

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC022020AL\
 Data File : FC045900.D
 Signal(s) : FID1A.CH
 Acq On : 20 Feb 2020 21:16
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 21 00:47:12 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 012120.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 22 04:15:47 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)	11.760	2115651	19.246 ug/ml
Spiked Amount 50.000		Recovery =	38.49%
12) S 1-chlorooctadecane (S...	13.179	1633968	18.793 ug/ml
Spiked Amount 50.000		Recovery =	37.59%
Target Compounds			
1) T n-Nonane (C9)	3.531	2123787	21.957 ug/ml
2) T n-Decane (C10)	4.601	2143318	22.130 ug/ml
3) T A~Naphthalene (C11.7)	6.201	2300835	21.542 ug/ml
4) T n-Dodecane (C12)	6.613	2156752	22.062 ug/ml
5) T A~2-methylnaphthalene...	7.253	2292350	21.385 ug/ml
6) T n-Tetradecane (C14)	8.399	2134628	21.662 ug/ml
7) T n-Hexadecane (C16)	9.992	2108470	21.061 ug/ml
8) T n-Octadecane (C18)	11.429	2069232	20.316 ug/ml
10) T n-Eicosane (C20)	12.734	2002648	19.528 ug/ml
11) T n-Heneicosane (C21)	13.343	1974879	19.079 ug/ml
13) T n-Docosane (C22)	13.926	1933304	18.737 ug/ml
14) T n-Tetracosane (C24)	15.024	1877601	18.069 ug/ml
15) T n-Hexacosane (C26)	16.042	1833177	17.744 ug/ml
16) T n-Octacosane (C28)	16.987	1814550	17.753 ug/ml
17) T n-Tricontane (C30)	17.871	1779869	18.131 ug/ml
18) T n-Dotriacontane (C32)	18.701	1541565	18.526 ug/ml
19) T n-Tetratriacontane (C34)	19.481	1322468	18.688 ug/ml
20) T n-Hexatriacontane (C36)	20.217	1214859	18.947 ug/ml
21) T n-Octatriacontane (C38)	20.983	1132467	19.362 ug/ml
22) T n-Tetracontane (C40)	21.947	1159171	19.650 ug/ml

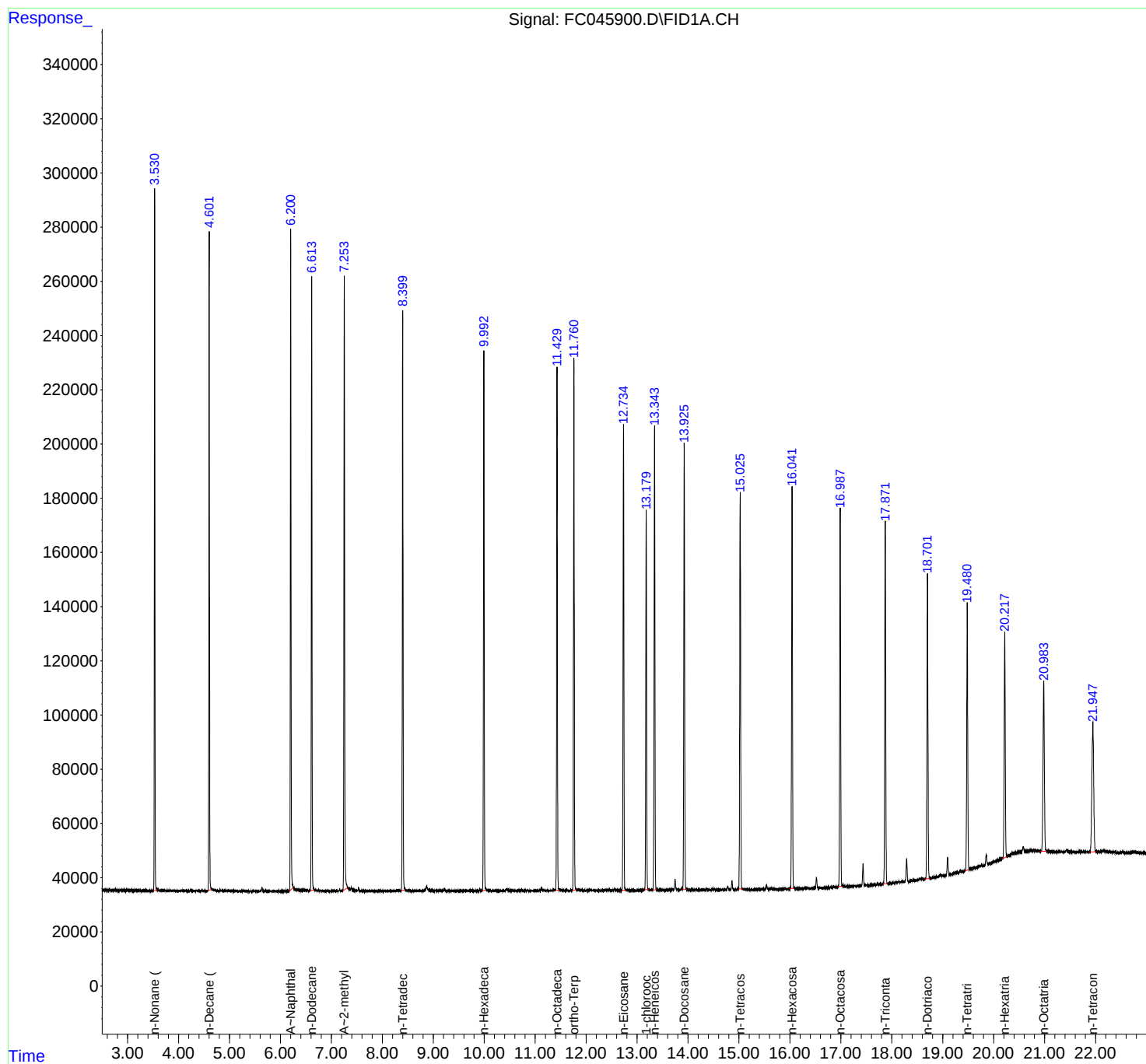
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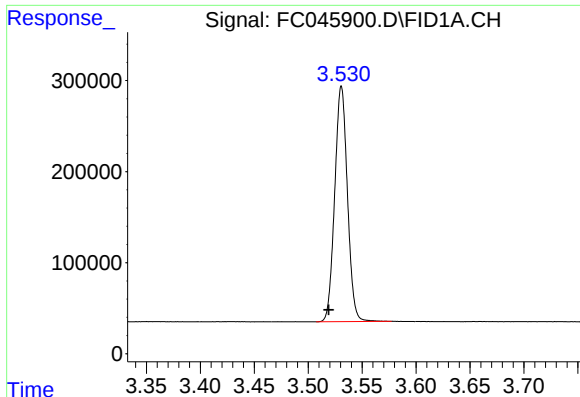
(m)=manual int.

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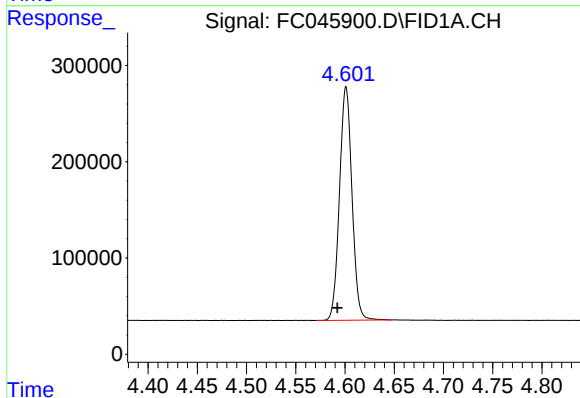
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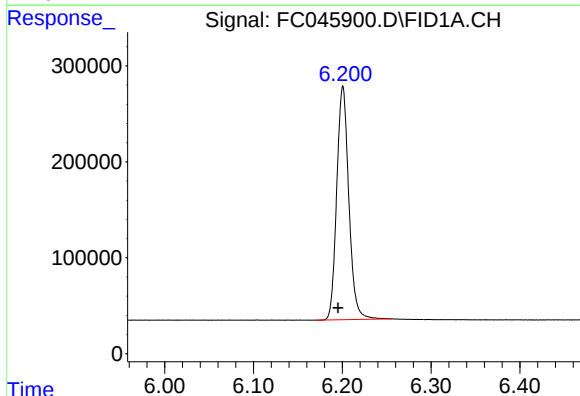
#1 n-Nonane (C9)

R.T.: 3.531 min
Delta R.T.: 0.012 min
Response: 2123787
Conc: 21.96 ug/ml



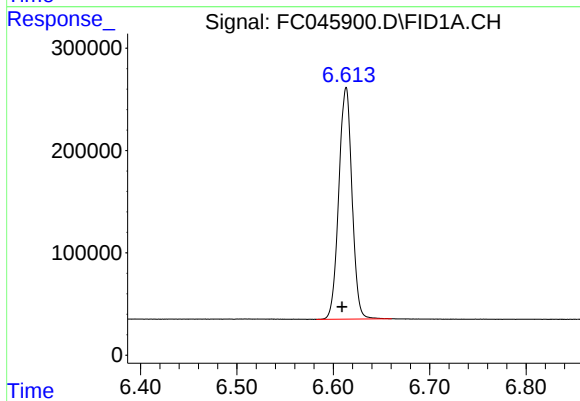
#2 n-Decane (C10)

R.T.: 4.601 min
Delta R.T.: 0.009 min
Response: 2143318
Conc: 22.13 ug/ml



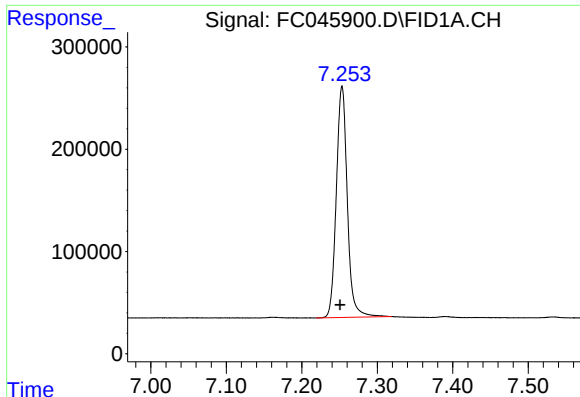
#3 A~Naphthalene (C11.7)

R.T.: 6.201 min
Delta R.T.: 0.005 min
Response: 2300835
Conc: 21.54 ug/ml



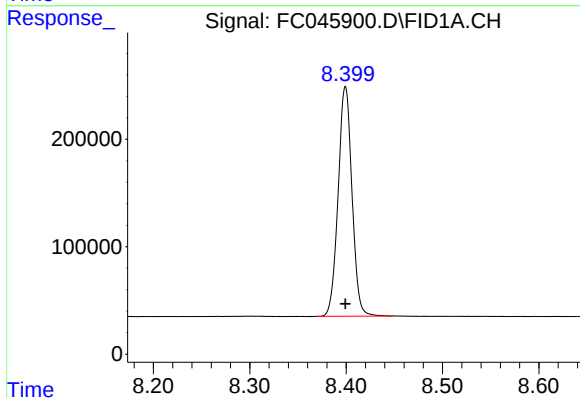
#4 n-Dodecane (C12)

R.T.: 6.613 min
Delta R.T.: 0.004 min
Response: 2156752
Conc: 22.06 ug/ml



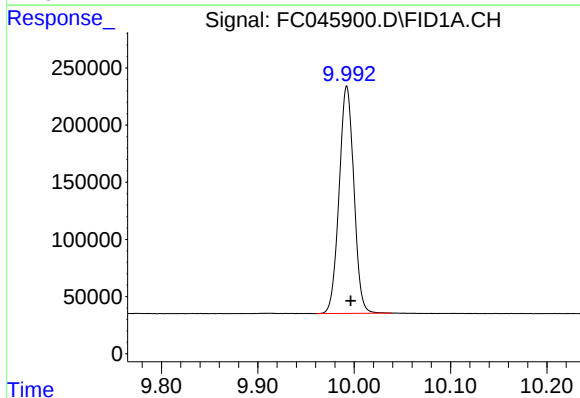
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.253 min
Delta R.T.: 0.003 min
Response: 2292350
Conc: 21.38 ug/ml



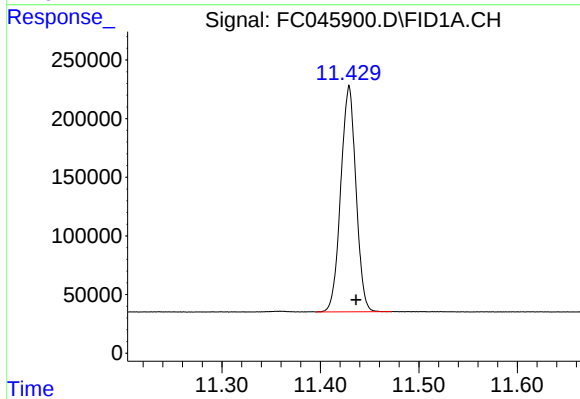
#6 n-Tetradecane (C14)

R.T.: 8.399 min
Delta R.T.: 0.000 min
Response: 2134628
Conc: 21.66 ug/ml



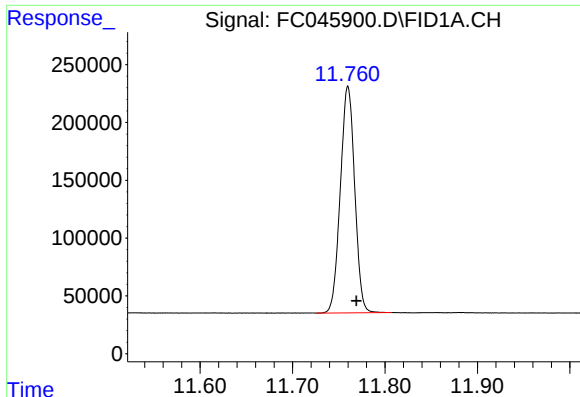
#7 n-Hexadecane (C16)

R.T.: 9.992 min
Delta R.T.: -0.004 min
Response: 2108470
Conc: 21.06 ug/ml



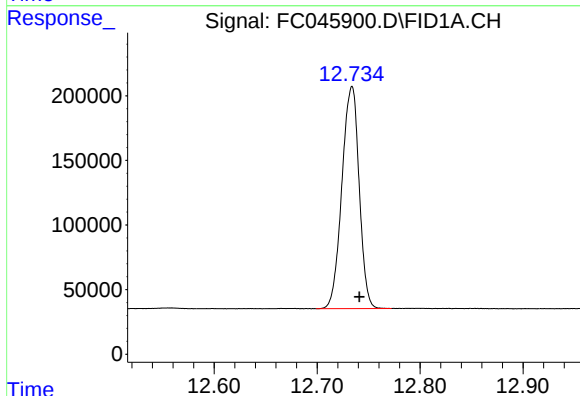
#8 n-Octadecane (C18)

R.T.: 11.429 min
Delta R.T.: -0.007 min
Response: 2069232
Conc: 20.32 ug/ml



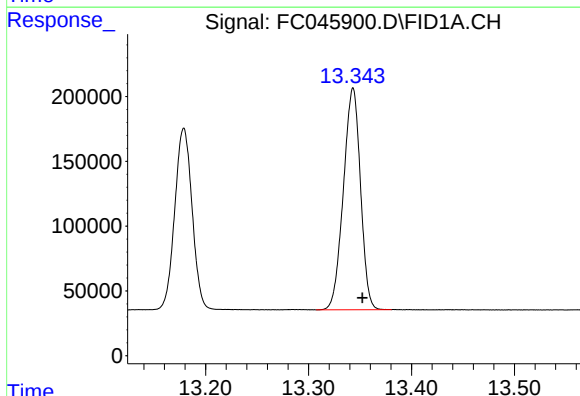
#9 ortho-Terphenyl (SURR)

R.T.: 11.760 min
Delta R.T.: -0.009 min
Response: 2115651
Conc: 19.25 ug/ml



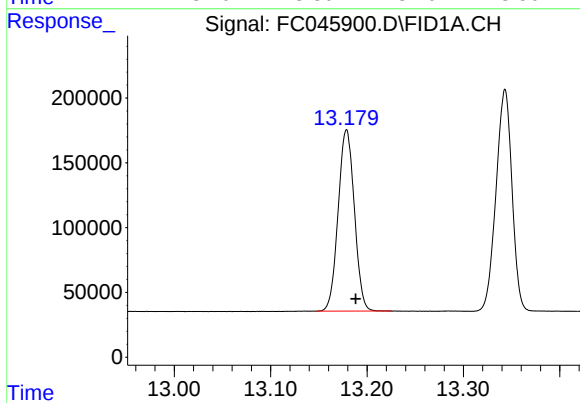
#10 n-Eicosane (C20)

R.T.: 12.734 min
Delta R.T.: -0.007 min
Response: 2002648
Conc: 19.53 ug/ml



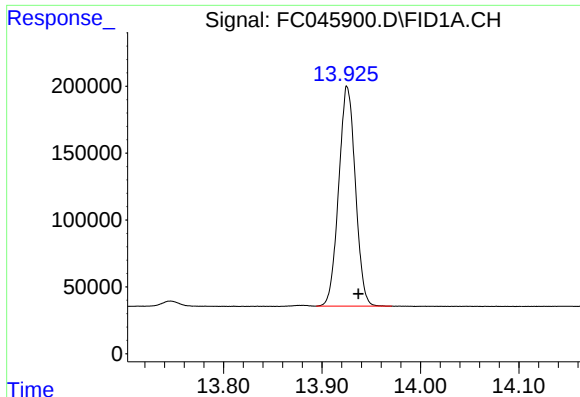
#11 n-Heneicosane (C21)

R.T.: 13.343 min
Delta R.T.: -0.009 min
Response: 1974879
Conc: 19.08 ug/ml



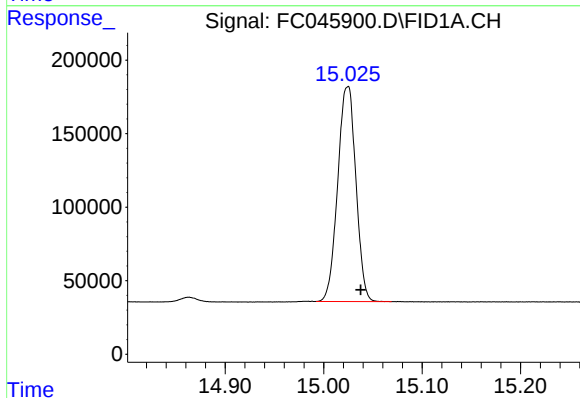
#12 1-chlorooctadecane (SURR)

R.T.: 13.179 min
Delta R.T.: -0.010 min
Response: 1633968
Conc: 18.79 ug/ml



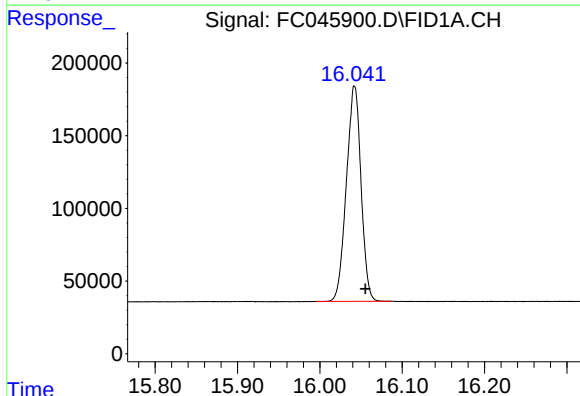
#13 n-Docosane (C22)

R.T.: 13.926 min
Delta R.T.: -0.011 min
Response: 1933304
Conc: 18.74 ug/ml



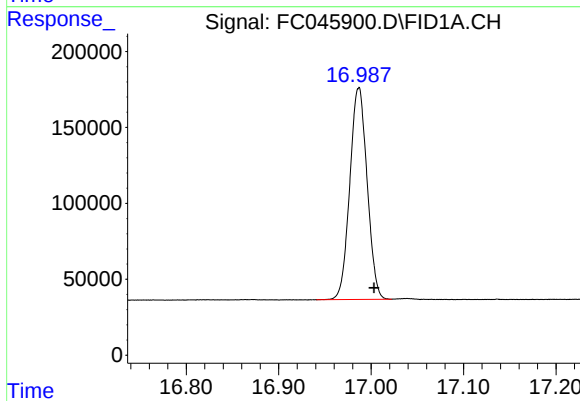
#14 n-Tetracosane (C24)

R.T.: 15.024 min
Delta R.T.: -0.013 min
Response: 1877601
Conc: 18.07 ug/ml



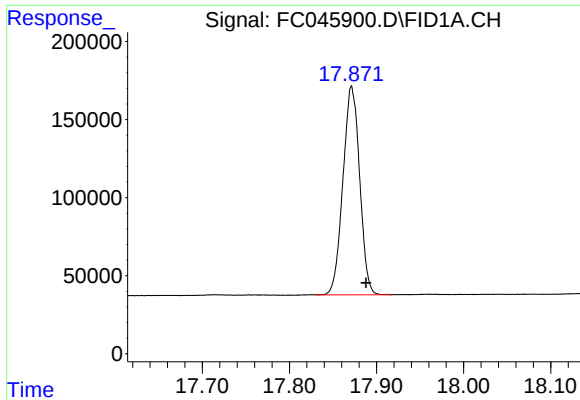
#15 n-Hexacosane (C26)

R.T.: 16.042 min
Delta R.T.: -0.013 min
Response: 1833177
Conc: 17.74 ug/ml



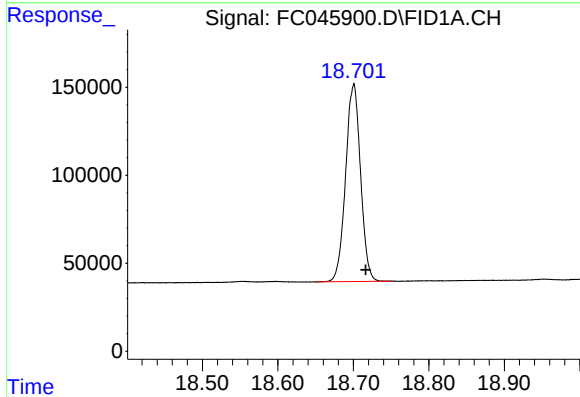
#16 n-Octacosane (C28)

R.T.: 16.987 min
Delta R.T.: -0.017 min
Response: 1814550
Conc: 17.75 ug/ml



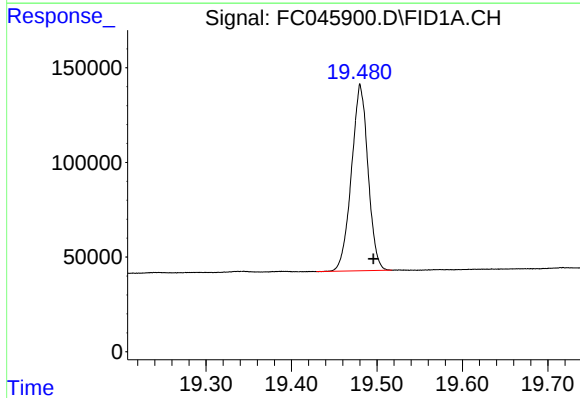
#17 n-Tricontane (C30)

R.T.: 17.871 min
Delta R.T.: -0.017 min
Response: 1779869
Conc: 18.13 ug/ml



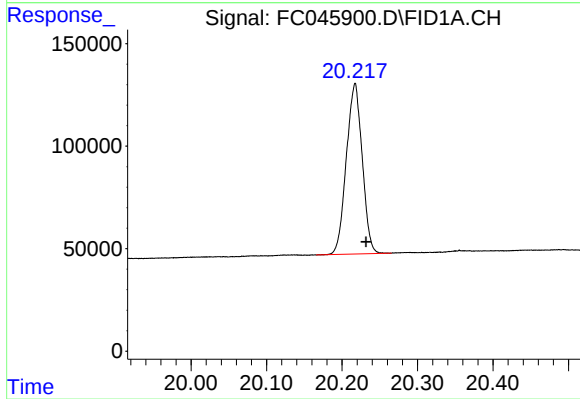
#18 n-Dotriacontane (C32)

R.T.: 18.701 min
Delta R.T.: -0.016 min
Response: 1541565
Conc: 18.53 ug/ml



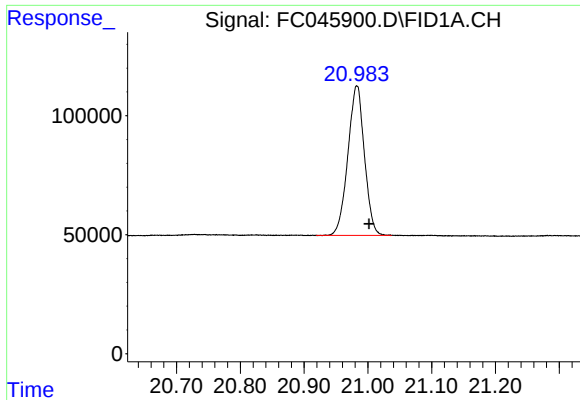
#19 n-Tetratriacontane (C34)

R.T.: 19.481 min
Delta R.T.: -0.016 min
Response: 1322468
Conc: 18.69 ug/ml



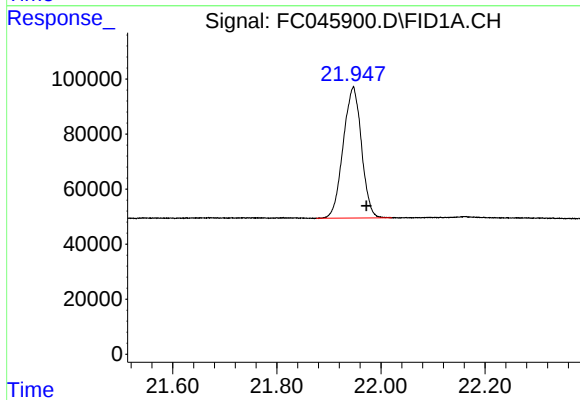
#20 n-Hexatriacontane (C36)

R.T.: 20.217 min
Delta R.T.: -0.015 min
Response: 1214859
Conc: 18.95 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.983 min
Delta R.T.: -0.019 min
Response: 1132467
Conc: 19.36 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.947 min
Delta R.T.: -0.025 min
Response: 1159171
Conc: 19.65 ug/ml