

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC071921AL\
 Data File : FC054739.D
 Signal(s) : FID1A.CH
 Acq On : 19 Jul 2021 15:23
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 20 02:05:22 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 062521.M
 Quant Title : GC Extractables
 QLast Update : Sat Jun 26 02:10:35 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)	11.310	2812301	19.865 ug/ml
Spiked Amount 50.000		Recovery =	39.73%
12) S 1-chlorooctadecane (S...	12.754	2182130	19.575 ug/ml
Spiked Amount 50.000		Recovery =	39.15%
Target Compounds			
1) T n-Nonane (C9)	3.133	2454326	20.871 ug/ml
2) T n-Decane (C10)	4.186	2495399	21.015 ug/ml
3) T A~Naphthalene (C11.7)	5.749	2686059	20.431 ug/ml
4) T n-Dodecane (C12)	6.190	2557002	21.334 ug/ml
5) T A~2-methylnaphthalene...	6.801	2683672	20.328 ug/ml
6) T n-Tetradecane (C14)	7.976	2593868	21.289 ug/ml
7) T n-Hexadecane (C16)	9.570	2600957	20.881 ug/ml
8) T n-Octadecane (C18)	11.007	2669369	20.667 ug/ml
10) T n-Eicosane (C20)	12.313	2626281	20.183 ug/ml
11) T n-Heneicosane (C21)	12.924	2637139	19.863 ug/ml
13) T n-Docosane (C22)	13.508	2595627	19.592 ug/ml
14) T n-Tetracosane (C24)	14.608	2554917	18.874 ug/ml
15) T n-Hexacosane (C26)	15.627	2468021	18.213 ug/ml
16) T n-Octacosane (C28)	16.575	2411024	17.566 ug/ml
17) T n-Tricontane (C30)	17.461	2356849	17.016 ug/ml
18) T n-Dotriacontane (C32)	18.293	2295855	16.781 ug/ml
19) T n-Tetratriacontane (C34)	19.076	2285928	16.918 ug/ml
20) T n-Hexatriacontane (C36)	19.813	1861250	15.078 ug/ml
21) T n-Octatriacontane (C38)	20.518	2193234	19.389 ug/ml
22) T n-Tetracontane (C40)	21.330	2256548	19.965 ug/ml

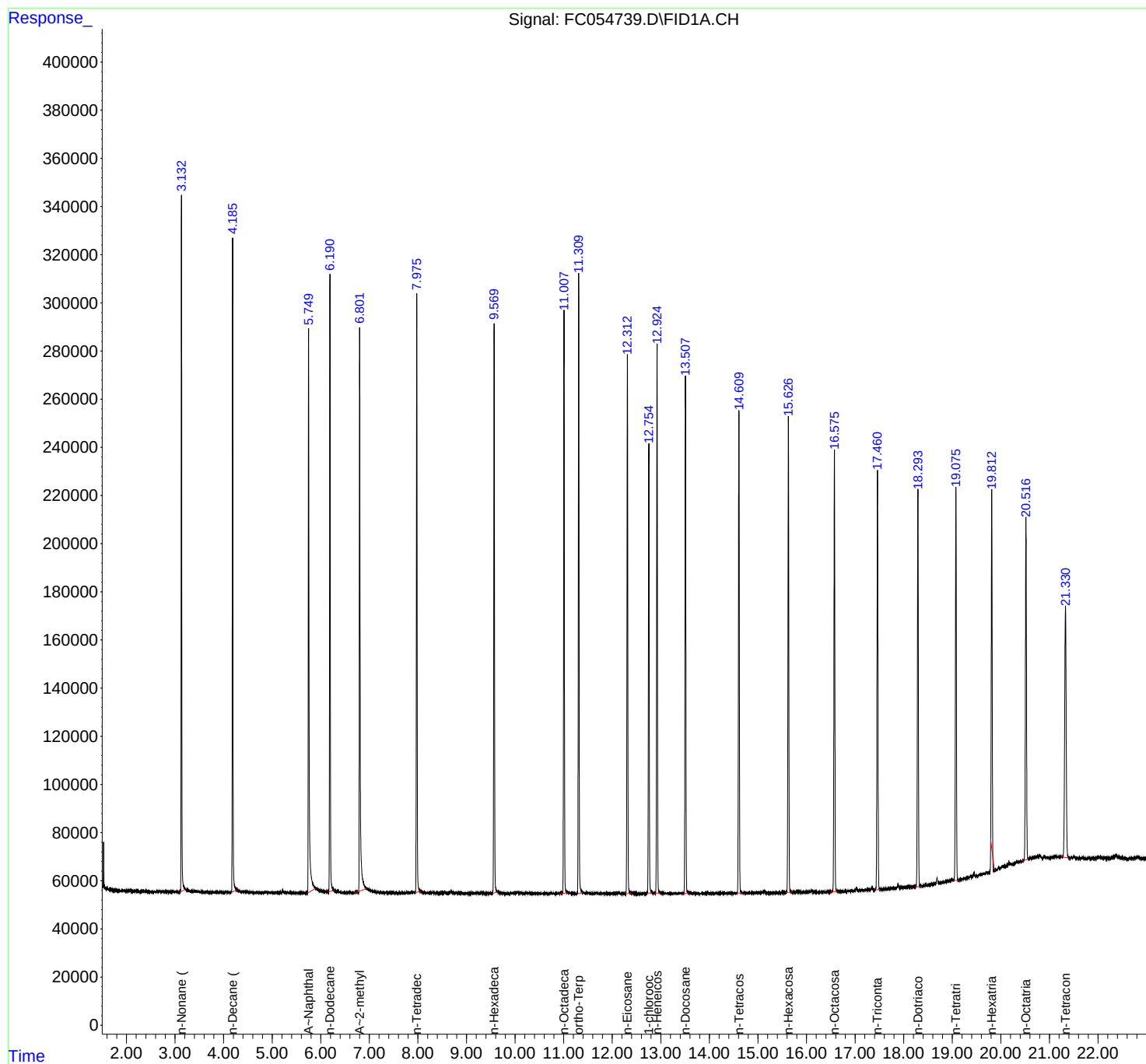
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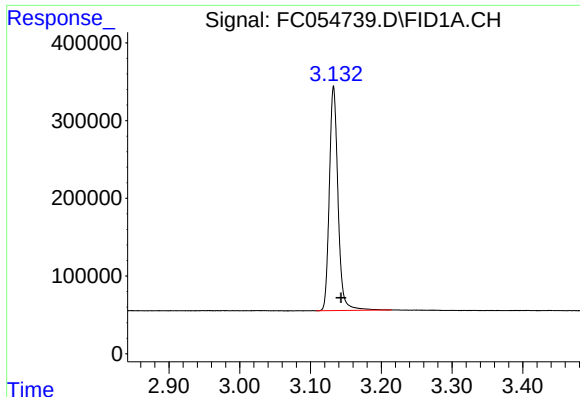
(m)=manual int.

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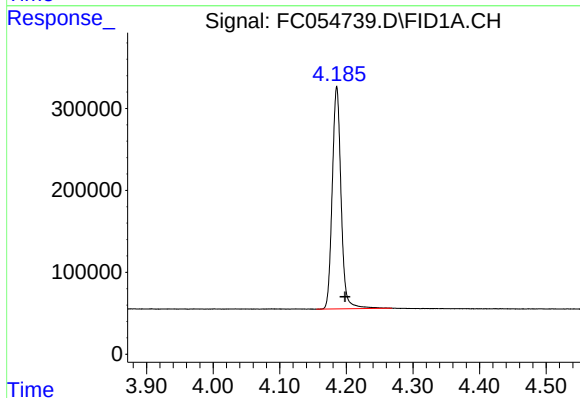
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Signal Info : 20M x 0.18mm x 0.18um





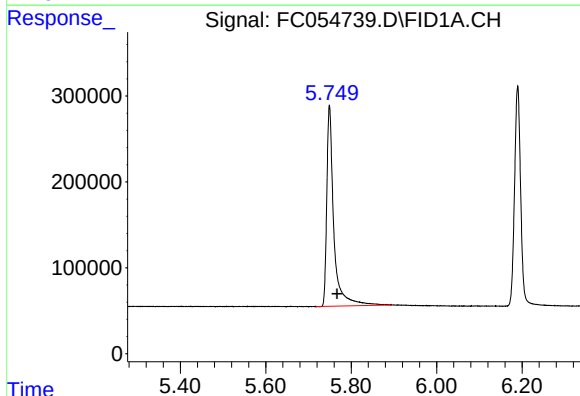
#1 n-Nonane (C9)

R.T.: 3.133 min
Delta R.T.: -0.010 min
Response: 2454326
Conc: 20.87 ug/ml



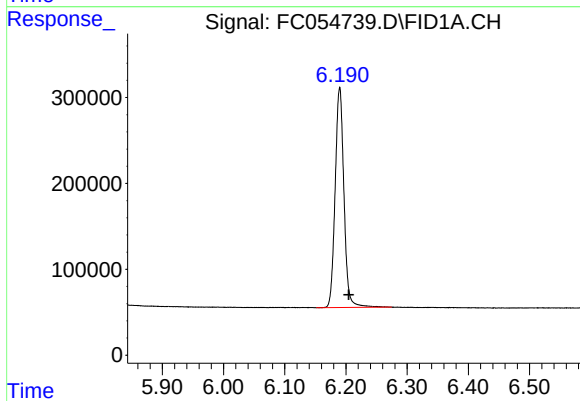
#2 n-Decane (C10)

R.T.: 4.186 min
Delta R.T.: -0.013 min
Response: 2495399
Conc: 21.02 ug/ml



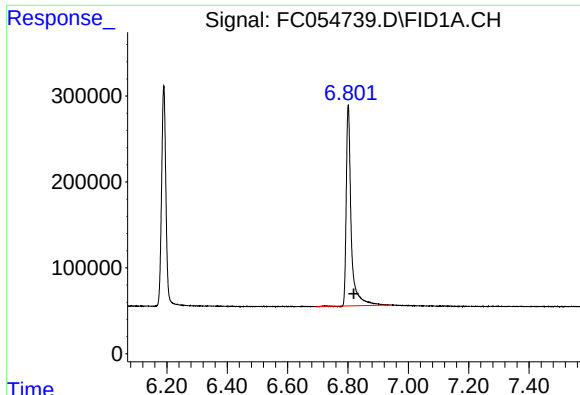
#3 A~Naphthalene (C11.7)

R.T.: 5.749 min
Delta R.T.: -0.018 min
Response: 2686059
Conc: 20.43 ug/ml



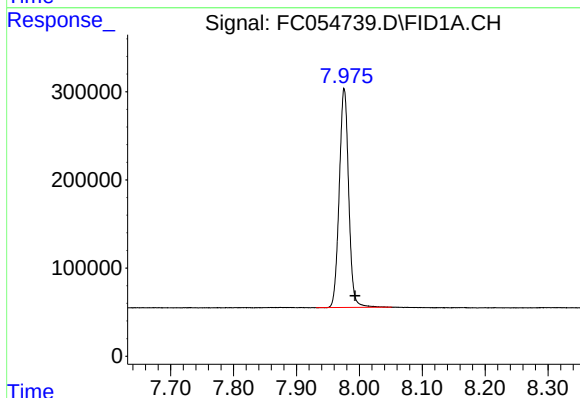
#4 n-Dodecane (C12)

R.T.: 6.190 min
Delta R.T.: -0.015 min
Response: 2557002
Conc: 21.33 ug/ml



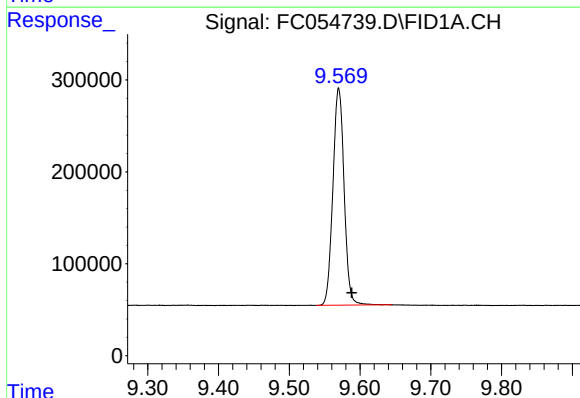
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.801 min
Delta R.T.: -0.018 min
Response: 2683672
Conc: 20.33 ug/ml



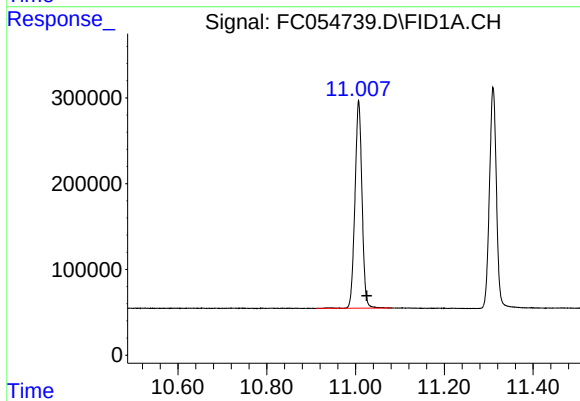
#6 n-Tetradecane (C14)

R.T.: 7.976 min
Delta R.T.: -0.017 min
Response: 2593868
Conc: 21.29 ug/ml



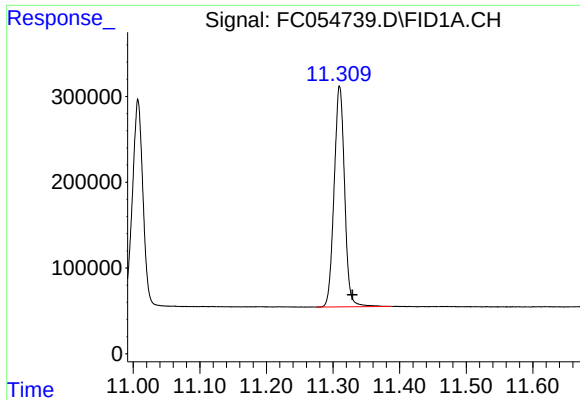
#7 n-Hexadecane (C16)

R.T.: 9.570 min
Delta R.T.: -0.018 min
Response: 2600957
Conc: 20.88 ug/ml



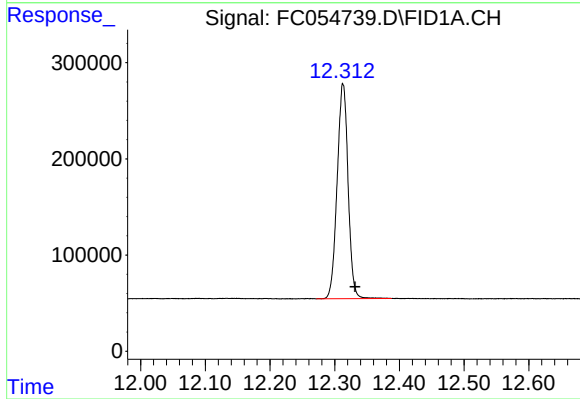
#8 n-Octadecane (C18)

R.T.: 11.007 min
Delta R.T.: -0.018 min
Response: 2669369
Conc: 20.67 ug/ml



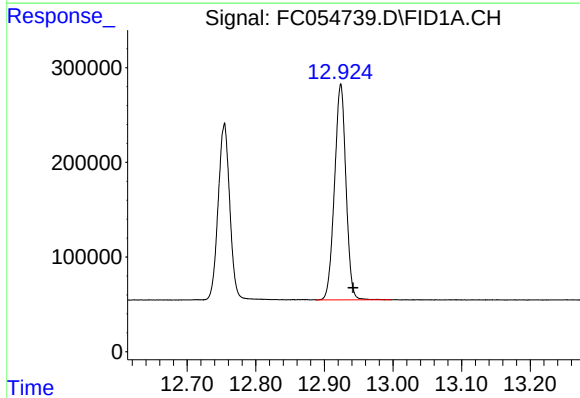
#9 ortho-Terphenyl (SURR)

R.T.: 11.310 min
Delta R.T.: -0.019 min
Response: 2812301
Conc: 19.87 ug/ml



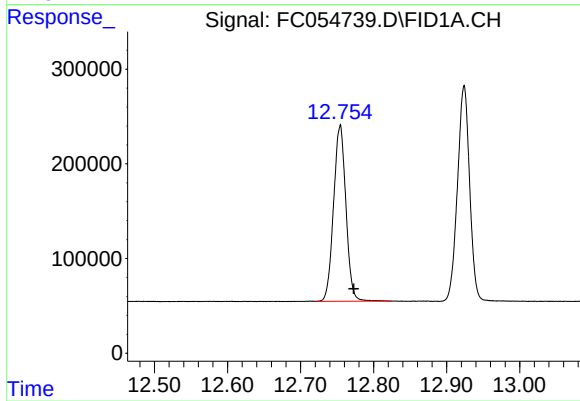
#10 n-Eicosane (C20)

R.T.: 12.313 min
Delta R.T.: -0.019 min
Response: 2626281
Conc: 20.18 ug/ml



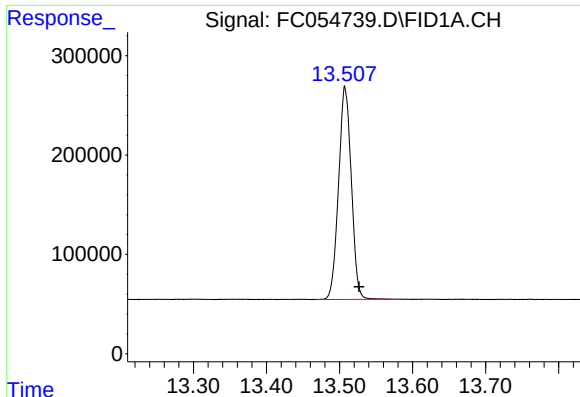
#11 n-Heneicosane (C21)

R.T.: 12.924 min
Delta R.T.: -0.018 min
Response: 2637139
Conc: 19.86 ug/ml



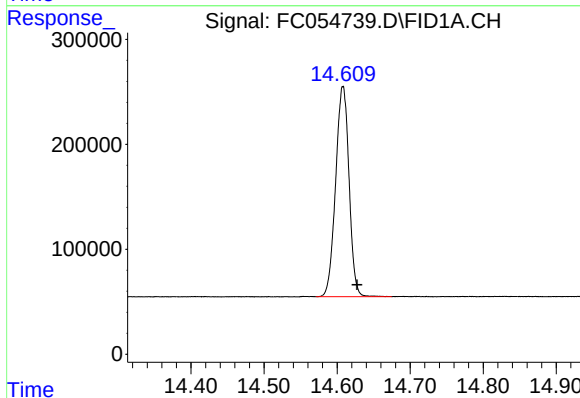
#12 1-chlorooctadecane (SURR)

R.T.: 12.754 min
Delta R.T.: -0.019 min
Response: 2182130
Conc: 19.58 ug/ml



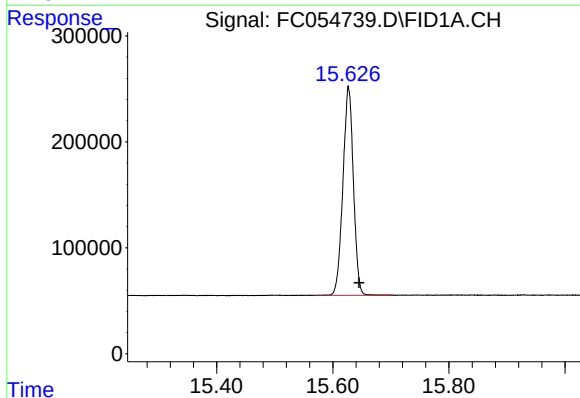
#13 n-Docosane (C22)

R.T.: 13.508 min
Delta R.T.: -0.019 min
Response: 2595627
Conc: 19.59 ug/ml



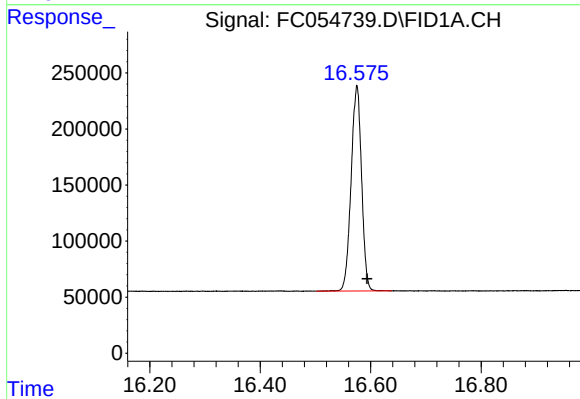
#14 n-Tetracosane (C24)

R.T.: 14.608 min
Delta R.T.: -0.020 min
Response: 2554917
Conc: 18.87 ug/ml



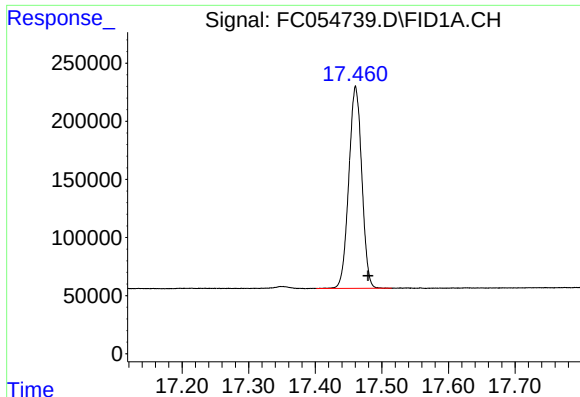
#15 n-Hexacosane (C26)

R.T.: 15.627 min
Delta R.T.: -0.018 min
Response: 2468021
Conc: 18.21 ug/ml



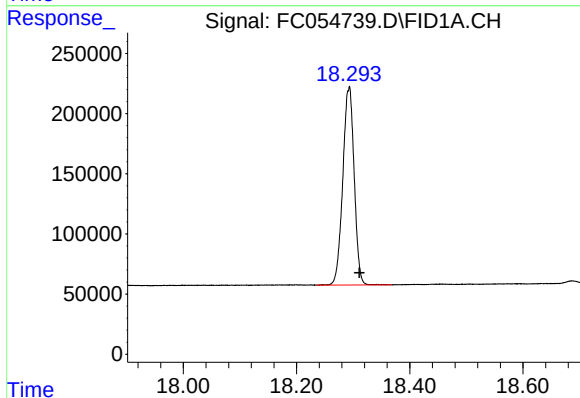
#16 n-Octacosane (C28)

R.T.: 16.575 min
Delta R.T.: -0.019 min
Response: 2411024
Conc: 17.57 ug/ml



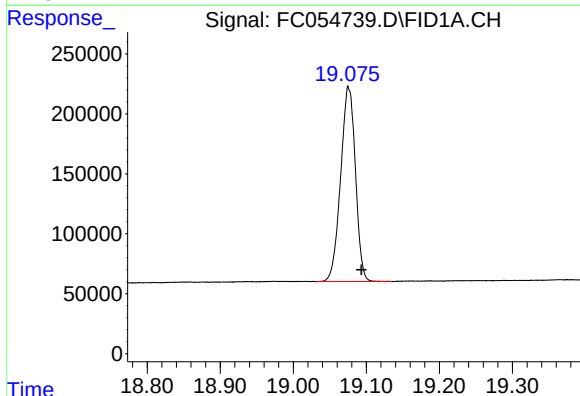
#17 n-Tricontane (C30)

R.T.: 17.461 min
Delta R.T.: -0.018 min
Response: 2356849
Conc: 17.02 ug/ml



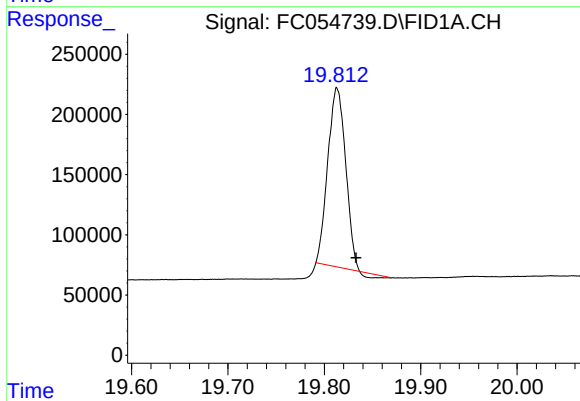
#18 n-Dotriacontane (C32)

R.T.: 18.293 min
Delta R.T.: -0.019 min
Response: 2295855
Conc: 16.78 ug/ml



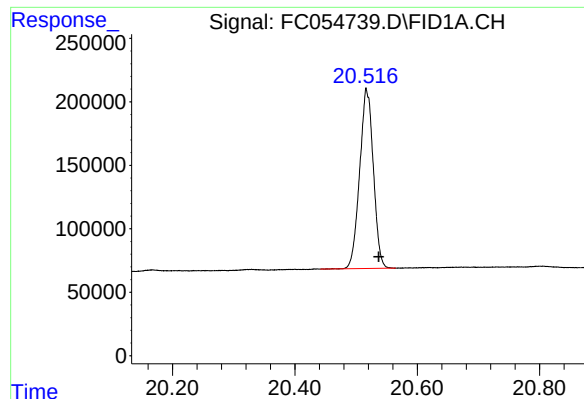
#19 n-Tetratriacontane (C34)

R.T.: 19.076 min
Delta R.T.: -0.017 min
Response: 2285928
Conc: 16.92 ug/ml



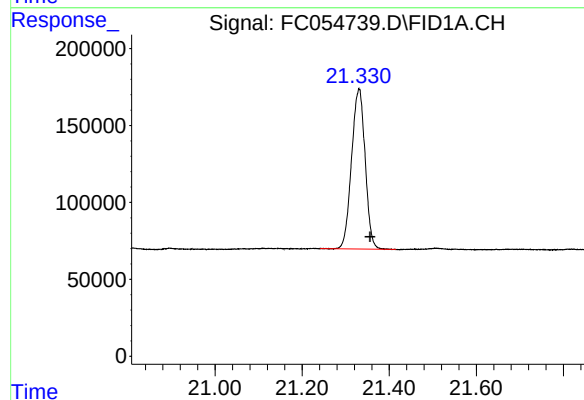
#20 n-Hexatriacontane (C36)

R.T.: 19.813 min
Delta R.T.: -0.020 min
Response: 1861250
Conc: 15.08 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.518 min
Delta R.T.: -0.019 min
Response: 2193234
Conc: 19.39 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.330 min
Delta R.T.: -0.026 min
Response: 2256548
Conc: 19.96 ug/ml