

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC052722AL\
 Data File : FC059942.D
 Signal(s) : FID1A.CH
 Acq On : 27 May 2022 14:35
 Operator : UA/NP
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: May 28 05:59:53 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)	10.656	799960	5.067 ug/ml
Spiked Amount 50.000		Recovery =	10.13%
12) S 1-chlorooctadecane (S...	12.025	642123	5.079 ug/ml
Spiked Amount 50.000		Recovery =	10.16%
Target Compounds			
1) T n-Nonane (C9)	2.641	651733	4.972 ug/ml
2) T n-Decane (C10)	3.639	652531	4.973 ug/ml
3) T A~Naphthalene (C11.7)	5.184	702261	4.725 ug/ml
4) T n-Dodecane (C12)	5.588	684027	5.025 ug/ml
5) T A~2-methylnaphthalene...	6.208	724048	4.800 ug/ml
6) T n-Tetradecane (C14)	7.338	703812	5.044 ug/ml
7) T n-Hexadecane (C16)	8.901	725906	5.075 ug/ml
8) T n-Octadecane (C18)	10.308	744409	5.115 ug/ml
10) T n-Eicosane (C20)	11.589	748007	5.170 ug/ml
11) T n-Heneicosane (C21)	12.188	751040	5.169 ug/ml
13) T n-Docosane (C22)	12.761	743761	5.136 ug/ml
14) T n-Tetracosane (C24)	13.839	736919	5.179 ug/ml
15) T n-Hexacosane (C26)	14.837	711113	5.156 ug/ml
16) T n-Octacosane (C28)	15.766	688531	5.188 ug/ml
17) T n-Tricontane (C30)	16.633	652856	5.223 ug/ml
18) T n-Dotriacontane (C32)	17.447	596566	5.237 ug/ml
19) T n-Tetratriacontane (C34)	18.213	541634	5.192 ug/ml
20) T n-Hexatriacontane (C36)	18.935	497080	5.147 ug/ml
21) T n-Octatriacontane (C38)	19.619	486304	5.180 ug/ml
22) T n-Tetracontane (C40)	20.268	492920	5.148 ug/ml

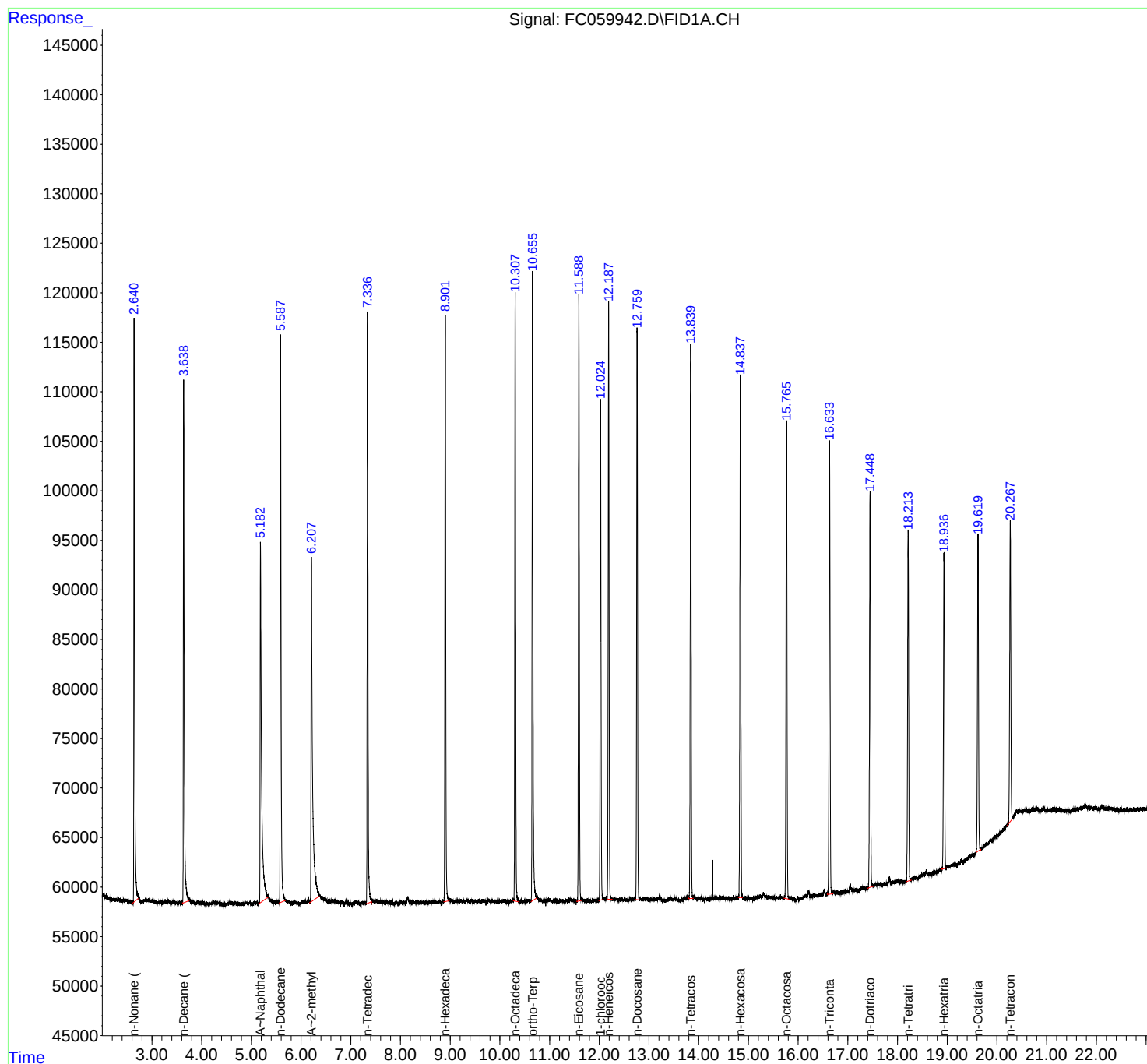
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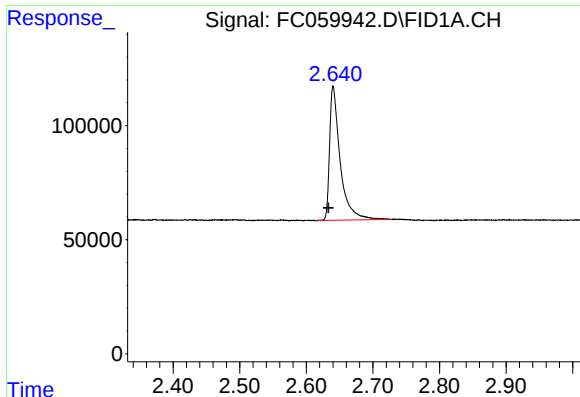
(m)=manual int.

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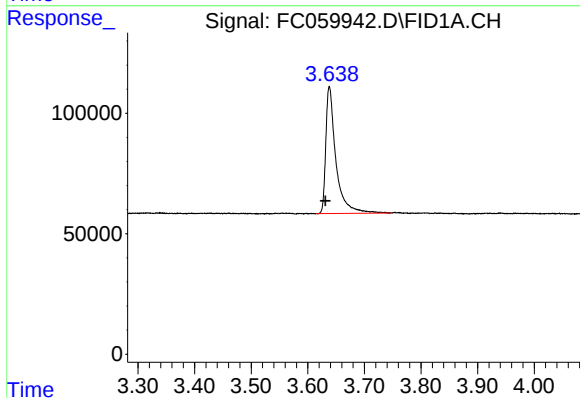
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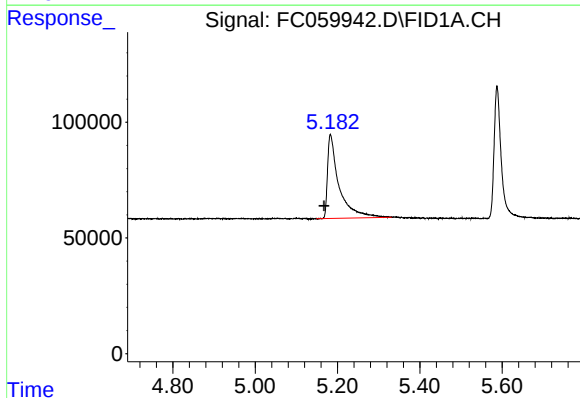
#1 n-Nonane (C9)

R.T.: 2.641 min
Delta R.T.: 0.008 min
Response: 651733
Conc: 4.97 ug/ml



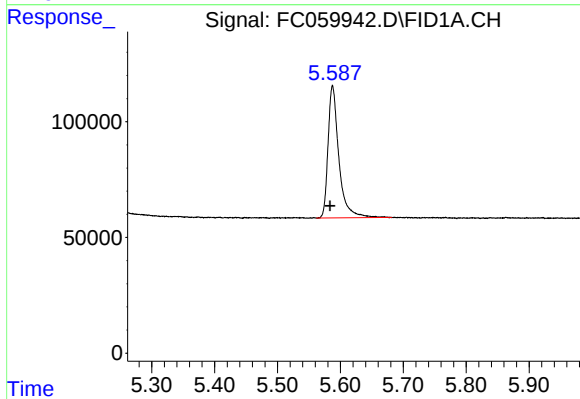
#2 n-Decane (C10)

R.T.: 3.639 min
Delta R.T.: 0.008 min
Response: 652531
Conc: 4.97 ug/ml



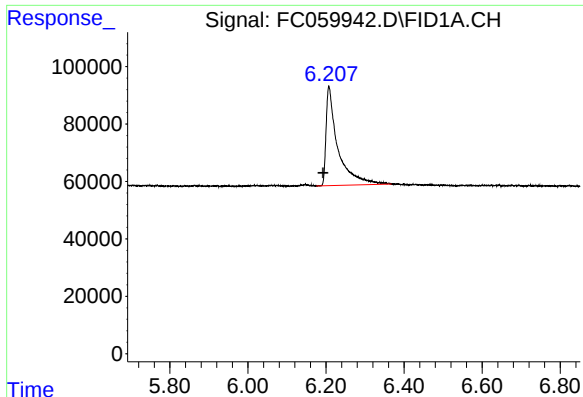
#3 A~Naphthalene (C11.7)

R.T.: 5.184 min
Delta R.T.: 0.017 min
Response: 702261
Conc: 4.73 ug/ml



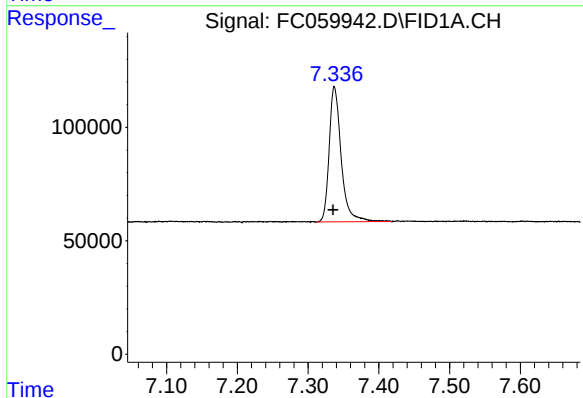
#4 n-Dodecane (C12)

R.T.: 5.588 min
Delta R.T.: 0.004 min
Response: 684027
Conc: 5.02 ug/ml



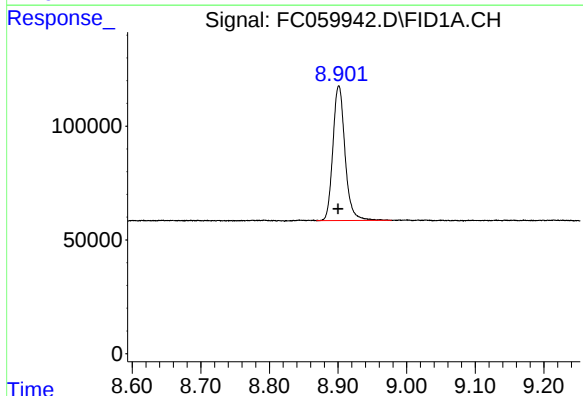
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.208 min
Delta R.T.: 0.016 min
Response: 724048
Conc: 4.80 ug/ml



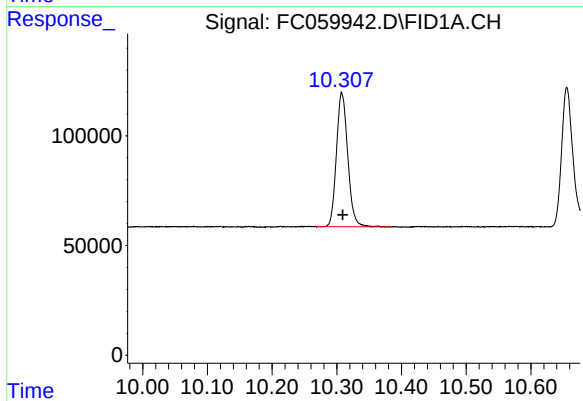
#6 n-Tetradecane (C14)

R.T.: 7.338 min
Delta R.T.: 0.002 min
Response: 703812
Conc: 5.04 ug/ml



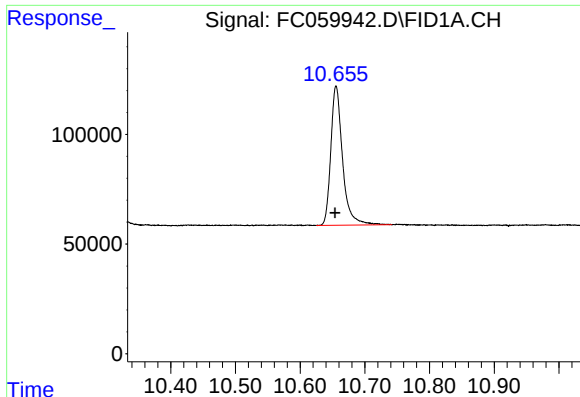
#7 n-Hexadecane (C16)

R.T.: 8.901 min
Delta R.T.: 0.001 min
Response: 725906
Conc: 5.08 ug/ml



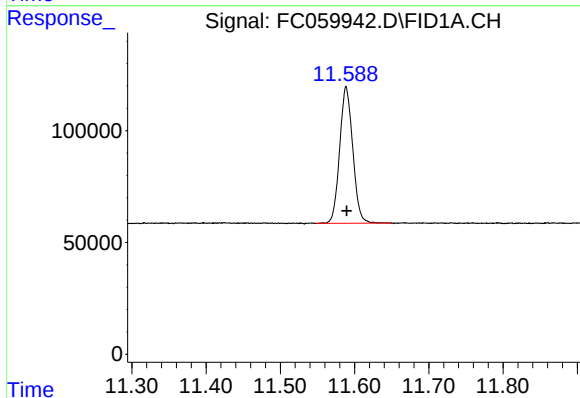
#8 n-Octadecane (C18)

R.T.: 10.308 min
Delta R.T.: 0.000 min
Response: 744409
Conc: 5.11 ug/ml



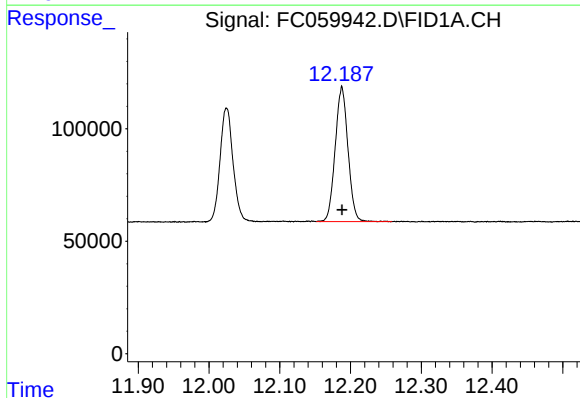
#9 ortho-Terphenyl (SURR)

R.T.: 10.656 min
Delta R.T.: 0.002 min
Response: 799960
Conc: 5.07 ug/ml



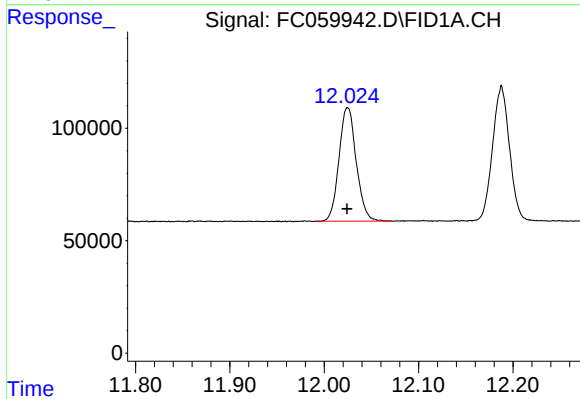
#10 n-Eicosane (C20)

R.T.: 11.589 min
Delta R.T.: 0.000 min
Response: 748007
Conc: 5.17 ug/ml



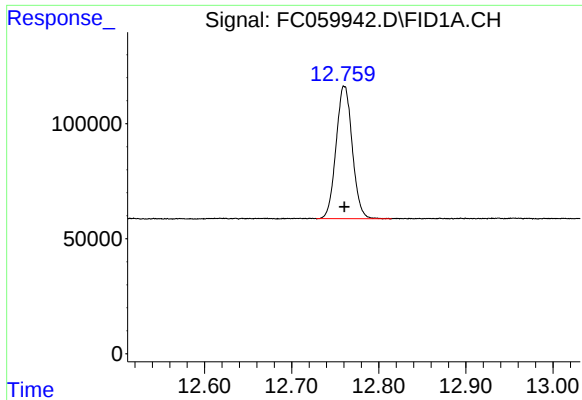
#11 n-Heneicosane (C21)

R.T.: 12.188 min
Delta R.T.: 0.000 min
Response: 751040
Conc: 5.17 ug/ml



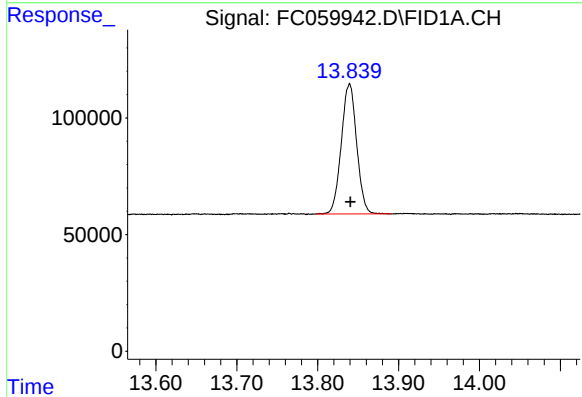
#12 1-chlorooctadecane (SURR)

R.T.: 12.025 min
Delta R.T.: 0.000 min
Response: 642123
Conc: 5.08 ug/ml



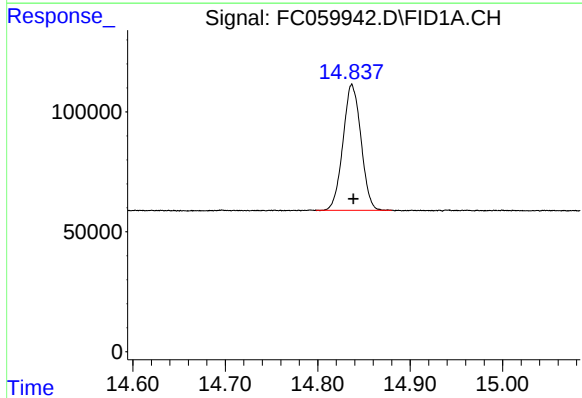
#13 n-Docosane (C22)

R.T.: 12.761 min
Delta R.T.: 0.000 min
Response: 743761
Conc: 5.14 ug/ml



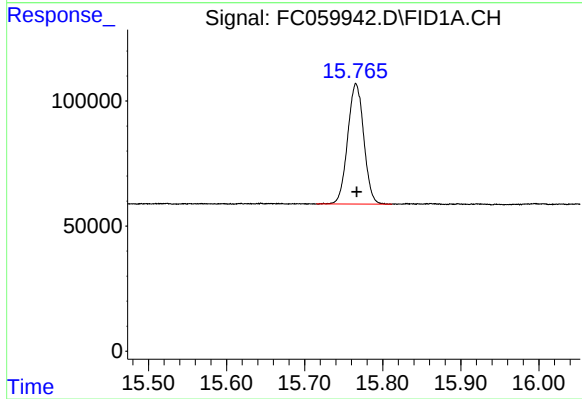
#14 n-Tetracosane (C24)

R.T.: 13.839 min
Delta R.T.: -0.001 min
Response: 736919
Conc: 5.18 ug/ml



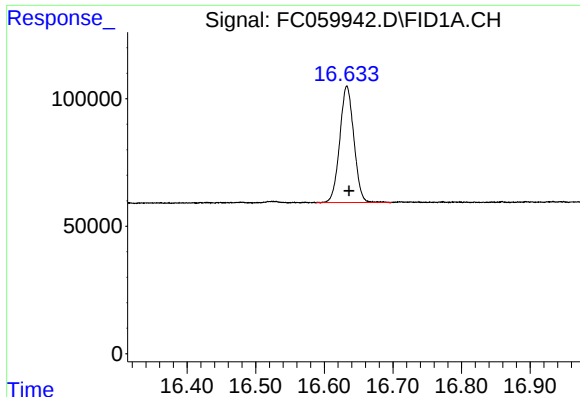
#15 n-Hexacosane (C26)

R.T.: 14.837 min
Delta R.T.: -0.002 min
Response: 711113
Conc: 5.16 ug/ml



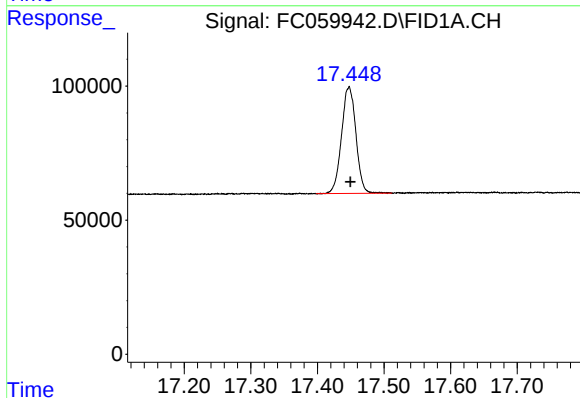
#16 n-Octacosane (C28)

R.T.: 15.766 min
Delta R.T.: 0.000 min
Response: 688531
Conc: 5.19 ug/ml



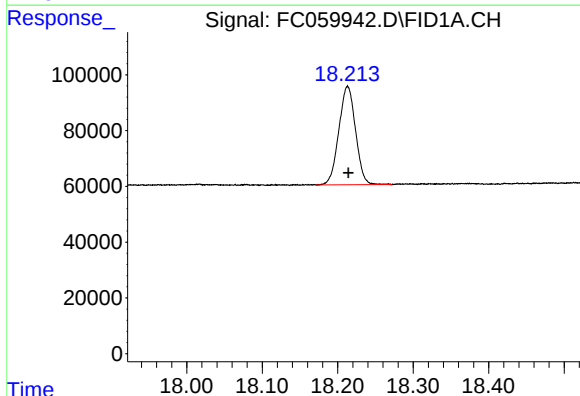
#17 n-Tricontane (C30)

R.T.: 16.633 min
Delta R.T.: -0.003 min
Response: 652856
Conc: 5.22 ug/ml



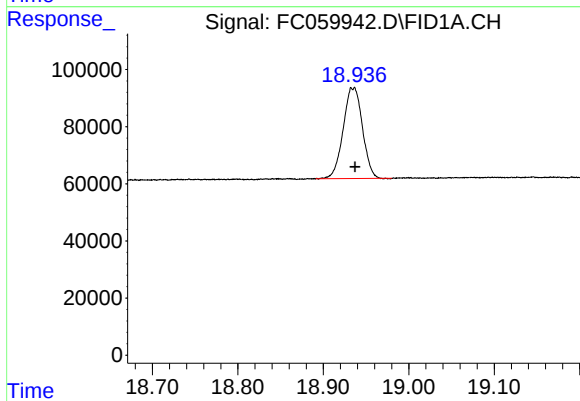
#18 n-Dotriacontane (C32)

R.T.: 17.447 min
Delta R.T.: -0.002 min
Response: 596566
Conc: 5.24 ug/ml



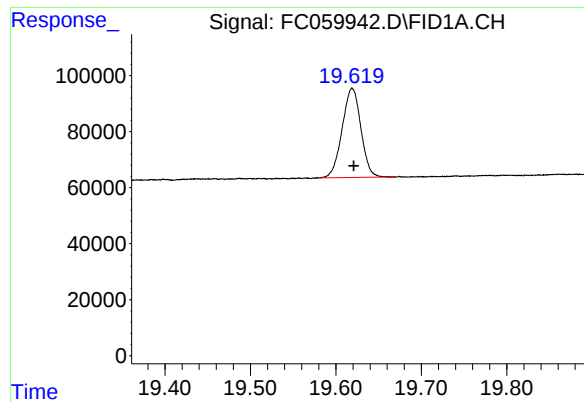
#19 n-Tetratriacontane (C34)

R.T.: 18.213 min
Delta R.T.: 0.000 min
Response: 541634
Conc: 5.19 ug/ml



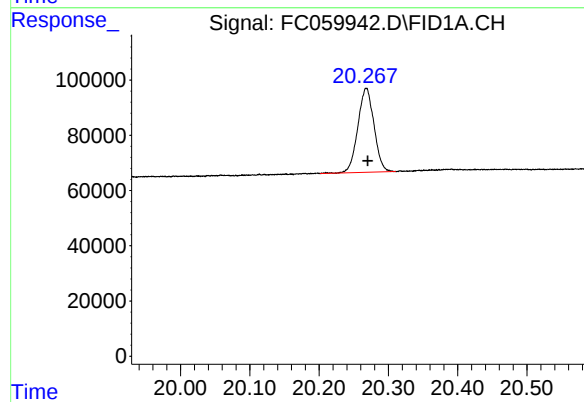
#20 n-Hexatriacontane (C36)

R.T.: 18.935 min
Delta R.T.: -0.002 min
Response: 497080
Conc: 5.15 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.619 min
Delta R.T.: -0.002 min
Response: 486304
Conc: 5.18 ug/ml



#22 n-Tetracontane (C40)

R.T.: 20.268 min
Delta R.T.: -0.002 min
Response: 492920
Conc: 5.15 ug/ml