

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC011321AL\
 Data File : FC051742.D
 Signal(s) : FID1A.CH
 Acq On : 13 Jan 2021 23:17
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Jan 13 23:58:33 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 011121.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 12 00:58:51 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)	11.680	2435612	19.551 ug/ml
Spiked Amount 50.000		Recovery =	39.10%
12) S 1-chlorooctadecane (S...	13.115	1901038	19.190 ug/ml
Spiked Amount 50.000		Recovery =	38.38%
Target Compounds			
1) T n-Nonane (C9)	3.412	2292546	20.535 ug/ml
2) T n-Decane (C10)	4.485	2314433	20.638 ug/ml
3) T A~Naphthalene (C11.7)	6.080	2618936	20.846 ug/ml
4) T n-Dodecane (C12)	6.510	2342749	20.771 ug/ml
5) T A~2-methylnaphthalene...	7.139	2657526	20.797 ug/ml
6) T n-Tetradecane (C14)	8.309	2329693	20.815 ug/ml
7) T n-Hexadecane (C16)	9.913	2268908	20.540 ug/ml
8) T n-Octadecane (C18)	11.357	2315137	20.171 ug/ml
10) T n-Eicosane (C20)	12.670	2265919	19.554 ug/ml
11) T n-Heneicosane (C21)	13.282	2228026	19.238 ug/ml
13) T n-Docosane (C22)	13.869	2187939	18.976 ug/ml
14) T n-Tetracosane (C24)	14.974	2106979	18.329 ug/ml
15) T n-Hexacosane (C26)	15.996	2005291	17.815 ug/ml
16) T n-Octacosane (C28)	16.946	1939654	17.539 ug/ml
17) T n-Tricontane (C30)	17.834	1872418	17.714 ug/ml
18) T n-Dotriacontane (C32)	18.668	1739842	18.322 ug/ml
19) T n-Tetratriacontane (C34)	19.452	1644560	19.188 ug/ml
20) T n-Hexatriacontane (C36)	20.192	1577380	20.393 ug/mlm
21) T n-Octatriacontane (C38)	20.950	1532598	20.998 ug/mlm
22) T n-Tetracontane (C40)	21.899	1589606	21.336 ug/ml

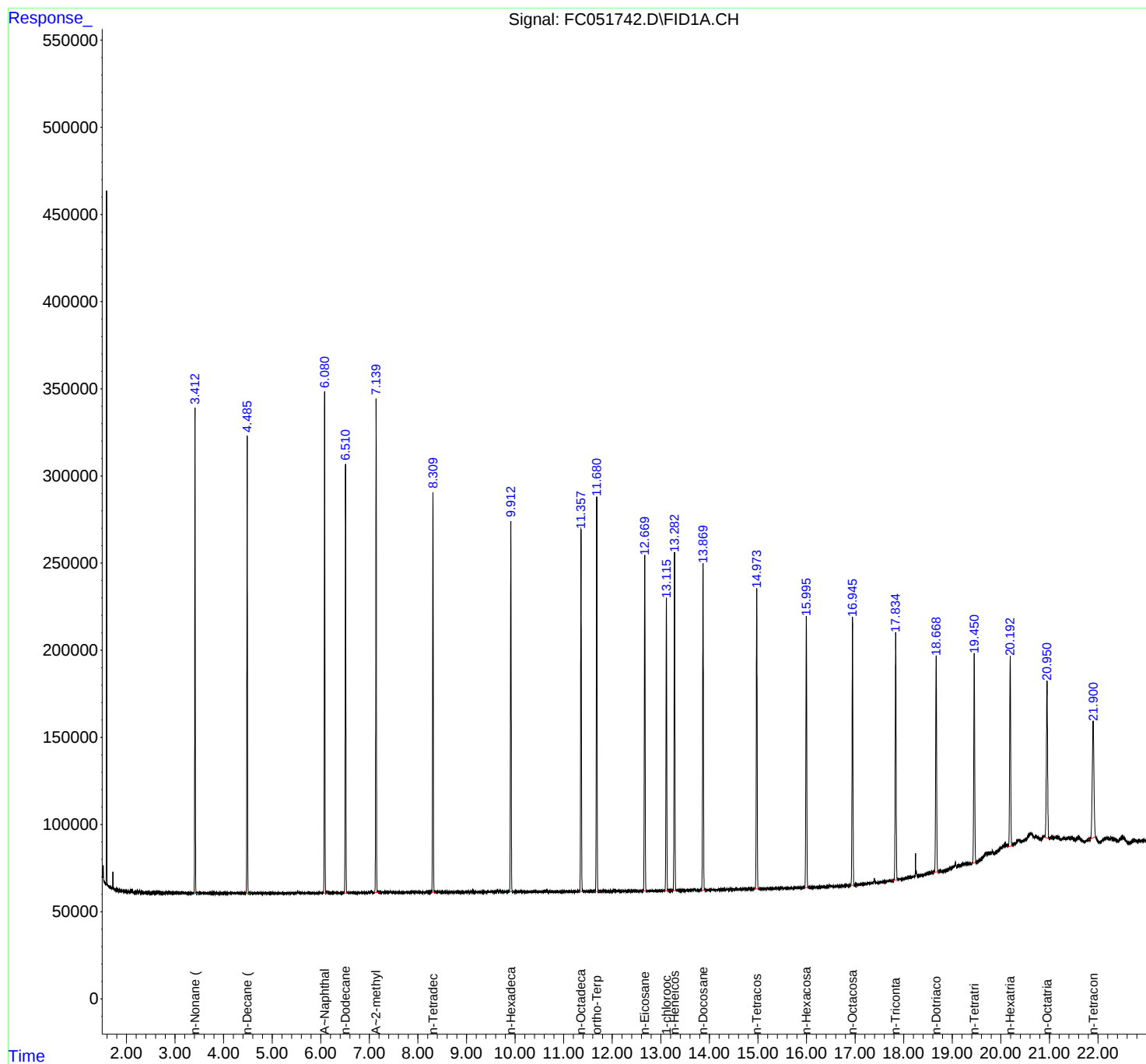
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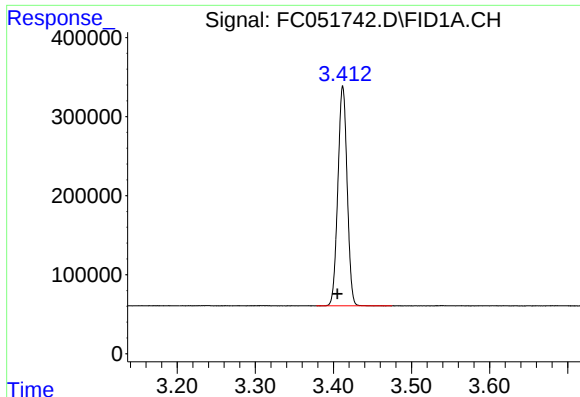
(m)=manual int.

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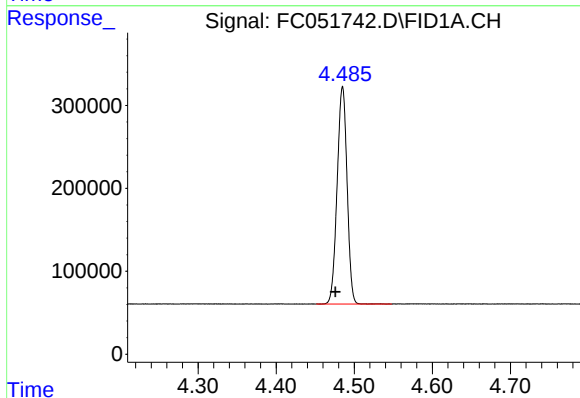
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Signal Info : 20M x 0.18mm x 0.18um





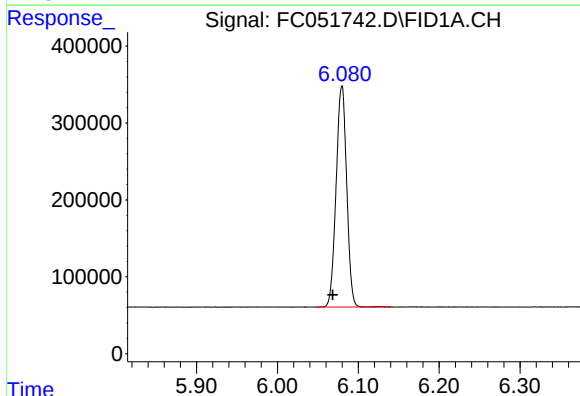
#1 n-Nonane (C9)

R.T.: 3.412 min
Delta R.T.: 0.007 min
Response: 2292546
Conc: 20.54 ug/ml



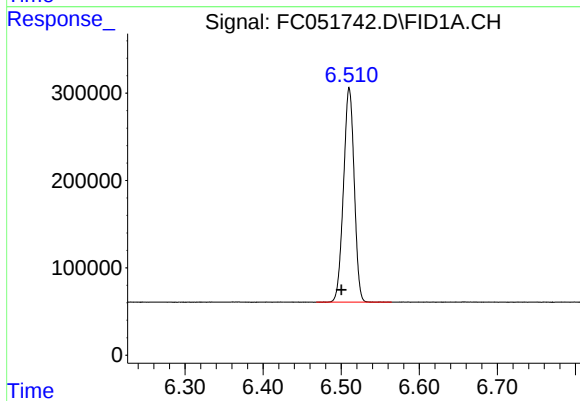
#2 n-Decane (C10)

R.T.: 4.485 min
Delta R.T.: 0.009 min
Response: 2314433
Conc: 20.64 ug/ml



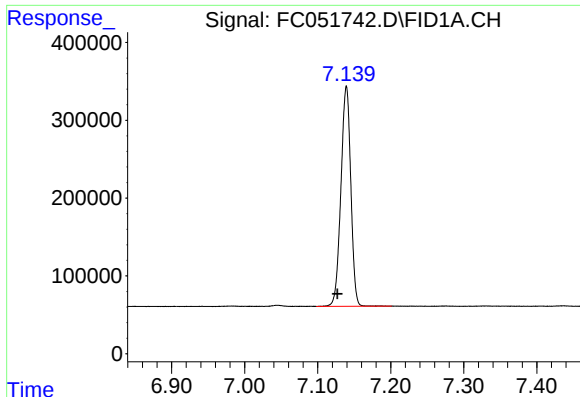
#3 A~Naphthalene (C11.7)

R.T.: 6.080 min
Delta R.T.: 0.011 min
Response: 2618936
Conc: 20.85 ug/ml



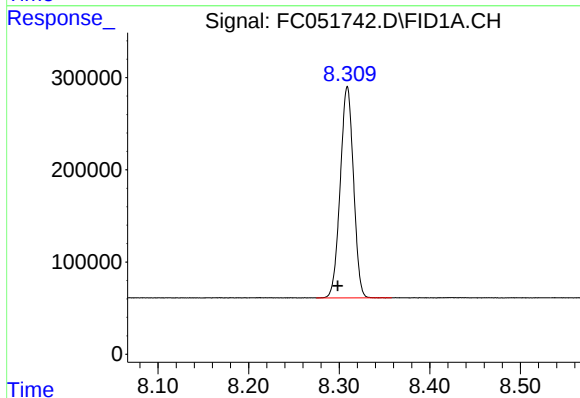
#4 n-Dodecane (C12)

R.T.: 6.510 min
Delta R.T.: 0.010 min
Response: 2342749
Conc: 20.77 ug/ml



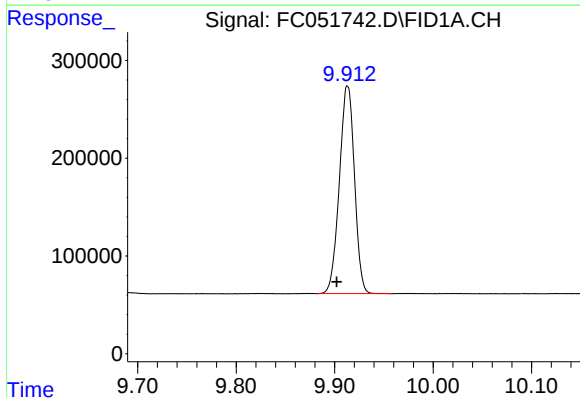
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.139 min
Delta R.T.: 0.012 min
Response: 2657526
Conc: 20.80 ug/ml



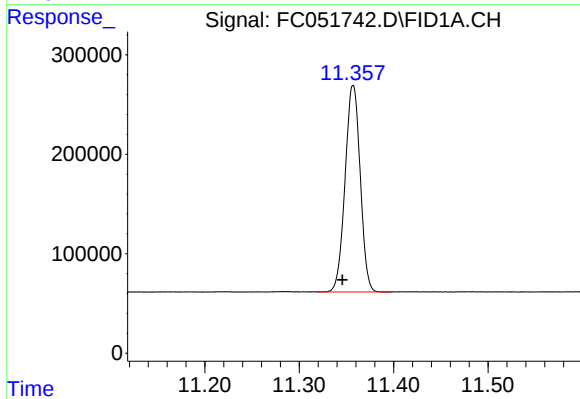
#6 n-Tetradecane (C14)

R.T.: 8.309 min
Delta R.T.: 0.010 min
Response: 2329693
Conc: 20.82 ug/ml



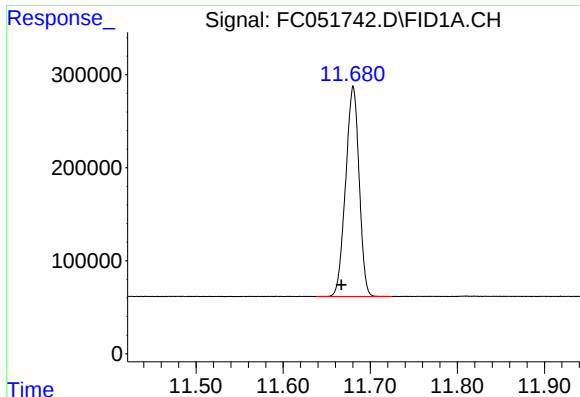
#7 n-Hexadecane (C16)

R.T.: 9.913 min
Delta R.T.: 0.011 min
Response: 2268908
Conc: 20.54 ug/ml



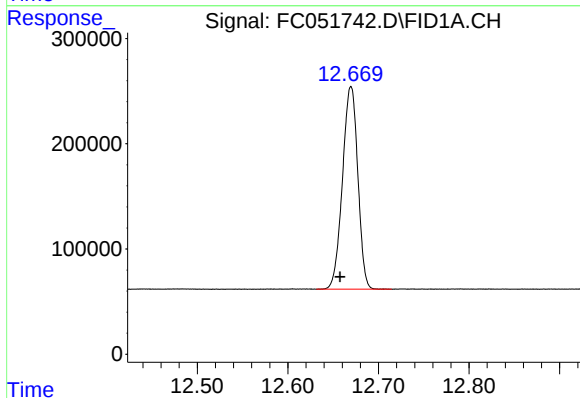
#8 n-Octadecane (C18)

R.T.: 11.357 min
Delta R.T.: 0.011 min
Response: 2315137
Conc: 20.17 ug/ml



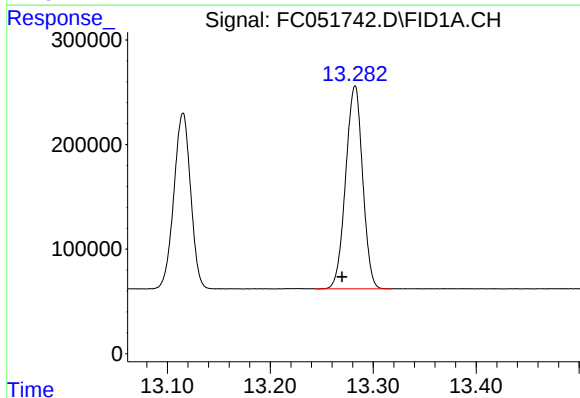
#9 ortho-Terphenyl (SURR)

R.T.: 11.680 min
Delta R.T.: 0.013 min
Response: 2435612
Conc: 19.55 ug/ml



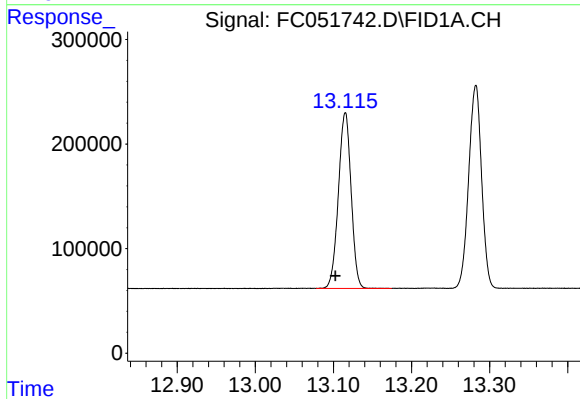
#10 n-Eicosane (C20)

R.T.: 12.670 min
Delta R.T.: 0.012 min
Response: 2265919
Conc: 19.55 ug/ml



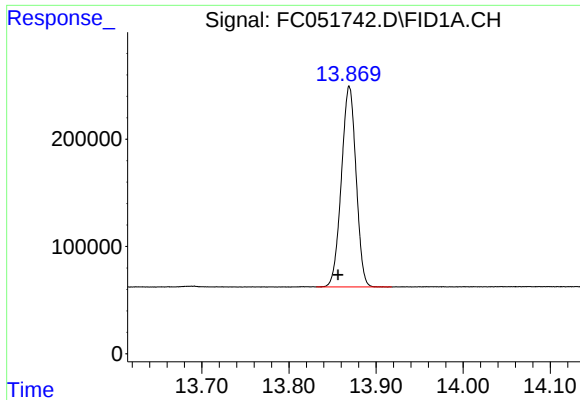
#11 n-Heneicosane (C21)

R.T.: 13.282 min
Delta R.T.: 0.012 min
Response: 2228026
Conc: 19.24 ug/ml



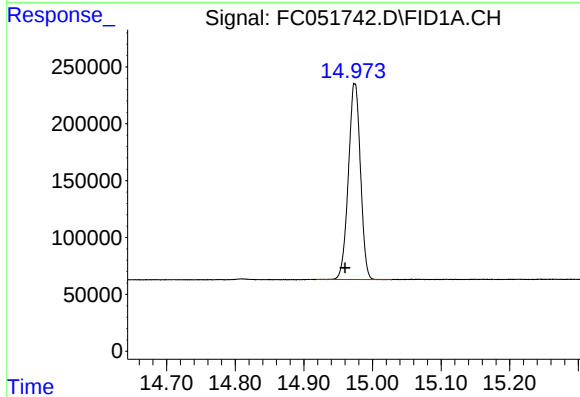
#12 1-chlorooctadecane (SURR)

R.T.: 13.115 min
Delta R.T.: 0.013 min
Response: 1901038
Conc: 19.19 ug/ml



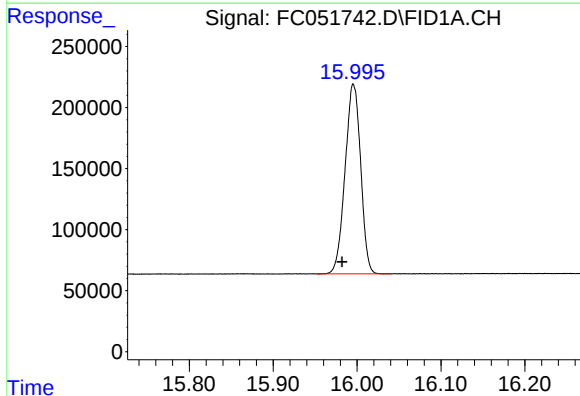
#13 n-Docosane (C22)

R.T.: 13.869 min
Delta R.T.: 0.013 min
Response: 2187939
Conc: 18.98 ug/ml



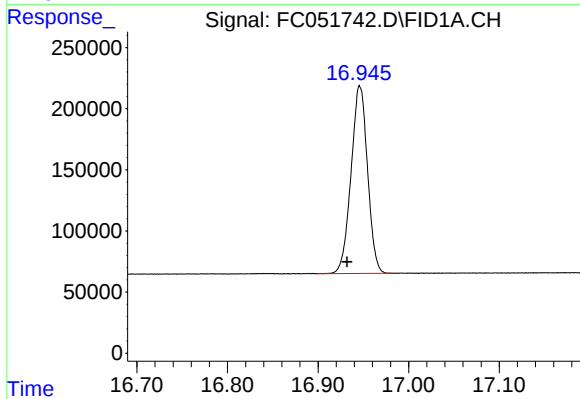
#14 n-Tetracosane (C24)

R.T.: 14.974 min
Delta R.T.: 0.014 min
Response: 2106979
Conc: 18.33 ug/ml



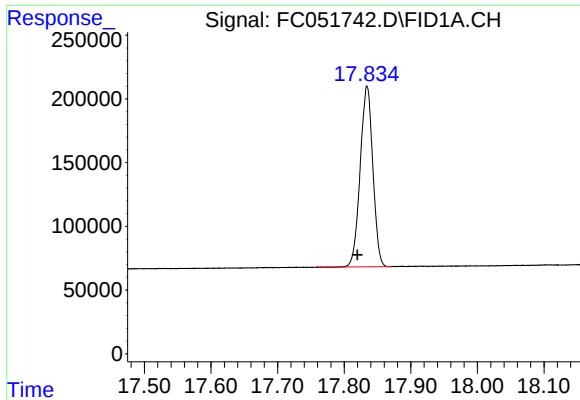
#15 n-Hexacosane (C26)

R.T.: 15.996 min
Delta R.T.: 0.014 min
Response: 2005291
Conc: 17.81 ug/ml



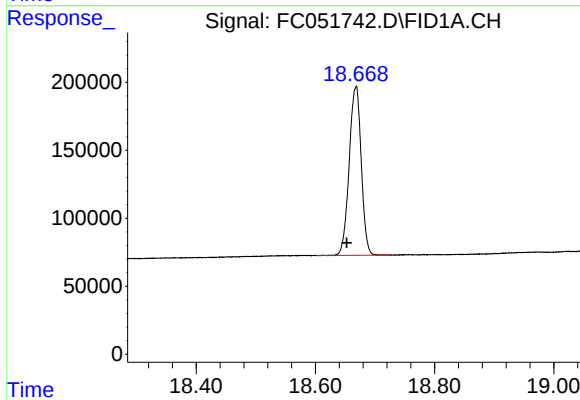
#16 n-Octacosane (C28)

R.T.: 16.946 min
Delta R.T.: 0.014 min
Response: 1939654
Conc: 17.54 ug/ml



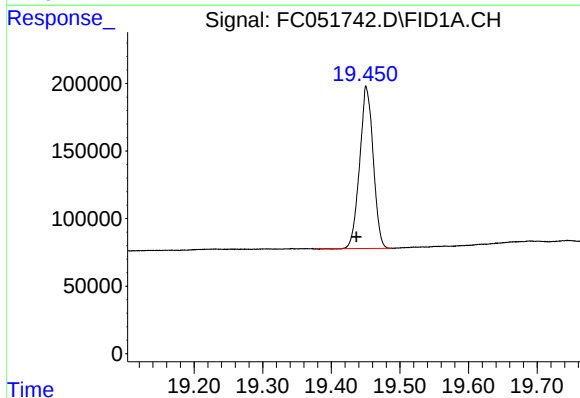
#17 n-Tricontane (C30)

R.T.: 17.834 min
Delta R.T.: 0.014 min
Response: 1872418
Conc: 17.71 ug/ml



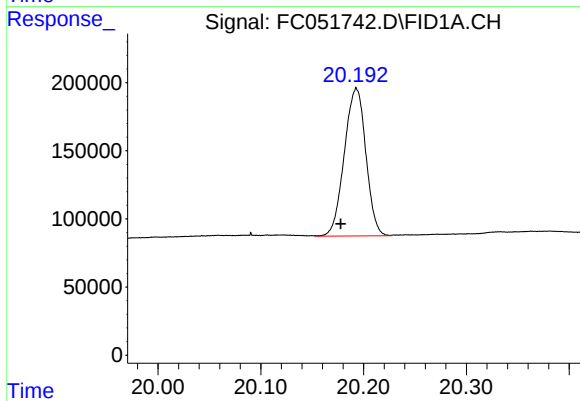
#18 n-Dotriacontane (C32)

R.T.: 18.668 min
Delta R.T.: 0.015 min
Response: 1739842
Conc: 18.32 ug/ml



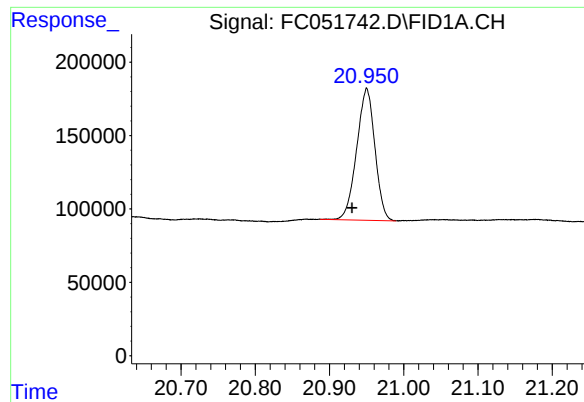
#19 n-Tetratriacontane (C34)

R.T.: 19.452 min
Delta R.T.: 0.015 min
Response: 1644560
Conc: 19.19 ug/ml



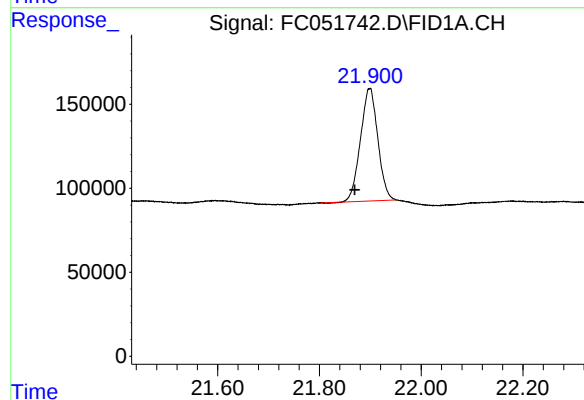
#20 n-Hexatriacontane (C36)

R.T.: 20.192 min
Delta R.T.: 0.015 min
Response: 1577380
Conc: 20.39 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.950 min
Delta R.T.: 0.019 min
Response: 1532598
Conc: 21.00 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.899 min
Delta R.T.: 0.029 min
Response: 1589606
Conc: 21.34 ug/ml