

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC050522AL\
 Data File : FC059580.D
 Signal(s) : FID1A.CH
 Acq On : 05 May 2022 14:47
 Operator : UA/NP
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: May 05 15:25:07 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050522.M
 Quant Title : GC Extractables
 QLast Update : Thu May 05 15:19:02 2022
 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)	10.748	1529557	10.599 ug/ml
Spiked Amount 50.000		Recovery =	21.20%
12) S 1-chlorooctadecane (S...	12.112	1200737	10.612 ug/ml
Spiked Amount 50.000		Recovery =	21.22%
Target Compounds			
1) T n-Nonane (C9)	2.693	1332097	10.555 ug/ml
2) T n-Decane (C10)	3.699	1314902	10.450 ug/ml
3) T A~Naphthalene (C11.7)	5.259	1520259	10.390 ug/ml
4) T n-Dodecane (C12)	5.657	1363210	10.454 ug/ml
5) T A~2-methylnaphthalene...	6.285	1546033	10.340 ug/ml
6) T n-Tetradecane (C14)	7.411	1400212	10.529 ug/ml
7) T n-Hexadecane (C16)	8.978	1429690	10.572 ug/ml
8) T n-Octadecane (C18)	10.388	1439076	10.599 ug/ml
10) T n-Eicosane (C20)	11.670	1405921	10.628 ug/ml
11) T n-Heneicosane (C21)	12.269	1392575	10.646 ug/ml
13) T n-Docosane (C22)	12.843	1376386	10.706 ug/ml
14) T n-Tetracosane (C24)	13.924	1328829	10.794 ug/ml
15) T n-Hexacosane (C26)	14.924	1262124	10.830 ug/ml
16) T n-Octacosane (C28)	15.853	1195632	10.763 ug/ml
17) T n-Tricontane (C30)	16.722	1140396	10.670 ug/ml
18) T n-Dotriacontane (C32)	17.537	1092499	10.833 ug/ml
19) T n-Tetratriacontane (C34)	18.304	1018048	10.602 ug/ml
20) T n-Hexatriacontane (C36)	19.028	964569	10.500 ug/ml
21) T n-Octatriacontane (C38)	19.714	978976	10.679 ug/ml
22) T n-Tetracontane (C40)	20.364	976992	10.460 ug/ml

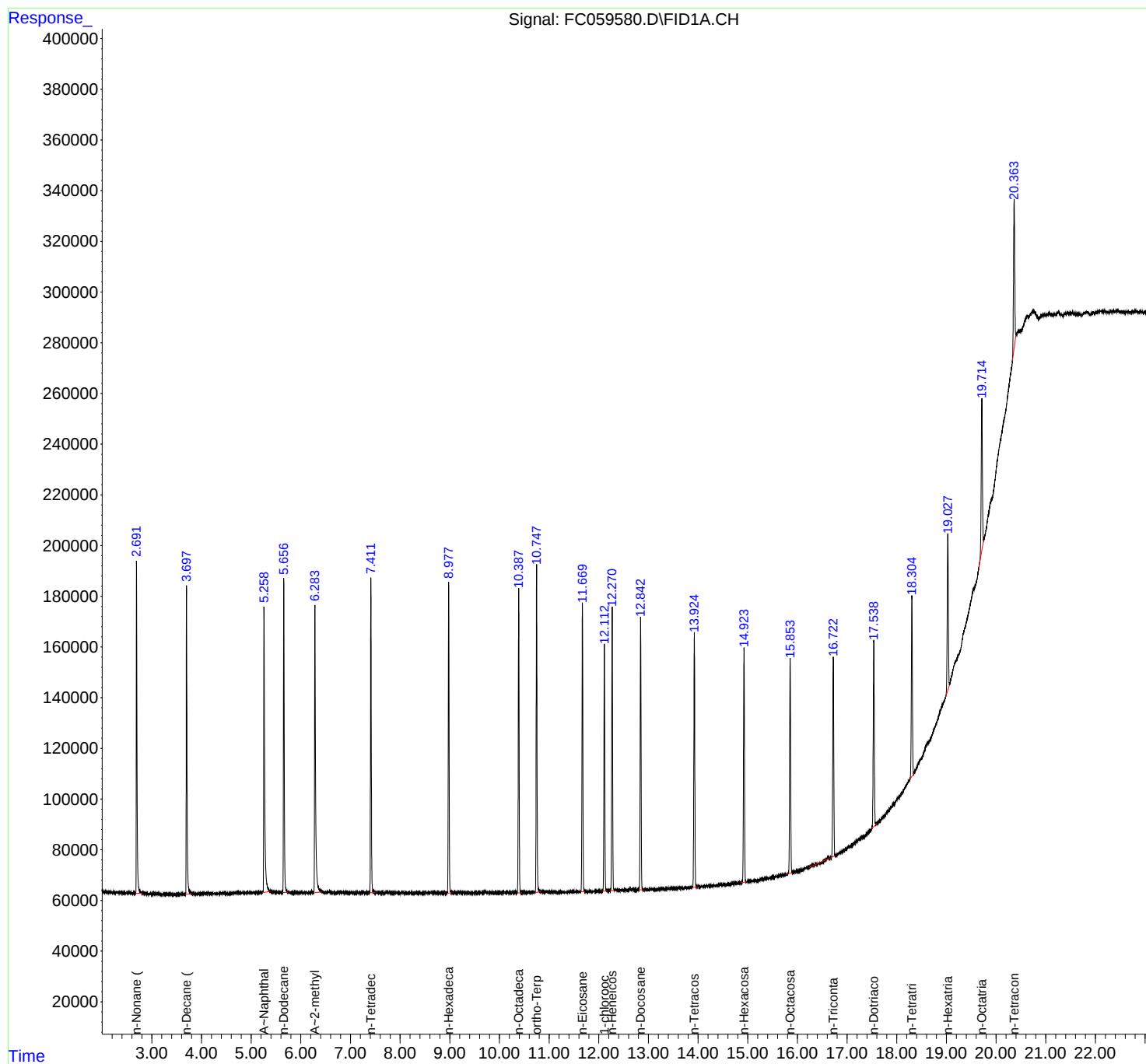
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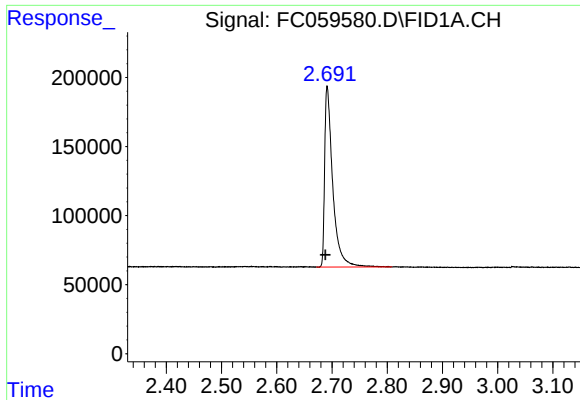
(m)=manual int.

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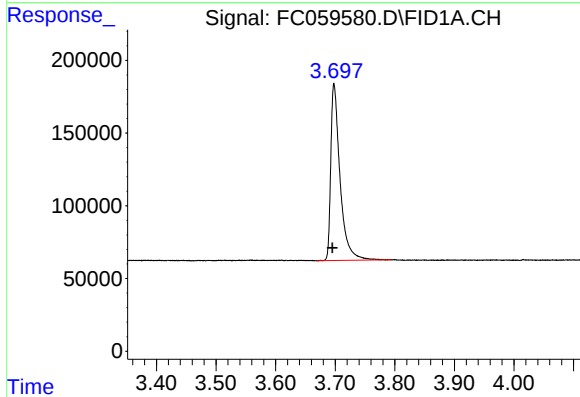
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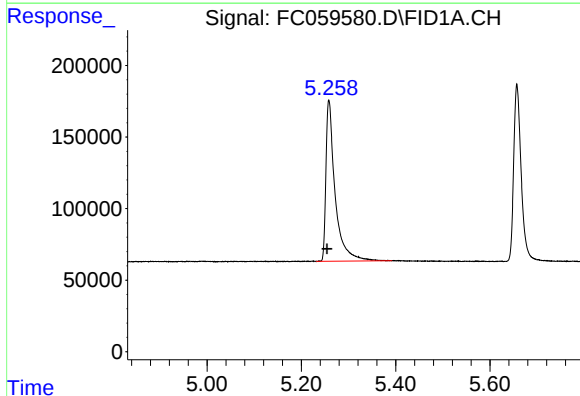
#1 n-Nonane (C9)

R.T.: 2.693 min
Delta R.T.: 0.005 min
Response: 1332097
Conc: 10.56 ug/ml



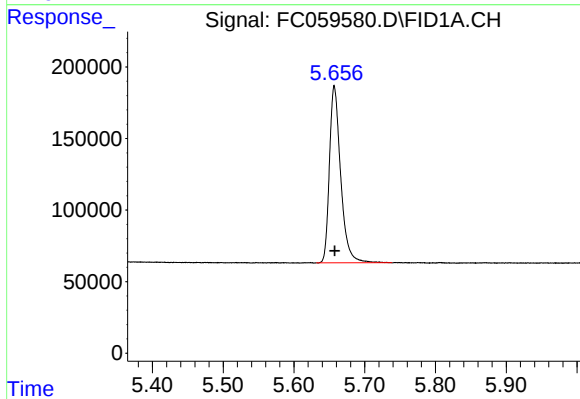
#2 n-Decane (C10)

R.T.: 3.699 min
Delta R.T.: 0.003 min
Response: 1314902
Conc: 10.45 ug/ml



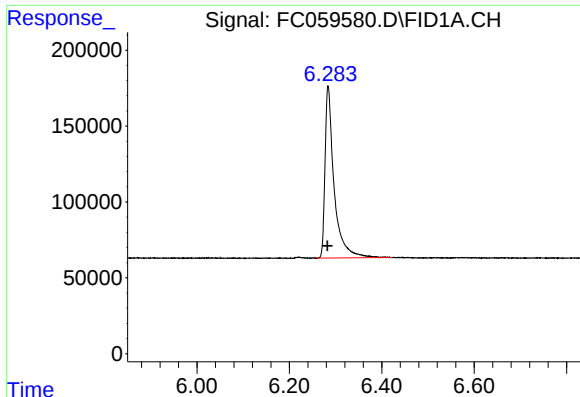
#3 A~Naphthalene (C11.7)

R.T.: 5.259 min
Delta R.T.: 0.004 min
Response: 1520259
Conc: 10.39 ug/ml



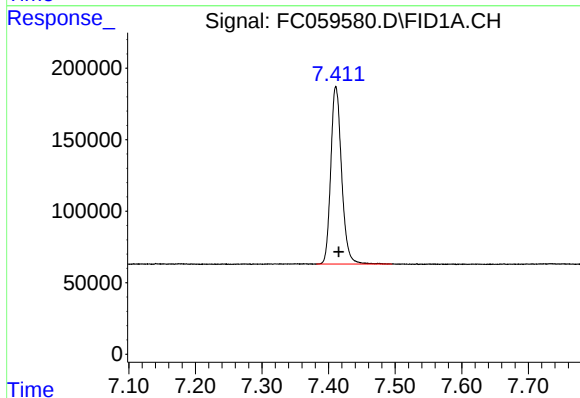
#4 n-Dodecane (C12)

R.T.: 5.657 min
Delta R.T.: 0.000 min
Response: 1363210
Conc: 10.45 ug/ml



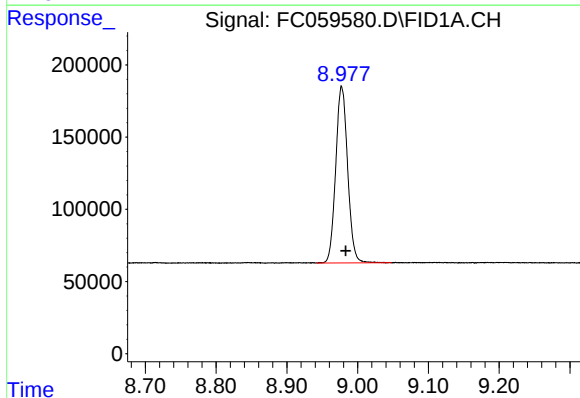
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.285 min
Delta R.T.: 0.002 min
Response: 1546033
Conc: 10.34 ug/ml



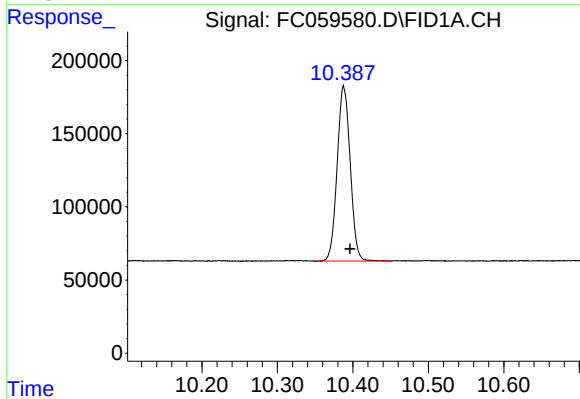
#6 n-Tetradecane (C14)

R.T.: 7.411 min
Delta R.T.: -0.004 min
Response: 1400212
Conc: 10.53 ug/ml



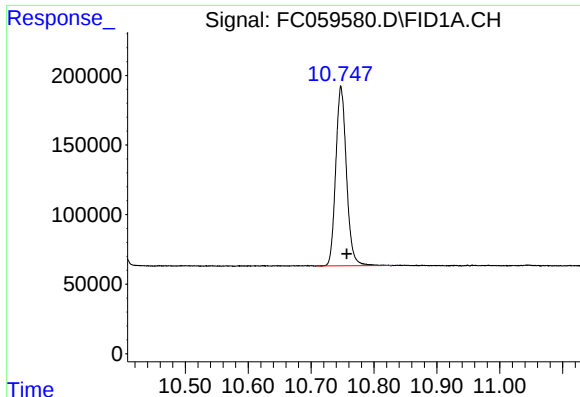
#7 n-Hexadecane (C16)

R.T.: 8.978 min
Delta R.T.: -0.006 min
Response: 1429690
Conc: 10.57 ug/ml



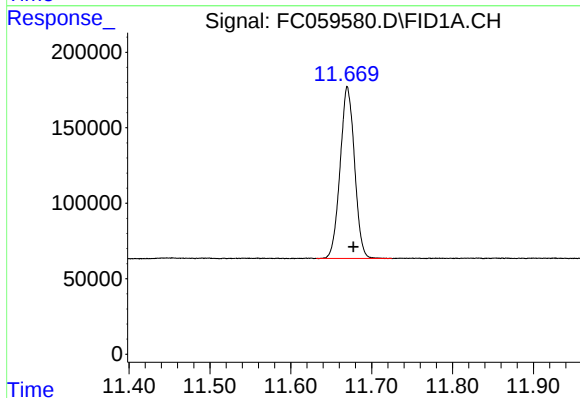
#8 n-Octadecane (C18)

R.T.: 10.388 min
Delta R.T.: -0.008 min
Response: 1439076
Conc: 10.60 ug/ml



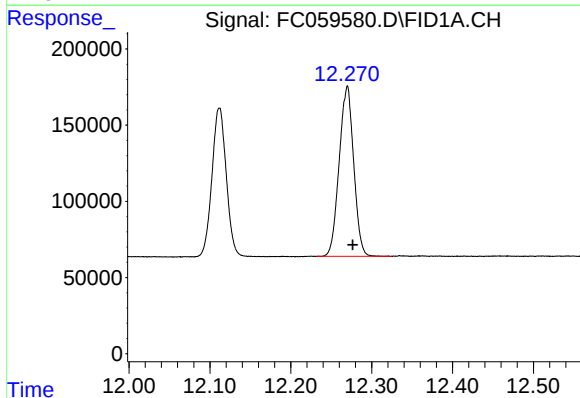
#9 ortho-Terphenyl (SURR)

R.T.: 10.748 min
Delta R.T.: -0.009 min
Response: 1529557
Conc: 10.60 ug/ml



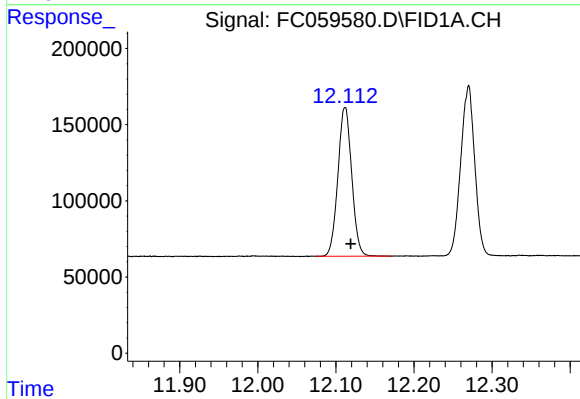
#10 n-Eicosane (C20)

R.T.: 11.670 min
Delta R.T.: -0.007 min
Response: 1405921
Conc: 10.63 ug/ml



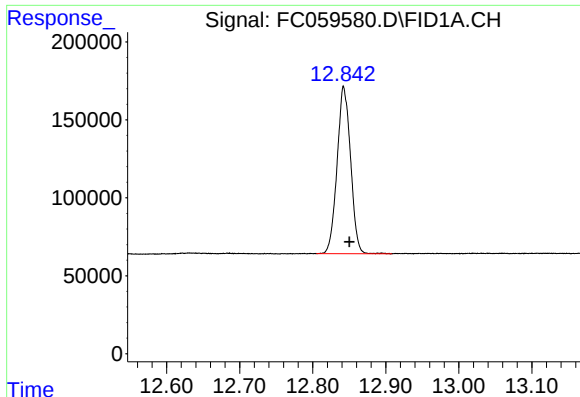
#11 n-Heneicosane (C21)

R.T.: 12.269 min
Delta R.T.: -0.007 min
Response: 1392575
Conc: 10.65 ug/ml



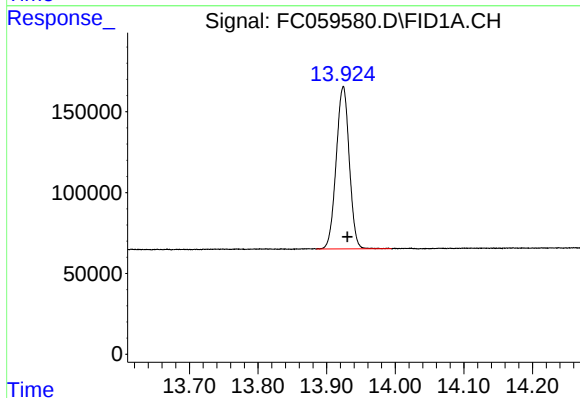
#12 1-chlorooctadecane (SURR)

R.T.: 12.112 min
Delta R.T.: -0.007 min
Response: 1200737
Conc: 10.61 ug/ml



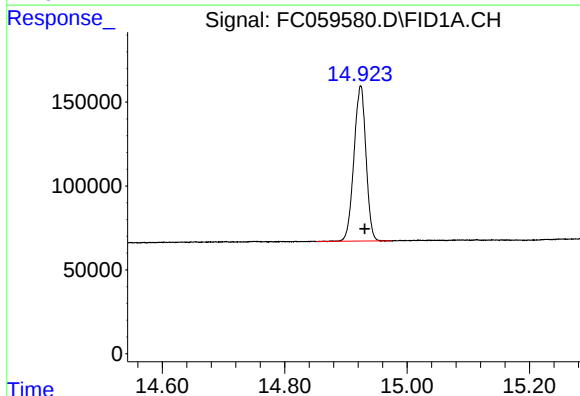
#13 n-Docosane (C22)

R.T.: 12.843 min
Delta R.T.: -0.008 min
Response: 1376386
Conc: 10.71 ug/ml



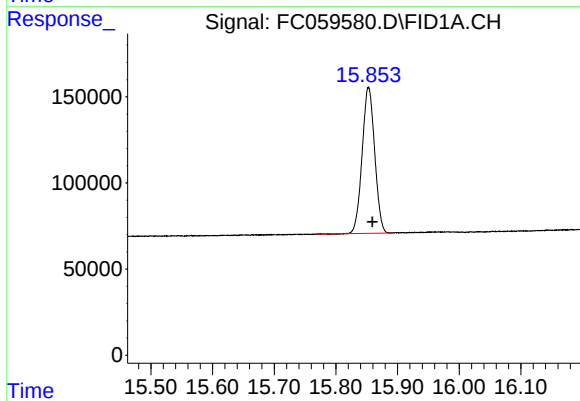
#14 n-Tetracosane (C24)

R.T.: 13.924 min
Delta R.T.: -0.006 min
Response: 1328829
Conc: 10.79 ug/ml



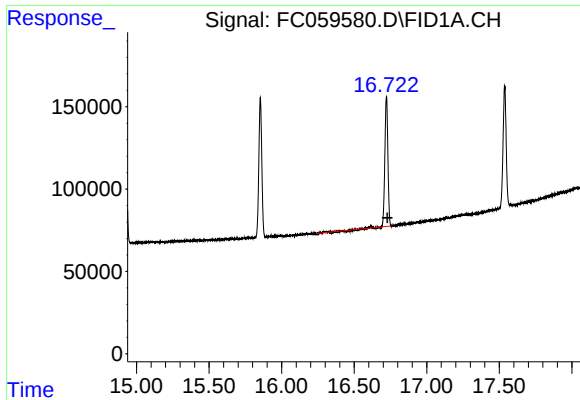
#15 n-Hexacosane (C26)

R.T.: 14.924 min
Delta R.T.: -0.007 min
Response: 1262124
Conc: 10.83 ug/ml



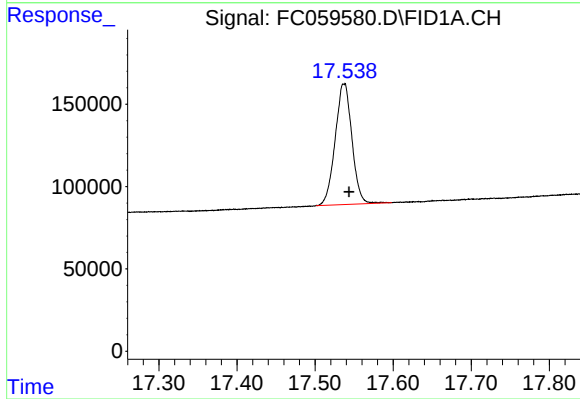
#16 n-Octacosane (C28)

R.T.: 15.853 min
Delta R.T.: -0.006 min
Response: 1195632
Conc: 10.76 ug/ml



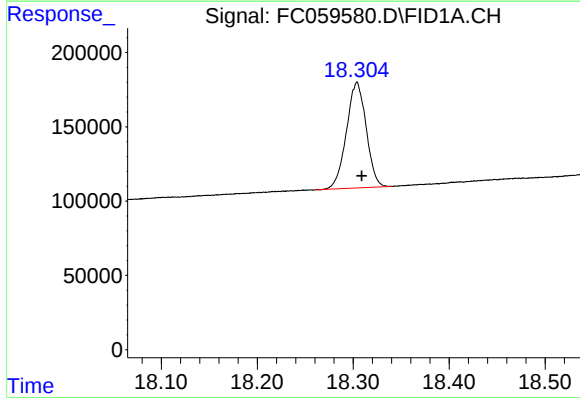
#17 n-Tricontane (C30)

R.T.: 16.722 min
Delta R.T.: -0.007 min
Response: 1140396
Conc: 10.67 ug/ml



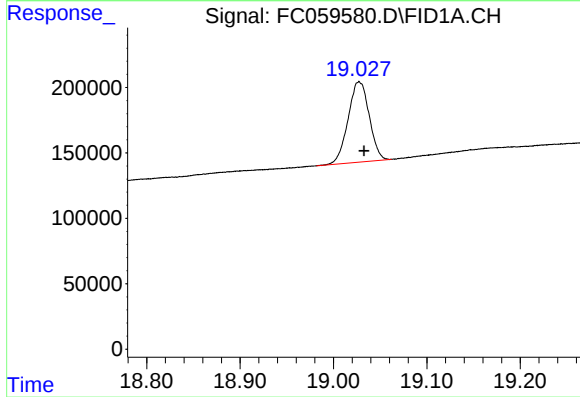
#18 n-Dotriacontane (C32)

R.T.: 17.537 min
Delta R.T.: -0.006 min
Response: 1092499
Conc: 10.83 ug/ml



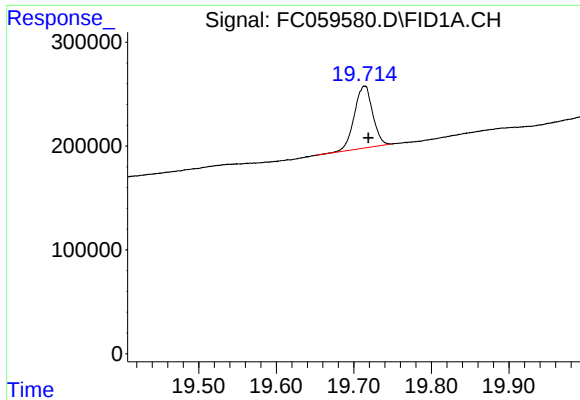
#19 n-Tetratriacontane (C34)

R.T.: 18.304 min
Delta R.T.: -0.005 min
Response: 1018048
Conc: 10.60 ug/ml



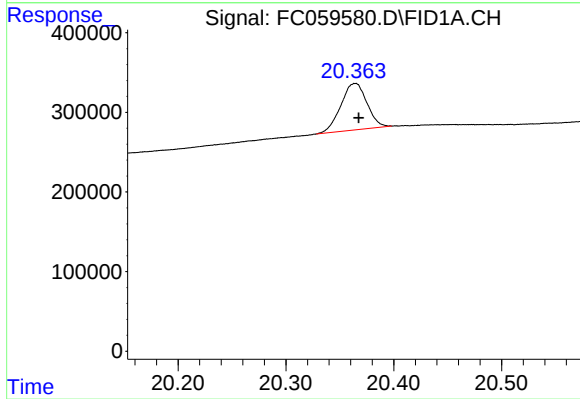
#20 n-Hexatriacontane (C36)

R.T.: 19.028 min
Delta R.T.: -0.005 min
Response: 964569
Conc: 10.50 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.714 min
Delta R.T.: -0.005 min
Response: 978976
Conc: 10.68 ug/ml



#22 n-Tetracontane (C40)

R.T.: 20.364 min
Delta R.T.: -0.004 min
Response: 976992
Conc: 10.46 ug/ml