

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC052722AL\
 Data File : FC059932.D
 Signal(s) : FID1A.CH
 Acq On : 27 May 2022 13:53
 Operator : UA/NP
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: May 28 05:59:40 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052722.M
 Quant Title : GC Extractables
 QLast Update : Sat May 28 05:57:04 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)	10.654	1609804	10.197 ug/ml
Spiked Amount 50.000		Recovery =	20.39%
12) S 1-chlorooctadecane (S...	12.025	1280589	10.129 ug/ml
Spiked Amount 50.000		Recovery =	20.26%
Target Compounds			
1) T n-Nonane (C9)	2.637	1306731	9.969 ug/ml
2) T n-Decane (C10)	3.635	1304793	9.943 ug/ml
3) T A~Naphthalene (C11.7)	5.174	1477398	9.940 ug/ml
4) T n-Dodecane (C12)	5.585	1367725	10.047 ug/ml
5) T A~2-methylnaphthalene...	6.198	1476596	9.789 ug/ml
6) T n-Tetradecane (C14)	7.336	1396598	10.009 ug/ml
7) T n-Hexadecane (C16)	8.900	1440261	10.070 ug/ml
8) T n-Octadecane (C18)	10.308	1472618	10.118 ug/ml
10) T n-Eicosane (C20)	11.590	1469560	10.158 ug/ml
11) T n-Heneicosane (C21)	12.188	1483573	10.210 ug/ml
13) T n-Docosane (C22)	12.761	1475003	10.186 ug/ml
14) T n-Tetracosane (C24)	13.839	1454284	10.220 ug/ml
15) T n-Hexacosane (C26)	14.837	1400779	10.156 ug/ml
16) T n-Octacosane (C28)	15.767	1351982	10.188 ug/ml
17) T n-Tricontane (C30)	16.634	1269150	10.153 ug/ml
18) T n-Dotriacontane (C32)	17.448	1155419	10.142 ug/ml
19) T n-Tetratriacontane (C34)	18.214	1055705	10.119 ug/ml
20) T n-Hexatriacontane (C36)	18.936	980326	10.150 ug/ml
21) T n-Octatriacontane (C38)	19.619	951186	10.133 ug/ml
22) T n-Tetracontane (C40)	20.268	972159	10.153 ug/ml

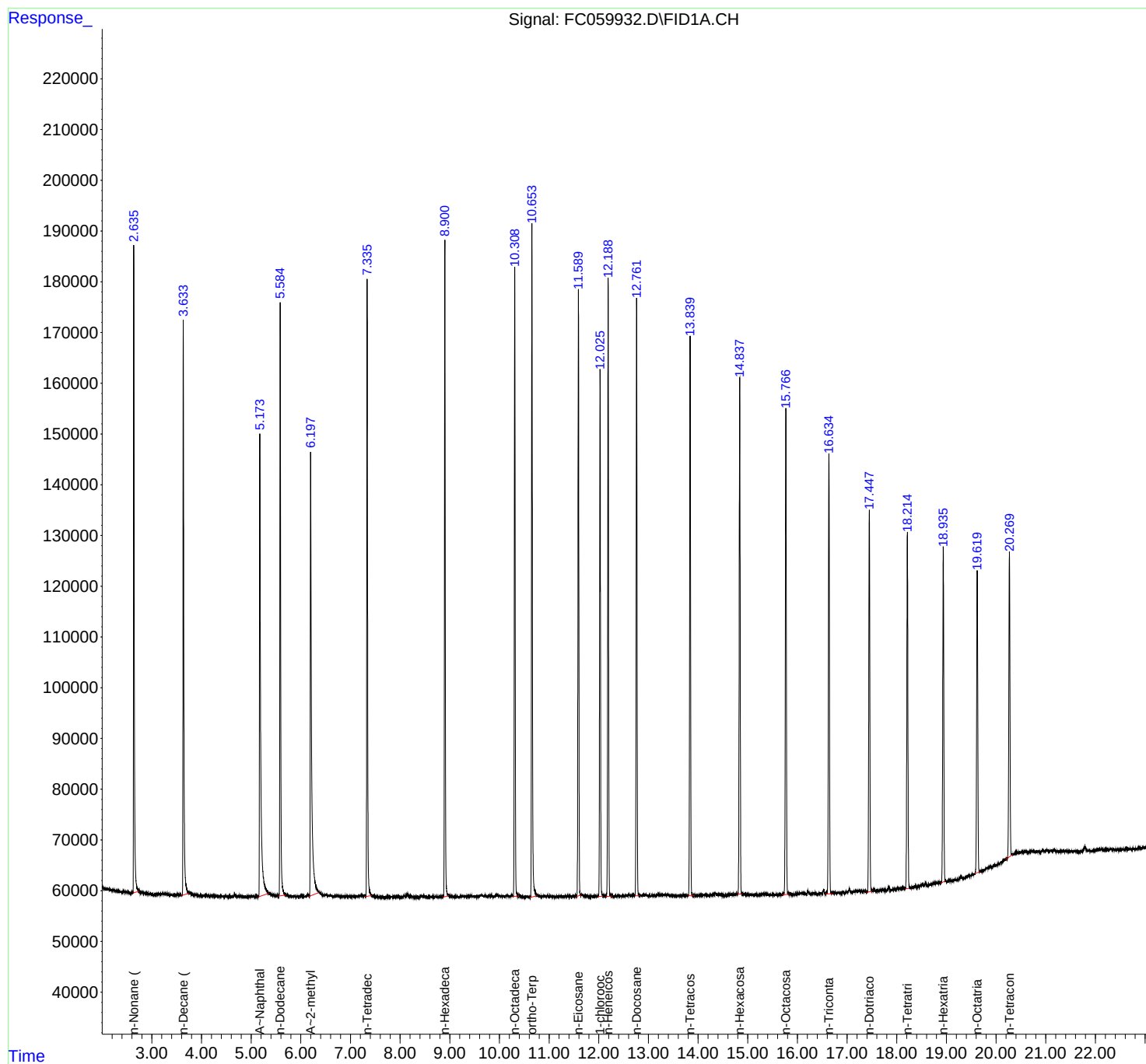
(f)=RT Delta > 1/2 Window

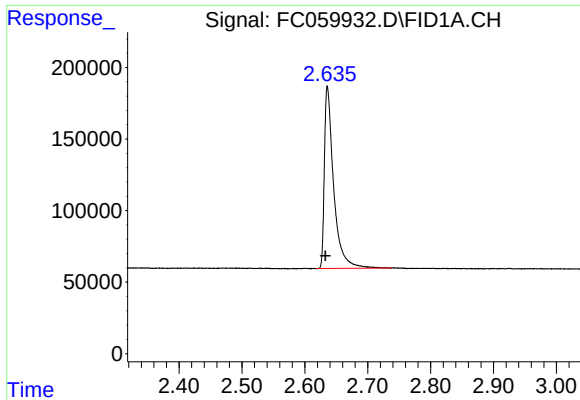
(m)=manual int.

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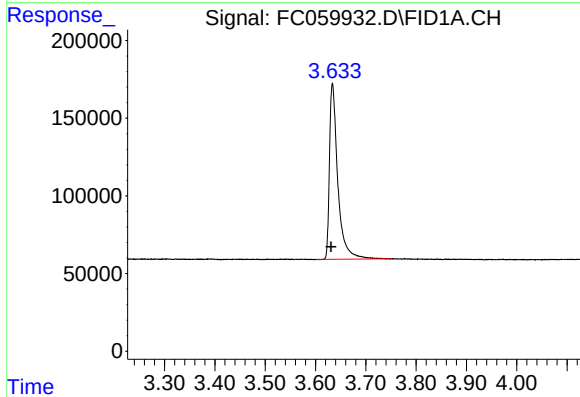
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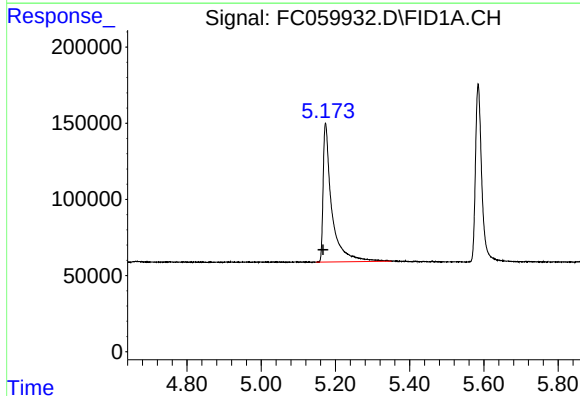
#1 n-Nonane (C9)

R.T.: 2.637 min
Delta R.T.: 0.004 min
Response: 1306731
Conc: 9.97 ug/ml



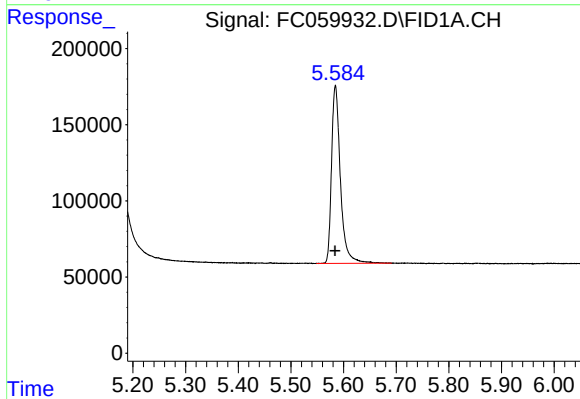
#2 n-Decane (C10)

R.T.: 3.635 min
Delta R.T.: 0.003 min
Response: 1304793
Conc: 9.94 ug/ml



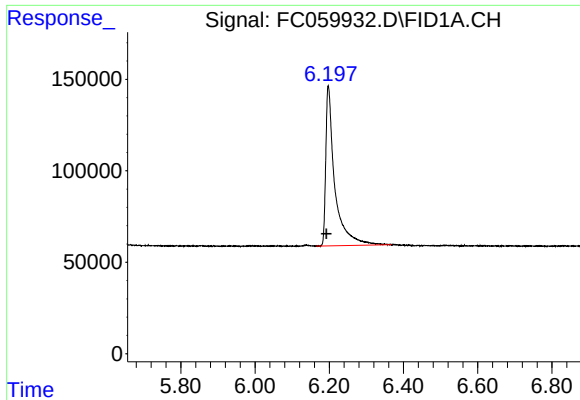
#3 A~Naphthalene (C11.7)

R.T.: 5.174 min
Delta R.T.: 0.007 min
Response: 1477398
Conc: 9.94 ug/ml



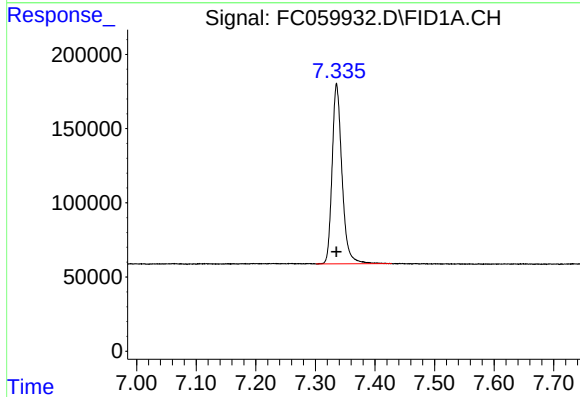
#4 n-Dodecane (C12)

R.T.: 5.585 min
Delta R.T.: 0.001 min
Response: 1367725
Conc: 10.05 ug/ml



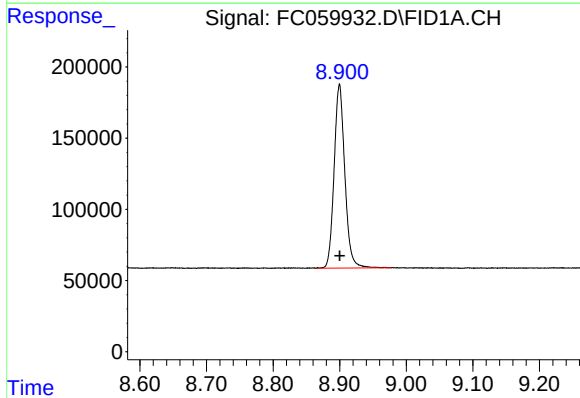
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.198 min
Delta R.T.: 0.006 min
Response: 1476596
Conc: 9.79 ug/ml



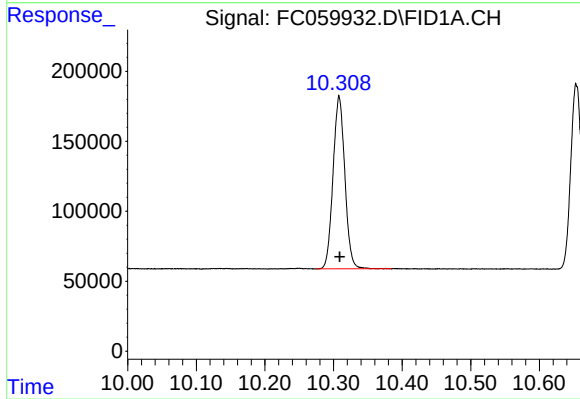
#6 n-Tetradecane (C14)

R.T.: 7.336 min
Delta R.T.: 0.000 min
Response: 1396598
Conc: 10.01 ug/ml



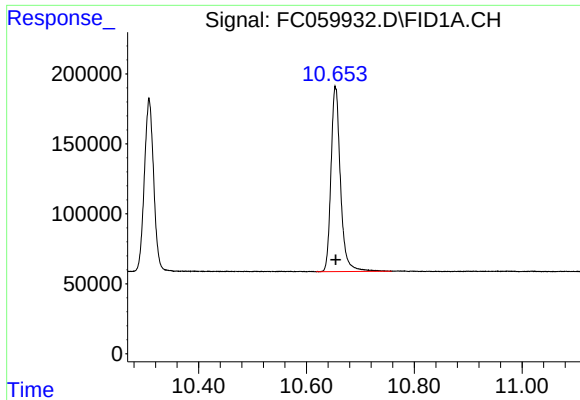
#7 n-Hexadecane (C16)

R.T.: 8.900 min
Delta R.T.: 0.000 min
Response: 1440261
Conc: 10.07 ug/ml



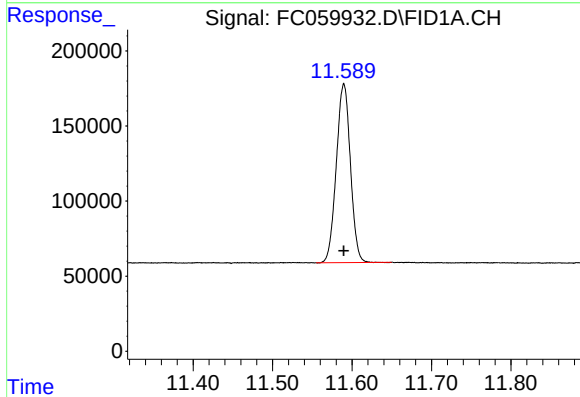
#8 n-Octadecane (C18)

R.T.: 10.308 min
Delta R.T.: 0.000 min
Response: 1472618
Conc: 10.12 ug/ml



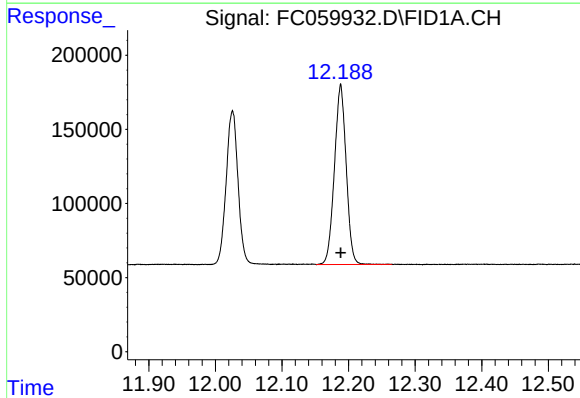
#9 ortho-Terphenyl (SURR)

R.T.: 10.654 min
Delta R.T.: 0.000 min
Response: 1609804
Conc: 10.20 ug/ml



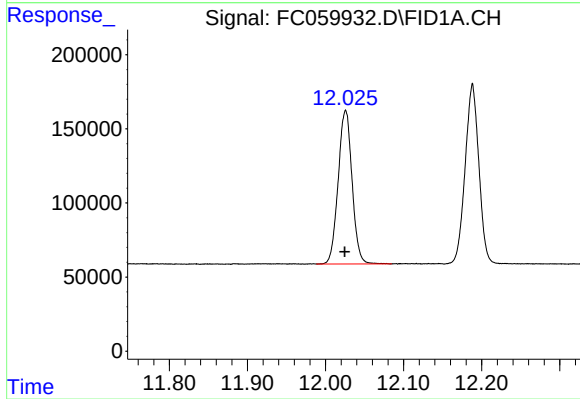
#10 n-Eicosane (C20)

R.T.: 11.590 min
Delta R.T.: 0.000 min
Response: 1469560
Conc: 10.16 ug/ml



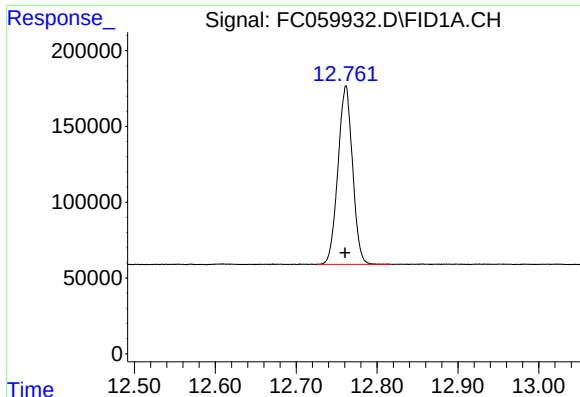
#11 n-Heneicosane (C21)

R.T.: 12.188 min
Delta R.T.: 0.000 min
Response: 1483573
Conc: 10.21 ug/ml



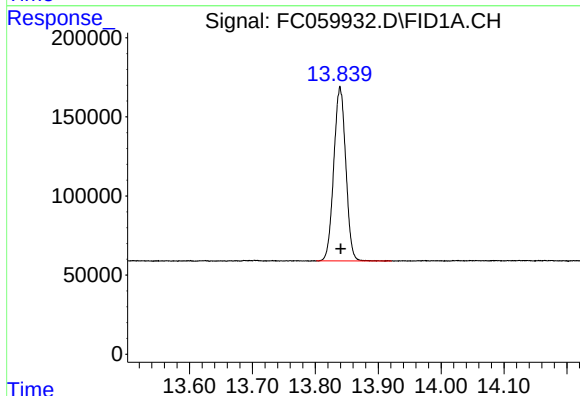
#12 1-chlorooctadecane (SURR)

R.T.: 12.025 min
Delta R.T.: 0.001 min
Response: 1280589
Conc: 10.13 ug/ml



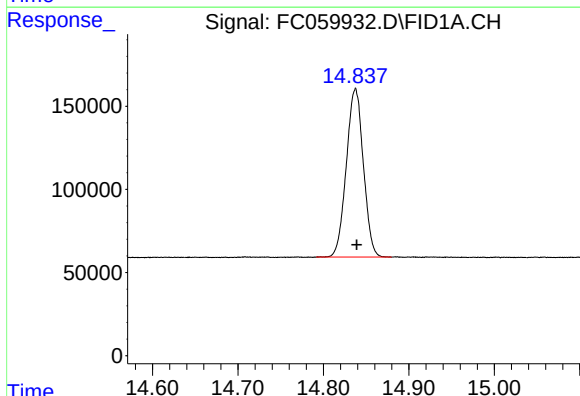
#13 n-Docosane (C22)

R.T.: 12.761 min
Delta R.T.: 0.000 min
Response: 1475003
Conc: 10.19 ug/ml



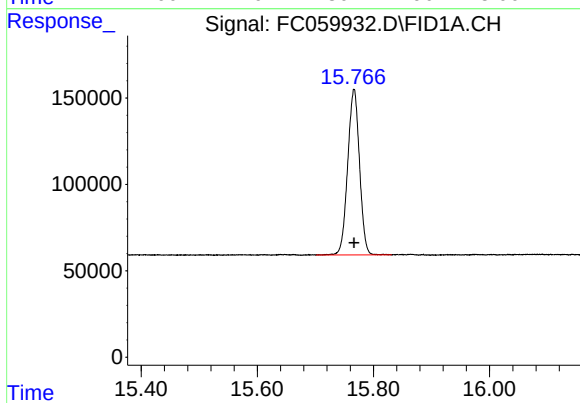
#14 n-Tetracosane (C24)

R.T.: 13.839 min
Delta R.T.: -0.001 min
Response: 1454284
Conc: 10.22 ug/ml



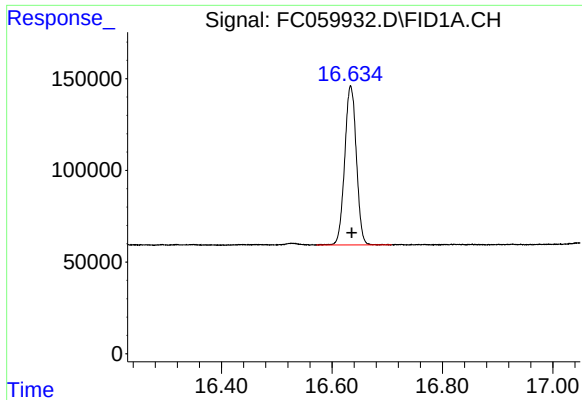
#15 n-Hexacosane (C26)

R.T.: 14.837 min
Delta R.T.: -0.001 min
Response: 1400779
Conc: 10.16 ug/ml



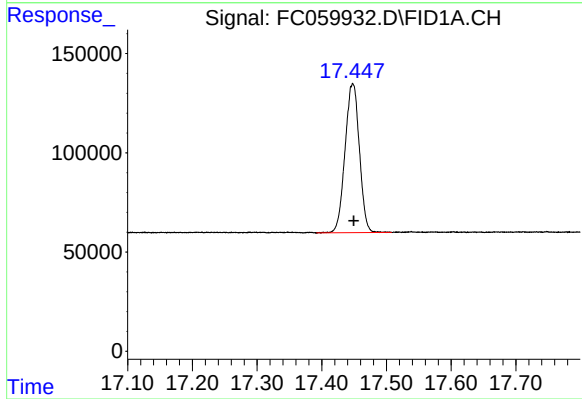
#16 n-Octacosane (C28)

R.T.: 15.767 min
Delta R.T.: 0.000 min
Response: 1351982
Conc: 10.19 ug/ml



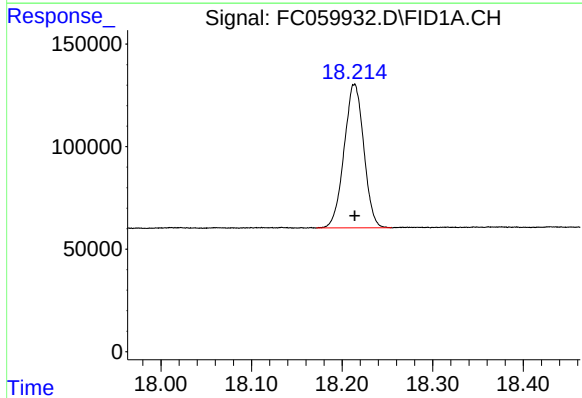
#17 n-Tricontane (C30)

R.T.: 16.634 min
Delta R.T.: -0.002 min
Response: 1269150
Conc: 10.15 ug/ml



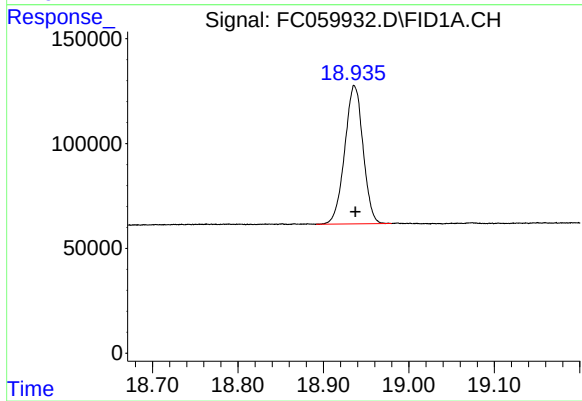
#18 n-Dotriacontane (C32)

R.T.: 17.448 min
Delta R.T.: -0.002 min
Response: 1155419
Conc: 10.14 ug/ml



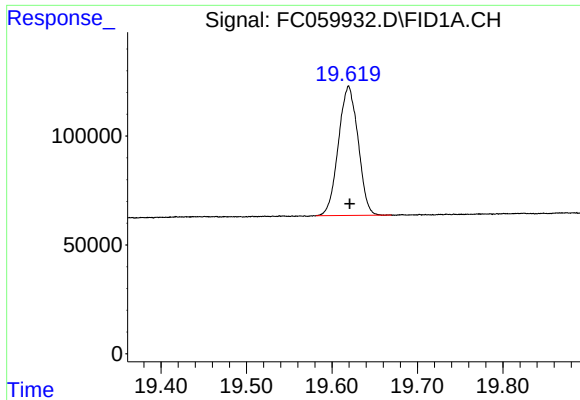
#19 n-Tetratriacontane (C34)

R.T.: 18.214 min
Delta R.T.: 0.000 min
Response: 1055705
Conc: 10.12 ug/ml



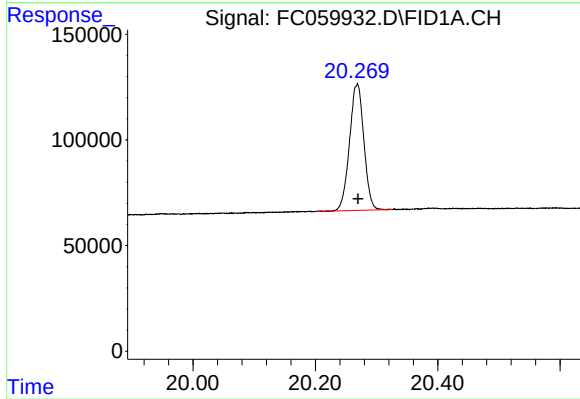
#20 n-Hexatriacontane (C36)

R.T.: 18.936 min
Delta R.T.: 0.000 min
Response: 980326
Conc: 10.15 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.619 min
Delta R.T.: -0.002 min
Response: 951186
Conc: 10.13 ug/ml



#22 n-Tetracontane (C40)

R.T.: 20.268 min
Delta R.T.: -0.002 min
Response: 972159
Conc: 10.15 ug/ml