

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC120921AL\
 Data File : FC057354.D
 Signal(s) : FID1A.CH
 Acq On : 10 Dec 2021 11:27
 Operator : AJ\MA
 Sample : M4973-01
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 10 12:37:59 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 120921.M
 Quant Title : GC Extractables
 QLast Update : Thu Dec 09 22:19:01 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)	11.577	4034930	39.987 ug/ml
Spiked Amount 50.000		Recovery =	79.97%
12) S 1-chlorooctadecane (S...	12.946f	1166560	15.363 ug/ml
Spiked Amount 50.000		Recovery =	30.73%
Target Compounds			
3) T A~Naphthalene (C11.7)	5.997	426446	4.339 ug/ml
4) T n-Dodecane (C12)	6.424	2841455	29.742 ug/ml
5) T A~2-methylnaphthalene...	7.056	851706	8.705 ug/ml
6) T n-Tetradecane (C14)	8.220	6827316	71.073 ug/ml
7) T n-Hexadecane (C16)	9.819	6523323	67.301 ug/ml
8) T n-Octadecane (C18)	11.258	4667951	47.388 ug/ml
10) T n-Eicosane (C20)	12.565	3286261	34.147 ug/ml
11) T n-Heneicosane (C21)	13.150	187600774	1961.605 ug/ml
13) T n-Docosane (C22)	13.768	2264649	24.295 ug/ml
14) T n-Tetracosane (C24)	14.866	4996956	54.416 ug/ml
15) T n-Hexacosane (C26)	15.885	1048973	12.135 ug/ml
16) T n-Octacosane (C28)	16.828	610212	7.156 ug/ml
17) T n-Tricontane (C30)	17.718	1119577	13.393 ug/ml
18) T n-Dotriacontane (C32)	18.549	1397787	17.090 ug/ml
19) T n-Tetratriacontane (C34)	19.330	824279	10.044 ug/ml
20) T n-Hexatriacontane (C36)	20.070	330866	4.148 ug/ml
21) T n-Octatriacontane (C38)	20.802	2020777	26.613 ug/ml
22) T n-Tetracontane (C40)	21.702	80523	1.077 ug/ml

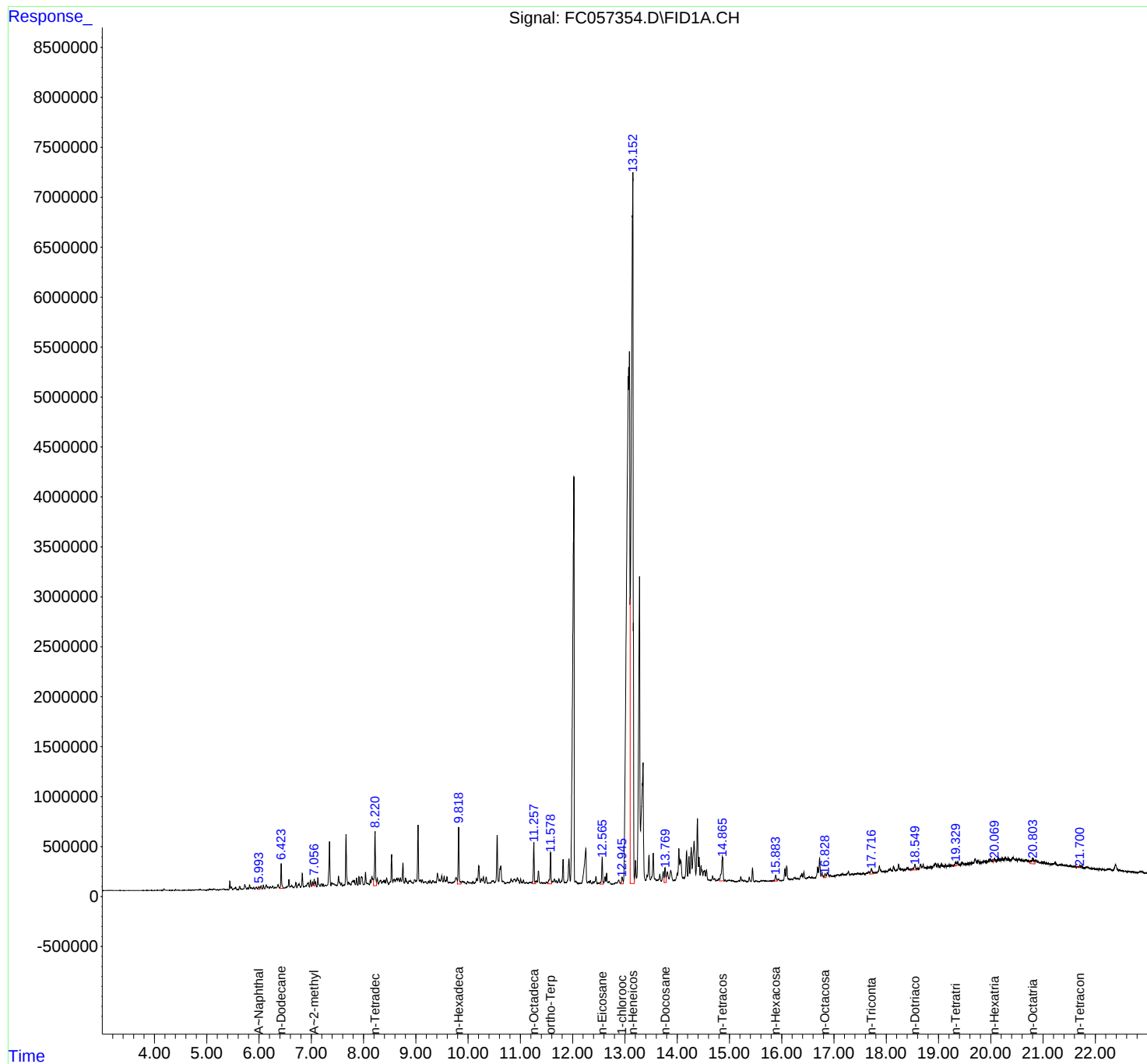
(f)=RT Delta > 1/2 Window

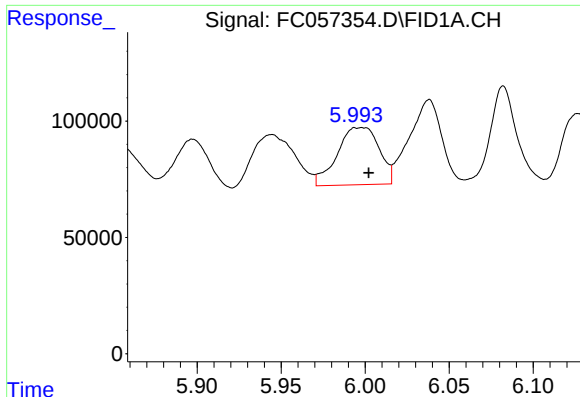
(m)=manual int.

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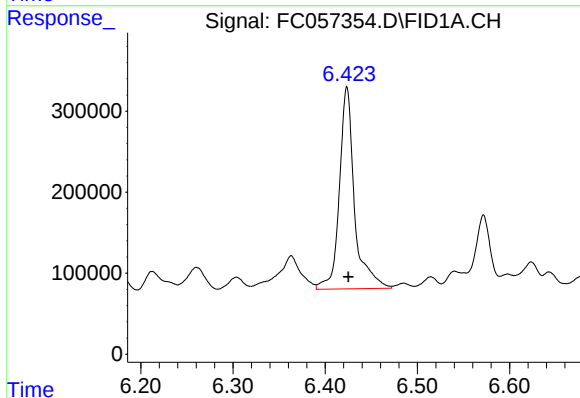
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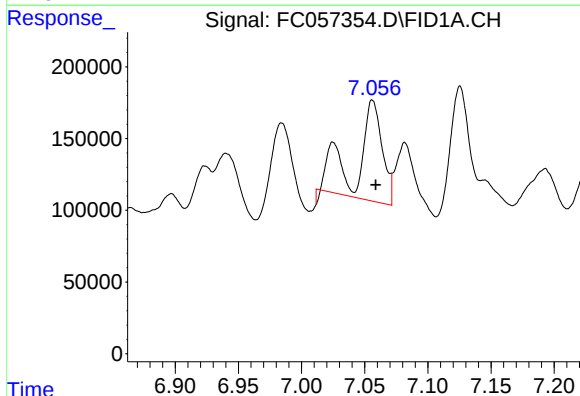
#3 A~Naphthalene (C11.7)

R.T.: 5.997 min
Delta R.T.: -0.005 min
Response: 426446
Conc: 4.34 ug/ml



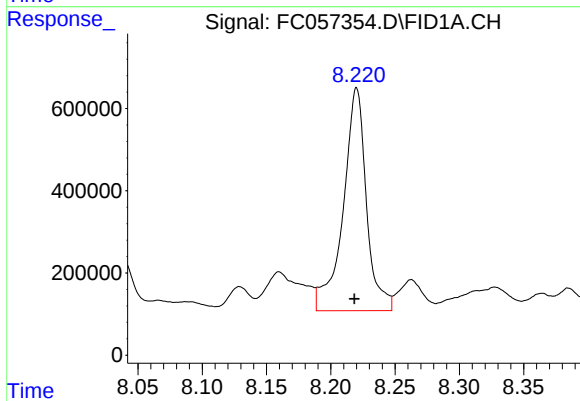
#4 n-Dodecane (C12)

R.T.: 6.424 min
Delta R.T.: -0.002 min
Response: 2841455
Conc: 29.74 ug/ml



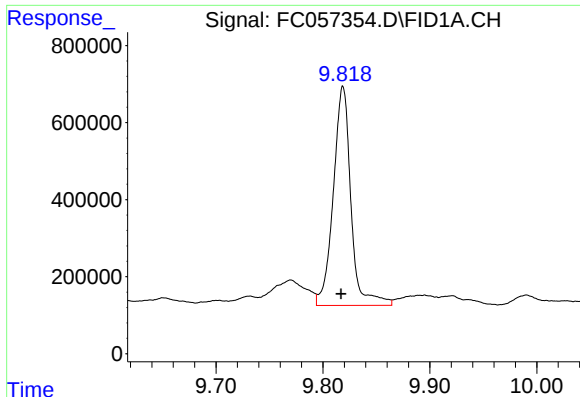
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.056 min
Delta R.T.: -0.002 min
Response: 851706
Conc: 8.70 ug/ml



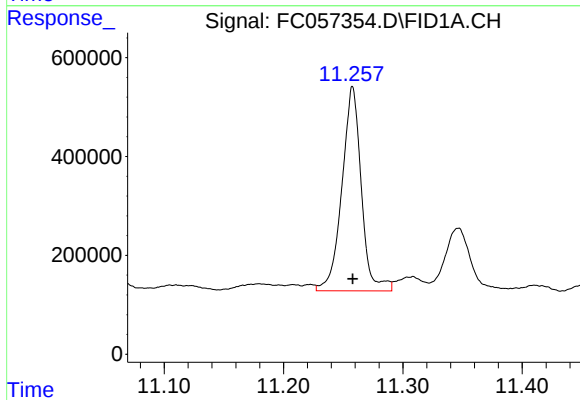
#6 n-Tetradecane (C14)

R.T.: 8.220 min
Delta R.T.: 0.002 min
Response: 6827316
Conc: 71.07 ug/ml



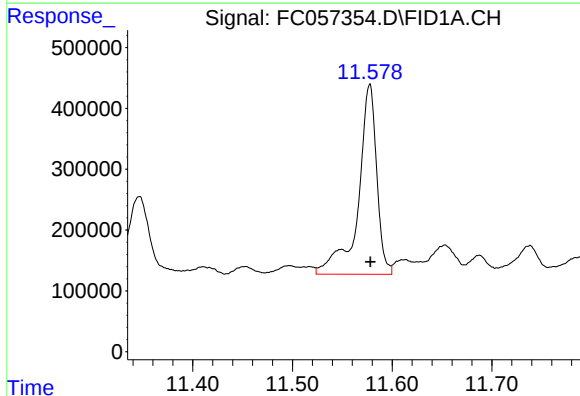
#7 n-Hexadecane (C16)

R.T.: 9.819 min
Delta R.T.: 0.002 min
Response: 6523323
Conc: 67.30 ug/ml



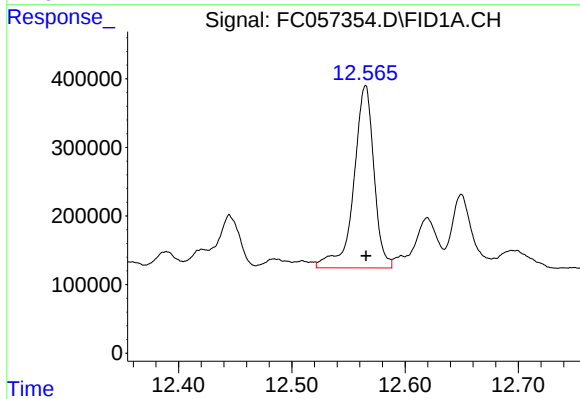
#8 n-Octadecane (C18)

R.T.: 11.258 min
Delta R.T.: 0.000 min
Response: 4667951
Conc: 47.39 ug/ml



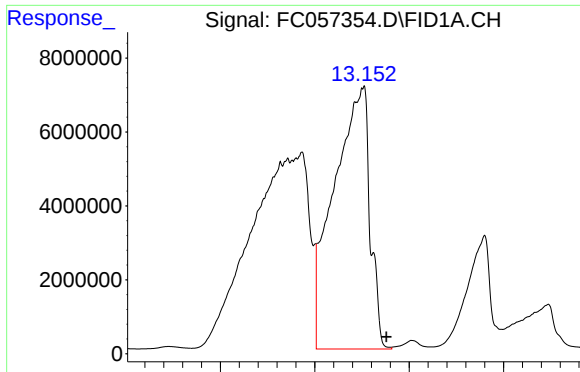
#9 ortho-Terphenyl (SURR)

R.T.: 11.577 min
Delta R.T.: 0.000 min
Response: 4034930
Conc: 39.99 ug/ml



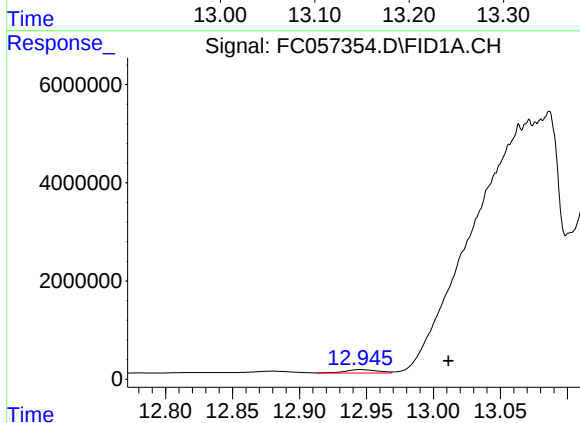
#10 n-Eicosane (C20)

R.T.: 12.565 min
Delta R.T.: 0.000 min
Response: 3286261
Conc: 34.15 ug/ml



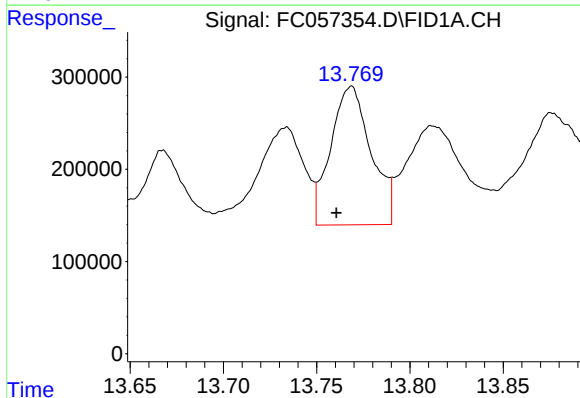
#11 n-Heneicosane (C21)

R.T.: 13.150 min
Delta R.T.: -0.026 min
Response: 187600774
Conc: 1961.61 ug/ml



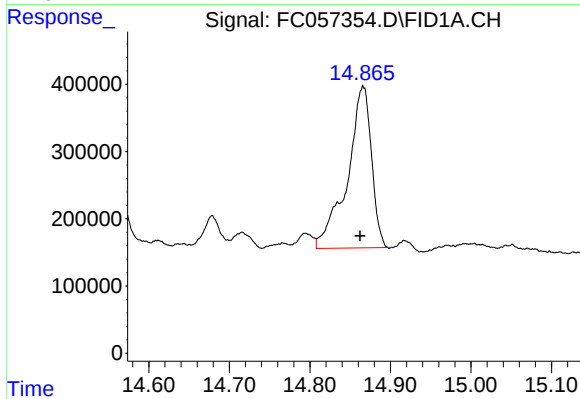
#12 1-chlorooctadecane (SURR)

R.T.: 12.946 min
Delta R.T.: -0.065 min
Response: 1166560
Conc: 15.36 ug/ml



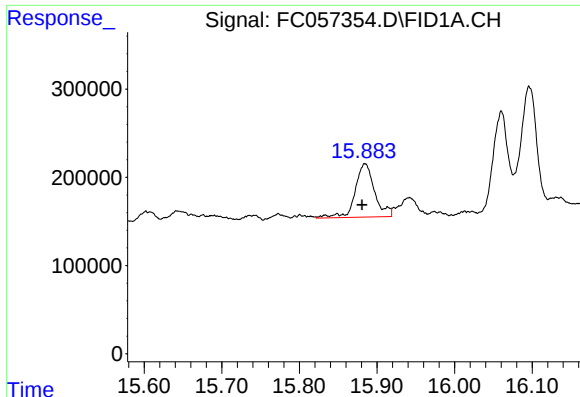
#13 n-Docosane (C22)

R.T.: 13.768 min
Delta R.T.: 0.008 min
Response: 2264649
Conc: 24.30 ug/ml



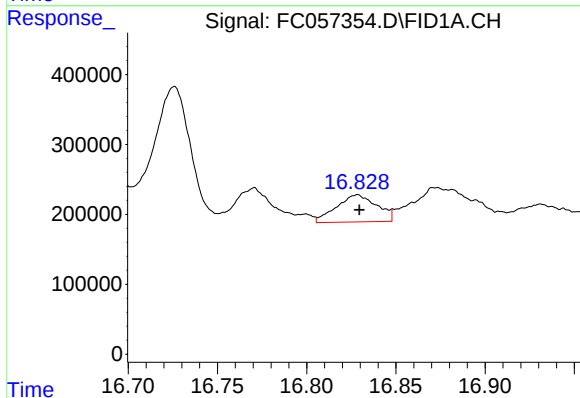
#14 n-Tetracosane (C24)

R.T.: 14.866 min
Delta R.T.: 0.003 min
Response: 4996956
Conc: 54.42 ug/ml



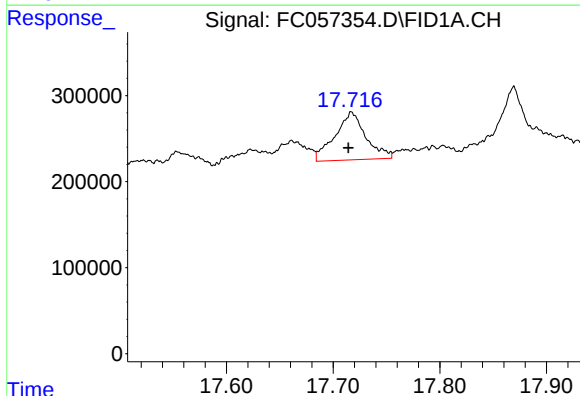
#15 n-Hexacosane (C26)

R.T.: 15.885 min
Delta R.T.: 0.004 min
Response: 1048973
Conc: 12.13 ug/ml



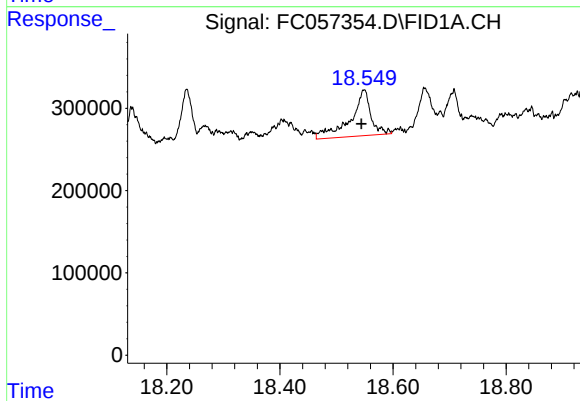
#16 n-Octacosane (C28)

R.T.: 16.828 min
Delta R.T.: -0.001 min
Response: 610212
Conc: 7.16 ug/ml



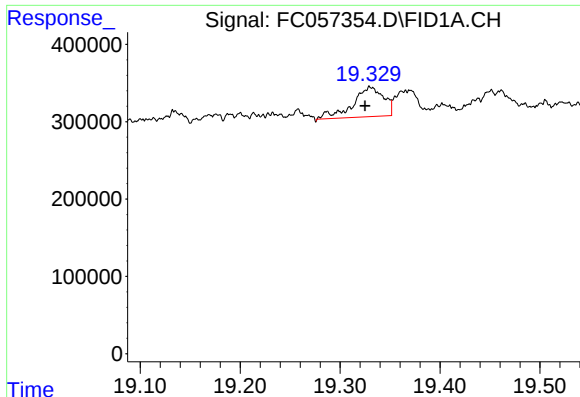
#17 n-Tricontane (C30)

R.T.: 17.718 min
Delta R.T.: 0.003 min
Response: 1119577
Conc: 13.39 ug/ml



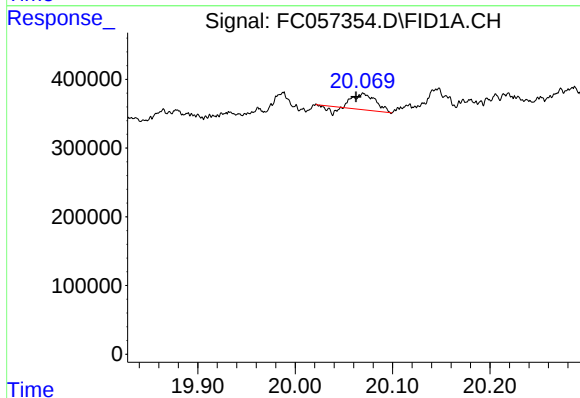
#18 n-Dotriacontane (C32)

R.T.: 18.549 min
Delta R.T.: 0.005 min
Response: 1397787
Conc: 17.09 ug/ml



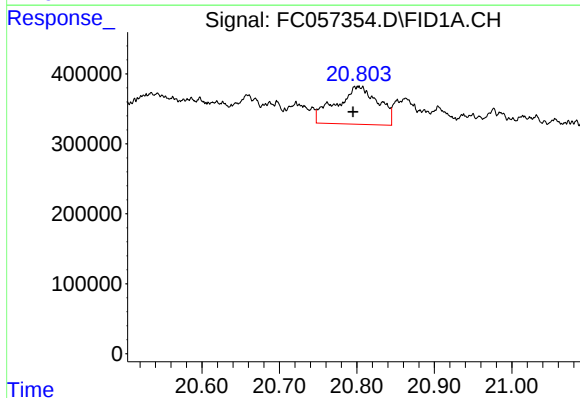
#19 n-Tetratriacontane (C34)

R.T.: 19.330 min
Delta R.T.: 0.006 min
Response: 824279
Conc: 10.04 ug/ml



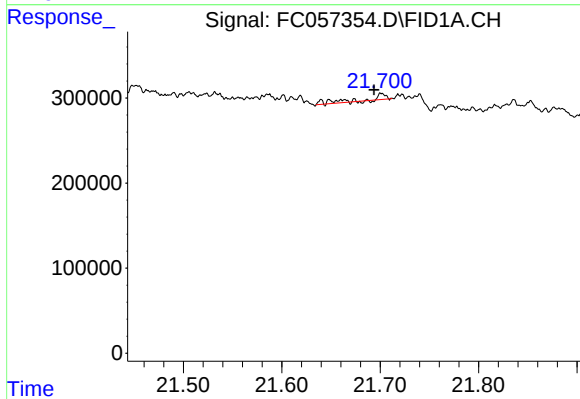
#20 n-Hexatriacontane (C36)

R.T.: 20.070 min
Delta R.T.: 0.008 min
Response: 330866
Conc: 4.15 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.802 min
Delta R.T.: 0.007 min
Response: 2020777
Conc: 26.61 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.702 min
Delta R.T.: 0.008 min
Response: 80523
Conc: 1.08 ug/ml