

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081220AL\
 Data File : FC048970.D
 Signal(s) : FID1A.CH
 Acq On : 13 Aug 2020 7:55
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 13 08:37:43 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 080720.M
 Quant Title : GC Extractables
 QLast Update : Sat Aug 08 02:38:47 2020
 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)	11.672	2585653	21.762 ug/ml
Spiked Amount 50.000		Recovery =	43.52%
12) S 1-chlorooctadecane (S...	13.105	2106302	21.652 ug/ml
Spiked Amount 50.000		Recovery =	43.30%
Target Compounds			
1) T n-Nonane (C9)	3.407	2216588	21.252 ug/ml
2) T n-Decane (C10)	4.482	2263024	21.576 ug/ml
3) T A~Naphthalene (C11.7)	6.078	2561609	21.660 ug/ml
4) T n-Dodecane (C12)	6.507	2295130	21.639 ug/ml
5) T A~2-methylnaphthalene...	7.137	2617028	21.705 ug/ml
6) T n-Tetradecane (C14)	8.305	2349739	22.313 ug/ml
7) T n-Hexadecane (C16)	9.907	2276568	21.689 ug/ml
8) T n-Octadecane (C18)	11.349	2382434	21.686 ug/ml
10) T n-Eicosane (C20)	12.660	2413135	21.685 ug/ml
11) T n-Heneicosane (C21)	13.271	2415701	21.625 ug/ml
13) T n-Docosane (C22)	13.856	2426053	21.584 ug/ml
14) T n-Tetracosane (C24)	14.960	2442690	21.486 ug/ml
15) T n-Hexacosane (C26)	15.978	2425456	21.198 ug/ml
16) T n-Octacosane (C28)	16.925	2409680	20.712 ug/ml
17) T n-Tricontane (C30)	17.811	2339001	20.234 ug/ml
18) T n-Dotriacontane (C32)	18.644	2114869	19.559 ug/ml
19) T n-Tetratriacontane (C34)	19.424	1944831	18.751 ug/ml
20) T n-Hexatriacontane (C36)	20.162	1811668	18.221 ug/ml
21) T n-Octatriacontane (C38)	20.917	1705175	18.032 ug/ml
22) T n-Tetracontane (C40)	21.861	1716226	17.978 ug/ml

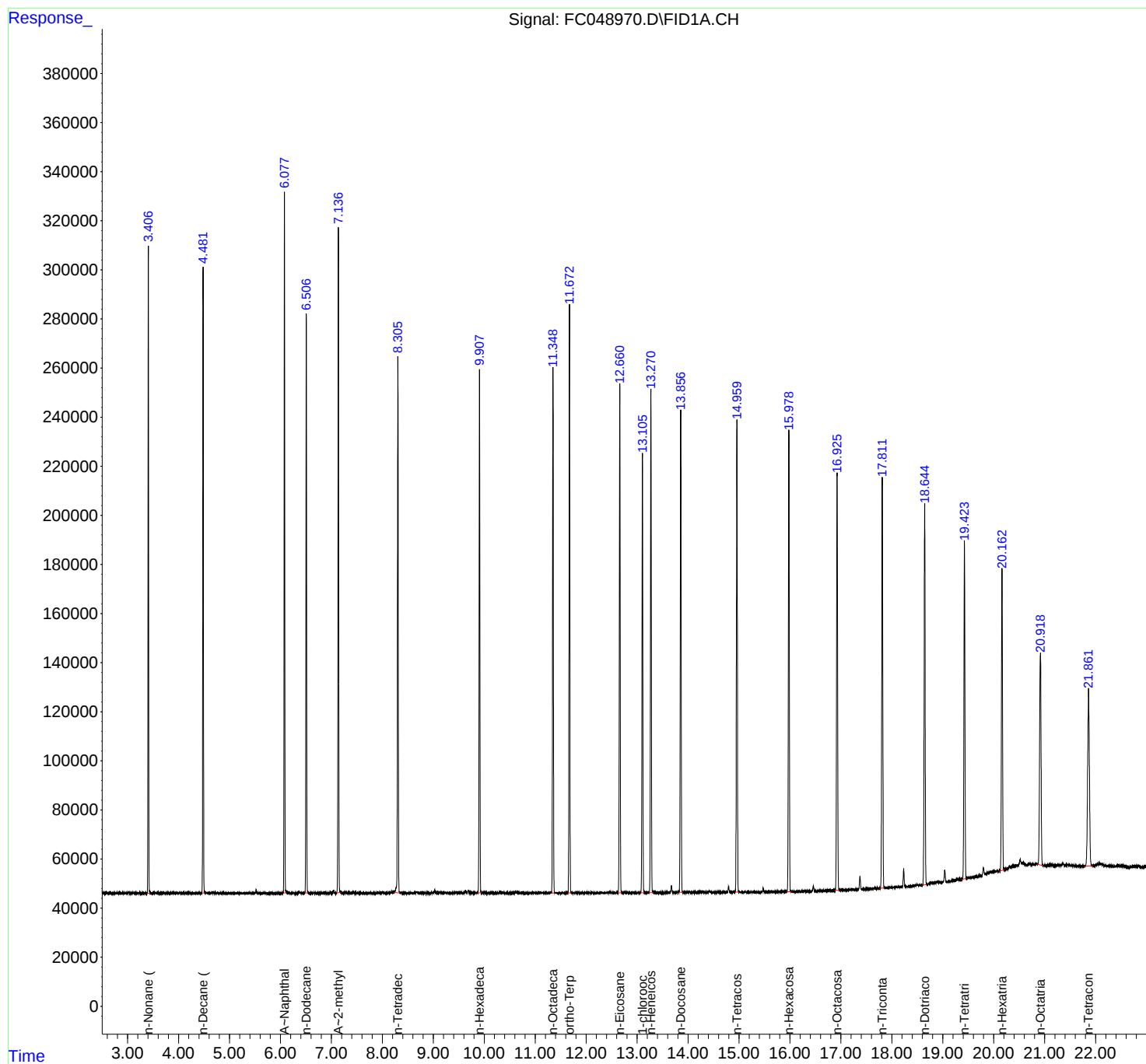
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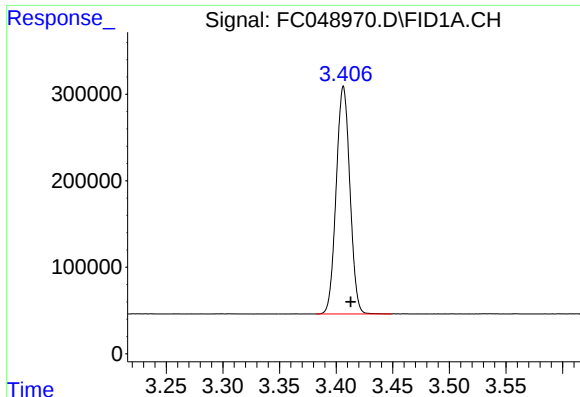
(m)=manual int.

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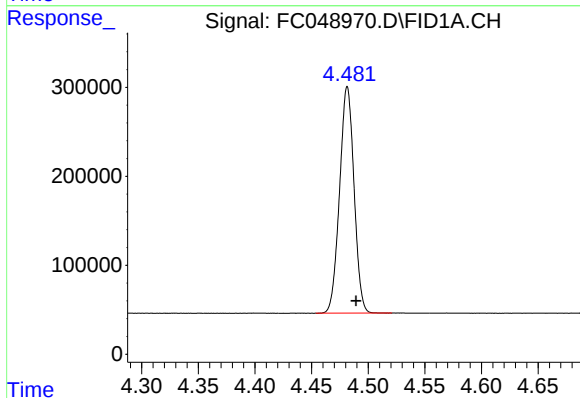
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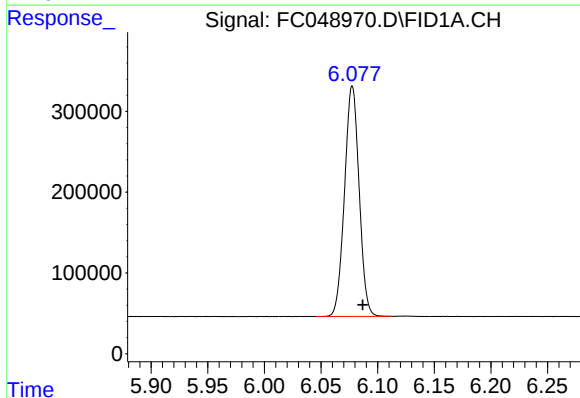
#1 n-Nonane (C9)

R.T.: 3.407 min
Delta R.T.: -0.006 min
Response: 2216588
Conc: 21.25 ug/ml



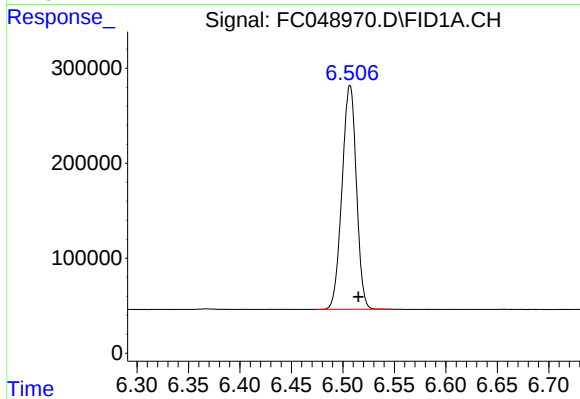
#2 n-Decane (C10)

R.T.: 4.482 min
Delta R.T.: -0.008 min
Response: 2263024
Conc: 21.58 ug/ml



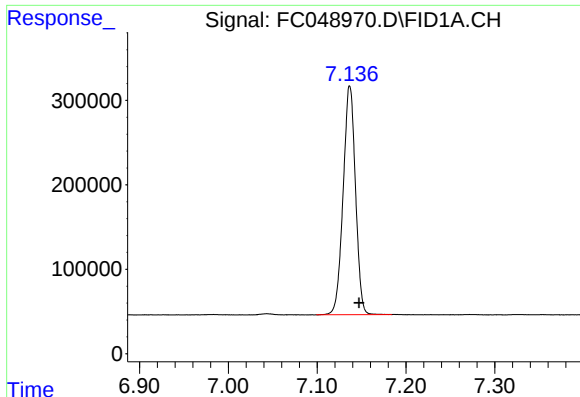
#3 A~Naphthalene (C11.7)

R.T.: 6.078 min
Delta R.T.: -0.009 min
Response: 2561609
Conc: 21.66 ug/ml



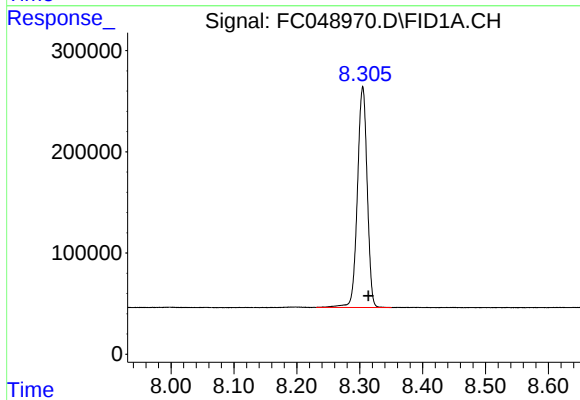
#4 n-Dodecane (C12)

R.T.: 6.507 min
Delta R.T.: -0.008 min
Response: 2295130
Conc: 21.64 ug/ml



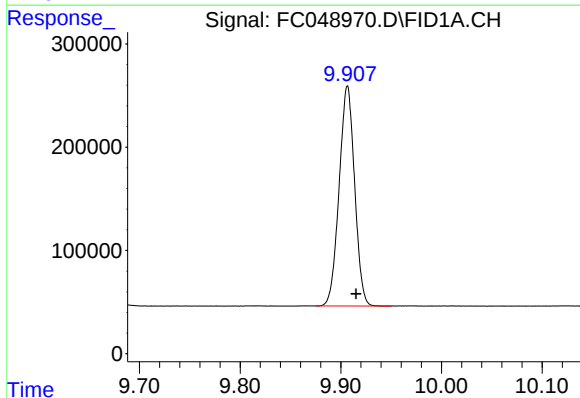
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.137 min
Delta R.T.: -0.010 min
Response: 2617028
Conc: 21.71 ug/ml



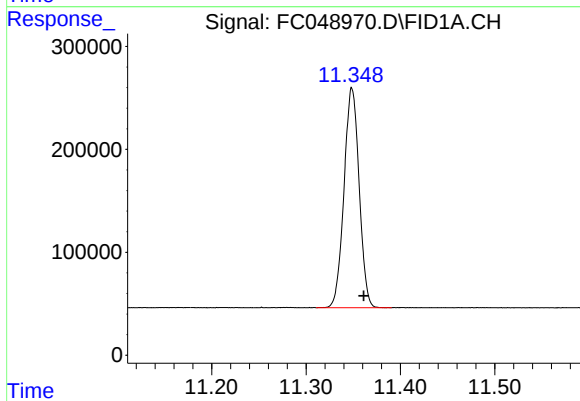
#6 n-Tetradecane (C14)

R.T.: 8.305 min
Delta R.T.: -0.009 min
Response: 2349739
Conc: 22.31 ug/ml



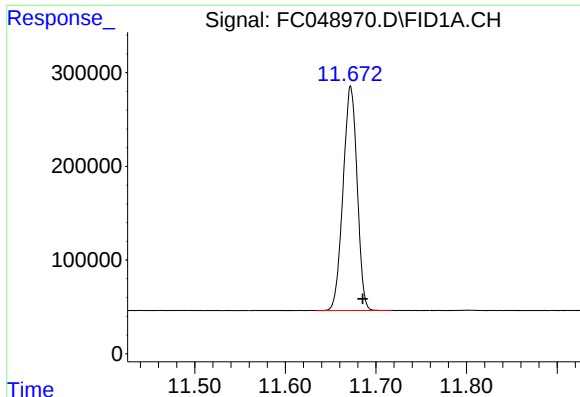
#7 n-Hexadecane (C16)

R.T.: 9.907 min
Delta R.T.: -0.009 min
Response: 2276568
Conc: 21.69 ug/ml



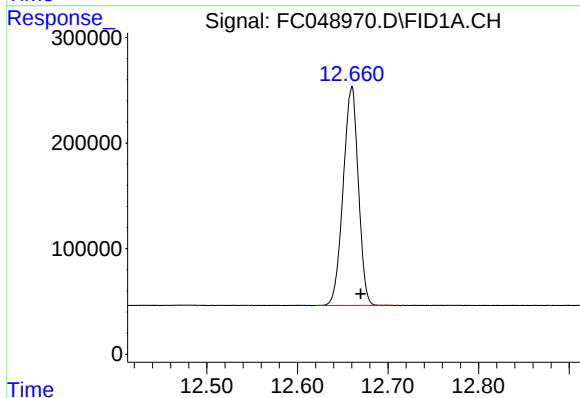
#8 n-Octadecane (C18)

R.T.: 11.349 min
Delta R.T.: -0.012 min
Response: 2382434
Conc: 21.69 ug/ml



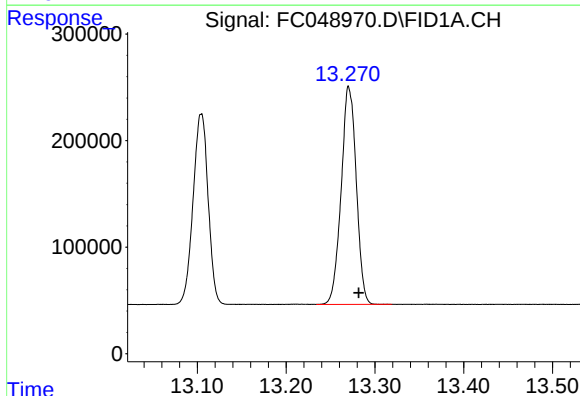
#9 ortho-Terphenyl (SURR)

R.T.: 11.672 min
Delta R.T.: -0.013 min
Response: 2585653
Conc: 21.76 ug/ml



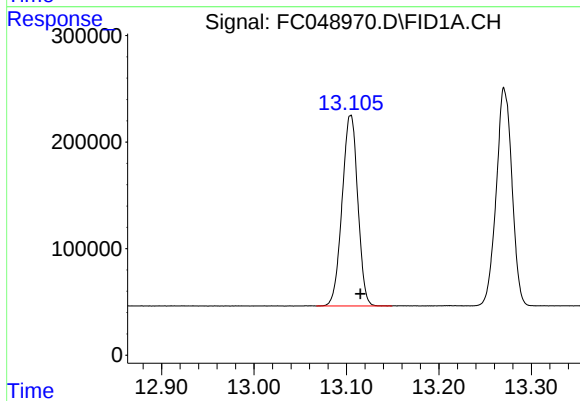
#10 n-Eicosane (C20)

R.T.: 12.660 min
Delta R.T.: -0.010 min
Response: 2413135
Conc: 21.68 ug/ml



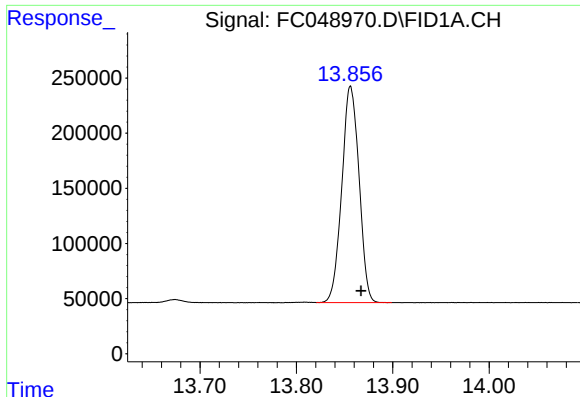
#11 n-Heneicosane (C21)

R.T.: 13.271 min
Delta R.T.: -0.011 min
Response: 2415701
Conc: 21.63 ug/ml



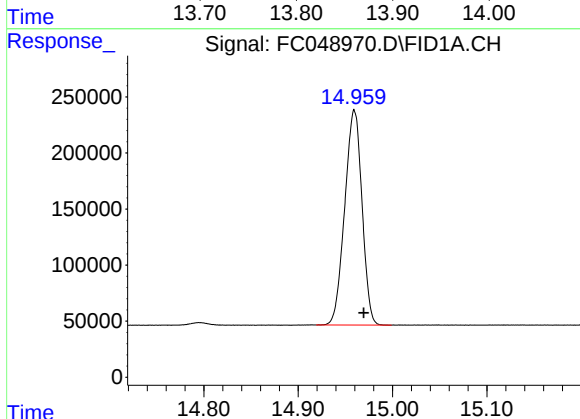
#12 1-chlorooctadecane (SURR)

R.T.: 13.105 min
Delta R.T.: -0.010 min
Response: 2106302
Conc: 21.65 ug/ml



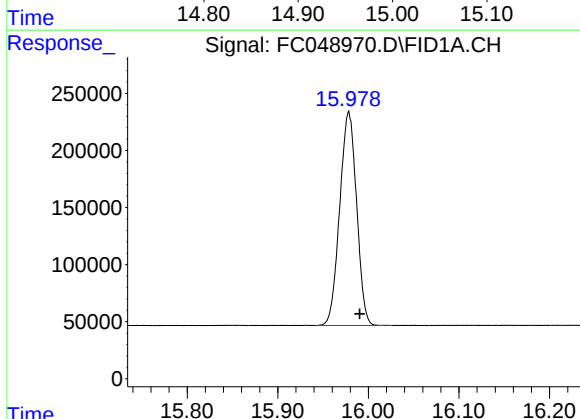
#13 n-Docosane (C22)

R.T.: 13.856 min
Delta R.T.: -0.011 min
Response: 2426053
Conc: 21.58 ug/ml



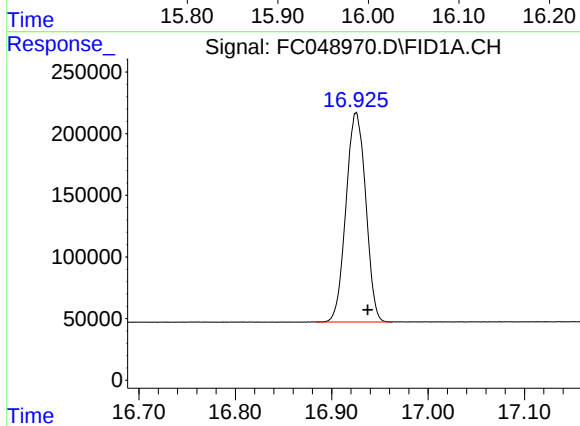
#14 n-Tetracosane (C24)

R.T.: 14.960 min
Delta R.T.: -0.010 min
Response: 2442690
Conc: 21.49 ug/ml



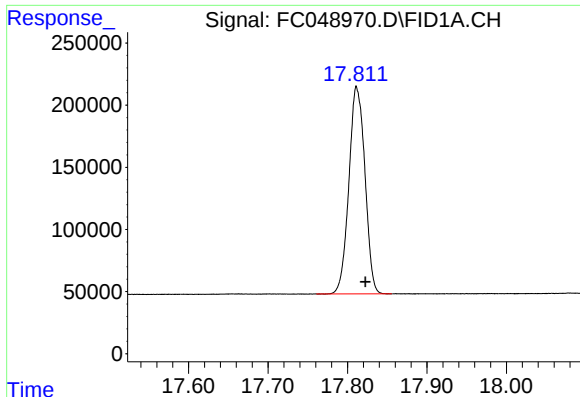
#15 n-Hexacosane (C26)

R.T.: 15.978 min
Delta R.T.: -0.012 min
Response: 2425456
Conc: 21.20 ug/ml



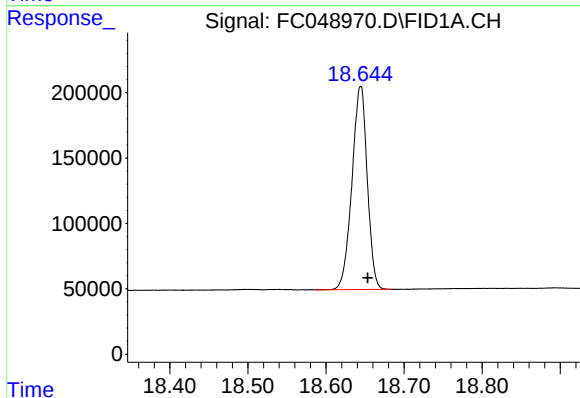
#16 n-Octacosane (C28)

R.T.: 16.925 min
Delta R.T.: -0.012 min
Response: 2409680
Conc: 20.71 ug/ml



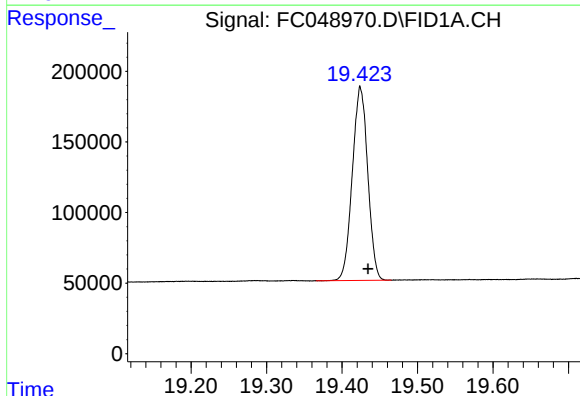
#17 n-Tricontane (C30)

R.T.: 17.811 min
Delta R.T.: -0.011 min
Response: 2339001
Conc: 20.23 ug/ml



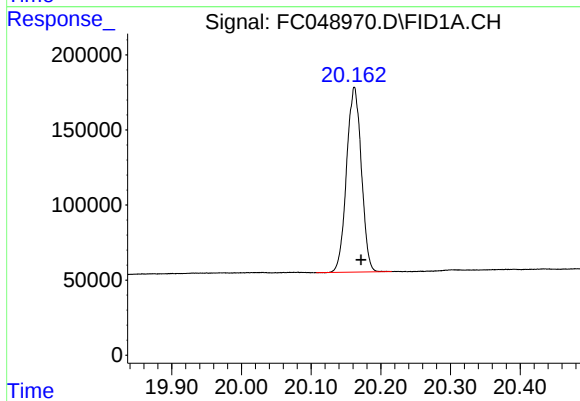
#18 n-Dotriacontane (C32)

R.T.: 18.644 min
Delta R.T.: -0.009 min
Response: 2114869
Conc: 19.56 ug/ml



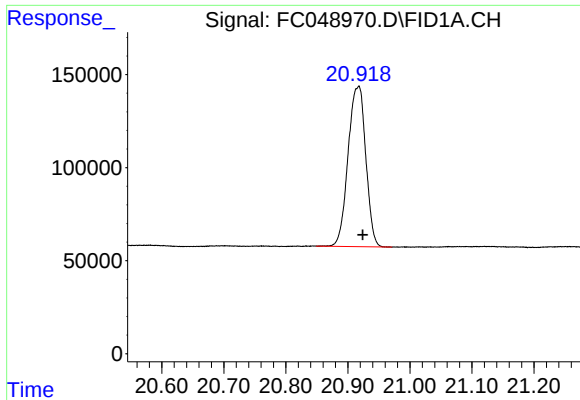
#19 n-Tetratriacontane (C34)

R.T.: 19.424 min
Delta R.T.: -0.010 min
Response: 1944831
Conc: 18.75 ug/ml



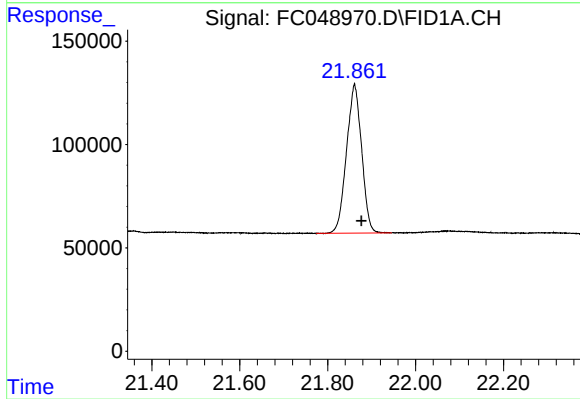
#20 n-Hexatriacontane (C36)

R.T.: 20.162 min
Delta R.T.: -0.010 min
Response: 1811668
Conc: 18.22 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.917 min
Delta R.T.: -0.007 min
Response: 1705175
Conc: 18.03 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.861 min
Delta R.T.: -0.016 min
Response: 1716226
Conc: 17.98 ug/ml