

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE011022AL\
 Data File : FE034703.D
 Signal(s) : FID1B.CH
 Acq On : 10 Jan 2022 12:19
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 11 01:21:00 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 010622.M
 Quant Title : GC Extractables
 QLast Update : Fri Jan 07 12:52:40 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)	11.095	2637394	19.064 ug/ml
Spiked Amount 50.000		Recovery =	38.13%
12) S 1-chlorooctadecane (S...	12.529	2020579	19.191 ug/ml
Spiked Amount 50.000		Recovery =	38.38%
Target Compounds			
1) T n-Nonane (C9)	2.931	2385079	20.456 ug/ml
2) T n-Decane (C10)	3.963	2439636	20.634 ug/ml
3) T A~Naphthalene (C11.7)	5.529	2703939	20.494 ug/ml
4) T n-Dodecane (C12)	5.961	2445770	20.546 ug/ml
5) T A~2-methylnaphthalene...	6.578	2720058	20.423 ug/ml
6) T n-Tetradecane (C14)	7.750	2475883	20.394 ug/ml
7) T n-Hexadecane (C16)	9.345	2452290	20.133 ug/ml
8) T n-Octadecane (C18)	10.782	2456236	19.698 ug/ml
10) T n-Eicosane (C20)	12.087	2371772	19.231 ug/ml
11) T n-Heneicosane (C21)	12.697	2361736	18.975 ug/ml
13) T n-Docosane (C22)	13.281	2305551	18.700 ug/ml
14) T n-Tetracosane (C24)	14.380	2238006	18.187 ug/ml
15) T n-Hexacosane (C26)	15.397	2143596	17.990 ug/ml
16) T n-Octacosane (C28)	16.344	2096750	18.135 ug/ml
17) T n-Tricontane (C30)	17.228	2089873	19.145 ug/ml
18) T n-Dotriacontane (C32)	18.059	1956329	20.405 ug/ml
19) T n-Tetratriacontane (C34)	18.840	1746169	21.056 ug/ml
20) T n-Hexatriacontane (C36)	19.577	1657188	24.268 ug/ml
21) T n-Octatriacontane (C38)	20.285	3025646	52.491 ug/ml
22) T n-Tetracontane (C40)	21.130	1141070	22.823 ug/ml

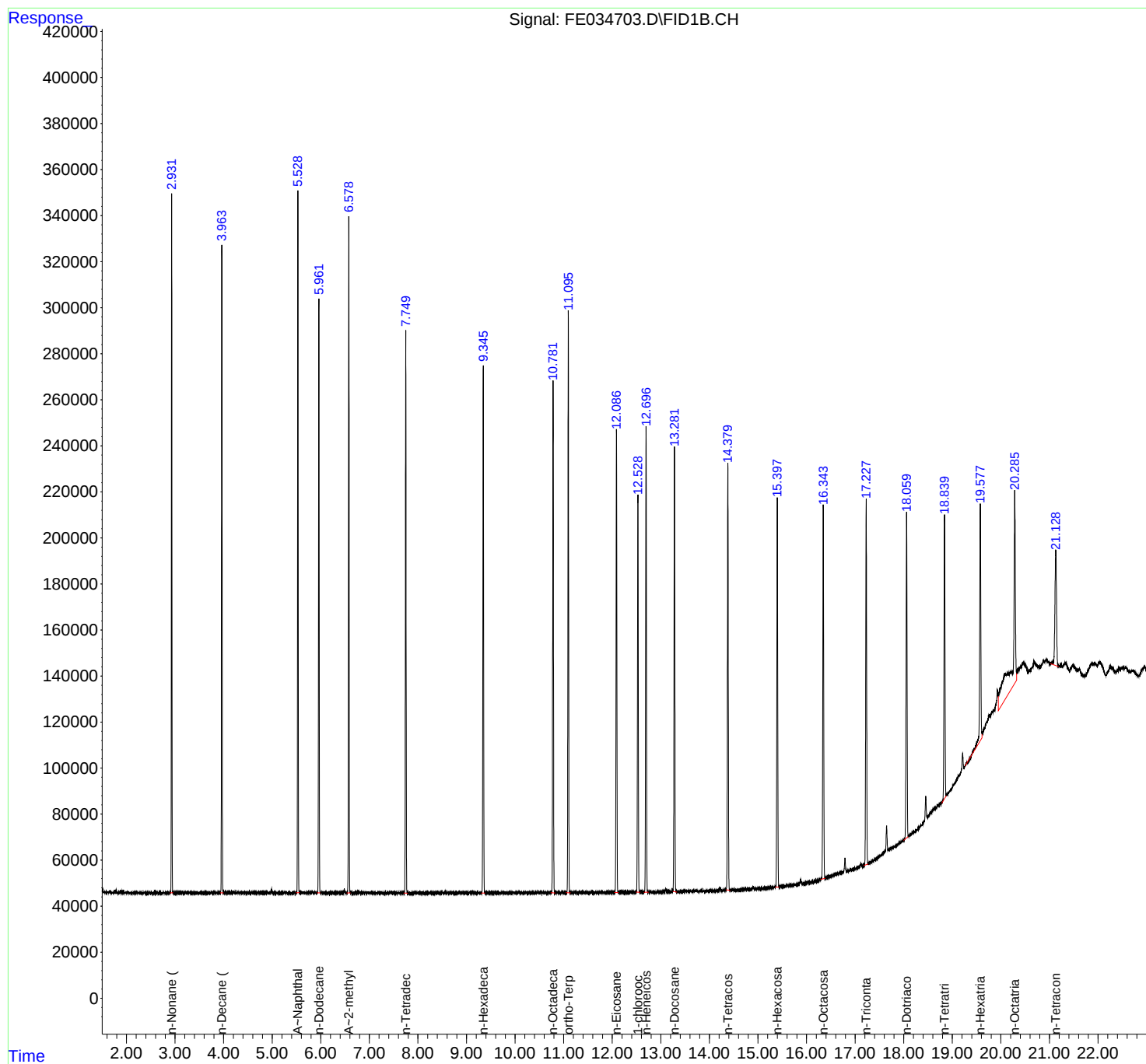
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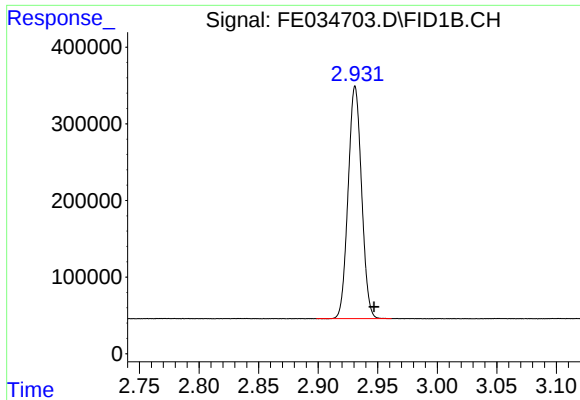
(m)=manual int.

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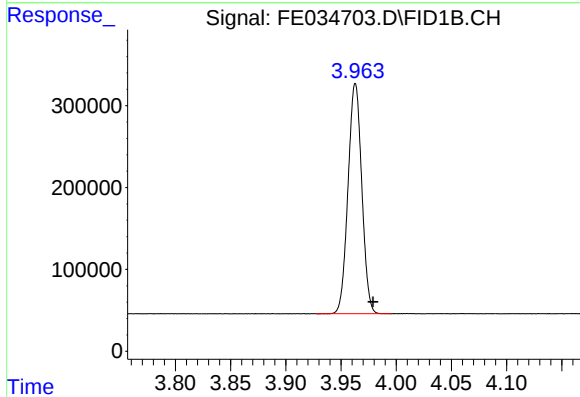
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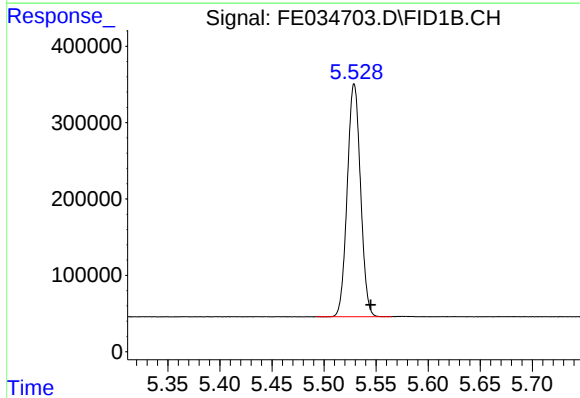
#1 n-Nonane (C9)

R.T.: 2.931 min
Delta R.T.: -0.016 min
Response: 2385079
Conc: 20.46 ug/ml



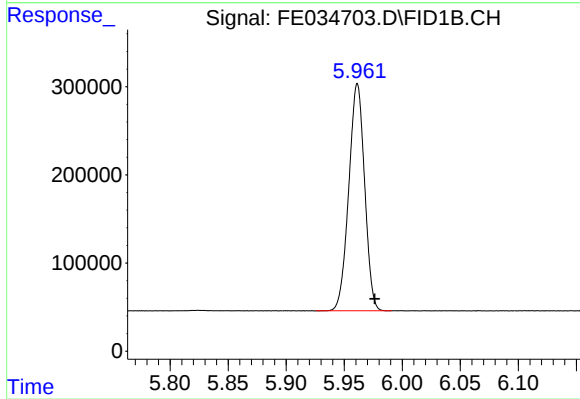
#2 n-Decane (C10)

R.T.: 3.963 min
Delta R.T.: -0.016 min
Response: 2439636
Conc: 20.63 ug/ml



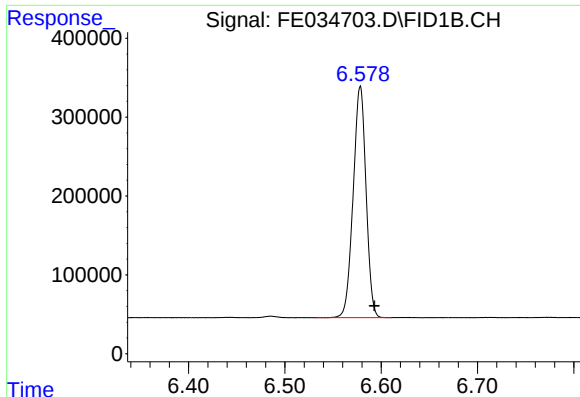
#3 A~Naphthalene (C11.7)

R.T.: 5.529 min
Delta R.T.: -0.016 min
Response: 2703939
Conc: 20.49 ug/ml



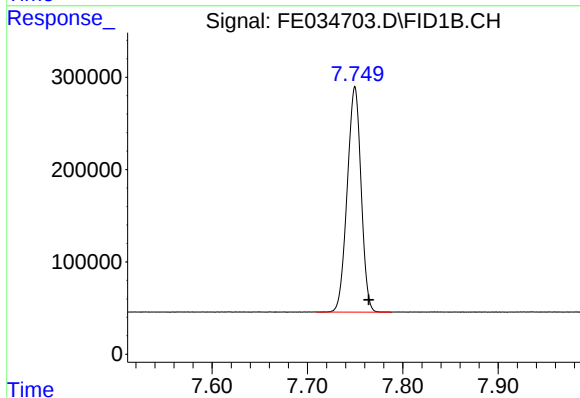
#4 n-Dodecane (C12)

R.T.: 5.961 min
Delta R.T.: -0.015 min
Response: 2445770
Conc: 20.55 ug/ml



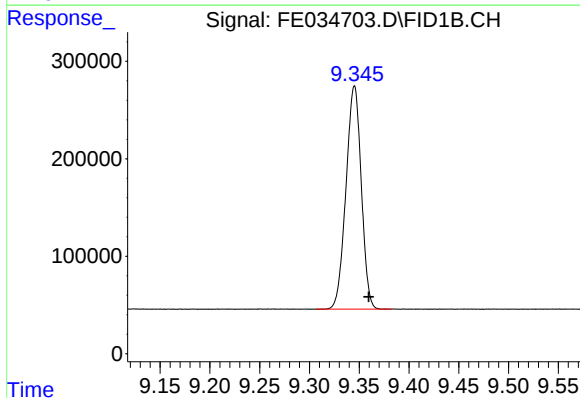
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.578 min
Delta R.T.: -0.015 min
Response: 2720058
Conc: 20.42 ug/ml



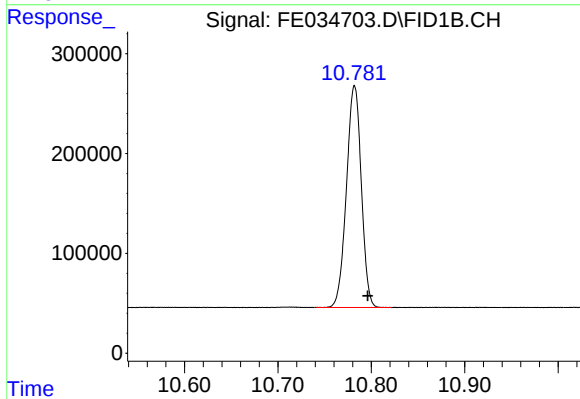
#6 n-Tetradecane (C14)

R.T.: 7.750 min
Delta R.T.: -0.014 min
Response: 2475883
Conc: 20.39 ug/ml



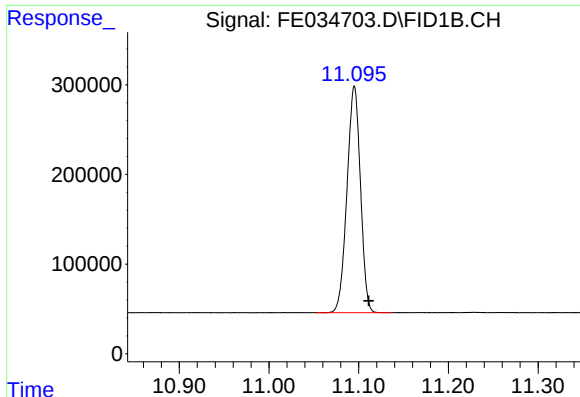
#7 n-Hexadecane (C16)

R.T.: 9.345 min
Delta R.T.: -0.014 min
Response: 2452290
Conc: 20.13 ug/ml



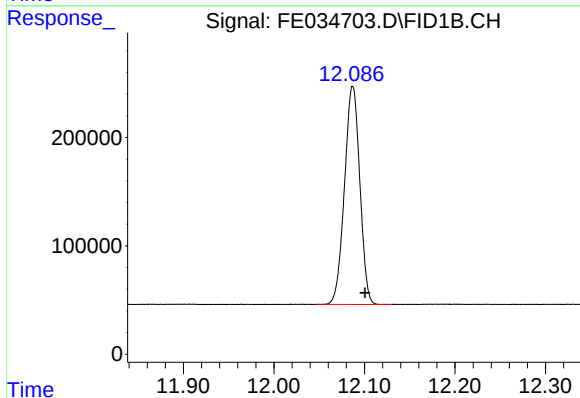
#8 n-Octadecane (C18)

R.T.: 10.782 min
Delta R.T.: -0.014 min
Response: 2456236
Conc: 19.70 ug/ml



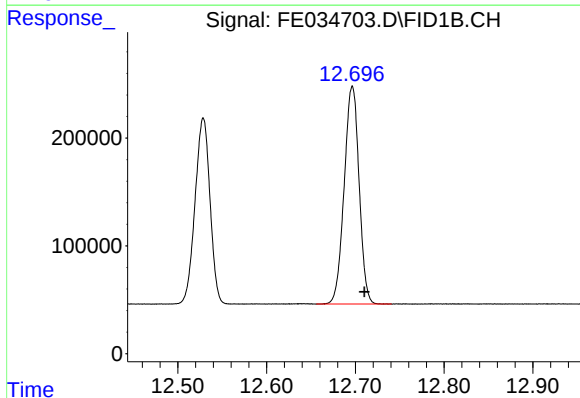
#9 ortho-Terphenyl (SURR)

R.T.: 11.095 min
Delta R.T.: -0.016 min
Response: 2637394
Conc: 19.06 ug/ml



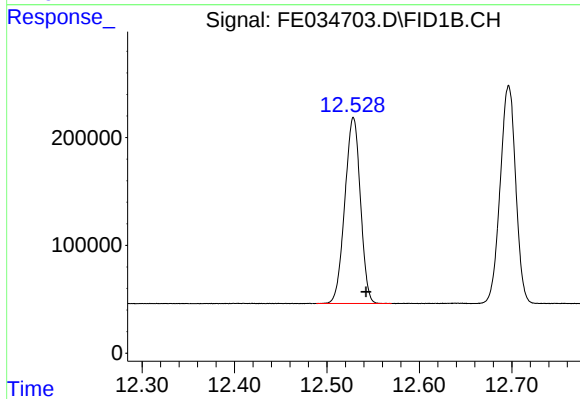
#10 n-Eicosane (C20)

R.T.: 12.087 min
Delta R.T.: -0.014 min
Response: 2371772
Conc: 19.23 ug/ml



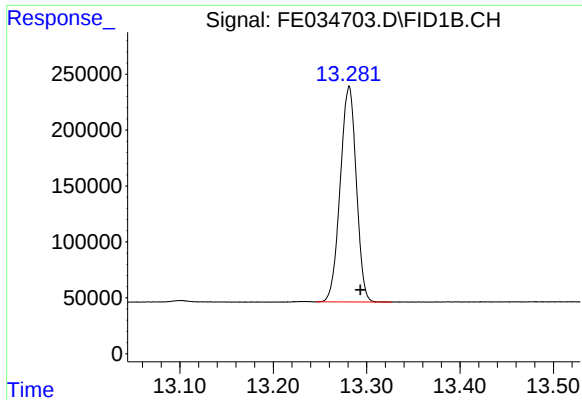
#11 n-Heneicosane (C21)

R.T.: 12.697 min
Delta R.T.: -0.014 min
Response: 2361736
Conc: 18.97 ug/ml



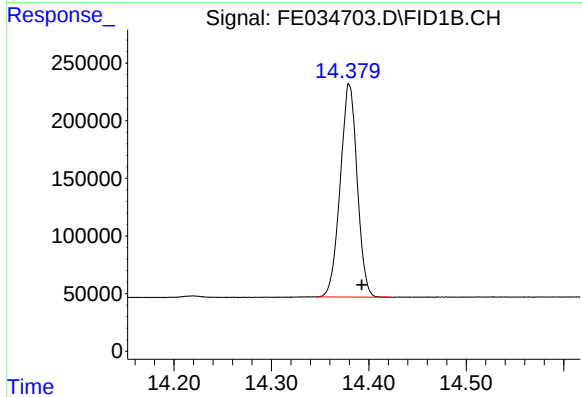
#12 1-chlorooctadecane (SURR)

R.T.: 12.529 min
Delta R.T.: -0.014 min
Response: 2020579
Conc: 19.19 ug/ml



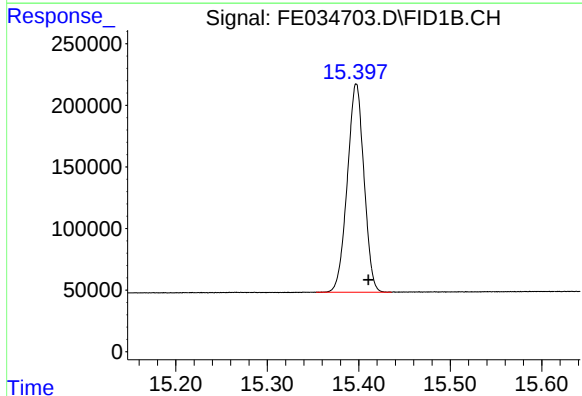
#13 n-Docosane (C22)

R.T.: 13.281 min
Delta R.T.: -0.012 min
Response: 2305551
Conc: 18.70 ug/ml



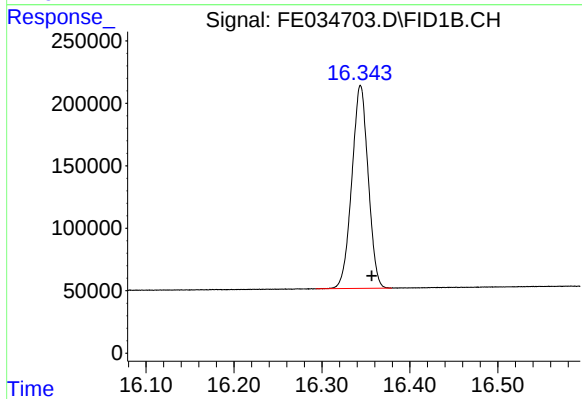
#14 n-Tetracosane (C24)

R.T.: 14.380 min
Delta R.T.: -0.013 min
Response: 2238006
Conc: 18.19 ug/ml



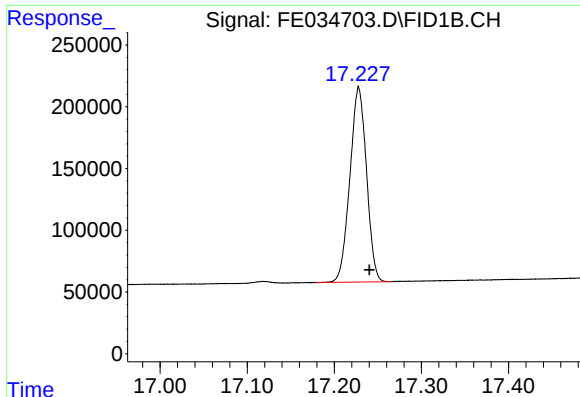
#15 n-Hexacosane (C26)

R.T.: 15.397 min
Delta R.T.: -0.013 min
Response: 2143596
Conc: 17.99 ug/ml



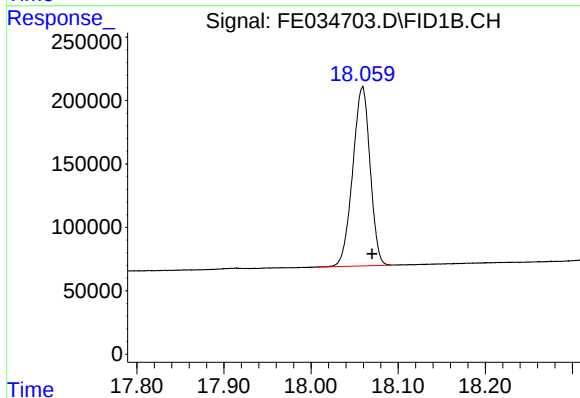
#16 n-Octacosane (C28)

R.T.: 16.344 min
Delta R.T.: -0.013 min
Response: 2096750
Conc: 18.14 ug/ml



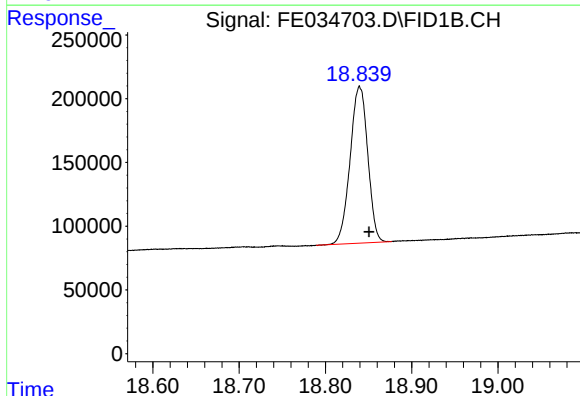
#17 n-Tricontane (C30)

R.T.: 17.228 min
Delta R.T.: -0.012 min
Response: 2089873
Conc: 19.14 ug/ml



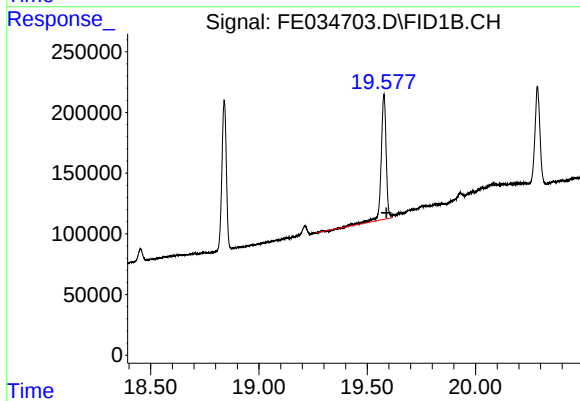
#18 n-Dotriacontane (C32)

R.T.: 18.059 min
Delta R.T.: -0.011 min
Response: 1956329
Conc: 20.40 ug/ml



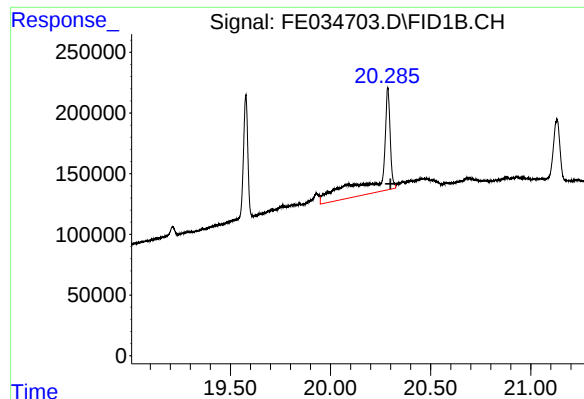
#19 n-Tetratriacontane (C34)

R.T.: 18.840 min
Delta R.T.: -0.011 min
Response: 1746169
Conc: 21.06 ug/ml



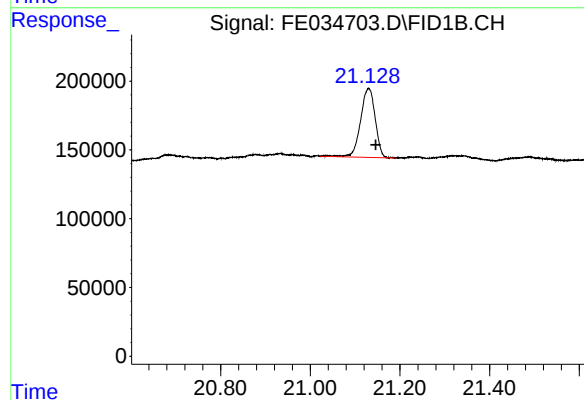
#20 n-Hexatriacontane (C36)

R.T.: 19.577 min
Delta R.T.: -0.012 min
Response: 1657188
Conc: 24.27 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.285 min
Delta R.T.: -0.013 min
Response: 3025646
Conc: 52.49 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.130 min
Delta R.T.: -0.016 min
Response: 1141070
Conc: 22.82 ug/ml