

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102819AL\
 Data File : FD031254.D
 Signal(s) : FID2B.CH
 Acq On : 28 Oct 2019 22:50
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 29 08:15:21 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 101419.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 15 07:46:23 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)	11.428	2570688	20.497 ug/ml
Spiked Amount 50.000		Recovery =	40.99%
12) S 1-chlorooctadecane (S...	12.857	1922663	20.535 ug/ml
Spiked Amount 50.000		Recovery =	41.07%
Target Compounds			
1) T n-Nonane (C9)	3.255	2424931	23.182 ug/ml
2) T n-Decane (C10)	4.309	2447223	23.345 ug/ml
3) T A~Naphthalene (C11.7)	5.878	2624017	22.900 ug/ml
4) T n-Dodecane (C12)	6.311	2467738	23.072 ug/ml
5) T A~2-methylnaphthalene...	6.928	2602188	22.574 ug/ml
6) T n-Tetradecane (C14)	8.095	2432520	22.618 ug/ml
7) T n-Hexadecane (C16)	9.685	2390540	22.198 ug/ml
8) T n-Octadecane (C18)	11.117	2349025	21.486 ug/ml
10) T n-Eicosane (C20)	12.417	2288994	20.934 ug/ml
11) T n-Heneicosane (C21)	13.024	2274087	20.691 ug/ml
13) T n-Docosane (C22)	13.607	2236049	20.446 ug/ml
14) T n-Tetracosane (C24)	14.701	2205937	20.199 ug/ml
15) T n-Hexacosane (C26)	15.714	2150487	19.871 ug/ml
16) T n-Octacosane (C28)	16.657	2155317	20.077 ug/ml
17) T n-Tricontane (C30)	17.536	2170432	20.375 ug/ml
18) T n-Dotriacontane (C32)	18.362	2125123	20.643 ug/ml
19) T n-Tetratriacontane (C34)	19.139	2113946	21.511 ug/ml
20) T n-Hexatriacontane (C36)	19.873	2001698	21.730 ug/ml
21) T n-Octatriacontane (C38)	20.575	1914110	22.118 ug/ml
22) T n-Tetracontane (C40)	21.403	2134833	24.026 ug/ml

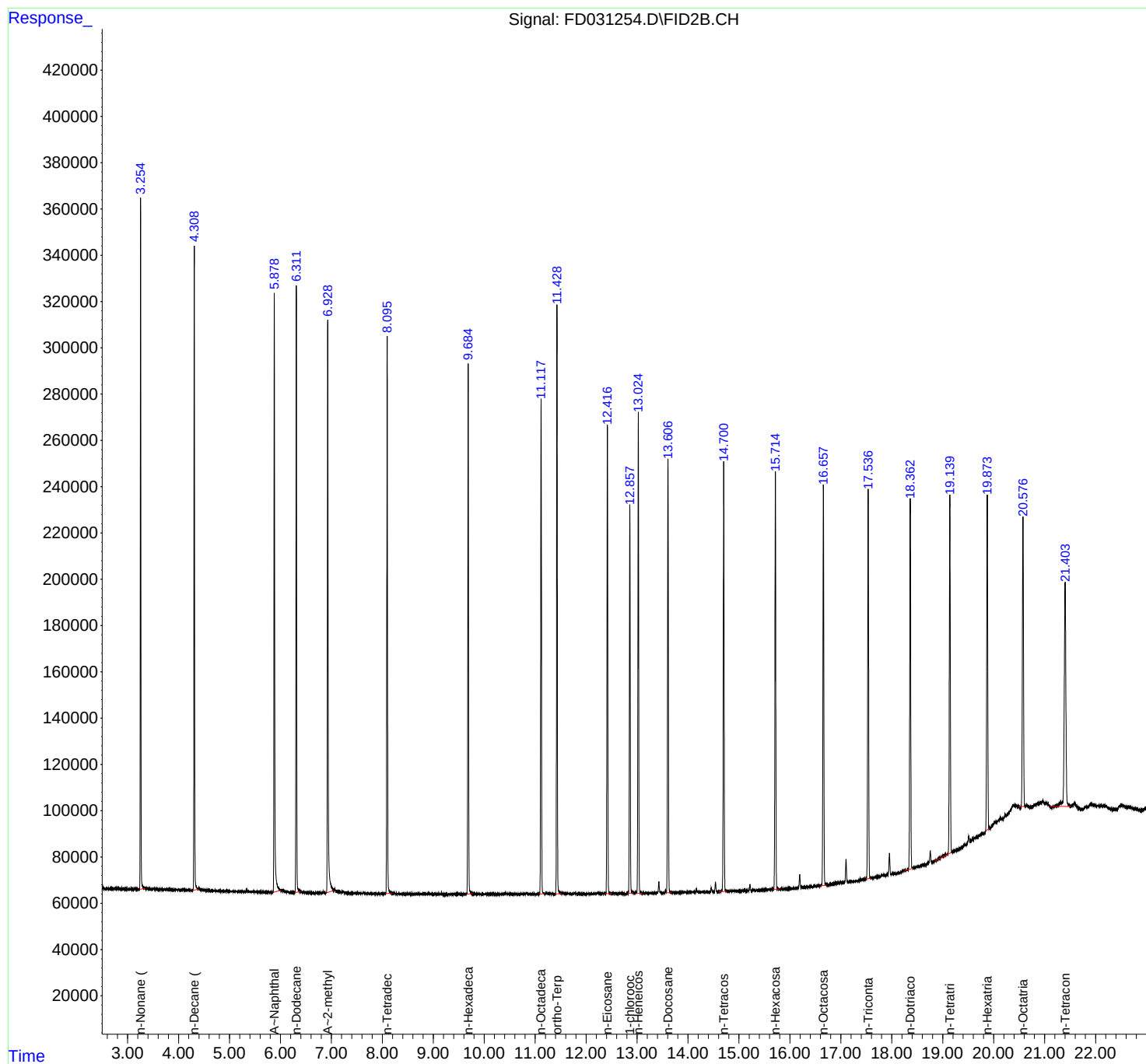
(f)=RT Delta > 1/2 Window

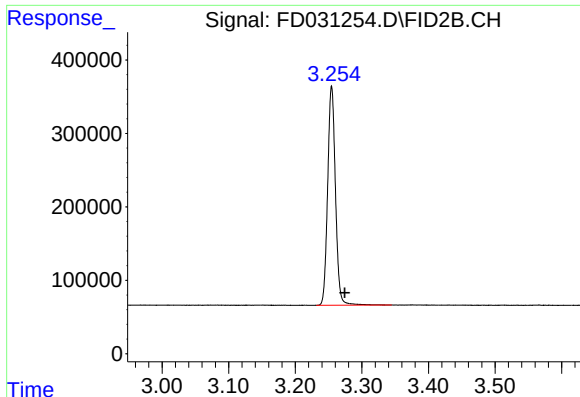
(m)=manual int.

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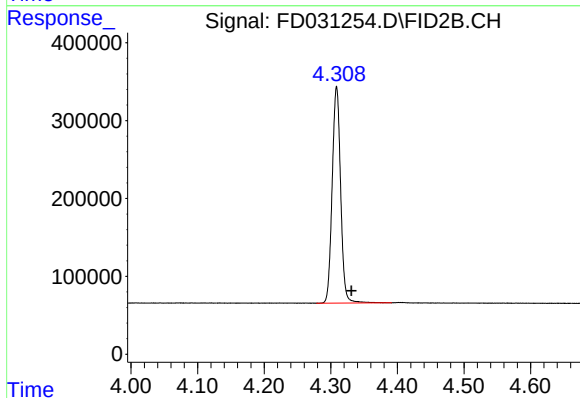
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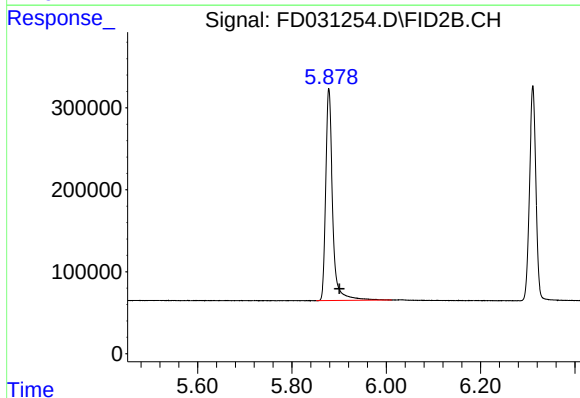
#1 n-Nonane (C9)

R.T.: 3.255 min
Delta R.T.: -0.019 min
Response: 2424931
Conc: 23.18 ug/ml



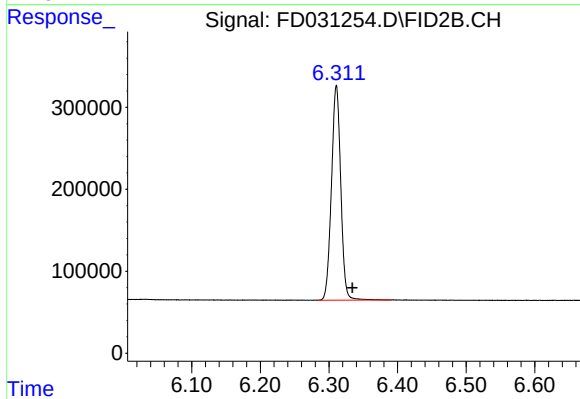
#2 n-Decane (C10)

R.T.: 4.309 min
Delta R.T.: -0.022 min
Response: 2447223
Conc: 23.35 ug/ml



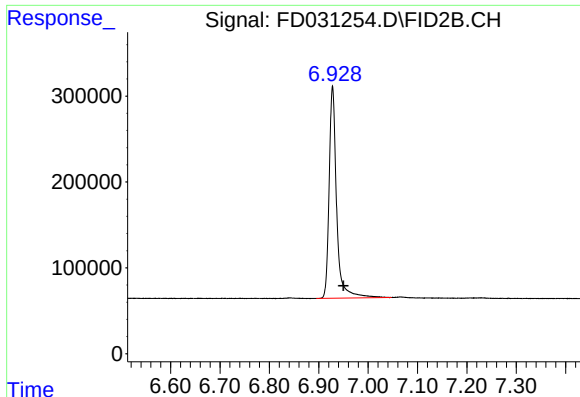
#3 A~Naphthalene (C11.7)

R.T.: 5.878 min
Delta R.T.: -0.022 min
Response: 2624017
Conc: 22.90 ug/ml



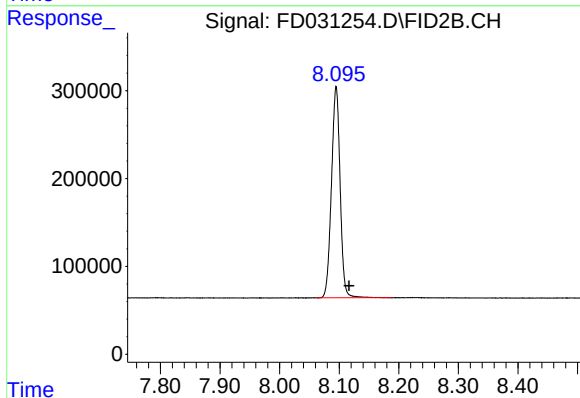
#4 n-Dodecane (C12)

R.T.: 6.311 min
Delta R.T.: -0.023 min
Response: 2467738
Conc: 23.07 ug/ml



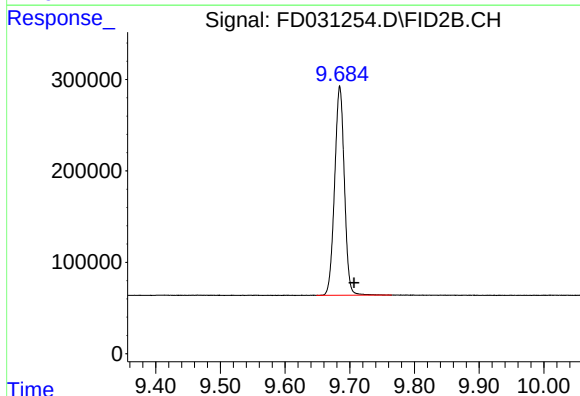
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.928 min
Delta R.T.: -0.022 min
Response: 2602188
Conc: 22.57 ug/ml



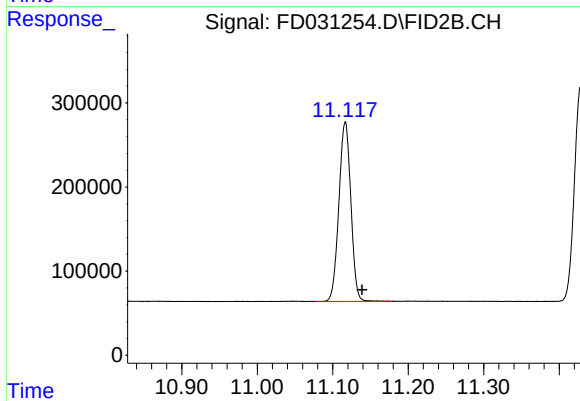
#6 n-Tetradecane (C14)

R.T.: 8.095 min
Delta R.T.: -0.022 min
Response: 2432520
Conc: 22.62 ug/ml



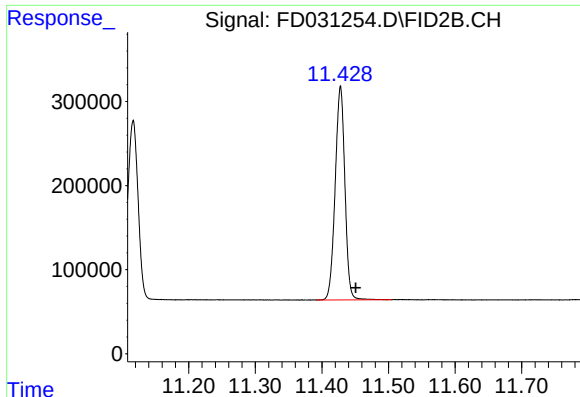
#7 n-Hexadecane (C16)

R.T.: 9.685 min
Delta R.T.: -0.022 min
Response: 2390540
Conc: 22.20 ug/ml



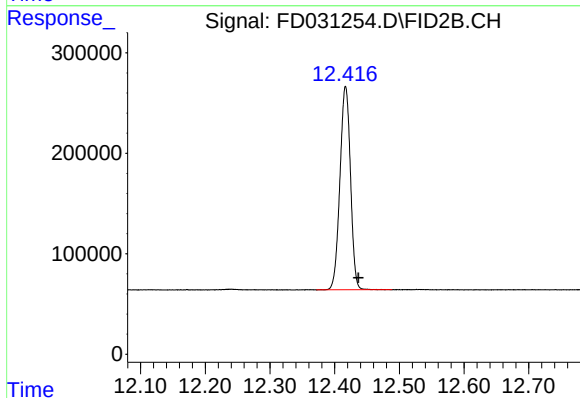
#8 n-Octadecane (C18)

R.T.: 11.117 min
Delta R.T.: -0.022 min
Response: 2349025
Conc: 21.49 ug/ml



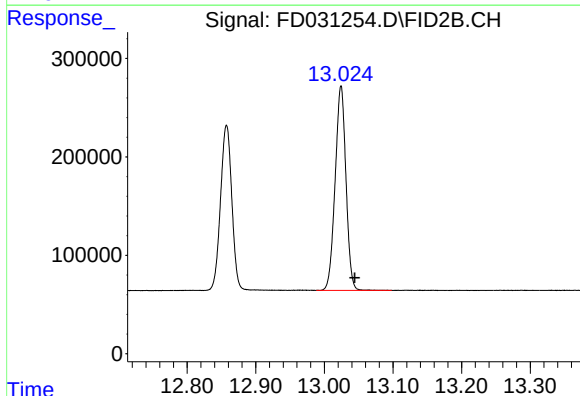
#9 ortho-Terphenyl (SURR)

R.T.: 11.428 min
Delta R.T.: -0.023 min
Response: 2570688
Conc: 20.50 ug/ml



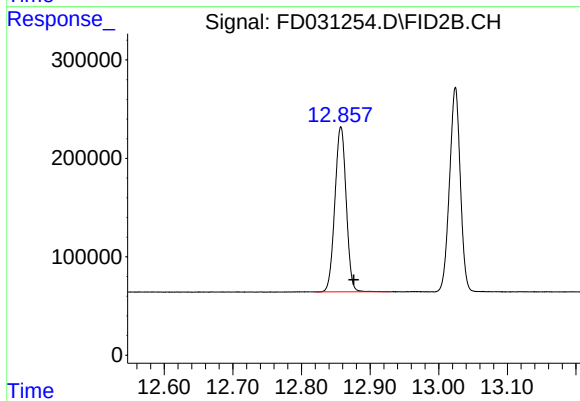
#10 n-Eicosane (C20)

R.T.: 12.417 min
Delta R.T.: -0.020 min
Response: 2288994
Conc: 20.93 ug/ml



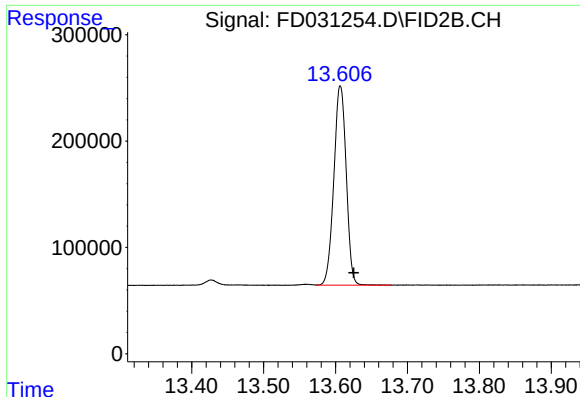
#11 n-Heneicosane (C21)

R.T.: 13.024 min
Delta R.T.: -0.020 min
Response: 2274087
Conc: 20.69 ug/ml



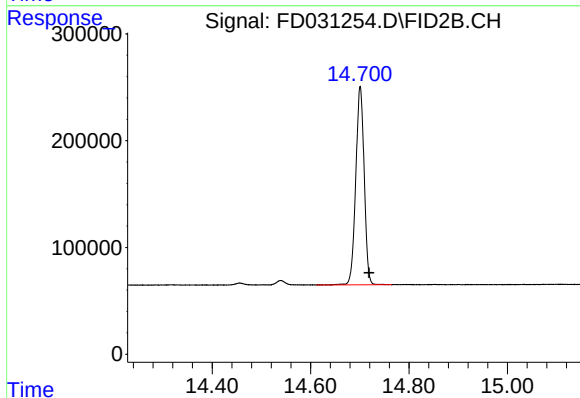
#12 1-chlorooctadecane (SURR)

R.T.: 12.857 min
Delta R.T.: -0.019 min
Response: 1922663
Conc: 20.53 ug/ml



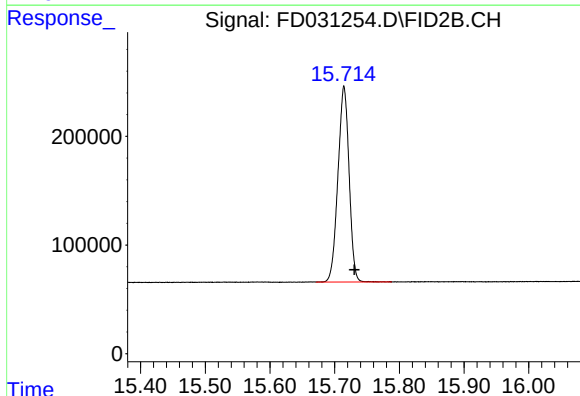
#13 n-Docosane (C22)

R.T.: 13.607 min
Delta R.T.: -0.019 min
Response: 2236049
Conc: 20.45 ug/ml



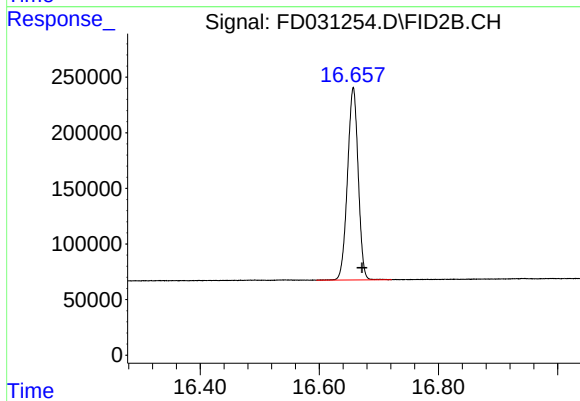
#14 n-Tetracosane (C24)

R.T.: 14.701 min
Delta R.T.: -0.018 min
Response: 2205937
Conc: 20.20 ug/ml



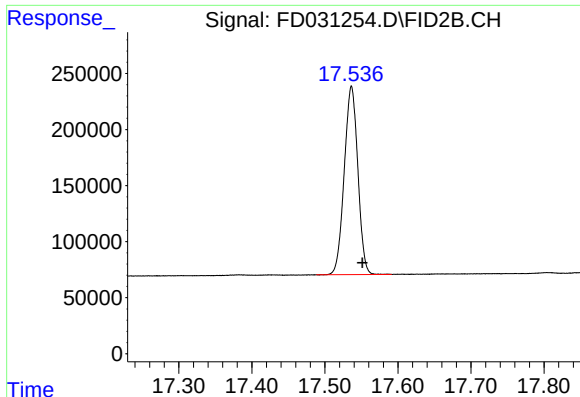
#15 n-Hexacosane (C26)

R.T.: 15.714 min
Delta R.T.: -0.016 min
Response: 2150487
Conc: 19.87 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.657 min
Delta R.T.: -0.015 min
Response: 2155317
Conc: 20.08 ug/ml



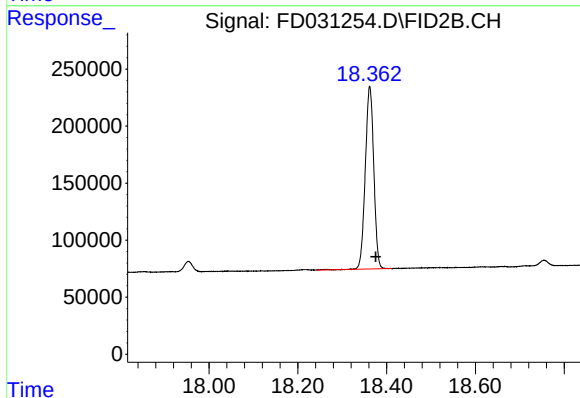
#17 n-Tricontane (C30)

R.T.: 17.536 min

Delta R.T.: -0.015 min

Response: 2170432

Conc: 20.38 ug/ml



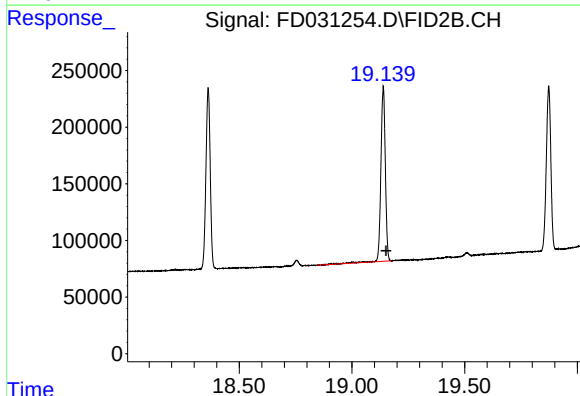
#18 n-Dotriacontane (C32)

R.T.: 18.362 min

Delta R.T.: -0.013 min

Response: 2125123

Conc: 20.64 ug/ml



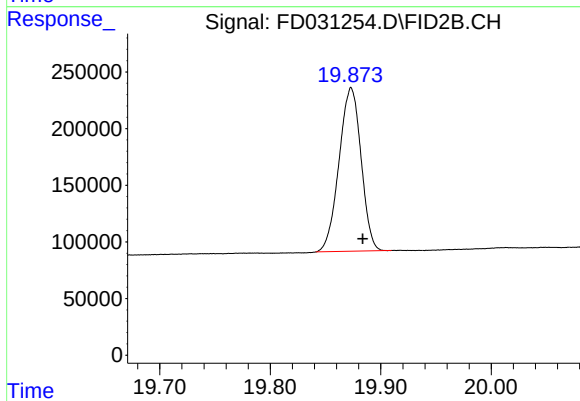
#19 n-Tetratriacontane (C34)

R.T.: 19.139 min

Delta R.T.: -0.013 min

Response: 2113946

Conc: 21.51 ug/ml



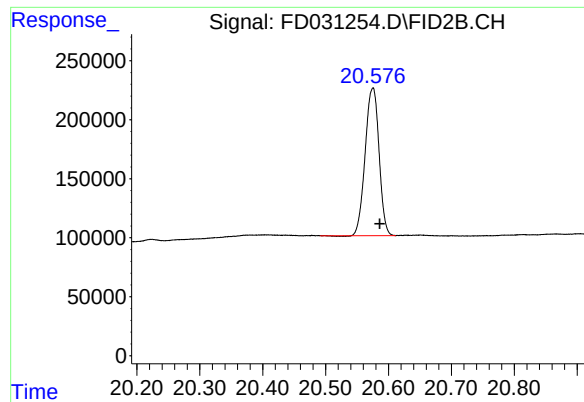
#20 n-Hexatriacontane (C36)

R.T.: 19.873 min

Delta R.T.: -0.011 min

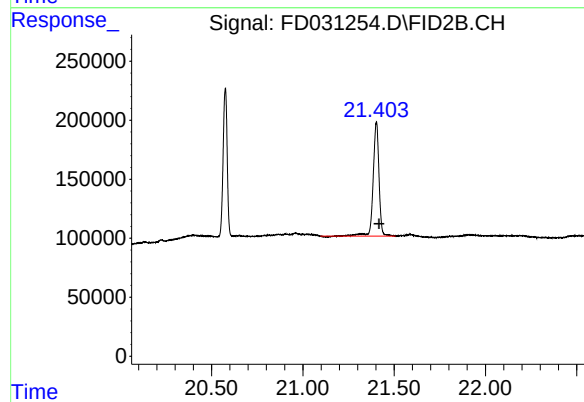
Response: 2001698

Conc: 21.73 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.575 min
Delta R.T.: -0.011 min
Response: 1914110
Conc: 22.12 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.403 min
Delta R.T.: -0.015 min
Response: 2134833
Conc: 24.03 ug/ml