

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC110625AL\
 Data File : FC070140.D
 Signal(s) : FID1A.ch
 Acq On : 06 Nov 2025 13:02
 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: Nov 06 13:56:16 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 110625.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 06 13:56:02 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)	11.636	1815404	10.284 ug/ml
Spiked Amount 50.000		Recovery =	20.57%
12) S 1-chlorooctadecane (S...	13.072	1378793	10.248 ug/ml
Spiked Amount 50.000		Recovery =	20.50%
Target Compounds			
1) T n-Nonane (C9)	3.379	1475201	10.307 ug/ml
2) T n-Decane (C10)	4.449	1527888	10.284 ug/ml
3) T A~Naphthalene (C11.7)	6.043	1656378	10.152 ug/ml
4) T n-Dodecane (C12)	6.471	1591352	10.268 ug/ml
5) T A~2-methylnaphthalene...	7.101	1601308	10.091 ug/ml
6) T n-Tetradecane (C14)	8.267	1624021	10.224 ug/ml
7) T n-Hexadecane (C16)	9.871	1716315	10.252 ug/ml
8) T n-Octadecane (C18)	11.314	1752072	10.342 ug/ml
10) T n-Eicosane (C20)	12.625	1664874	10.386 ug/ml
11) T n-Heneicosane (C21)	13.239	1608032	10.346 ug/ml
13) T n-Docosane (C22)	13.825	1610875	10.481 ug/ml
14) T n-Tetracosane (C24)	14.930	1635656	10.833 ug/ml
15) T n-Hexacosane (C26)	15.953	1562149	10.876 ug/ml
16) T n-Octacosane (C28)	16.903	1533181	11.095 ug/ml
17) T n-Tricontane (C30)	17.792	1565267	11.278 ug/ml
18) T n-Dotriacontane (C32)	18.625	1541260	11.516 ug/ml
19) T n-Tetratriacontane (C34)	19.411	1362180	11.343 ug/ml
20) T n-Hexatriacontane (C36)	20.151	1135411	11.064 ug/ml
21) T n-Octatriacontane (C38)	20.908	1010405	10.946 ug/ml
22) T n-Tetracontane (C40)	21.859	957100	10.995 ug/ml

(f)=RT Delta > 1/2 Window

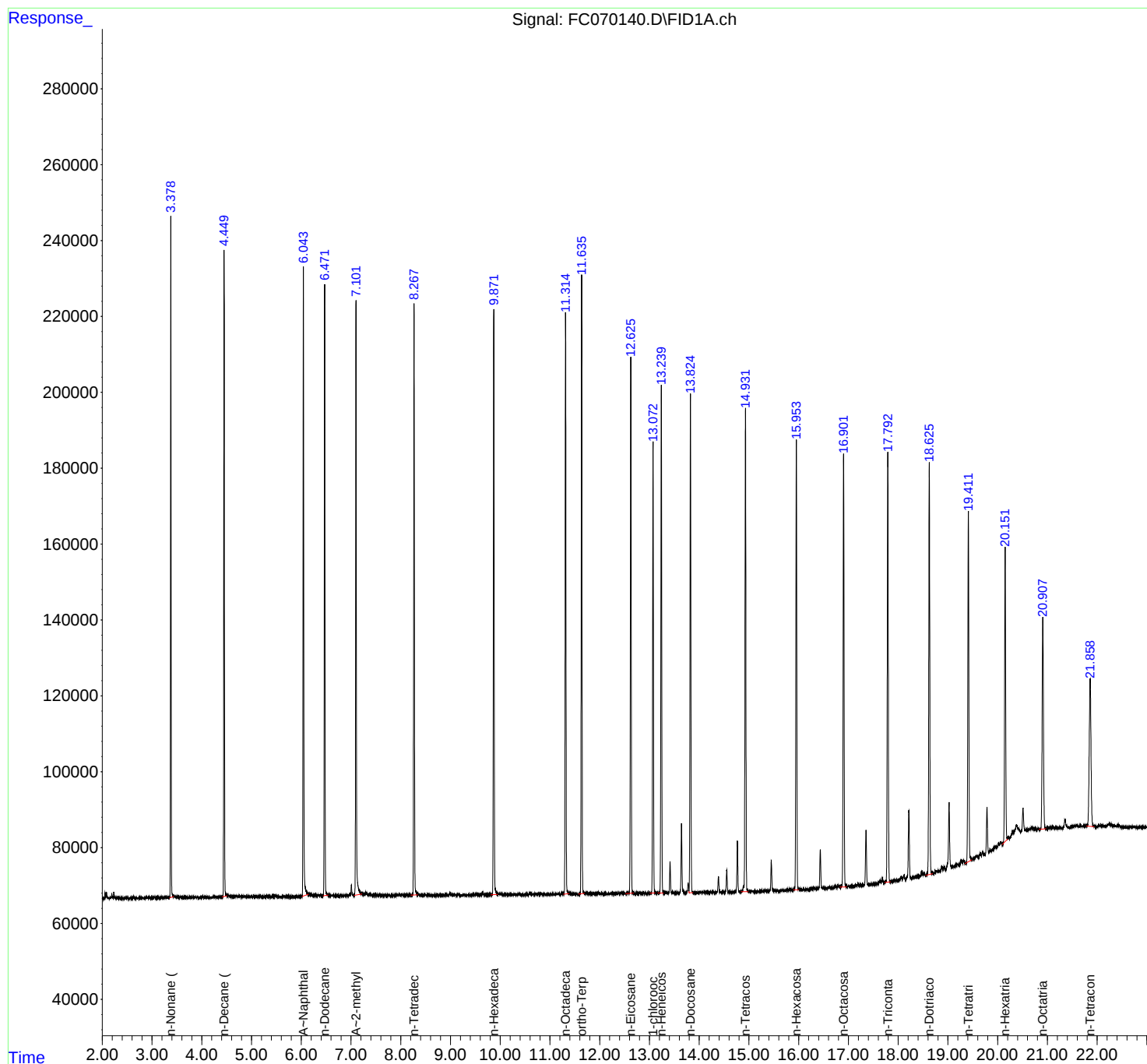
(m)=manual int.

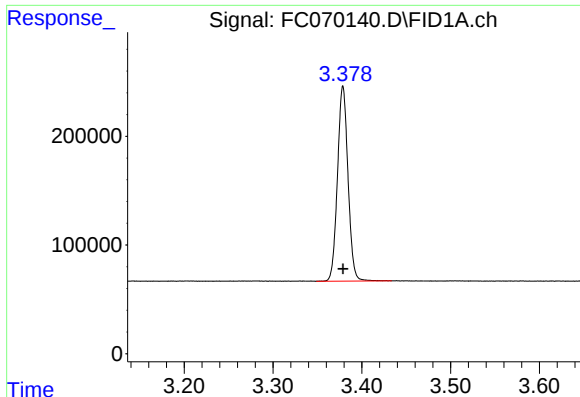
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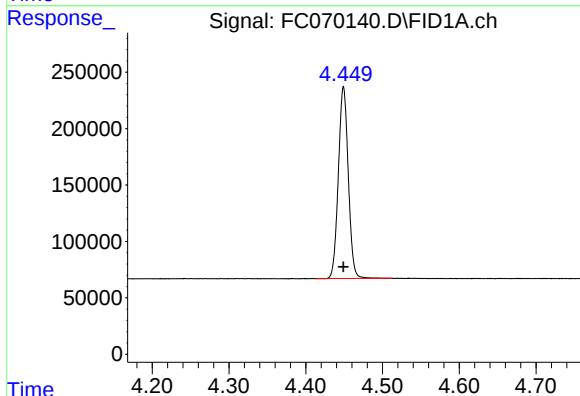




#1 n-Nonane (C9)

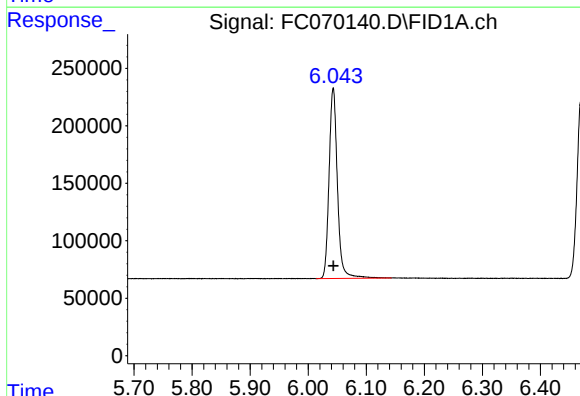
R.T.: 3.379 min
Delta R.T.: 0.000 min
Response: 1475201
Conc: 10.31 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



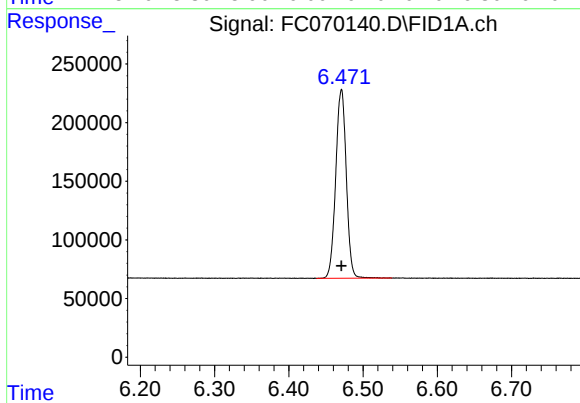
#2 n-Decane (C10)

R.T.: 4.449 min
Delta R.T.: 0.000 min
Response: 1527888
Conc: 10.28 ug/ml



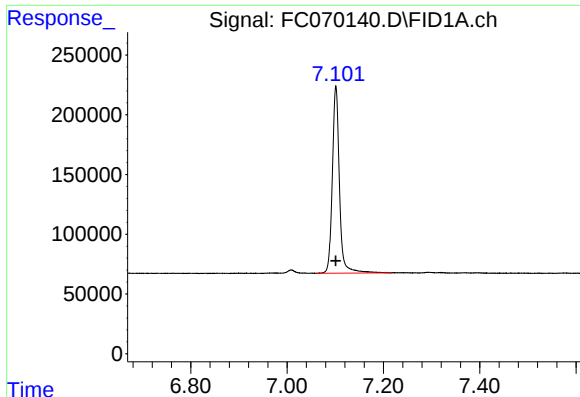
#3 A~Naphthalene (C11.7)

R.T.: 6.043 min
Delta R.T.: 0.000 min
Response: 1656378
Conc: 10.15 ug/ml



#4 n-Dodecane (C12)

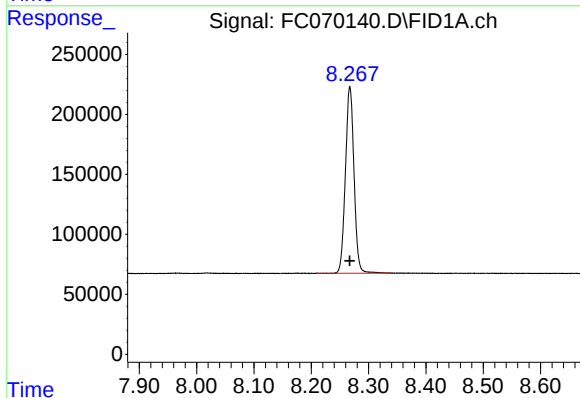
R.T.: 6.471 min
Delta R.T.: 0.000 min
Response: 1591352
Conc: 10.27 ug/ml



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

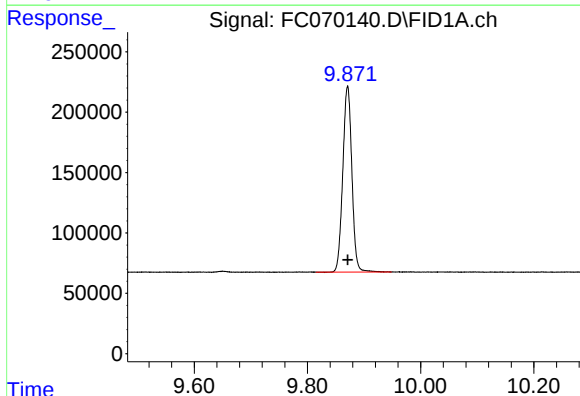
R.T.: 7.101 min
Delta R.T.: 0.000 min
Response: 1601308
Conc: 10.09 ug/ml

Instrument :
FID_C
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10 PPM ALIPHATIC HC STD4



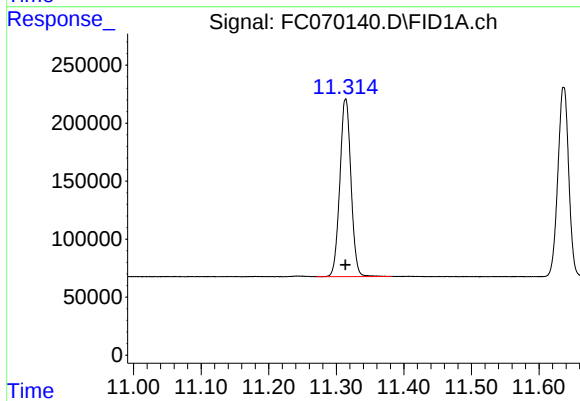
#6 n-Tetradecane (C14)

R.T.: 8.267 min
Delta R.T.: 0.000 min
Response: 1624021
Conc: 10.22 ug/ml



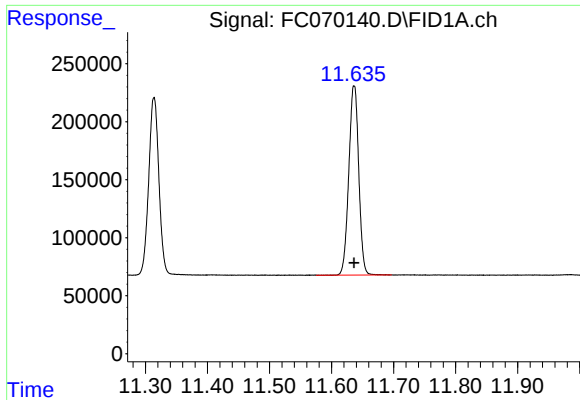
#7 n-Hexadecane (C16)

R.T.: 9.871 min
Delta R.T.: 0.000 min
Response: 1716315
Conc: 10.25 ug/ml



#8 n-Octadecane (C18)

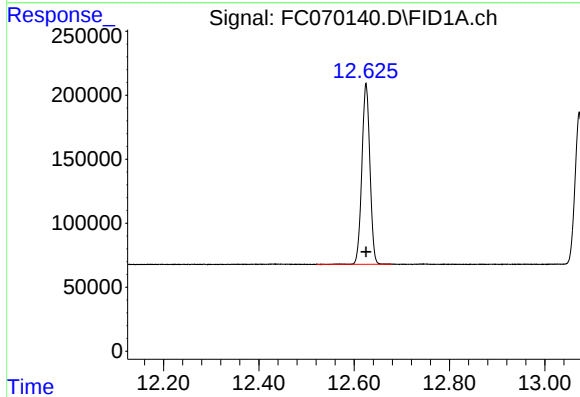
R.T.: 11.314 min
Delta R.T.: 0.000 min
Response: 1752072
Conc: 10.34 ug/ml



#9 ortho-Terphenyl (SURR)

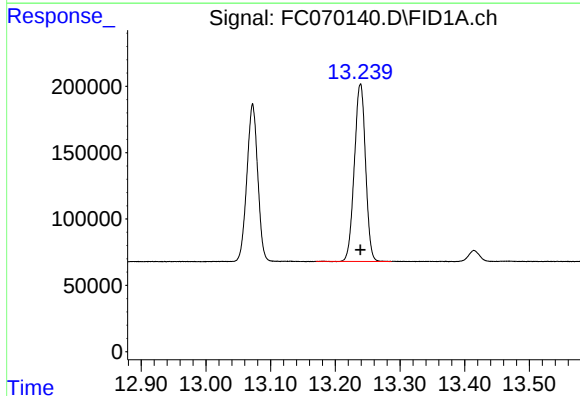
R.T.: 11.636 min
Delta R.T.: 0.000 min
Response: 1815404
Conc: 10.28 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



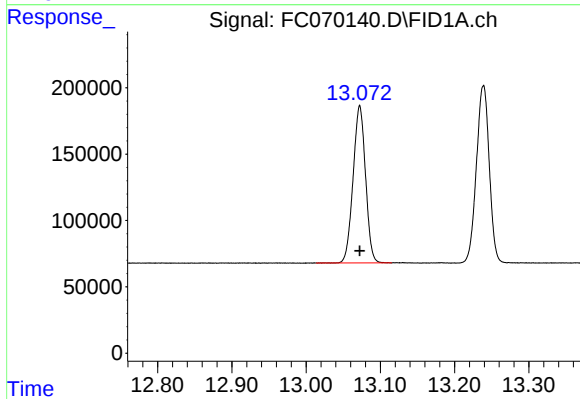
#10 n-Eicosane (C20)

R.T.: 12.625 min
Delta R.T.: 0.000 min
Response: 1664874
Conc: 10.39 ug/ml



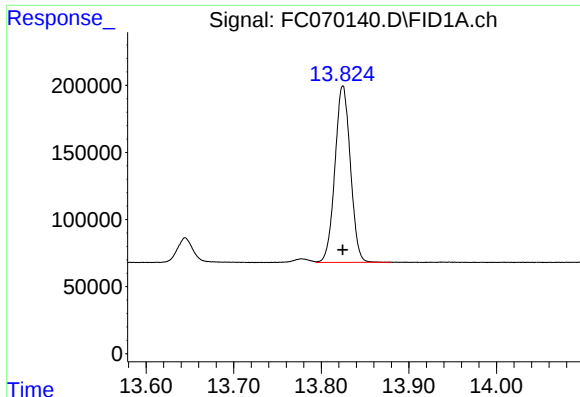
#11 n-Heneicosane (C21)

R.T.: 13.239 min
Delta R.T.: 0.000 min
Response: 1608032
Conc: 10.35 ug/ml



#12 1-chlorooctadecane (SURR)

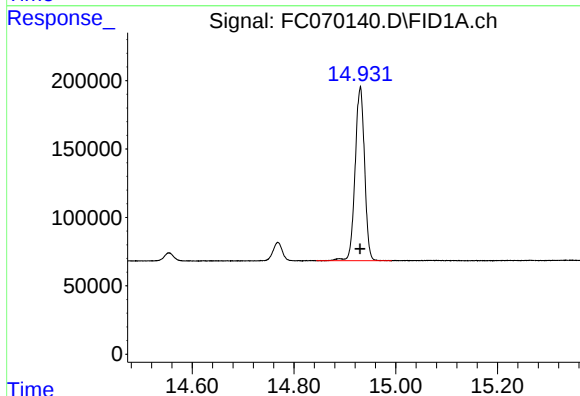
R.T.: 13.072 min
Delta R.T.: 0.000 min
Response: 1378793
Conc: 10.25 ug/ml



#13 n-Docosane (C22)

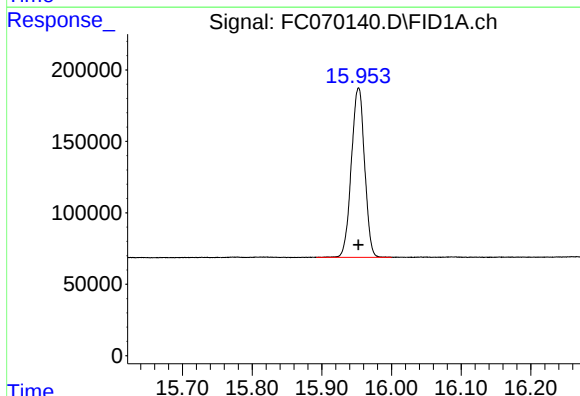
R.T.: 13.825 min
Delta R.T.: 0.000 min
Response: 1610875
Conc: 10.48 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



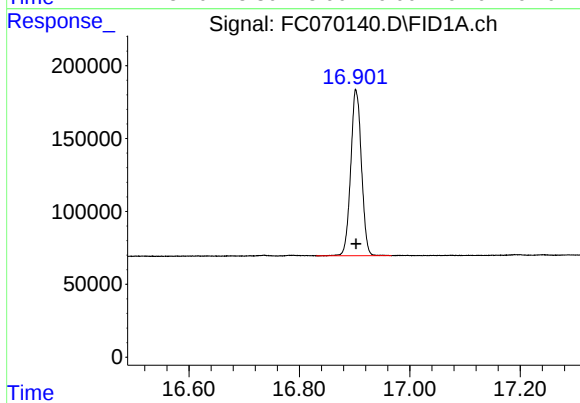
#14 n-Tetracosane (C24)

R.T.: 14.930 min
Delta R.T.: 0.000 min
Response: 1635656
Conc: 10.83 ug/ml



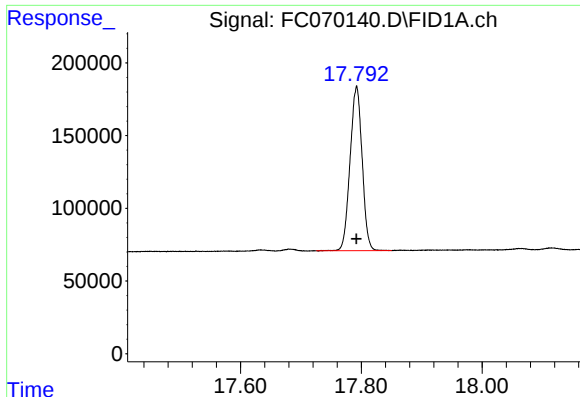
#15 n-Hexacosane (C26)

R.T.: 15.953 min
Delta R.T.: 0.000 min
Response: 1562149
Conc: 10.88 ug/ml



#16 n-Octacosane (C28)

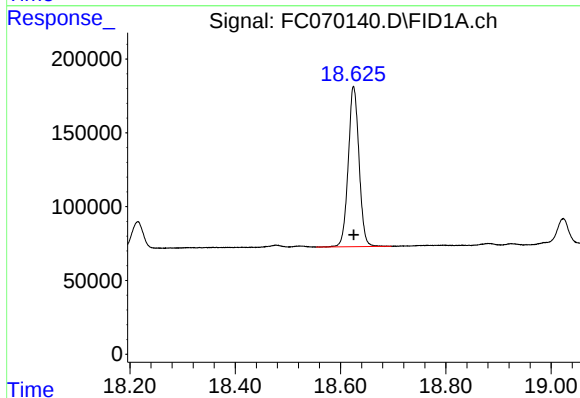
R.T.: 16.903 min
Delta R.T.: 0.000 min
Response: 1533181
Conc: 11.10 ug/ml



#17 n-Tricontane (C30)

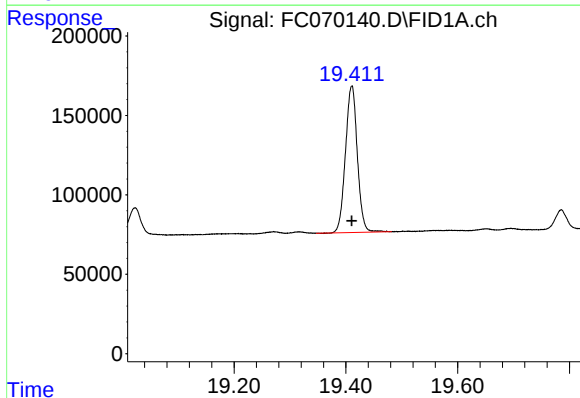
R.T.: 17.792 min
Delta R.T.: 0.000 min
Response: 1565267
Conc: 11.28 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



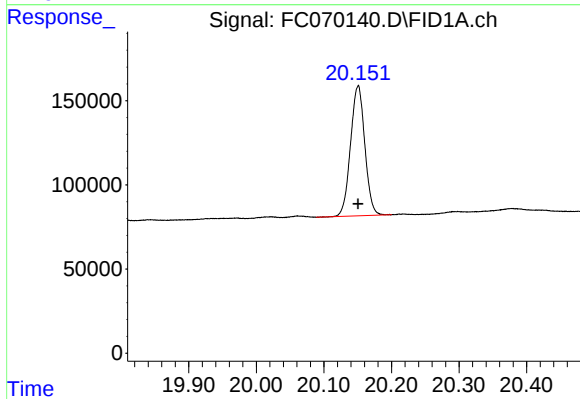
#18 n-Dotriacontane (C32)

R.T.: 18.625 min
Delta R.T.: 0.000 min
Response: 1541260
Conc: 11.52 ug/ml



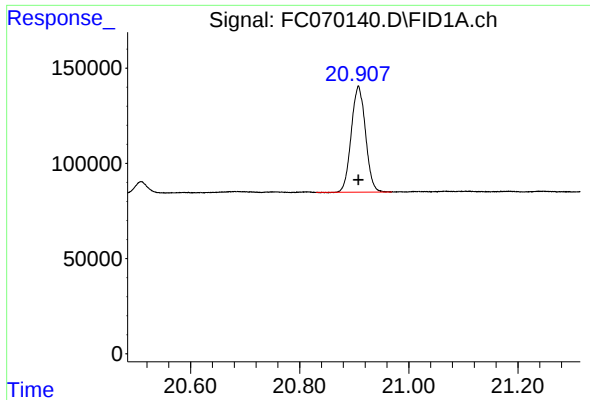
#19 n-Tetratriacontane (C34)

R.T.: 19.411 min
Delta R.T.: 0.000 min
Response: 1362180
Conc: 11.34 ug/ml



#20 n-Hexatriacontane (C36)

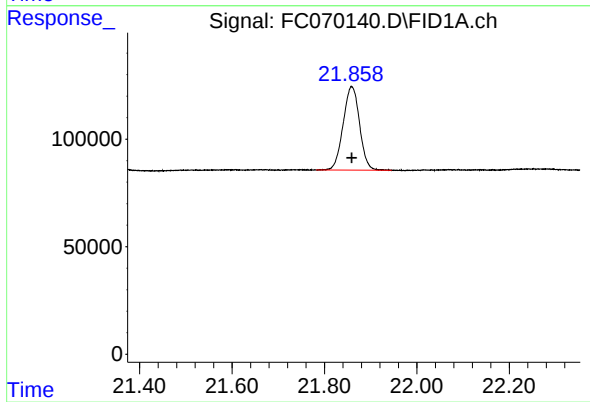
R.T.: 20.151 min
Delta R.T.: 0.000 min
Response: 1135411
Conc: 11.06 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.908 min
Delta R.T.: 0.000 min
Response: 1010405
Conc: 10.95 ug/ml

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10 PPM ALIPHATIC HC STD4



#22 n-Tetracontane (C40)

R.T.: 21.859 min
Delta R.T.: 0.000 min
Response: 957100
Conc: 10.99 ug/ml