

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC080321AL\
 Data File : FC054985.D
 Signal(s) : FID1A.CH
 Acq On : 03 Aug 2021 18:41
 Operator : AJ\MA
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 04 02:02:21 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 080321.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 04 02:00:30 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)	11.296	641210	5.101 ug/ml
Spiked Amount 50.000		Recovery =	10.20%
12) S 1-chlorooctadecane (S...	12.741	506131	5.081 ug/ml
Spiked Amount 50.000		Recovery =	10.16%
Target Compounds			
1) T n-Nonane (C9)	3.125	507438	4.849 ug/ml
2) T n-Decane (C10)	4.175	500928	4.745 ug/ml
3) T A~Naphthalene (C11.7)	5.749	434725	3.872 ug/ml
4) T n-Dodecane (C12)	6.177	531399	4.884 ug/ml
5) T A~2-methylnaphthalene...	6.801	435337	3.885 ug/ml
6) T n-Tetradecane (C14)	7.964	549317	4.942 ug/ml
7) T n-Hexadecane (C16)	9.558	571883	5.014 ug/ml
8) T n-Octadecane (C18)	10.994	596540	5.045 ug/ml
10) T n-Eicosane (C20)	12.298	605098	5.143 ug/ml
11) T n-Heneicosane (C21)	12.908	604982	5.103 ug/ml
13) T n-Docosane (C22)	13.493	600849	5.120 ug/ml
14) T n-Tetracosane (C24)	14.592	594273	5.100 ug/ml
15) T n-Hexacosane (C26)	15.612	583157	5.201 ug/ml
16) T n-Octacosane (C28)	16.561	562783	5.169 ug/ml
17) T n-Tricontane (C30)	17.446	550737	5.297 ug/ml
18) T n-Dotriacontane (C32)	18.277	539554	5.536 ug/ml
19) T n-Tetratriacontane (C34)	19.061	510834	5.474 ug/ml
20) T n-Hexatriacontane (C36)	19.800	500069	5.703 ug/ml
21) T n-Octatriacontane (C38)	20.503	463478	5.467 ug/ml
22) T n-Tetracontane (C40)	21.310	493693	5.691 ug/ml

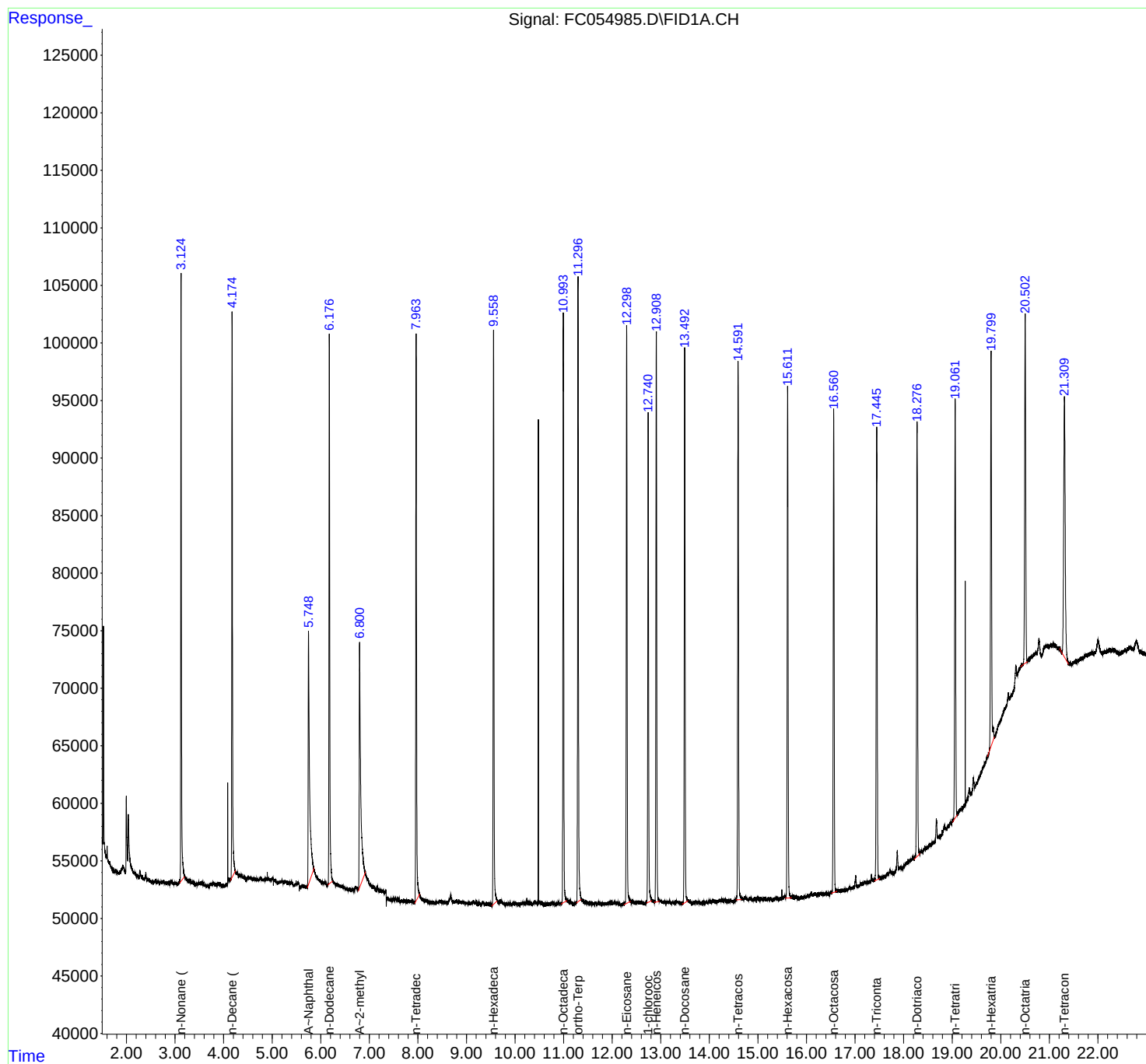
(f)=RT Delta > 1/2 Window

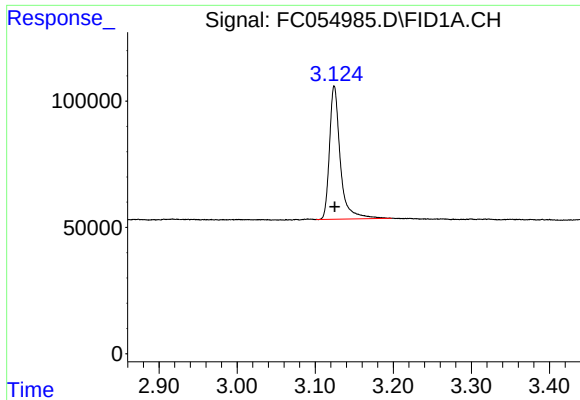
(m)=manual int.

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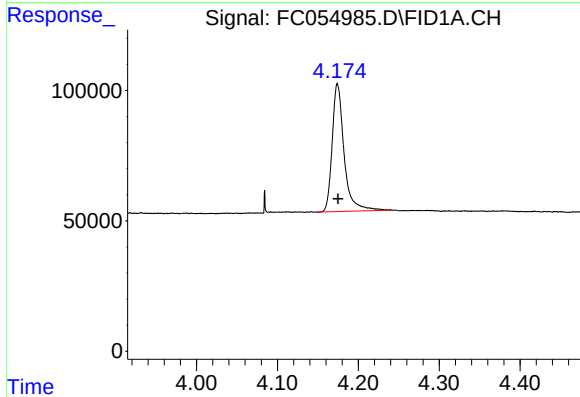
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Signal Info : 20M x 0.18mm x 0.18um





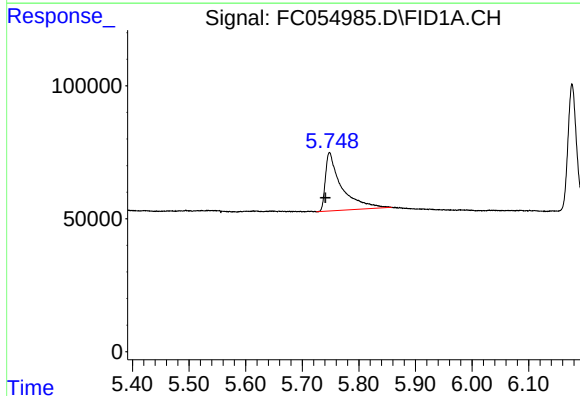
#1 n-Nonane (C9)

R.T.: 3.125 min
Delta R.T.: 0.000 min
Response: 507438
Conc: 4.85 ug/ml



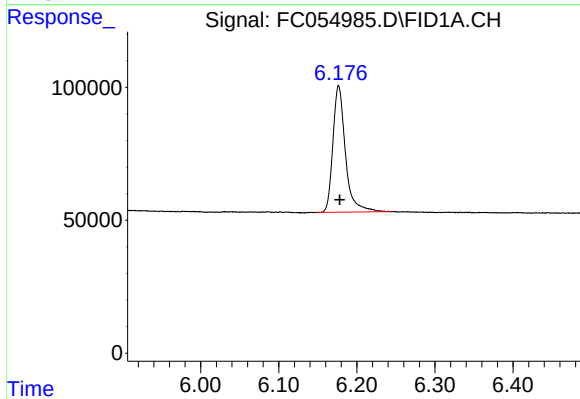
#2 n-Decane (C10)

R.T.: 4.175 min
Delta R.T.: 0.000 min
Response: 500928
Conc: 4.75 ug/ml



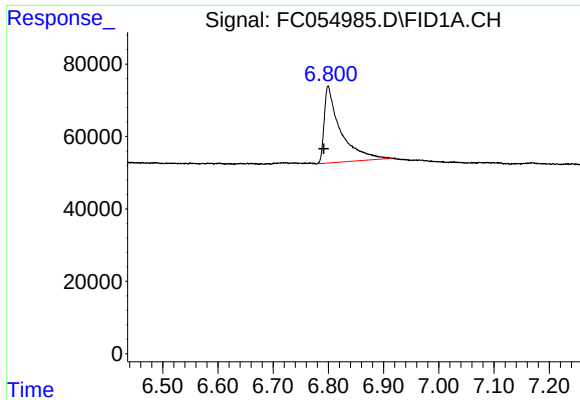
#3 A~Naphthalene (C11.7)

R.T.: 5.749 min
Delta R.T.: 0.008 min
Response: 434725
Conc: 3.87 ug/ml



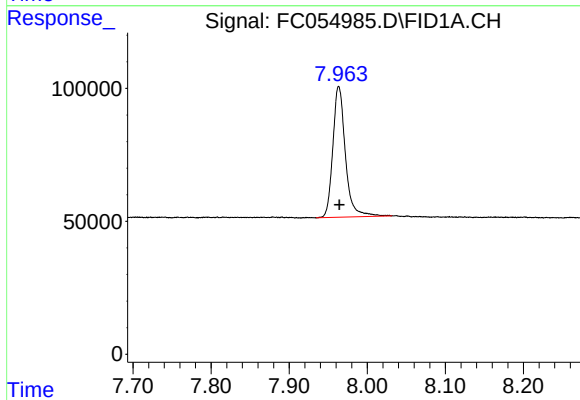
#4 n-Dodecane (C12)

R.T.: 6.177 min
Delta R.T.: -0.001 min
Response: 531399
Conc: 4.88 ug/ml



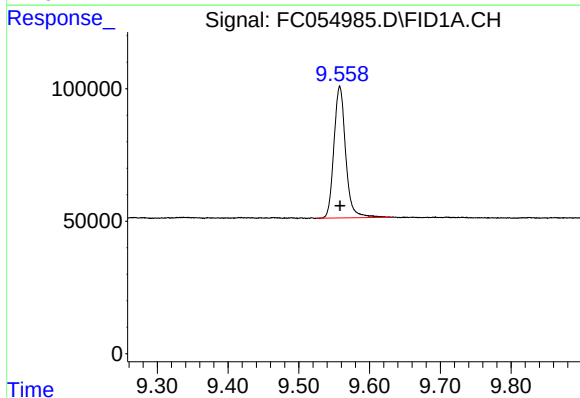
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.801 min
Delta R.T.: 0.009 min
Response: 435337
Conc: 3.88 ug/ml



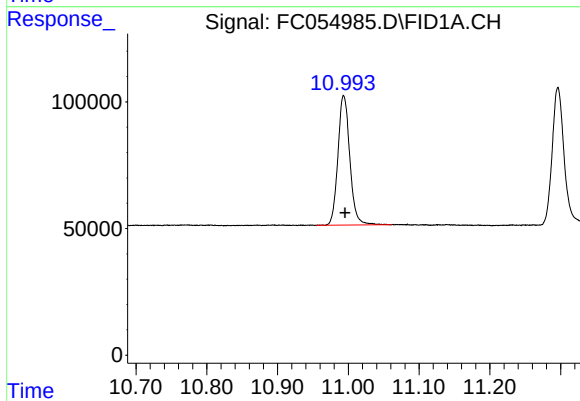
#6 n-Tetradecane (C14)

R.T.: 7.964 min
Delta R.T.: 0.000 min
Response: 549317
Conc: 4.94 ug/ml



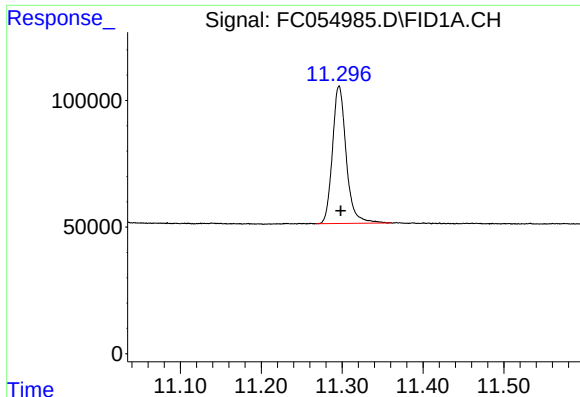
#7 n-Hexadecane (C16)

R.T.: 9.558 min
Delta R.T.: 0.000 min
Response: 571883
Conc: 5.01 ug/ml



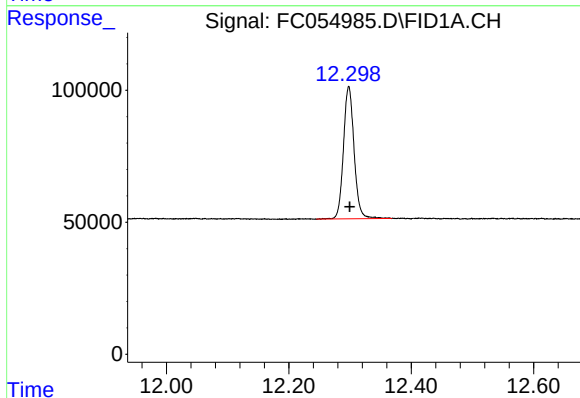
#8 n-Octadecane (C18)

R.T.: 10.994 min
Delta R.T.: -0.002 min
Response: 596540
Conc: 5.04 ug/ml



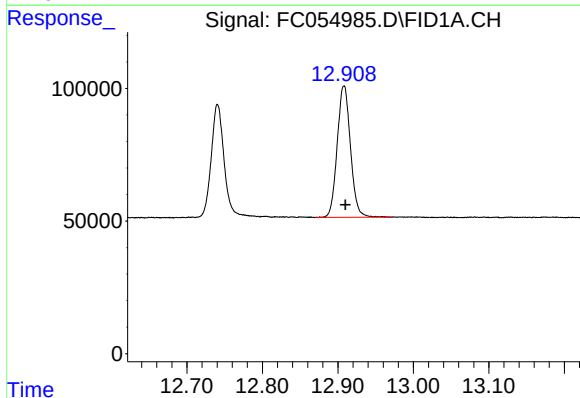
#9 ortho-Terphenyl (SURR)

R.T.: 11.296 min
Delta R.T.: -0.002 min
Response: 641210
Conc: 5.10 ug/ml



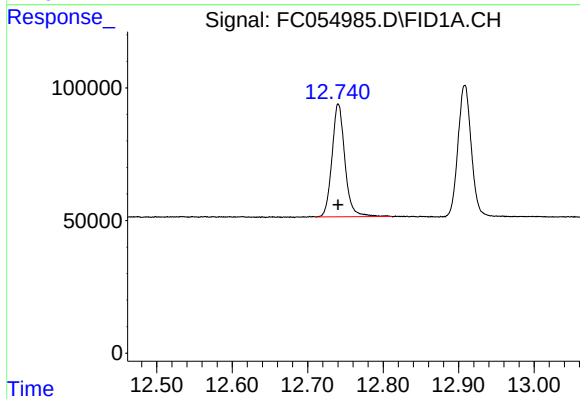
#10 n-Eicosane (C20)

R.T.: 12.298 min
Delta R.T.: -0.002 min
Response: 605098
Conc: 5.14 ug/ml



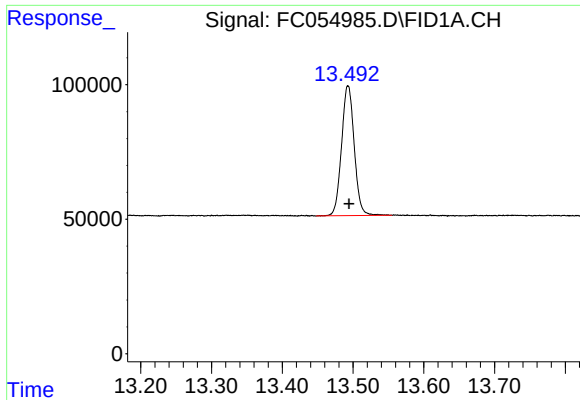
#11 n-Heneicosane (C21)

R.T.: 12.908 min
Delta R.T.: -0.002 min
Response: 604982
Conc: 5.10 ug/ml



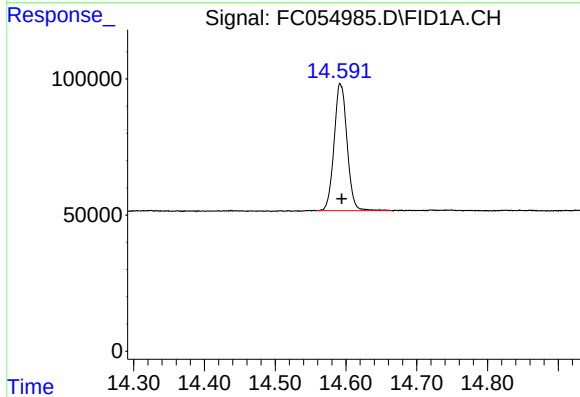
#12 1-chlorooctadecane (SURR)

R.T.: 12.741 min
Delta R.T.: 0.000 min
Response: 506131
Conc: 5.08 ug/ml



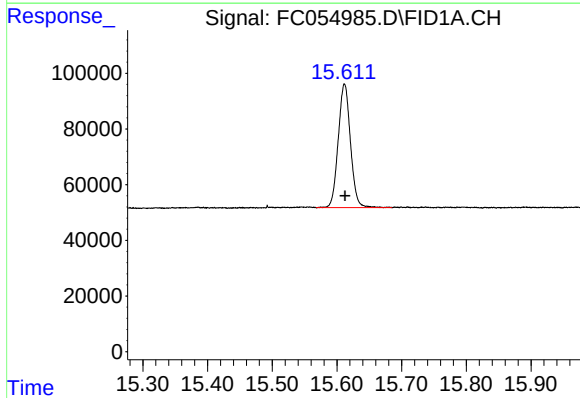
#13 n-Docosane (C22)

R.T.: 13.493 min
Delta R.T.: -0.001 min
Response: 600849
Conc: 5.12 ug/ml



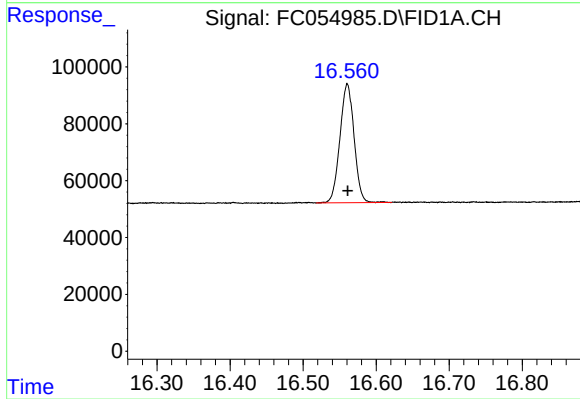
#14 n-Tetracosane (C24)

R.T.: 14.592 min
Delta R.T.: -0.002 min
Response: 594273
Conc: 5.10 ug/ml



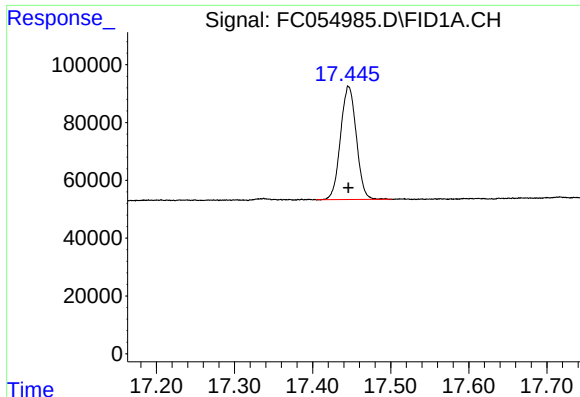
#15 n-Hexacosane (C26)

R.T.: 15.612 min
Delta R.T.: 0.000 min
Response: 583157
Conc: 5.20 ug/ml



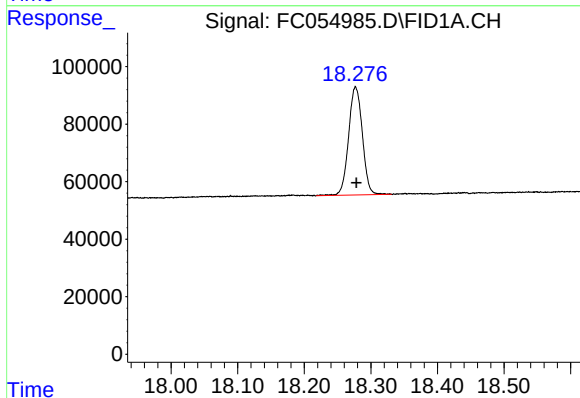
#16 n-Octacosane (C28)

R.T.: 16.561 min
Delta R.T.: 0.000 min
Response: 562783
Conc: 5.17 ug/ml



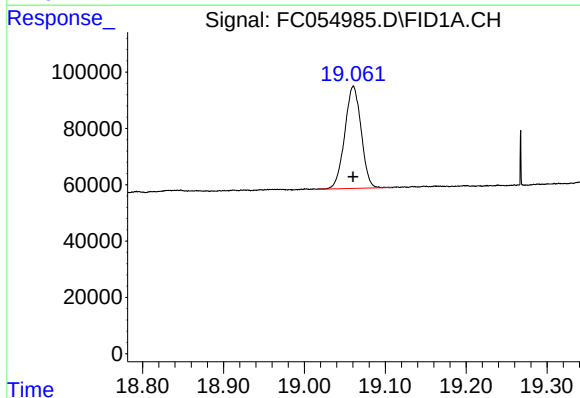
#17 n-Tricontane (C30)

R.T.: 17.446 min
Delta R.T.: 0.000 min
Response: 550737
Conc: 5.30 ug/ml



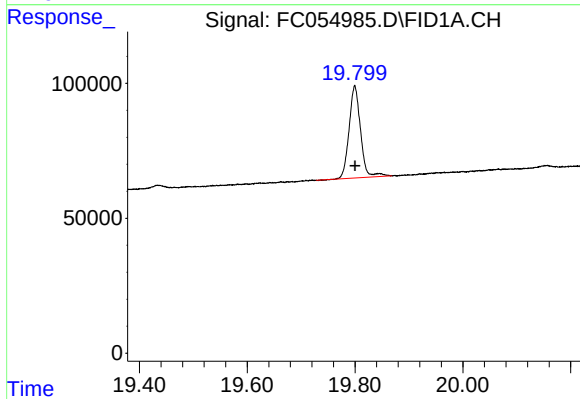
#18 n-Dotriacontane (C32)

R.T.: 18.277 min
Delta R.T.: 0.000 min
Response: 539554
Conc: 5.54 ug/ml



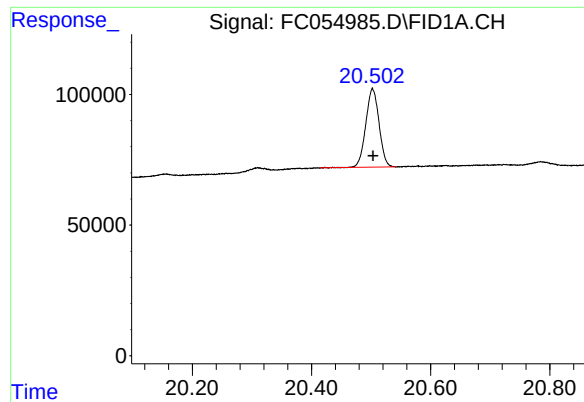
#19 n-Tetratriacontane (C34)

R.T.: 19.061 min
Delta R.T.: 0.000 min
Response: 510834
Conc: 5.47 ug/ml



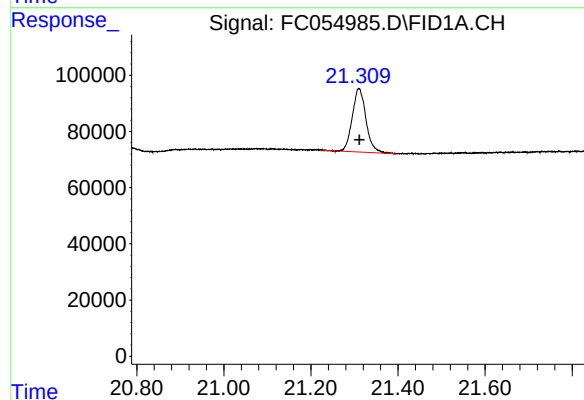
#20 n-Hexatriacontane (C36)

R.T.: 19.800 min
Delta R.T.: 0.000 min
Response: 500069
Conc: 5.70 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.503 min
Delta R.T.: 0.000 min
Response: 463478
Conc: 5.47 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.310 min
Delta R.T.: -0.001 min
Response: 493693
Conc: 5.69 ug/ml