

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC122221AL\
 Data File : FC057678.D
 Signal(s) : FID1A.CH
 Acq On : 23 Dec 2021 8:28
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 23 08:49:09 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 122221.M
 Quant Title : GC Extractables
 QLast Update : Thu Dec 23 02:07:36 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)	10.812	2965669	19.440 ug/ml
Spiked Amount 50.000		Recovery =	38.88%
12) S 1-chlorooctadecane (S...	12.251	2331488	19.215 ug/ml
Spiked Amount 50.000		Recovery =	38.43%
Target Compounds			
1) T n-Nonane (C9)	2.674	2655734	19.955 ug/ml
2) T n-Decane (C10)	3.677	2825993	20.889 ug/ml
3) T A~Naphthalene (C11.7)	5.238	3184730	21.042 ug/ml
4) T n-Dodecane (C12)	5.665	2848588	20.942 ug/ml
5) T A~2-methylnaphthalene...	6.287	3209029	21.050 ug/ml
6) T n-Tetradecane (C14)	7.456	2868066	20.850 ug/ml
7) T n-Hexadecane (C16)	9.056	2874281	20.687 ug/ml
8) T n-Octadecane (C18)	10.499	2903747	20.235 ug/ml
10) T n-Eicosane (C20)	11.808	2805957	19.634 ug/ml
11) T n-Heneicosane (C21)	12.420	2900405	20.027 ug/ml
13) T n-Docosane (C22)	13.005	2829046	19.710 ug/ml
14) T n-Tetracosane (C24)	14.109	1533789	10.670 ug/ml
15) T n-Hexacosane (C26)	15.130	2443039	17.549 ug/ml
16) T n-Octacosane (C28)	16.080	2320245	17.041 ug/ml
17) T n-Tricontane (C30)	16.969	2305003	17.279 ug/ml
18) T n-Dotriacontane (C32)	17.801	3255003	24.822 ug/ml
19) T n-Tetratriacontane (C34)	18.587	2630580	21.012 ug/ml
20) T n-Hexatriacontane (C36)	19.328	2303072	19.668 ug/ml
21) T n-Octatriacontane (C38)	20.051	1446608	12.987 ug/ml
22) T n-Tetracontane (C40)	20.933	2544555	23.027 ug/ml

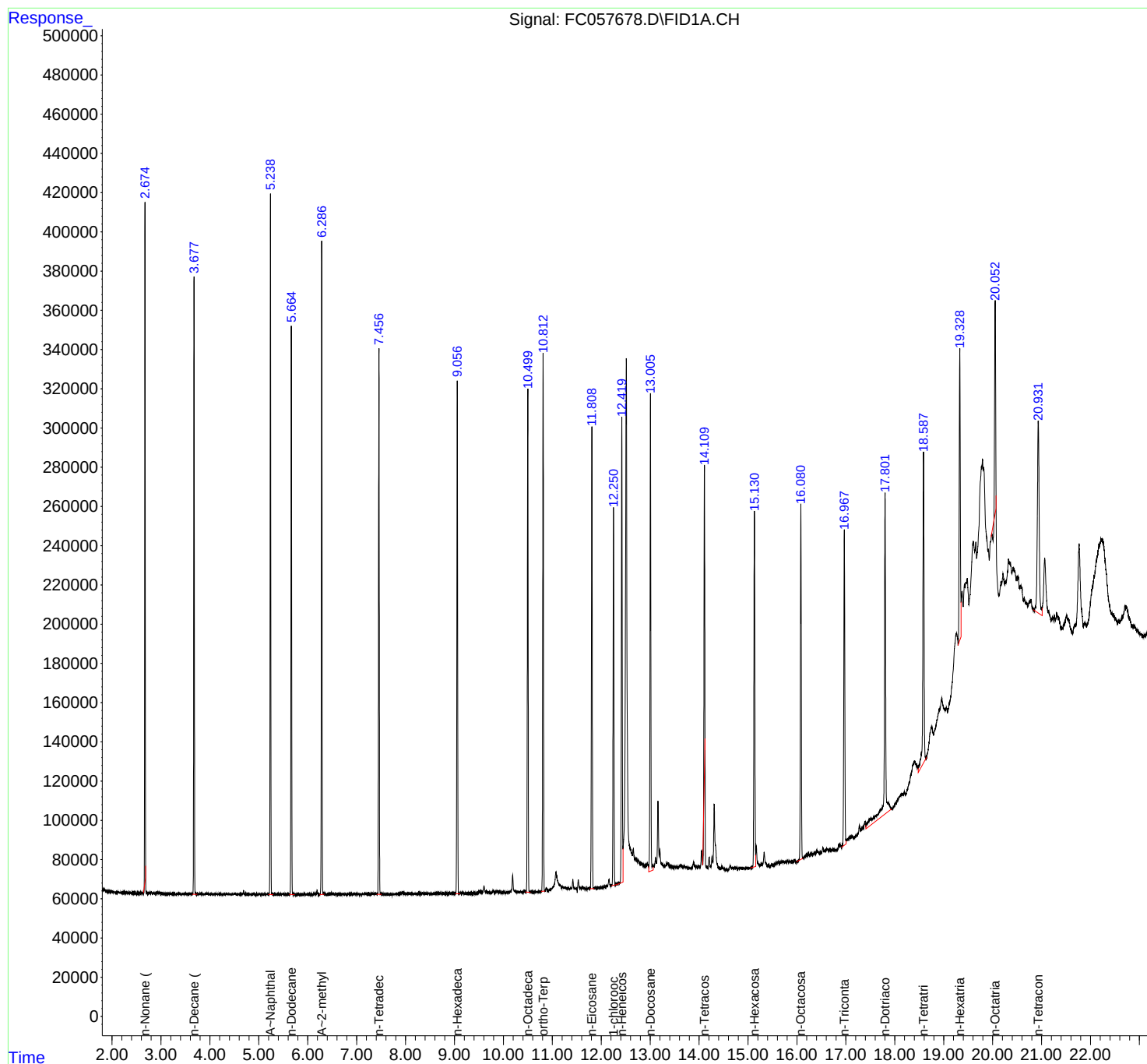
(f)=RT Delta > 1/2 Window

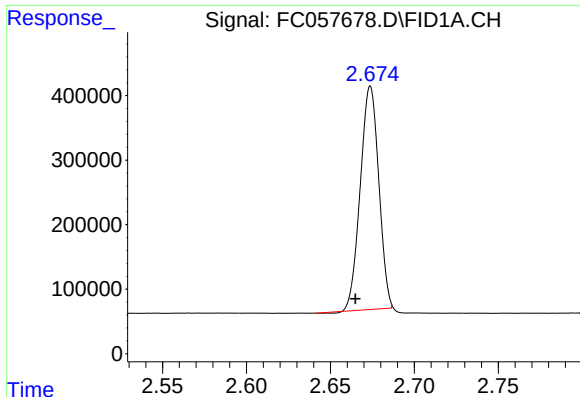
(m)=manual int.

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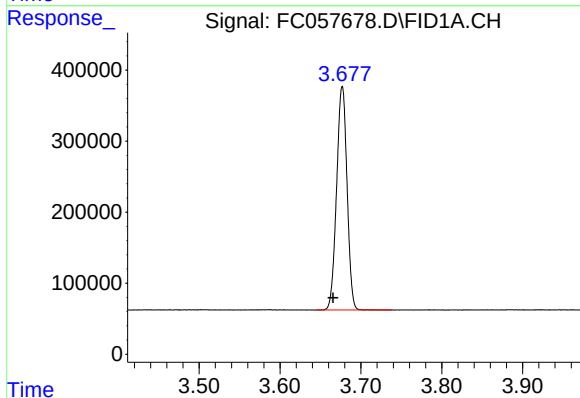
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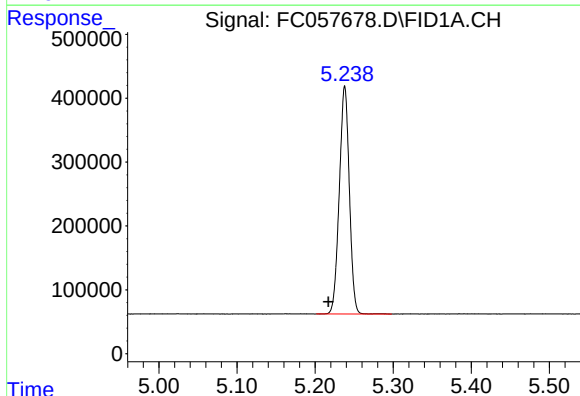
#1 n-Nonane (C9)

R.T.: 2.674 min
Delta R.T.: 0.009 min
Response: 2655734
Conc: 19.96 ug/ml



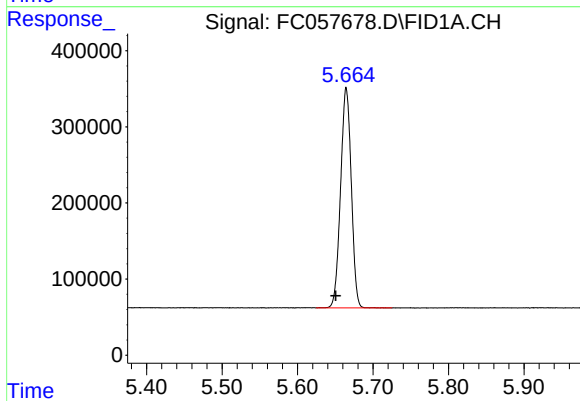
#2 n-Decane (C10)

R.T.: 3.677 min
Delta R.T.: 0.011 min
Response: 2825993
Conc: 20.89 ug/ml



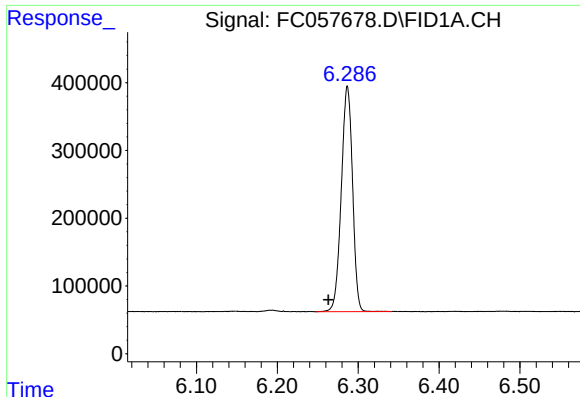
#3 A~Naphthalene (C11.7)

R.T.: 5.238 min
Delta R.T.: 0.021 min
Response: 3184730
Conc: 21.04 ug/ml



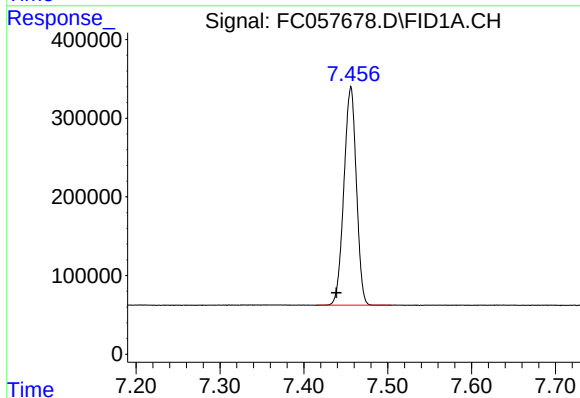
#4 n-Dodecane (C12)

R.T.: 5.665 min
Delta R.T.: 0.014 min
Response: 2848588
Conc: 20.94 ug/ml



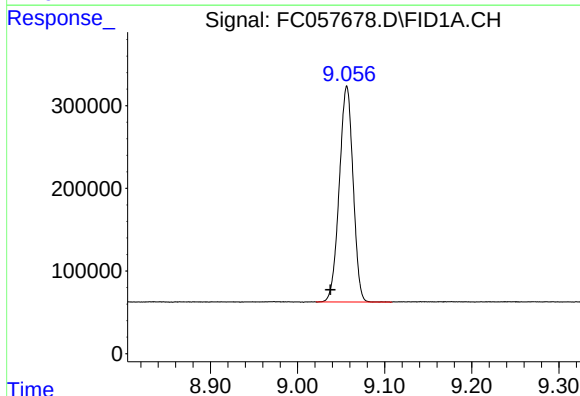
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.287 min
Delta R.T.: 0.024 min
Response: 3209029
Conc: 21.05 ug/ml



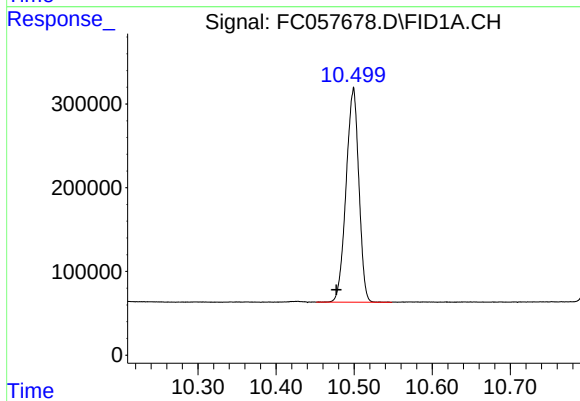
#6 n-Tetradecane (C14)

R.T.: 7.456 min
Delta R.T.: 0.017 min
Response: 2868066
Conc: 20.85 ug/ml



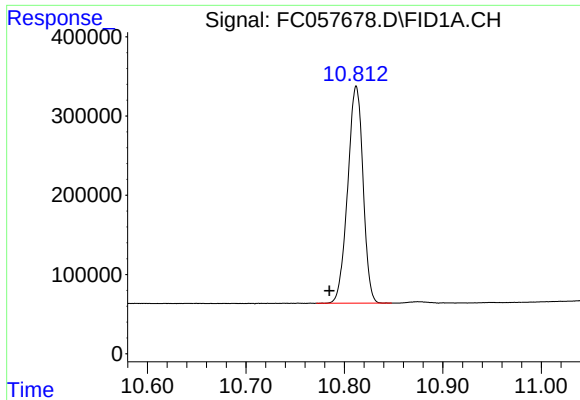
#7 n-Hexadecane (C16)

R.T.: 9.056 min
Delta R.T.: 0.019 min
Response: 2874281
Conc: 20.69 ug/ml



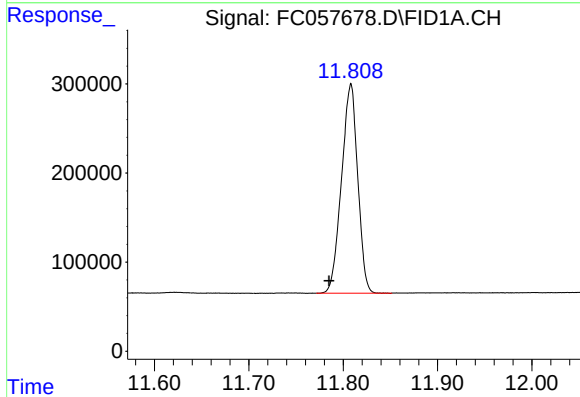
#8 n-Octadecane (C18)

R.T.: 10.499 min
Delta R.T.: 0.021 min
Response: 2903747
Conc: 20.23 ug/ml



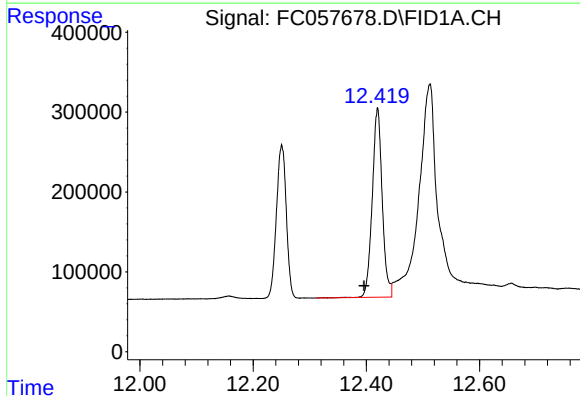
#9 ortho-Terphenyl (SURR)

R.T.: 10.812 min
Delta R.T.: 0.027 min
Response: 2965669
Conc: 19.44 ug/ml



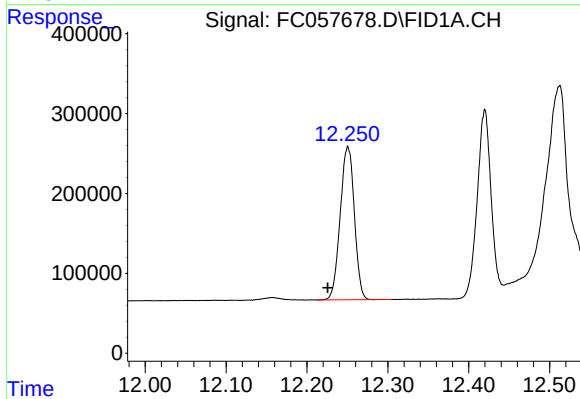
#10 n-Eicosane (C20)

R.T.: 11.808 min
Delta R.T.: 0.023 min
Response: 2805957
Conc: 19.63 ug/ml



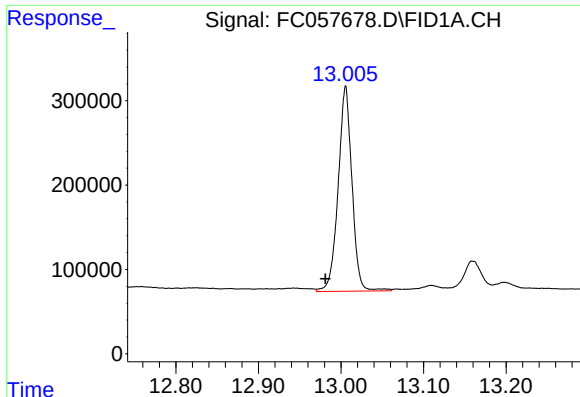
#11 n-Heneicosane (C21)

R.T.: 12.420 min
Delta R.T.: 0.024 min
Response: 2900405
Conc: 20.03 ug/ml



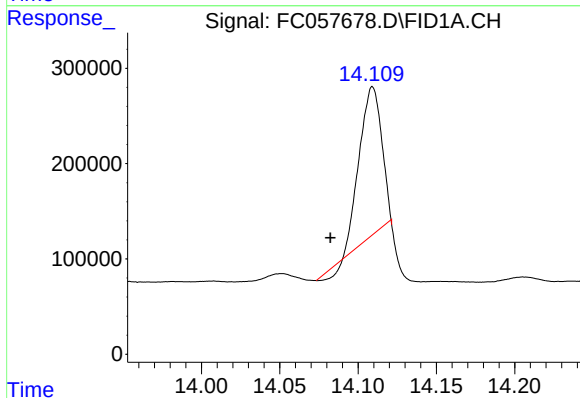
#12 1-chlorooctadecane (SURR)

R.T.: 12.251 min
Delta R.T.: 0.025 min
Response: 2331488
Conc: 19.22 ug/ml



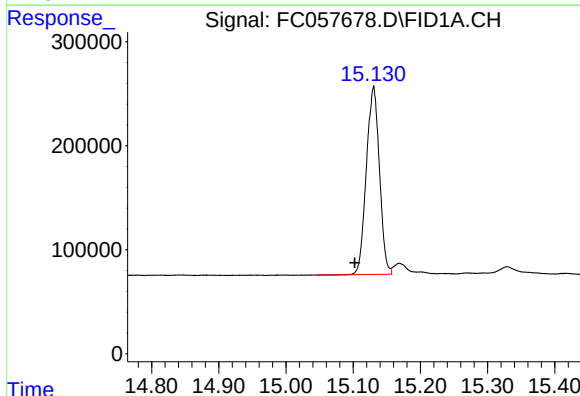
#13 n-Docosane (C22)

R.T.: 13.005 min
Delta R.T.: 0.024 min
Response: 2829046
Conc: 19.71 ug/ml



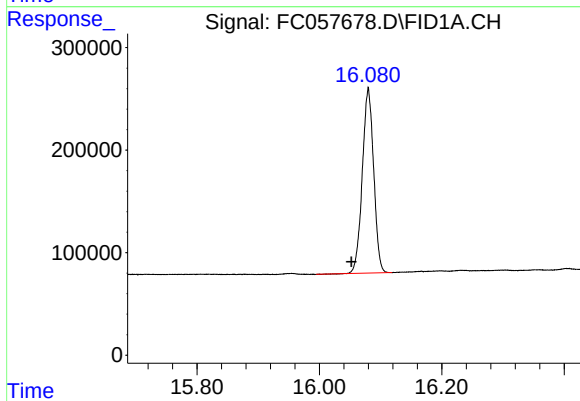
#14 n-Tetracosane (C24)

R.T.: 14.109 min
Delta R.T.: 0.027 min
Response: 1533789
Conc: 10.67 ug/ml



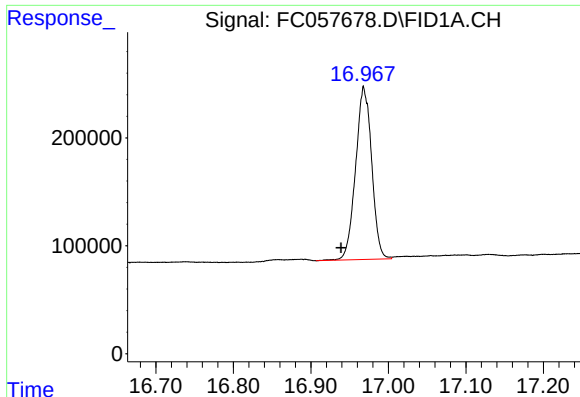
#15 n-Hexacosane (C26)

R.T.: 15.130 min
Delta R.T.: 0.028 min
Response: 2443039
Conc: 17.55 ug/ml



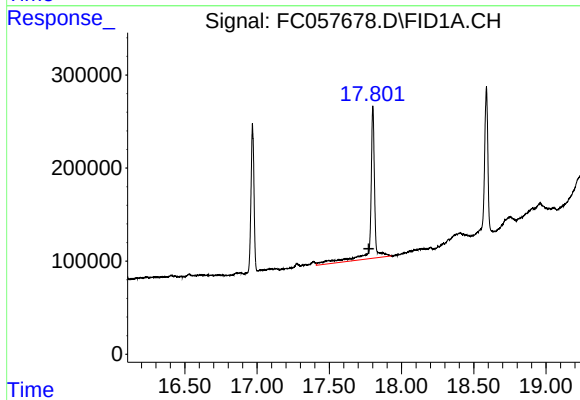
#16 n-Octacosane (C28)

R.T.: 16.080 min
Delta R.T.: 0.028 min
Response: 2320245
Conc: 17.04 ug/ml



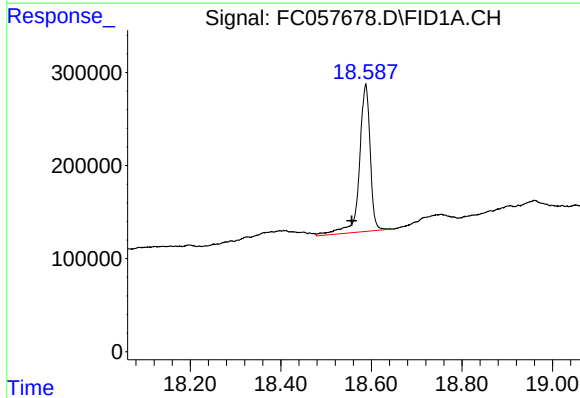
#17 n-Tricontane (C30)

R.T.: 16.969 min
Delta R.T.: 0.030 min
Response: 2305003
Conc: 17.28 ug/ml



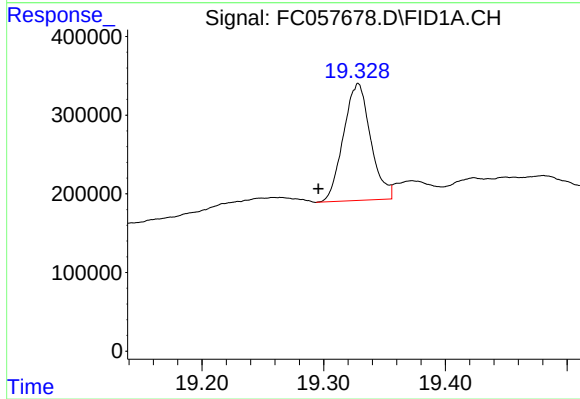
#18 n-Dotriacontane (C32)

R.T.: 17.801 min
Delta R.T.: 0.028 min
Response: 3255003
Conc: 24.82 ug/ml



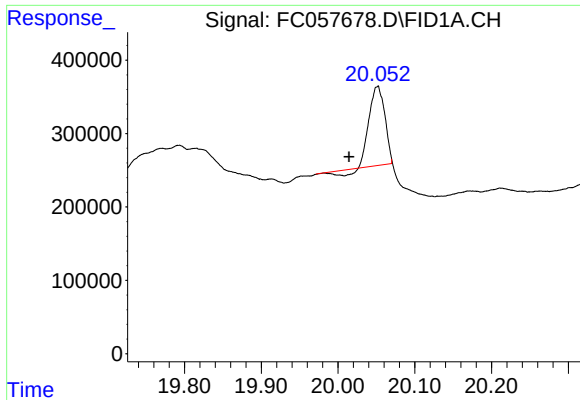
#19 n-Tetratriacontane (C34)

R.T.: 18.587 min
Delta R.T.: 0.031 min
Response: 2630580
Conc: 21.01 ug/ml



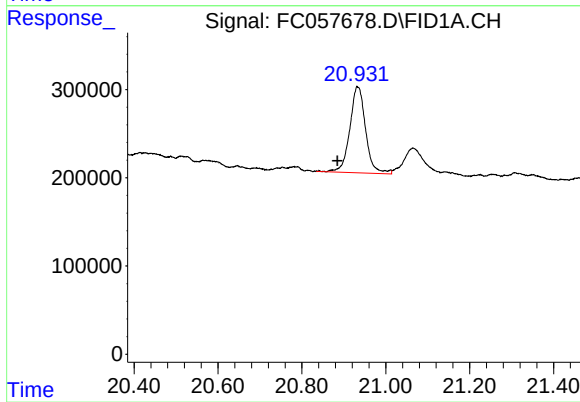
#20 n-Hexatriacontane (C36)

R.T.: 19.328 min
Delta R.T.: 0.032 min
Response: 2303072
Conc: 19.67 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.051 min
Delta R.T.: 0.037 min
Response: 1446608
Conc: 12.99 ug/ml



#22 n-Tetracontane (C40)

R.T.: 20.933 min
Delta R.T.: 0.049 min
Response: 2544555
Conc: 23.03 ug/ml