

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC052219AL\
 Data File : FC041391.D
 Signal(s) : FID1A.CH
 Acq On : 22 May 2019 10:38
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: May 23 01:20:44 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 051519.M
 Quant Title : GC Extractables
 QLast Update : Wed May 15 16:14:00 2019
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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)	11.700	2058457	20.402 ug/ml
Spiked Amount 50.000		Recovery =	40.80%
12) S 1-chlorooctadecane (S...	13.125	1610452	20.284 ug/ml
Spiked Amount 50.000		Recovery =	40.57%
Target Compounds			
1) T n-Nonane (C9)	3.479	1713356	19.963 ug/ml
2) T n-Decane (C10)	4.549	1745260	20.025 ug/ml
3) T A~Naphthalene (C11.7)	6.139	2059417	20.048 ug/ml
4) T n-Dodecane (C12)	6.560	1764123	20.009 ug/ml
5) T A~2-methylnaphthalene...	7.190	2081758	20.129 ug/ml
6) T n-Tetradecane (C14)	8.346	1795056	20.024 ug/ml
7) T n-Hexadecane (C16)	9.939	1810193	20.065 ug/ml
8) T n-Octadecane (C18)	11.376	1826895	20.220 ug/ml
10) T n-Eicosane (C20)	12.681	1856572	20.399 ug/ml
11) T n-Heneicosane (C21)	13.290	1851074	20.429 ug/ml
13) T n-Docosane (C22)	13.875	1871569	20.660 ug/ml
14) T n-Tetracosane (C24)	14.973	1912995	21.039 ug/ml
15) T n-Hexacosane (C26)	15.991	1933101	21.299 ug/ml
16) T n-Octacosane (C28)	16.938	1964782	21.459 ug/ml
17) T n-Tricontane (C30)	17.824	1941451	21.609 ug/ml
18) T n-Dotriacontane (C32)	18.653	1811257	21.646 ug/ml
19) T n-Tetratriacontane (C34)	19.435	1513737	21.175 ug/ml
20) T n-Hexatriacontane (C36)	20.172	1358872	21.325 ug/mlm
21) T n-Octatriacontane (C38)	20.921	1304201	21.612 ug/ml
22) T n-Tetracontane (C40)	21.862	1173141	19.939 ug/ml

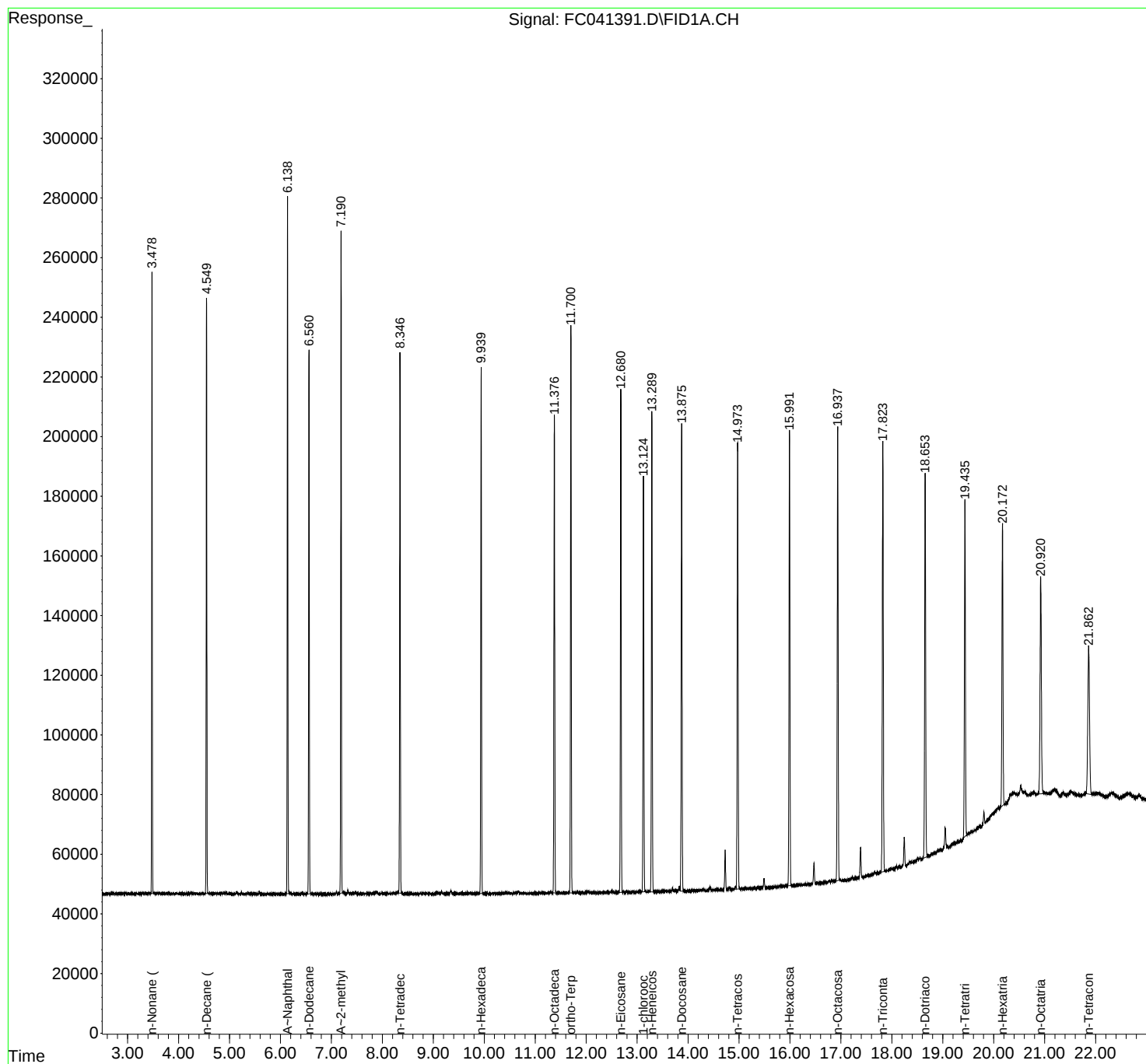
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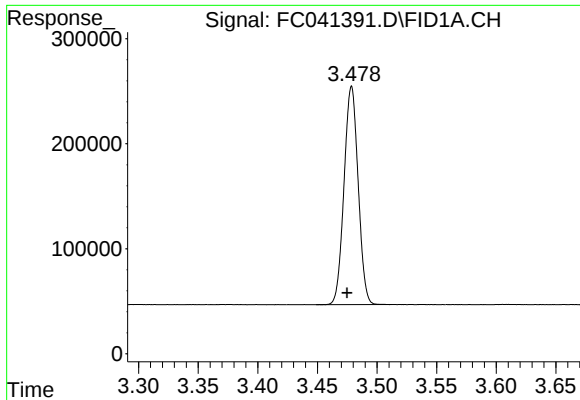
(m)=manual int.

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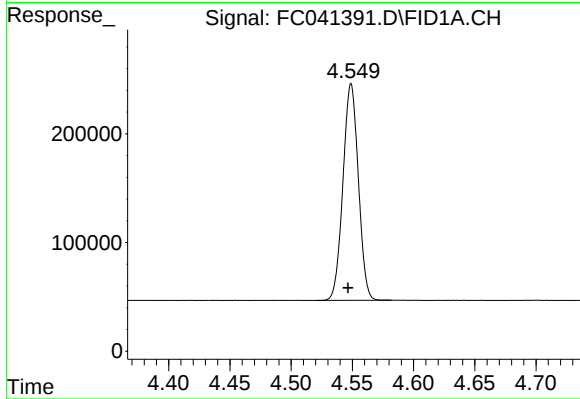
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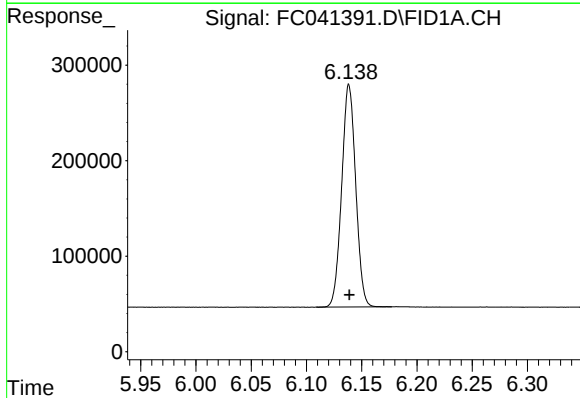
#1 n-Nonane (C9)

R.T.: 3.479 min
Delta R.T.: 0.004 min
Response: 1713356
Conc: 19.96 ug/ml



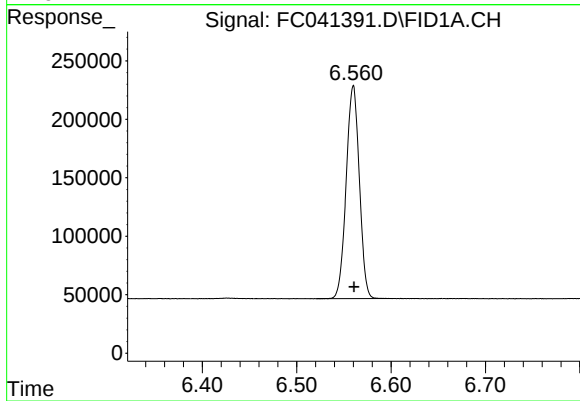
#2 n-Decane (C10)

R.T.: 4.549 min
Delta R.T.: 0.003 min
Response: 1745260
Conc: 20.02 ug/ml



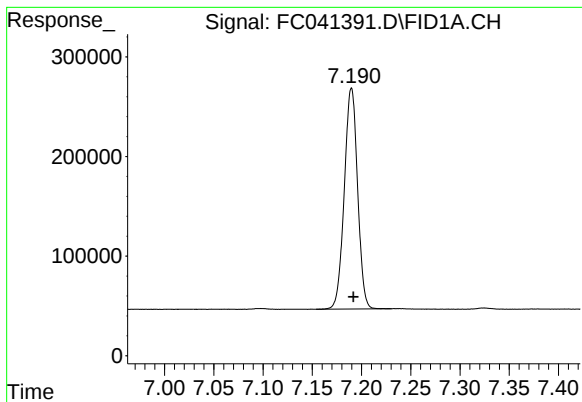
#3 A~Naphthalene (C11.7)

R.T.: 6.139 min
Delta R.T.: 0.000 min
Response: 2059417
Conc: 20.05 ug/ml



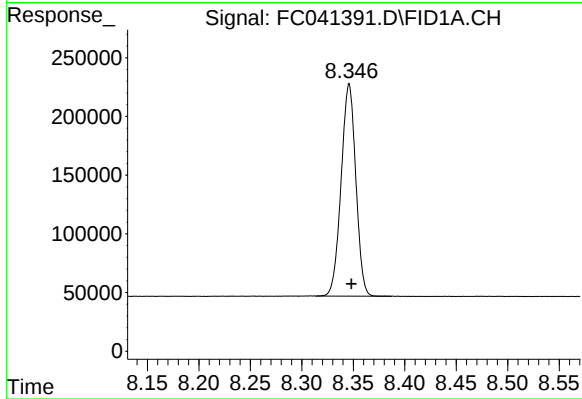
#4 n-Dodecane (C12)

R.T.: 6.560 min
Delta R.T.: 0.000 min
Response: 1764123
Conc: 20.01 ug/ml



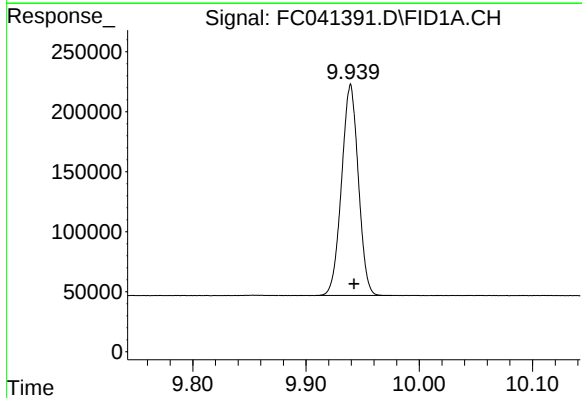
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.190 min
Delta R.T.: -0.002 min
Response: 2081758
Conc: 20.13 ug/ml



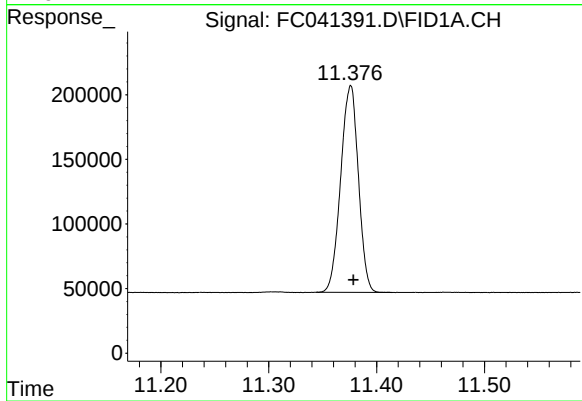
#6 n-Tetradecane (C14)

R.T.: 8.346 min
Delta R.T.: -0.002 min
Response: 1795056
Conc: 20.02 ug/ml



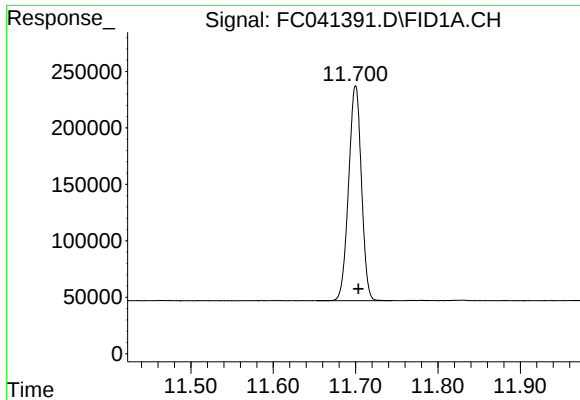
#7 n-Hexadecane (C16)

R.T.: 9.939 min
Delta R.T.: -0.003 min
Response: 1810193
Conc: 20.06 ug/ml



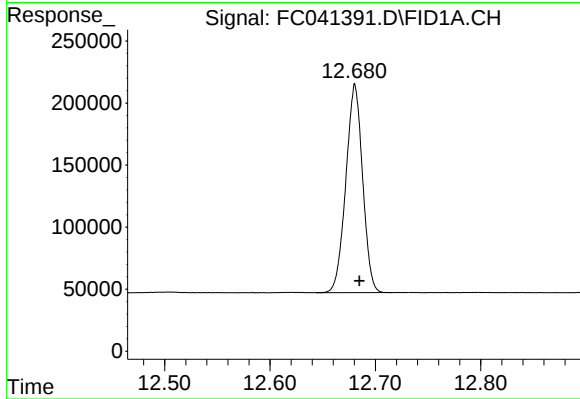
#8 n-Octadecane (C18)

R.T.: 11.376 min
Delta R.T.: -0.003 min
Response: 1826895
Conc: 20.22 ug/ml



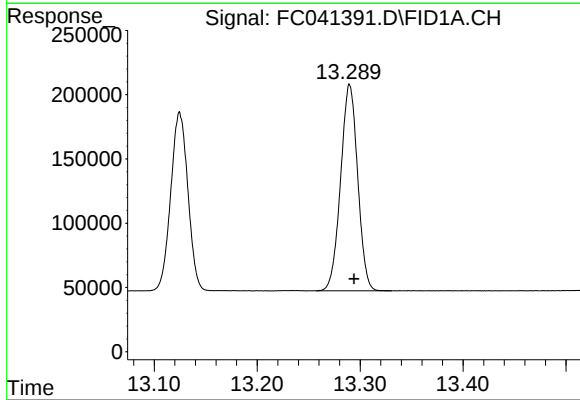
#9 ortho-Terphenyl (SURR)

R.T.: 11.700 min
Delta R.T.: -0.004 min
Response: 2058457
Conc: 20.40 ug/ml



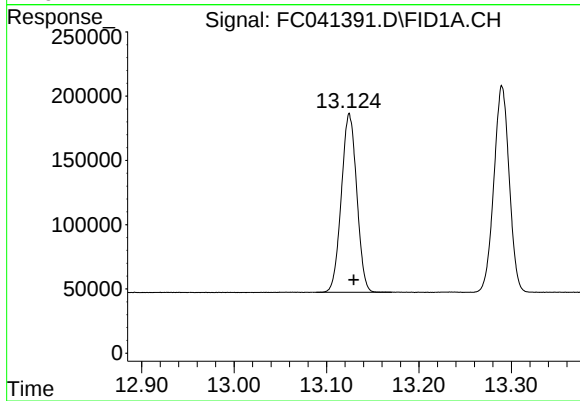
#10 n-Eicosane (C20)

R.T.: 12.681 min
Delta R.T.: -0.004 min
Response: 1856572
Conc: 20.40 ug/ml



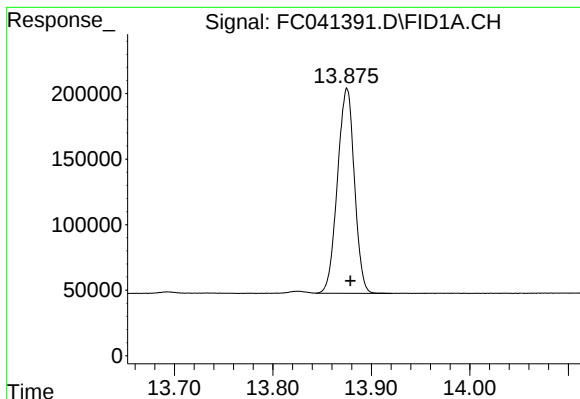
#11 n-Heneicosane (C21)

R.T.: 13.290 min
Delta R.T.: -0.004 min
Response: 1851074
Conc: 20.43 ug/ml



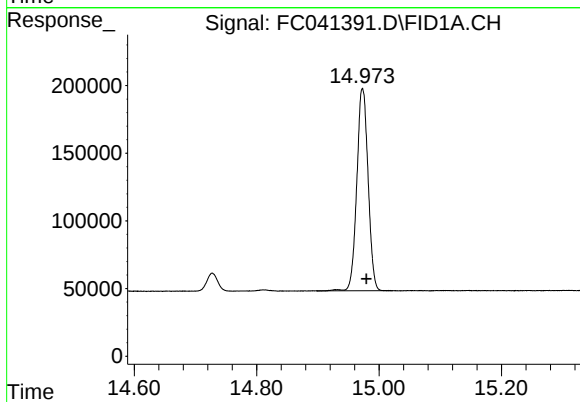
#12 1-chlorooctadecane (SURR)

R.T.: 13.125 min
Delta R.T.: -0.005 min
Response: 1610452
Conc: 20.28 ug/ml



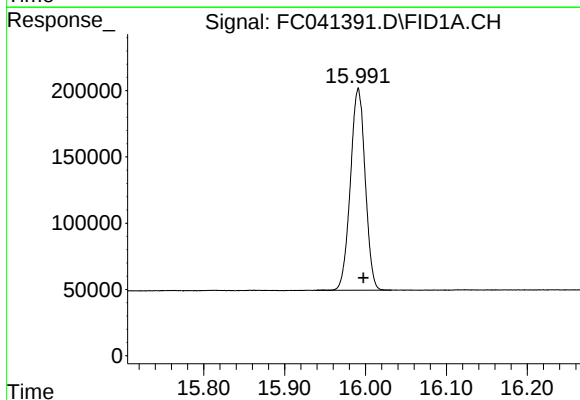
#13 n-Docosane (C22)

R.T.: 13.875 min
Delta R.T.: -0.004 min
Response: 1871569
Conc: 20.66 ug/ml



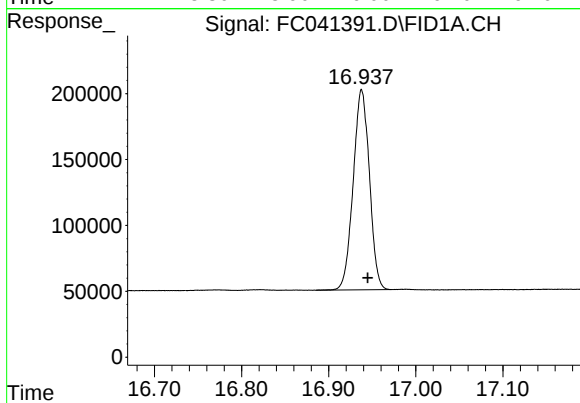
#14 n-Tetracosane (C24)

R.T.: 14.973 min
Delta R.T.: -0.006 min
Response: 1912995
Conc: 21.04 ug/ml



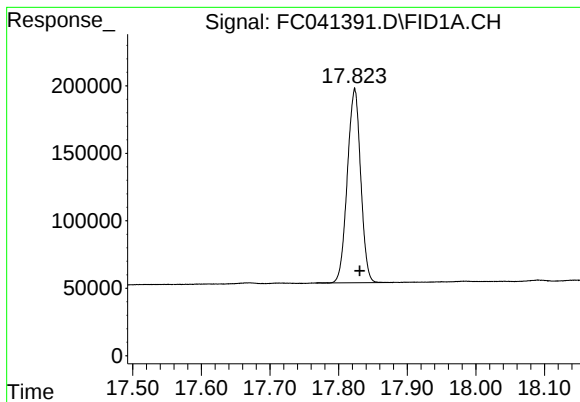
#15 n-Hexacosane (C26)

R.T.: 15.991 min
Delta R.T.: -0.007 min
Response: 1933101
Conc: 21.30 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.938 min
Delta R.T.: -0.007 min
Response: 1964782
Conc: 21.46 ug/ml



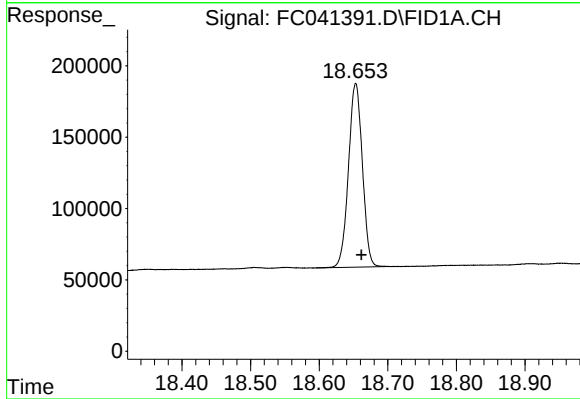
#17 n-Tricontane (C30)

R.T.: 17.824 min

Delta R.T.: -0.007 min

Response: 1941451

Conc: 21.61 ug/ml



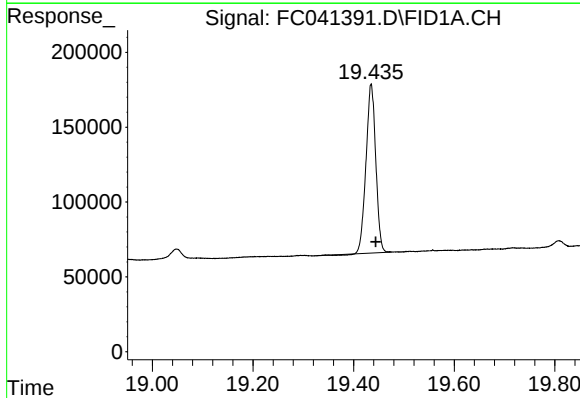
#18 n-Dotriacontane (C32)

R.T.: 18.653 min

Delta R.T.: -0.008 min

Response: 1811257

Conc: 21.65 ug/ml



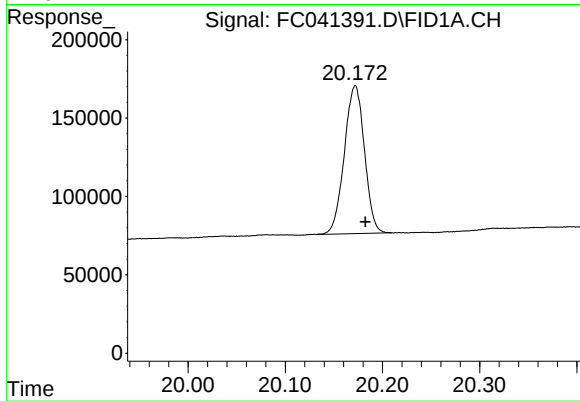
#19 n-Tetratriacontane (C34)

R.T.: 19.435 min

Delta R.T.: -0.009 min

Response: 1513737

Conc: 21.18 ug/ml



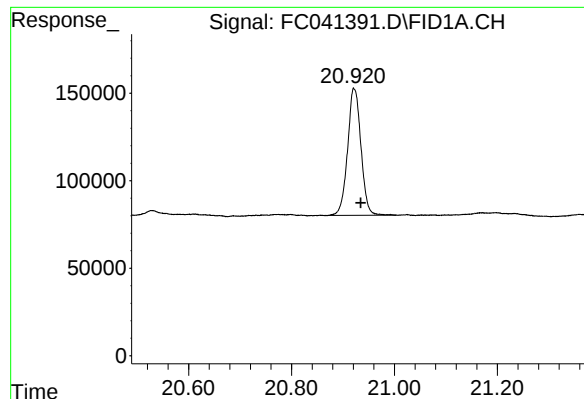
#20 n-Hexatriacontane (C36)

R.T.: 20.172 min

Delta R.T.: -0.011 min

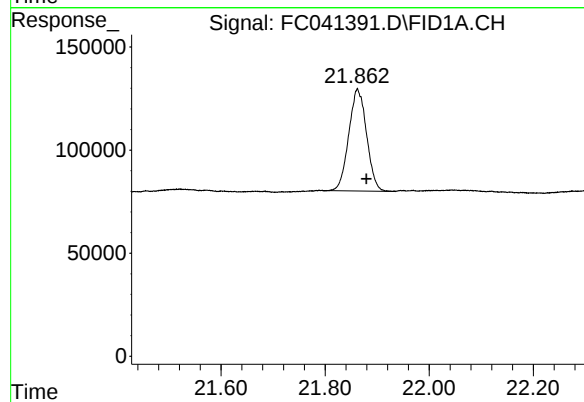
Response: 1358872

Conc: 21.33 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.921 min
Delta R.T.: -0.013 min
Response: 1304201
Conc: 21.61 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.862 min
Delta R.T.: -0.018 min
Response: 1173141
Conc: 19.94 ug/ml