

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC050625AL\
 Data File : FC068788.D
 Signal(s) : FID1A.ch
 Acq On : 06 May 2025 20:33
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: May 07 08:54:39 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)	11.710	2391106	20.949 ug/ml
Spiked Amount 50.000		Recovery =	41.90%
12) S 1-chlorooctadecane (S...	13.143	1704505	21.246 ug/ml
Spiked Amount 50.000		Recovery =	42.49%
Target Compounds			
1) T n-Nonane (C9)	3.443	2153061	21.406 ug/ml
2) T n-Decane (C10)	4.518	2139712	21.474 ug/ml
3) T A~Naphthalene (C11.7)	6.115	2339146	21.214 ug/ml
4) T n-Dodecane (C12)	6.543	2096179	21.571 ug/ml
5) T A~2-methylnaphthalene...	7.172	2261141	21.067 ug/ml
6) T n-Tetradecane (C14)	8.340	1992555	21.559 ug/ml
7) T n-Hexadecane (C16)	9.943	1925210	21.500 ug/ml
8) T n-Octadecane (C18)	11.387	1871809	21.339 ug/ml
10) T n-Eicosane (C20)	12.697	1820057	21.358 ug/ml
11) T n-Heneicosane (C21)	13.310	1797901	21.316 ug/ml
13) T n-Docosane (C22)	13.897	1781122	21.290 ug/ml
14) T n-Tetracosane (C24)	15.001	1762356	21.180 ug/ml
15) T n-Hexacosane (C26)	16.022	1738804	20.986 ug/ml
16) T n-Octacosane (C28)	16.972	1719279	20.803 ug/ml
17) T n-Tricontane (C30)	17.862	1744550	20.618 ug/ml
18) T n-Dotriacontane (C32)	18.695	1764011	20.479 ug/ml
19) T n-Tetratriacontane (C34)	19.480	1737543	20.394 ug/ml
20) T n-Hexatriacontane (C36)	20.221	1752386	20.389 ug/ml
21) T n-Octatriacontane (C38)	20.996	1714824	20.443 ug/ml
22) T n-Tetracontane (C40)	21.974	1675885	20.449 ug/ml

(f)=RT Delta > 1/2 Window

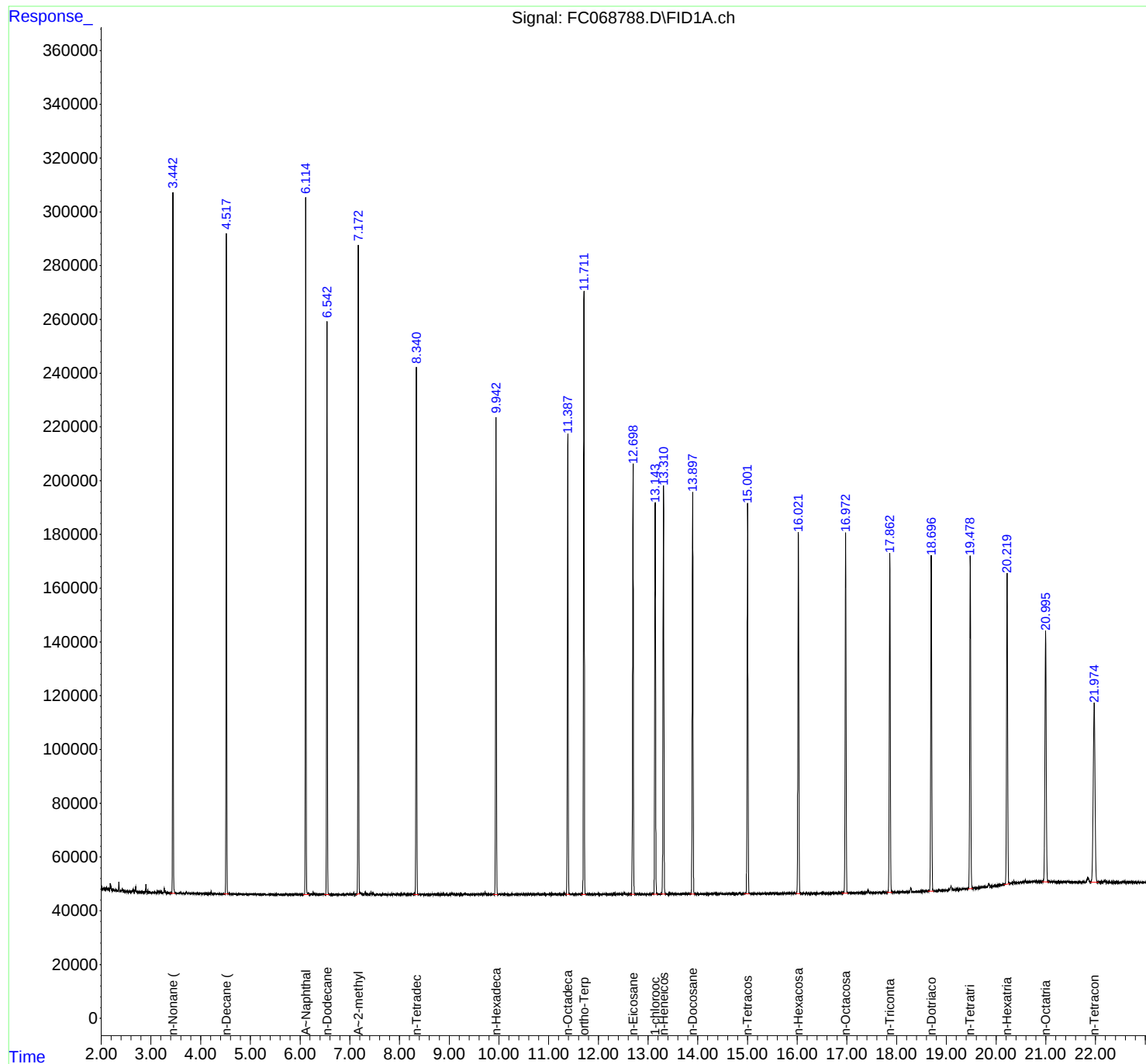
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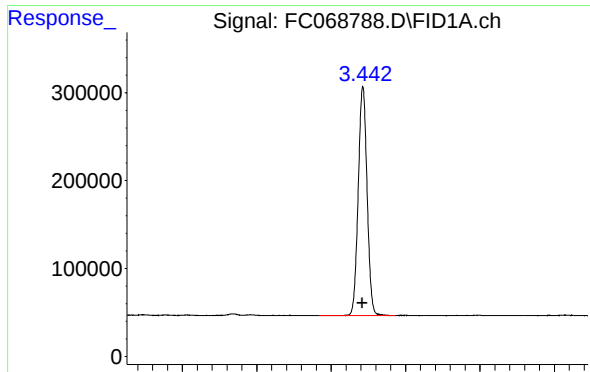
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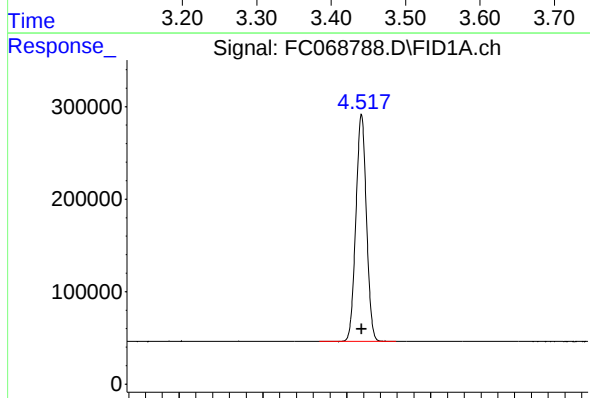




#1 n-Nonane (C9)

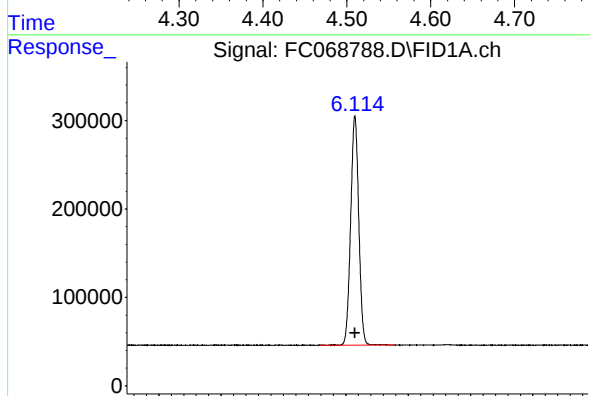
R.T.: 3.443 min
Delta R.T.: 0.000 min
Response: 2153061
Conc: 21.41 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



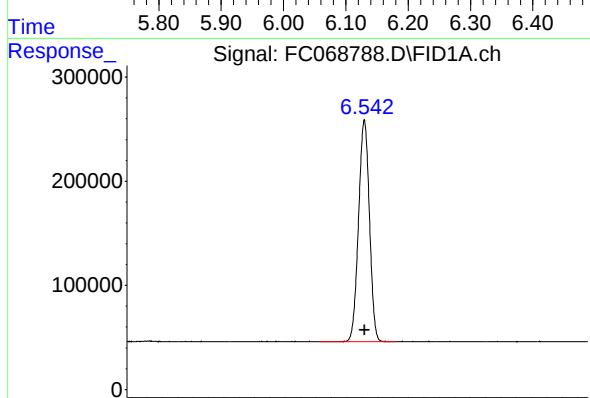
#2 n-Decane (C10)

R.T.: 4.518 min
Delta R.T.: 0.000 min
Response: 2139712
Conc: 21.47 ug/ml



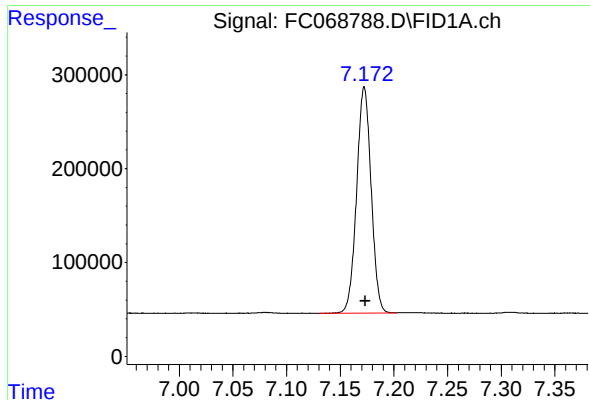
#3 A~Naphthalene (C11.7)

R.T.: 6.115 min
Delta R.T.: 0.000 min
Response: 2339146
Conc: 21.21 ug/ml



#4 n-Dodecane (C12)

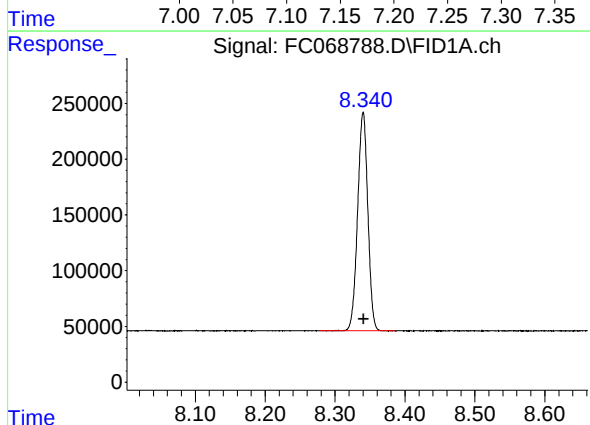
R.T.: 6.543 min
Delta R.T.: 0.000 min
Response: 2096179
Conc: 21.57 ug/ml



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

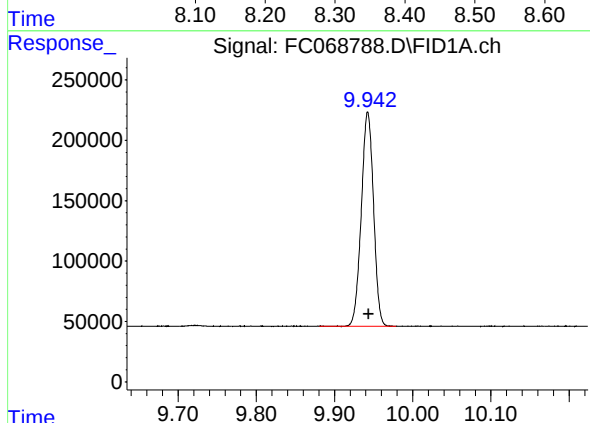
R.T.: 7.172 min
Delta R.T.: 0.000 min
Response: 2261141
Conc: 21.07 ug/ml

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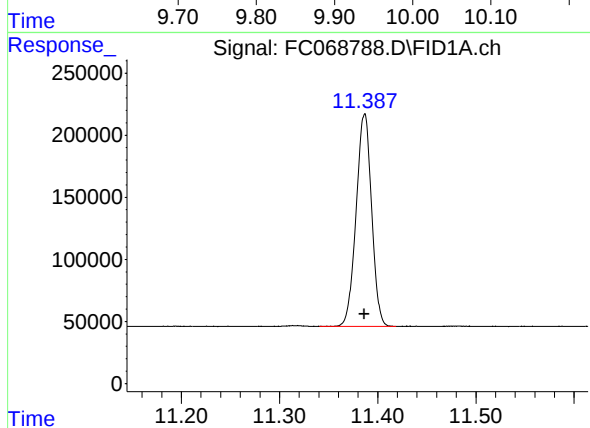
#6 n-Tetradecane (C14)

R.T.: 8.340 min
Delta R.T.: 0.000 min
Response: 1992555
Conc: 21.56 ug/ml



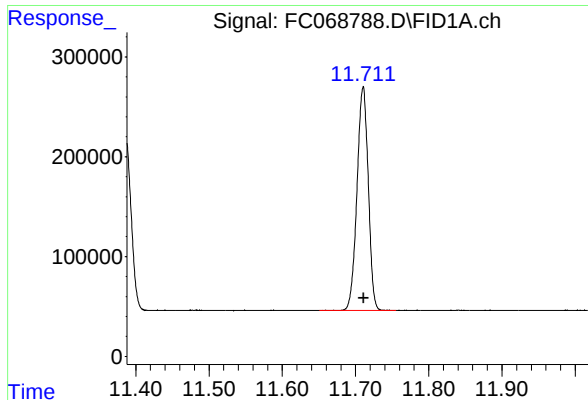
#7 n-Hexadecane (C16)

R.T.: 9.943 min
Delta R.T.: -0.001 min
Response: 1925210
Conc: 21.50 ug/ml



#8 n-Octadecane (C18)

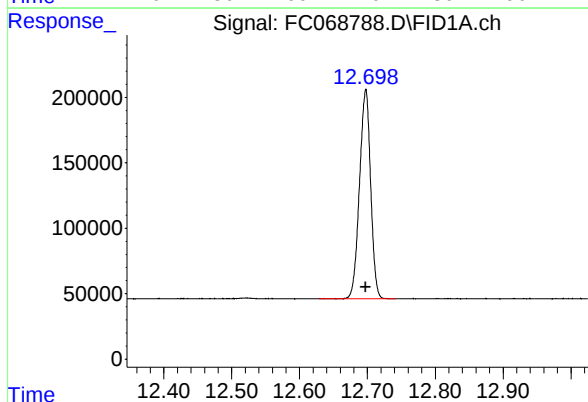
R.T.: 11.387 min
Delta R.T.: 0.000 min
Response: 1871809
Conc: 21.34 ug/ml



#9 ortho-Terphenyl (SURR)

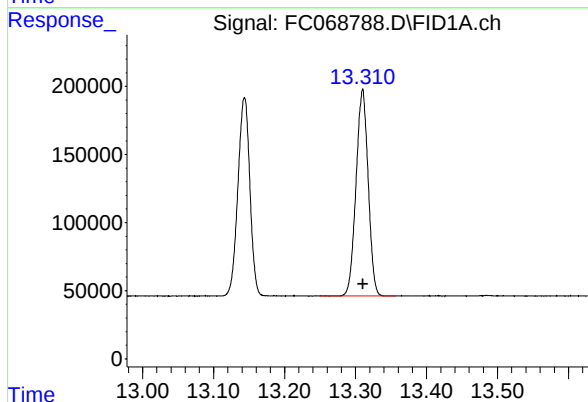
R.T.: 11.710 min
Delta R.T.: 0.000 min
Response: 2391106
Conc: 20.95 ug/ml

Instrument :
FID_C
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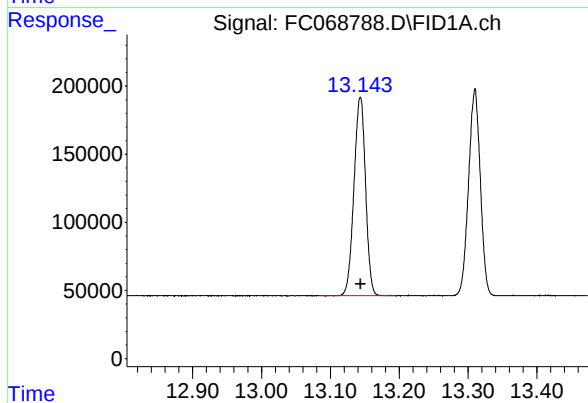
#10 n-Eicosane (C20)

R.T.: 12.697 min
Delta R.T.: 0.000 min
Response: 1820057
Conc: 21.36 ug/ml



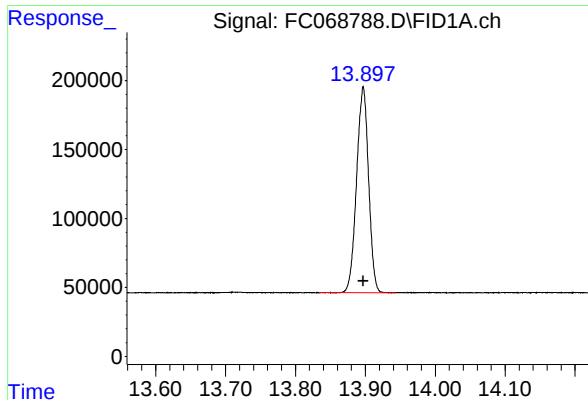
#11 n-Heneicosane (C21)

R.T.: 13.310 min
Delta R.T.: 0.000 min
Response: 1797901
Conc: 21.32 ug/ml



#12 1-chlorooctadecane (SURR)

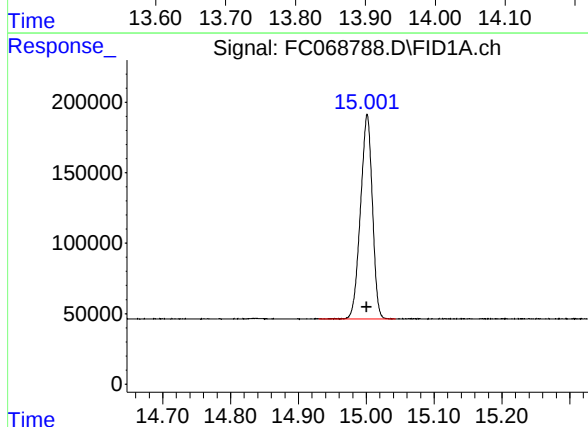
R.T.: 13.143 min
Delta R.T.: 0.000 min
Response: 1704505
Conc: 21.25 ug/ml



#13 n-Docosane (C22)

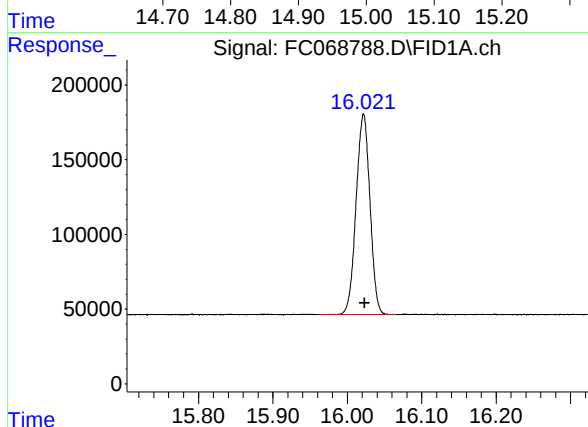
R.T.: 13.897 min
Delta R.T.: 0.000 min
Response: 1781122
Conc: 21.29 ug/ml

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20 PPM ALIPHATIC HC STD



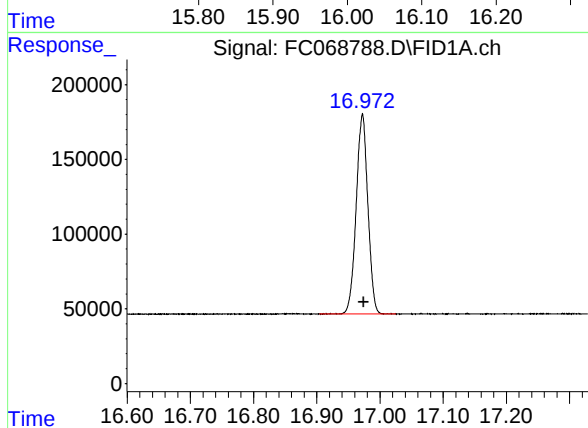
#14 n-Tetracosane (C24)

R.T.: 15.001 min
Delta R.T.: 0.000 min
Response: 1762356
Conc: 21.18 ug/ml



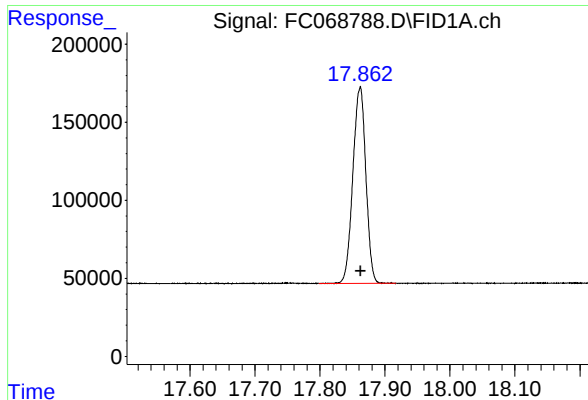
#15 n-Hexacosane (C26)

R.T.: 16.022 min
Delta R.T.: -0.001 min
Response: 1738804
Conc: 20.99 ug/ml



#16 n-Octacosane (C28)

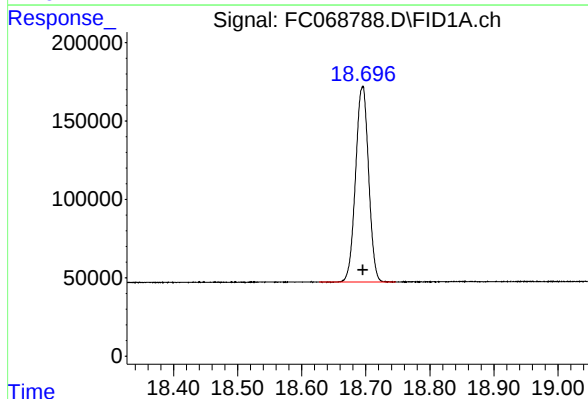
R.T.: 16.972 min
Delta R.T.: -0.002 min
Response: 1719279
Conc: 20.80 ug/ml



#17 n-Tricontane (C30)

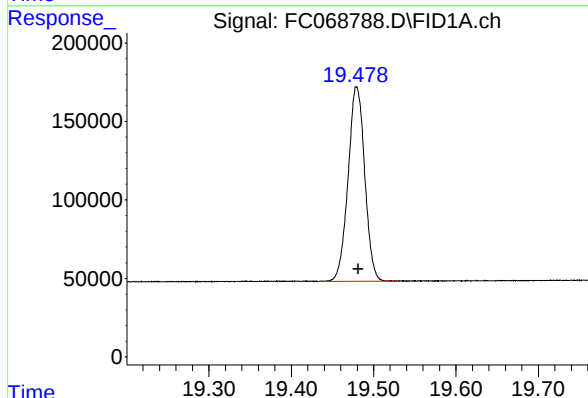
R.T.: 17.862 min
Delta R.T.: 0.000 min
Response: 1744550
Conc: 20.62 ug/ml

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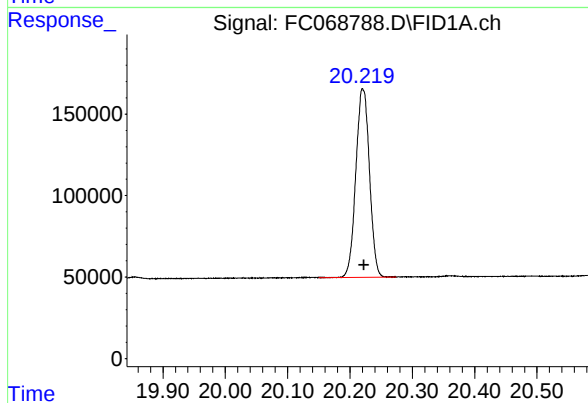
#18 n-Dotriacontane (C32)

R.T.: 18.695 min
Delta R.T.: 0.000 min
Response: 1764011
Conc: 20.48 ug/ml



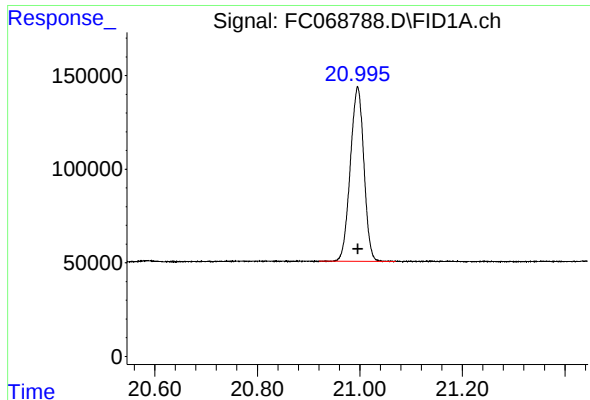
#19 n-Tetatriacontane (C34)

R.T.: 19.480 min
Delta R.T.: -0.002 min
Response: 1737543
Conc: 20.39 ug/ml



#20 n-Hexatriacontane (C36)

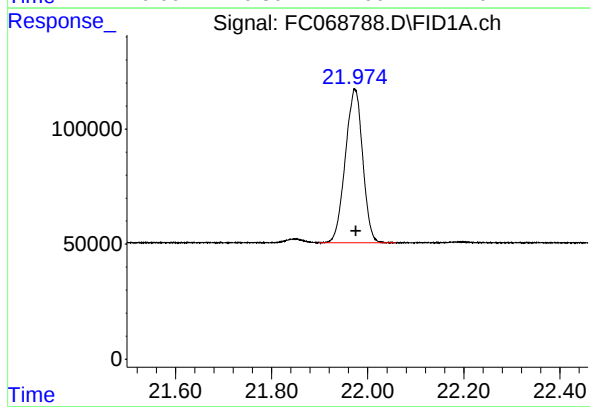
R.T.: 20.221 min
Delta R.T.: -0.002 min
Response: 1752386
Conc: 20.39 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.996 min
Delta R.T.: 0.000 min
Response: 1714824
Conc: 20.44 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.974 min
Delta R.T.: -0.002 min
Response: 1675885
Conc: 20.45 ug/ml