

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC073021AL\
 Data File : FC054921.D
 Signal(s) : FID1A.CH
 Acq On : 30 Jul 2021 11:43
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 30 13:08:45 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 072121.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 21 03:37:32 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)	11.315	2855650	20.530 ug/ml
Spiked Amount 50.000		Recovery =	41.06%
12) S 1-chlorooctadecane (S...	12.760	2233653	20.093 ug/ml
Spiked Amount 50.000		Recovery =	40.19%
Target Compounds			
1) T n-Nonane (C9)	3.133	2511574	21.889 ug/ml
2) T n-Decane (C10)	4.185	2600645	22.378 ug/ml
3) T A~Naphthalene (C11.7)	5.753	2741380	22.784 ug/ml
4) T n-Dodecane (C12)	6.191	2686997	22.481 ug/ml
5) T A~2-methylnaphthalene...	6.805	2792098	22.862 ug/ml
6) T n-Tetradecane (C14)	7.978	2739146	22.266 ug/ml
7) T n-Hexadecane (C16)	9.574	2751352	21.825 ug/ml
8) T n-Octadecane (C18)	11.012	2776296	21.181 ug/ml
10) T n-Eicosane (C20)	12.318	2704404	20.525 ug/ml
11) T n-Heneicosane (C21)	12.929	2687464	20.179 ug/ml
13) T n-Docosane (C22)	13.514	2676648	20.212 ug/ml
14) T n-Tetracosane (C24)	14.615	2555051	19.380 ug/ml
15) T n-Hexacosane (C26)	15.635	2462891	19.148 ug/ml
16) T n-Octacosane (C28)	16.585	2410023	18.299 ug/ml
17) T n-Tricontane (C30)	17.472	2336422	16.418 ug/ml
18) T n-Dotriacontane (C32)	18.306	2245825	18.147 ug/ml
19) T n-Tetratriacontane (C34)	19.089	2256356	22.036 ug/ml
20) T n-Hexatriacontane (C36)	19.827	2209573	23.331 ug/ml
21) T n-Octatriacontane (C38)	20.534	2105990	22.618 ug/mlm
22) T n-Tetracontane (C40)	21.352	2384423	24.567 ug/mlm

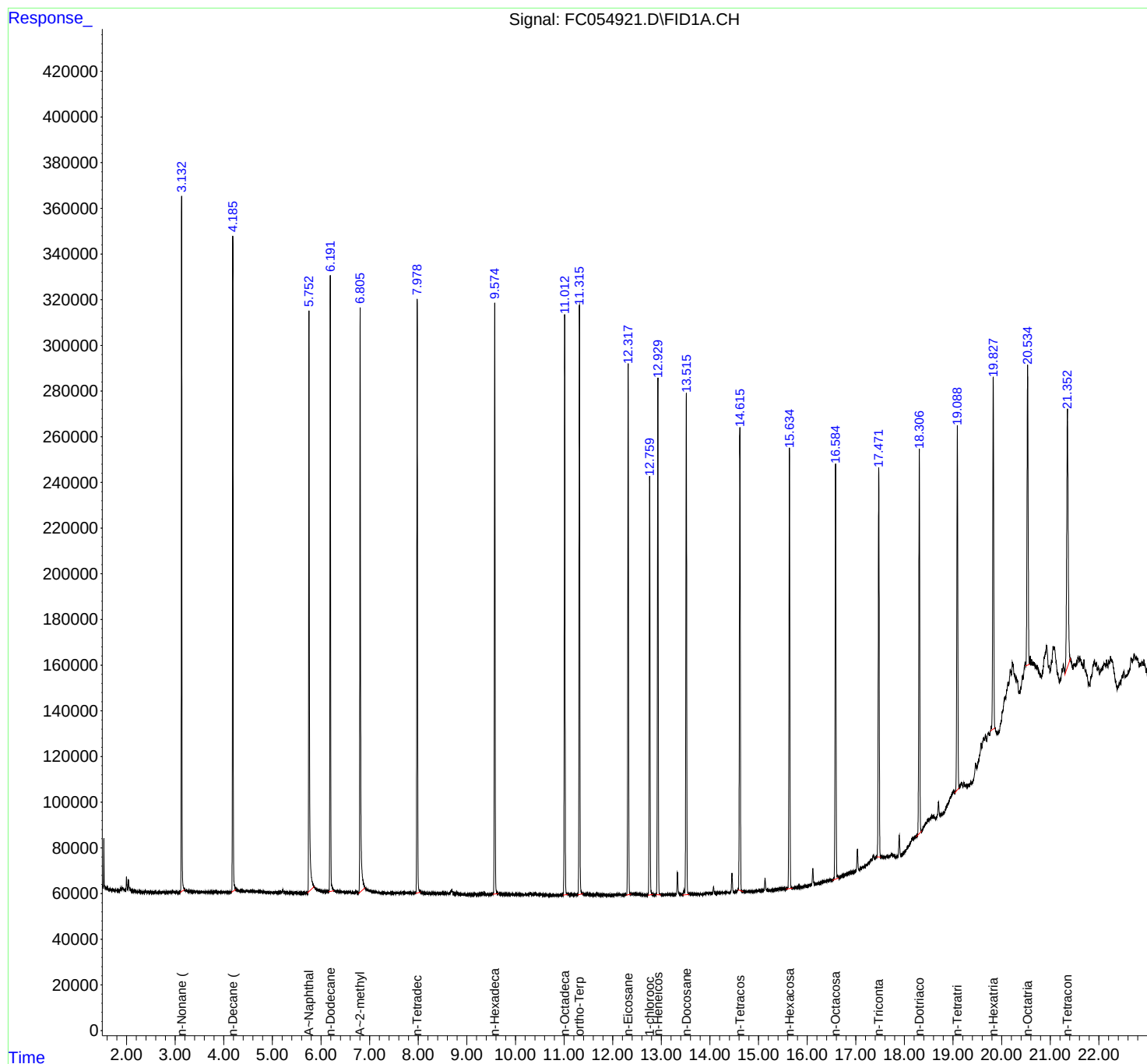
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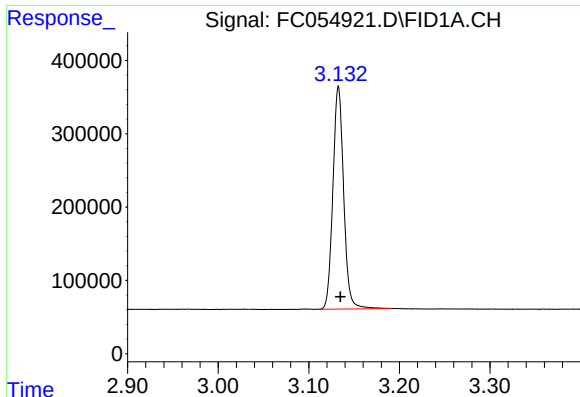
(m)=manual int.

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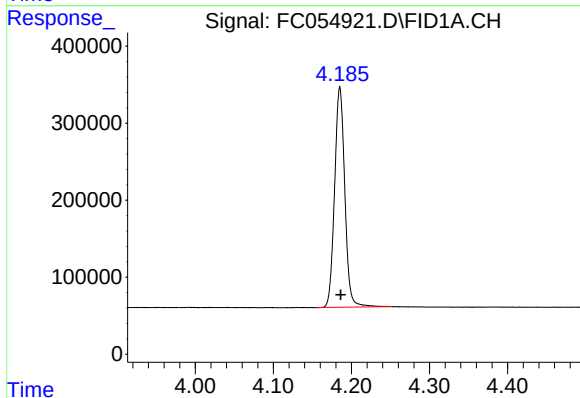
Volume Inj. : 1 ul
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Signal Info : 20M x 0.18mm x 0.18um





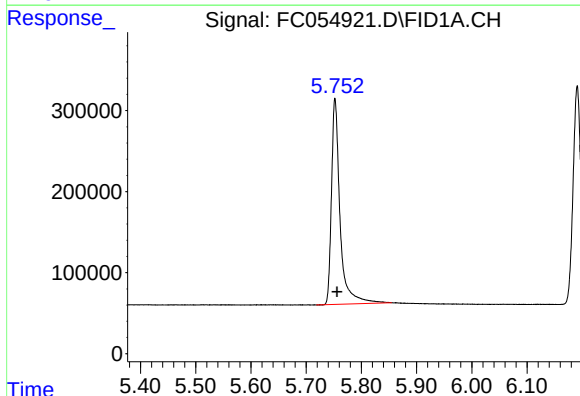
#1 n-Nonane (C9)

R.T.: 3.133 min
Delta R.T.: -0.002 min
Response: 2511574
Conc: 21.89 ug/ml



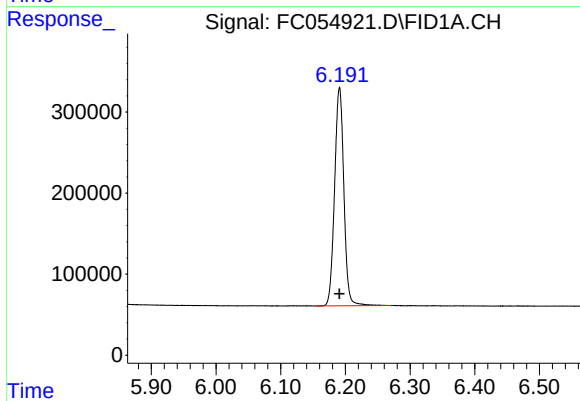
#2 n-Decane (C10)

R.T.: 4.185 min
Delta R.T.: 0.000 min
Response: 2600645
Conc: 22.38 ug/ml



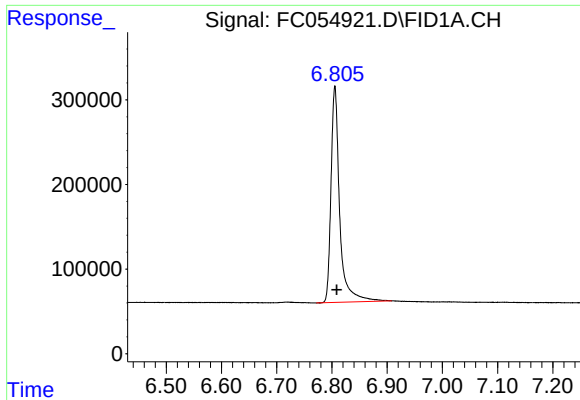
#3 A~Naphthalene (C11.7)

R.T.: 5.753 min
Delta R.T.: -0.003 min
Response: 2741380
Conc: 22.78 ug/ml



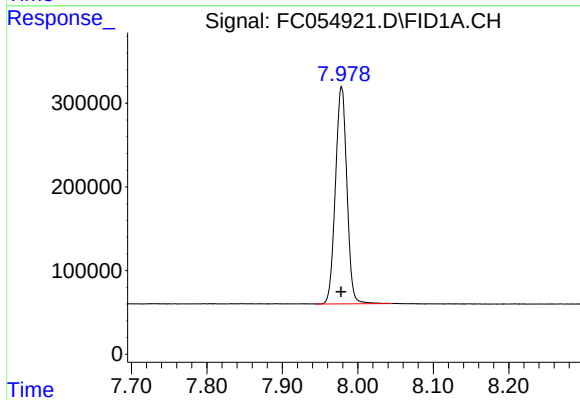
#4 n-Dodecane (C12)

R.T.: 6.191 min
Delta R.T.: 0.000 min
Response: 2686997
Conc: 22.48 ug/ml



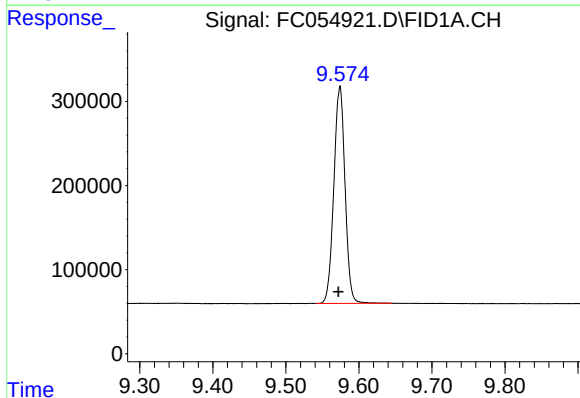
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.805 min
Delta R.T.: -0.003 min
Response: 2792098
Conc: 22.86 ug/ml



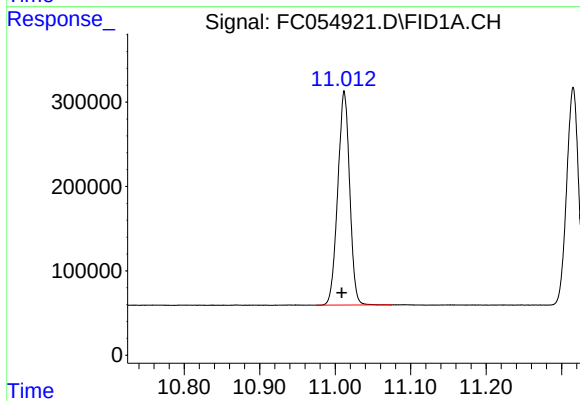
#6 n-Tetradecane (C14)

R.T.: 7.978 min
Delta R.T.: 0.000 min
Response: 2739146
Conc: 22.27 ug/ml



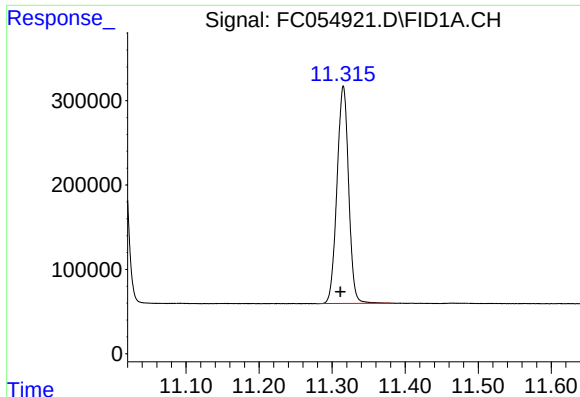
#7 n-Hexadecane (C16)

R.T.: 9.574 min
Delta R.T.: 0.002 min
Response: 2751352
Conc: 21.82 ug/ml



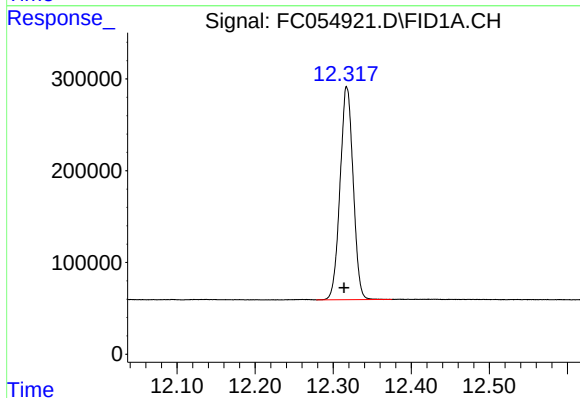
#8 n-Octadecane (C18)

R.T.: 11.012 min
Delta R.T.: 0.003 min
Response: 2776296
Conc: 21.18 ug/ml



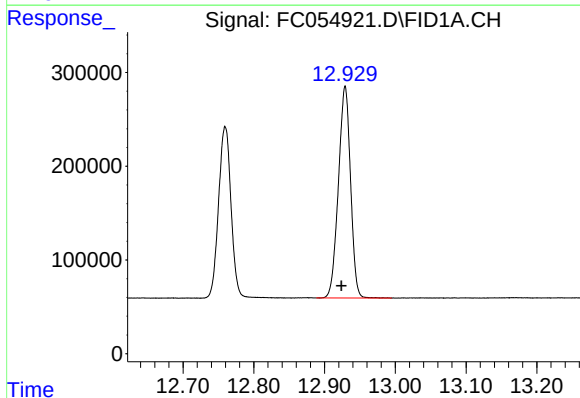
#9 ortho-Terphenyl (SURR)

R.T.: 11.315 min
Delta R.T.: 0.004 min
Response: 2855650
Conc: 20.53 ug/ml



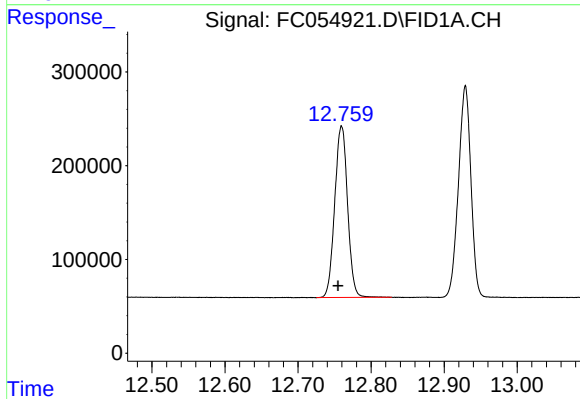
#10 n-Eicosane (C20)

R.T.: 12.318 min
Delta R.T.: 0.004 min
Response: 2704404
Conc: 20.52 ug/ml



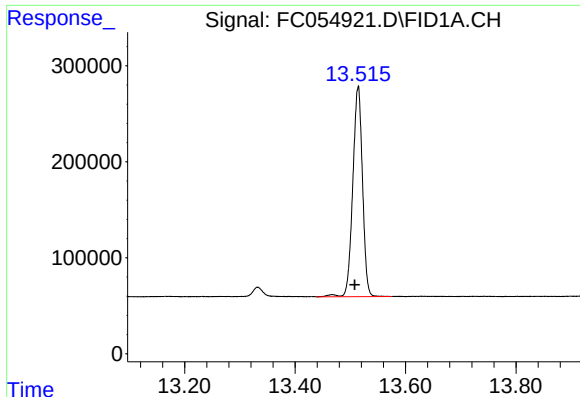
#11 n-Heneicosane (C21)

R.T.: 12.929 min
Delta R.T.: 0.005 min
Response: 2687464
Conc: 20.18 ug/ml



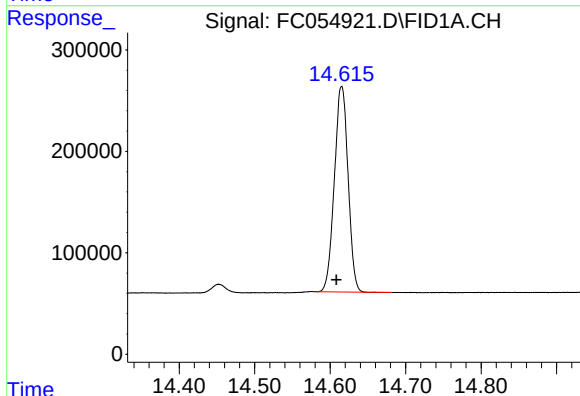
#12 1-chlorooctadecane (SURR)

R.T.: 12.760 min
Delta R.T.: 0.005 min
Response: 2233653
Conc: 20.09 ug/ml



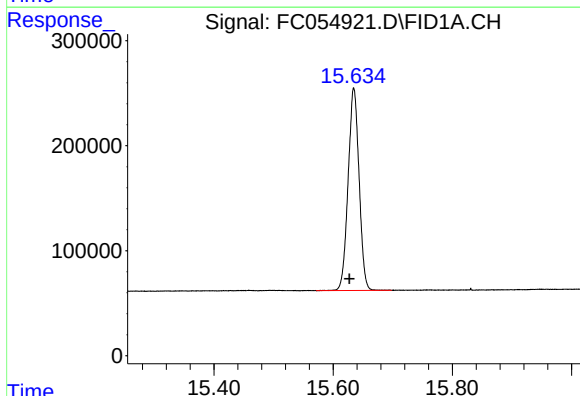
#13 n-Docosane (C22)

R.T.: 13.514 min
Delta R.T.: 0.006 min
Response: 2676648
Conc: 20.21 ug/ml



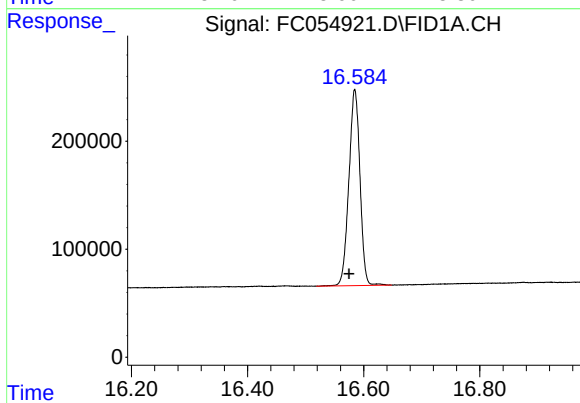
#14 n-Tetracosane (C24)

R.T.: 14.615 min
Delta R.T.: 0.007 min
Response: 2555051
Conc: 19.38 ug/ml



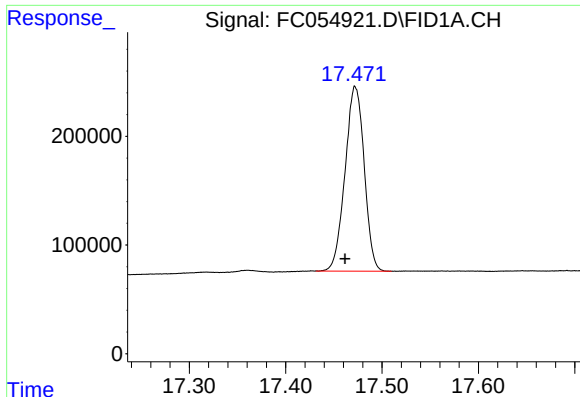
#15 n-Hexacosane (C26)

R.T.: 15.635 min
Delta R.T.: 0.008 min
Response: 2462891
Conc: 19.15 ug/ml



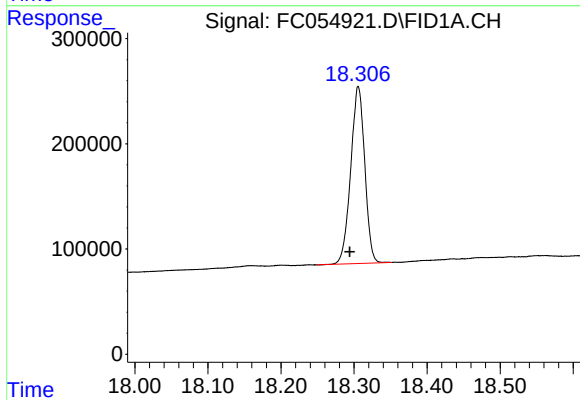
#16 n-Octacosane (C28)

R.T.: 16.585 min
Delta R.T.: 0.010 min
Response: 2410023
Conc: 18.30 ug/ml



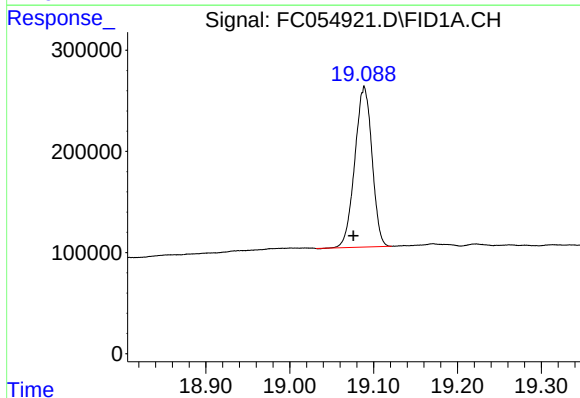
#17 n-Tricontane (C30)

R.T.: 17.472 min
Delta R.T.: 0.011 min
Response: 2336422
Conc: 16.42 ug/ml



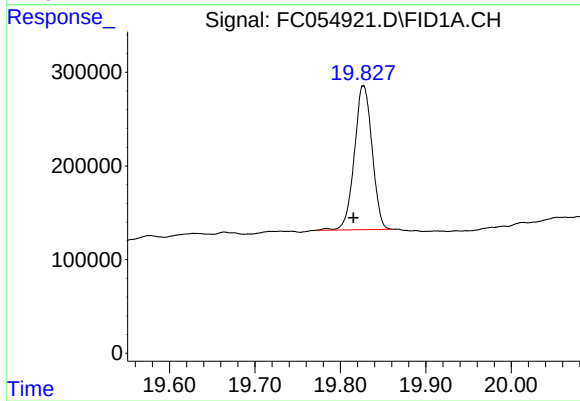
#18 n-Dotriacontane (C32)

R.T.: 18.306 min
Delta R.T.: 0.012 min
Response: 2245825
Conc: 18.15 ug/ml



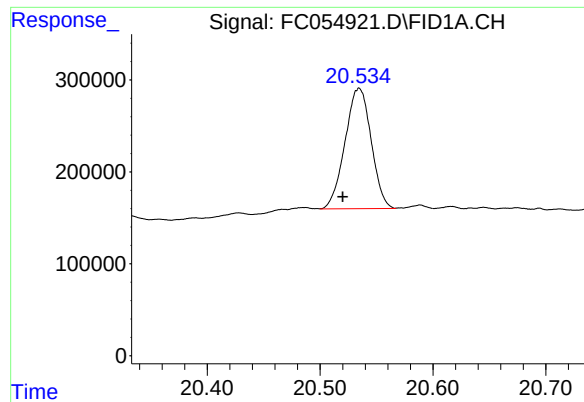
#19 n-Tetratriacontane (C34)

R.T.: 19.089 min
Delta R.T.: 0.013 min
Response: 2256356
Conc: 22.04 ug/ml



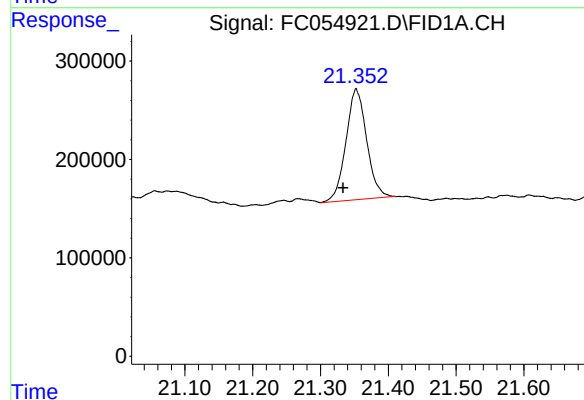
#20 n-Hexatriacontane (C36)

R.T.: 19.827 min
Delta R.T.: 0.012 min
Response: 2209573
Conc: 23.33 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.534 min
Delta R.T.: 0.014 min
Response: 2105990
Conc: 22.62 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.352 min
Delta R.T.: 0.019 min
Response: 2384423
Conc: 24.57 ug/ml m