

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC052225AL\
 Data File : FC068979.D
 Signal(s) : FID1A.ch
 Acq On : 22 May 2025 15:10
 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: May 23 03:14:16 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050625.M
 Quant Title : GC Extractables
 QLast Update : Wed May 07 08:52:03 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)	11.706	2269674	19.885 ug/ml
Spiked Amount 50.000		Recovery =	39.77%
12) S 1-chlorooctadecane (S...	13.139	1635165	20.382 ug/ml
Spiked Amount 50.000		Recovery =	40.76%
Target Compounds			
1) T n-Nonane (C9)	3.441	2055204	20.433 ug/ml
2) T n-Decane (C10)	4.516	2046126	20.535 ug/ml
3) T A~Naphthalene (C11.7)	6.112	2223413	20.165 ug/ml
4) T n-Dodecane (C12)	6.540	2007599	20.659 ug/ml
5) T A~2-methylnaphthalene...	7.170	2168241	20.201 ug/ml
6) T n-Tetradecane (C14)	8.337	1911061	20.677 ug/ml
7) T n-Hexadecane (C16)	9.940	1841897	20.570 ug/ml
8) T n-Octadecane (C18)	11.382	1793601	20.447 ug/ml
10) T n-Eicosane (C20)	12.694	1746379	20.493 ug/ml
11) T n-Heneicosane (C21)	13.305	1731950	20.534 ug/ml
13) T n-Docosane (C22)	13.893	1721812	20.582 ug/ml
14) T n-Tetracosane (C24)	14.997	1713964	20.599 ug/ml
15) T n-Hexacosane (C26)	16.018	1700412	20.523 ug/ml
16) T n-Octacosane (C28)	16.968	1679566	20.322 ug/ml
17) T n-Tricontane (C30)	17.856	1698665	20.076 ug/ml
18) T n-Dotriacontane (C32)	18.690	1709454	19.846 ug/ml
19) T n-Tetratriacontane (C34)	19.475	1676768	19.680 ug/ml
20) T n-Hexatriacontane (C36)	20.216	1703887	19.825 ug/ml
21) T n-Octatriacontane (C38)	20.988	1662292	19.817 ug/ml
22) T n-Tetracontane (C40)	21.962	1636802	19.972 ug/ml

(f)=RT Delta > 1/2 Window

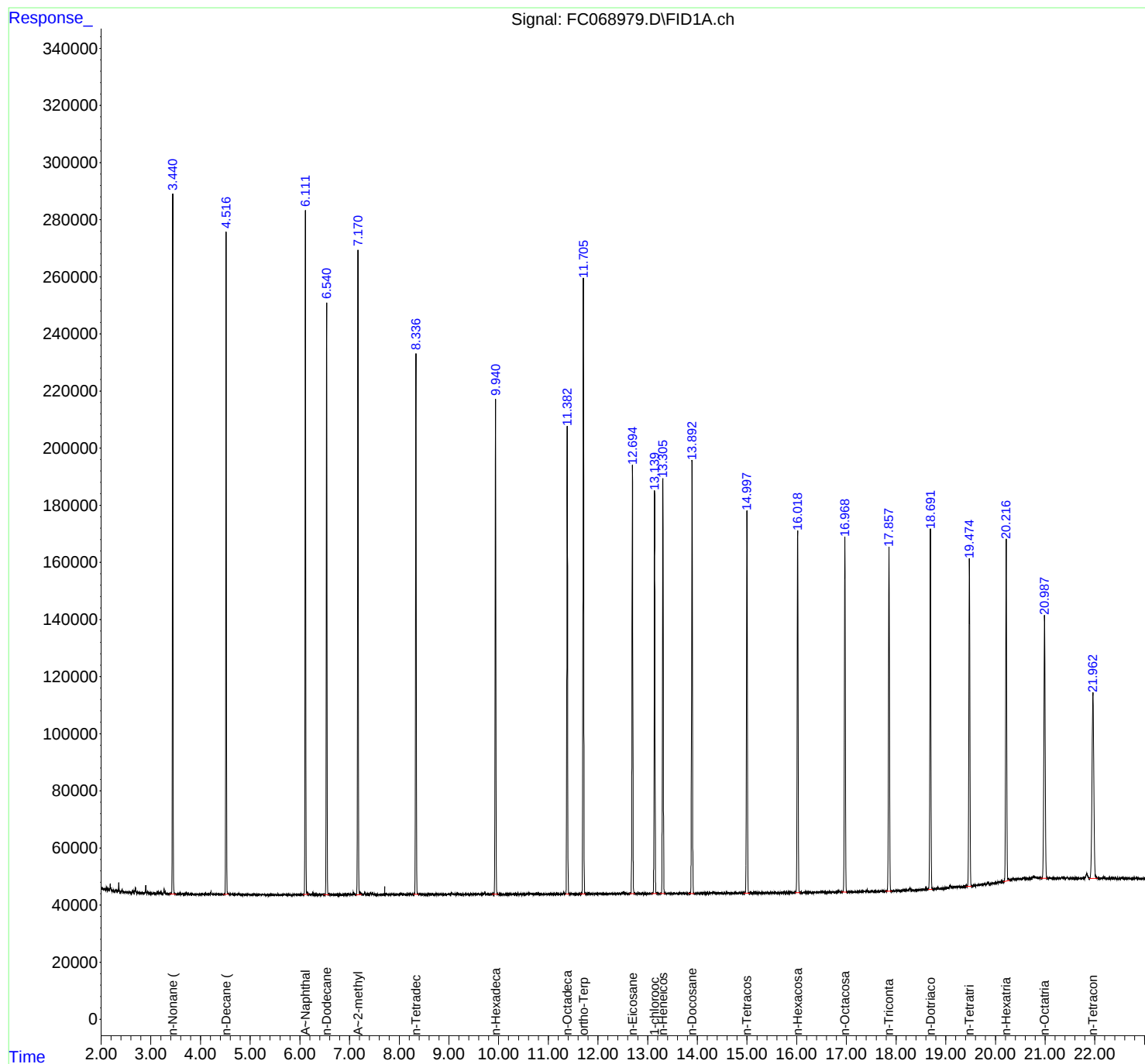
(m)=manual int.

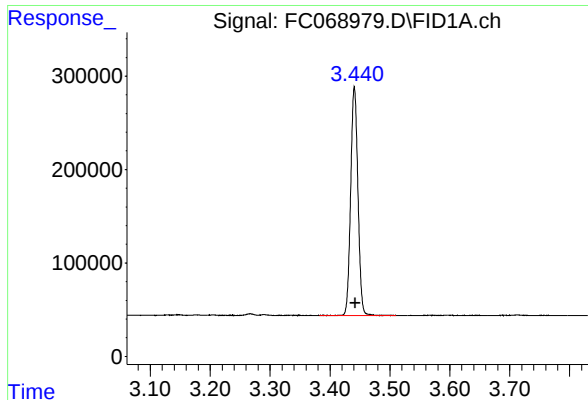
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC052225AL\
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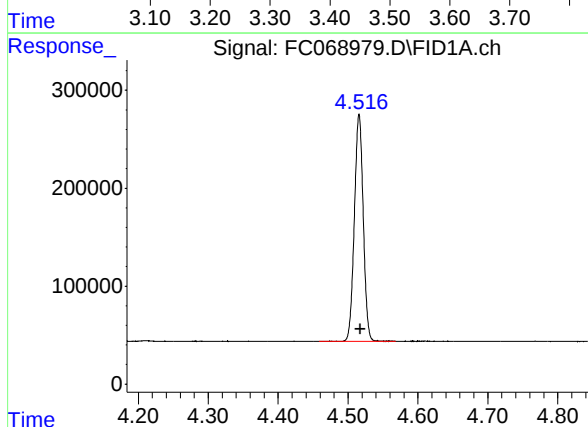




#1 n-Nonane (C9)

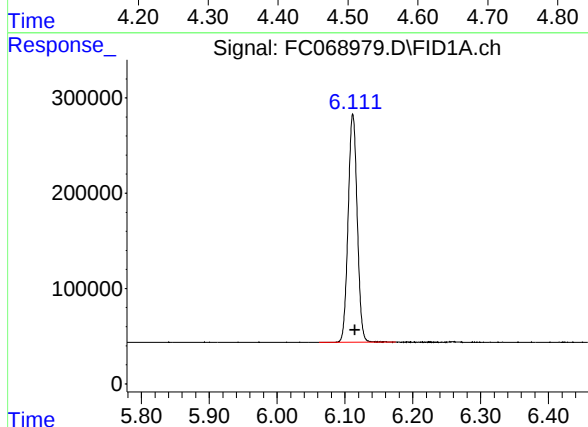
R.T.: 3.441 min
Delta R.T.: -0.001 min
Response: 2055204
Conc: 20.43 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



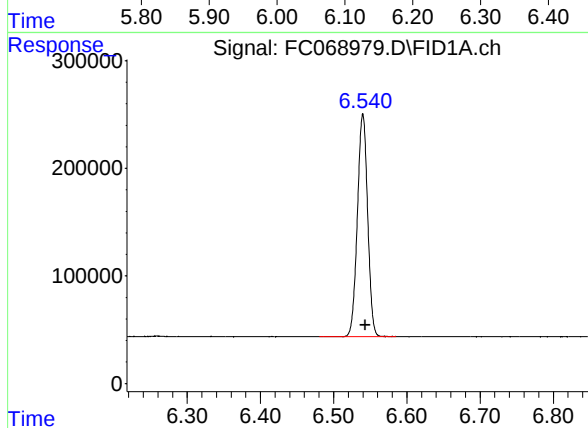
#2 n-Decane (C10)

R.T.: 4.516 min
Delta R.T.: -0.002 min
Response: 2046126
Conc: 20.53 ug/ml



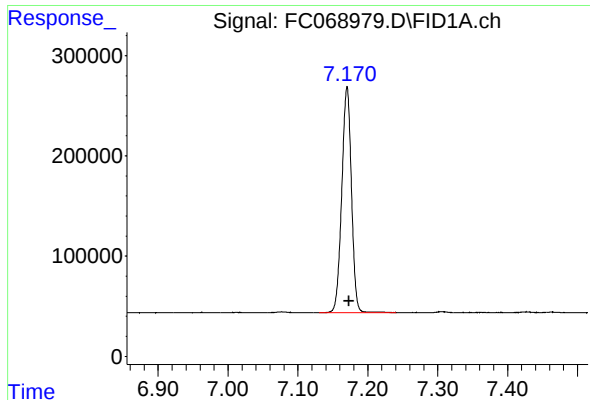
#3 A~Naphthalene (C11.7)

R.T.: 6.112 min
Delta R.T.: -0.003 min
Response: 2223413
Conc: 20.16 ug/ml



#4 n-Dodecane (C12)

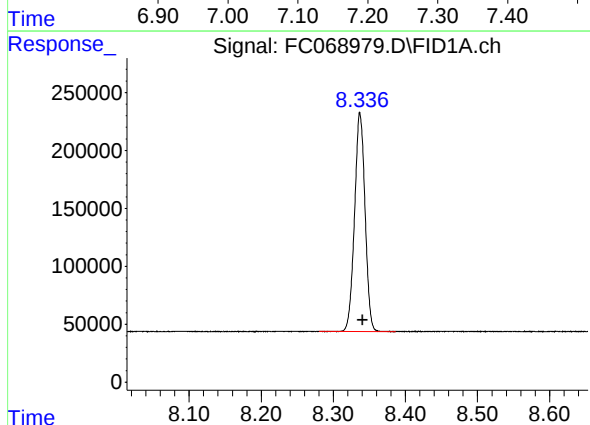
R.T.: 6.540 min
Delta R.T.: -0.003 min
Response: 2007599
Conc: 20.66 ug/ml



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

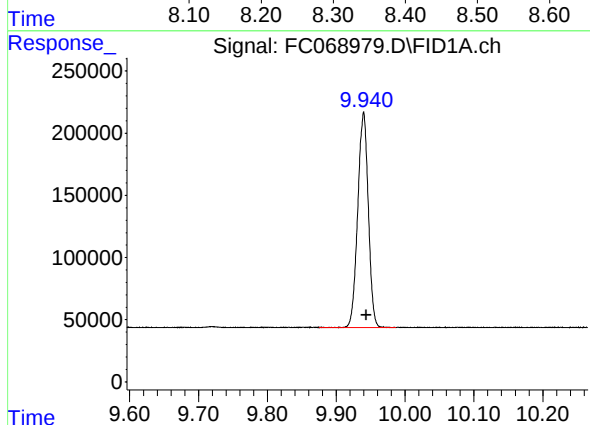
R.T.: 7.170 min
Delta R.T.: -0.003 min
Response: 2168241
Conc: 20.20 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



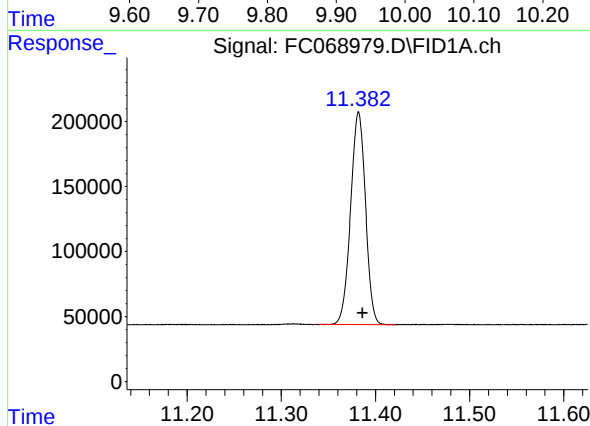
#6 n-Tetradecane (C14)

R.T.: 8.337 min
Delta R.T.: -0.003 min
Response: 1911061
Conc: 20.68 ug/ml



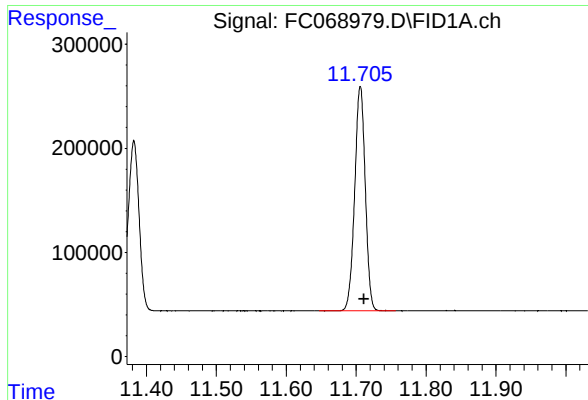
#7 n-Hexadecane (C16)

R.T.: 9.940 min
Delta R.T.: -0.004 min
Response: 1841897
Conc: 20.57 ug/ml



#8 n-Octadecane (C18)

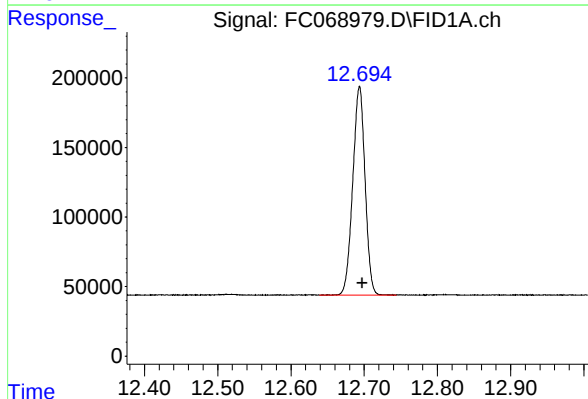
R.T.: 11.382 min
Delta R.T.: -0.004 min
Response: 1793601
Conc: 20.45 ug/ml



#9 ortho-Terphenyl (SURR)

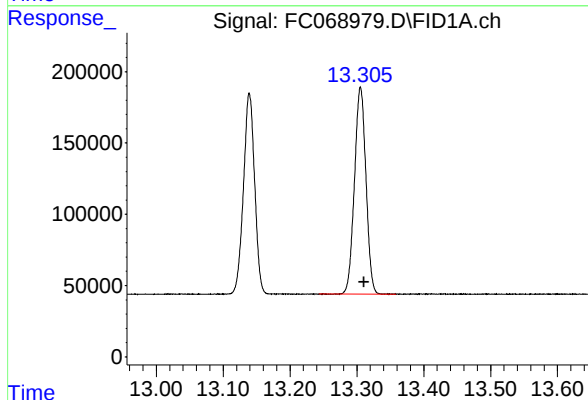
R.T.: 11.706 min
Delta R.T.: -0.005 min
Response: 2269674
Conc: 19.89 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



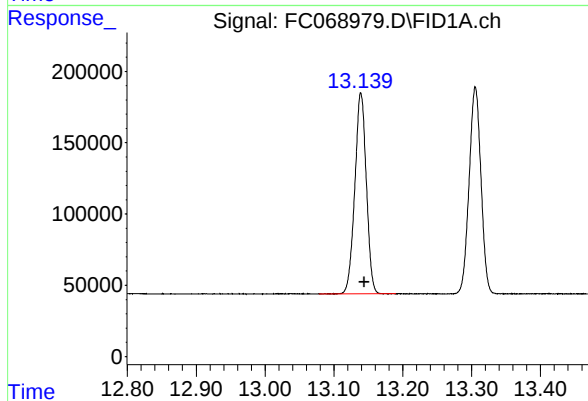
#10 n-Eicosane (C20)

R.T.: 12.694 min
Delta R.T.: -0.004 min
Response: 1746379
Conc: 20.49 ug/ml



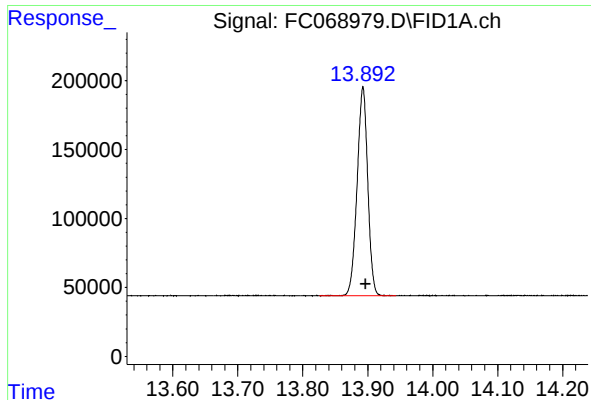
#11 n-Heneicosane (C21)

R.T.: 13.305 min
Delta R.T.: -0.005 min
Response: 1731950
Conc: 20.53 ug/ml



#12 1-chlorooctadecane (SURR)

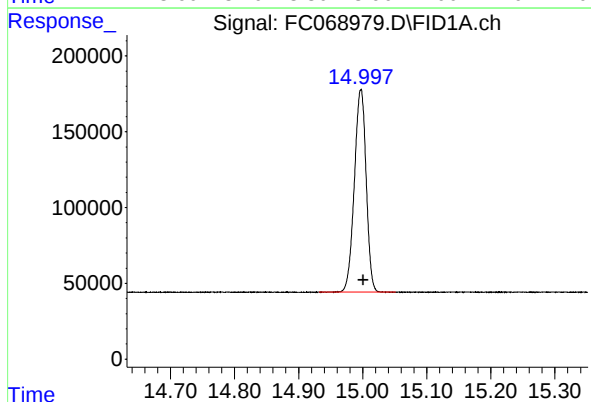
R.T.: 13.139 min
Delta R.T.: -0.005 min
Response: 1635165
Conc: 20.38 ug/ml



#13 n-Docosane (C22)

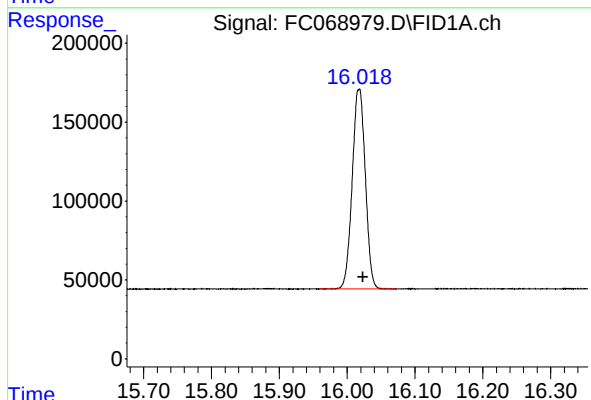
R.T.: 13.893 min
Delta R.T.: -0.004 min
Response: 1721812
Conc: 20.58 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



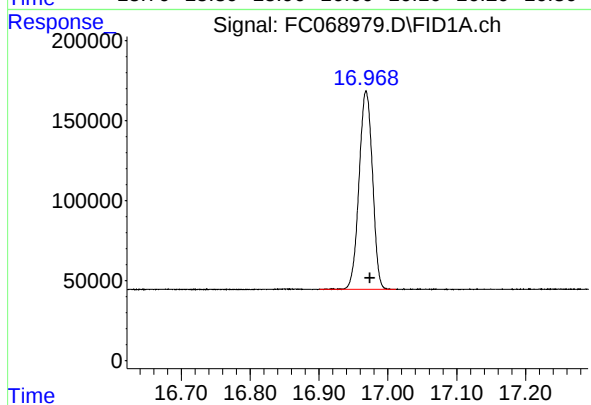
#14 n-Tetracosane (C24)

R.T.: 14.997 min
Delta R.T.: -0.004 min
Response: 1713964
Conc: 20.60 ug/ml



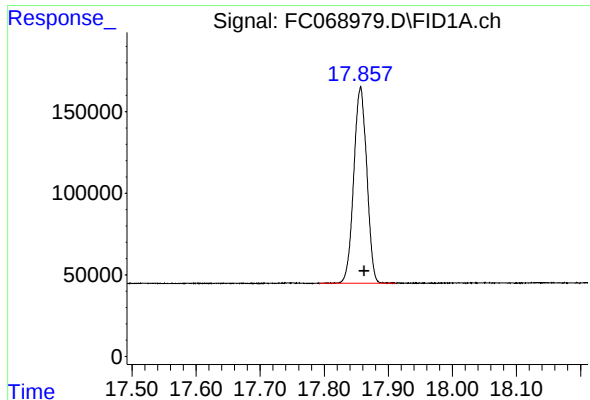
#15 n-Hexacosane (C26)

R.T.: 16.018 min
Delta R.T.: -0.006 min
Response: 1700412
Conc: 20.52 ug/ml



#16 n-Octacosane (C28)

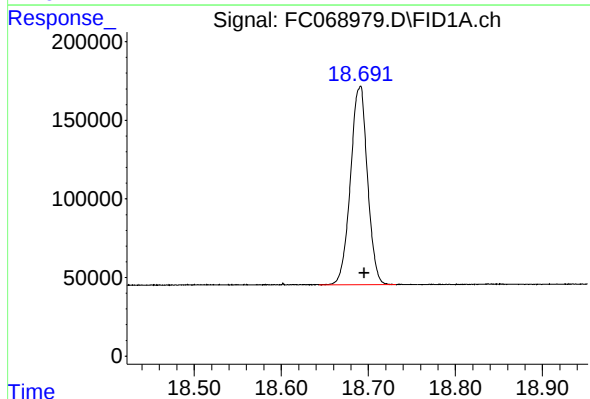
R.T.: 16.968 min
Delta R.T.: -0.006 min
Response: 1679566
Conc: 20.32 ug/ml



#17 n-Tricontane (C30)

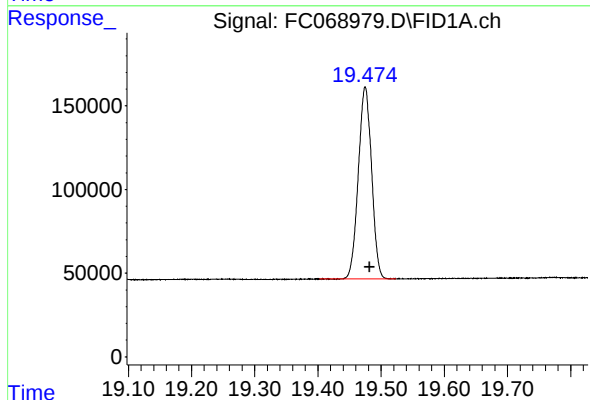
R.T.: 17.856 min
Delta R.T.: -0.006 min
Response: 1698665
Conc: 20.08 ug/ml

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20 PPM ALIPHATIC HC STD



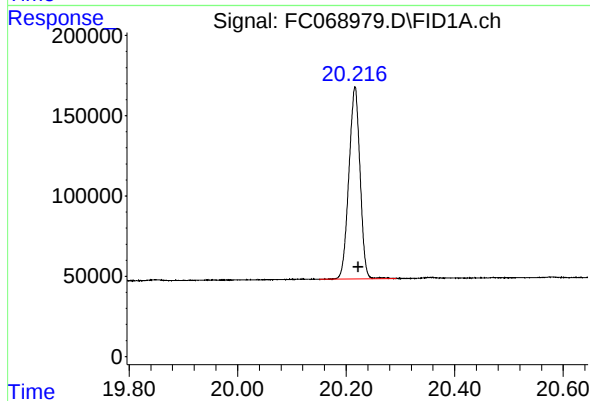
#18 n-Dotriacontane (C32)

R.T.: 18.690 min
Delta R.T.: -0.005 min
Response: 1709454
Conc: 19.85 ug/ml



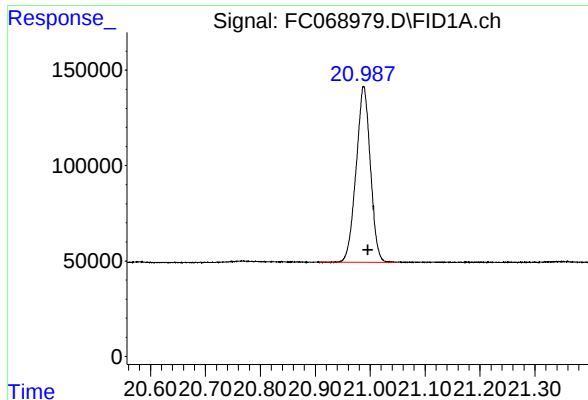
#19 n-Tetatriacontane (C34)

R.T.: 19.475 min
Delta R.T.: -0.007 min
Response: 1676768
Conc: 19.68 ug/ml



#20 n-Hexatriacontane (C36)

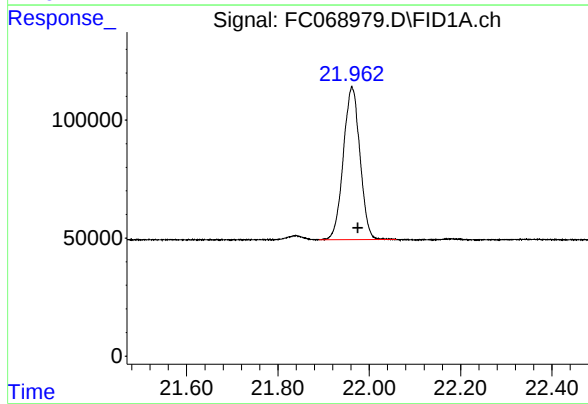
R.T.: 20.216 min
Delta R.T.: -0.006 min
Response: 1703887
Conc: 19.82 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.988 min
Delta R.T.: -0.008 min
Response: 1662292
Conc: 19.82 ug/ml

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FID_C
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.962 min
Delta R.T.: -0.013 min
Response: 1636802
Conc: 19.97 ug/ml