

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC011121AL\
 Data File : FC051666.D
 Signal(s) : FID1A.CH
 Acq On : 11 Jan 2021 23:43
 Operator : DD\AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 12 00:55:56 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 011121.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 12 00:44:56 2021
 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)	11.667	588041	4.658 ug/ml
Spiked Amount 50.000		Recovery =	9.32%
12) S 1-chlorooctadecane (S...	13.102	468343	4.666 ug/ml
Spiked Amount 50.000		Recovery =	9.33%
Target Compounds			
1) T n-Nonane (C9)	3.405	522898	4.572 ug/ml
2) T n-Decane (C10)	4.476	526809	4.600 ug/ml
3) T A~Naphthalene (C11.7)	6.069	594277	4.629 ug/ml
4) T n-Dodecane (C12)	6.500	528664	4.600 ug/ml
5) T A~2-methylnaphthalene...	7.127	597455	4.603 ug/ml
6) T n-Tetradecane (C14)	8.299	521311	4.588 ug/ml
7) T n-Hexadecane (C16)	9.902	518323	4.631 ug/ml
8) T n-Octadecane (C18)	11.346	539712	4.642 ug/ml
10) T n-Eicosane (C20)	12.658	547010	4.620 ug/ml
11) T n-Heneicosane (C21)	13.270	552261	4.722 ug/ml
13) T n-Docosane (C22)	13.857	547484	4.689 ug/ml
14) T n-Tetracosane (C24)	14.960	549256	4.718 ug/ml
15) T n-Hexacosane (C26)	15.982	536339	4.708 ug/ml
16) T n-Octacosane (C28)	16.932	533911	4.779 ug/ml
17) T n-Tricontane (C30)	17.820	519194	4.879 ug/ml
18) T n-Dotriacontane (C32)	18.652	471879	4.946 ug/ml
19) T n-Tetratriacontane (C34)	19.437	421535	4.887 ug/ml
20) T n-Hexatriacontane (C36)	20.178	372057	4.769 ug/ml
21) T n-Octatriacontane (C38)	20.930	347440	4.707 ug/ml
22) T n-Tetracontane (C40)	21.870	348732	4.560 ug/ml

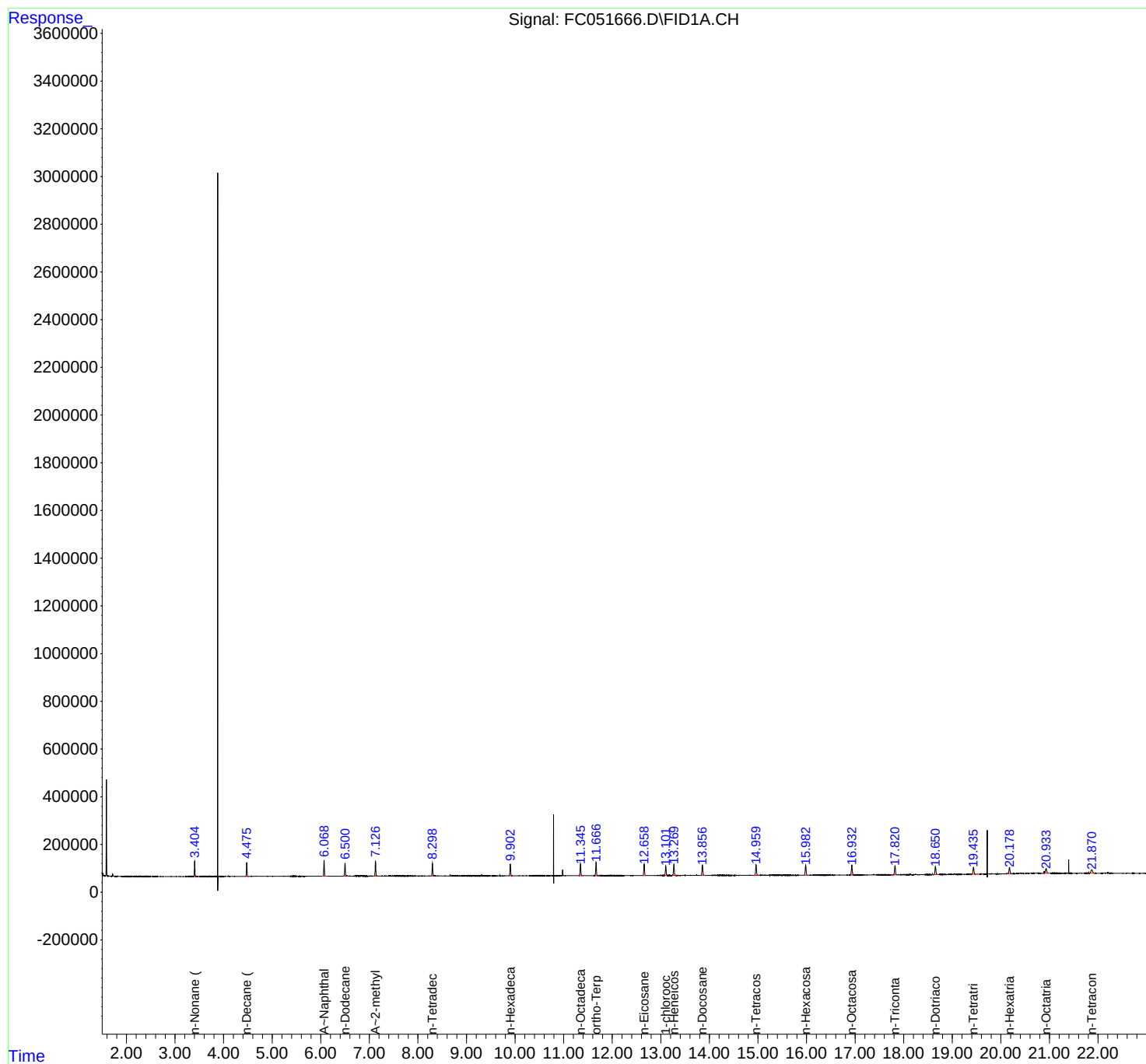
(f)=RT Delta > 1/2 Window

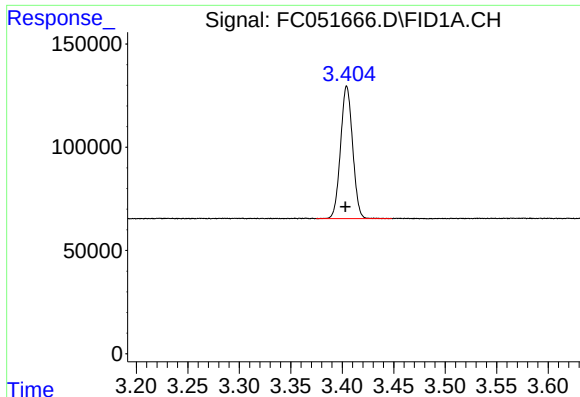
(m)=manual int.

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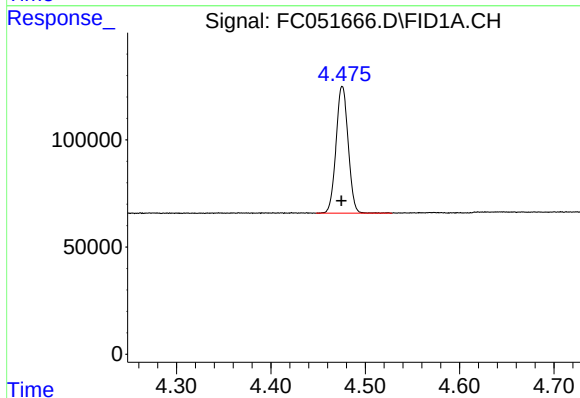
Volume Inj. : 1 ul
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Signal Info : 20M x 0.18mm x 0.18um





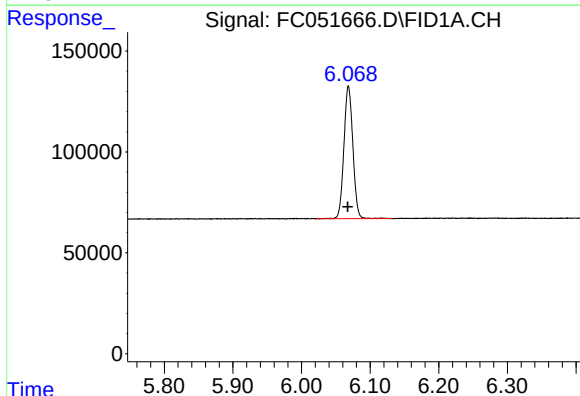
#1 n-Nonane (C9)

R.T.: 3.405 min
Delta R.T.: 0.002 min
Response: 522898
Conc: 4.57 ug/ml



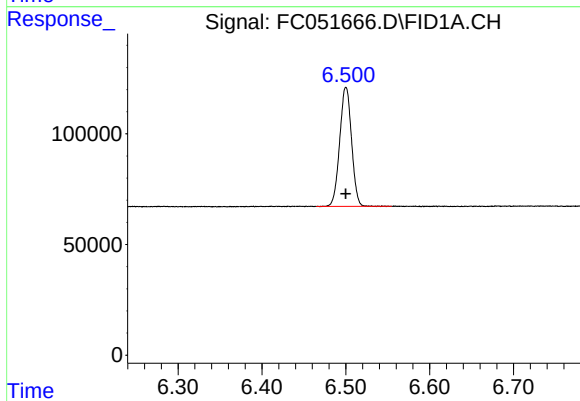
#2 n-Decane (C10)

R.T.: 4.476 min
Delta R.T.: 0.001 min
Response: 526809
Conc: 4.60 ug/ml



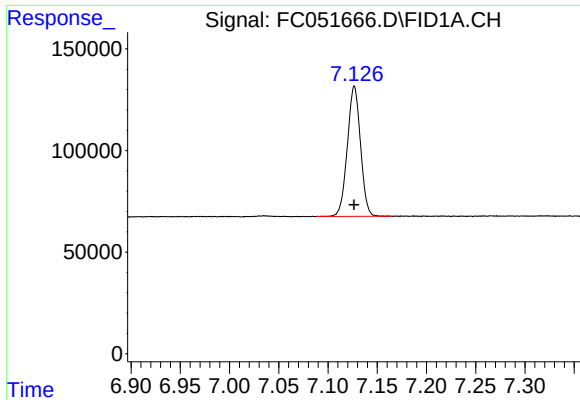
#3 A~Naphthalene (C11.7)

R.T.: 6.069 min
Delta R.T.: 0.001 min
Response: 594277
Conc: 4.63 ug/ml



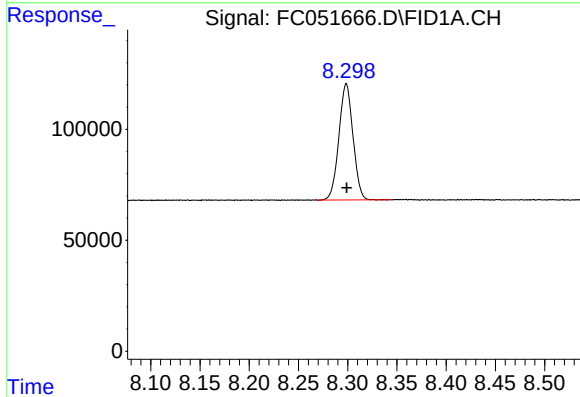
#4 n-Dodecane (C12)

R.T.: 6.500 min
Delta R.T.: 0.000 min
Response: 528664
Conc: 4.60 ug/ml



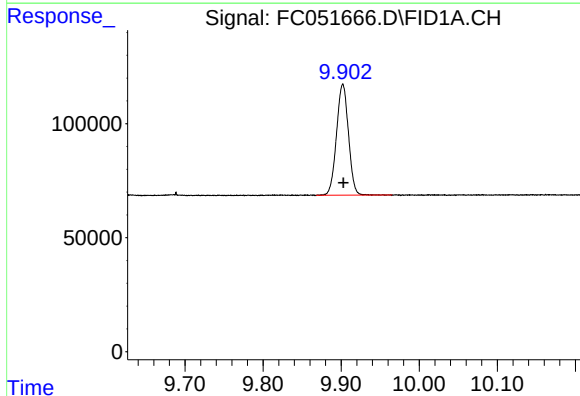
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.127 min
Delta R.T.: 0.000 min
Response: 597455
Conc: 4.60 ug/ml



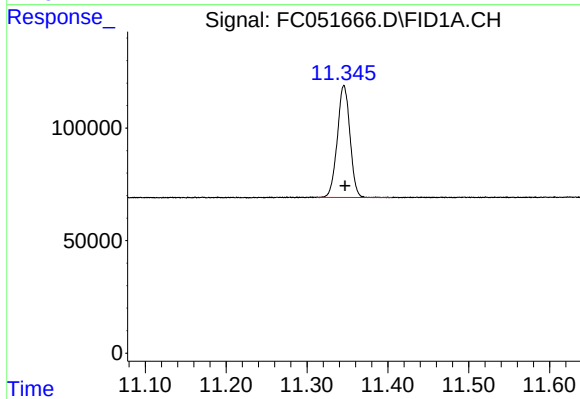
#6 n-Tetradecane (C14)

R.T.: 8.299 min
Delta R.T.: 0.000 min
Response: 521311
Conc: 4.59 ug/ml



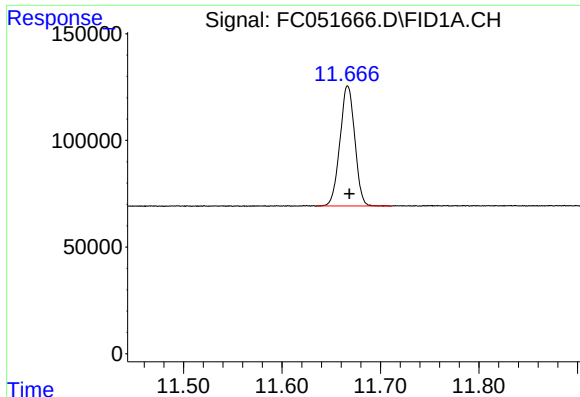
#7 n-Hexadecane (C16)

R.T.: 9.902 min
Delta R.T.: 0.000 min
Response: 518323
Conc: 4.63 ug/ml



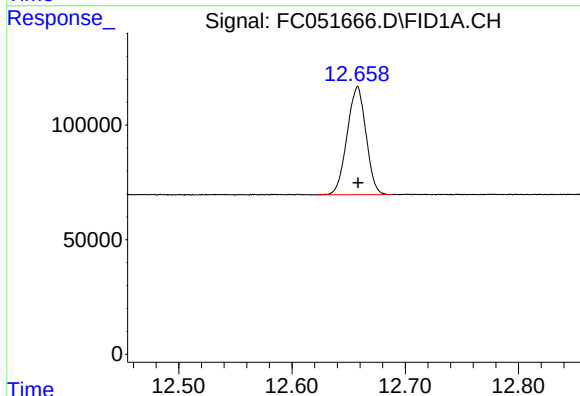
#8 n-Octadecane (C18)

R.T.: 11.346 min
Delta R.T.: -0.001 min
Response: 539712
Conc: 4.64 ug/ml



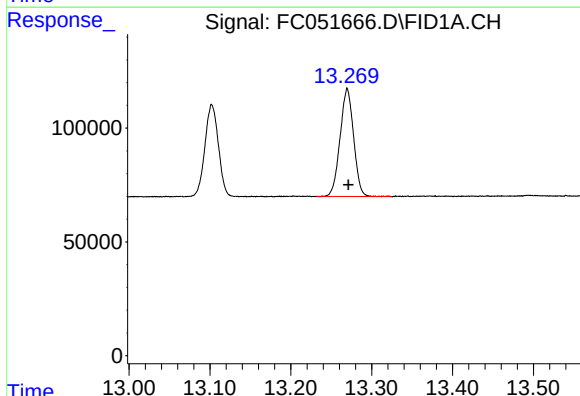
#9 ortho-Terphenyl (SURR)

R.T.: 11.667 min
Delta R.T.: -0.002 min
Response: 588041
Conc: 4.66 ug/ml



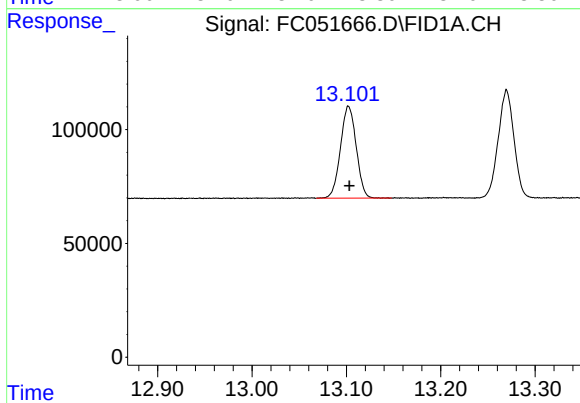
#10 n-Eicosane (C20)

R.T.: 12.658 min
Delta R.T.: 0.000 min
Response: 547010
Conc: 4.62 ug/ml



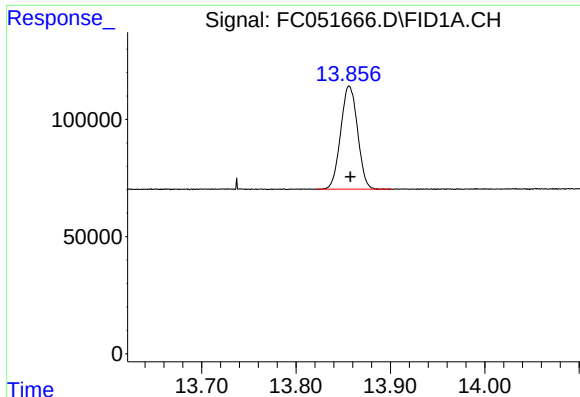
#11 n-Heneicosane (C21)

R.T.: 13.270 min
Delta R.T.: -0.001 min
Response: 552261
Conc: 4.72 ug/ml



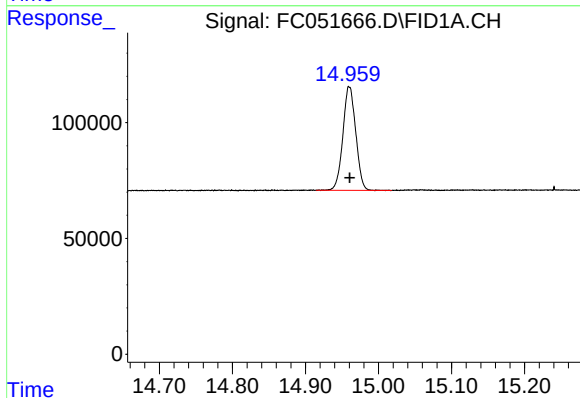
#12 1-chlorooctadecane (SURR)

R.T.: 13.102 min
Delta R.T.: 0.000 min
Response: 468343
Conc: 4.67 ug/ml



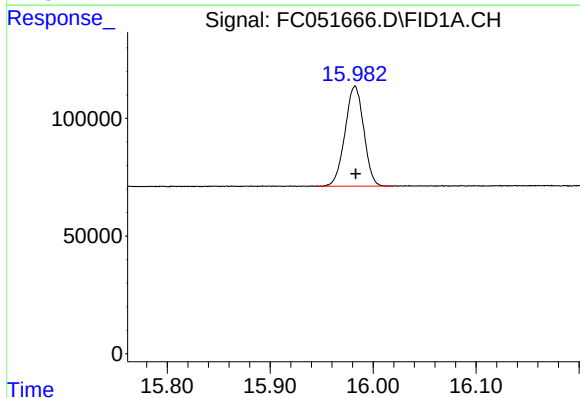
#13 n-Docosane (C22)

R.T.: 13.857 min
Delta R.T.: 0.000 min
Response: 547484
Conc: 4.69 ug/ml



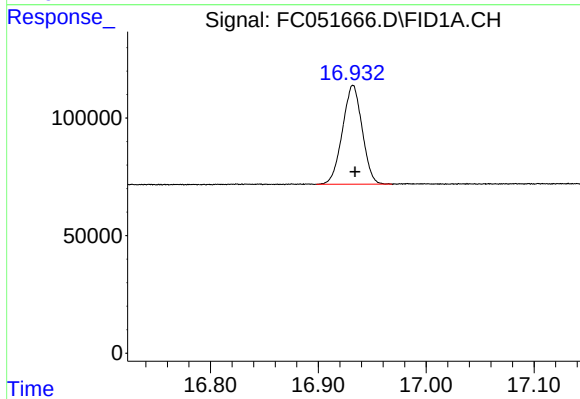
#14 n-Tetracosane (C24)

R.T.: 14.960 min
Delta R.T.: 0.000 min
Response: 549256
Conc: 4.72 ug/ml



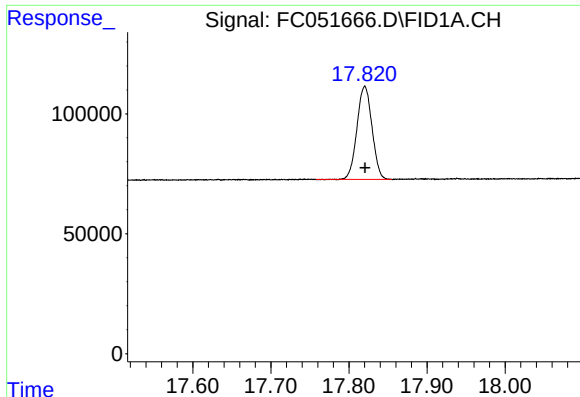
#15 n-Hexacosane (C26)

R.T.: 15.982 min
Delta R.T.: 0.000 min
Response: 536339
Conc: 4.71 ug/ml



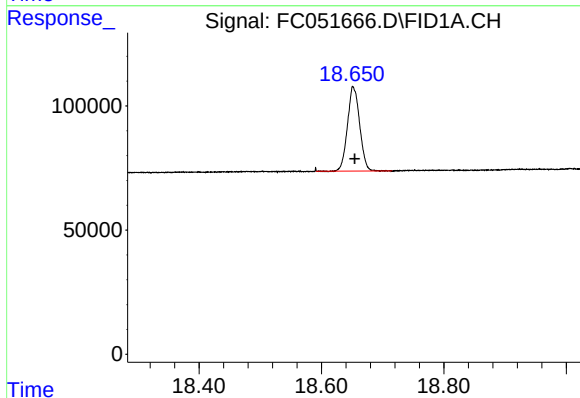
#16 n-Octacosane (C28)

R.T.: 16.932 min
Delta R.T.: -0.002 min
Response: 533911
Conc: 4.78 ug/ml



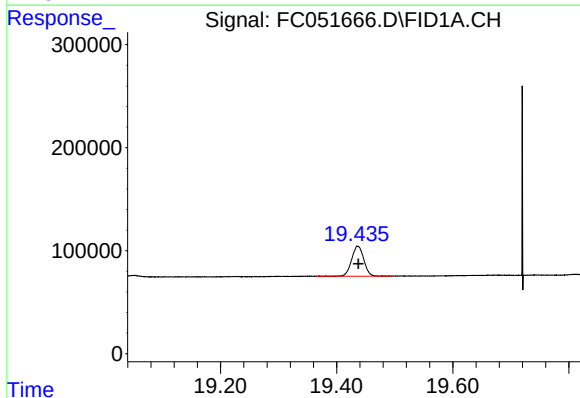
#17 n-Tricontane (C30)

R.T.: 17.820 min
Delta R.T.: 0.000 min
Response: 519194
Conc: 4.88 ug/ml



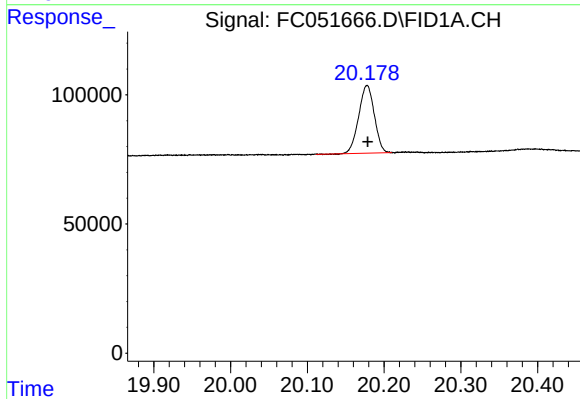
#18 n-Dotriacontane (C32)

R.T.: 18.652 min
Delta R.T.: -0.002 min
Response: 471879
Conc: 4.95 ug/ml



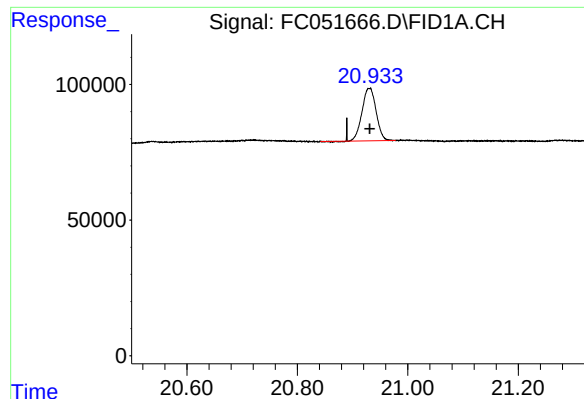
#19 n-Tetratriacontane (C34)

R.T.: 19.437 min
Delta R.T.: 0.000 min
Response: 421535
Conc: 4.89 ug/ml



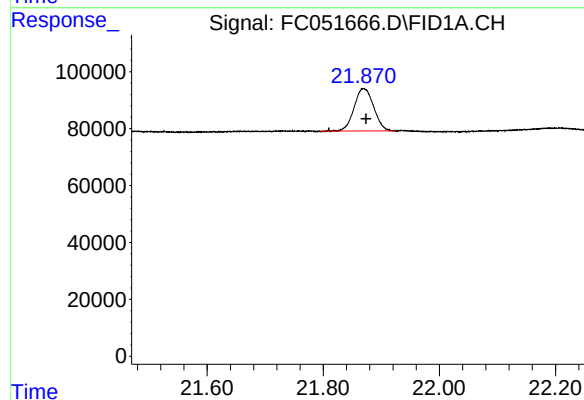
#20 n-Hexatriacontane (C36)

R.T.: 20.178 min
Delta R.T.: 0.000 min
Response: 372057
Conc: 4.77 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.930 min
Delta R.T.: 0.000 min
Response: 347440
Conc: 4.71 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.870 min
Delta R.T.: -0.004 min
Response: 348732
Conc: 4.56 ug/ml