

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC052722AL\
 Data File : FC059930.D
 Signal(s) : FID1A.CH
 Acq On : 27 May 2022 12:30
 Operator : UA/NP
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: May 28 05:59:14 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)	10.658	7496225	47.484 ug/ml
Spiked Amount 50.000		Recovery =	94.97%
12) S 1-chlorooctadecane (S...	12.028	5946895	47.036 ug/ml
Spiked Amount 50.000		Recovery =	94.07%
Target Compounds			
1) T n-Nonane (C9)	2.628	6195944	47.270 ug/ml
2) T n-Decane (C10)	3.627	6172850	47.040 ug/ml
3) T A~Naphthalene (C11.7)	5.163	7136404	48.016 ug/ml
4) T n-Dodecane (C12)	5.583	6403422	47.037 ug/ml
5) T A~2-methylnaphthalene...	6.189	7225447	47.903 ug/ml
6) T n-Tetradecane (C14)	7.336	6543597	46.897 ug/ml
7) T n-Hexadecane (C16)	8.901	6719665	46.982 ug/ml
8) T n-Octadecane (C18)	10.312	6843139	47.017 ug/ml
10) T n-Eicosane (C20)	11.592	6821691	47.154 ug/ml
11) T n-Heneicosane (C21)	12.192	6848292	47.132 ug/ml
13) T n-Docosane (C22)	12.765	6817364	47.079 ug/ml
14) T n-Tetracosane (C24)	13.844	6705771	47.125 ug/ml
15) T n-Hexacosane (C26)	14.844	6462956	46.860 ug/ml
16) T n-Octacosane (C28)	15.772	6173827	46.523 ug/ml
17) T n-Tricontane (C30)	16.639	5766799	46.135 ug/ml
18) T n-Dotriacontane (C32)	17.451	5245537	46.044 ug/ml
19) T n-Tetratriacontane (C34)	18.217	4827828	46.277 ug/ml
20) T n-Hexatriacontane (C36)	18.940	4520836	46.809 ug/ml
21) T n-Octatriacontane (C38)	19.626	4417662	47.060 ug/ml
22) T n-Tetracontane (C40)	20.274	4513840	47.143 ug/ml

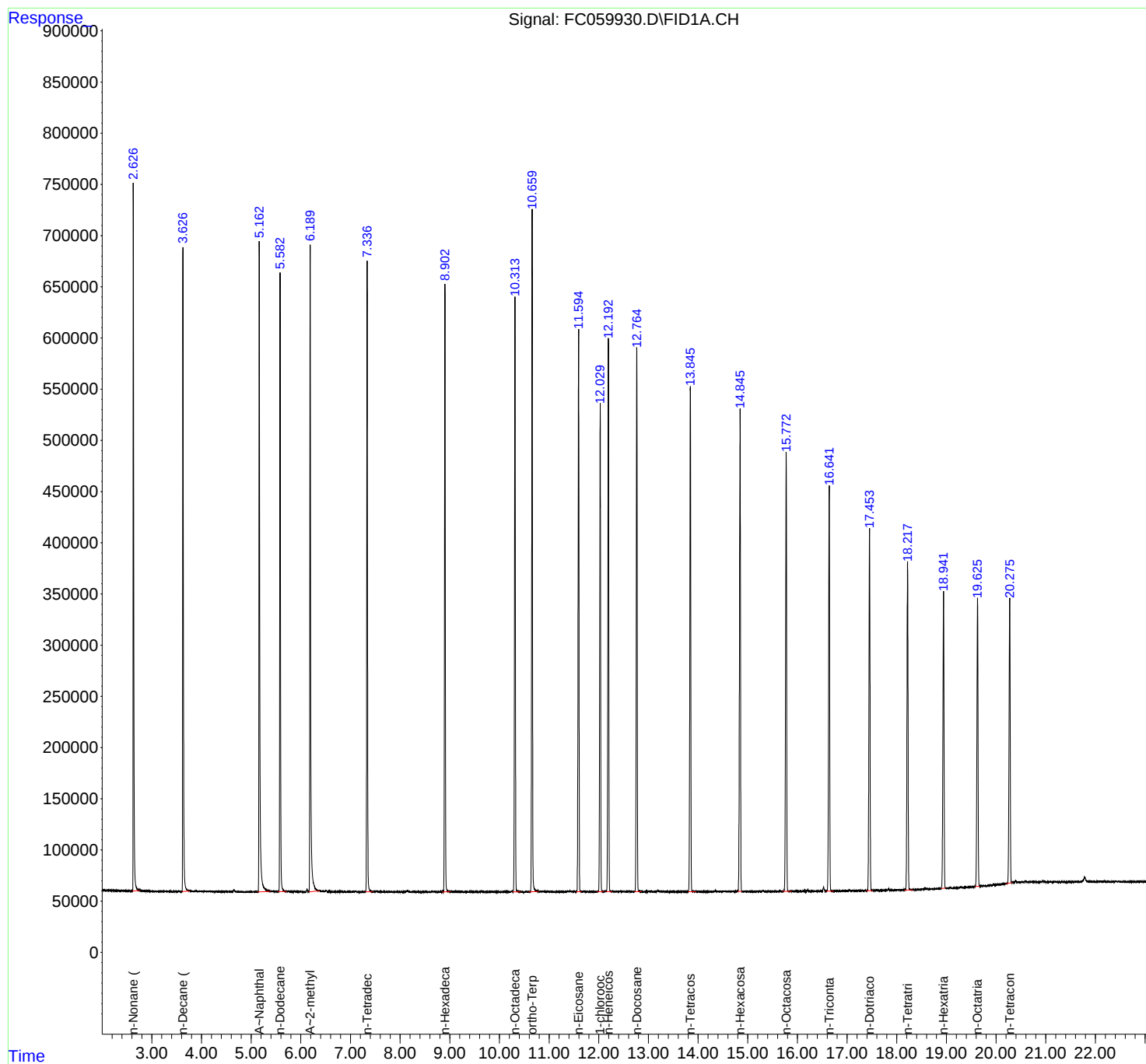
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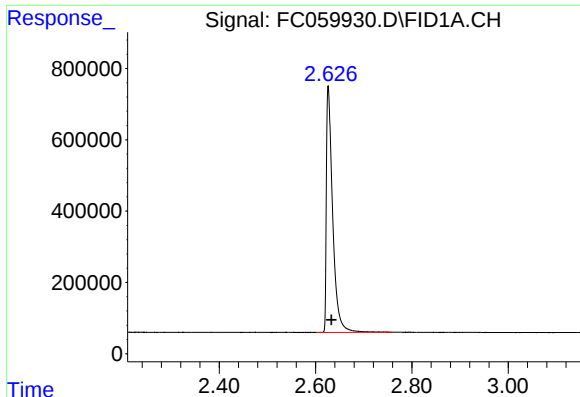
(m)=manual int.

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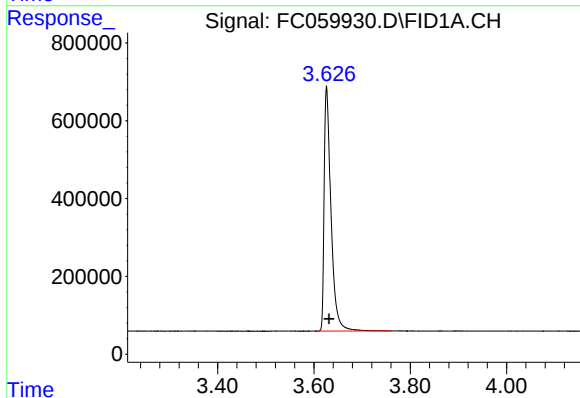
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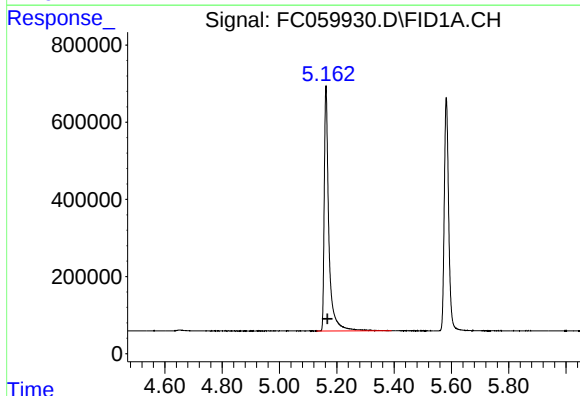
#1 n-Nonane (C9)

R.T.: 2.628 min
Delta R.T.: -0.005 min
Response: 6195944
Conc: 47.27 ug/ml



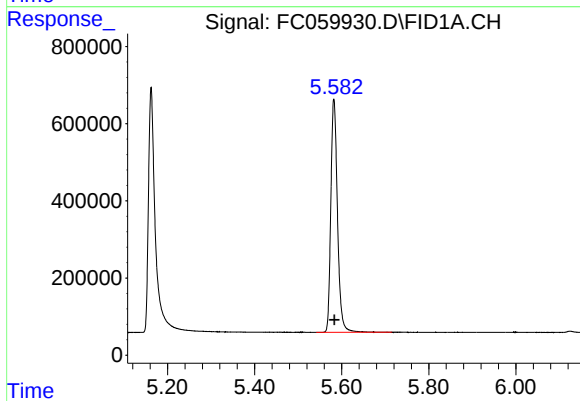
#2 n-Decane (C10)

R.T.: 3.627 min
Delta R.T.: -0.004 min
Response: 6172850
Conc: 47.04 ug/ml



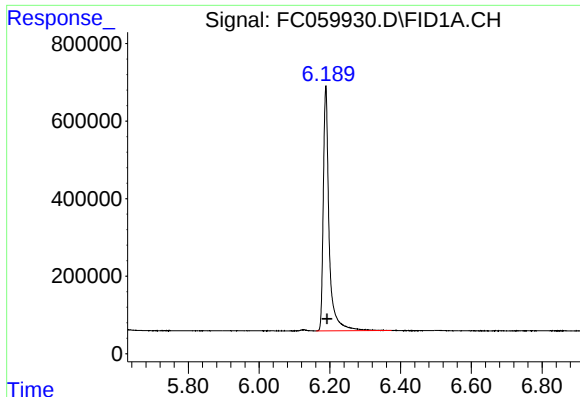
#3 A~Naphthalene (C11.7)

R.T.: 5.163 min
Delta R.T.: -0.004 min
Response: 7136404
Conc: 48.02 ug/ml



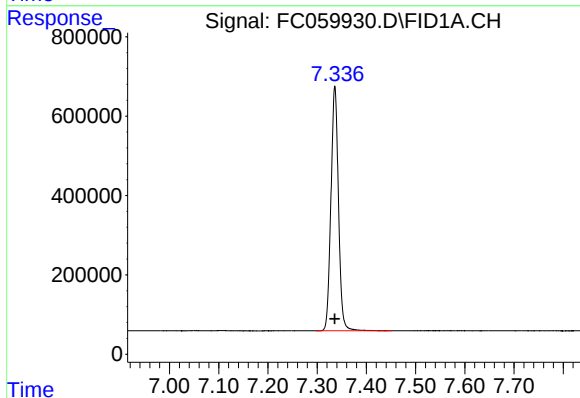
#4 n-Dodecane (C12)

R.T.: 5.583 min
Delta R.T.: 0.000 min
Response: 6403422
Conc: 47.04 ug/ml



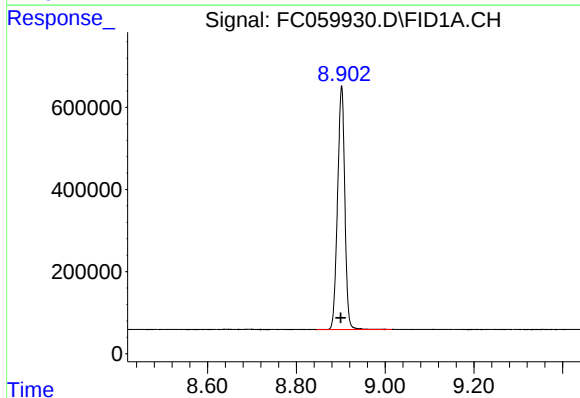
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.189 min
Delta R.T.: -0.004 min
Response: 7225447
Conc: 47.90 ug/ml



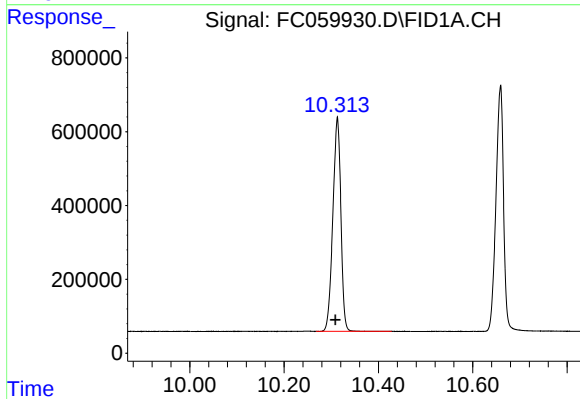
#6 n-Tetradecane (C14)

R.T.: 7.336 min
Delta R.T.: 0.000 min
Response: 6543597
Conc: 46.90 ug/ml



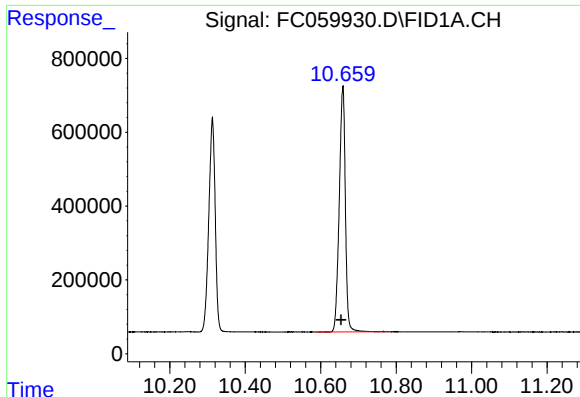
#7 n-Hexadecane (C16)

R.T.: 8.901 min
Delta R.T.: 0.001 min
Response: 6719665
Conc: 46.98 ug/ml



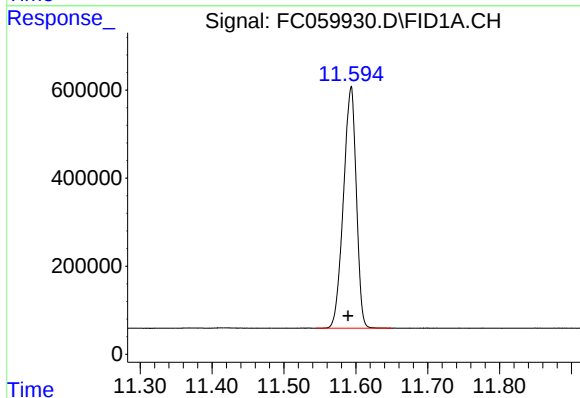
#8 n-Octadecane (C18)

R.T.: 10.312 min
Delta R.T.: 0.003 min
Response: 6843139
Conc: 47.02 ug/ml



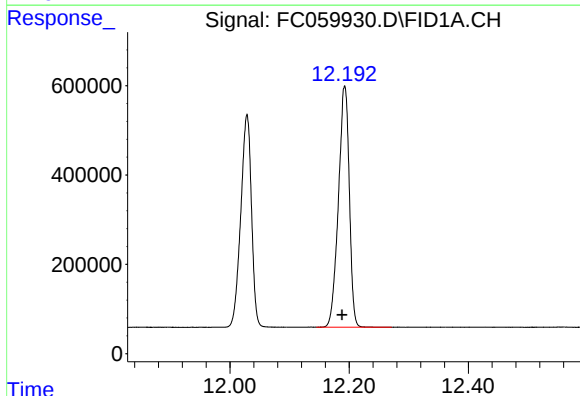
#9 ortho-Terphenyl (SURR)

R.T.: 10.658 min
Delta R.T.: 0.004 min
Response: 7496225
Conc: 47.48 ug/ml



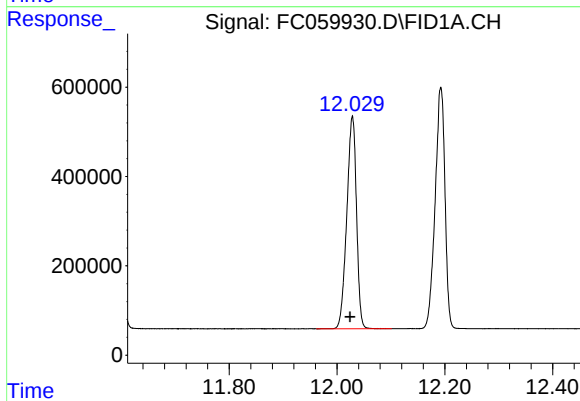
#10 n-Eicosane (C20)

R.T.: 11.592 min
Delta R.T.: 0.003 min
Response: 6821691
Conc: 47.15 ug/ml



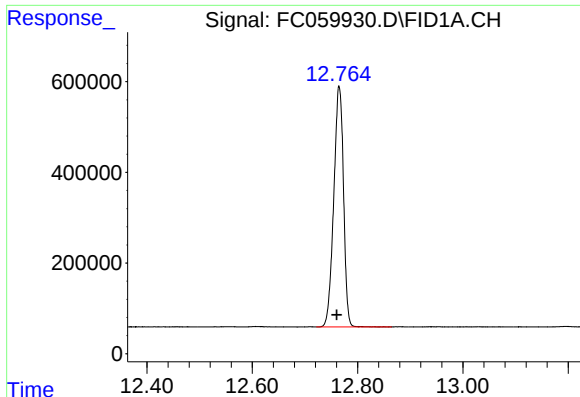
#11 n-Heneicosane (C21)

R.T.: 12.192 min
Delta R.T.: 0.004 min
Response: 6848292
Conc: 47.13 ug/ml



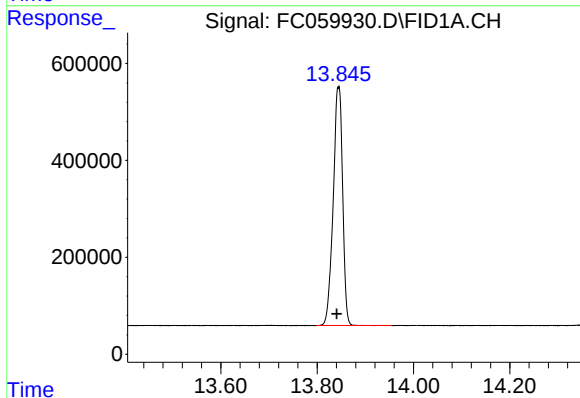
#12 1-chlorooctadecane (SURR)

R.T.: 12.028 min
Delta R.T.: 0.003 min
Response: 5946895
Conc: 47.04 ug/ml



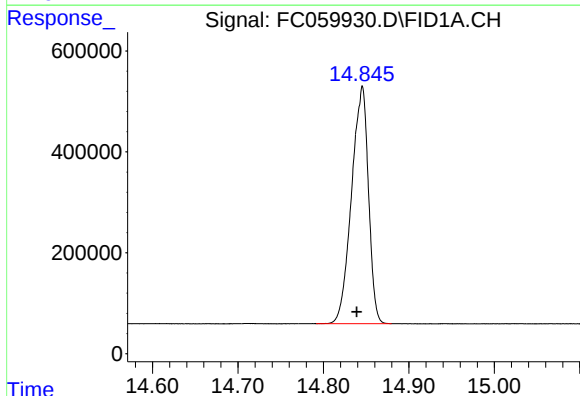
#13 n-Docosane (C22)

R.T.: 12.765 min
Delta R.T.: 0.004 min
Response: 6817364
Conc: 47.08 ug/ml



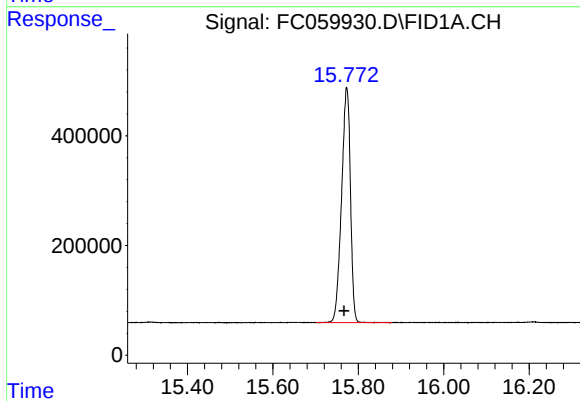
#14 n-Tetracosane (C24)

R.T.: 13.844 min
Delta R.T.: 0.003 min
Response: 6705771
Conc: 47.12 ug/ml



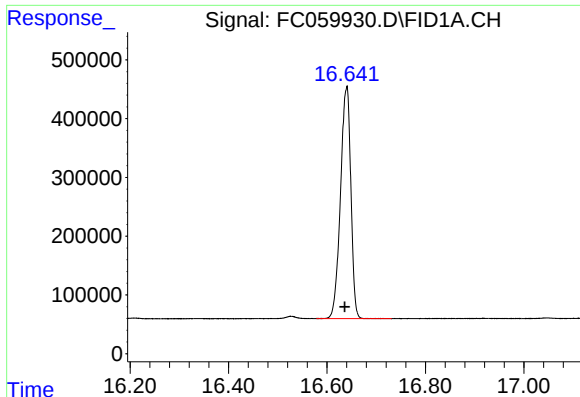
#15 n-Hexacosane (C26)

R.T.: 14.844 min
Delta R.T.: 0.005 min
Response: 6462956
Conc: 46.86 ug/ml



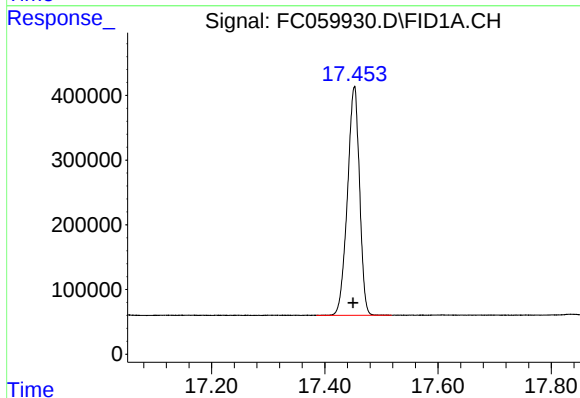
#16 n-Octacosane (C28)

R.T.: 15.772 min
Delta R.T.: 0.005 min
Response: 6173827
Conc: 46.52 ug/ml



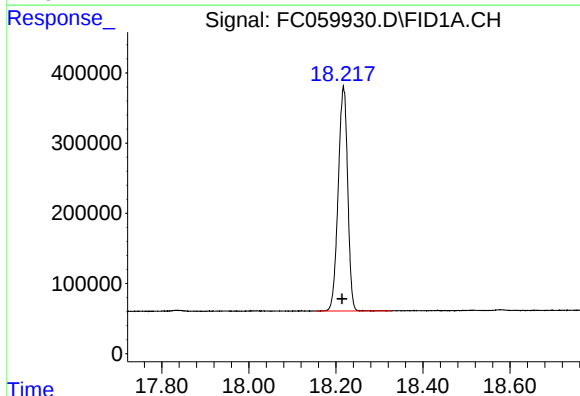
#17 n-Tricontane (C30)

R.T.: 16.639 min
Delta R.T.: 0.003 min
Response: 5766799
Conc: 46.14 ug/ml



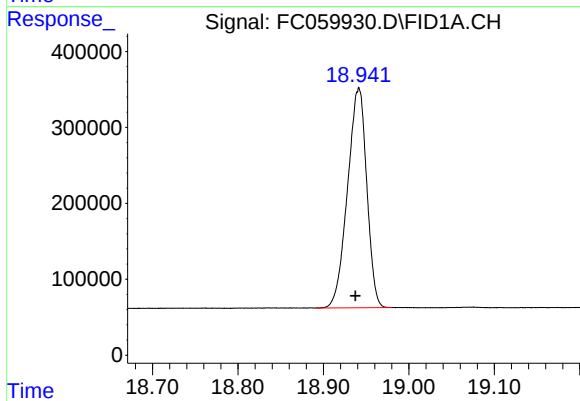
#18 n-Dotriacontane (C32)

R.T.: 17.451 min
Delta R.T.: 0.002 min
Response: 5245537
Conc: 46.04 ug/ml



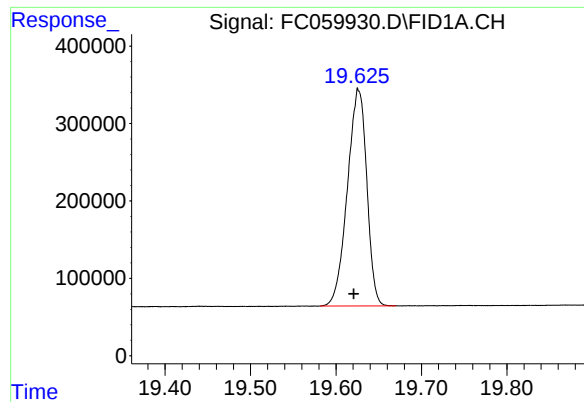
#19 n-Tetratriacontane (C34)

R.T.: 18.217 min
Delta R.T.: 0.003 min
Response: 4827828
Conc: 46.28 ug/ml



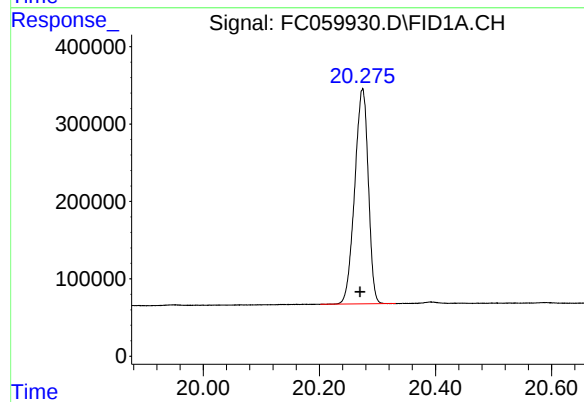
#20 n-Hexatriacontane (C36)

R.T.: 18.940 min
Delta R.T.: 0.003 min
Response: 4520836
Conc: 46.81 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.626 min
Delta R.T.: 0.005 min
Response: 4417662
Conc: 47.06 ug/ml



#22 n-Tetracontane (C40)

R.T.: 20.274 min
Delta R.T.: 0.004 min
Response: 4513840
Conc: 47.14 ug/ml