

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC031822AL\
 Data File : FC058824.D
 Signal(s) : FID1A.CH
 Acq On : 18 Mar 2022 10:03
 Operator : UA/NP
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 18 10:27:38 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 022322.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 23 17:15:11 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)	11.393	2917779	20.032 ug/ml
Spiked Amount 50.000		Recovery =	40.06%
12) S 1-chlorooctadecane (S...	12.823	2232270	19.694 ug/ml
Spiked Amount 50.000		Recovery =	39.39%
Target Compounds			
1) T n-Nonane (C9)	3.251	2457132	20.433 ug/ml
2) T n-Decane (C10)	4.300	2468791	20.746 ug/ml
3) T A~Naphthalene (C11.7)	5.865	2476886	19.085 ug/ml
4) T n-Dodecane (C12)	6.292	2602637	21.157 ug/ml
5) T A~2-methylnaphthalene...	6.910	2458018	18.854 ug/ml
6) T n-Tetradecane (C14)	8.068	2626383	20.960 ug/ml
7) T n-Hexadecane (C16)	9.655	2674759	20.770 ug/ml
8) T n-Octadecane (C18)	11.084	2732532	20.765 ug/ml
10) T n-Eicosane (C20)	12.383	2685364	20.421 ug/ml
11) T n-Heneicosane (C21)	12.991	2671019	20.211 ug/ml
13) T n-Docosane (C22)	13.574	2627105	20.151 ug/ml
14) T n-Tetracosane (C24)	14.668	2579944	19.979 ug/ml
15) T n-Hexacosane (C26)	15.682	2501724	20.224 ug/ml
16) T n-Octacosane (C28)	16.626	2486688	20.891 ug/ml
17) T n-Tricontane (C30)	17.508	2501394	22.222 ug/ml
18) T n-Dotriacontane (C32)	18.336	2400867	22.327 ug/ml
19) T n-Tetratriacontane (C34)	19.116	2238369	23.102 ug/ml
20) T n-Hexatriacontane (C36)	19.850	2104598	23.328 ug/ml
21) T n-Octatriacontane (C38)	20.554	2018906	23.200 ug/ml
22) T n-Tetracontane (C40)	21.373	2012269	23.979 ug/mlm

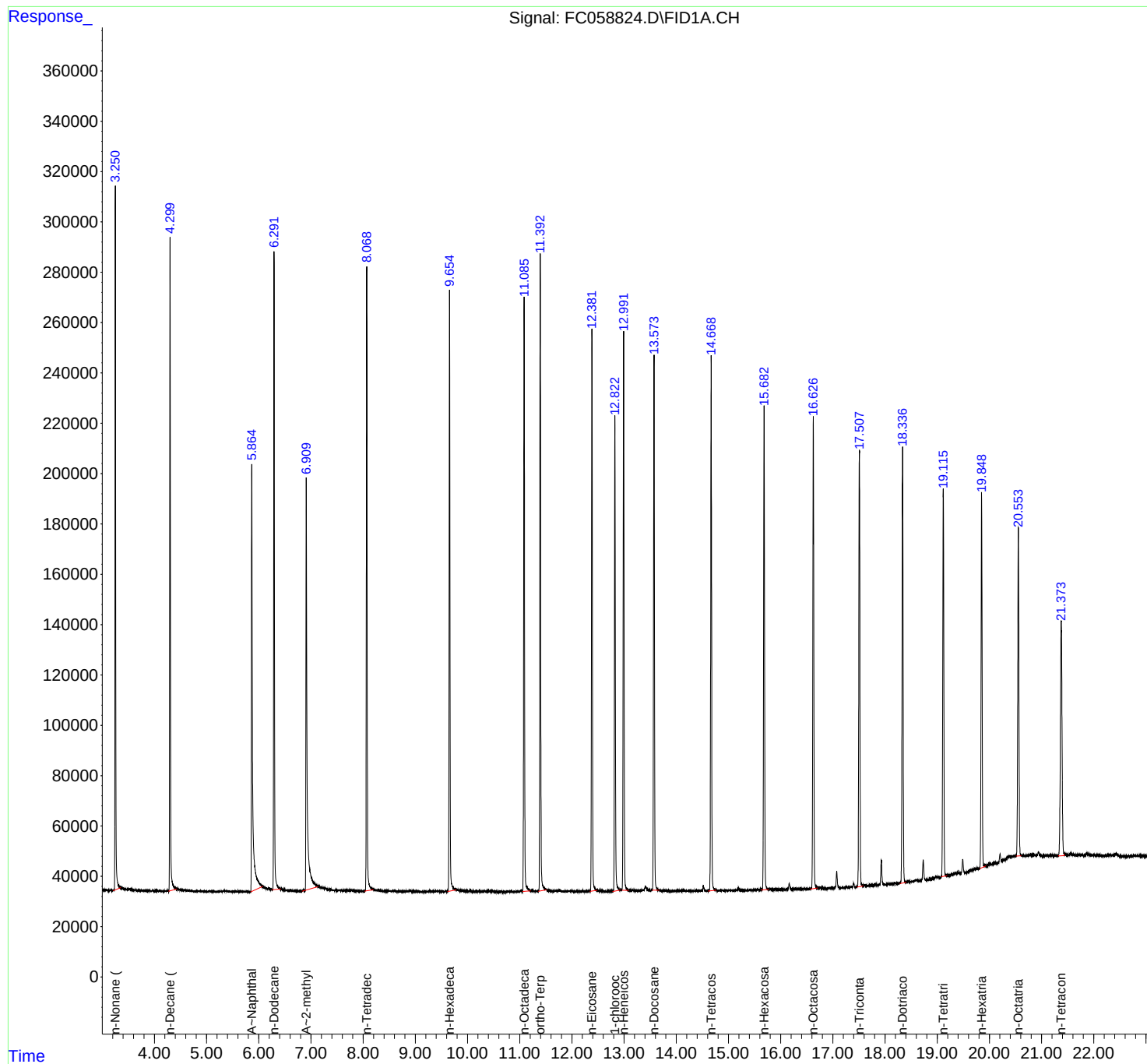
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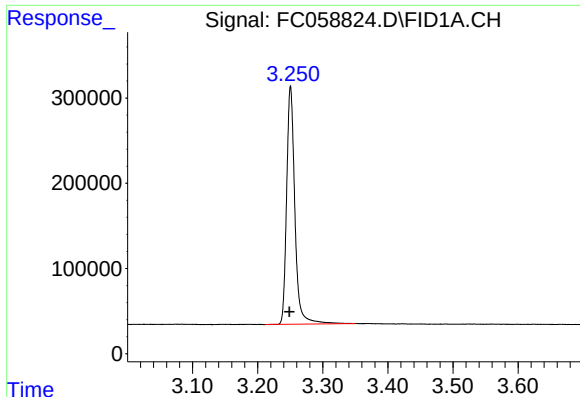
(m)=manual int.

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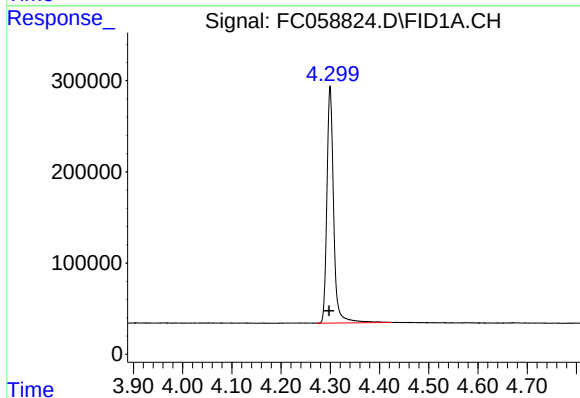
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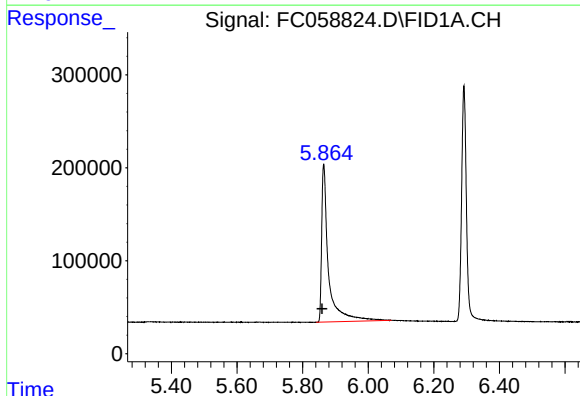
#1 n-Nonane (C9)

R.T.: 3.251 min
Delta R.T.: 0.002 min
Response: 2457132
Conc: 20.43 ug/ml



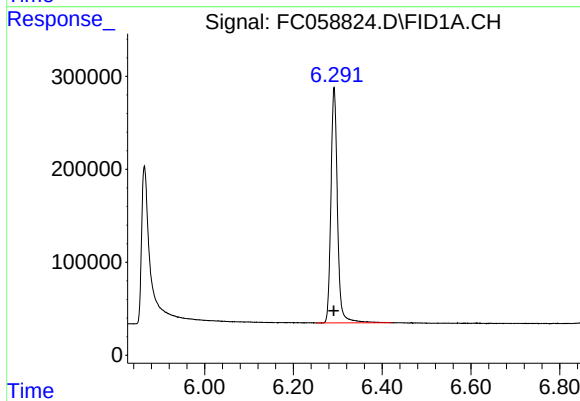
#2 n-Decane (C10)

R.T.: 4.300 min
Delta R.T.: 0.002 min
Response: 2468791
Conc: 20.75 ug/ml



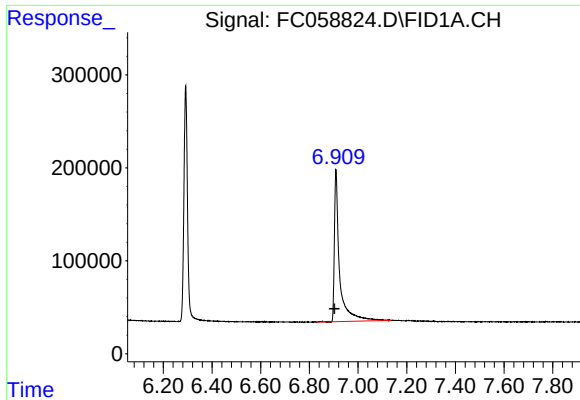
#3 A~Naphthalene (C11.7)

R.T.: 5.865 min
Delta R.T.: 0.006 min
Response: 2476886
Conc: 19.08 ug/ml



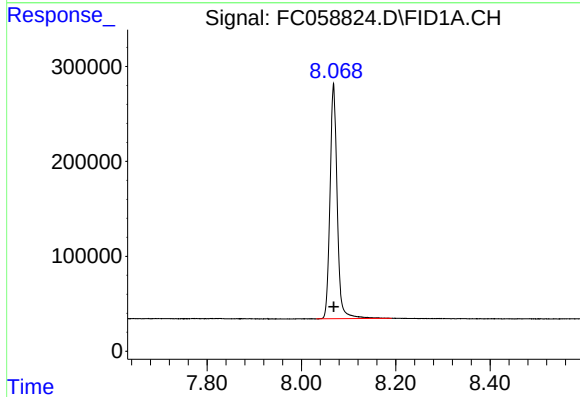
#4 n-Dodecane (C12)

R.T.: 6.292 min
Delta R.T.: 0.000 min
Response: 2602637
Conc: 21.16 ug/ml



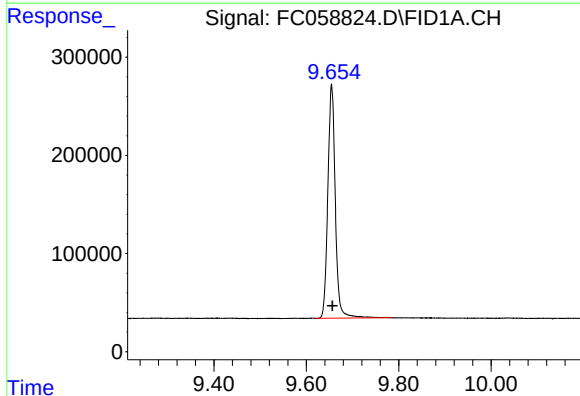
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.910 min
Delta R.T.: 0.007 min
Response: 2458018
Conc: 18.85 ug/ml



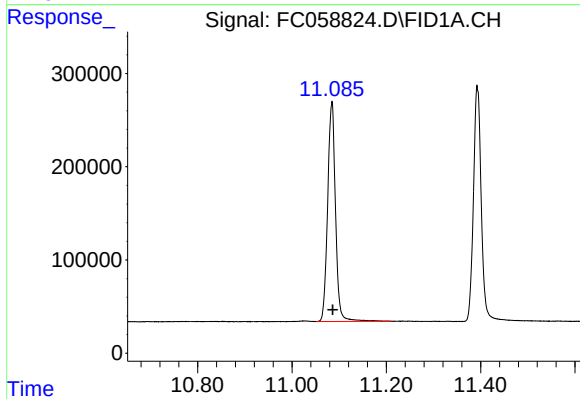
#6 n-Tetradecane (C14)

R.T.: 8.068 min
Delta R.T.: 0.000 min
Response: 2626383
Conc: 20.96 ug/ml



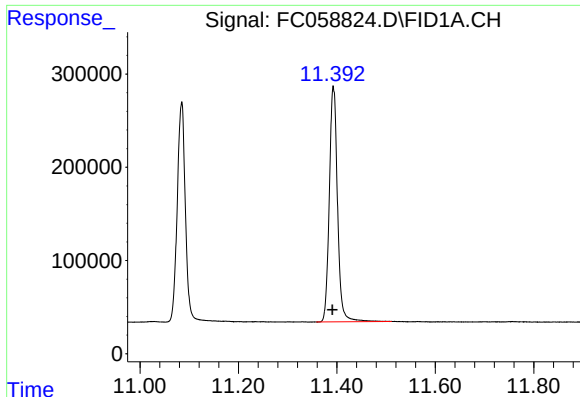
#7 n-Hexadecane (C16)

R.T.: 9.655 min
Delta R.T.: -0.002 min
Response: 2674759
Conc: 20.77 ug/ml



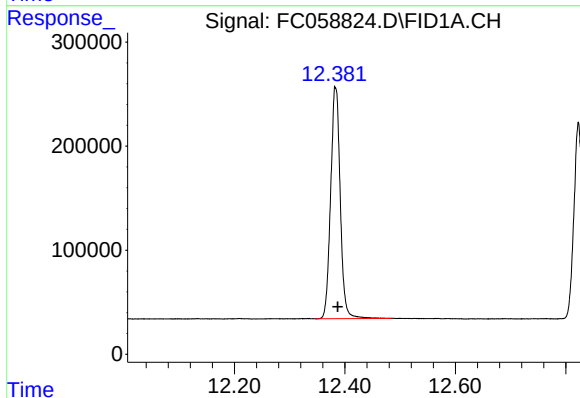
#8 n-Octadecane (C18)

R.T.: 11.084 min
Delta R.T.: -0.002 min
Response: 2732532
Conc: 20.76 ug/ml



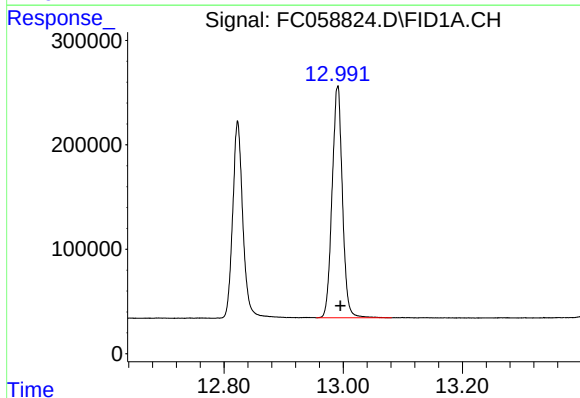
#9 ortho-Terphenyl (SURR)

R.T.: 11.393 min
Delta R.T.: 0.002 min
Response: 2917779
Conc: 20.03 ug/ml



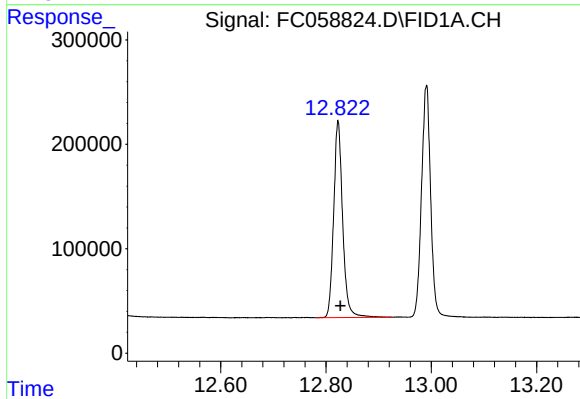
#10 n-Eicosane (C20)

R.T.: 12.383 min
Delta R.T.: -0.004 min
Response: 2685364
Conc: 20.42 ug/ml



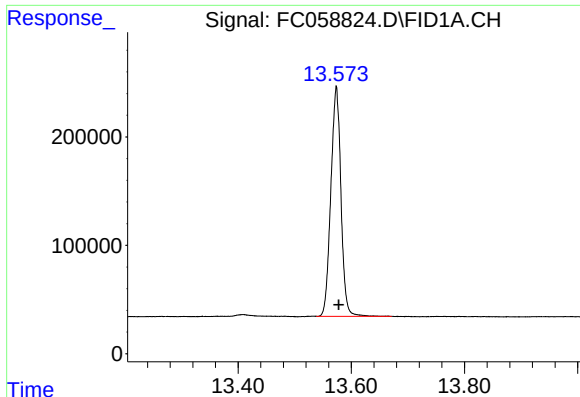
#11 n-Heneicosane (C21)

R.T.: 12.991 min
Delta R.T.: -0.005 min
Response: 2671019
Conc: 20.21 ug/ml



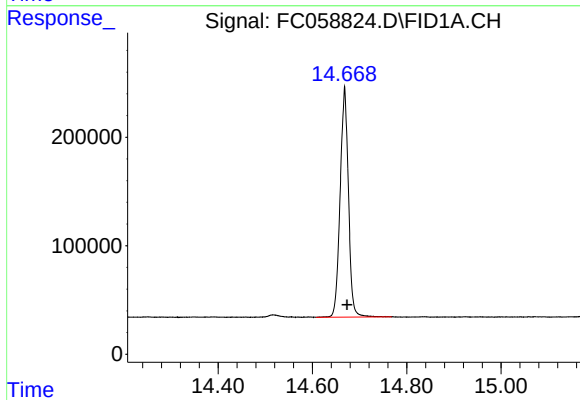
#12 1-chlorooctadecane (SURR)

R.T.: 12.823 min
Delta R.T.: -0.004 min
Response: 2232270
Conc: 19.69 ug/ml



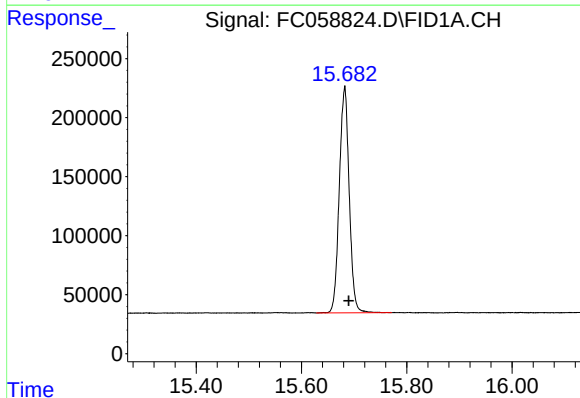
#13 n-Docosane (C22)

R.T.: 13.574 min
Delta R.T.: -0.004 min
Response: 2627105
Conc: 20.15 ug/ml



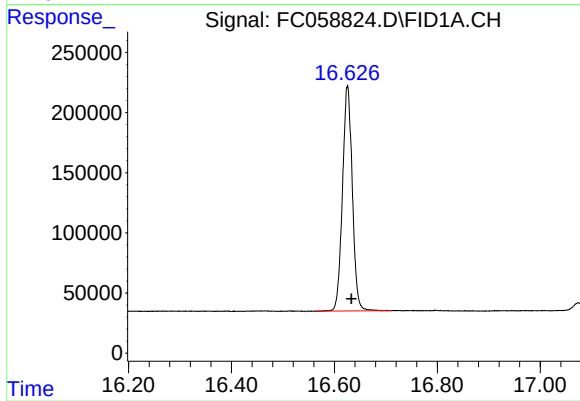
#14 n-Tetracosane (C24)

R.T.: 14.668 min
Delta R.T.: -0.006 min
Response: 2579944
Conc: 19.98 ug/ml



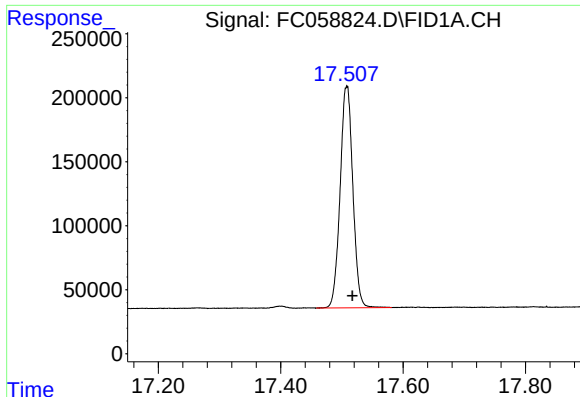
#15 n-Hexacosane (C26)

R.T.: 15.682 min
Delta R.T.: -0.008 min
Response: 2501724
Conc: 20.22 ug/ml



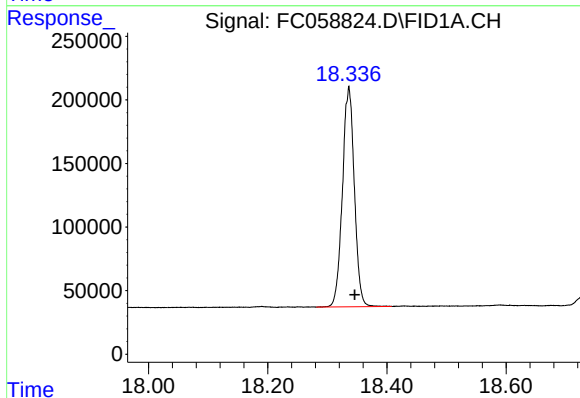
#16 n-Octacosane (C28)

R.T.: 16.626 min
Delta R.T.: -0.008 min
Response: 2486688
Conc: 20.89 ug/ml



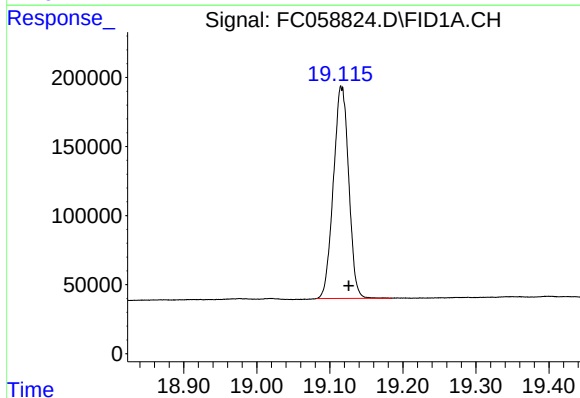
#17 n-Tricontane (C30)

R.T.: 17.508 min
Delta R.T.: -0.009 min
Response: 2501394
Conc: 22.22 ug/ml



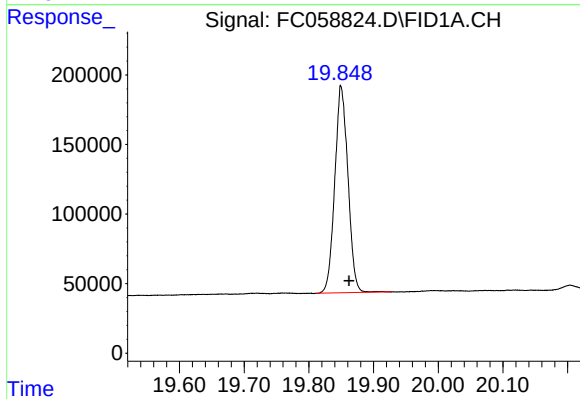
#18 n-Dotriacontane (C32)

R.T.: 18.336 min
Delta R.T.: -0.010 min
Response: 2400867
Conc: 22.33 ug/ml



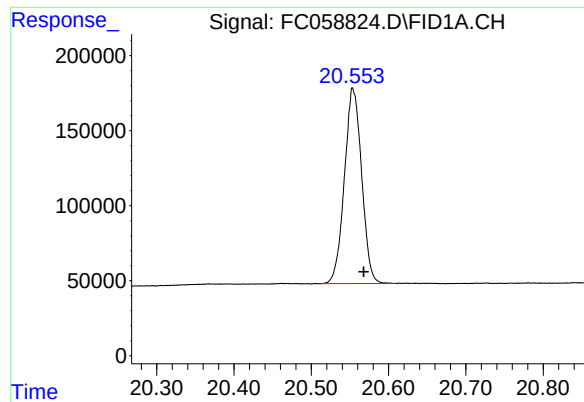
#19 n-Tetratriacontane (C34)

R.T.: 19.116 min
Delta R.T.: -0.010 min
Response: 2238369
Conc: 23.10 ug/ml



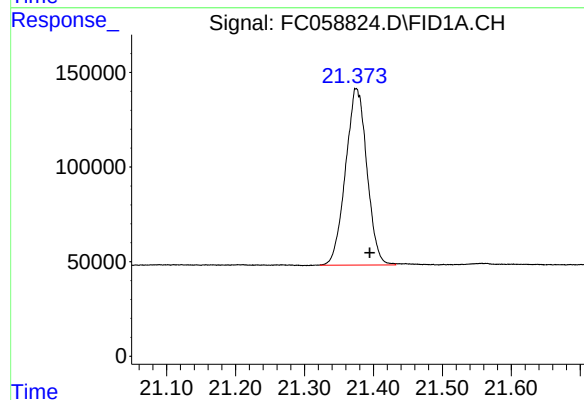
#20 n-Hexatriacontane (C36)

R.T.: 19.850 min
Delta R.T.: -0.012 min
Response: 2104598
Conc: 23.33 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.554 min
Delta R.T.: -0.014 min
Response: 2018906
Conc: 23.20 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.373 min
Delta R.T.: -0.022 min
Response: 2012269
Conc: 23.98 ug/ml m