

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC090619AL\
 Data File : FC043349.D
 Signal(s) : FID1A.CH
 Acq On : 06 Sep 2019 13:26
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 07 00:45:00 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 082719.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 28 04:05:56 2019
 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)	11.610	2834613	19.798 ug/ml
Spiked Amount 50.000		Recovery =	39.60%
12) S 1-chlorooctadecane (S...	13.032	2132265	19.517 ug/ml
Spiked Amount 50.000		Recovery =	39.03%
Target Compounds			
1) T n-Nonane (C9)	3.445	2581584	21.675 ug/ml
2) T n-Decane (C10)	4.500	2641903	22.218 ug/ml
3) T A~Naphthalene (C11.7)	6.080	2713276	22.243 ug/ml
4) T n-Dodecane (C12)	6.496	2698022	22.053 ug/ml
5) T A~2-methylnaphthalene...	7.125	2730041	22.240 ug/ml
6) T n-Tetradecane (C14)	8.272	2676028	21.648 ug/ml
7) T n-Hexadecane (C16)	9.859	2654903	21.295 ug/ml
8) T n-Octadecane (C18)	11.290	2623295	20.624 ug/ml
10) T n-Eicosane (C20)	12.589	2560478	19.944 ug/ml
11) T n-Heneicosane (C21)	13.197	2544533	19.648 ug/ml
13) T n-Docosane (C22)	13.779	2488679	19.373 ug/ml
14) T n-Tetracosane (C24)	14.875	2431702	18.981 ug/ml
15) T n-Hexacosane (C26)	15.890	2361000	18.746 ug/ml
16) T n-Octacosane (C28)	16.835	2319762	18.893 ug/ml
17) T n-Tricontane (C30)	17.717	2319324	19.230 ug/ml
18) T n-Dotriacontane (C32)	18.546	2259790	19.811 ug/ml
19) T n-Tetratriacontane (C34)	19.327	2188593	20.341 ug/ml
20) T n-Hexatriacontane (C36)	20.063	2139820	20.324 ug/ml
21) T n-Octatriacontane (C38)	20.794	2074891	22.177 ug/ml
22) T n-Tetracontane (C40)	21.689	2151055	22.264 ug/ml

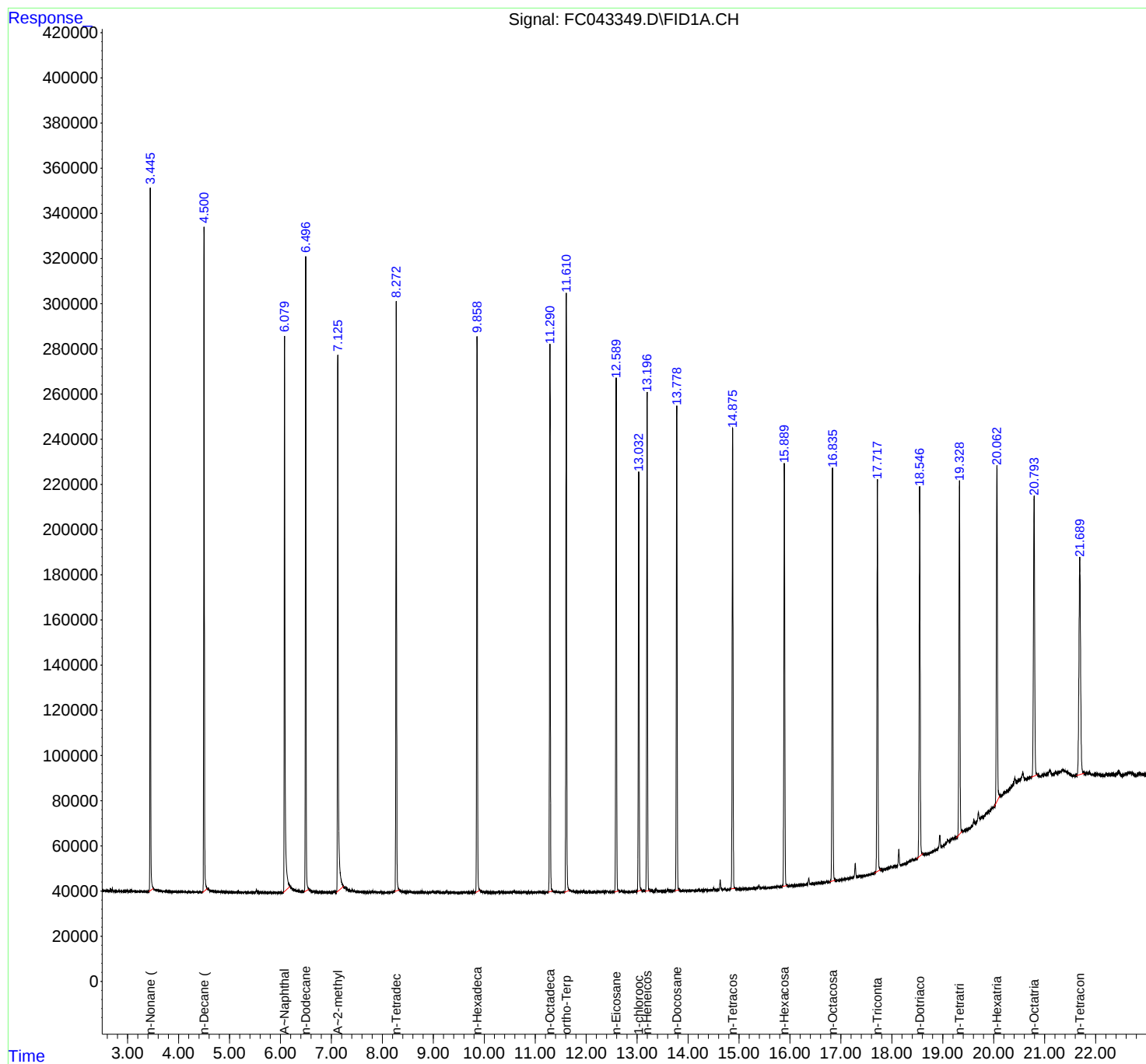
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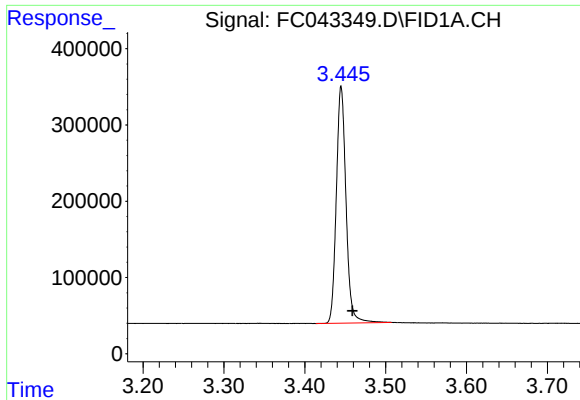
(m)=manual int.

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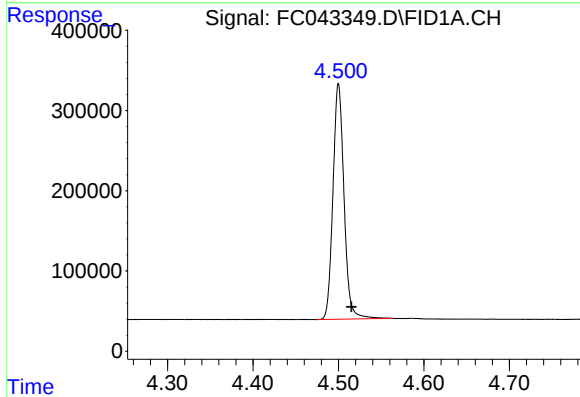
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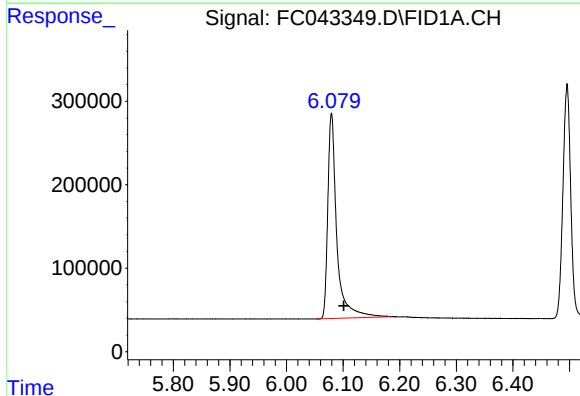
#1 n-Nonane (C9)

R.T.: 3.445 min
Delta R.T.: -0.014 min
Response: 2581584
Conc: 21.68 ug/ml



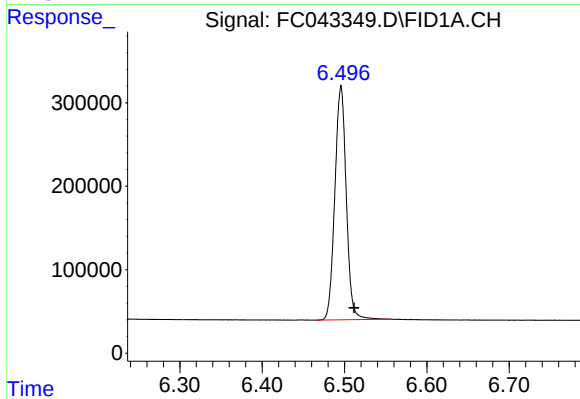
#2 n-Decane (C10)

R.T.: 4.500 min
Delta R.T.: -0.015 min
Response: 2641903
Conc: 22.22 ug/ml



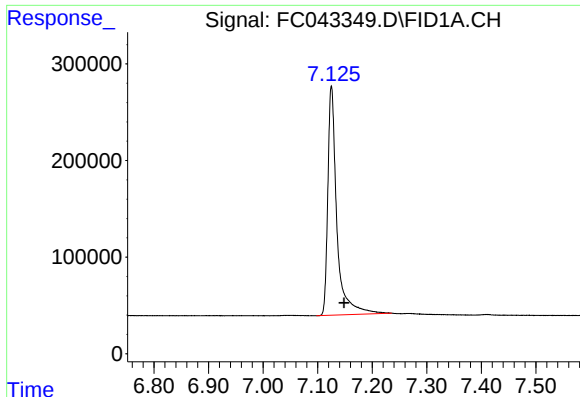
#3 A~Naphthalene (C11.7)

R.T.: 6.080 min
Delta R.T.: -0.022 min
Response: 2713276
Conc: 22.24 ug/ml



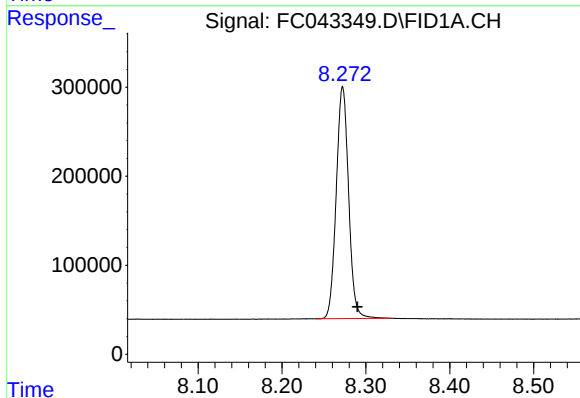
#4 n-Dodecane (C12)

R.T.: 6.496 min
Delta R.T.: -0.016 min
Response: 2698022
Conc: 22.05 ug/ml



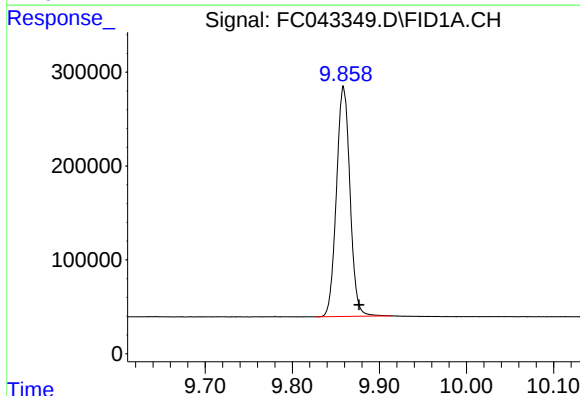
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.125 min
Delta R.T.: -0.023 min
Response: 2730041
Conc: 22.24 ug/ml



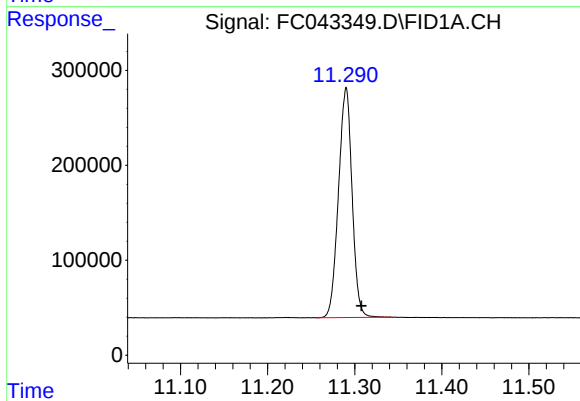
#6 n-Tetradecane (C14)

R.T.: 8.272 min
Delta R.T.: -0.017 min
Response: 2676028
Conc: 21.65 ug/ml



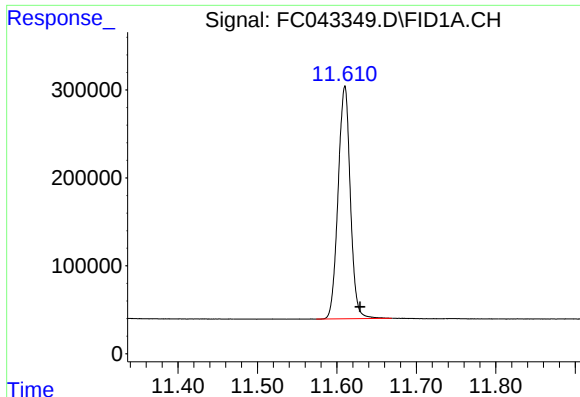
#7 n-Hexadecane (C16)

R.T.: 9.859 min
Delta R.T.: -0.018 min
Response: 2654903
Conc: 21.29 ug/ml



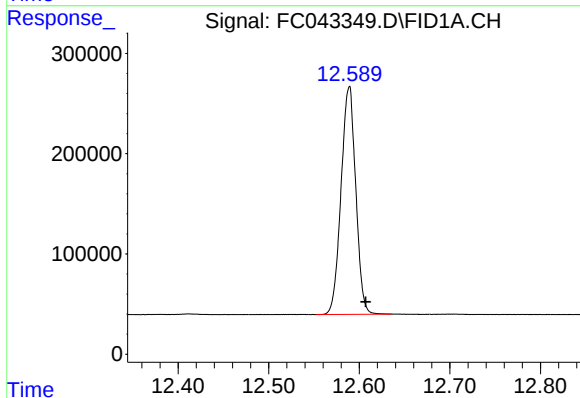
#8 n-Octadecane (C18)

R.T.: 11.290 min
Delta R.T.: -0.017 min
Response: 2623295
Conc: 20.62 ug/ml



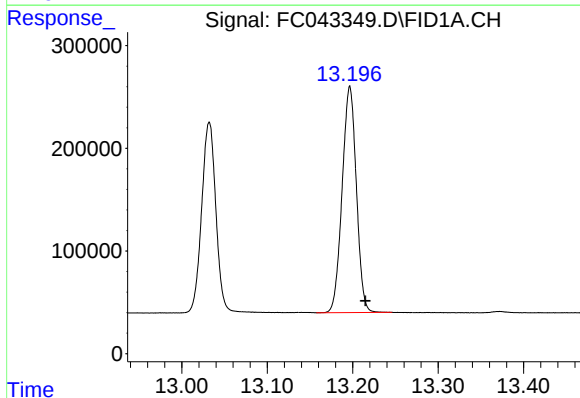
#9 ortho-Terphenyl (SURR)

R.T.: 11.610 min
Delta R.T.: -0.019 min
Response: 2834613
Conc: 19.80 ug/ml



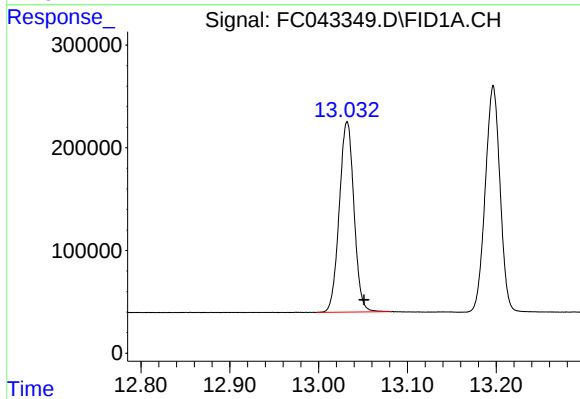
#10 n-Eicosane (C20)

R.T.: 12.589 min
Delta R.T.: -0.018 min
Response: 2560478
Conc: 19.94 ug/ml



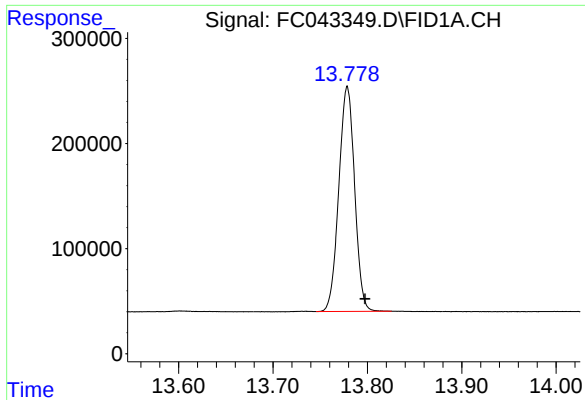
#11 n-Heneicosane (C21)

R.T.: 13.197 min
Delta R.T.: -0.018 min
Response: 2544533
Conc: 19.65 ug/ml



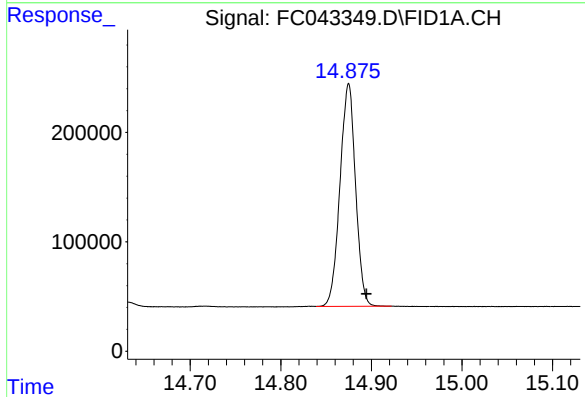
#12 1-chlorooctadecane (SURR)

R.T.: 13.032 min
Delta R.T.: -0.019 min
Response: 2132265
Conc: 19.52 ug/ml



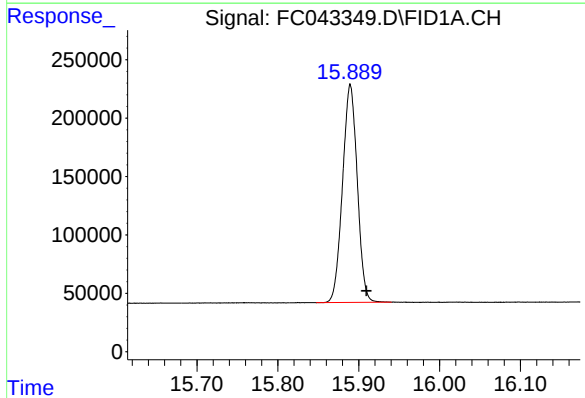
#13 n-Docosane (C22)

R.T.: 13.779 min
Delta R.T.: -0.019 min
Response: 2488679
Conc: 19.37 ug/ml



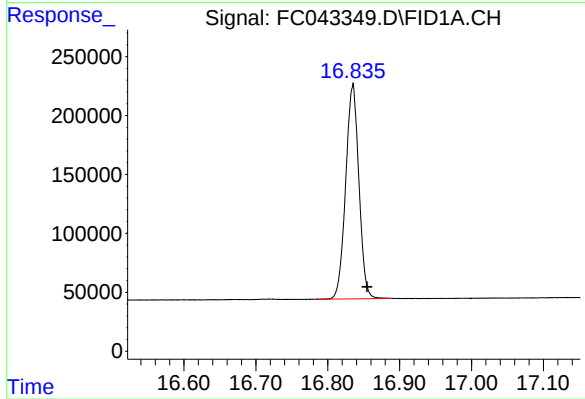
#14 n-Tetracosane (C24)

R.T.: 14.875 min
Delta R.T.: -0.020 min
Response: 2431702
Conc: 18.98 ug/ml



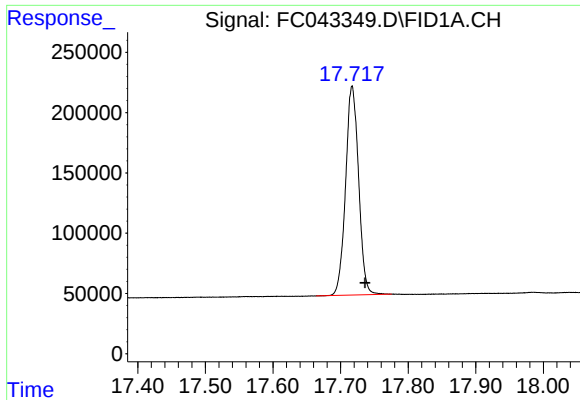
#15 n-Hexacosane (C26)

R.T.: 15.890 min
Delta R.T.: -0.020 min
Response: 2361000
Conc: 18.75 ug/ml



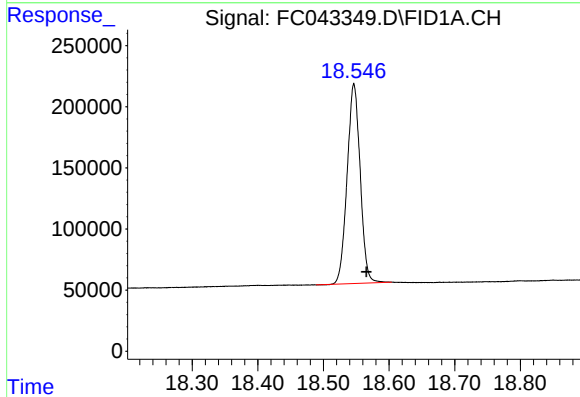
#16 n-Octacosane (C28)

R.T.: 16.835 min
Delta R.T.: -0.020 min
Response: 2319762
Conc: 18.89 ug/ml



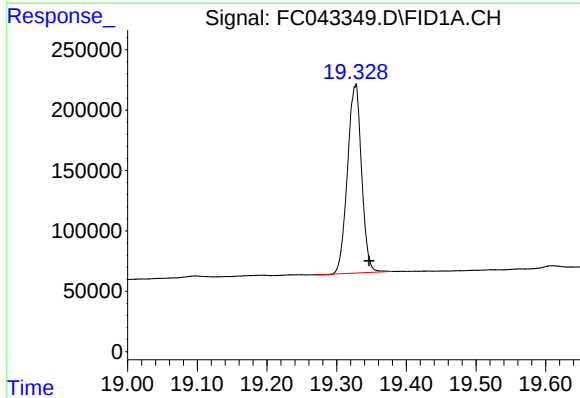
#17 n-Tricontane (C30)

R.T.: 17.717 min
Delta R.T.: -0.019 min
Response: 2319324
Conc: 19.23 ug/ml



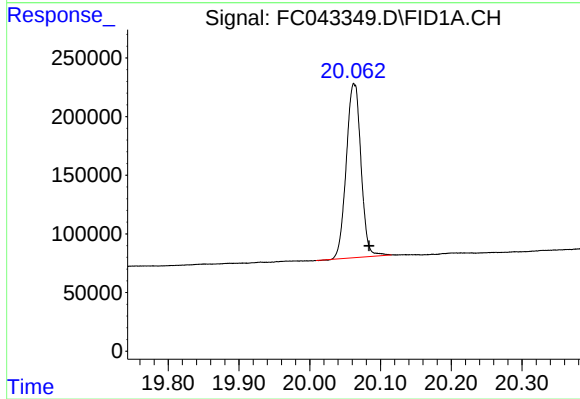
#18 n-Dotriacontane (C32)

R.T.: 18.546 min
Delta R.T.: -0.019 min
Response: 2259790
Conc: 19.81 ug/ml



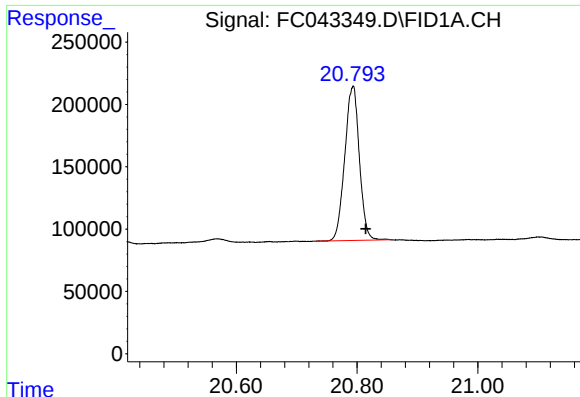
#19 n-Tetratriacontane (C34)

R.T.: 19.327 min
Delta R.T.: -0.019 min
Response: 2188593
Conc: 20.34 ug/ml



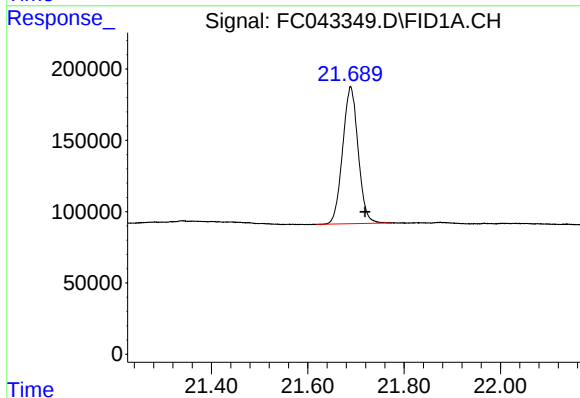
#20 n-Hexatriacontane (C36)

R.T.: 20.063 min
Delta R.T.: -0.021 min
Response: 2139820
Conc: 20.32 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.794 min
Delta R.T.: -0.021 min
Response: 2074891
Conc: 22.18 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.689 min
Delta R.T.: -0.030 min
Response: 2151055
Conc: 22.26 ug/ml