

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC091619AL\
 Data File : FC043525.D
 Signal(s) : FID1A.CH
 Acq On : 17 Sep 2019 8:56
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Sep 17 10:17:55 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 091619.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 16 12:41:51 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)	11.594	2821765	19.768 ug/ml
Spiked Amount 50.000		Recovery =	39.54%
12) S 1-chlorooctadecane (S...	13.015	2172226	19.617 ug/ml
Spiked Amount 50.000		Recovery =	39.23%
Target Compounds			
1) T n-Nonane (C9)	3.439	2443452	20.941 ug/ml
2) T n-Decane (C10)	4.493	2458824	21.107 ug/ml
3) T A~Naphthalene (C11.7)	6.071	2509817	21.456 ug/ml
4) T n-Dodecane (C12)	6.486	2536192	20.805 ug/ml
5) T A~2-methylnaphthalene...	7.116	2542132	21.502 ug/ml
6) T n-Tetradecane (C14)	8.261	2567680	20.801 ug/ml
7) T n-Hexadecane (C16)	9.845	2587163	20.630 ug/ml
8) T n-Octadecane (C18)	11.273	2611767	20.256 ug/ml
10) T n-Eicosane (C20)	12.573	2597973	19.841 ug/ml
11) T n-Heneicosane (C21)	13.179	2596939	19.604 ug/ml
13) T n-Docosane (C22)	13.761	2554171	19.462 ug/ml
14) T n-Tetracosane (C24)	14.857	2512838	19.133 ug/ml
15) T n-Hexacosane (C26)	15.870	2426111	18.824 ug/ml
16) T n-Octacosane (C28)	16.814	2327725	18.496 ug/ml
17) T n-Tricontane (C30)	17.696	2229088	18.156 ug/ml
18) T n-Dotriacontane (C32)	18.524	2101117	18.232 ug/ml
19) T n-Tetratriacontane (C34)	19.303	1987680	18.493 ug/ml
20) T n-Hexatriacontane (C36)	20.039	1929291	19.581 ug/ml
21) T n-Octatriacontane (C38)	20.765	1824217	19.827 ug/ml
22) T n-Tetracontane (C40)	21.652	1897358	20.233 ug/ml

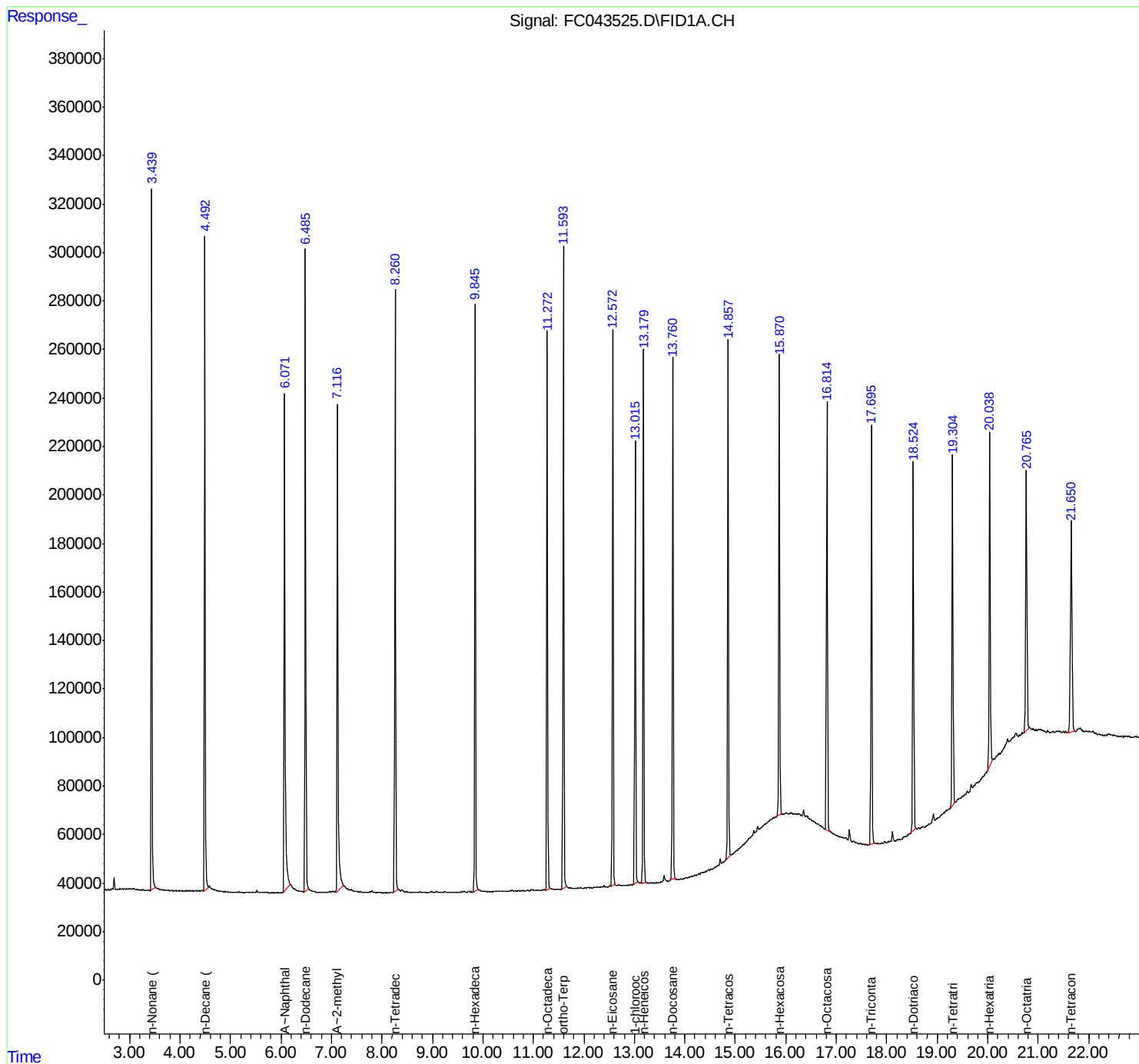
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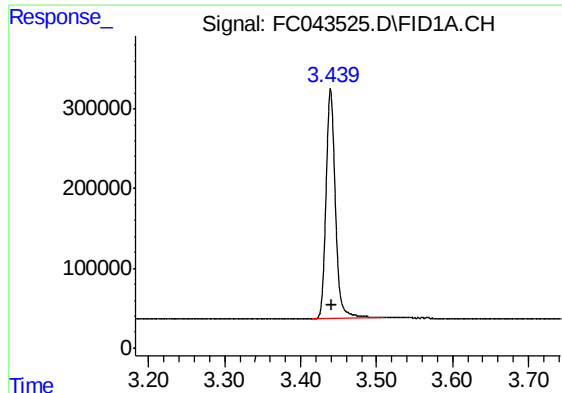
(m)=manual int.

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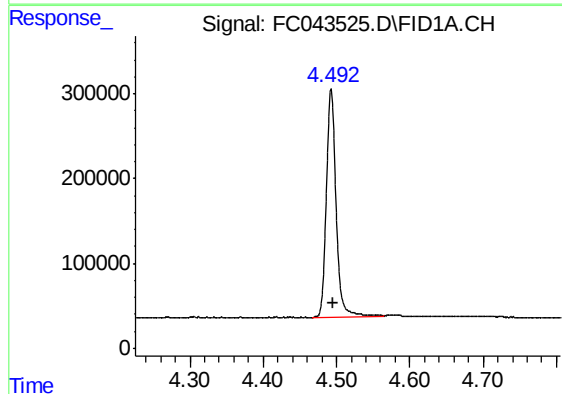
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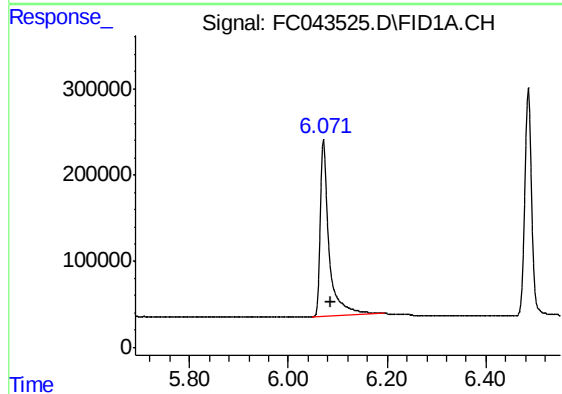
#1 n-Nonane (C9)

R.T.: 3.439 min
Delta R.T.: -0.003 min
Response: 2443452
Conc: 20.94 ug/ml



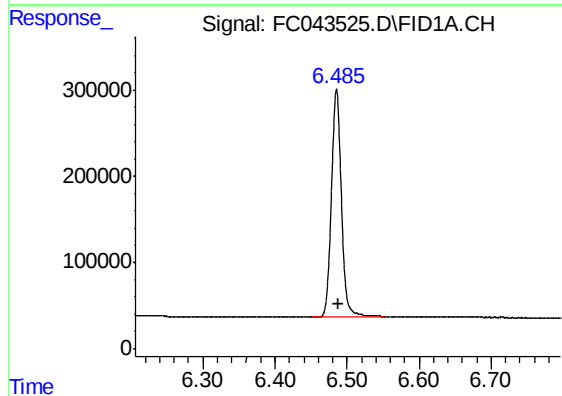
#2 n-Decane (C10)

R.T.: 4.493 min
Delta R.T.: -0.003 min
Response: 2458824
Conc: 21.11 ug/ml



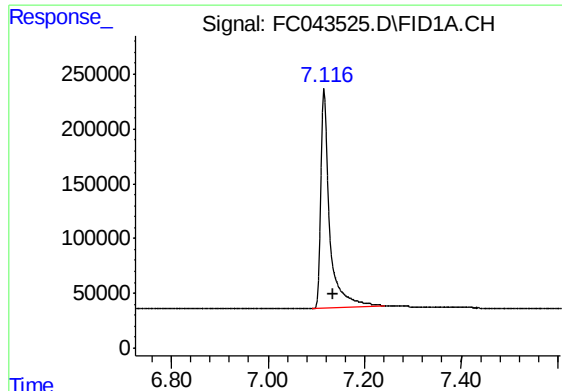
#3 A~Naphthalene (C11.7)

R.T.: 6.071 min
Delta R.T.: -0.015 min
Response: 2509817
Conc: 21.46 ug/ml



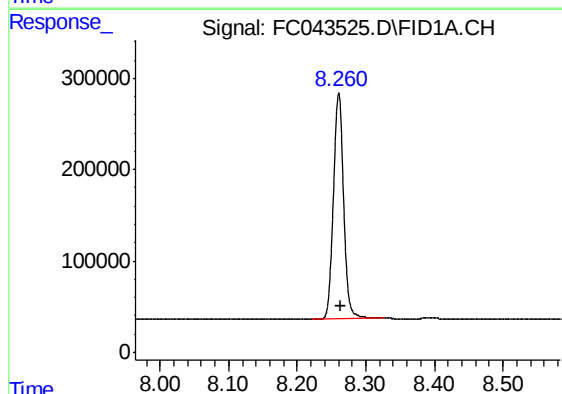
#4 n-Dodecane (C12)

R.T.: 6.486 min
Delta R.T.: -0.002 min
Response: 2536192
Conc: 20.80 ug/ml



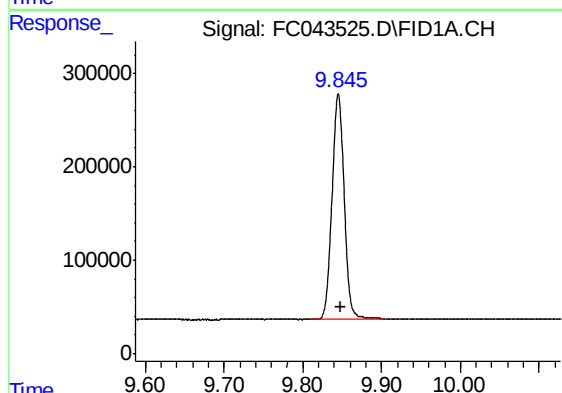
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.116 min
Delta R.T.: -0.018 min
Response: 2542132
Conc: 21.50 ug/ml



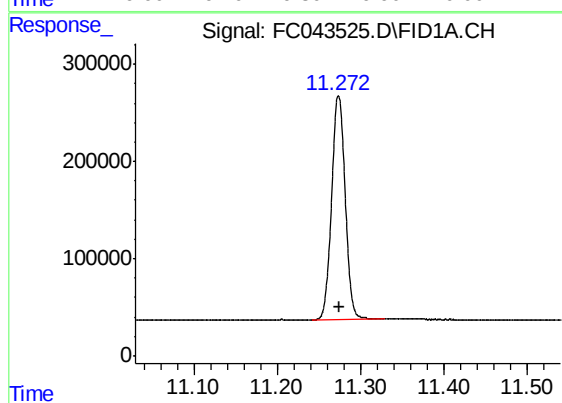
#6 n-Tetradecane (C14)

R.T.: 8.261 min
Delta R.T.: -0.002 min
Response: 2567680
Conc: 20.80 ug/ml



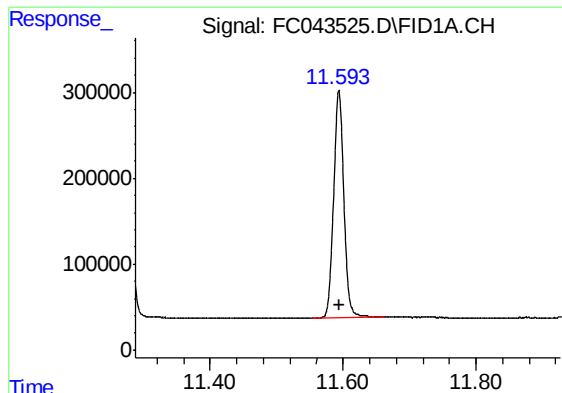
#7 n-Hexadecane (C16)

R.T.: 9.845 min
Delta R.T.: -0.002 min
Response: 2587163
Conc: 20.63 ug/ml



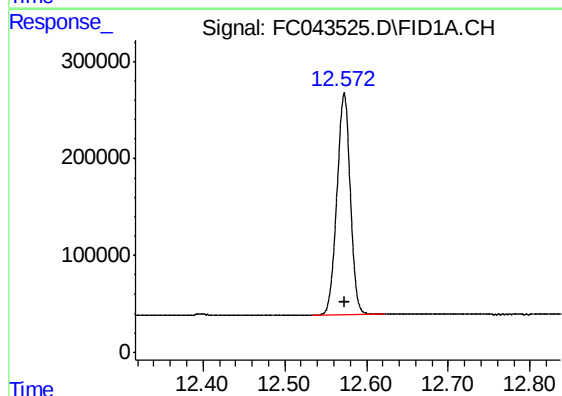
#8 n-Octadecane (C18)

R.T.: 11.273 min
Delta R.T.: -0.001 min
Response: 2611767
Conc: 20.26 ug/ml



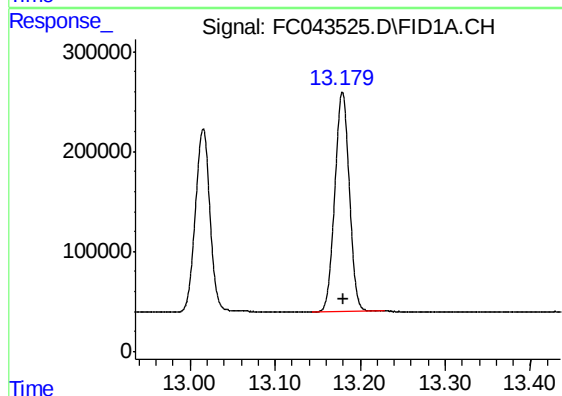
#9 ortho-Terphenyl (SURR)

R.T.: 11.594 min
Delta R.T.: -0.002 min
Response: 2821765
Conc: 19.77 ug/ml



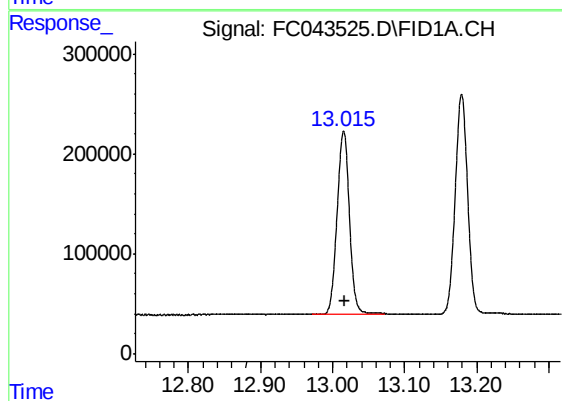
#10 n-Eicosane (C20)

R.T.: 12.573 min
Delta R.T.: 0.000 min
Response: 2597973
Conc: 19.84 ug/ml



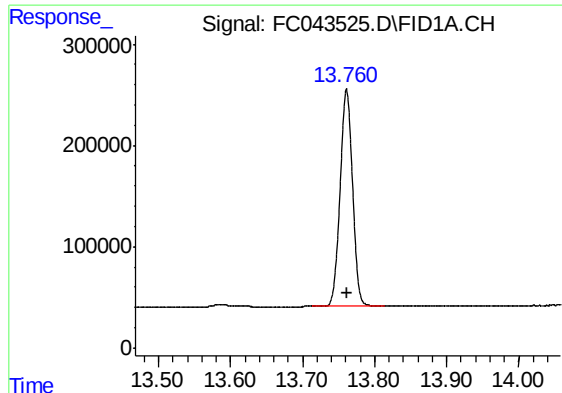
#11 n-Heneicosane (C21)

R.T.: 13.179 min
Delta R.T.: 0.000 min
Response: 2596939
Conc: 19.60 ug/ml



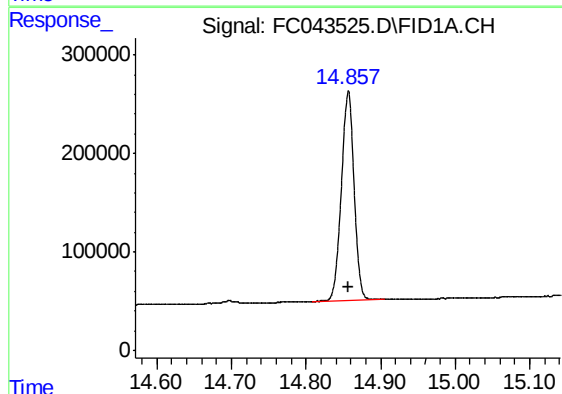
#12 1-chlorooctadecane (SURR)

R.T.: 13.015 min
Delta R.T.: -0.002 min
Response: 2172226
Conc: 19.62 ug/ml



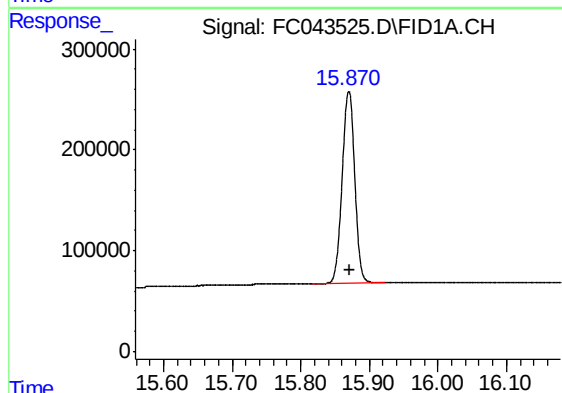
#13 n-Docosane (C22)

R.T.: 13.761 min
Delta R.T.: 0.000 min
Response: 2554171
Conc: 19.46 ug/ml



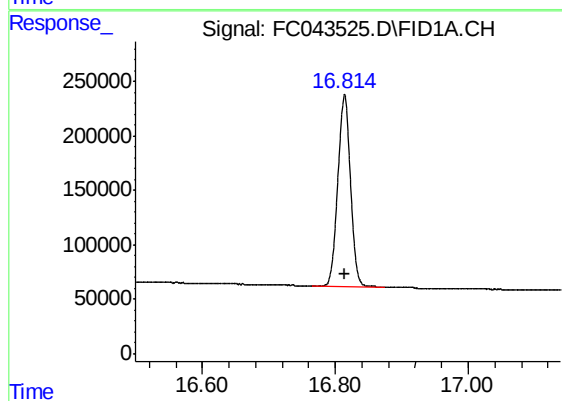
#14 n-Tetracosane (C24)

R.T.: 14.857 min
Delta R.T.: 0.000 min
Response: 2512838
Conc: 19.13 ug/ml



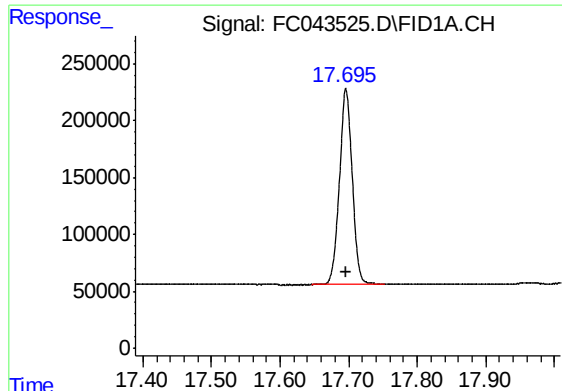
#15 n-Hexacosane (C26)

R.T.: 15.870 min
Delta R.T.: -0.001 min
Response: 2426111
Conc: 18.82 ug/ml



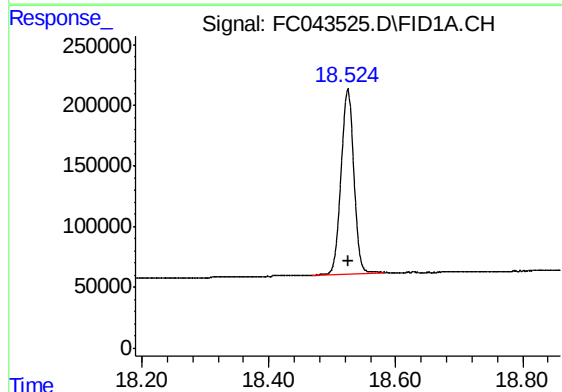
#16 n-Octacosane (C28)

R.T.: 16.814 min
Delta R.T.: 0.000 min
Response: 2327725
Conc: 18.50 ug/ml



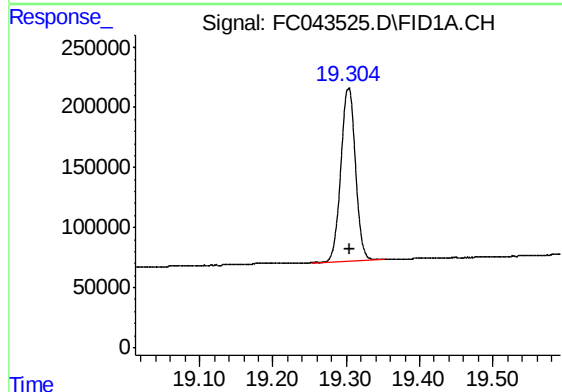
#17 n-Tricontane (C30)

R.T.: 17.696 min
Delta R.T.: 0.000 min
Response: 2229088
Conc: 18.16 ug/ml



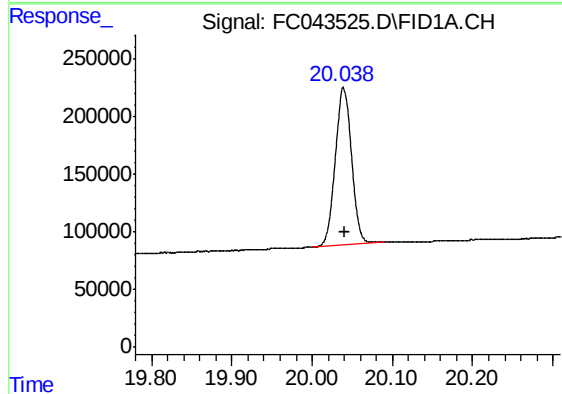
#18 n-Dotriacontane (C32)

R.T.: 18.524 min
Delta R.T.: 0.000 min
Response: 2101117
Conc: 18.23 ug/ml



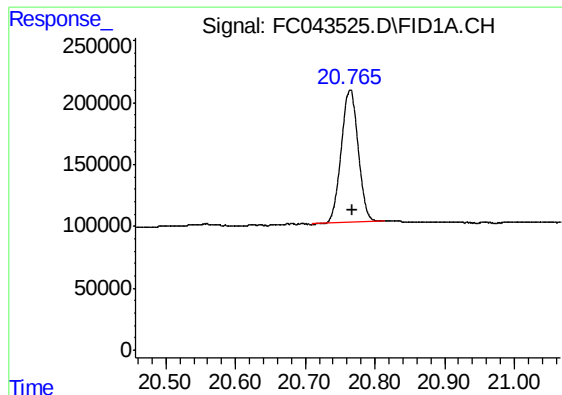
#19 n-Tetatriacontane (C34)

R.T.: 19.303 min
Delta R.T.: -0.002 min
Response: 1987680
Conc: 18.49 ug/ml



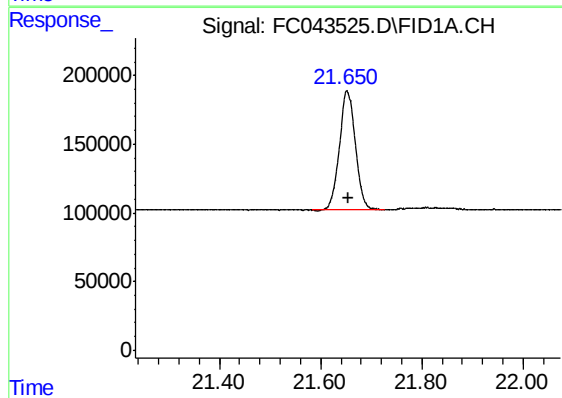
#20 n-Hexatriacontane (C36)

R.T.: 20.039 min
Delta R.T.: -0.001 min
Response: 1929291
Conc: 19.58 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.765 min
Delta R.T.: -0.002 min
Response: 1824217
Conc: 19.83 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.652 min
Delta R.T.: -0.004 min
Response: 1897358
Conc: 20.23 ug/ml