

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC061421AL\
 Data File : FC054241.D
 Signal(s) : FID1A.CH
 Acq On : 14 Jun 2021 9:37
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jun 14 12:18:57 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 061021.M
 Quant Title : GC Extractables
 QLast Update : Fri Jun 11 04:43:57 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)	11.348	2932228	19.309 ug/ml
Spiked Amount 50.000		Recovery =	38.62%
12) S 1-chlorooctadecane (S...	12.792	2246459	19.070 ug/ml
Spiked Amount 50.000		Recovery =	38.14%
Target Compounds			
1) T n-Nonane (C9)	3.157	2658300	20.657 ug/ml
2) T n-Decane (C10)	4.212	2709413	21.137 ug/ml
3) T A~Naphthalene (C11.7)	5.779	2994740	20.733 ug/ml
4) T n-Dodecane (C12)	6.220	2732923	20.841 ug/ml
5) T A~2-methylnaphthalene...	6.831	3004466	20.810 ug/ml
6) T n-Tetradecane (C14)	8.009	2750783	20.748 ug/ml
7) T n-Hexadecane (C16)	9.606	2745736	20.298 ug/ml
8) T n-Octadecane (C18)	11.044	2763312	19.799 ug/ml
10) T n-Eicosane (C20)	12.351	2685458	19.341 ug/ml
11) T n-Heneicosane (C21)	12.961	2671279	19.123 ug/ml
13) T n-Docosane (C22)	13.547	2618501	18.923 ug/ml
14) T n-Tetracosane (C24)	14.648	2552717	18.536 ug/ml
15) T n-Hexacosane (C26)	15.668	2425150	18.005 ug/ml
16) T n-Octacosane (C28)	16.617	2343698	17.688 ug/ml
17) T n-Tricontane (C30)	17.502	2277295	17.718 ug/ml
18) T n-Dotriacontane (C32)	18.335	2192521	17.820 ug/ml
19) T n-Tetratriacontane (C34)	19.118	2180580	18.640 ug/ml
20) T n-Hexatriacontane (C36)	19.857	2126707	19.267 ug/ml
21) T n-Octatriacontane (C38)	20.563	2089377	20.439 ug/ml
22) T n-Tetracontane (C40)	21.391	2166514	20.248 ug/ml

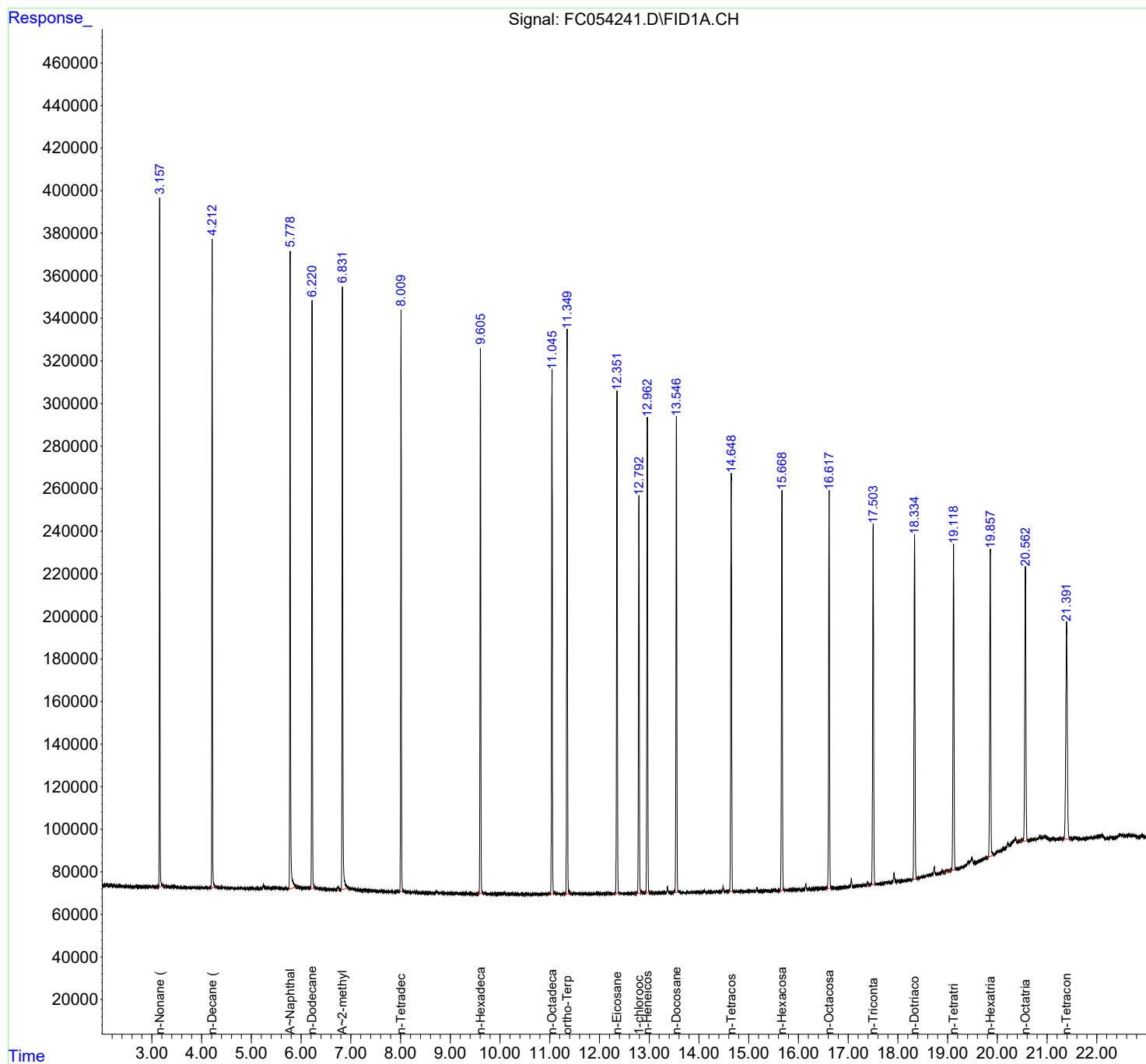
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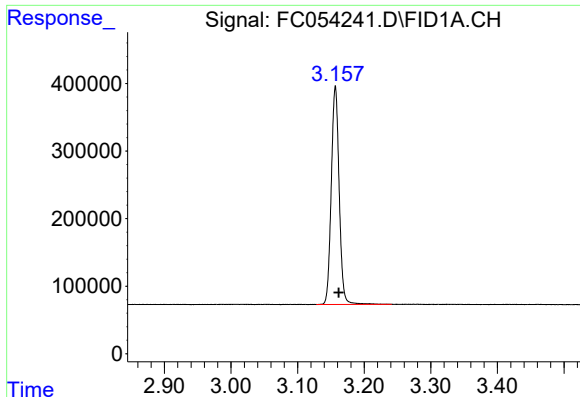
(m)=manual int.

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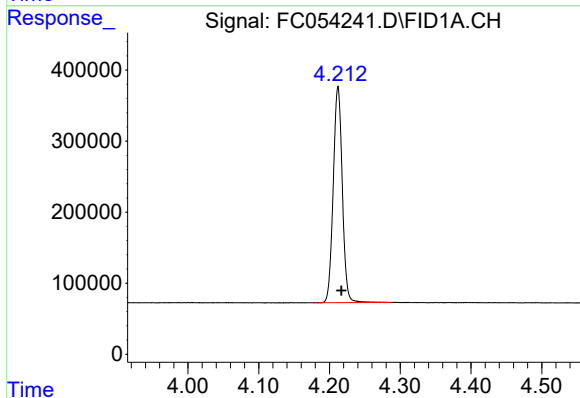
Volume Inj. : 1 ul
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Signal Info : 20M x 0.18mm x 0.18um





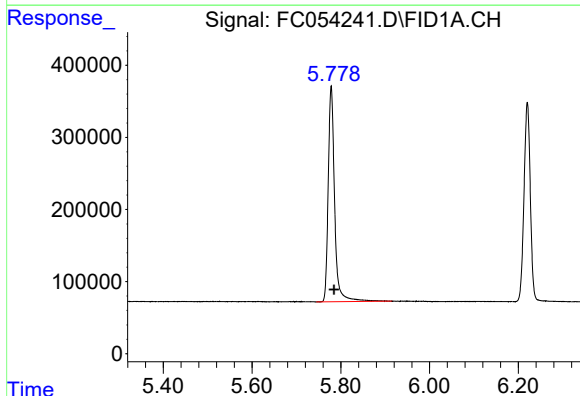
#1 n-Nonane (C9)

R.T.: 3.157 min
Delta R.T.: -0.005 min
Response: 2658300
Conc: 20.66 ug/ml



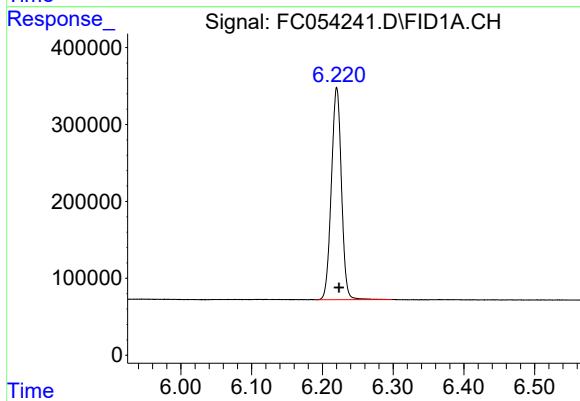
#2 n-Decane (C10)

R.T.: 4.212 min
Delta R.T.: -0.005 min
Response: 2709413
Conc: 21.14 ug/ml



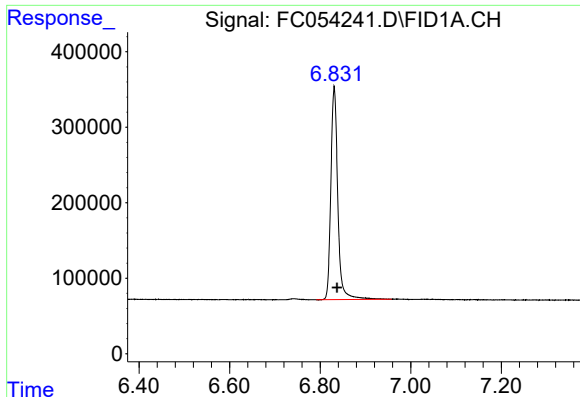
#3 A~Naphthalene (C11.7)

R.T.: 5.779 min
Delta R.T.: -0.007 min
Response: 2994740
Conc: 20.73 ug/ml



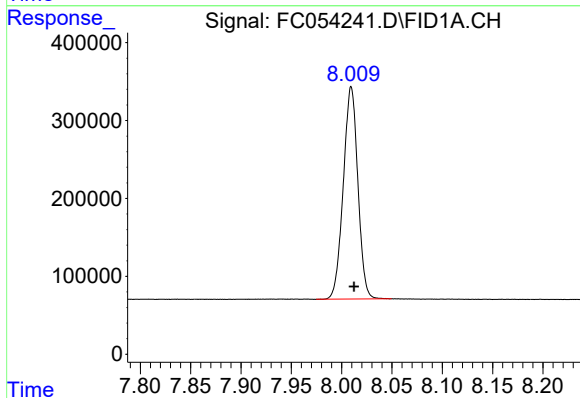
#4 n-Dodecane (C12)

R.T.: 6.220 min
Delta R.T.: -0.003 min
Response: 2732923
Conc: 20.84 ug/ml



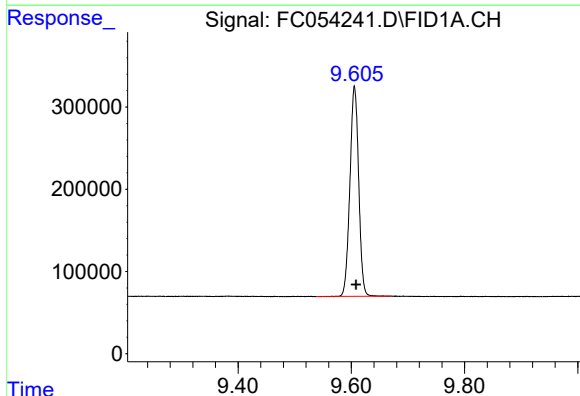
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.831 min
Delta R.T.: -0.006 min
Response: 3004466
Conc: 20.81 ug/ml



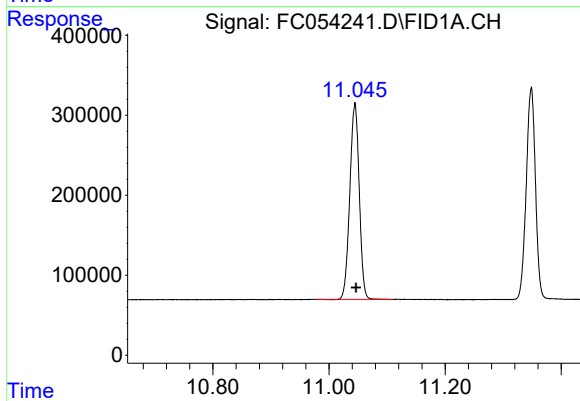
#6 n-Tetradecane (C14)

R.T.: 8.009 min
Delta R.T.: -0.003 min
Response: 2750783
Conc: 20.75 ug/ml



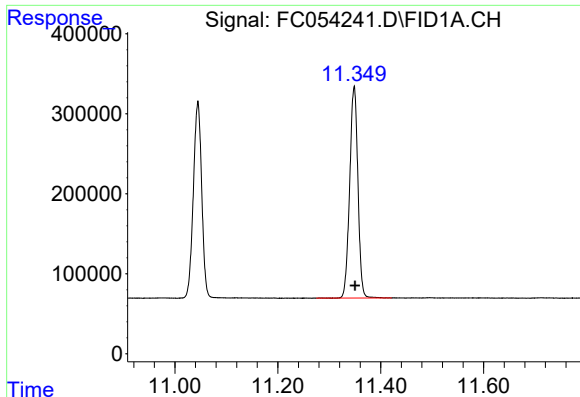
#7 n-Hexadecane (C16)

R.T.: 9.606 min
Delta R.T.: -0.003 min
Response: 2745736
Conc: 20.30 ug/ml



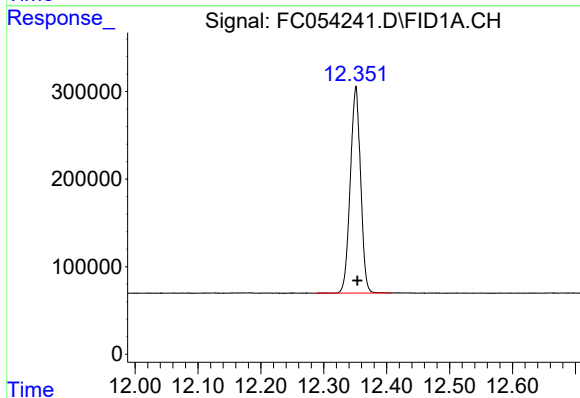
#8 n-Octadecane (C18)

R.T.: 11.044 min
Delta R.T.: -0.002 min
Response: 2763312
Conc: 19.80 ug/ml



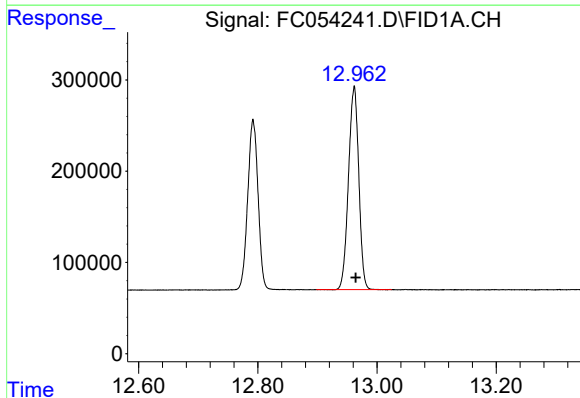
#9 ortho-Terphenyl (SURR)

R.T.: 11.348 min
Delta R.T.: -0.002 min
Response: 2932228
Conc: 19.31 ug/ml



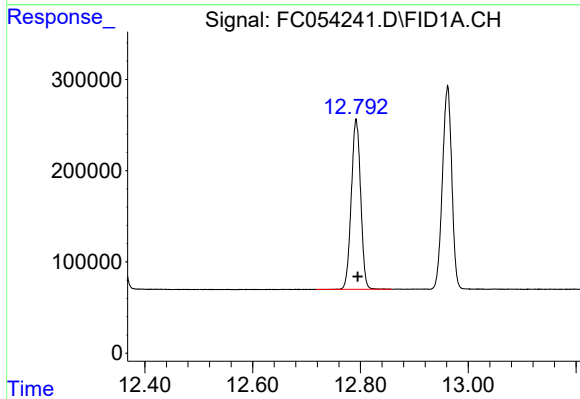
#10 n-Eicosane (C20)

R.T.: 12.351 min
Delta R.T.: -0.003 min
Response: 2685458
Conc: 19.34 ug/ml



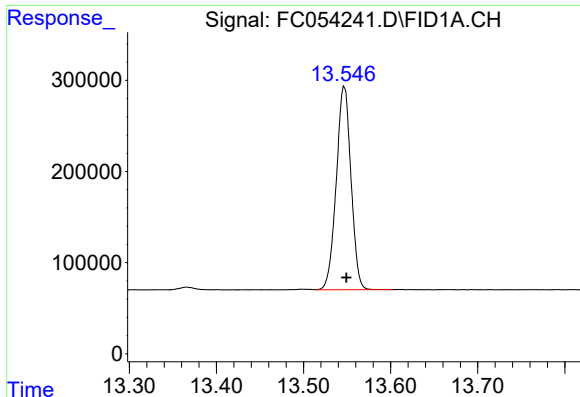
#11 n-Heneicosane (C21)

R.T.: 12.961 min
Delta R.T.: -0.003 min
Response: 2671279
Conc: 19.12 ug/ml



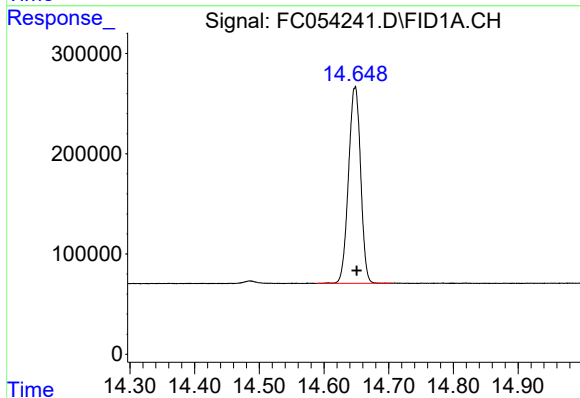
#12 1-chlorooctadecane (SURR)

R.T.: 12.792 min
Delta R.T.: -0.003 min
Response: 2246459
Conc: 19.07 ug/ml



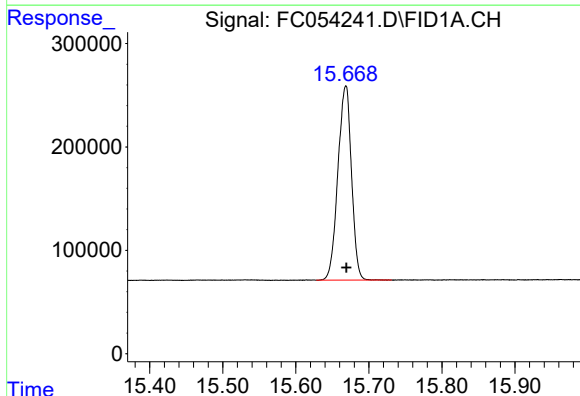
#13 n-Docosane (C22)

R.T.: 13.547 min
Delta R.T.: -0.003 min
Response: 2618501
Conc: 18.92 ug/ml



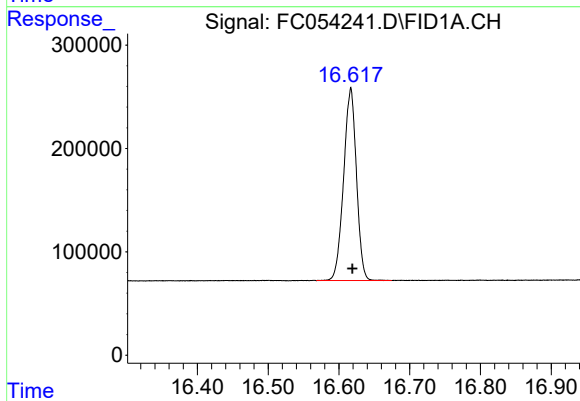
#14 n-Tetracosane (C24)

R.T.: 14.648 min
Delta R.T.: -0.003 min
Response: 2552717
Conc: 18.54 ug/ml



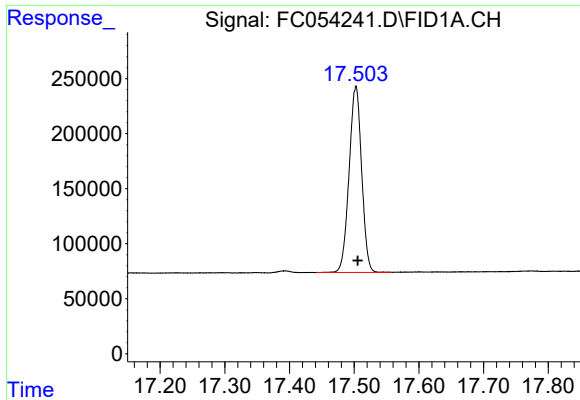
#15 n-Hexacosane (C26)

R.T.: 15.668 min
Delta R.T.: -0.001 min
Response: 2425150
Conc: 18.00 ug/ml



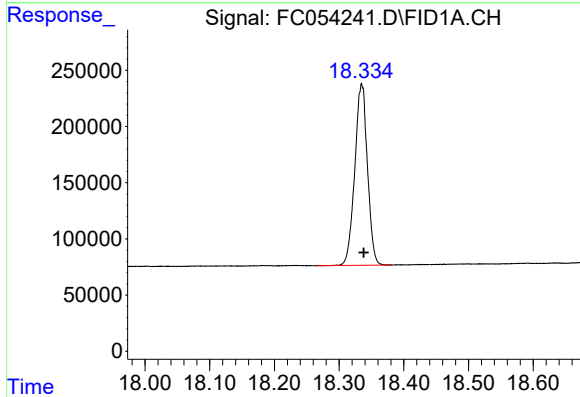
#16 n-Octacosane (C28)

R.T.: 16.617 min
Delta R.T.: -0.002 min
Response: 2343698
Conc: 17.69 ug/ml



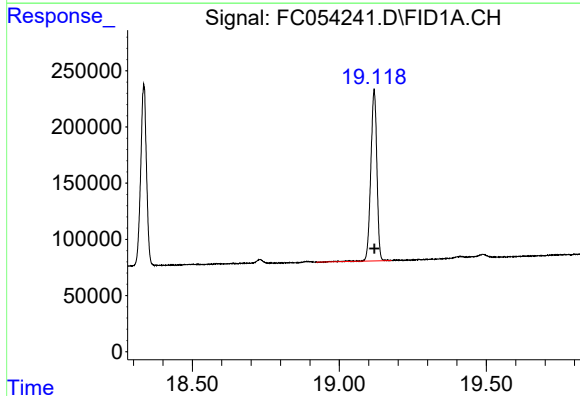
#17 n-Tricontane (C30)

R.T.: 17.502 min
Delta R.T.: -0.003 min
Response: 2277295
Conc: 17.72 ug/ml



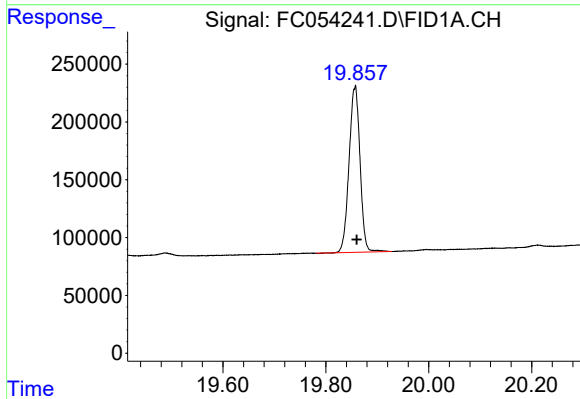
#18 n-Dotriacontane (C32)

R.T.: 18.335 min
Delta R.T.: -0.003 min
Response: 2192521
Conc: 17.82 ug/ml



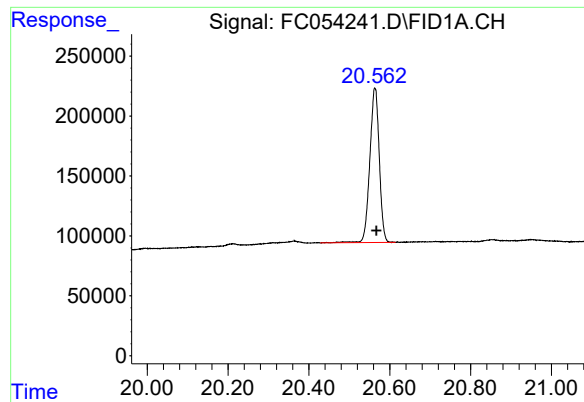
#19 n-Tetratriacontane (C34)

R.T.: 19.118 min
Delta R.T.: -0.001 min
Response: 2180580
Conc: 18.64 ug/ml



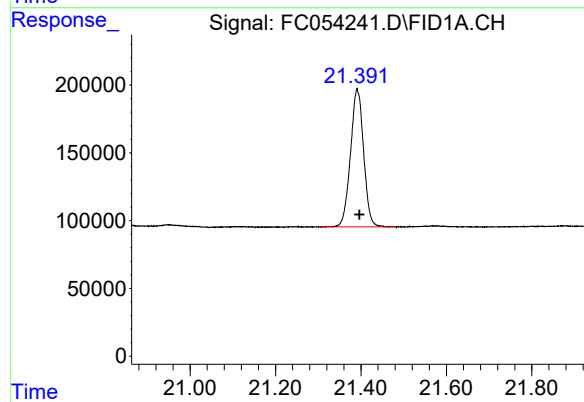
#20 n-Hexatriacontane (C36)

R.T.: 19.857 min
Delta R.T.: -0.003 min
Response: 2126707
Conc: 19.27 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.563 min
Delta R.T.: -0.004 min
Response: 2089377
Conc: 20.44 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.391 min
Delta R.T.: -0.005 min
Response: 2166514
Conc: 20.25 ug/ml