

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC062821AL\
 Data File : FC054486.D
 Signal(s) : FID1A.CH
 Acq On : 29 Jun 2021 1:41
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jun 29 04:58:51 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic 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)	11.337	2712539	19.160 ug/ml
Spiked Amount 50.000		Recovery =	38.32%
12) S 1-chlorooctadecane (S...	12.780	2108698	18.916 ug/ml
Spiked Amount 50.000		Recovery =	37.83%
Target Compounds			
1) T n-Nonane (C9)	3.150	2301634	19.573 ug/ml
2) T n-Decane (C10)	4.205	2371907	19.975 ug/ml
3) T A~Naphthalene (C11.7)	5.772	2626090	19.975 ug/ml
4) T n-Dodecane (C12)	6.212	2420159	20.192 ug/ml
5) T A~2-methylnaphthalene...	6.824	2660227	20.150 ug/ml
6) T n-Tetradecane (C14)	8.000	2495312	20.481 ug/ml
7) T n-Hexadecane (C16)	9.596	2514300	20.185 ug/ml
8) T n-Octadecane (C18)	11.034	2579939	19.975 ug/ml
10) T n-Eicosane (C20)	12.338	2527590	19.425 ug/ml
11) T n-Heneicosane (C21)	12.949	2532543	19.075 ug/ml
13) T n-Docosane (C22)	13.534	2473494	18.671 ug/ml
14) T n-Tetracosane (C24)	14.634	2536676	18.739 ug/ml
15) T n-Hexacosane (C26)	15.653	2301891	16.987 ug/ml
16) T n-Octacosane (C28)	16.601	2224012	16.203 ug/ml
17) T n-Tricontane (C30)	17.487	2153080	15.545 ug/ml
18) T n-Dotriacontane (C32)	18.318	2093256	15.300 ug/ml
19) T n-Tetratriacontane (C34)	19.101	2033821	15.052 ug/ml
20) T n-Hexatriacontane (C36)	19.839	1931462	15.647 ug/ml
21) T n-Octatriacontane (C38)	20.545	1894322	16.747 ug/ml
22) T n-Tetracontane (C40)	21.367	2026196	17.927 ug/ml

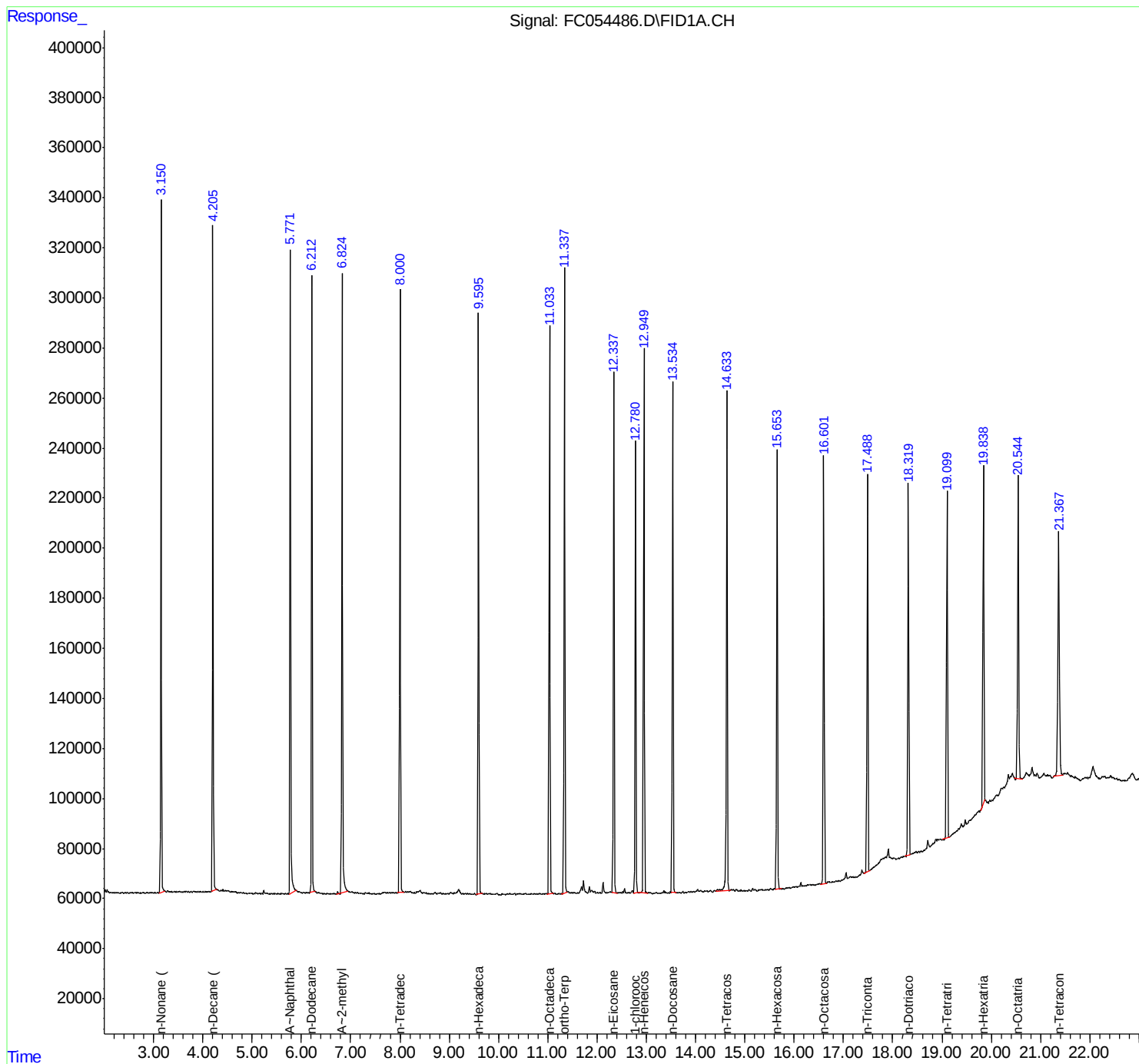
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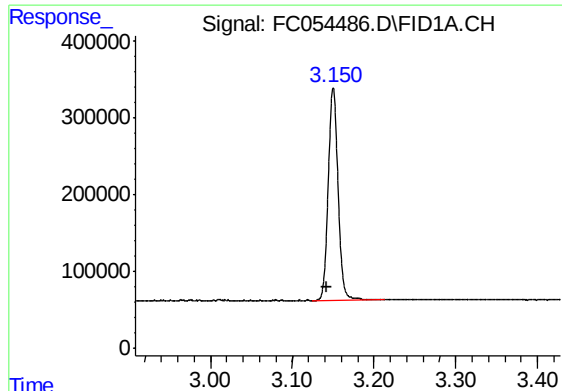
(m)=manual int.

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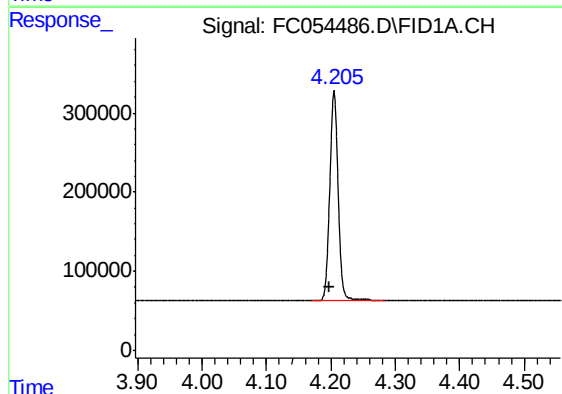
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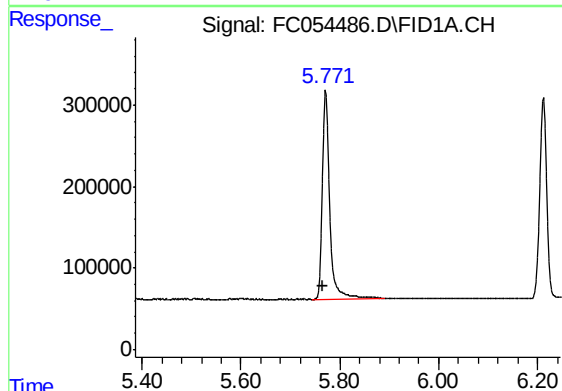
#1 n-Nonane (C9)

R.T.: 3.150 min
Delta R.T.: 0.007 min
Response: 2301634
Conc: 19.57 ug/ml



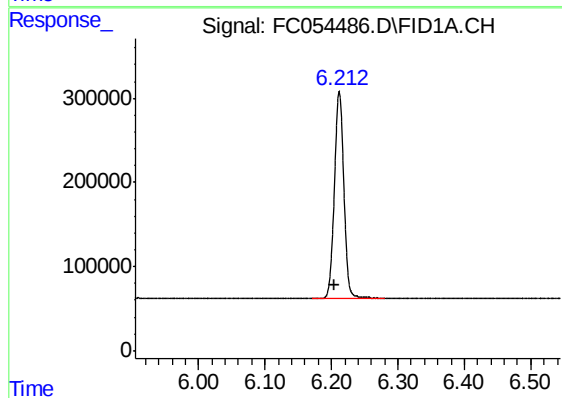
#2 n-Decane (C10)

R.T.: 4.205 min
Delta R.T.: 0.007 min
Response: 2371907
Conc: 19.98 ug/ml



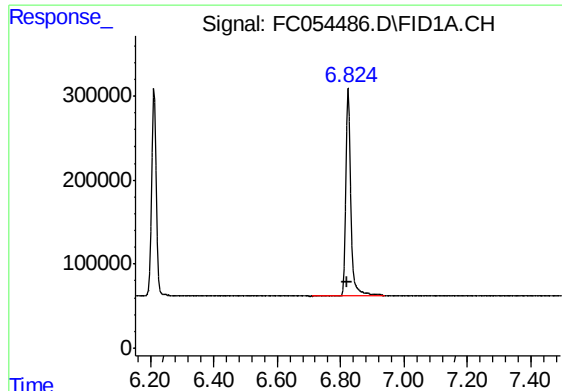
#3 A-Naphthalene (C11.7)

R.T.: 5.772 min
Delta R.T.: 0.004 min
Response: 2626090
Conc: 19.97 ug/ml



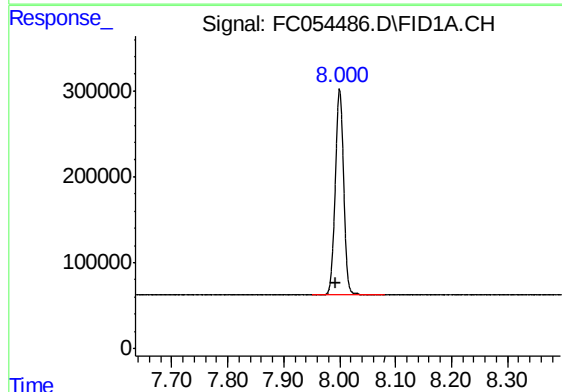
#4 n-Dodecane (C12)

R.T.: 6.212 min
Delta R.T.: 0.007 min
Response: 2420159
Conc: 20.19 ug/ml



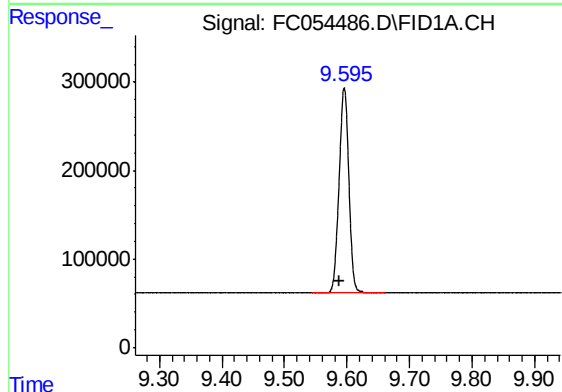
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.824 min
Delta R.T.: 0.004 min
Response: 2660227
Conc: 20.15 ug/ml



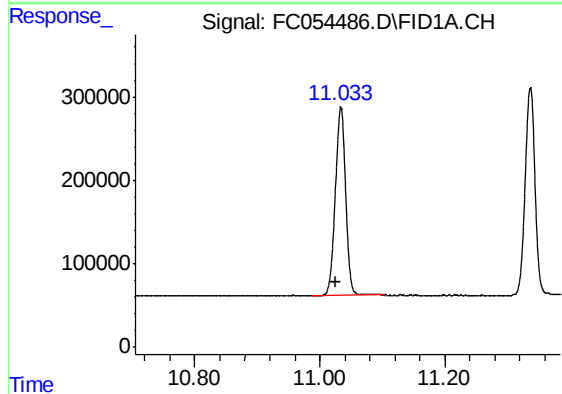
#6 n-Tetradecane (C14)

R.T.: 8.000 min
Delta R.T.: 0.007 min
Response: 2495312
Conc: 20.48 ug/ml



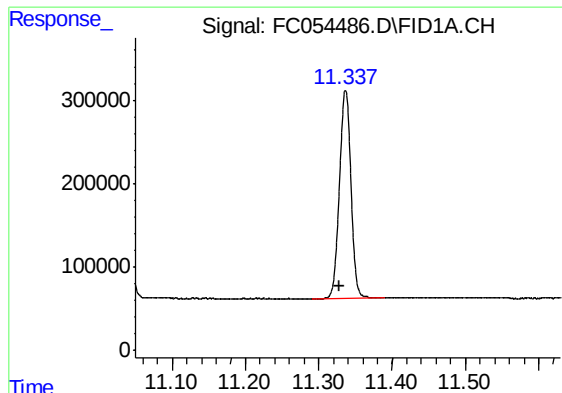
#7 n-Hexadecane (C16)

R.T.: 9.596 min
Delta R.T.: 0.007 min
Response: 2514300
Conc: 20.19 ug/ml



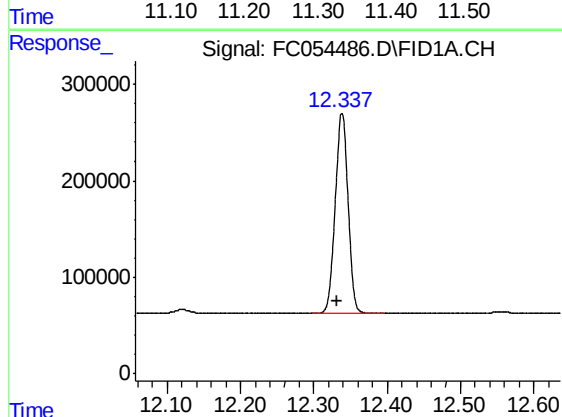
#8 n-Octadecane (C18)

R.T.: 11.034 min
Delta R.T.: 0.008 min
Response: 2579939
Conc: 19.97 ug/ml



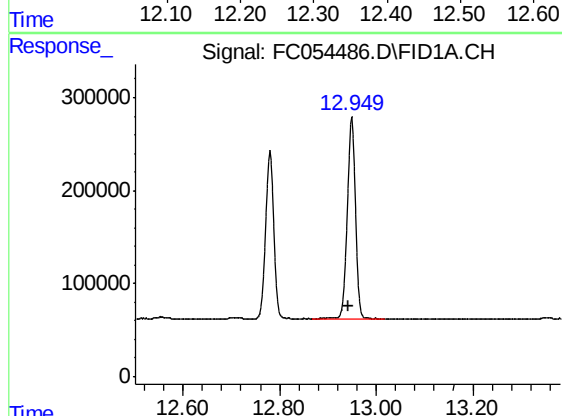
#9 ortho-Terphenyl (SURR)

R.T.: 11.337 min
Delta R.T.: 0.008 min
Response: 2712539
Conc: 19.16 ug/ml



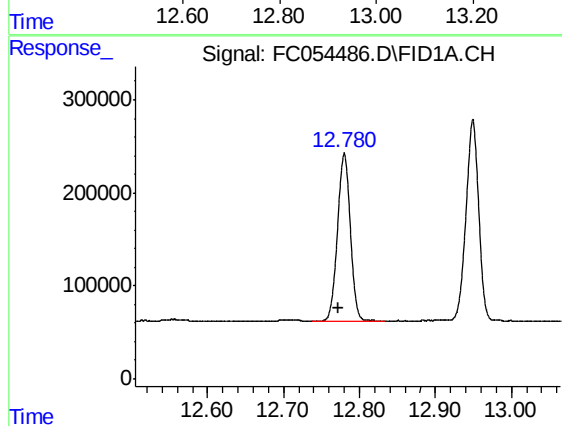
#10 n-Eicosane (C20)

R.T.: 12.338 min
Delta R.T.: 0.007 min
Response: 2527590
Conc: 19.43 ug/ml



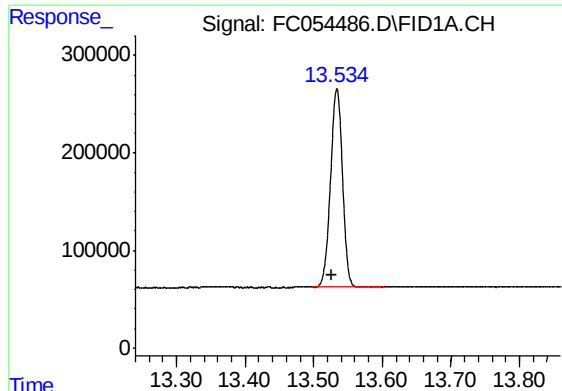
#11 n-Heneicosane (C21)

R.T.: 12.949 min
Delta R.T.: 0.008 min
Response: 2532543
Conc: 19.07 ug/ml



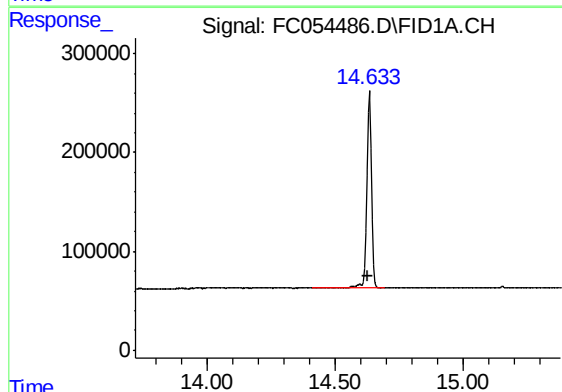
#12 1-chlorooctadecane (SURR)

R.T.: 12.780 min
Delta R.T.: 0.007 min
Response: 2108698
Conc: 18.92 ug/ml



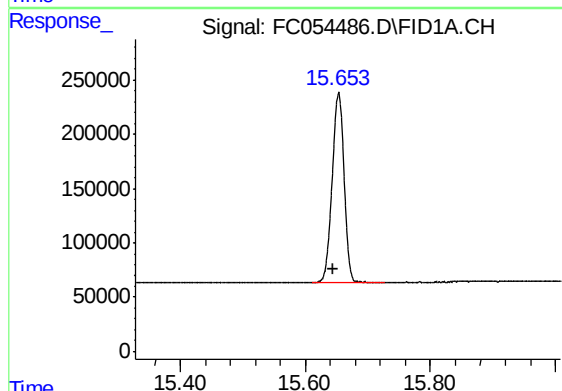
#13 n-Docosane (C22)

R.T.: 13.534 min
Delta R.T.: 0.007 min
Response: 2473494
Conc: 18.67 ug/ml



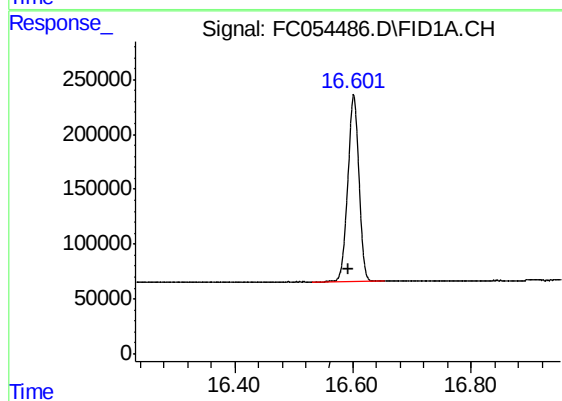
#14 n-Tetracosane (C24)

R.T.: 14.634 min
Delta R.T.: 0.006 min
Response: 2536676
Conc: 18.74 ug/ml



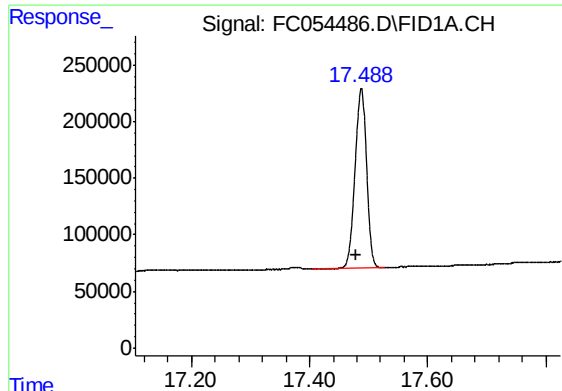
#15 n-Hexacosane (C26)

R.T.: 15.653 min
Delta R.T.: 0.008 min
Response: 2301891
Conc: 16.99 ug/ml



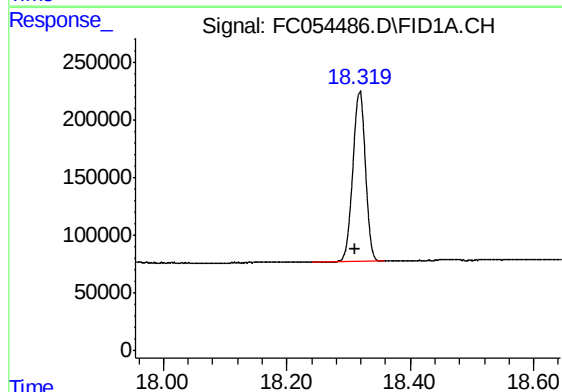
#16 n-Octacosane (C28)

R.T.: 16.601 min
Delta R.T.: 0.008 min
Response: 2224012
Conc: 16.20 ug/ml



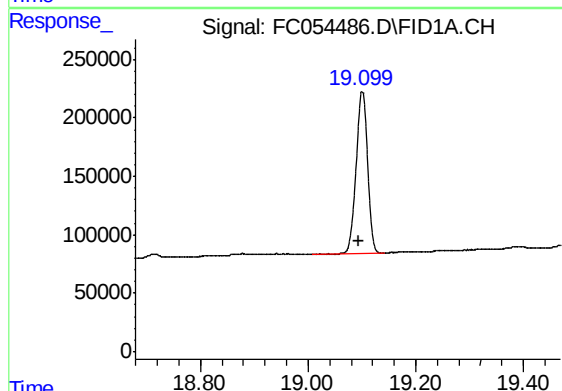
#17 n-Tricontane (C30)

R.T.: 17.487 min
Delta R.T.: 0.008 min
Response: 2153080
Conc: 15.55 ug/ml



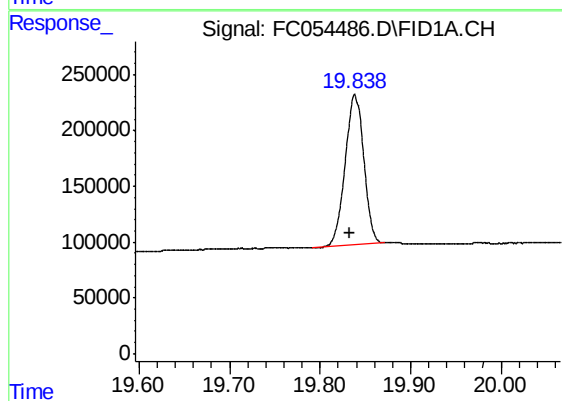
#18 n-Dotriacontane (C32)

R.T.: 18.318 min
Delta R.T.: 0.007 min
Response: 2093256
Conc: 15.30 ug/ml



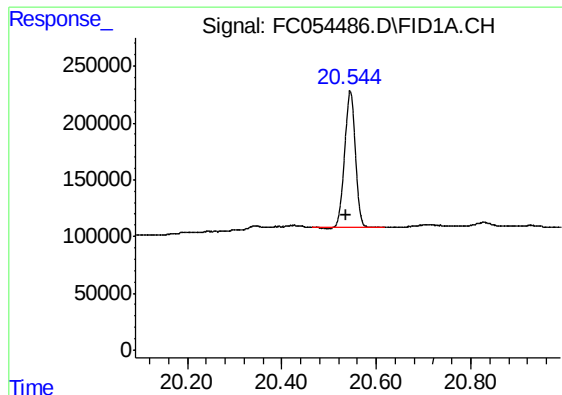
#19 n-Tetatriacontane (C34)

R.T.: 19.101 min
Delta R.T.: 0.007 min
Response: 2033821
Conc: 15.05 ug/ml



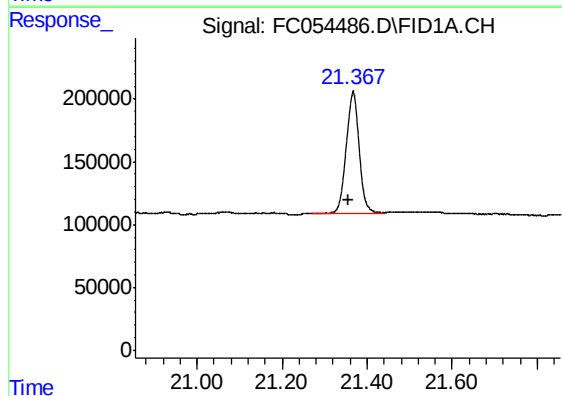
#20 n-Hexatriacontane (C36)

R.T.: 19.839 min
Delta R.T.: 0.006 min
Response: 1931462
Conc: 15.65 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.545 min
Delta R.T.: 0.008 min
Response: 1894322
Conc: 16.75 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.367 min
Delta R.T.: 0.011 min
Response: 2026196
Conc: 17.93 ug/ml