

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC051225AL\
 Data File : FC068826.D
 Signal(s) : FID1A.ch
 Acq On : 12 May 2025 11:39
 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: sample.E
 Quant Time: May 13 07:41:08 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)	11.704	2020352	17.701 ug/ml
Spiked Amount 50.000		Recovery =	35.40%
12) S 1-chlorooctadecane (S...	13.137	1457093	18.162 ug/ml
Spiked Amount 50.000		Recovery =	36.32%
Target Compounds			
1) T n-Nonane (C9)	3.440	1659114	16.495 ug/ml
2) T n-Decane (C10)	4.515	1700549	17.067 ug/ml
3) T A~Naphthalene (C11.7)	6.111	1837308	16.663 ug/ml
4) T n-Dodecane (C12)	6.539	1699840	17.492 ug/ml
5) T A~2-methylnaphthalene...	7.169	1816057	16.920 ug/ml
6) T n-Tetradecane (C14)	8.336	1673390	18.105 ug/ml
7) T n-Hexadecane (C16)	9.938	1668213	18.630 ug/ml
8) T n-Octadecane (C18)	11.380	1643019	18.731 ug/ml
10) T n-Eicosane (C20)	12.691	1598718	18.760 ug/ml
11) T n-Heneicosane (C21)	13.303	1574787	18.671 ug/ml
13) T n-Docosane (C22)	13.890	1565602	18.714 ug/ml
14) T n-Tetracosane (C24)	14.993	1560116	18.750 ug/ml
15) T n-Hexacosane (C26)	16.015	1548017	18.684 ug/ml
16) T n-Octacosane (C28)	16.966	1634889	19.782 ug/ml
17) T n-Tricontane (C30)	17.854	1854976	21.923 ug/ml
18) T n-Dotriacontane (C32)	18.688	1959876	22.753 ug/ml
19) T n-Tetratriacontane (C34)	19.471	1841462	21.613 ug/ml
20) T n-Hexatriacontane (C36)	20.213	1754672	20.415 ug/ml
21) T n-Octatriacontane (C38)	20.986	1646333	19.626 ug/ml
22) T n-Tetracontane (C40)	21.959	1542262	18.818 ug/ml

(f)=RT Delta > 1/2 Window

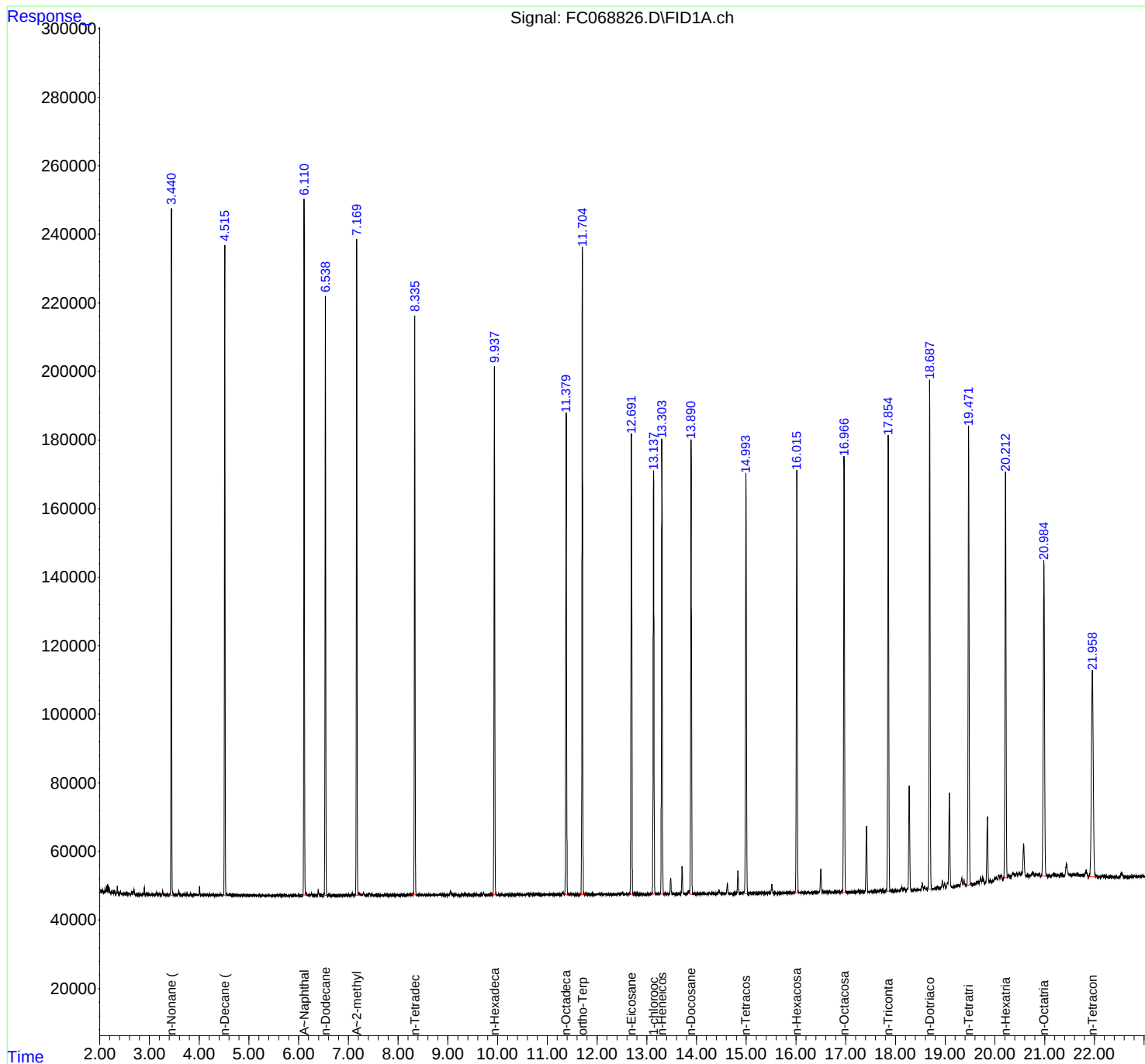
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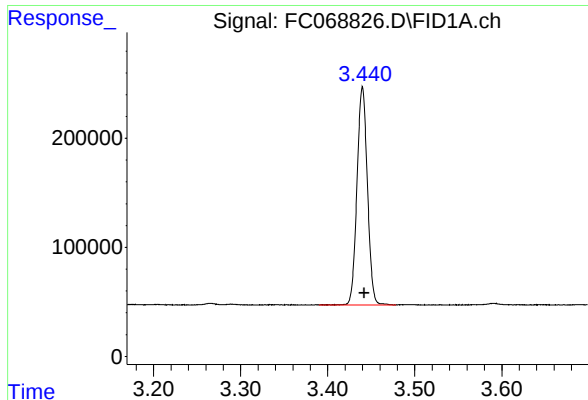
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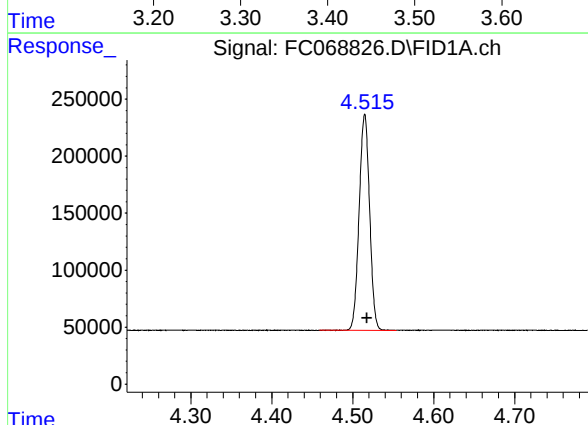




#1 n-Nonane (C9)

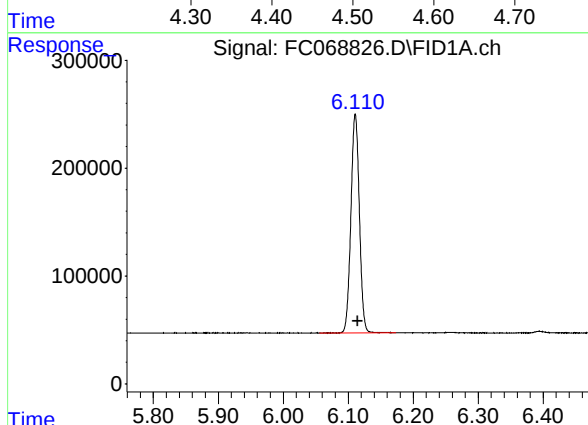
R.T.: 3.440 min
Delta R.T.: -0.002 min
Response: 1659114
Conc: 16.50 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



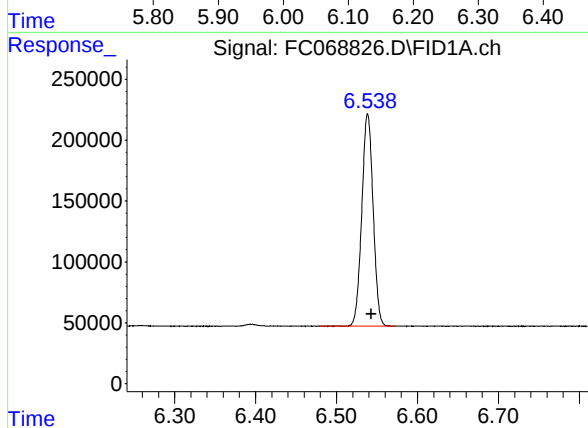
#2 n-Decane (C10)

R.T.: 4.515 min
Delta R.T.: -0.003 min
Response: 1700549
Conc: 17.07 ug/ml



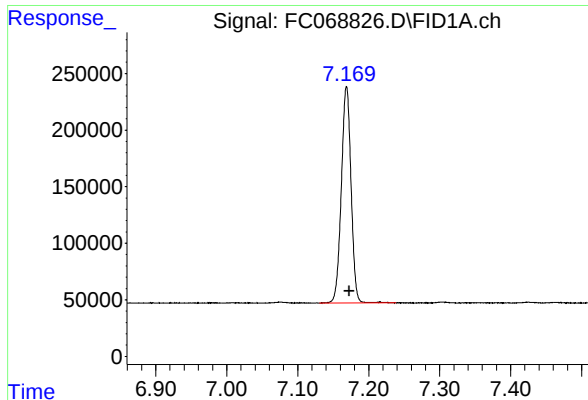
#3 A~Naphthalene (C11.7)

R.T.: 6.111 min
Delta R.T.: -0.004 min
Response: 1837308
Conc: 16.66 ug/ml



#4 n-Dodecane (C12)

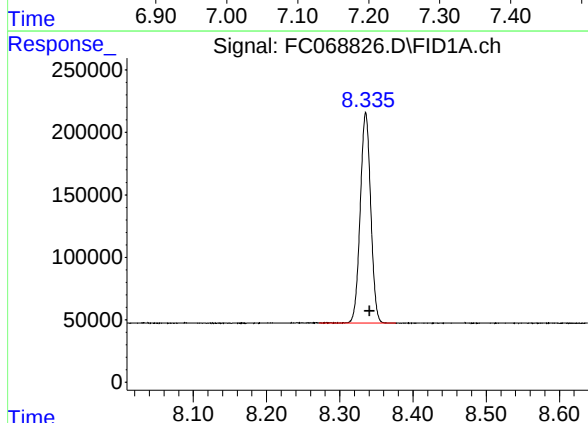
R.T.: 6.539 min
Delta R.T.: -0.004 min
Response: 1699840
Conc: 17.49 ug/ml



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

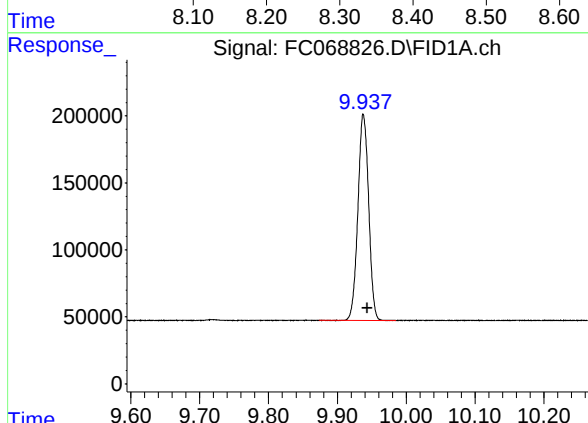
R.T.: 7.169 min
Delta R.T.: -0.004 min
Response: 1816057
Conc: 16.92 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



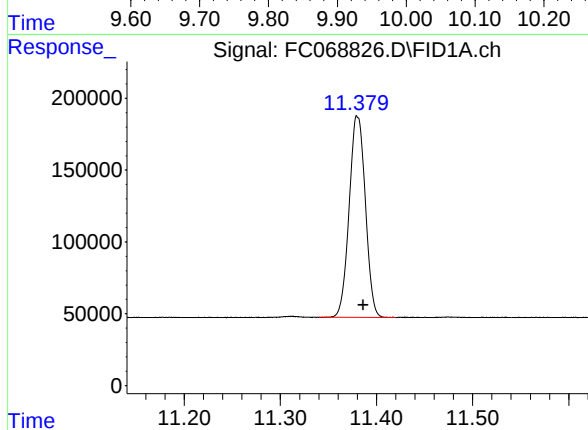
#6 n-Tetradecane (C14)

R.T.: 8.336 min
Delta R.T.: -0.005 min
Response: 1673390
Conc: 18.11 ug/ml



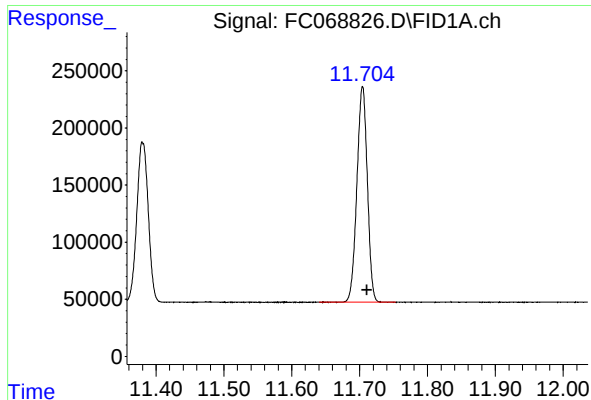
#7 n-Hexadecane (C16)

R.T.: 9.938 min
Delta R.T.: -0.006 min
Response: 1668213
Conc: 18.63 ug/ml



#8 n-Octadecane (C18)

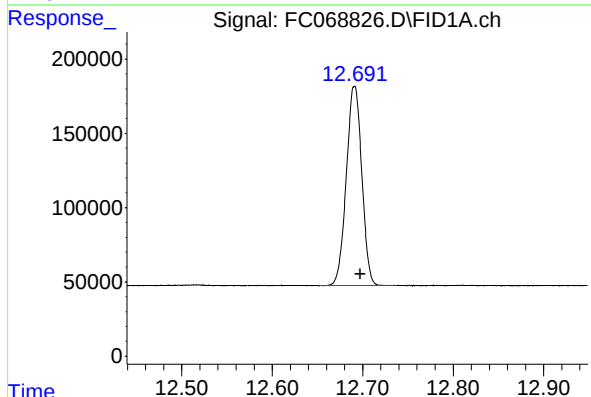
R.T.: 11.380 min
Delta R.T.: -0.006 min
Response: 1643019
Conc: 18.73 ug/ml



#9 ortho-Terphenyl (SURR)

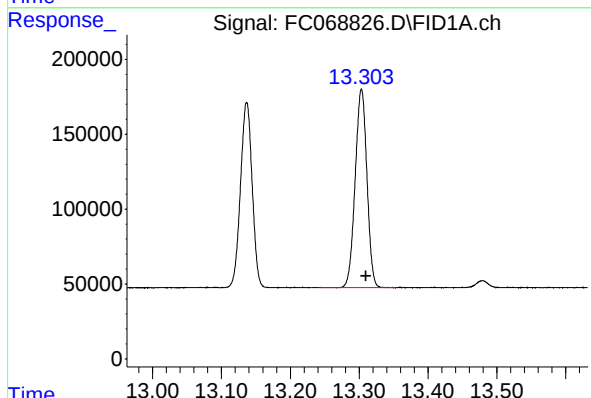
R.T.: 11.704 min
Delta R.T.: -0.007 min
Response: 2020352
Conc: 17.70 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



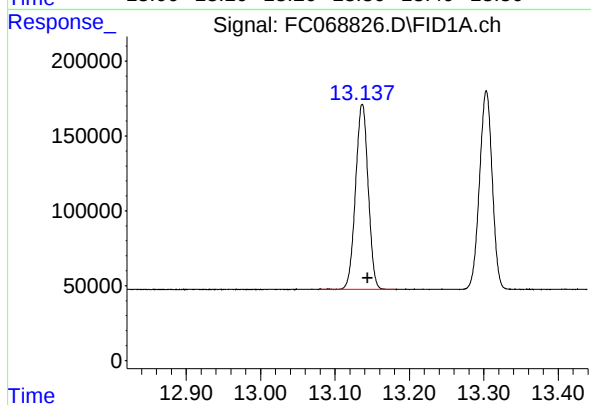
#10 n-Eicosane (C20)

R.T.: 12.691 min
Delta R.T.: -0.006 min
Response: 1598718
Conc: 18.76 ug/ml



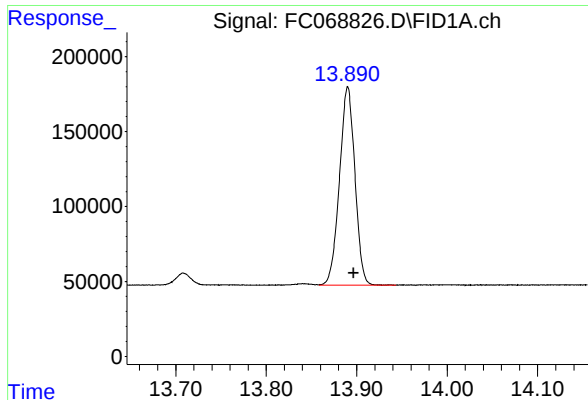
#11 n-Heneicosane (C21)

R.T.: 13.303 min
Delta R.T.: -0.007 min
Response: 1574787
Conc: 18.67 ug/ml



#12 1-chlorooctadecane (SURR)

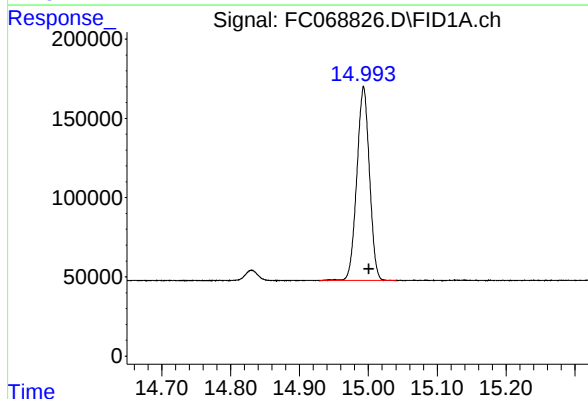
R.T.: 13.137 min
Delta R.T.: -0.007 min
Response: 1457093
Conc: 18.16 ug/ml



#13 n-Docosane (C22)

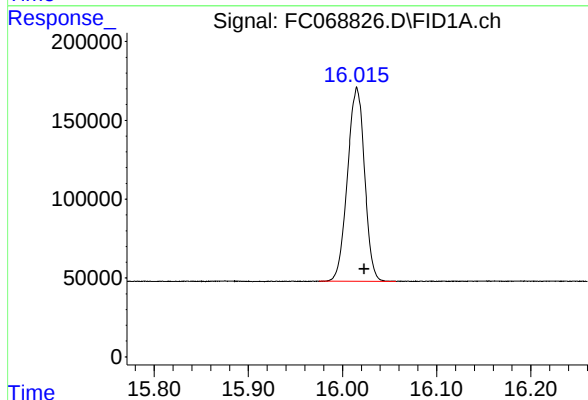
R.T.: 13.890 min
Delta R.T.: -0.007 min
Response: 1565602
Conc: 18.71 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



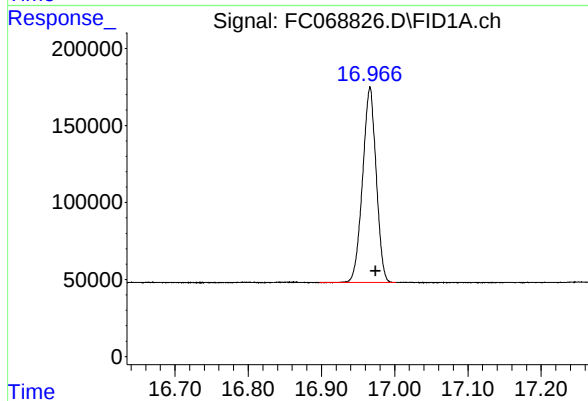
#14 n-Tetracosane (C24)

R.T.: 14.993 min
Delta R.T.: -0.008 min
Response: 1560116
Conc: 18.75 ug/ml



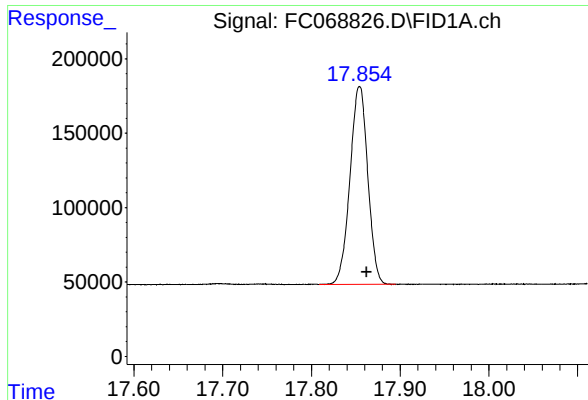
#15 n-Hexacosane (C26)

R.T.: 16.015 min
Delta R.T.: -0.008 min
Response: 1548017
Conc: 18.68 ug/ml



#16 n-Octacosane (C28)

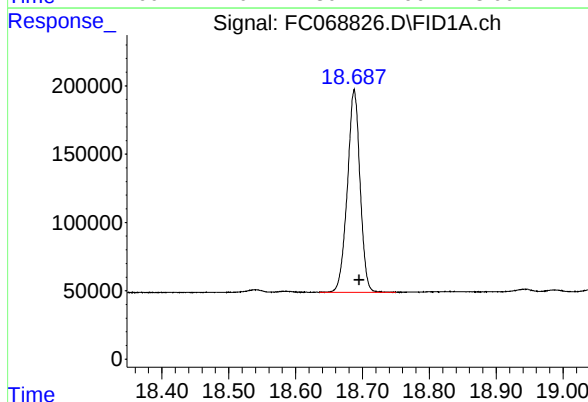
R.T.: 16.966 min
Delta R.T.: -0.008 min
Response: 1634889
Conc: 19.78 ug/ml



#17 n-Tricontane (C30)

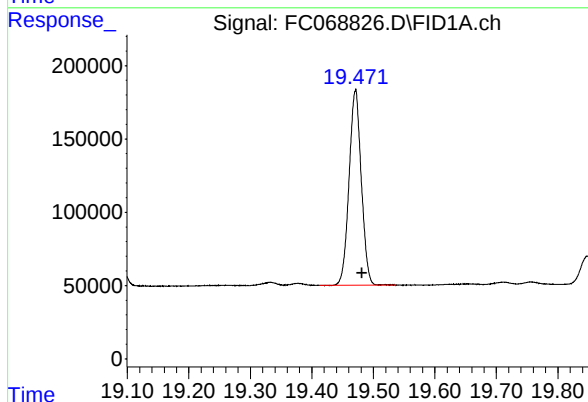
R.T.: 17.854 min
Delta R.T.: -0.008 min
Response: 1854976
Conc: 21.92 ug/ml

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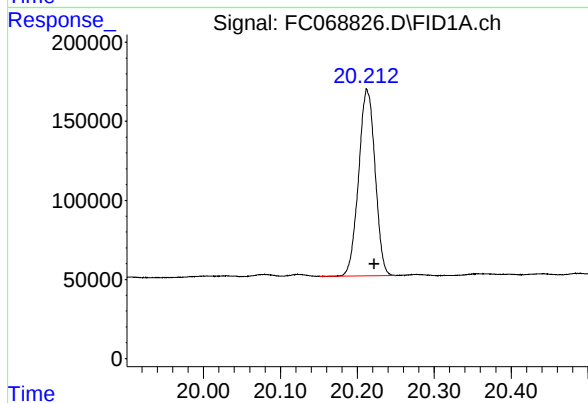
#18 n-Dotriacontane (C32)

R.T.: 18.688 min
Delta R.T.: -0.008 min
Response: 1959876
Conc: 22.75 ug/ml



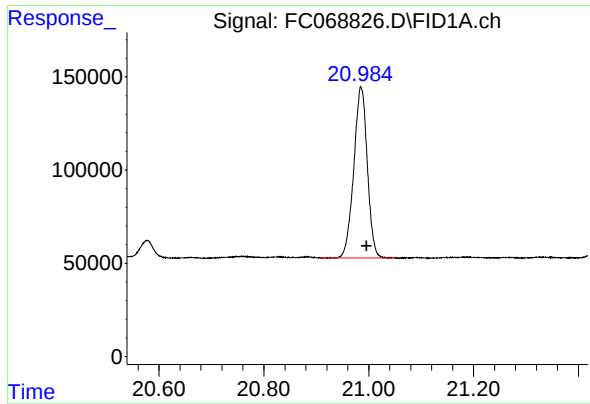
#19 n-Tetatriacontane (C34)

R.T.: 19.471 min
Delta R.T.: -0.011 min
Response: 1841462
Conc: 21.61 ug/ml



#20 n-Hexatriacontane (C36)

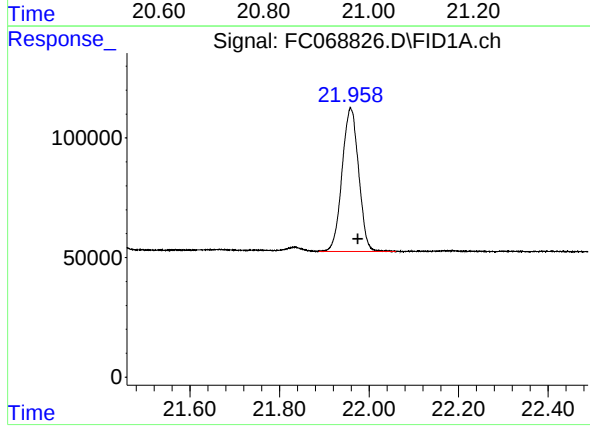
R.T.: 20.213 min
Delta R.T.: -0.010 min
Response: 1754672
Conc: 20.42 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.986 min
Delta R.T.: -0.011 min
Response: 1646333
Conc: 19.63 ug/ml

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FID_C
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.959 min
Delta R.T.: -0.016 min
Response: 1542262
Conc: 18.82 ug/ml