

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE030822AL\
 Data File : FE035257.D
 Signal(s) : FID1B.CH
 Acq On : 08 Mar 2022 16:52
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Mar 09 00:05:08 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 022822.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 01 02:07:56 2022
 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)	11.367	2789559	20.141 ug/ml
Spiked Amount 50.000		Recovery =	40.28%
12) S 1-chlorooctadecane (S...	12.802	2086329	19.261 ug/ml
Spiked Amount 50.000		Recovery =	38.52%
Target Compounds			
1) T n-Nonane (C9)	3.185	2481554	21.611 ug/ml
2) T n-Decane (C10)	4.240	2473741	21.713 ug/ml
3) T A~Naphthalene (C11.7)	5.806	2751388	21.662 ug/ml
4) T n-Dodecane (C12)	6.245	2554299	21.725 ug/ml
5) T A~2-methylnaphthalene...	6.855	2770246	21.687 ug/ml
6) T n-Tetradecane (C14)	8.031	2581183	21.629 ug/ml
7) T n-Hexadecane (C16)	9.624	2591816	21.273 ug/ml
8) T n-Octadecane (C18)	11.059	2597015	20.717 ug/ml
10) T n-Eicosane (C20)	12.361	2526648	19.981 ug/ml
11) T n-Heneicosane (C21)	12.970	2501930	19.646 ug/ml
13) T n-Docosane (C22)	13.554	2455129	19.335 ug/ml
14) T n-Tetracosane (C24)	14.651	2361694	18.647 ug/ml
15) T n-Hexacosane (C26)	15.667	2256108	18.195 ug/ml
16) T n-Octacosane (C28)	16.610	2146875	17.912 ug/ml
17) T n-Tricontane (C30)	17.494	2051379	18.112 ug/ml
18) T n-Dotriacontane (C32)	18.322	1883689	18.498 ug/ml
19) T n-Tetratriacontane (C34)	19.102	1713943	19.209 ug/ml
20) T n-Hexatriacontane (C36)	19.839	1547647	20.387 ug/ml
21) T n-Octatriacontane (C38)	20.540	1478956	22.397 ug/mlm
22) T n-Tetracontane (C40)	21.355	1508174	24.657 ug/ml

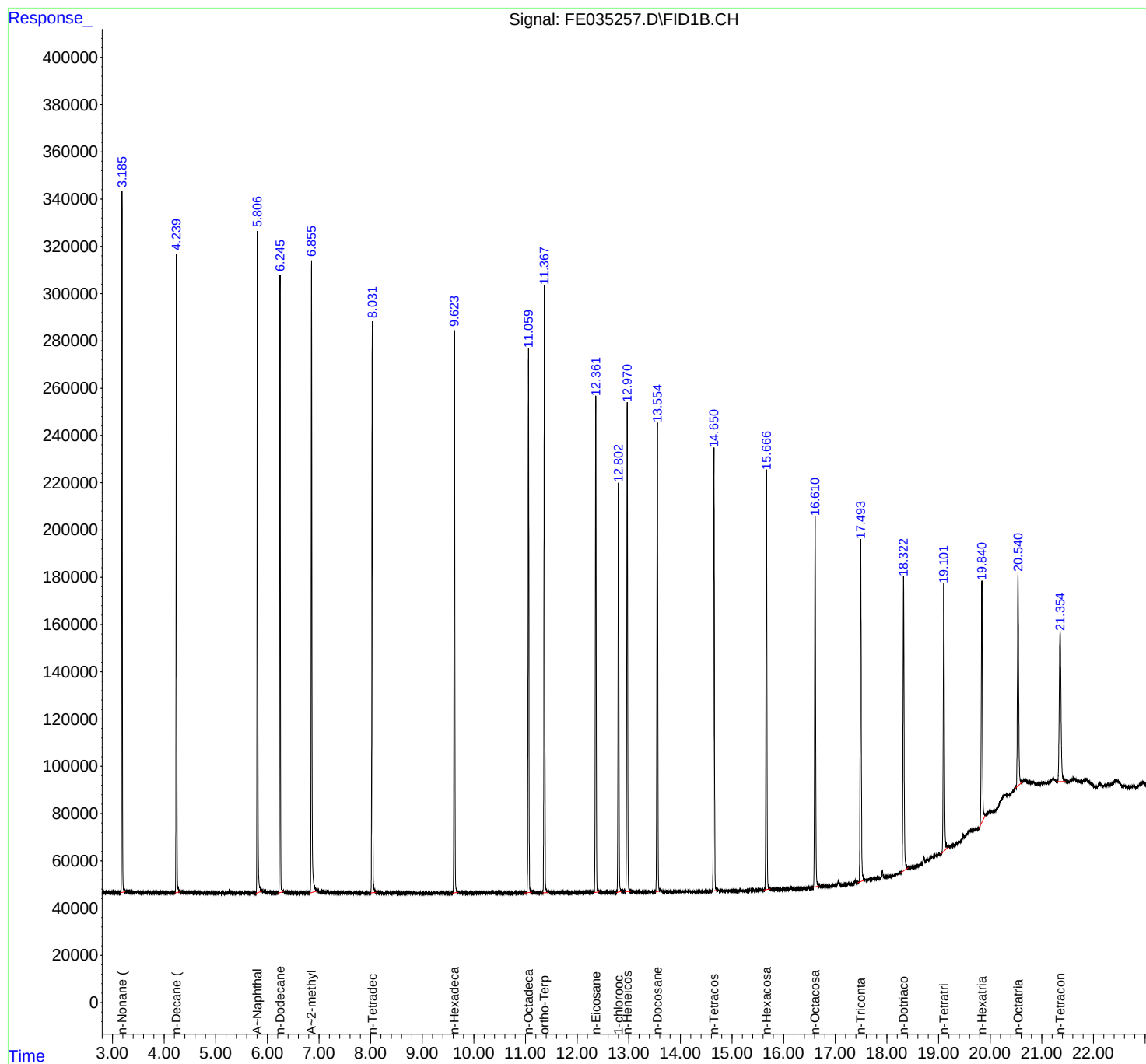
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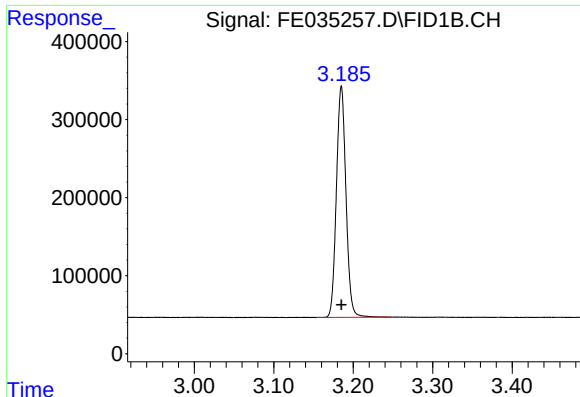
(m)=manual int.

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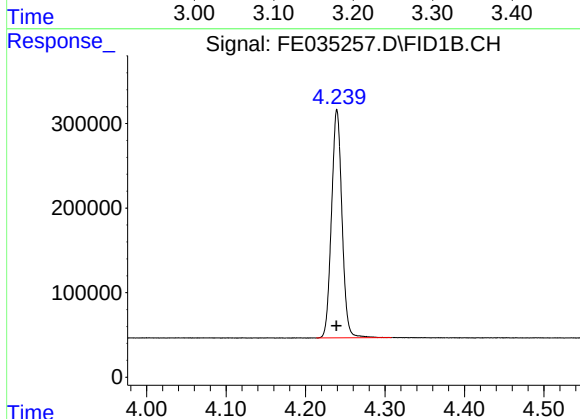
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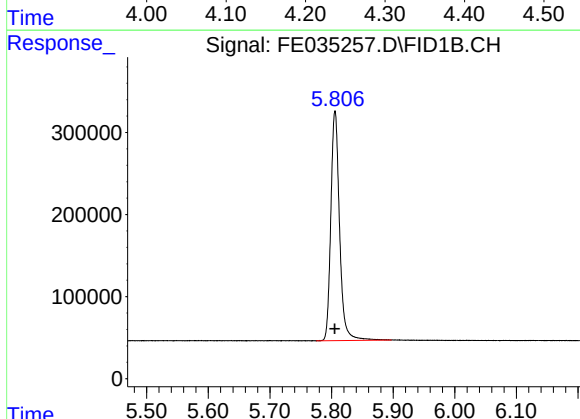
#1 n-Nonane (C9)

R.T.: 3.185 min
Delta R.T.: 0.000 min
Response: 2481554
Conc: 21.61 ug/ml



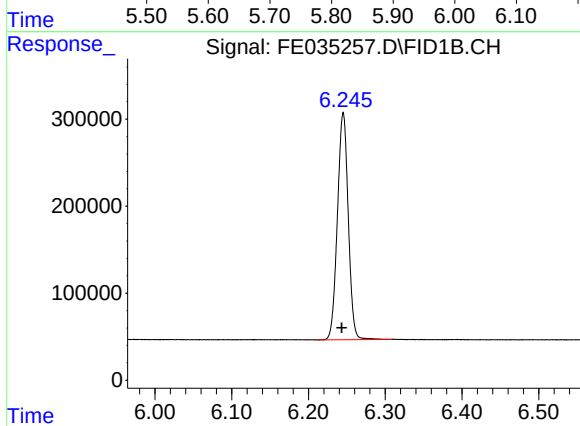
#2 n-Decane (C10)

R.T.: 4.240 min
Delta R.T.: 0.000 min
Response: 2473741
Conc: 21.71 ug/ml



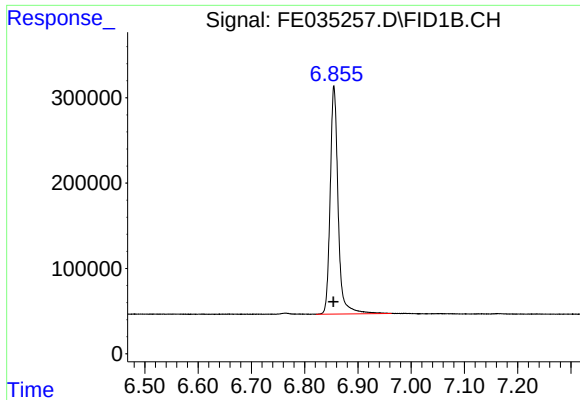
#3 A~Naphthalene (C11.7)

R.T.: 5.806 min
Delta R.T.: 0.000 min
Response: 2751388
Conc: 21.66 ug/ml



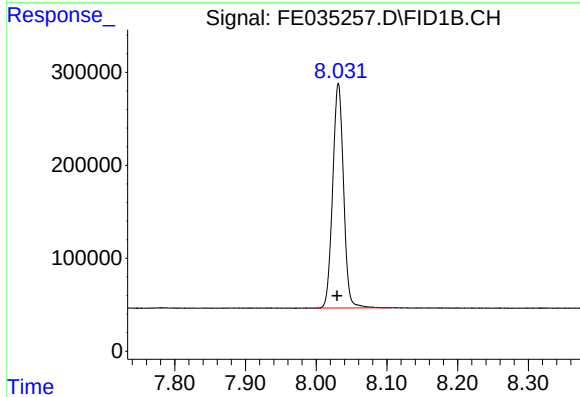
#4 n-Dodecane (C12)

R.T.: 6.245 min
Delta R.T.: 0.002 min
Response: 2554299
Conc: 21.72 ug/ml



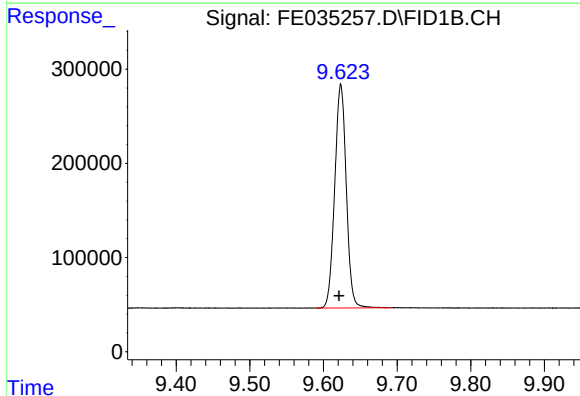
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.855 min
Delta R.T.: 0.002 min
Response: 2770246
Conc: 21.69 ug/ml



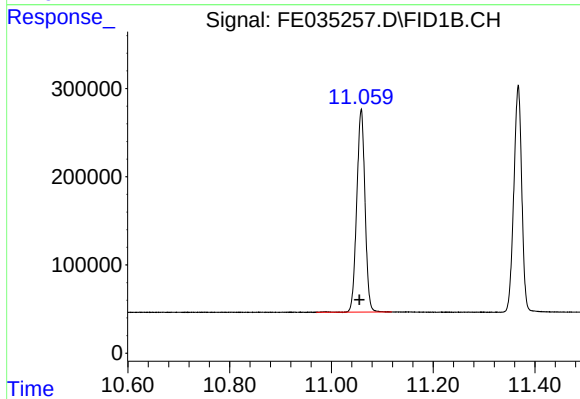
#6 n-Tetradecane (C14)

R.T.: 8.031 min
Delta R.T.: 0.002 min
Response: 2581183
Conc: 21.63 ug/ml



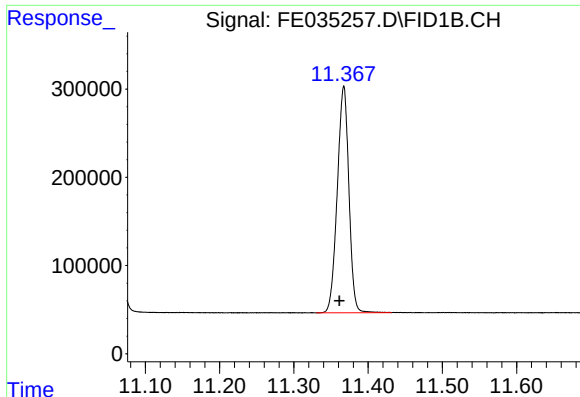
#7 n-Hexadecane (C16)

R.T.: 9.624 min
Delta R.T.: 0.002 min
Response: 2591816
Conc: 21.27 ug/ml



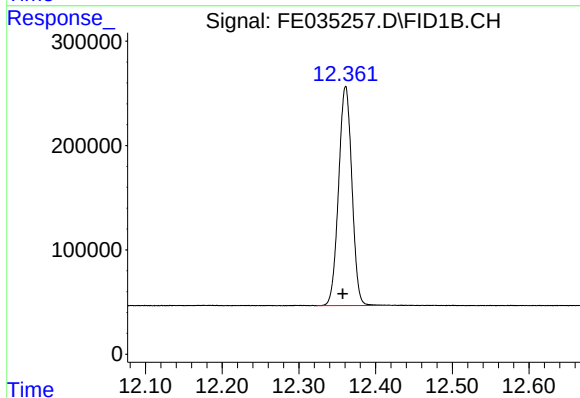
#8 n-Octadecane (C18)

R.T.: 11.059 min
Delta R.T.: 0.004 min
Response: 2597015
Conc: 20.72 ug/ml



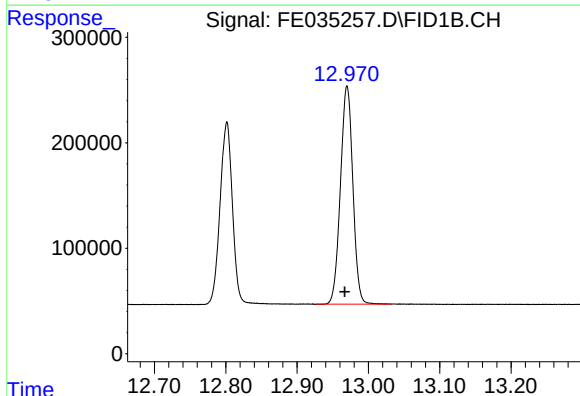
#9 ortho-Terphenyl (SURR)

R.T.: 11.367 min
Delta R.T.: 0.006 min
Response: 2789559
Conc: 20.14 ug/ml



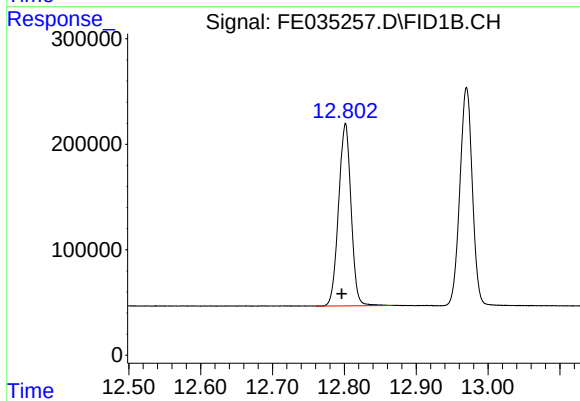
#10 n-Eicosane (C20)

R.T.: 12.361 min
Delta R.T.: 0.004 min
Response: 2526648
Conc: 19.98 ug/ml



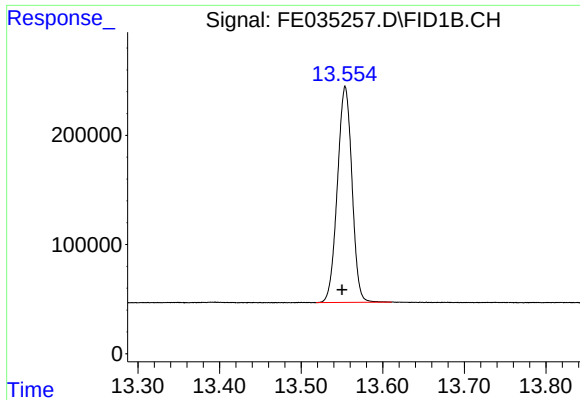
#11 n-Heneicosane (C21)

R.T.: 12.970 min
Delta R.T.: 0.003 min
Response: 2501930
Conc: 19.65 ug/ml



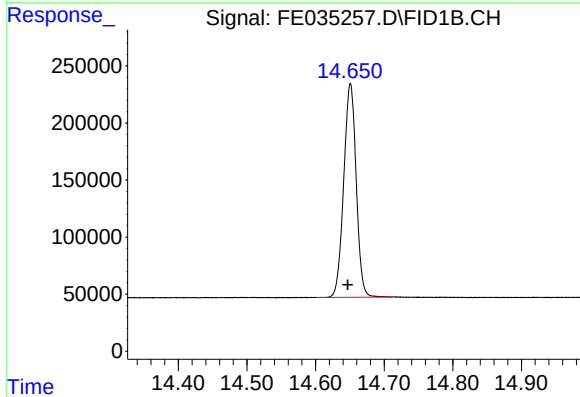
#12 1-chlorooctadecane (SURR)

R.T.: 12.802 min
Delta R.T.: 0.005 min
Response: 2086329
Conc: 19.26 ug/ml



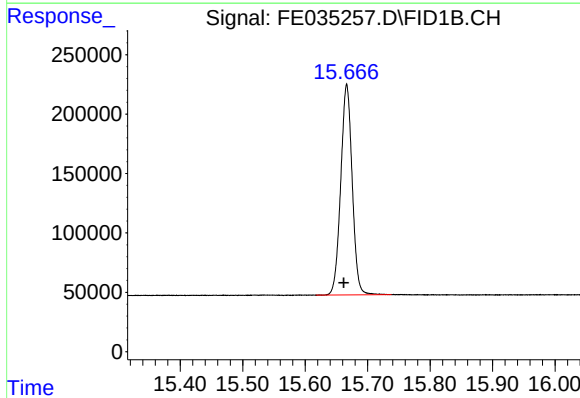
#13 n-Docosane (C22)

R.T.: 13.554 min
Delta R.T.: 0.004 min
Response: 2455129
Conc: 19.33 ug/ml



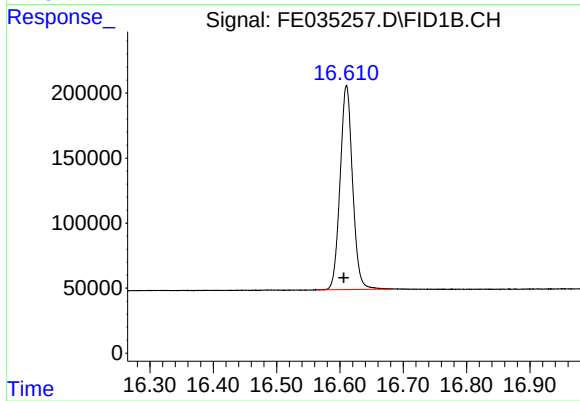
#14 n-Tetracosane (C24)

R.T.: 14.651 min
Delta R.T.: 0.004 min
Response: 2361694
Conc: 18.65 ug/ml



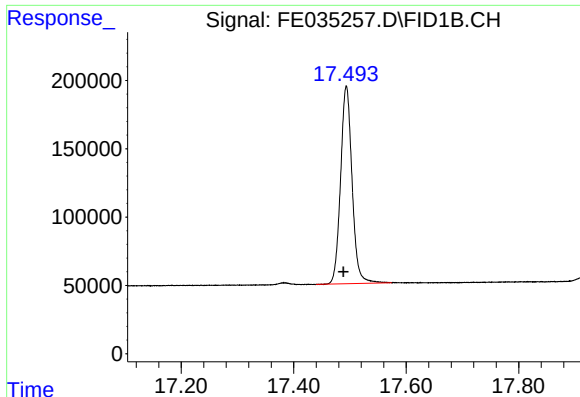
#15 n-Hexacosane (C26)

R.T.: 15.667 min
Delta R.T.: 0.005 min
Response: 2256108
Conc: 18.19 ug/ml



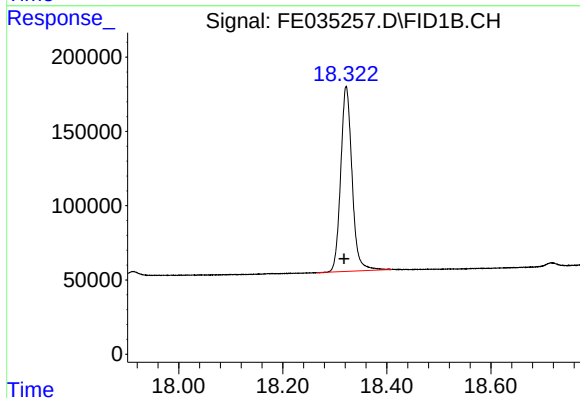
#16 n-Octacosane (C28)

R.T.: 16.610 min
Delta R.T.: 0.004 min
Response: 2146875
Conc: 17.91 ug/ml



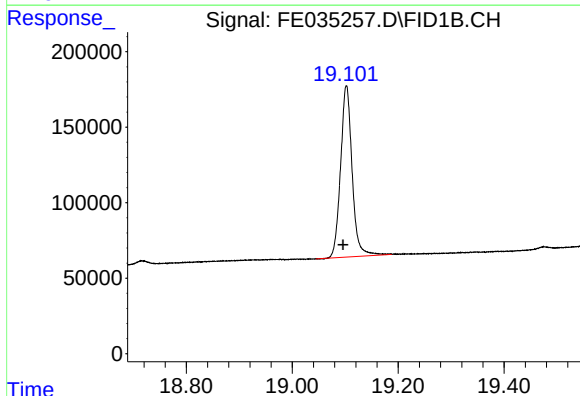
#17 n-Tricontane (C30)

R.T.: 17.494 min
Delta R.T.: 0.005 min
Response: 2051379
Conc: 18.11 ug/ml



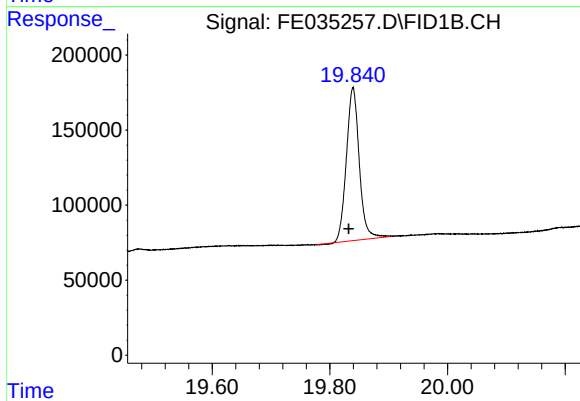
#18 n-Dotriacontane (C32)

R.T.: 18.322 min
Delta R.T.: 0.004 min
Response: 1883689
Conc: 18.50 ug/ml



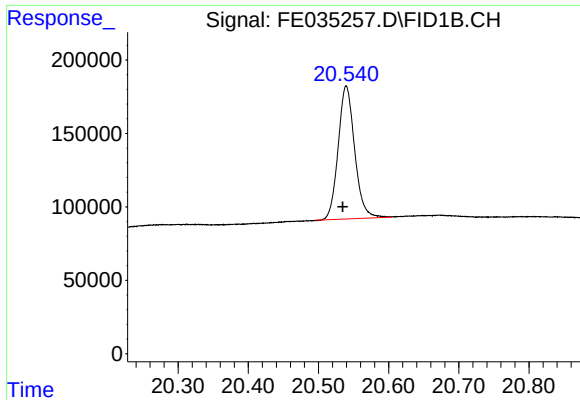
#19 n-Tetratriacontane (C34)

R.T.: 19.102 min
Delta R.T.: 0.006 min
Response: 1713943
Conc: 19.21 ug/ml



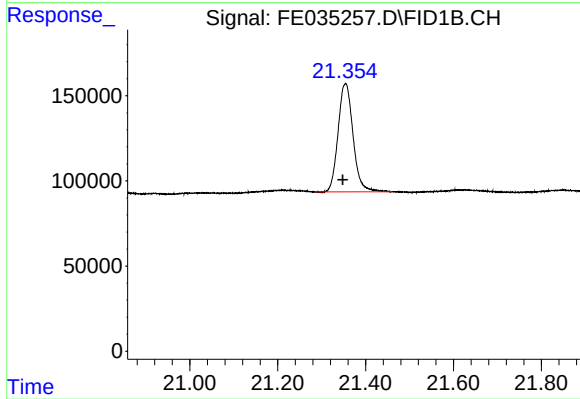
#20 n-Hexatriacontane (C36)

R.T.: 19.839 min
Delta R.T.: 0.008 min
Response: 1547647
Conc: 20.39 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.540 min
Delta R.T.: 0.005 min
Response: 1478956
Conc: 22.40 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.355 min
Delta R.T.: 0.007 min
Response: 1508174
Conc: 24.66 ug/ml