

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC052222AL\
 Data File : FC059877.D
 Signal(s) : FID1A.CH
 Acq On : 21 May 2022 14:27
 Operator : UA/NP
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: May 23 01:09:51 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050522.M
 Quant Title : GC Extractables
 QLast Update : Mon May 09 11:12:42 2022
 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)	10.645	3184830	21.688 ug/ml
Spiked Amount 50.000		Recovery =	43.38%
12) S 1-chlorooctadecane (S...	12.016	2511845	21.827 ug/ml
Spiked Amount 50.000		Recovery =	43.65%
Target Compounds			
1) T n-Nonane (C9)	2.627	2913587	22.815 ug/ml
2) T n-Decane (C10)	3.625	2902859	22.921 ug/ml
3) T A~Naphthalene (C11.7)	5.159	3323810	22.573 ug/ml
4) T n-Dodecane (C12)	5.577	3014794	22.925 ug/ml
5) T A~2-methylnaphthalene...	6.183	3377518	22.469 ug/ml
6) T n-Tetradecane (C14)	7.328	3060138	22.742 ug/ml
7) T n-Hexadecane (C16)	8.893	3087694	22.503 ug/ml
8) T n-Octadecane (C18)	10.302	3075812	22.320 ug/ml
10) T n-Eicosane (C20)	11.581	2963898	22.037 ug/ml
11) T n-Heneicosane (C21)	12.180	2921657	21.901 ug/ml
13) T n-Docosane (C22)	12.753	2852868	21.738 ug/ml
14) T n-Tetracosane (C24)	13.830	2796811	22.228 ug/ml
15) T n-Hexacosane (C26)	14.828	2593930	21.719 ug/ml
16) T n-Octacosane (C28)	15.756	2489839	21.870 ug/ml
17) T n-Tricontane (C30)	16.622	2420318	22.018 ug/ml
18) T n-Dotriacontane (C32)	17.437	2285079	22.103 ug/mlm
19) T n-Tetratriacontane (C34)	18.201	2028441	20.777 ug/mlm
20) T n-Hexatriacontane (C36)	18.923	1719624	18.524 ug/mlm
21) T n-Octatriacontane (C38)	19.607	1552677	16.311 ug/mlm
22) T n-Tetracontane (C40)	20.254	1462717	15.452 ug/mlm

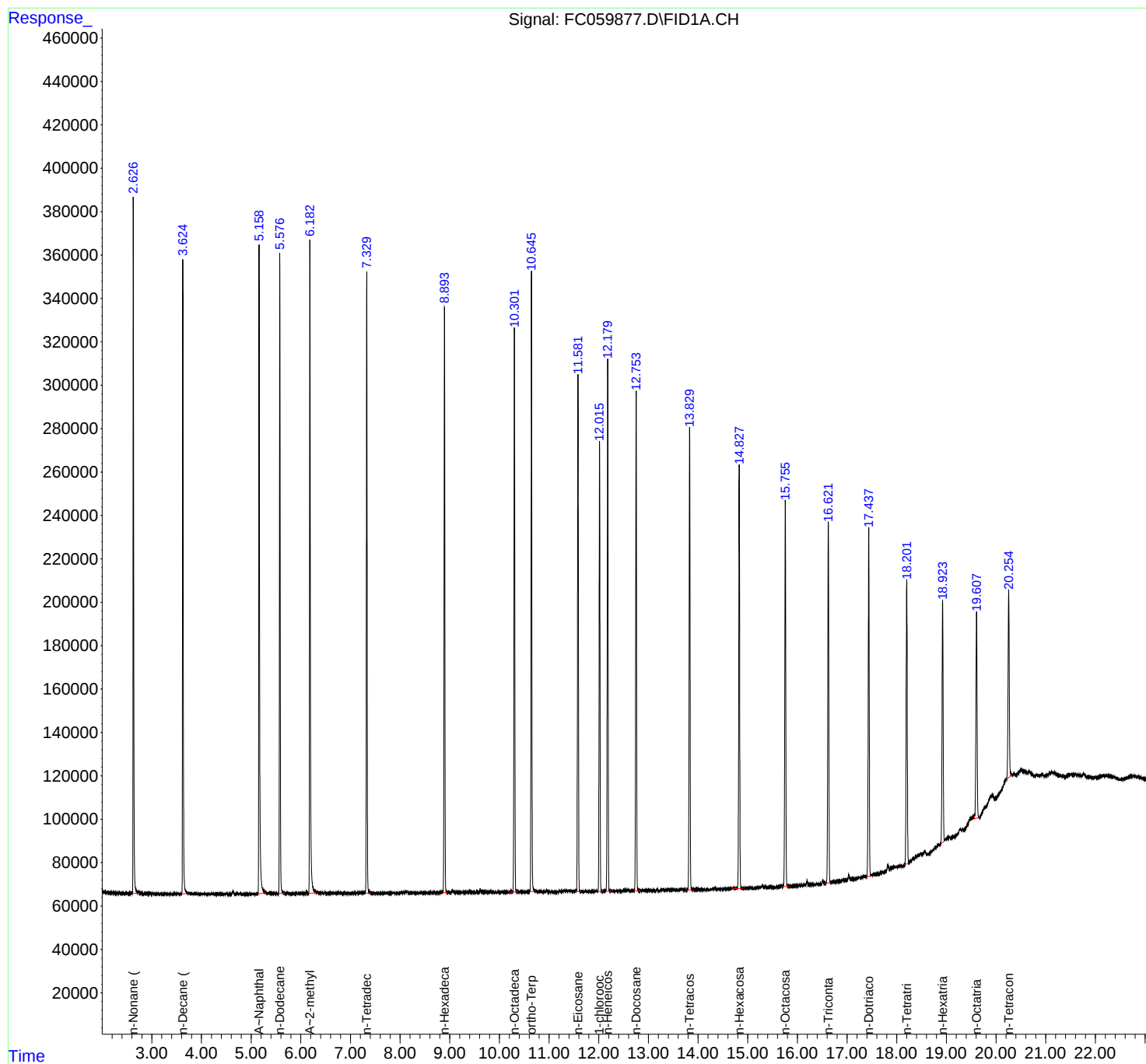
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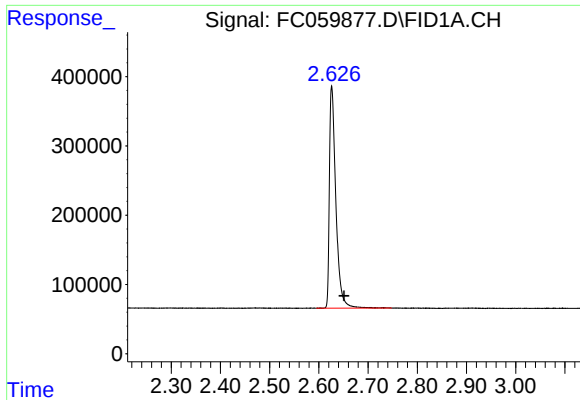
(m)=manual int.

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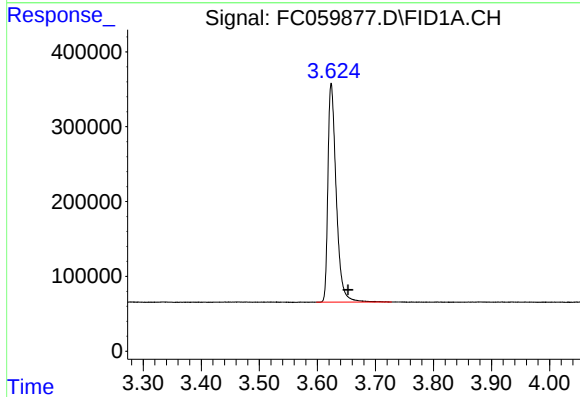
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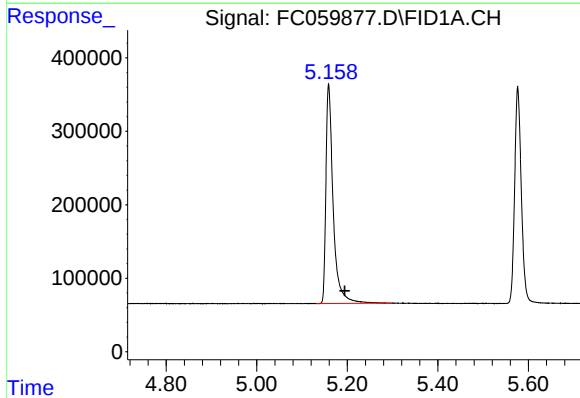
#1 n-Nonane (C9)

R.T.: 2.627 min
Delta R.T.: -0.024 min
Response: 2913587
Conc: 22.82 ug/ml



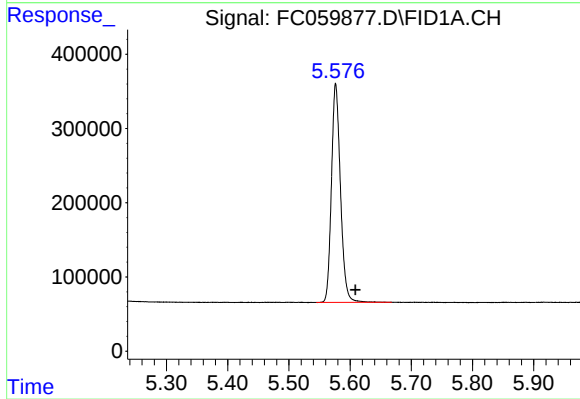
#2 n-Decane (C10)

R.T.: 3.625 min
Delta R.T.: -0.028 min
Response: 2902859
Conc: 22.92 ug/ml



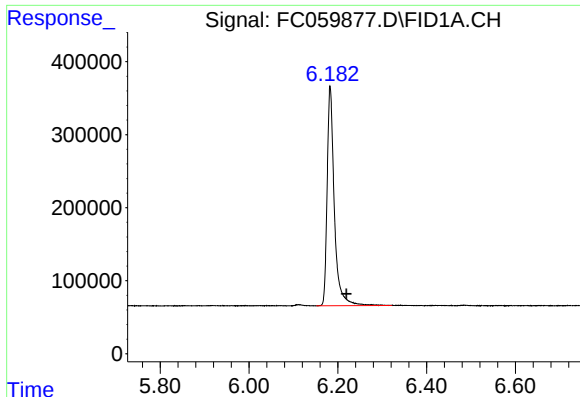
#3 A~Naphthalene (C11.7)

R.T.: 5.159 min
Delta R.T.: -0.035 min
Response: 3323810
Conc: 22.57 ug/ml



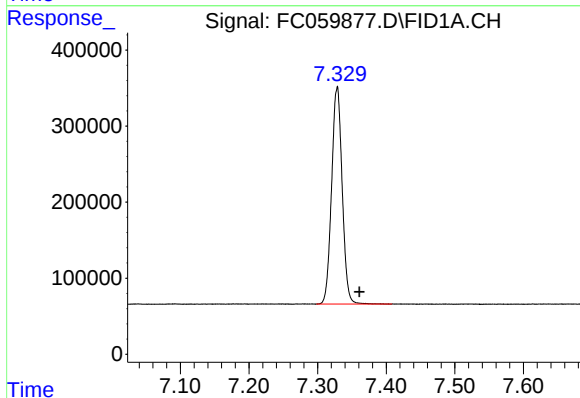
#4 n-Dodecane (C12)

R.T.: 5.577 min
Delta R.T.: -0.032 min
Response: 3014794
Conc: 22.92 ug/ml



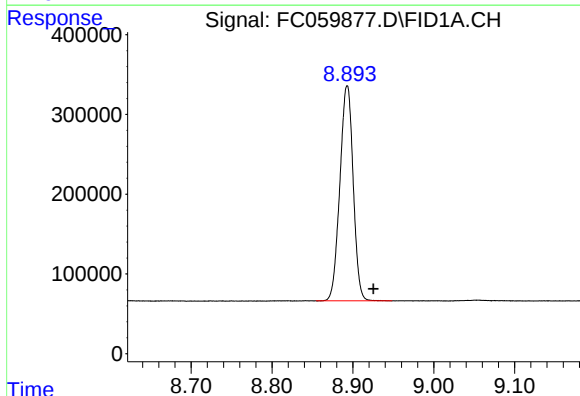
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.183 min
Delta R.T.: -0.036 min
Response: 3377518
Conc: 22.47 ug/ml



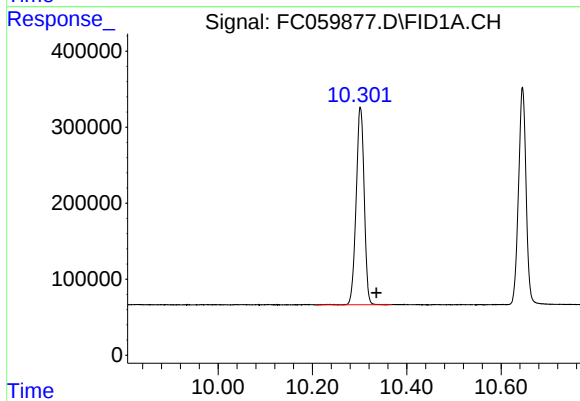
#6 n-Tetradecane (C14)

R.T.: 7.328 min
Delta R.T.: -0.033 min
Response: 3060138
Conc: 22.74 ug/ml



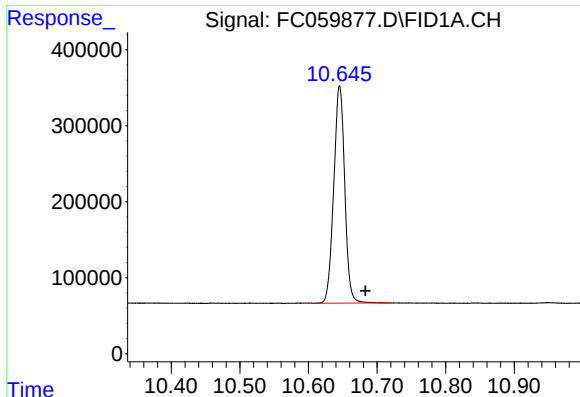
#7 n-Hexadecane (C16)

R.T.: 8.893 min
Delta R.T.: -0.033 min
Response: 3087694
Conc: 22.50 ug/ml



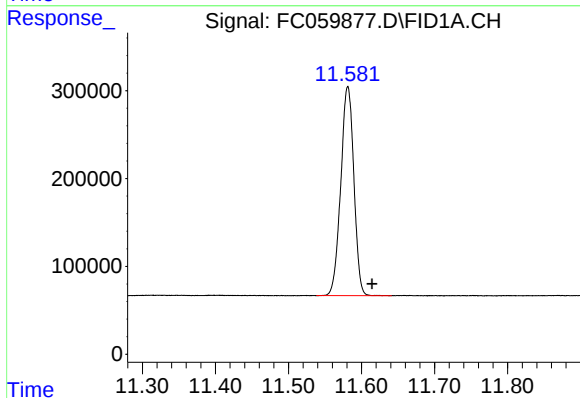
#8 n-Octadecane (C18)

R.T.: 10.302 min
Delta R.T.: -0.034 min
Response: 3075812
Conc: 22.32 ug/ml



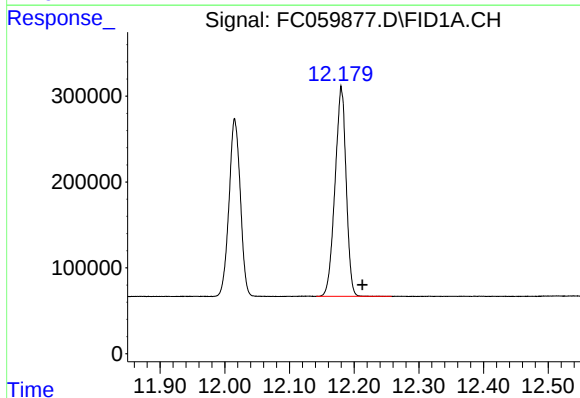
#9 ortho-Terphenyl (SURR)

R.T.: 10.645 min
Delta R.T.: -0.038 min
Response: 3184830
Conc: 21.69 ug/ml



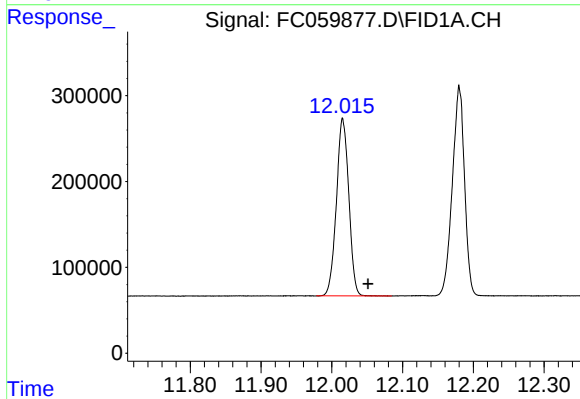
#10 n-Eicosane (C20)

R.T.: 11.581 min
Delta R.T.: -0.033 min
Response: 2963898
Conc: 22.04 ug/ml



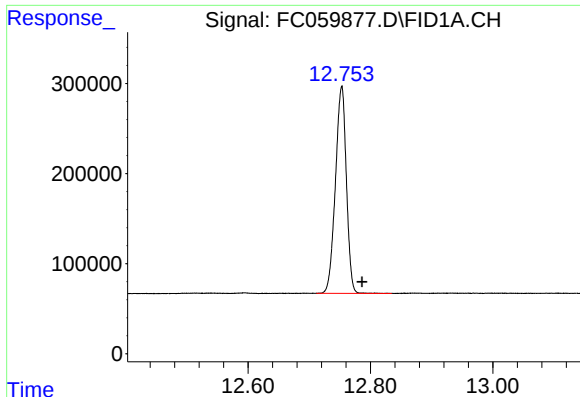
#11 n-Heneicosane (C21)

R.T.: 12.180 min
Delta R.T.: -0.033 min
Response: 2921657
Conc: 21.90 ug/ml



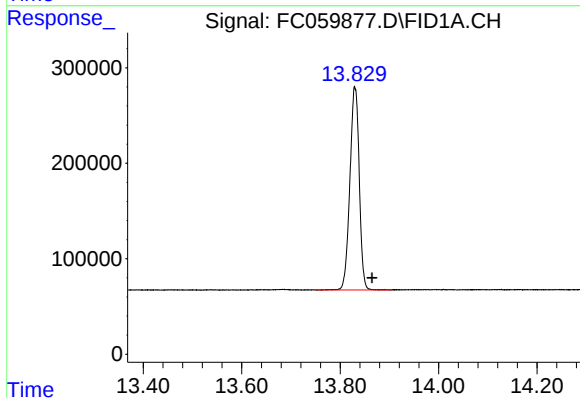
#12 1-chlorooctadecane (SURR)

R.T.: 12.016 min
Delta R.T.: -0.036 min
Response: 2511845
Conc: 21.83 ug/ml



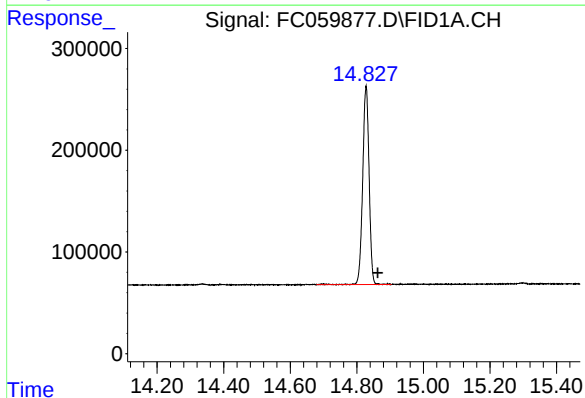
#13 n-Docosane (C22)

R.T.: 12.753 min
Delta R.T.: -0.034 min
Response: 2852868
Conc: 21.74 ug/ml



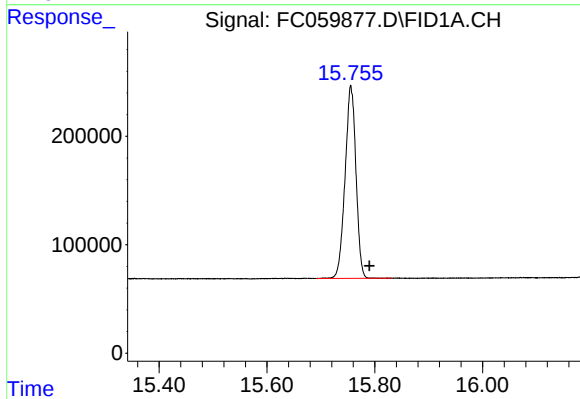
#14 n-Tetracosane (C24)

R.T.: 13.830 min
Delta R.T.: -0.035 min
Response: 2796811
Conc: 22.23 ug/ml



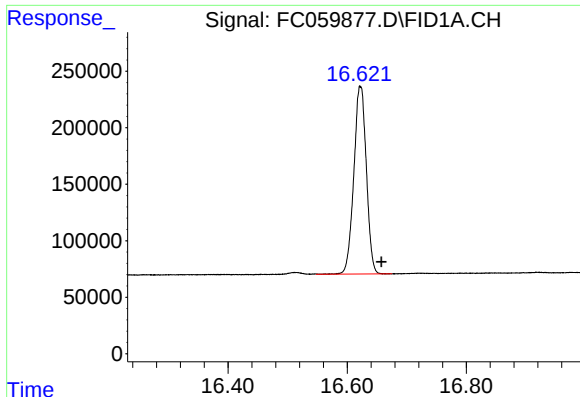
#15 n-Hexacosane (C26)

R.T.: 14.828 min
Delta R.T.: -0.035 min
Response: 2593930
Conc: 21.72 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.756 min
Delta R.T.: -0.034 min
Response: 2489839
Conc: 21.87 ug/ml



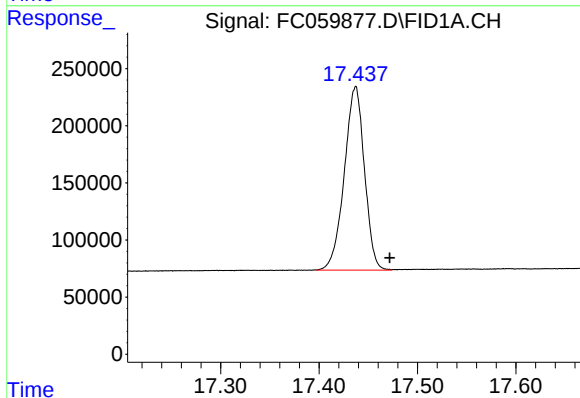
#17 n-Tricontane (C30)

R.T.: 16.622 min

Delta R.T.: -0.035 min

Response: 2420318

Conc: 22.02 ug/ml



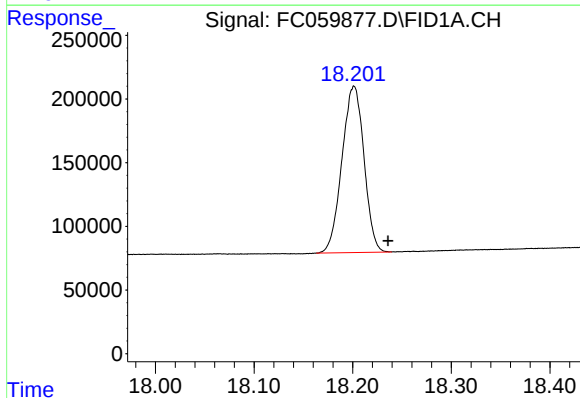
#18 n-Dotriacontane (C32)

R.T.: 17.437 min

Delta R.T.: -0.035 min

Response: 2285079

Conc: 22.10 ug/ml m



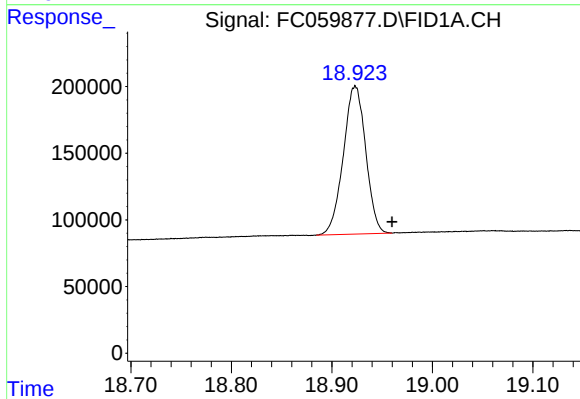
#19 n-Tetratriacontane (C34)

R.T.: 18.201 min

Delta R.T.: -0.035 min

Response: 2028441

Conc: 20.78 ug/ml m



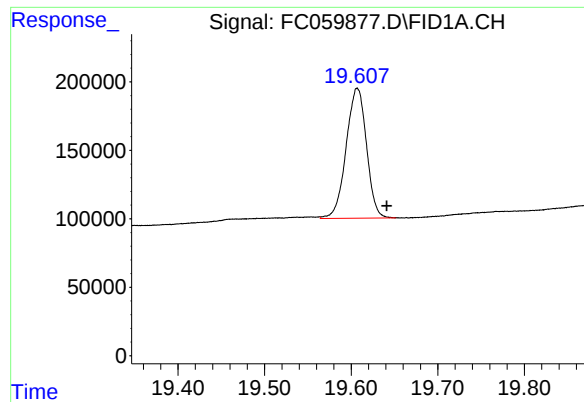
#20 n-Hexatriacontane (C36)

R.T.: 18.923 min

Delta R.T.: -0.037 min

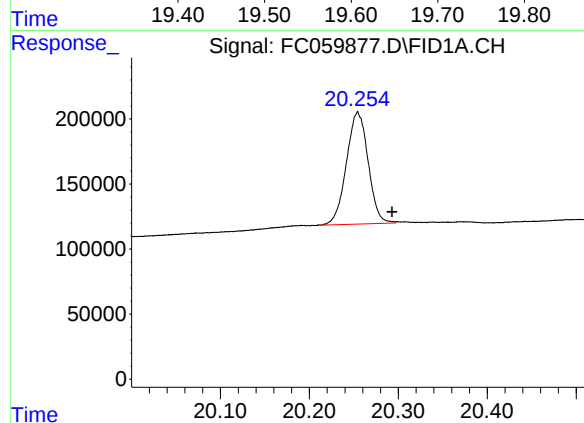
Response: 1719624

Conc: 18.52 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 19.607 min
Delta R.T.: -0.034 min
Response: 1552677
Conc: 16.31 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 20.254 min
Delta R.T.: -0.039 min
Response: 1462717
Conc: 15.45 ug/ml m