

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC040519AL\
 Data File : FC040374.D
 Signal(s) : FID1A.CH
 Acq On : 05 Apr 2019 23:59
 Operator : AJ\SJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 06 00:38:14 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 032319.M
 Quant Title : GC Extractables
 QLast Update : Sat Mar 23 13:38:33 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)	11.026	2783304	21.613 ug/ml
Spiked Amount 50.000		Recovery =	43.23%
12) S 1-chlorooctadecane (S...	12.454	2114978	21.411 ug/ml
Spiked Amount 50.000		Recovery =	42.82%
Target Compounds			
1) T n-Nonane (C9)	2.860	1764665	21.381 ug/ml
2) T n-Decane (C10)	3.882	1860664	21.985 ug/ml
3) T A~Naphthalene (C11.7)	5.456	2291459	23.486 ug/ml
4) T n-Dodecane (C12)	5.876	1960088	22.692 ug/ml
5) T A~2-methylnaphthalene...	6.505	2352655	23.677 ug/ml
6) T n-Tetradecane (C14)	7.667	2072960	22.744 ug/ml
7) T n-Hexadecane (C16)	9.264	2134240	22.205 ug/ml
8) T n-Octadecane (C18)	10.703	2148437	21.418 ug/ml
10) T n-Eicosane (C20)	12.009	2150974	21.136 ug/ml
11) T n-Heneicosane (C21)	12.620	2130862	21.131 ug/ml
13) T n-Docosane (C22)	13.205	2131621	21.206 ug/ml
14) T n-Tetracosane (C24)	14.307	2146316	21.557 ug/ml
15) T n-Hexacosane (C26)	15.327	2185289	22.321 ug/ml
16) T n-Octacosane (C28)	16.276	2235813	22.792 ug/ml
17) T n-Tricontane (C30)	17.164	2247634	22.970 ug/ml
18) T n-Dotriacontane (C32)	17.996	2170011	22.422 ug/ml
19) T n-Tetratriacontane (C34)	18.813	1883184	22.465 ug/ml
20) T n-Hexatriacontane (C36)	19.840	1645999	22.356 ug/ml
21) T n-Octatriacontane (C38)	21.225	1529538	22.135 ug/ml
22) T n-Tetracontane (C40)	23.145	1469489	21.678 ug/ml

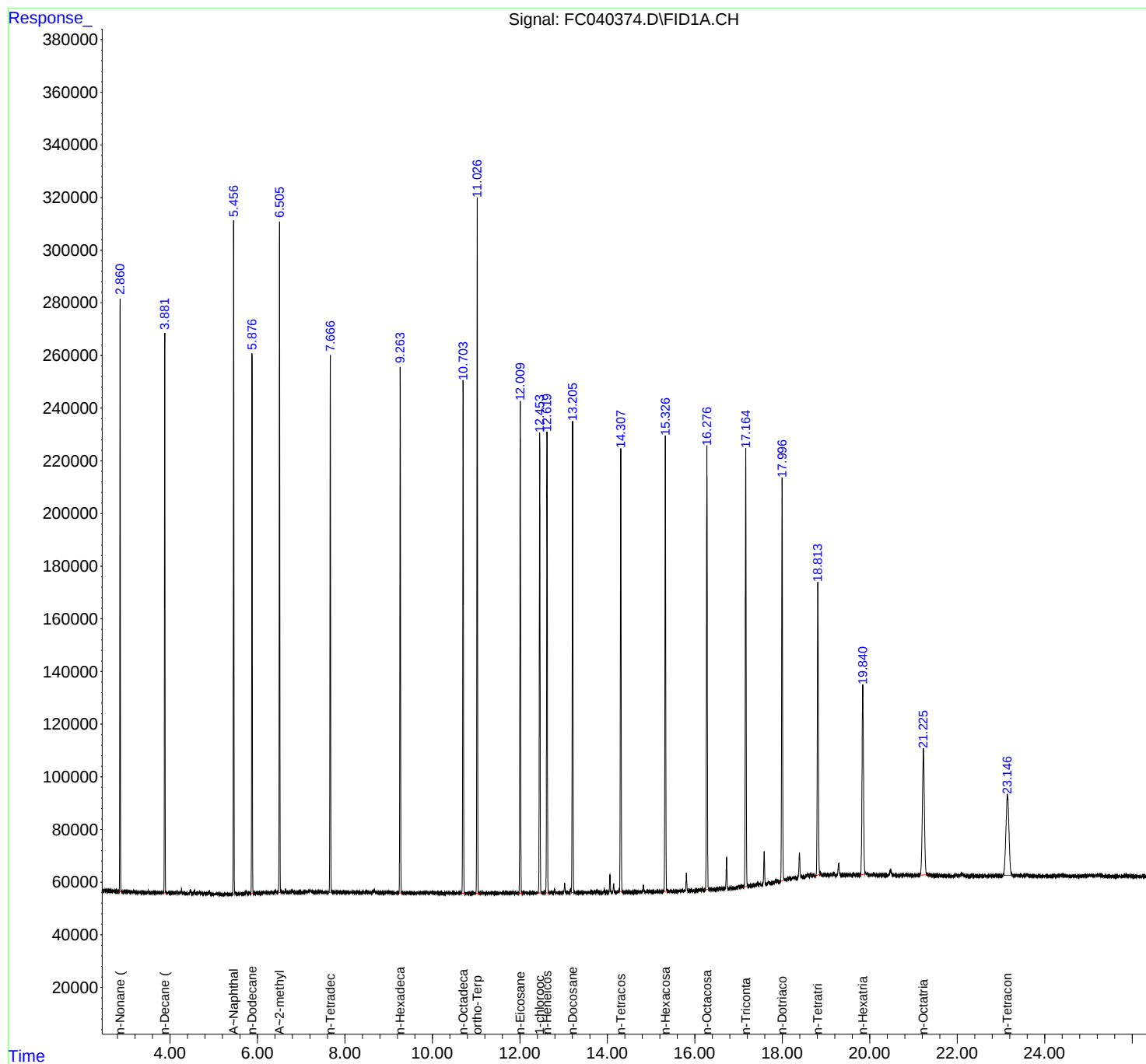
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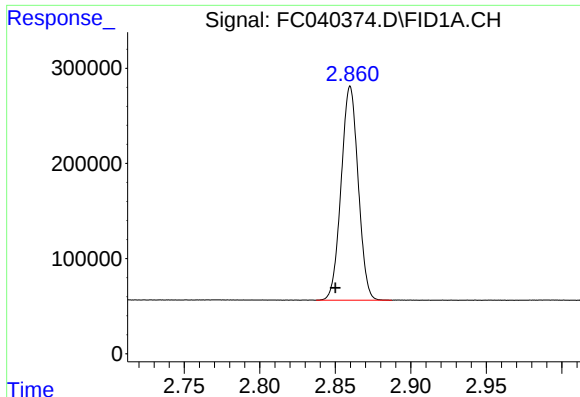
(m)=manual int.

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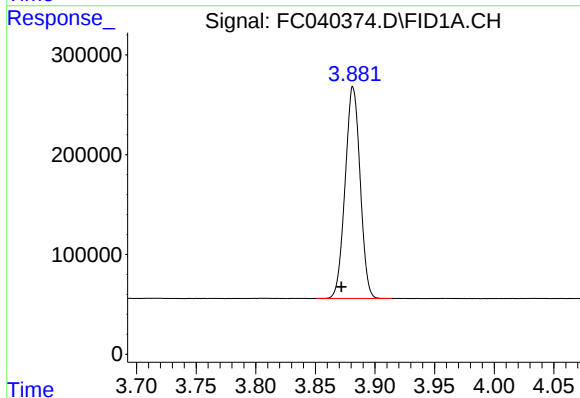
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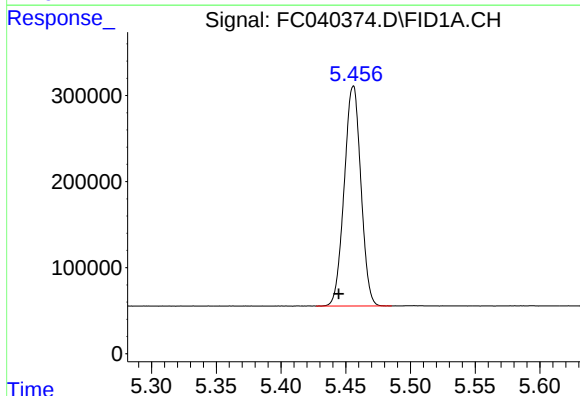
#1 n-Nonane (C9)

R.T.: 2.860 min
Delta R.T.: 0.010 min
Response: 1764665
Conc: 21.38 ug/ml



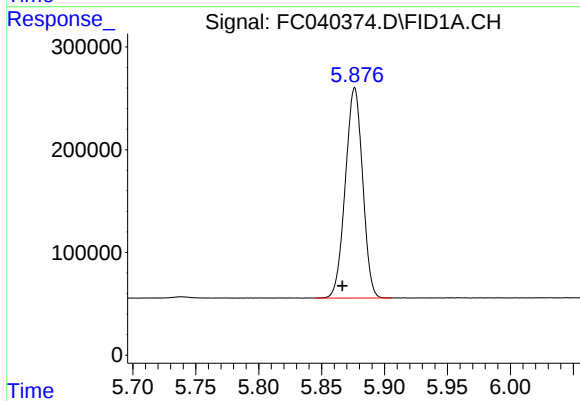
#2 n-Decane (C10)

R.T.: 3.882 min
Delta R.T.: 0.010 min
Response: 1860664
Conc: 21.98 ug/ml



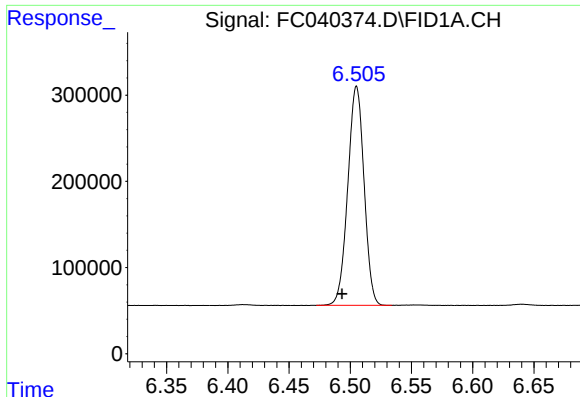
#3 A~Naphthalene (C11.7)

R.T.: 5.456 min
Delta R.T.: 0.011 min
Response: 2291459
Conc: 23.49 ug/ml



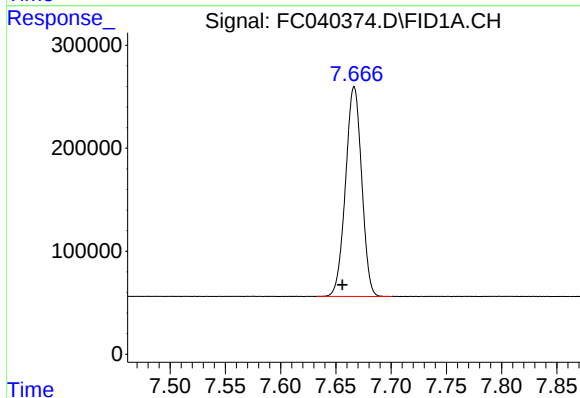
#4 n-Dodecane (C12)

R.T.: 5.876 min
Delta R.T.: 0.010 min
Response: 1960088
Conc: 22.69 ug/ml



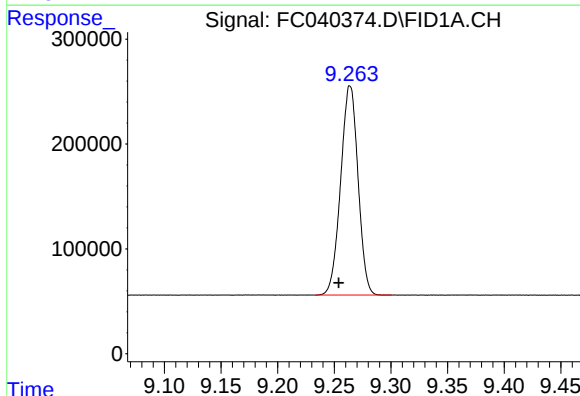
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.505 min
Delta R.T.: 0.012 min
Response: 2352655
Conc: 23.68 ug/ml



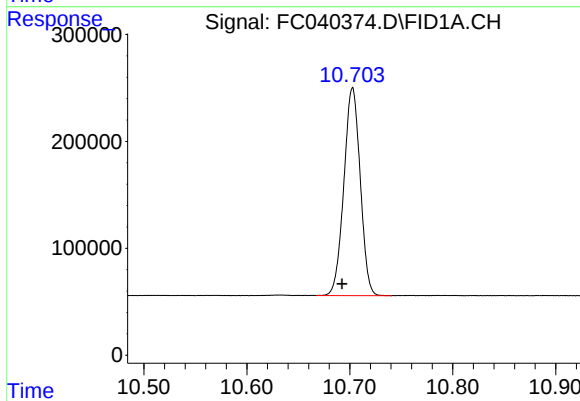
#6 n-Tetradecane (C14)

R.T.: 7.667 min
Delta R.T.: 0.011 min
Response: 2072960
Conc: 22.74 ug/ml



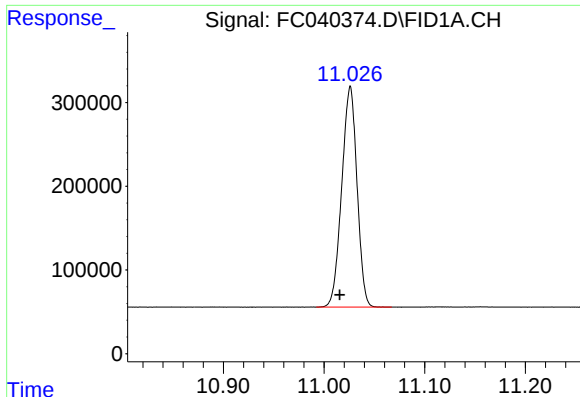
#7 n-Hexadecane (C16)

R.T.: 9.264 min
Delta R.T.: 0.010 min
Response: 2134240
Conc: 22.21 ug/ml



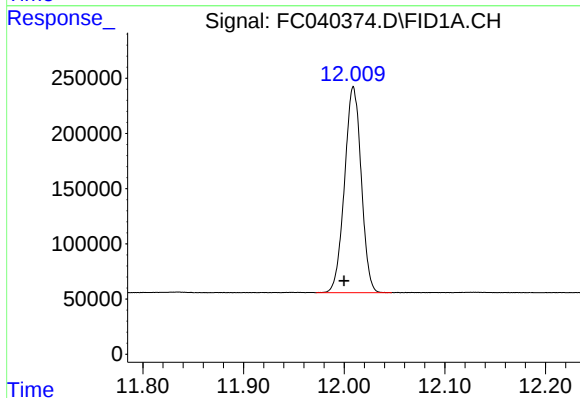
#8 n-Octadecane (C18)

R.T.: 10.703 min
Delta R.T.: 0.010 min
Response: 2148437
Conc: 21.42 ug/ml



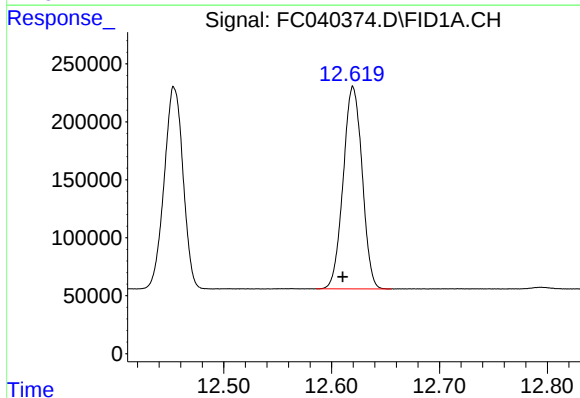
#9 ortho-Terphenyl (SURR)

R.T.: 11.026 min
Delta R.T.: 0.011 min
Response: 2783304
Conc: 21.61 ug/ml



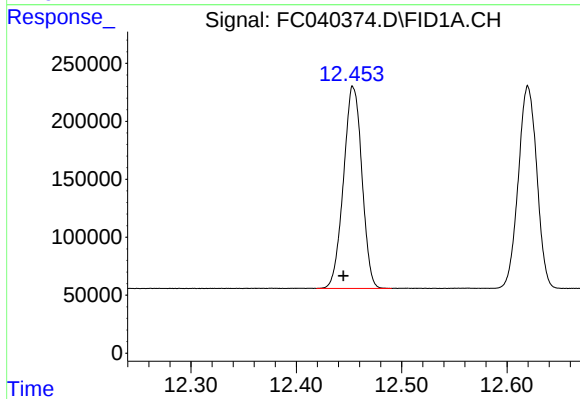
#10 n-Eicosane (C20)

R.T.: 12.009 min
Delta R.T.: 0.009 min
Response: 2150974
Conc: 21.14 ug/ml



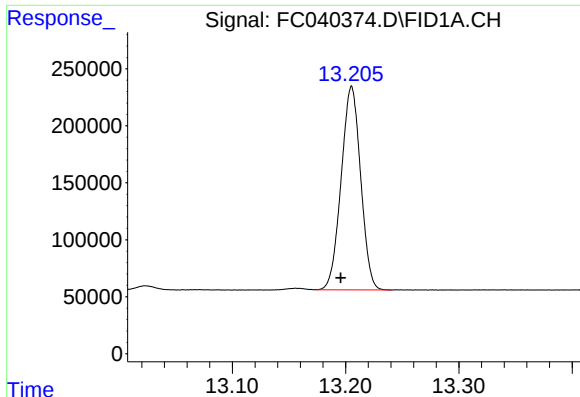
#11 n-Heneicosane (C21)

R.T.: 12.620 min
Delta R.T.: 0.010 min
Response: 2130862
Conc: 21.13 ug/ml



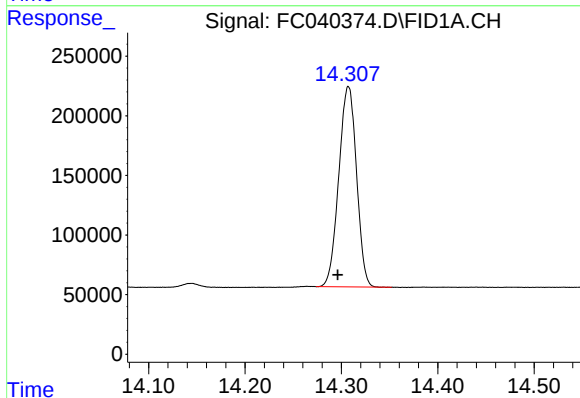
#12 1-chlorooctadecane (SURR)

R.T.: 12.454 min
Delta R.T.: 0.009 min
Response: 2114978
Conc: 21.41 ug/ml



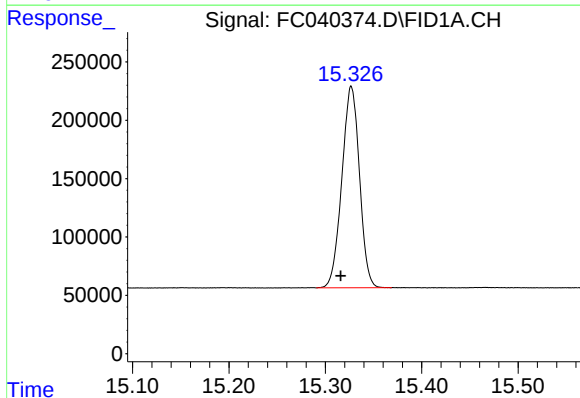
#13 n-Docosane (C22)

R.T.: 13.205 min
Delta R.T.: 0.010 min
Response: 2131621
Conc: 21.21 ug/ml



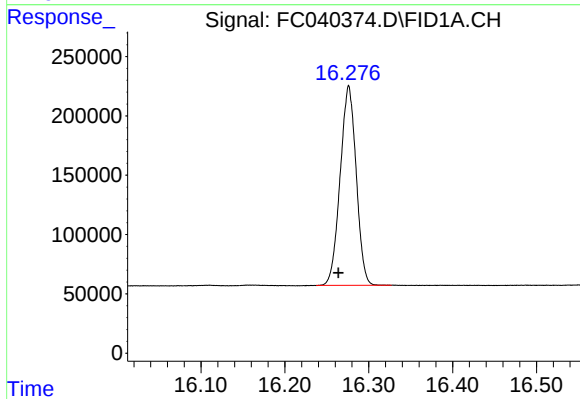
#14 n-Tetracosane (C24)

R.T.: 14.307 min
Delta R.T.: 0.011 min
Response: 2146316
Conc: 21.56 ug/ml



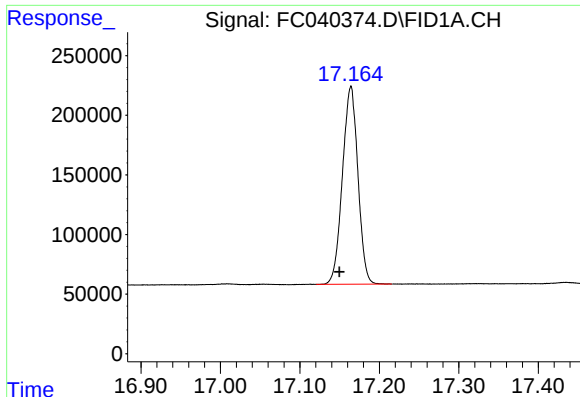
#15 n-Hexacosane (C26)

R.T.: 15.327 min
Delta R.T.: 0.011 min
Response: 2185289
Conc: 22.32 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.276 min
Delta R.T.: 0.012 min
Response: 2235813
Conc: 22.79 ug/ml



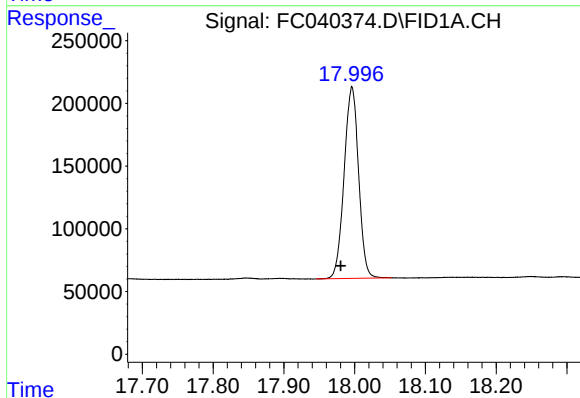
#17 n-Tricontane (C30)

R.T.: 17.164 min

Delta R.T.: 0.014 min

Response: 2247634

Conc: 22.97 ug/ml



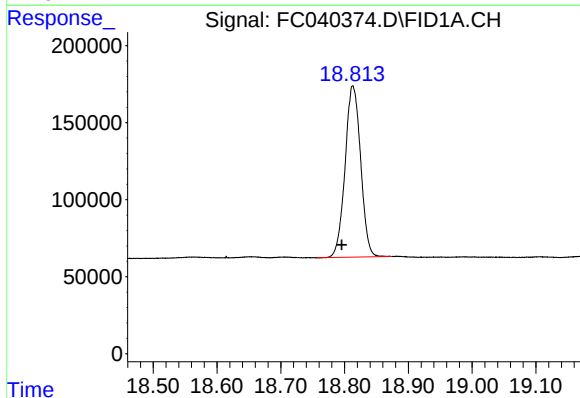
#18 n-Dotriacontane (C32)

R.T.: 17.996 min

Delta R.T.: 0.016 min

Response: 2170011

Conc: 22.42 ug/ml



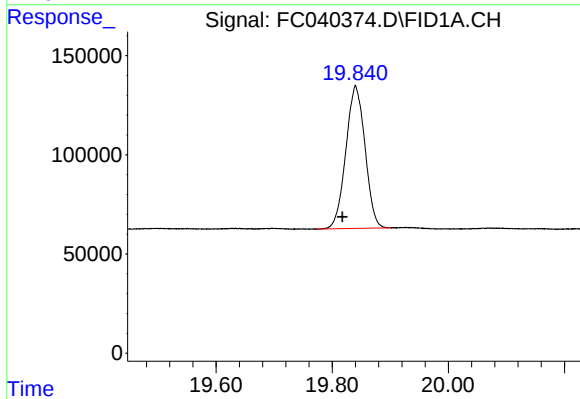
#19 n-Tetratriacontane (C34)

R.T.: 18.813 min

Delta R.T.: 0.017 min

Response: 1883184

Conc: 22.46 ug/ml



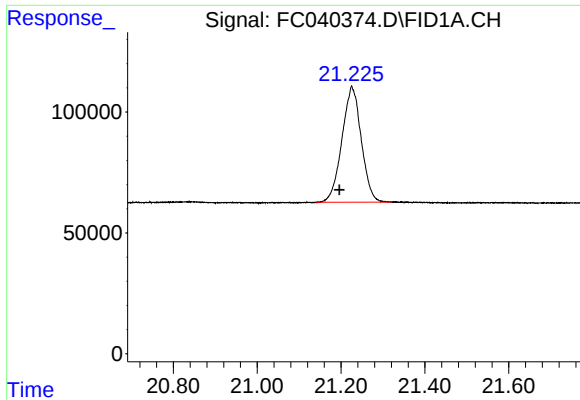
#20 n-Hexatriacontane (C36)

R.T.: 19.840 min

Delta R.T.: 0.022 min

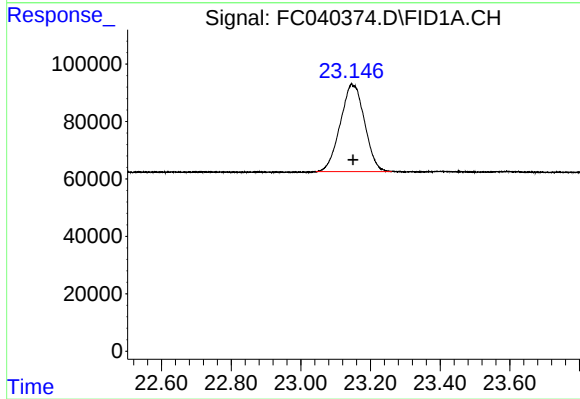
Response: 1645999

Conc: 22.36 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.225 min
Delta R.T.: 0.029 min
Response: 1529538
Conc: 22.14 ug/ml



#22 n-Tetracontane (C40)

R.T.: 23.145 min
Delta R.T.: -0.005 min
Response: 1469489
Conc: 21.68 ug/ml