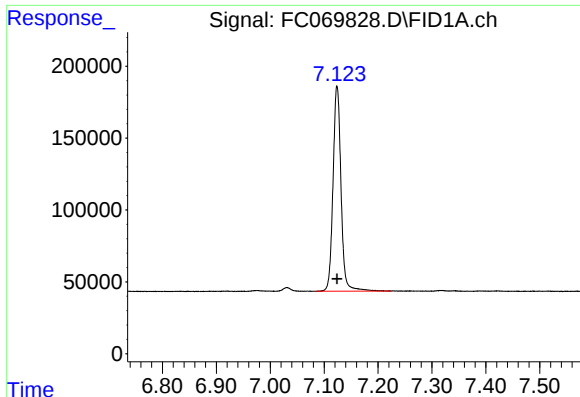
#3 A~Naphthalene (C11.7)

R.T.: 6.066 min
Delta R.T.: 0.000 min
Response: 1492245
Conc: 10.21 ug/ml



#4 n-Dodecane (C12)

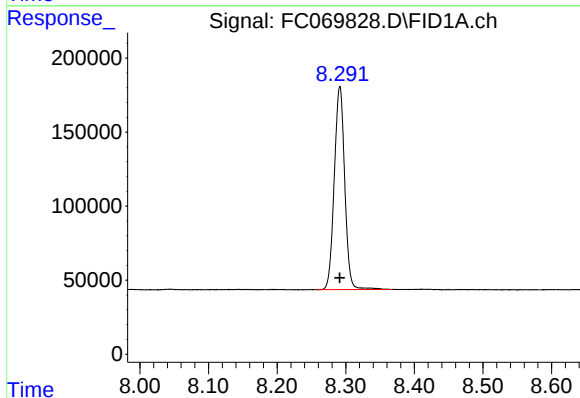
R.T.: 6.495 min
Delta R.T.: 0.000 min
Response: 1378664
Conc: 10.05 ug/ml



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

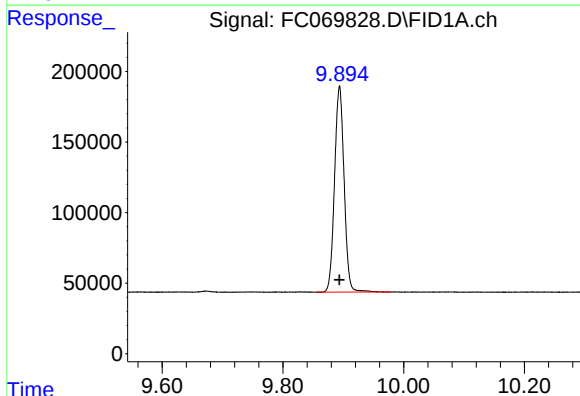
R.T.: 7.124 min
Delta R.T.: 0.000 min
Response: 1473925
Conc: 10.13 ug/ml

Instrument :
FID_C
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10 PPM ALIPHATIC HC STD4



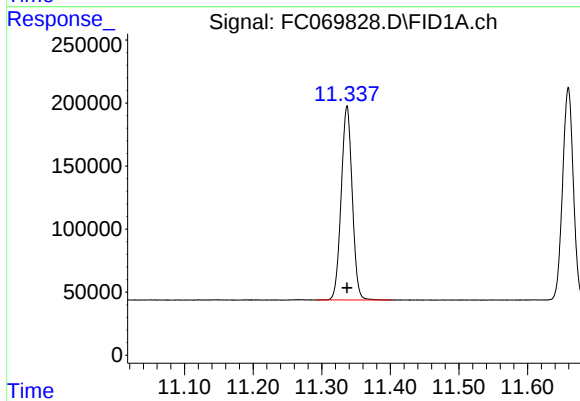
#6 n-Tetradecane (C14)

R.T.: 8.291 min
Delta R.T.: 0.000 min
Response: 1453833
Conc: 9.99 ug/ml



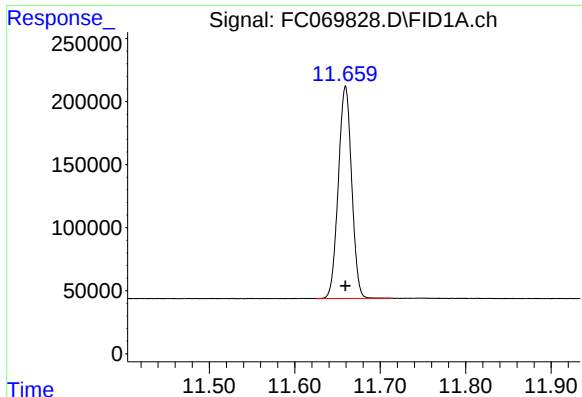
#7 n-Hexadecane (C16)

R.T.: 9.894 min
Delta R.T.: 0.000 min
Response: 1605537
Conc: 9.96 ug/ml



#8 n-Octadecane (C18)

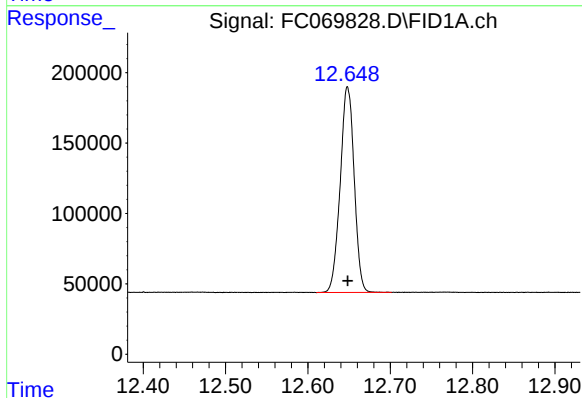
R.T.: 11.337 min
Delta R.T.: 0.000 min
Response: 1715153
Conc: 9.94 ug/ml



#9 ortho-Terphenyl (SURR)

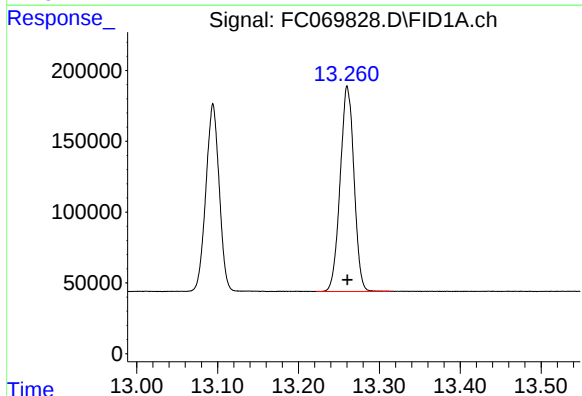
R.T.: 11.659 min
Delta R.T.: 0.000 min
Response: 1827092
Conc: 10.00 ug/ml

Instrument :
FID_C
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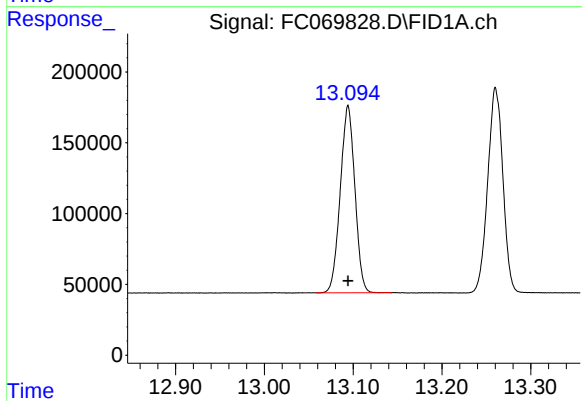
#10 n-Eicosane (C20)

R.T.: 12.648 min
Delta R.T.: 0.000 min
Response: 1724242
Conc: 9.95 ug/ml



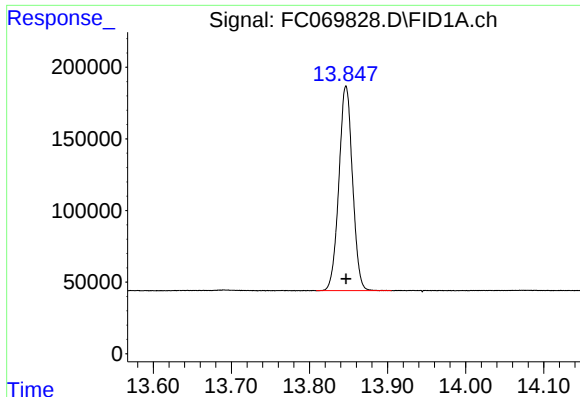
#11 n-Heneicosane (C21)

R.T.: 13.261 min
Delta R.T.: 0.000 min
Response: 1721908
Conc: 9.93 ug/ml



#12 1-chlorooctadecane (SURR)

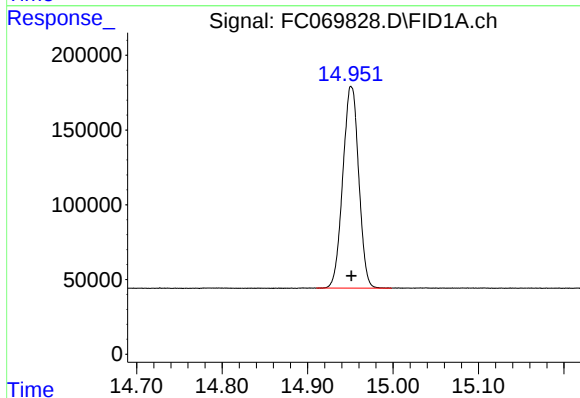
R.T.: 13.094 min
Delta R.T.: 0.000 min
Response: 1510608
Conc: 9.92 ug/ml



#13 n-Docosane (C22)

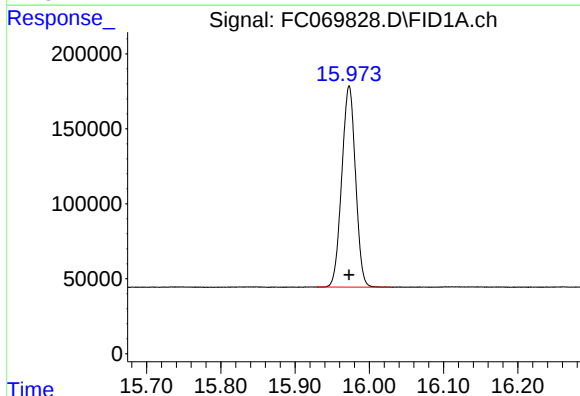
R.T.: 13.847 min
Delta R.T.: 0.000 min
Response: 1730466
Conc: 9.92 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



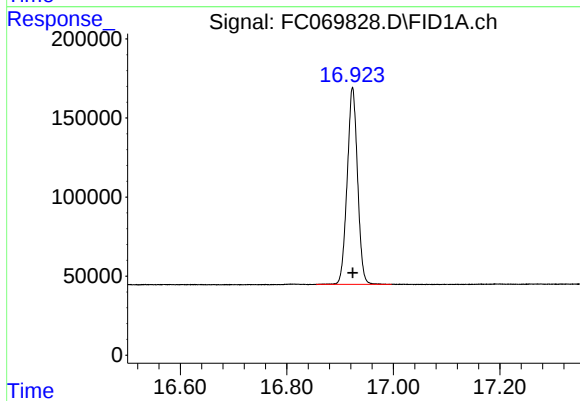
#14 n-Tetracosane (C24)

R.T.: 14.951 min
Delta R.T.: 0.000 min
Response: 1747122
Conc: 9.91 ug/ml



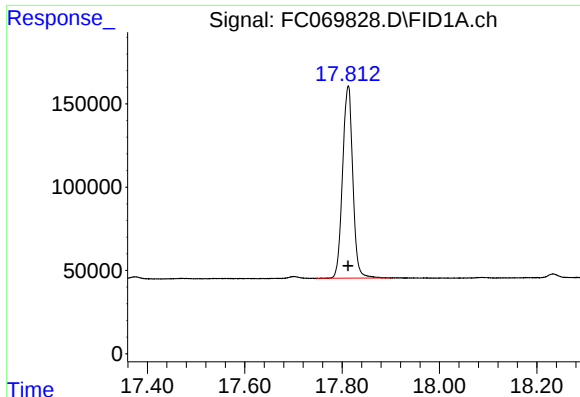
#15 n-Hexacosane (C26)

R.T.: 15.973 min
Delta R.T.: 0.000 min
Response: 1725760
Conc: 9.92 ug/ml



#16 n-Octacosane (C28)

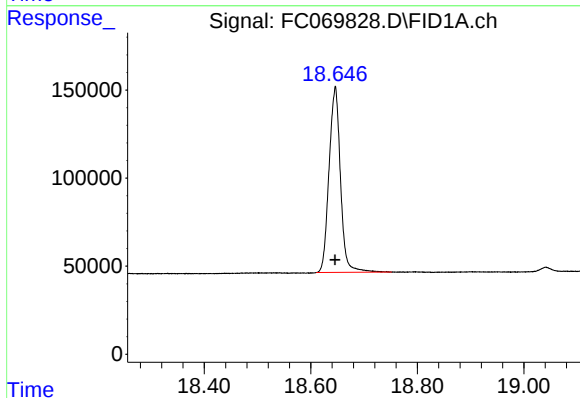
R.T.: 16.923 min
Delta R.T.: 0.000 min
Response: 1682895
Conc: 9.97 ug/ml



#17 n-Tricontane (C30)

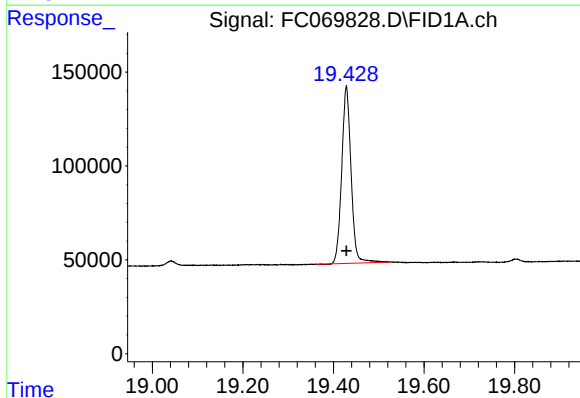
R.T.: 17.812 min
Delta R.T.: 0.000 min
Response: 1680498
Conc: 10.08 ug/ml

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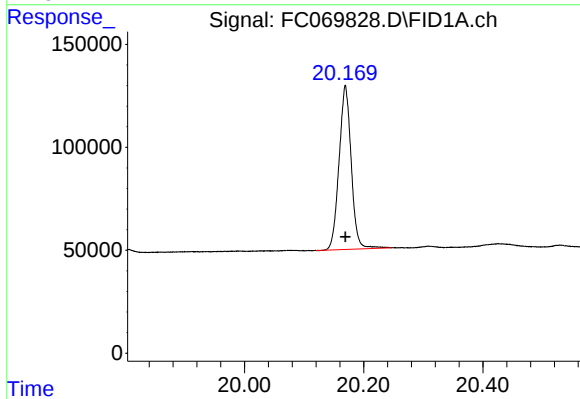
#18 n-Dotriacontane (C32)

R.T.: 18.646 min
Delta R.T.: 0.000 min
Response: 1566941
Conc: 10.16 ug/ml



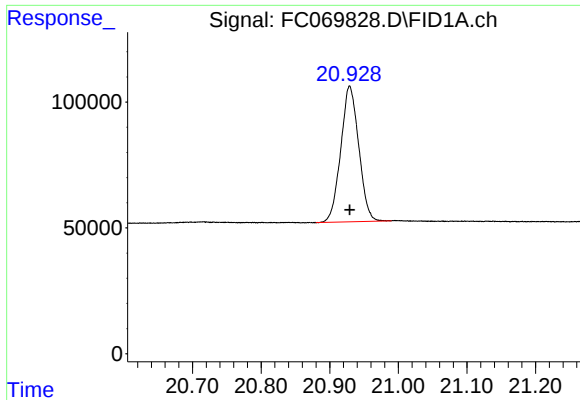
#19 n-Tetratriacontane (C34)

R.T.: 19.429 min
Delta R.T.: 0.000 min
Response: 1350605
Conc: 10.08 ug/ml



#20 n-Hexatriacontane (C36)

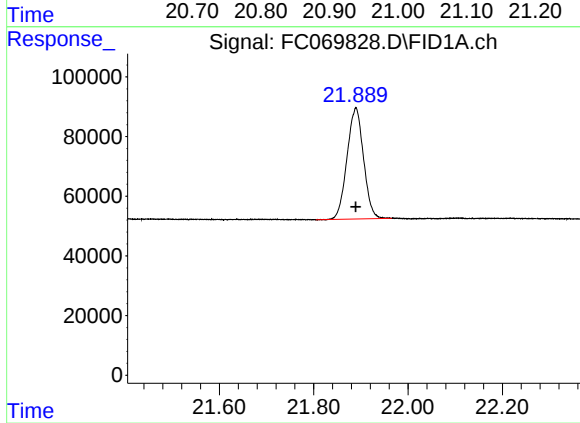
R.T.: 20.169 min
Delta R.T.: 0.000 min
Response: 1124746
Conc: 10.33 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.929 min
Delta R.T.: 0.000 min
Response: 982164
Conc: 10.55 ug/ml

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FID_C
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#22 n-Tetracontane (C40)

R.T.: 21.889 min
Delta R.T.: 0.000 min
Response: 904610
Conc: 10.83 ug/ml