

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC101220AL\
 Data File : FC050017.D
 Signal(s) : FID1A.CH
 Acq On : 12 Oct 2020 10:30
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Oct 12 15:35:47 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 100620.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 07 04:53:04 2020
 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)	11.648	2153437	19.211 ug/ml
Spiked Amount 50.000		Recovery =	38.42%
12) S 1-chlorooctadecane (S...	13.081	1662117	19.188 ug/ml
Spiked Amount 50.000		Recovery =	38.38%
Target Compounds			
1) T n-Nonane (C9)	3.386	1997608	20.158 ug/ml
2) T n-Decane (C10)	4.459	2009288	20.182 ug/ml
3) T A~Naphthalene (C11.7)	6.056	2208345	20.036 ug/ml
4) T n-Dodecane (C12)	6.482	2033751	20.156 ug/ml
5) T A~2-methylnaphthalene...	7.115	2235934	20.088 ug/ml
6) T n-Tetradecane (C14)	8.280	2014296	20.107 ug/ml
7) T n-Hexadecane (C16)	9.882	1964917	19.937 ug/ml
8) T n-Octadecane (C18)	11.325	2033917	19.694 ug/ml
10) T n-Eicosane (C20)	12.636	2015372	19.368 ug/ml
11) T n-Heneicosane (C21)	13.248	1995932	19.207 ug/ml
13) T n-Docosane (C22)	13.834	1978995	19.065 ug/ml
14) T n-Tetracosane (C24)	14.936	1934155	18.621 ug/ml
15) T n-Hexacosane (C26)	15.956	1878150	18.226 ug/ml
16) T n-Octacosane (C28)	16.905	1833380	17.715 ug/ml
17) T n-Tricontane (C30)	17.792	1778014	17.423 ug/ml
18) T n-Dotriacontane (C32)	18.623	1662097	17.301 ug/ml
19) T n-Tetratriacontane (C34)	19.406	1608576	17.537 ug/ml
20) T n-Hexatriacontane (C36)	20.142	1588743	17.937 ug/mlm
21) T n-Octatriacontane (C38)	20.893	1631434	19.785 ug/ml
22) T n-Tetracontane (C40)	21.834	1530969	18.308 ug/ml

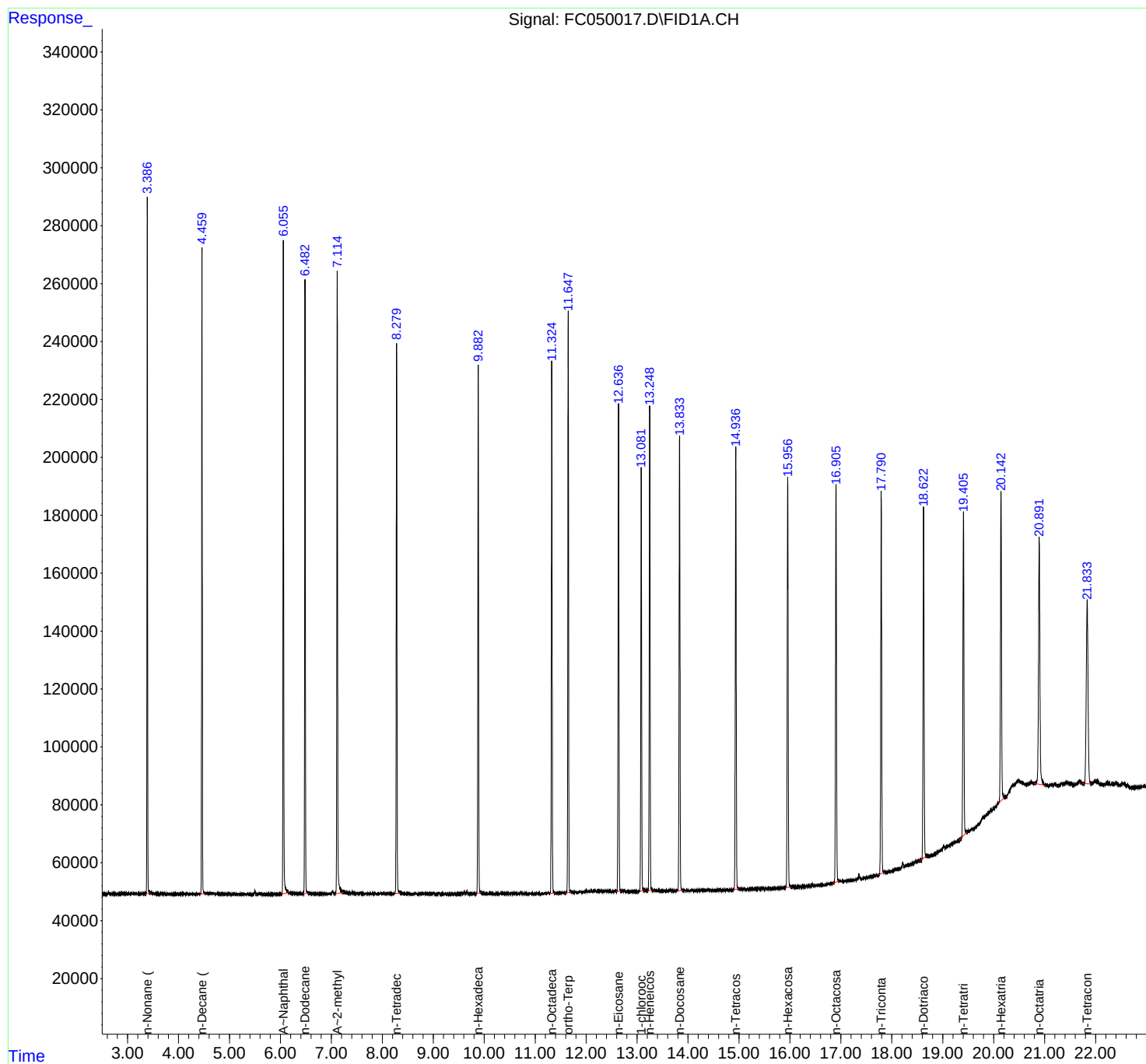
(f)=RT Delta > 1/2 Window

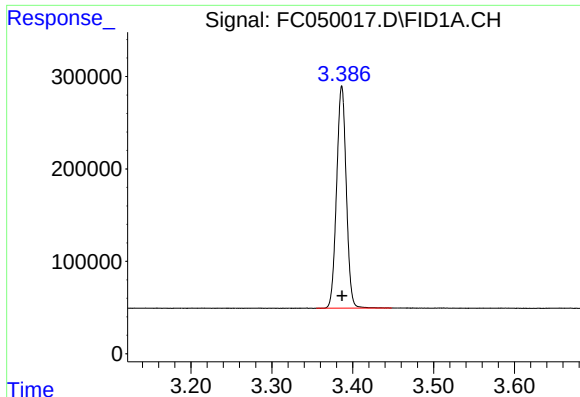
(m)=manual int.

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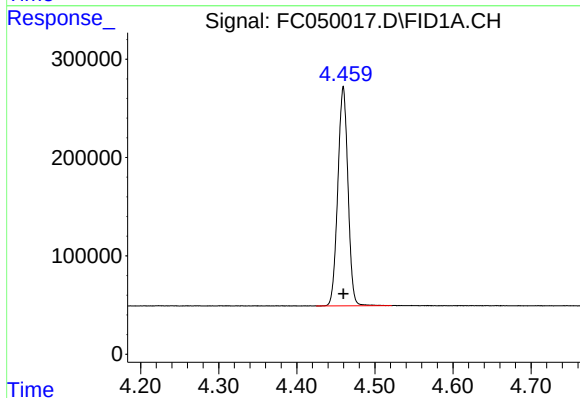
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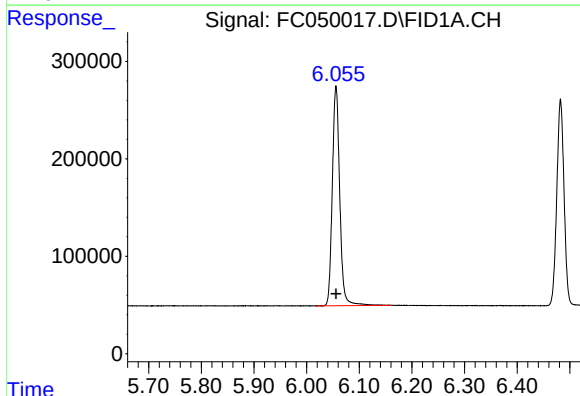
#1 n-Nonane (C9)

R.T.: 3.386 min
Delta R.T.: 0.000 min
Response: 1997608
Conc: 20.16 ug/ml



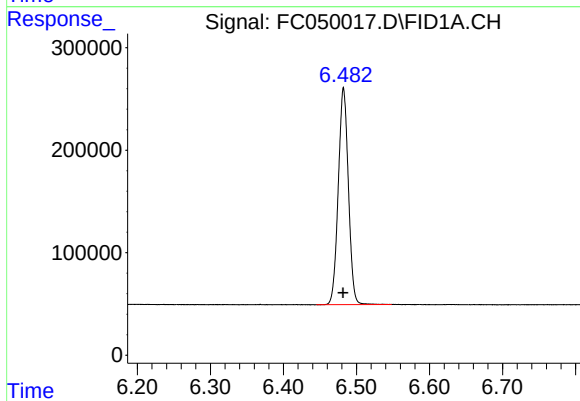
#2 n-Decane (C10)

R.T.: 4.459 min
Delta R.T.: 0.000 min
Response: 2009288
Conc: 20.18 ug/ml



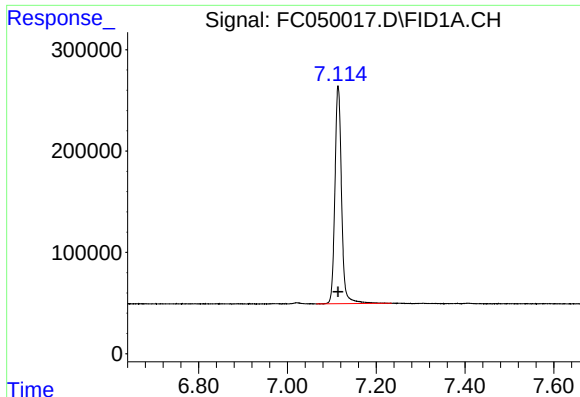
#3 A~Naphthalene (C11.7)

R.T.: 6.056 min
Delta R.T.: 0.000 min
Response: 2208345
Conc: 20.04 ug/ml



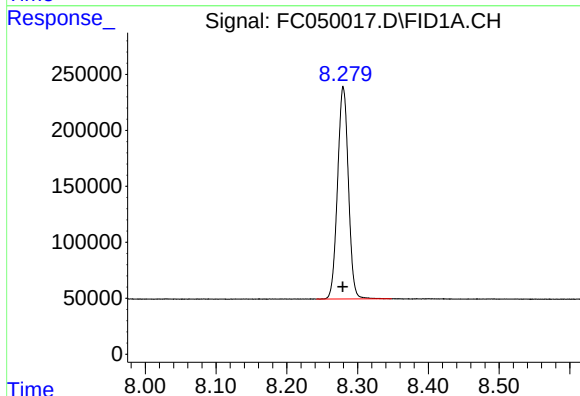
#4 n-Dodecane (C12)

R.T.: 6.482 min
Delta R.T.: 0.000 min
Response: 2033751
Conc: 20.16 ug/ml



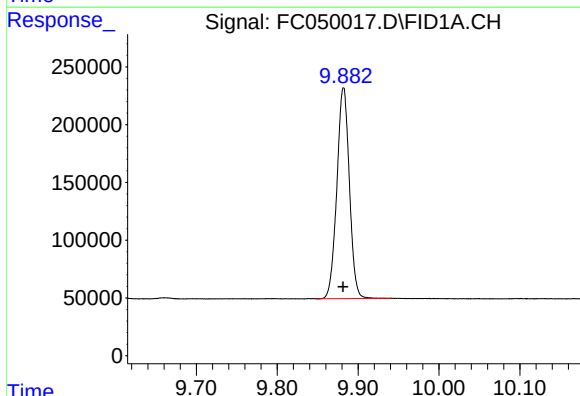
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.115 min
Delta R.T.: 0.000 min
Response: 2235934
Conc: 20.09 ug/ml



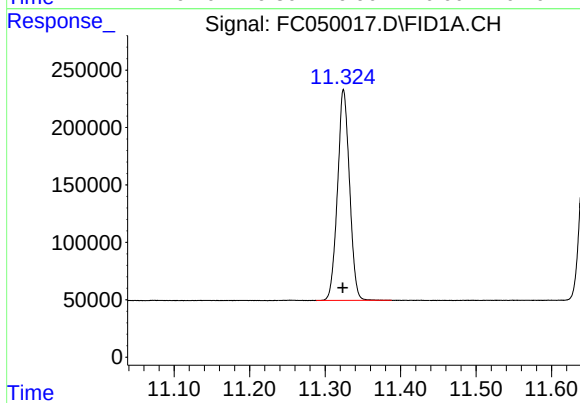
#6 n-Tetradecane (C14)

R.T.: 8.280 min
Delta R.T.: 0.000 min
Response: 2014296
Conc: 20.11 ug/ml



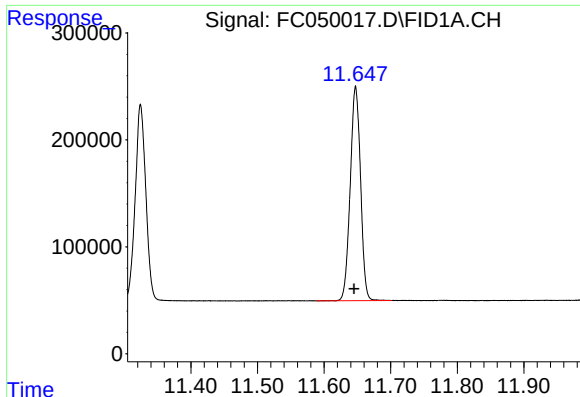
#7 n-Hexadecane (C16)

R.T.: 9.882 min
Delta R.T.: 0.000 min
Response: 1964917
Conc: 19.94 ug/ml



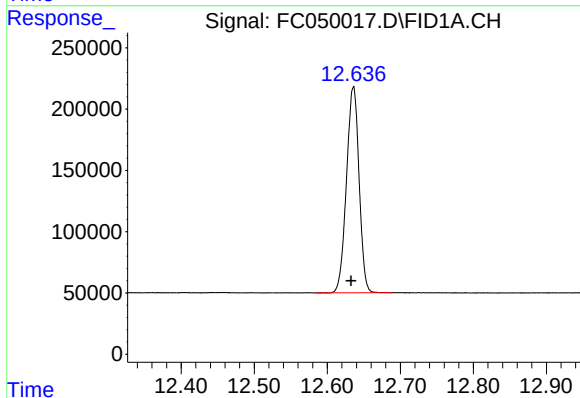
#8 n-Octadecane (C18)

R.T.: 11.325 min
Delta R.T.: 0.001 min
Response: 2033917
Conc: 19.69 ug/ml



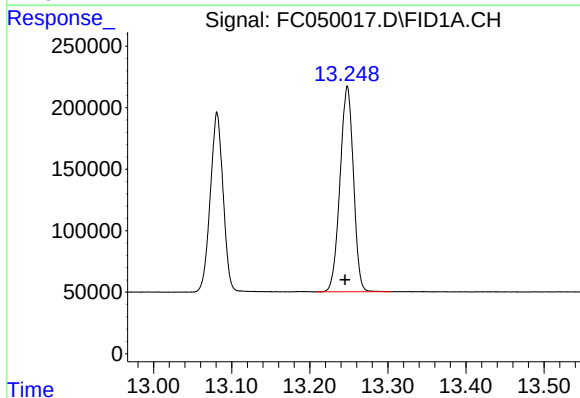
#9 ortho-Terphenyl (SURR)

R.T.: 11.648 min
Delta R.T.: 0.003 min
Response: 2153437
Conc: 19.21 ug/ml



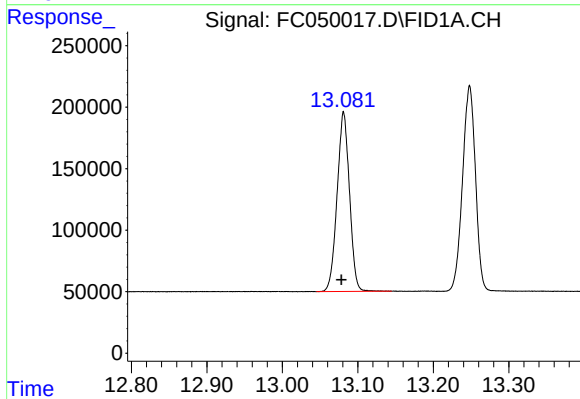
#10 n-Eicosane (C20)

R.T.: 12.636 min
Delta R.T.: 0.003 min
Response: 2015372
Conc: 19.37 ug/ml



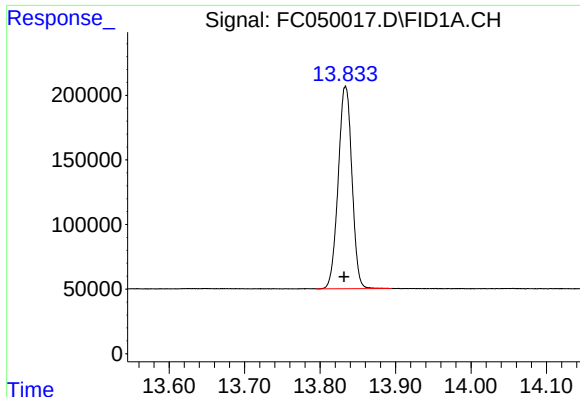
#11 n-Heneicosane (C21)

R.T.: 13.248 min
Delta R.T.: 0.003 min
Response: 1995932
Conc: 19.21 ug/ml



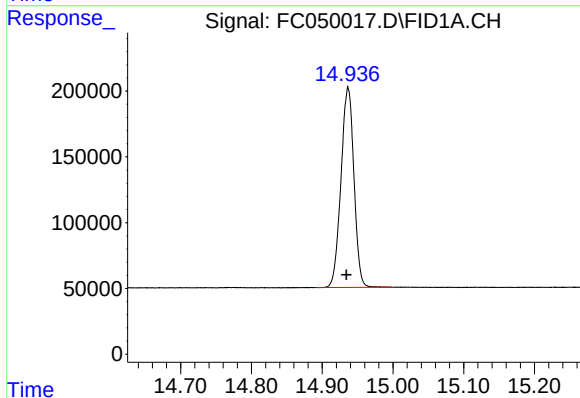
#12 1-chlorooctadecane (SURR)

R.T.: 13.081 min
Delta R.T.: 0.003 min
Response: 1662117
Conc: 19.19 ug/ml



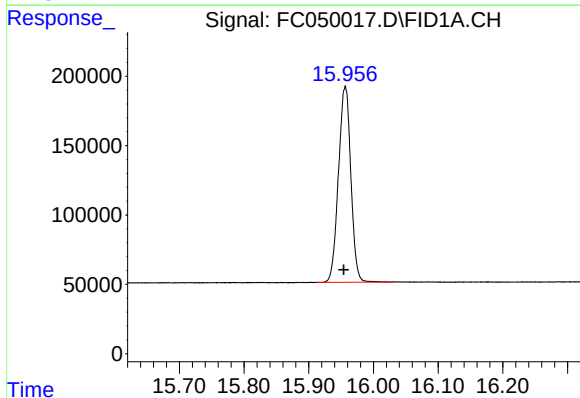
#13 n-Docosane (C22)

R.T.: 13.834 min
Delta R.T.: 0.002 min
Response: 1978995
Conc: 19.06 ug/ml



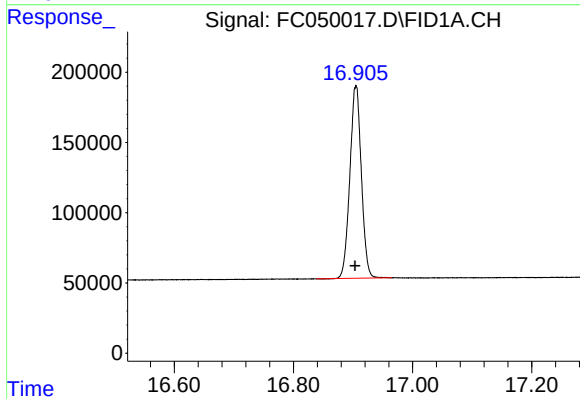
#14 n-Tetracosane (C24)

R.T.: 14.936 min
Delta R.T.: 0.002 min
Response: 1934155
Conc: 18.62 ug/ml



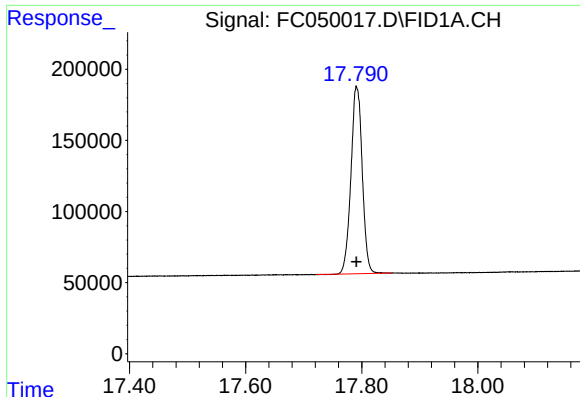
#15 n-Hexacosane (C26)

R.T.: 15.956 min
Delta R.T.: 0.002 min
Response: 1878150
Conc: 18.23 ug/ml



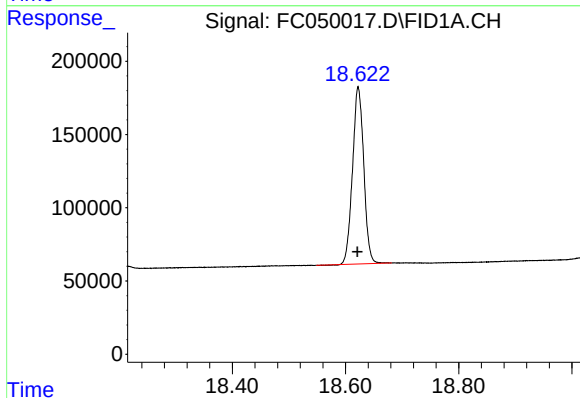
#16 n-Octacosane (C28)

R.T.: 16.905 min
Delta R.T.: 0.001 min
Response: 1833380
Conc: 17.71 ug/ml



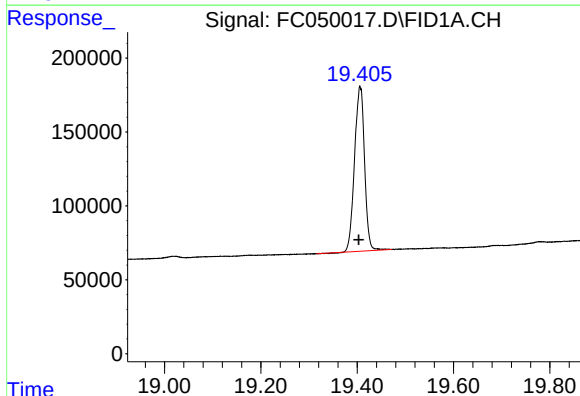
#17 n-Tricontane (C30)

R.T.: 17.792 min
Delta R.T.: 0.000 min
Response: 1778014
Conc: 17.42 ug/ml



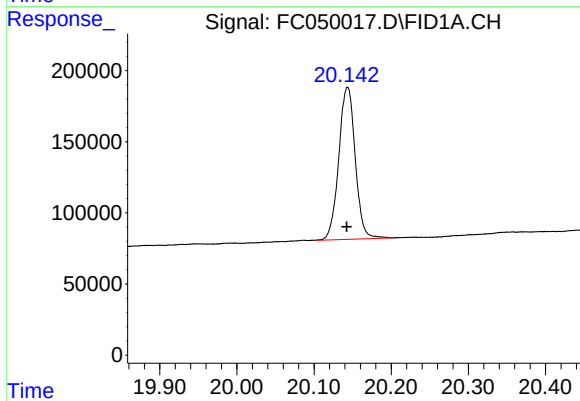
#18 n-Dotriacontane (C32)

R.T.: 18.623 min
Delta R.T.: 0.002 min
Response: 1662097
Conc: 17.30 ug/ml



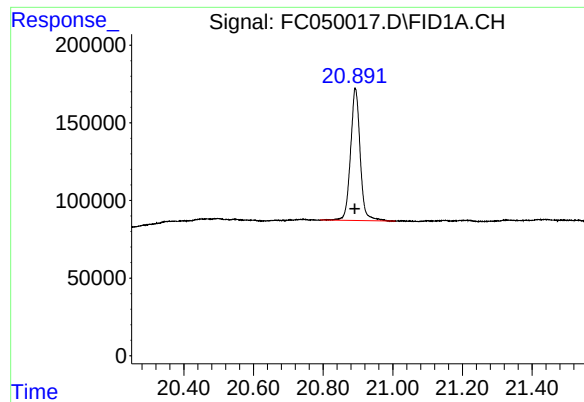
#19 n-Tetratriacontane (C34)

R.T.: 19.406 min
Delta R.T.: 0.003 min
Response: 1608576
Conc: 17.54 ug/ml



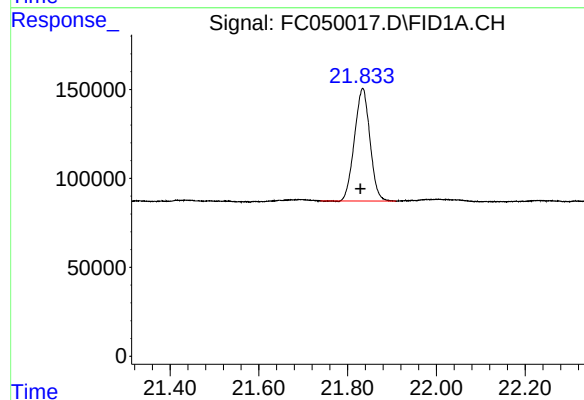
#20 n-Hexatriacontane (C36)

R.T.: 20.142 min
Delta R.T.: 0.000 min
Response: 1588743
Conc: 17.94 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.893 min
Delta R.T.: 0.002 min
Response: 1631434
Conc: 19.79 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.834 min
Delta R.T.: 0.005 min
Response: 1530969
Conc: 18.31 ug/ml