

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC100920AL\
 Data File : FC050014.D
 Signal(s) : FID1A.CH
 Acq On : 10 Oct 2020 7:40
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 10 08:13:03 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 100620.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 07 04:53:04 2020
 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)	11.649	2295967	20.483 ug/ml
Spiked Amount 50.000		Recovery =	40.97%
12) S 1-chlorooctadecane (S...	13.082	1778709	20.534 ug/ml
Spiked Amount 50.000		Recovery =	41.07%
Target Compounds			
1) T n-Nonane (C9)	3.387	2130543	21.499 ug/ml
2) T n-Decane (C10)	4.460	2158909	21.684 ug/ml
3) T A~Naphthalene (C11.7)	6.057	2360479	21.416 ug/ml
4) T n-Dodecane (C12)	6.483	2182245	21.627 ug/ml
5) T A~2-methylnaphthalene...	7.115	2389740	21.470 ug/ml
6) T n-Tetradecane (C14)	8.281	2160590	21.567 ug/ml
7) T n-Hexadecane (C16)	9.883	2110605	21.415 ug/ml
8) T n-Octadecane (C18)	11.326	2178833	21.098 ug/ml
10) T n-Eicosane (C20)	12.635	2164004	20.797 ug/ml
11) T n-Heneicosane (C21)	13.248	2140756	20.601 ug/ml
13) T n-Docosane (C22)	13.835	2136646	20.583 ug/ml
14) T n-Tetracosane (C24)	14.936	2100171	20.220 ug/ml
15) T n-Hexacosane (C26)	15.957	2042922	19.825 ug/ml
16) T n-Octacosane (C28)	16.908	2009314	19.415 ug/ml
17) T n-Tricontane (C30)	17.792	1969450	19.299 ug/mlm
18) T n-Dotriacontane (C32)	18.623	1830019	19.049 ug/mlm
19) T n-Tetratriacontane (C34)	19.407	1775713	19.359 ug/ml
20) T n-Hexatriacontane (C36)	20.145	1714240	19.353 ug/mlm
21) T n-Octatriacontane (C38)	20.894	1755244	21.287 ug/mlm
22) T n-Tetracontane (C40)	21.838	1699959	20.329 ug/ml

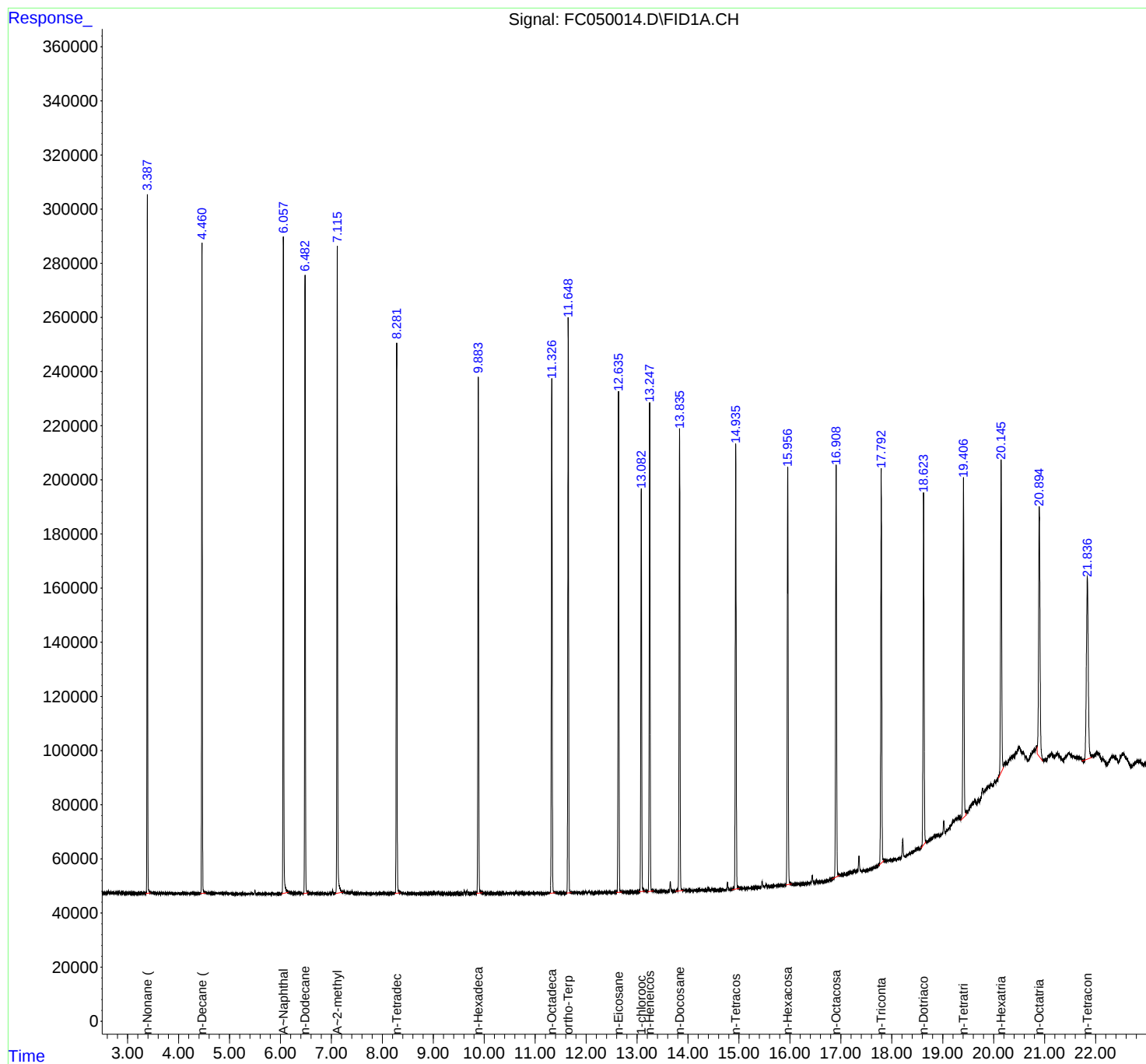
(f)=RT Delta > 1/2 Window

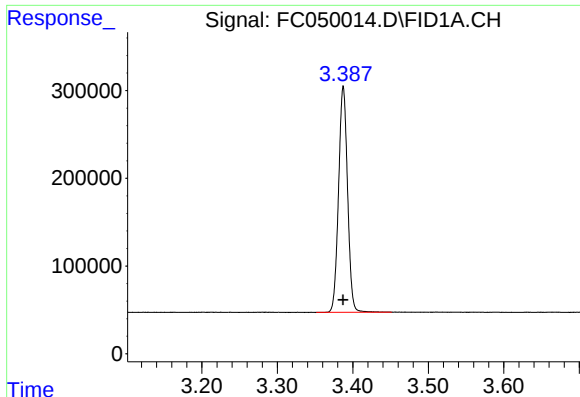
(m)=manual int.

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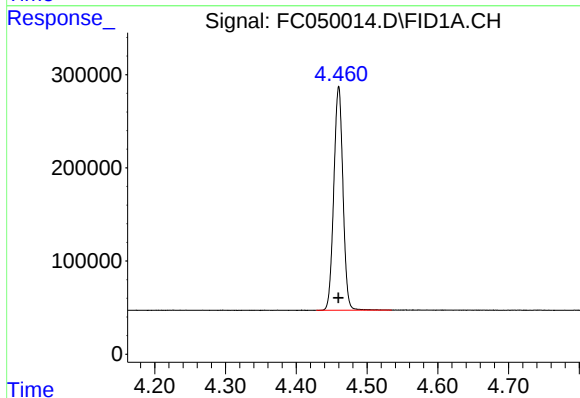
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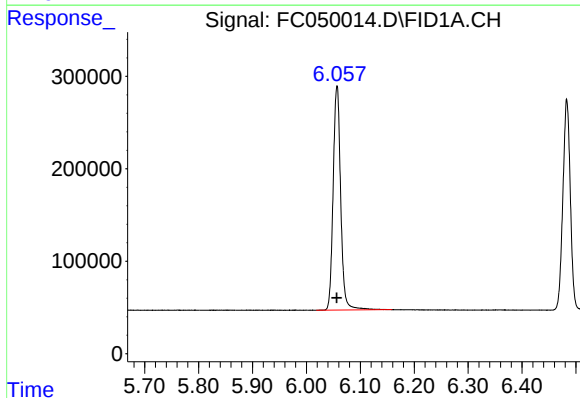
#1 n-Nonane (C9)

R.T.: 3.387 min
Delta R.T.: 0.000 min
Response: 2130543
Conc: 21.50 ug/ml



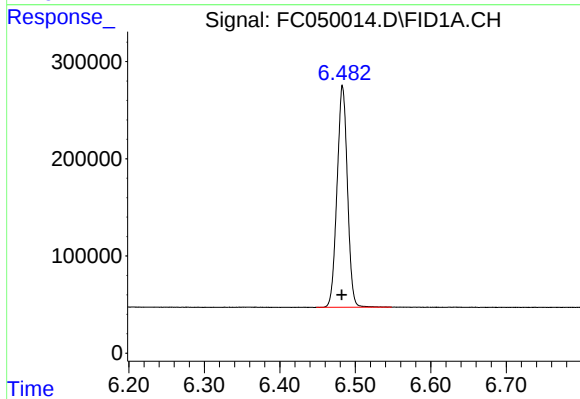
#2 n-Decane (C10)

R.T.: 4.460 min
Delta R.T.: 0.000 min
Response: 2158909
Conc: 21.68 ug/ml



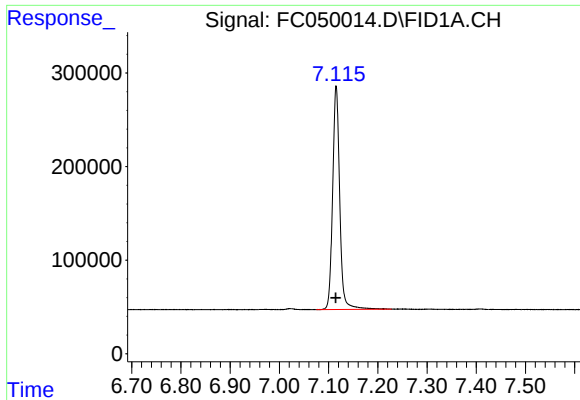
#3 A~Naphthalene (C11.7)

R.T.: 6.057 min
Delta R.T.: 0.000 min
Response: 2360479
Conc: 21.42 ug/ml



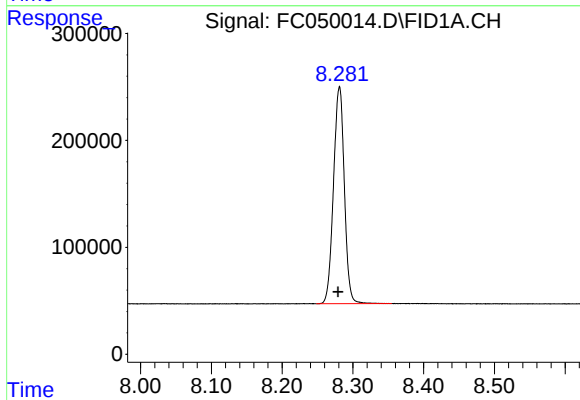
#4 n-Dodecane (C12)

R.T.: 6.483 min
Delta R.T.: 0.001 min
Response: 2182245
Conc: 21.63 ug/ml



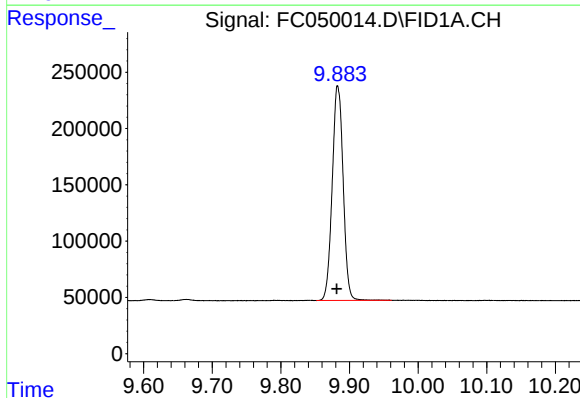
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.115 min
Delta R.T.: 0.001 min
Response: 2389740
Conc: 21.47 ug/ml



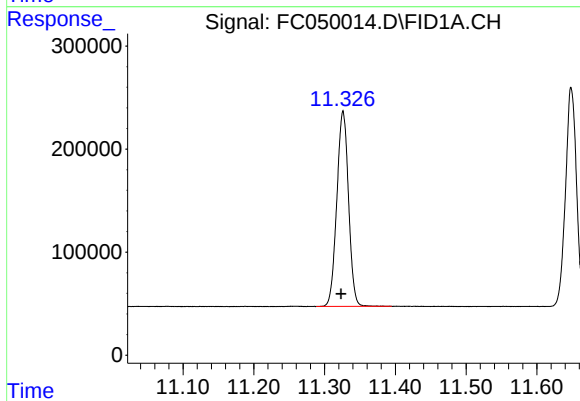
#6 n-Tetradecane (C14)

R.T.: 8.281 min
Delta R.T.: 0.002 min
Response: 2160590
Conc: 21.57 ug/ml



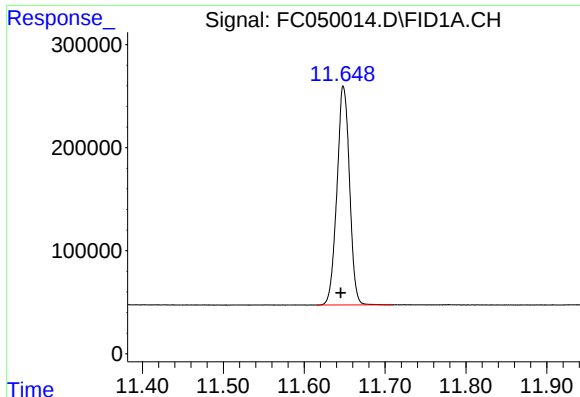
#7 n-Hexadecane (C16)

R.T.: 9.883 min
Delta R.T.: 0.002 min
Response: 2110605
Conc: 21.42 ug/ml



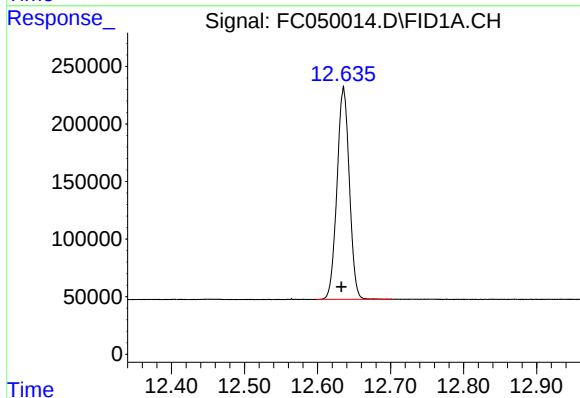
#8 n-Octadecane (C18)

R.T.: 11.326 min
Delta R.T.: 0.003 min
Response: 2178833
Conc: 21.10 ug/ml



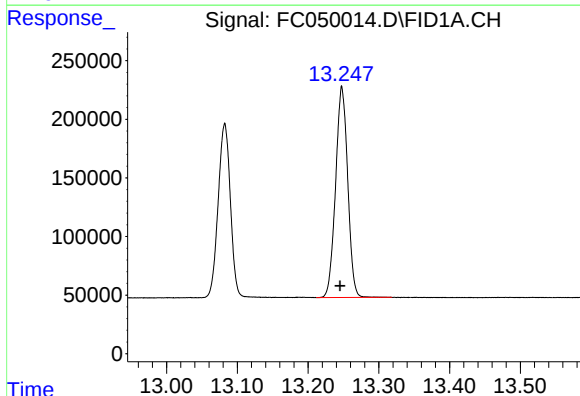
#9 ortho-Terphenyl (SURR)

R.T.: 11.649 min
Delta R.T.: 0.004 min
Response: 2295967
Conc: 20.48 ug/ml



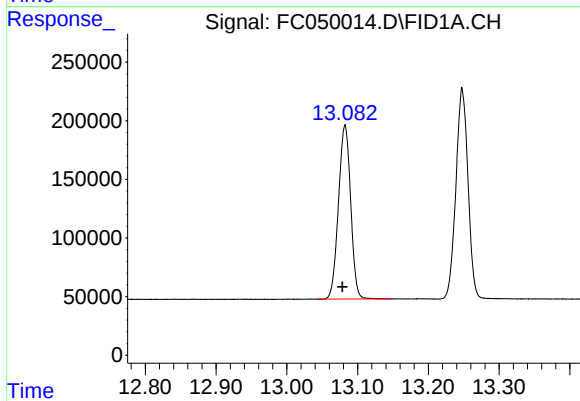
#10 n-Eicosane (C20)

R.T.: 12.635 min
Delta R.T.: 0.003 min
Response: 2164004
Conc: 20.80 ug/ml



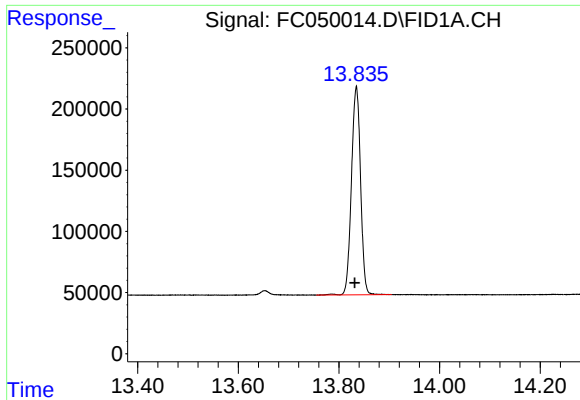
#11 n-Heneicosane (C21)

R.T.: 13.248 min
Delta R.T.: 0.003 min
Response: 2140756
Conc: 20.60 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.082 min
Delta R.T.: 0.004 min
Response: 1778709
Conc: 20.53 ug/ml



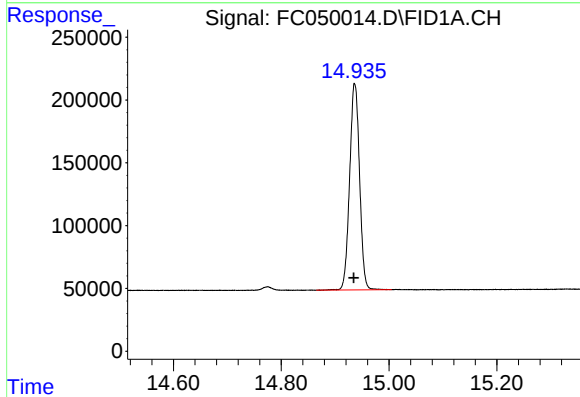
#13 n-Docosane (C22)

R.T.: 13.835 min

Delta R.T.: 0.003 min

Response: 2136646

Conc: 20.58 ug/ml



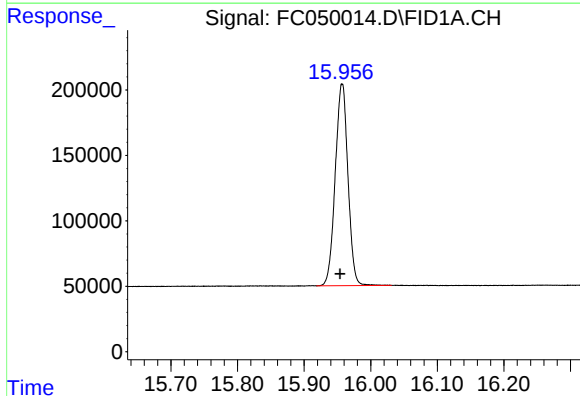
#14 n-Tetracosane (C24)

R.T.: 14.936 min

Delta R.T.: 0.002 min

Response: 2100171

Conc: 20.22 ug/ml



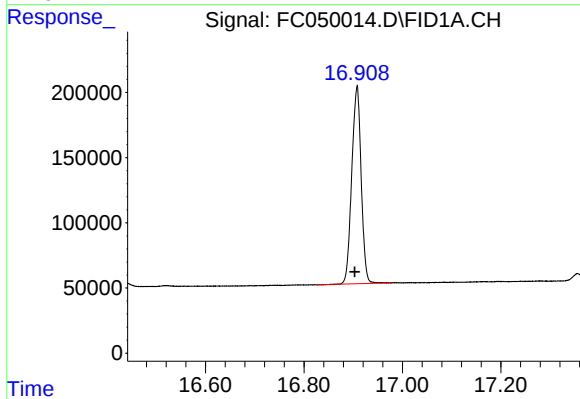
#15 n-Hexacosane (C26)

R.T.: 15.957 min

Delta R.T.: 0.003 min

Response: 2042922

Conc: 19.83 ug/ml



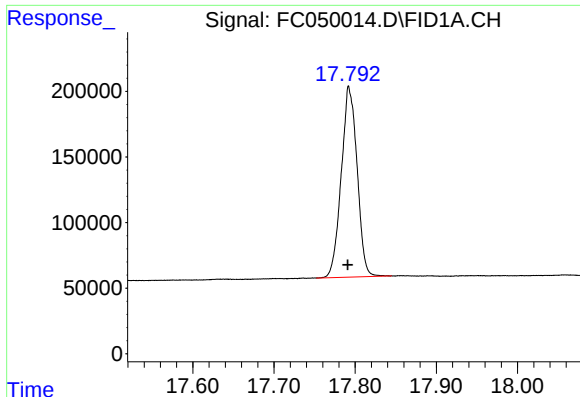
#16 n-Octacosane (C28)

R.T.: 16.908 min

Delta R.T.: 0.004 min

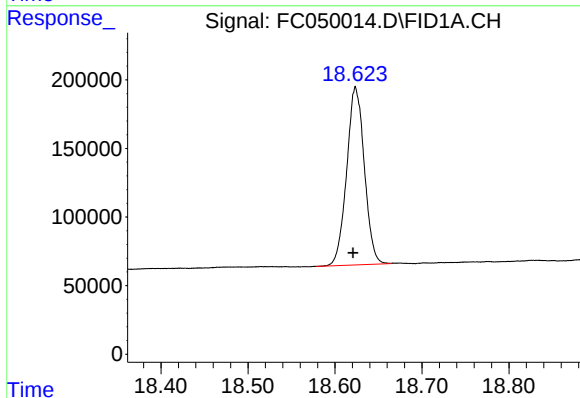
Response: 2009314

Conc: 19.41 ug/ml



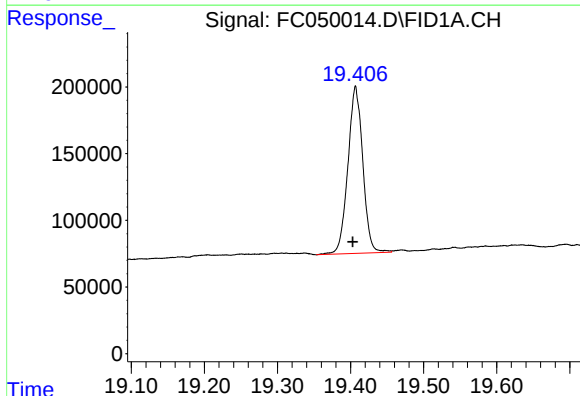
#17 n-Tricontane (C30)

R.T.: 17.792 min
Delta R.T.: 0.000 min
Response: 1969450
Conc: 19.30 ug/ml m



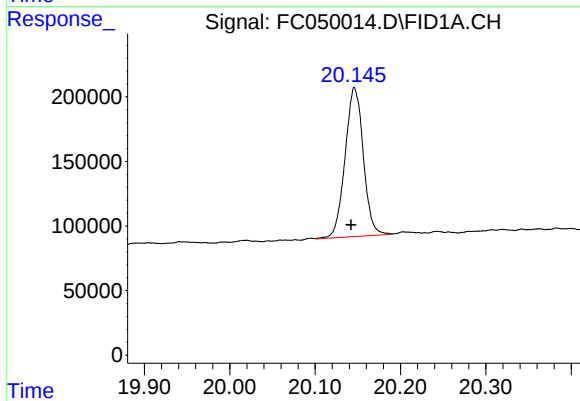
#18 n-Dotriacontane (C32)

R.T.: 18.623 min
Delta R.T.: 0.002 min
Response: 1830019
Conc: 19.05 ug/ml m



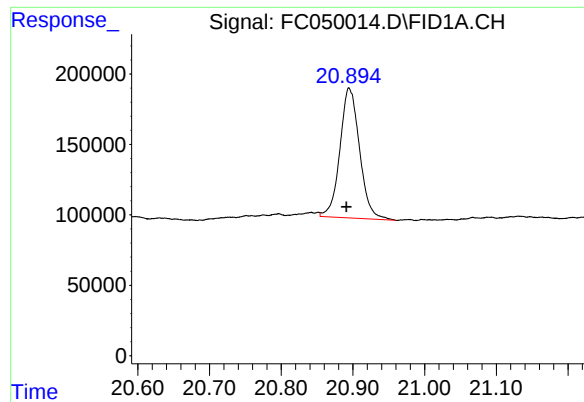
#19 n-Tetratriacontane (C34)

R.T.: 19.407 min
Delta R.T.: 0.004 min
Response: 1775713
Conc: 19.36 ug/ml



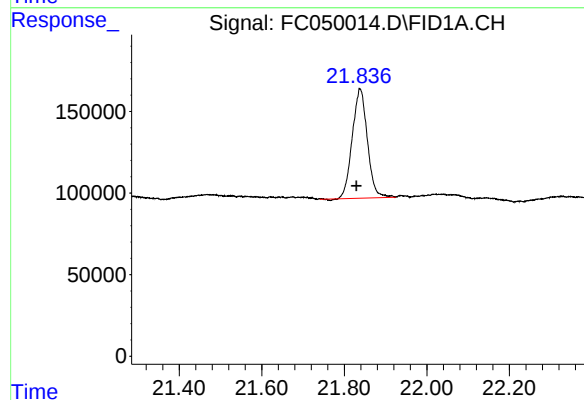
#20 n-Hexatriacontane (C36)

R.T.: 20.145 min
Delta R.T.: 0.003 min
Response: 1714240
Conc: 19.35 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.894 min
Delta R.T.: 0.003 min
Response: 1755244
Conc: 21.29 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.838 min
Delta R.T.: 0.009 min
Response: 1699959
Conc: 20.33 ug/ml