

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC051719AL\
 Data File : FC041291.D
 Signal(s) : FID1A.CH
 Acq On : 18 May 2019 9:52
 Operator : EI\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: May 18 10:58:13 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic 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)	11.702	2065839	20.475 ug/ml
Spiked Amount 50.000		Recovery =	40.95%
12) S 1-chlorooctadecane (S...	13.127	1633993	20.580 ug/ml
Spiked Amount 50.000		Recovery =	41.16%
Target Compounds			
1) T n-Nonane (C9)	3.478	1730952	20.168 ug/ml
2) T n-Decane (C10)	4.549	1775784	20.375 ug/ml
3) T A~Naphthalene (C11.7)	6.139	2093719	20.382 ug/ml
4) T n-Dodecane (C12)	6.561	1802523	20.445 ug/ml
5) T A~2-methylnaphthalene...	7.190	2111770	20.420 ug/ml
6) T n-Tetradecane (C14)	8.346	1837679	20.499 ug/ml
7) T n-Hexadecane (C16)	9.941	1849432	20.500 ug/ml
8) T n-Octadecane (C18)	11.378	1861922	20.608 ug/ml
10) T n-Eicosane (C20)	12.682	1867252	20.516 ug/ml
11) T n-Heneicosane (C21)	13.293	1861198	20.541 ug/ml
13) T n-Docosane (C22)	13.877	1867401	20.614 ug/ml
14) T n-Tetracosane (C24)	14.977	1883969	20.720 ug/ml
15) T n-Hexacosane (C26)	15.995	1905598	20.996 ug/ml
16) T n-Octacosane (C28)	16.942	1958589	21.392 ug/ml
17) T n-Tricontane (C30)	17.827	1958687	21.801 ug/ml
18) T n-Dotriacontane (C32)	18.656	1839408	21.982 ug/ml
19) T n-Tetratriacontane (C34)	19.438	1549921	21.681 ug/mlm
20) T n-Hexatriacontane (C36)	20.177	1355196	21.268 ug/mlm
21) T n-Octatriacontane (C38)	20.928	1306491	21.650 ug/ml
22) T n-Tetracontane (C40)	21.871	993861	16.892 ug/ml

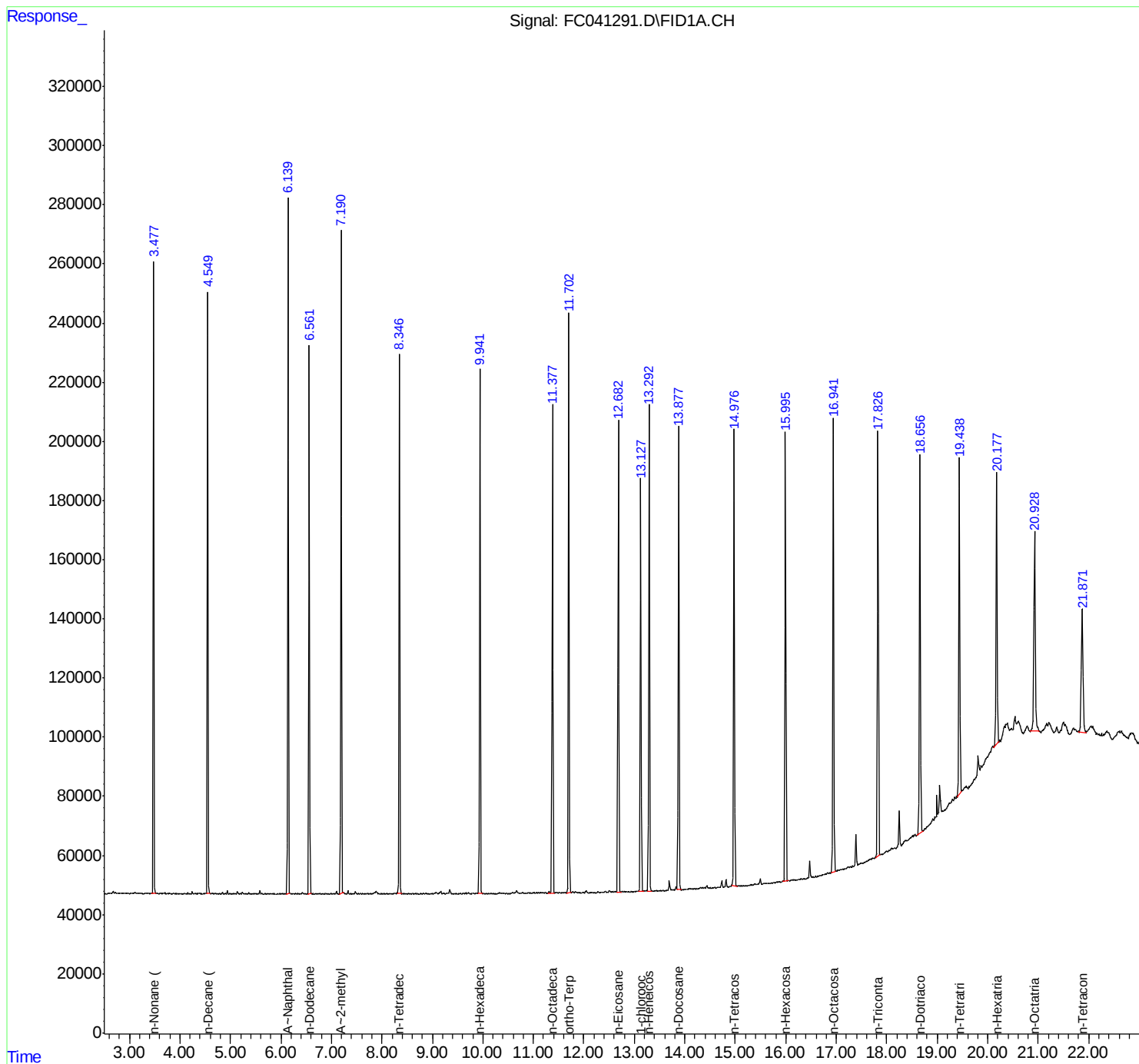
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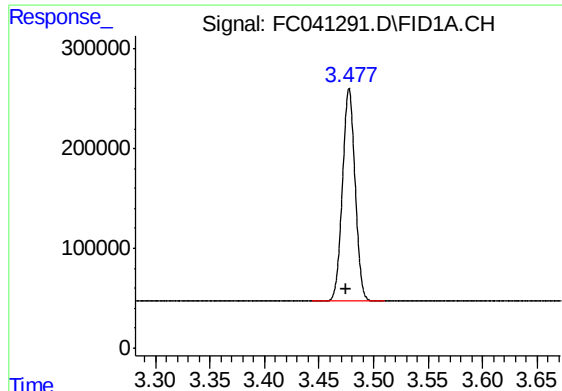
(m)=manual int.

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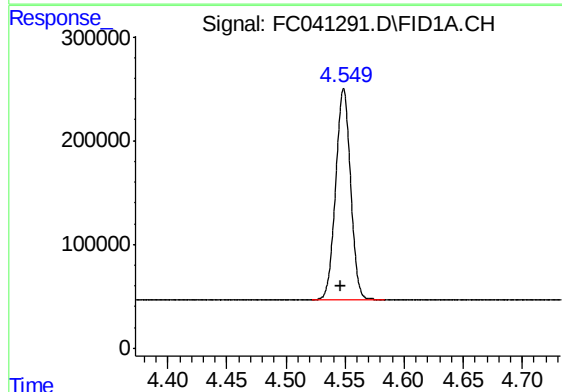
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





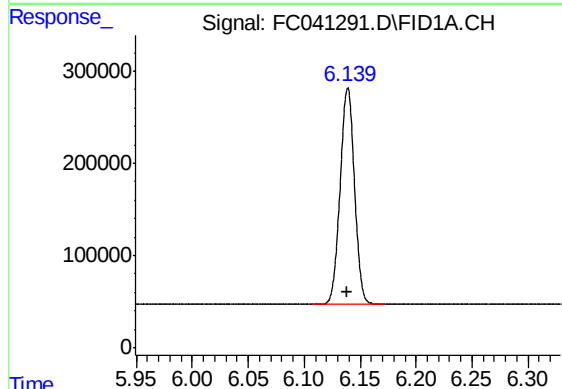
#1 n-Nonane (C9)

R.T.: 3.478 min
Delta R.T.: 0.003 min
Response: 1730952
Conc: 20.17 ug/ml



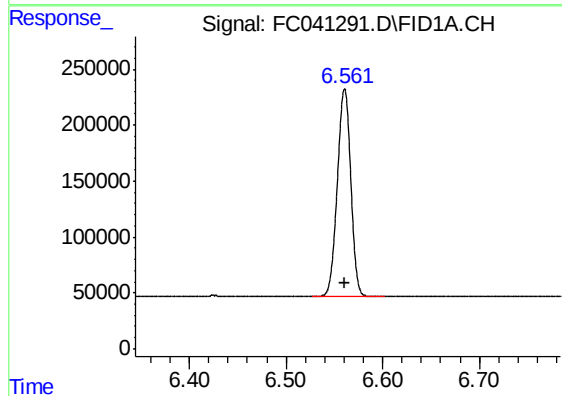
#2 n-Decane (C10)

R.T.: 4.549 min
Delta R.T.: 0.002 min
Response: 1775784
Conc: 20.38 ug/ml



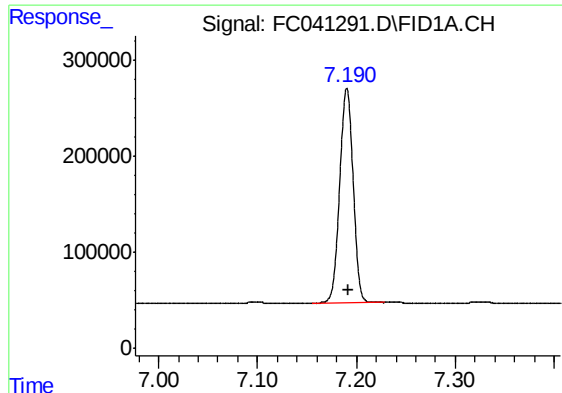
#3 A~Naphthalene (C11.7)

R.T.: 6.139 min
Delta R.T.: 0.000 min
Response: 2093719
Conc: 20.38 ug/ml



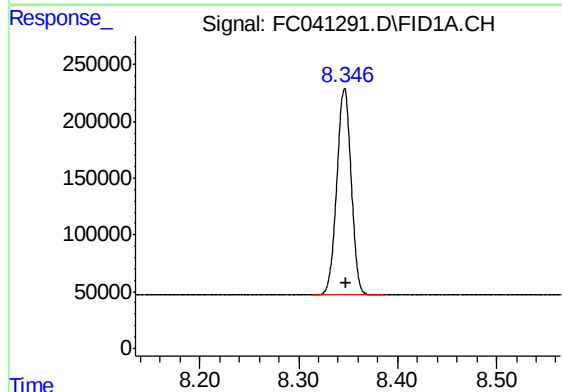
#4 n-Dodecane (C12)

R.T.: 6.561 min
Delta R.T.: 0.000 min
Response: 1802523
Conc: 20.44 ug/ml



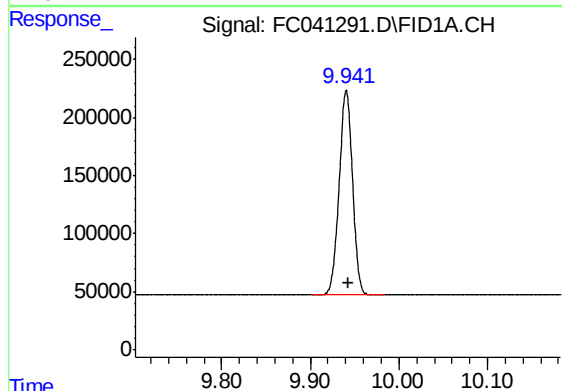
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.190 min
Delta R.T.: -0.001 min
Response: 2111770
Conc: 20.42 ug/ml



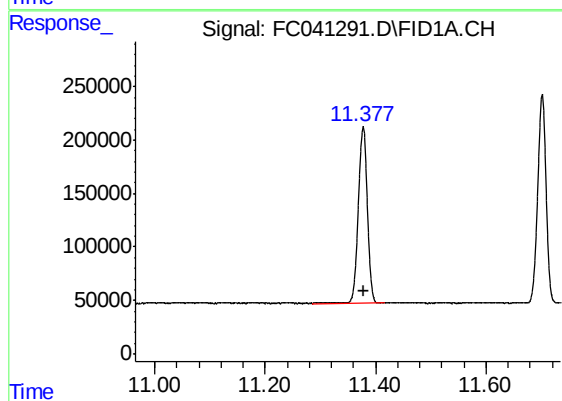
#6 n-Tetradecane (C14)

R.T.: 8.346 min
Delta R.T.: -0.002 min
Response: 1837679
Conc: 20.50 ug/ml



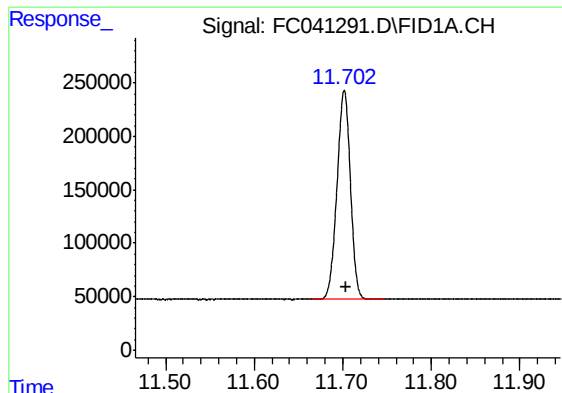
#7 n-Hexadecane (C16)

R.T.: 9.941 min
Delta R.T.: -0.002 min
Response: 1849432
Conc: 20.50 ug/ml



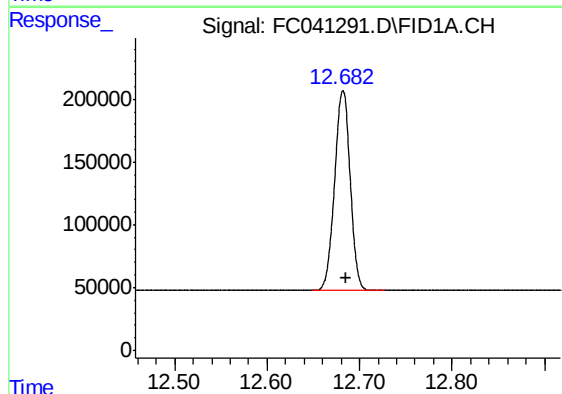
#8 n-Octadecane (C18)

R.T.: 11.378 min
Delta R.T.: -0.001 min
Response: 1861922
Conc: 20.61 ug/ml



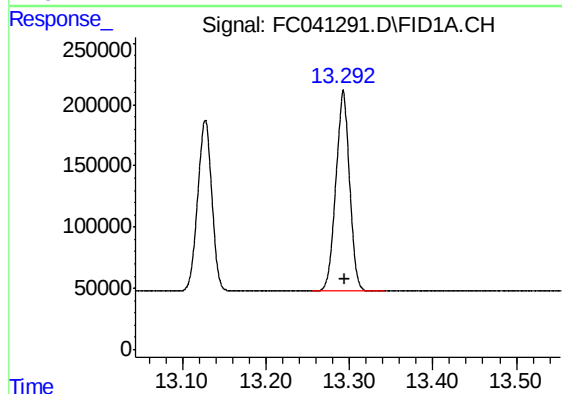
#9 ortho-Terphenyl (SURR)

R.T.: 11.702 min
Delta R.T.: -0.002 min
Response: 2065839
Conc: 20.47 ug/ml



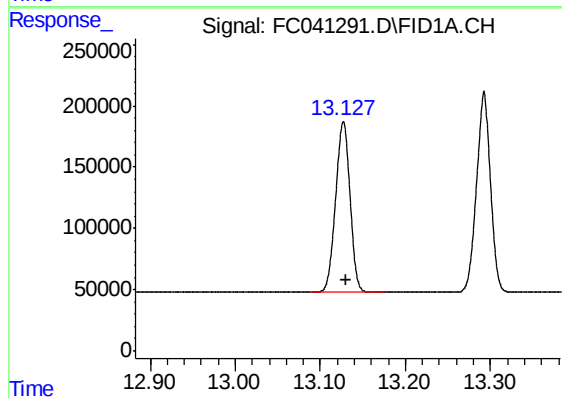
#10 n-Eicosane (C20)

R.T.: 12.682 min
Delta R.T.: -0.002 min
Response: 1867252
Conc: 20.52 ug/ml



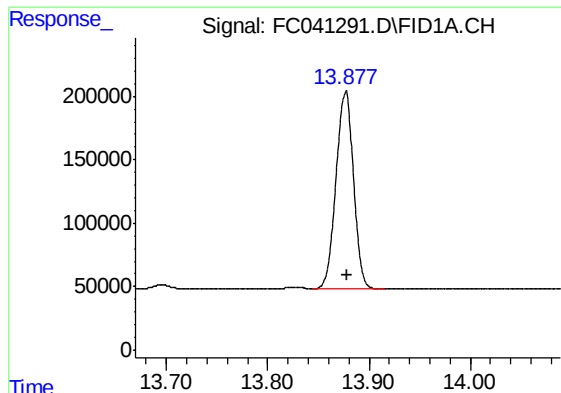
#11 n-Heneicosane (C21)

R.T.: 13.293 min
Delta R.T.: -0.002 min
Response: 1861198
Conc: 20.54 ug/ml



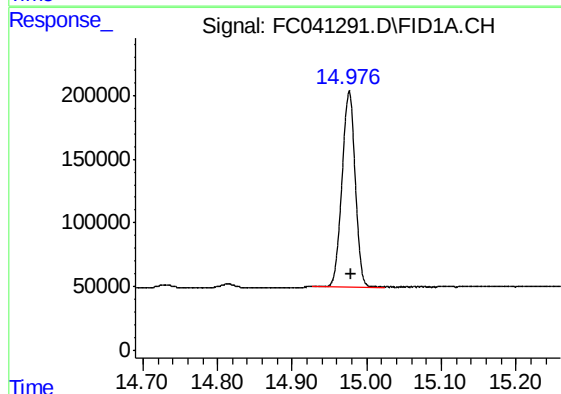
#12 1-chlorooctadecane (SURR)

R.T.: 13.127 min
Delta R.T.: -0.002 min
Response: 1633993
Conc: 20.58 ug/ml



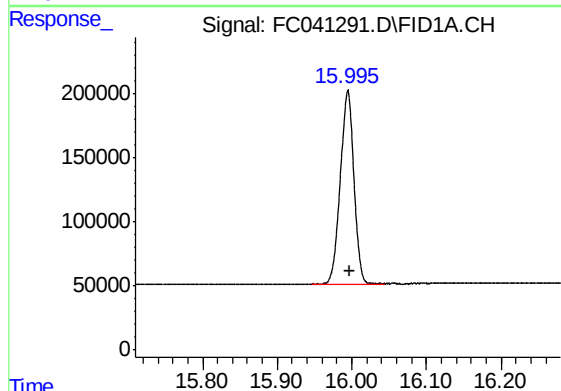
#13 n-Docosane (C22)

R.T.: 13.877 min
Delta R.T.: -0.002 min
Response: 1867401
Conc: 20.61 ug/ml



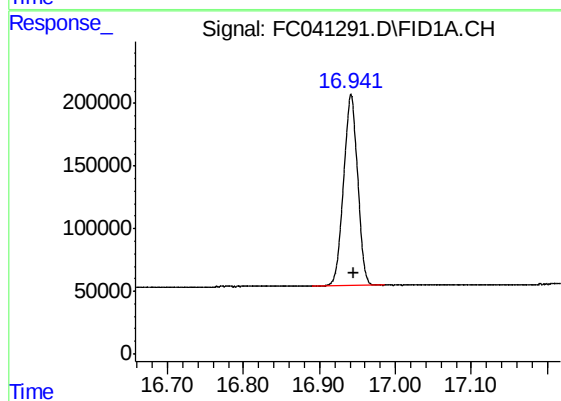
#14 n-Tetracosane (C24)

R.T.: 14.977 min
Delta R.T.: -0.003 min
Response: 1883969
Conc: 20.72 ug/ml



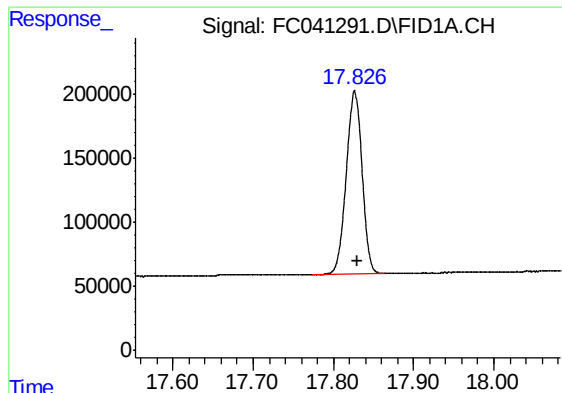
#15 n-Hexacosane (C26)

R.T.: 15.995 min
Delta R.T.: -0.003 min
Response: 1905598
Conc: 21.00 ug/ml



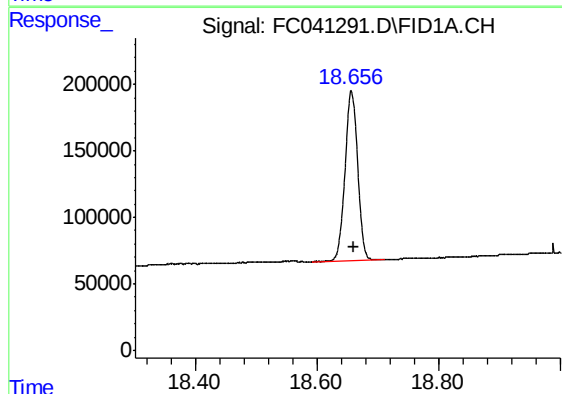
#16 n-Octacosane (C28)

R.T.: 16.942 min
Delta R.T.: -0.003 min
Response: 1958589
Conc: 21.39 ug/ml



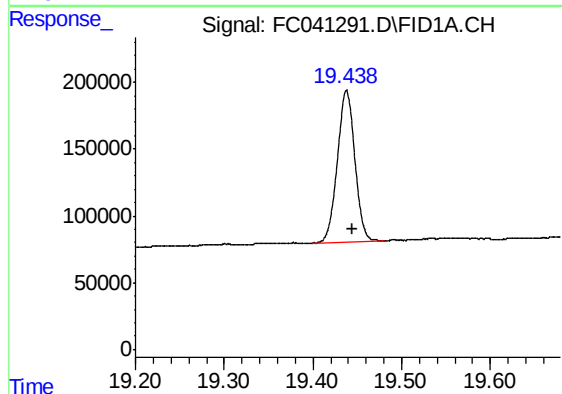
#17 n-Tricontane (C30)

R.T.: 17.827 min
Delta R.T.: -0.004 min
Response: 1958687
Conc: 21.80 ug/ml



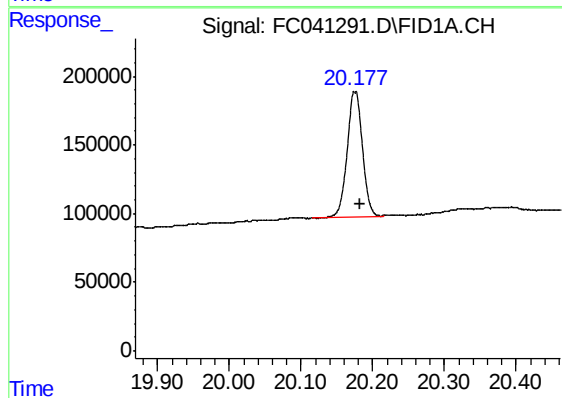
#18 n-Dotriacontane (C32)

R.T.: 18.656 min
Delta R.T.: -0.005 min
Response: 1839408
Conc: 21.98 ug/ml



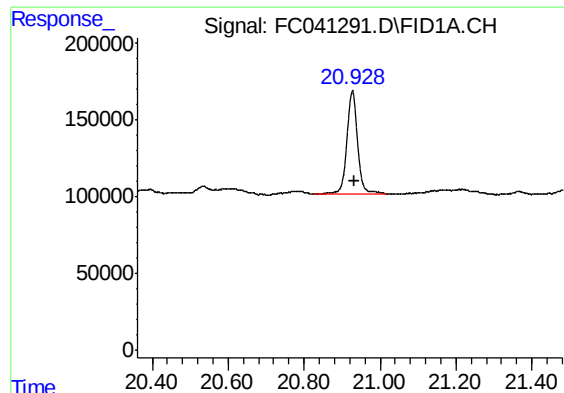
#19 n-Tetratriacontane (C34)

R.T.: 19.438 min
Delta R.T.: -0.006 min
Response: 1549921
Conc: 21.68 ug/ml m



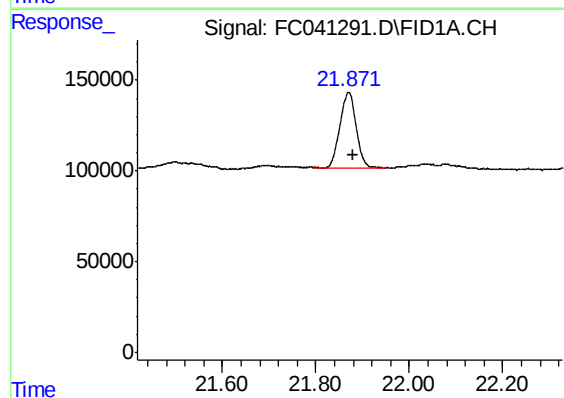
#20 n-Hexatriacontane (C36)

R.T.: 20.177 min
Delta R.T.: -0.006 min
Response: 1355196
Conc: 21.27 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.928 min
Delta R.T.: -0.006 min
Response: 1306491
Conc: 21.65 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.871 min
Delta R.T.: -0.009 min
Response: 993861
Conc: 16.89 ug/ml