

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC091321AL\
 Data File : FC055624.D
 Signal(s) : FID1A.CH
 Acq On : 14 Sep 2021 11:52
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 15 01:10:53 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 083021.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 31 01:45:39 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)	11.658	2235937	17.898 ug/ml
Spiked Amount 50.000		Recovery =	35.80%
12) S 1-chlorooctadecane (S...	13.092	1704320	17.221 ug/ml
Spiked Amount 50.000		Recovery =	34.44%
Target Compounds			
1) T n-Nonane (C9)	3.402	2404671	22.246 ug/ml
2) T n-Decane (C10)	4.471	2430616	22.291 ug/ml
3) T A~Naphthalene (C11.7)	6.065	2661148	21.596 ug/ml
4) T n-Dodecane (C12)	6.494	2409014	22.001 ug/ml
5) T A~2-methylnaphthalene...	7.124	2633814	21.164 ug/ml
6) T n-Tetradecane (C14)	8.291	2364285	21.228 ug/ml
7) T n-Hexadecane (C16)	9.893	2278554	20.162 ug/ml
8) T n-Octadecane (C18)	11.336	2209963	18.981 ug/ml
10) T n-Eicosane (C20)	12.646	2072448	17.736 ug/ml
11) T n-Heneicosane (C21)	13.259	2037765	17.314 ug/ml
13) T n-Docosane (C22)	13.844	1966069	16.854 ug/ml
14) T n-Tetracosane (C24)	14.947	1900757	16.321 ug/ml
15) T n-Hexacosane (C26)	15.966	1832476	16.176 ug/ml
16) T n-Octacosane (C28)	16.916	1816895	16.419 ug/ml
17) T n-Tricontane (C30)	17.802	1821818	17.133 ug/ml
18) T n-Dotriacontane (C32)	18.635	1968954	19.646 ug/ml
19) T n-Tetratriacontane (C34)	19.417	1701530	18.029 ug/ml
20) T n-Hexatriacontane (C36)	20.155	5437546	62.626 ug/ml
21) T n-Octatriacontane (C38)	20.902	2589328	31.767 ug/ml
22) T n-Tetracontane (C40)	21.838	1930573	24.037 ug/ml

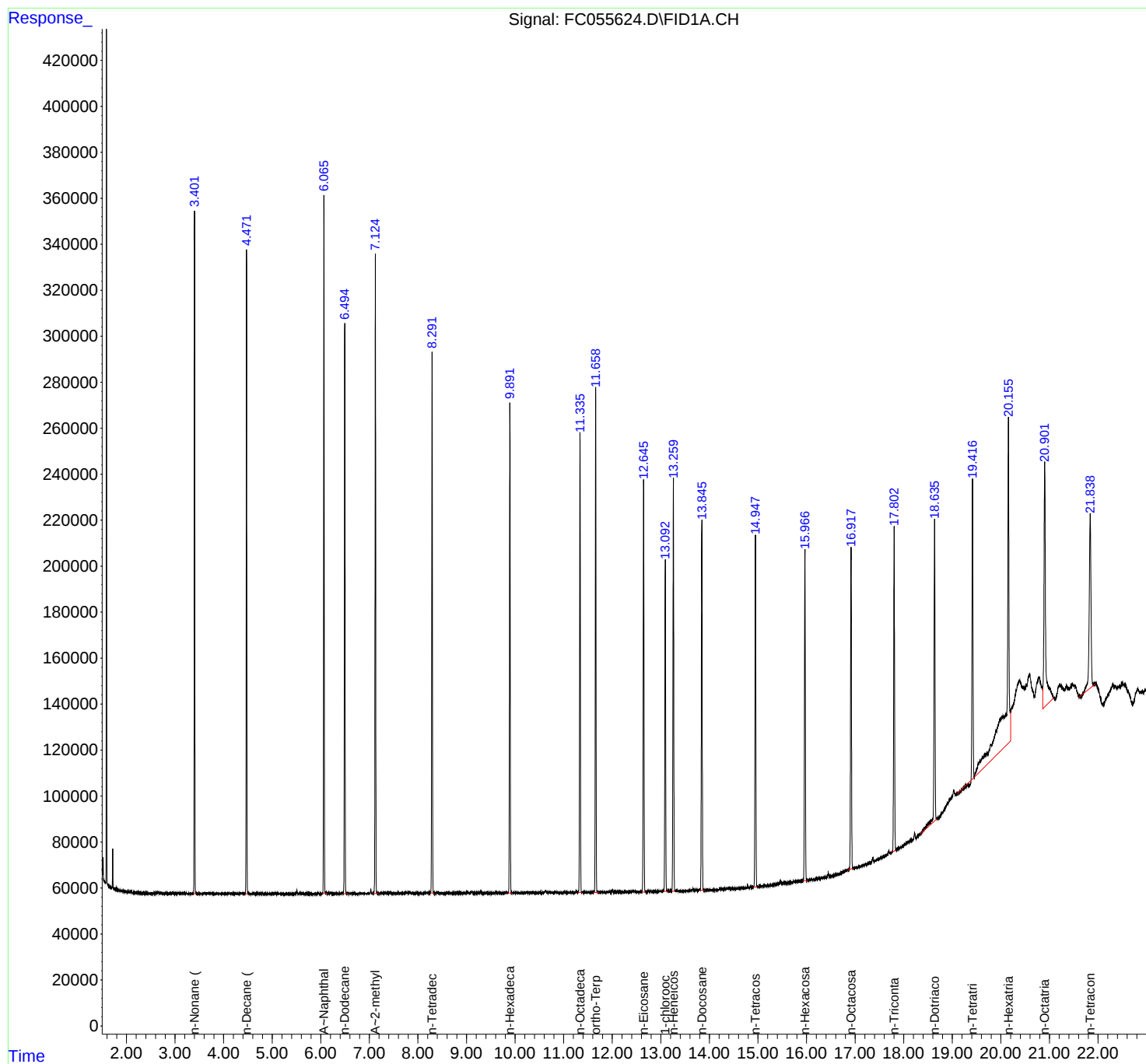
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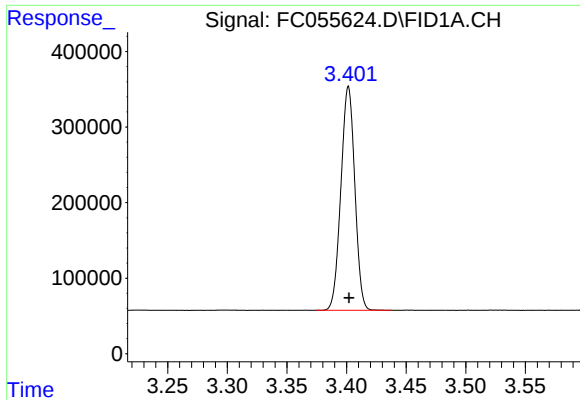
(m)=manual int.

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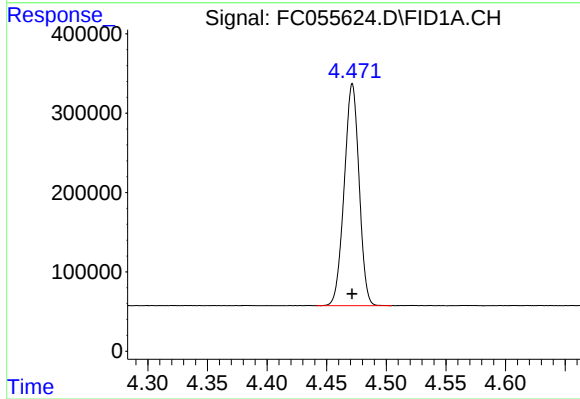
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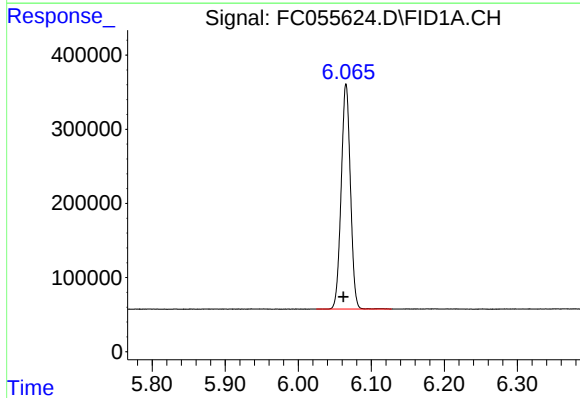
#1 n-Nonane (C9)

R.T.: 3.402 min
Delta R.T.: 0.000 min
Response: 2404671
Conc: 22.25 ug/ml



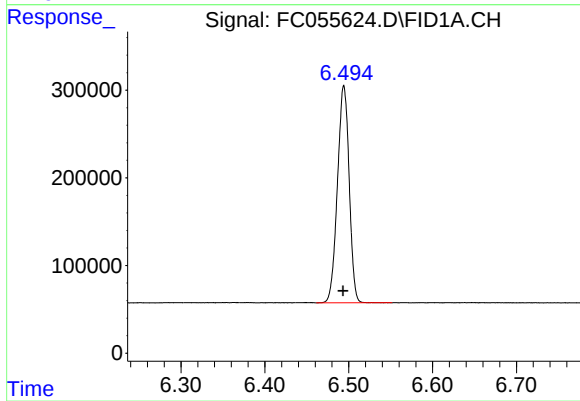
#2 n-Decane (C10)

R.T.: 4.471 min
Delta R.T.: 0.000 min
Response: 2430616
Conc: 22.29 ug/ml



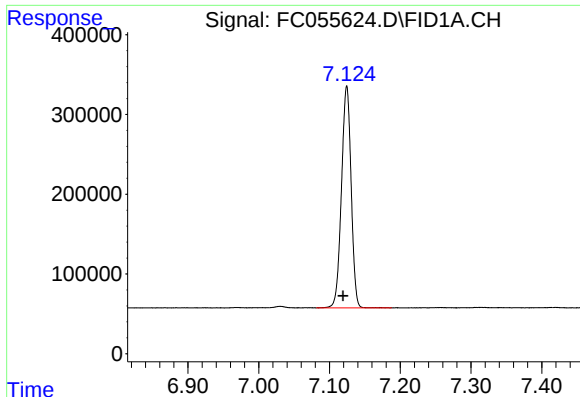
#3 A~Naphthalene (C11.7)

R.T.: 6.065 min
Delta R.T.: 0.003 min
Response: 2661148
Conc: 21.60 ug/ml



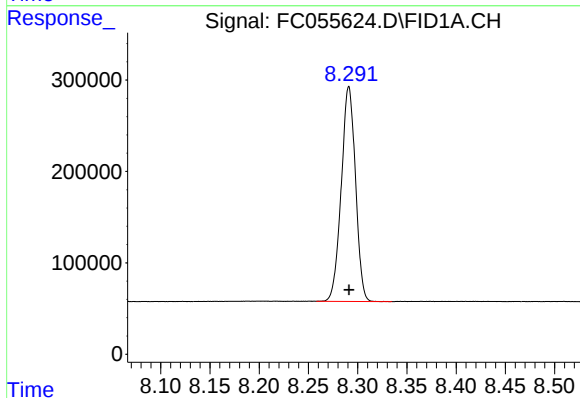
#4 n-Dodecane (C12)

R.T.: 6.494 min
Delta R.T.: 0.001 min
Response: 2409014
Conc: 22.00 ug/ml



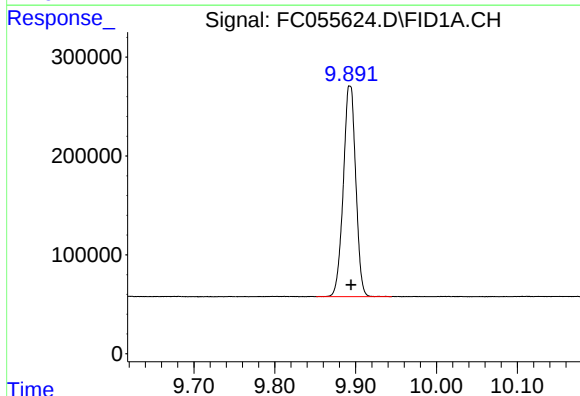
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.124 min
Delta R.T.: 0.005 min
Response: 2633814
Conc: 21.16 ug/ml



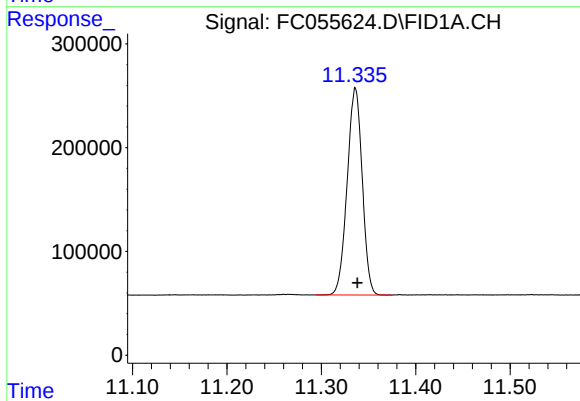
#6 n-Tetradecane (C14)

R.T.: 8.291 min
Delta R.T.: 0.000 min
Response: 2364285
Conc: 21.23 ug/ml



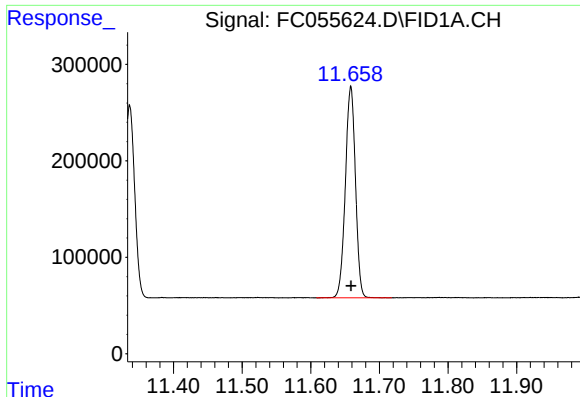
#7 n-Hexadecane (C16)

R.T.: 9.893 min
Delta R.T.: -0.001 min
Response: 2278554
Conc: 20.16 ug/ml



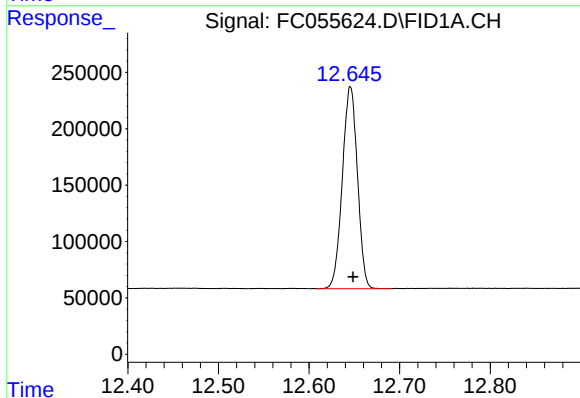
#8 n-Octadecane (C18)

R.T.: 11.336 min
Delta R.T.: -0.002 min
Response: 2209963
Conc: 18.98 ug/ml



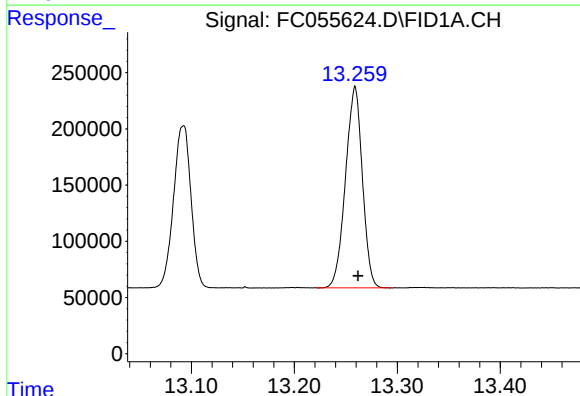
#9 ortho-Terphenyl (SURR)

R.T.: 11.658 min
Delta R.T.: 0.000 min
Response: 2235937
Conc: 17.90 ug/ml



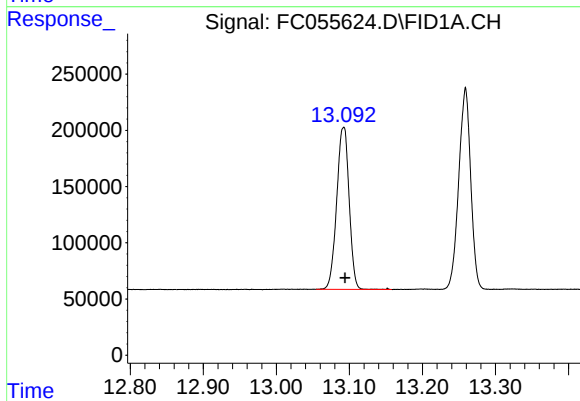
#10 n-Eicosane (C20)

R.T.: 12.646 min
Delta R.T.: -0.003 min
Response: 2072448
Conc: 17.74 ug/ml



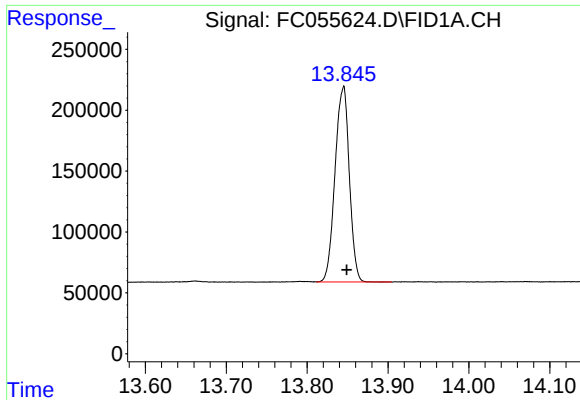
#11 n-Heneicosane (C21)

R.T.: 13.259 min
Delta R.T.: -0.003 min
Response: 2037765
Conc: 17.31 ug/ml



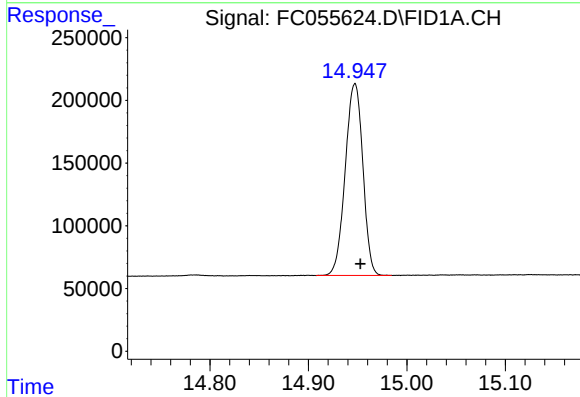
#12 1-chlorooctadecane (SURR)

R.T.: 13.092 min
Delta R.T.: -0.002 min
Response: 1704320
Conc: 17.22 ug/ml



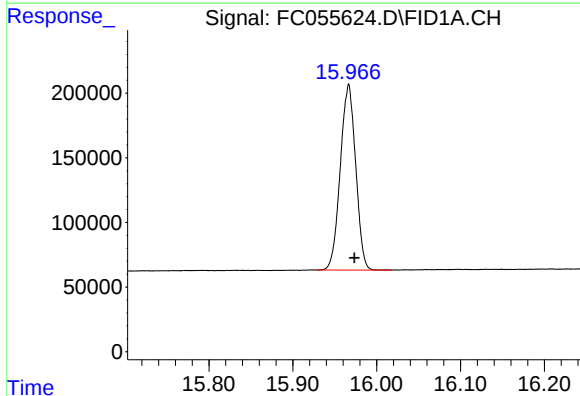
#13 n-Docosane (C22)

R.T.: 13.844 min
Delta R.T.: -0.005 min
Response: 1966069
Conc: 16.85 ug/ml



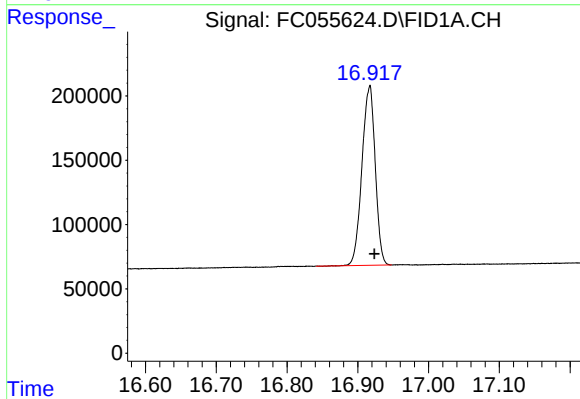
#14 n-Tetracosane (C24)

R.T.: 14.947 min
Delta R.T.: -0.006 min
Response: 1900757
Conc: 16.32 ug/ml



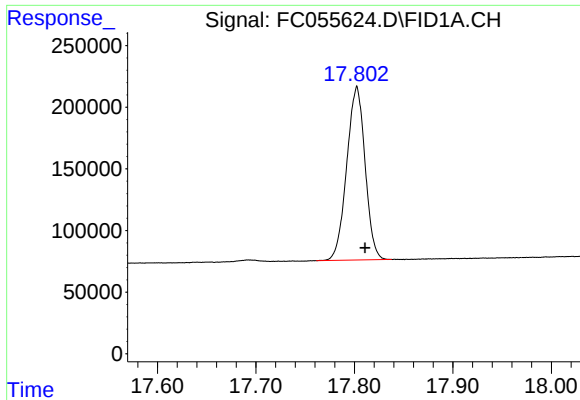
#15 n-Hexacosane (C26)

R.T.: 15.966 min
Delta R.T.: -0.007 min
Response: 1832476
Conc: 16.18 ug/ml



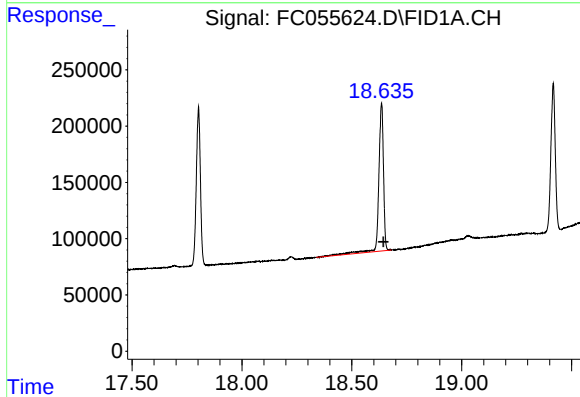
#16 n-Octacosane (C28)

R.T.: 16.916 min
Delta R.T.: -0.007 min
Response: 1816895
Conc: 16.42 ug/ml



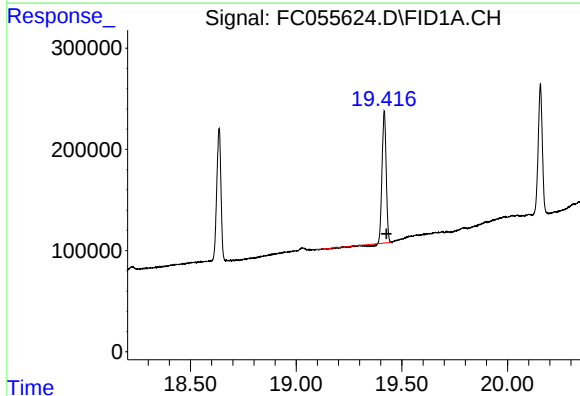
#17 n-Tricontane (C30)

R.T.: 17.802 min
Delta R.T.: -0.009 min
Response: 1821818
Conc: 17.13 ug/ml



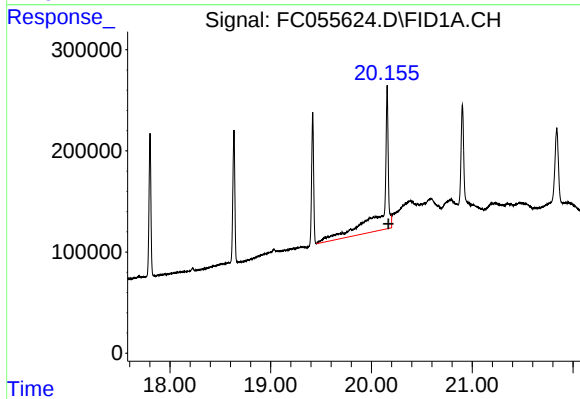
#18 n-Dotriacontane (C32)

R.T.: 18.635 min
Delta R.T.: -0.009 min
Response: 1968954
Conc: 19.65 ug/ml



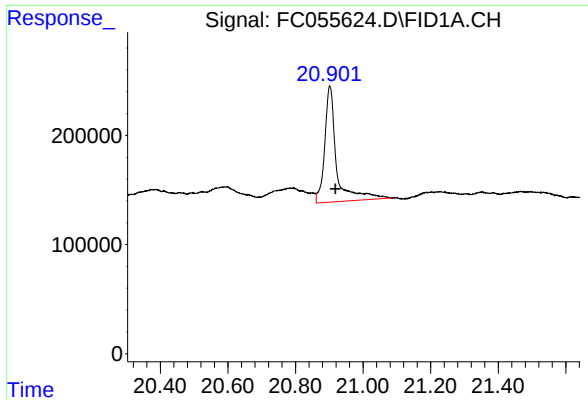
#19 n-Tetratriacontane (C34)

R.T.: 19.417 min
Delta R.T.: -0.011 min
Response: 1701530
Conc: 18.03 ug/ml



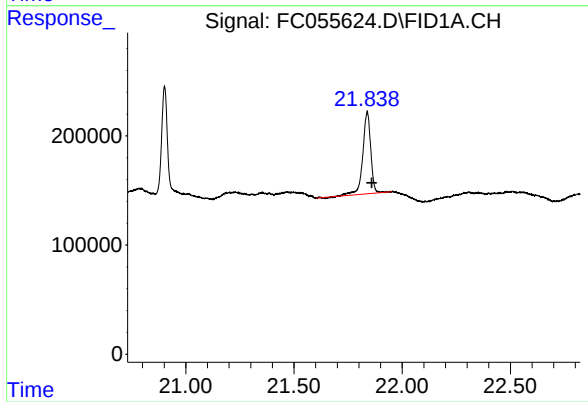
#20 n-Hexatriacontane (C36)

R.T.: 20.155 min
Delta R.T.: -0.012 min
Response: 5437546
Conc: 62.63 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.902 min
Delta R.T.: -0.016 min
Response: 2589328
Conc: 31.77 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.838 min
Delta R.T.: -0.021 min
Response: 1930573
Conc: 24.04 ug/ml