

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050920AL\
 Data File : FD033417.D
 Signal(s) : FID2B.CH
 Acq On : 10 May 2020 6:18
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: May 11 02:27:21 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 050620.M
 Quant Title : GC Extractables
 QLast Update : Thu May 07 05:16:45 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)	11.481	2689351	19.565 ug/ml
Spiked Amount 50.000		Recovery =	39.13%
12) S 1-chlorooctadecane (S...	12.912	2176253	18.919 ug/ml
Spiked Amount 50.000		Recovery =	37.84%
Target Compounds			
1) T n-Nonane (C9)	3.295	2459970	21.288 ug/ml
2) T n-Decane (C10)	4.355	2496914	21.436 ug/ml
3) T A~Naphthalene (C11.7)	5.929	2702650	21.797 ug/ml
4) T n-Dodecane (C12)	6.359	2564401	21.444 ug/ml
5) T A~2-methylnaphthalene...	6.978	2750223	21.866 ug/ml
6) T n-Tetradecane (C14)	8.143	2574073	21.171 ug/ml
7) T n-Hexadecane (C16)	9.734	2512431	20.715 ug/ml
8) T n-Octadecane (C18)	11.168	2585084	19.918 ug/ml
10) T n-Eicosane (C20)	12.470	2563966	19.237 ug/ml
11) T n-Heneicosane (C21)	13.079	2536357	18.923 ug/ml
13) T n-Docosane (C22)	13.662	2505547	18.626 ug/ml
14) T n-Tetracosane (C24)	14.760	2444722	18.053 ug/ml
15) T n-Hexacosane (C26)	15.776	2366457	17.553 ug/ml
16) T n-Octacosane (C28)	16.720	2309452	17.114 ug/ml
17) T n-Tricontane (C30)	17.604	2219915	16.853 ug/ml
18) T n-Dotriacontane (C32)	18.431	2058261	17.031 ug/ml
19) T n-Tetratriacontane (C34)	19.210	1932871	16.979 ug/ml
20) T n-Hexatriacontane (C36)	19.946	1967561	18.386 ug/ml
21) T n-Octatriacontane (C38)	20.657	1800754	17.865 ug/ml
22) T n-Tetracontane (C40)	21.508	2069912	20.723 ug/ml

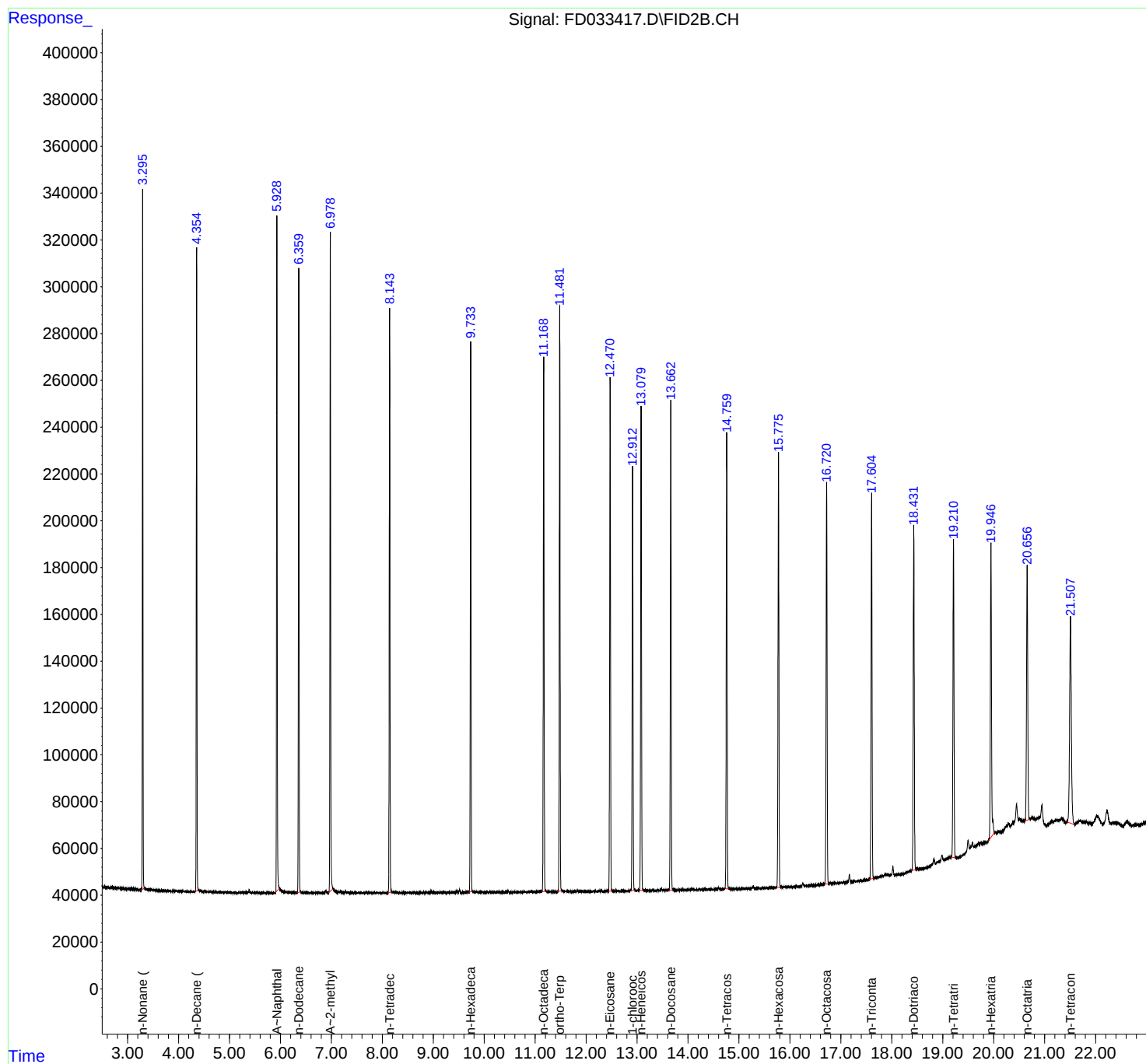
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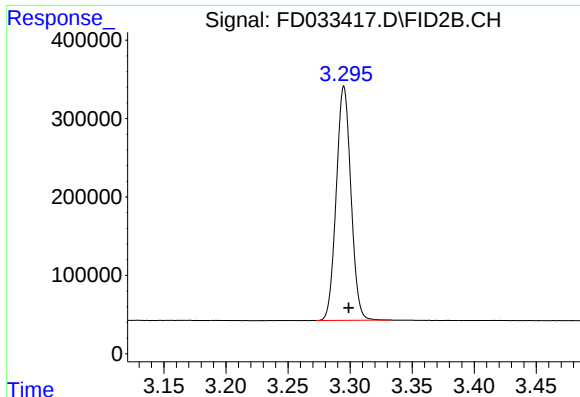
(m)=manual int.

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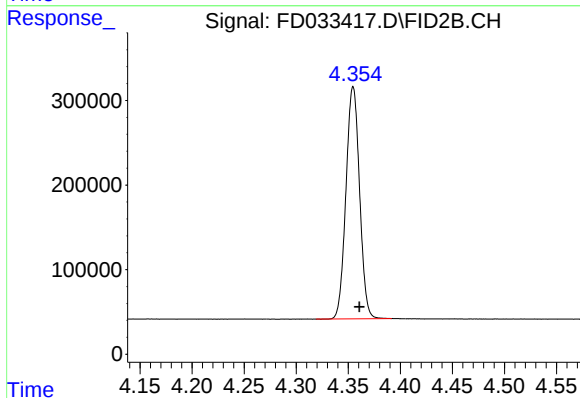
Volume Inj. : 1 ul
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Signal Info : 20M x 0.18mm x 0.18um





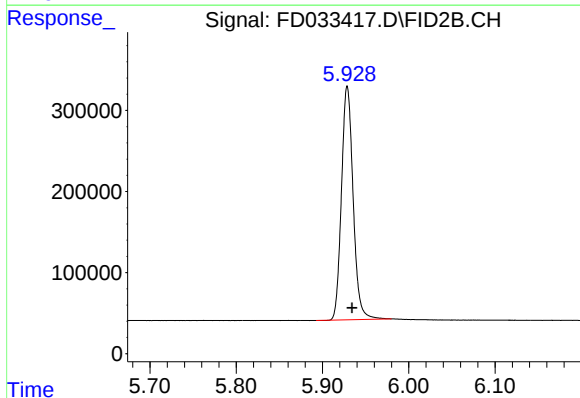
#1 n-Nonane (C9)

R.T.: 3.295 min
Delta R.T.: -0.004 min
Response: 2459970
Conc: 21.29 ug/ml



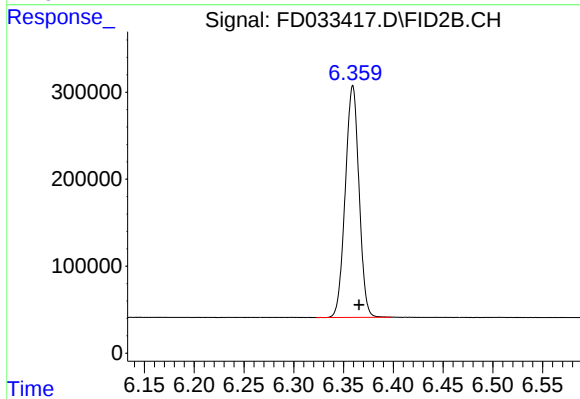
#2 n-Decane (C10)

R.T.: 4.355 min
Delta R.T.: -0.006 min
Response: 2496914
Conc: 21.44 ug/ml



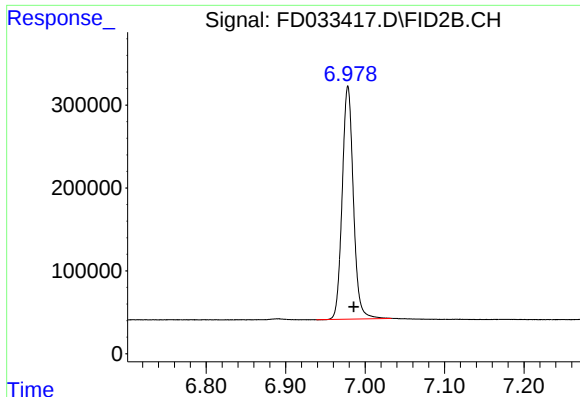
#3 A~Naphthalene (C11.7)

R.T.: 5.929 min
Delta R.T.: -0.005 min
Response: 2702650
Conc: 21.80 ug/ml



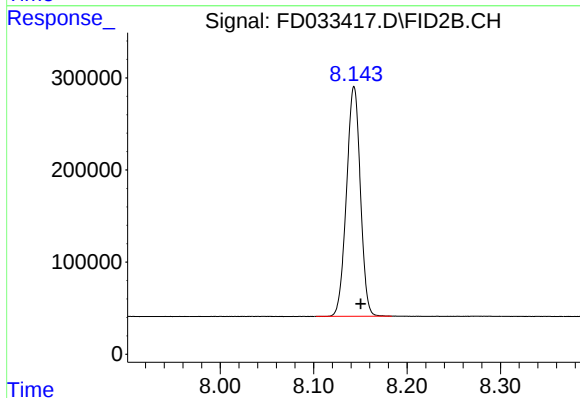
#4 n-Dodecane (C12)

R.T.: 6.359 min
Delta R.T.: -0.006 min
Response: 2564401
Conc: 21.44 ug/ml



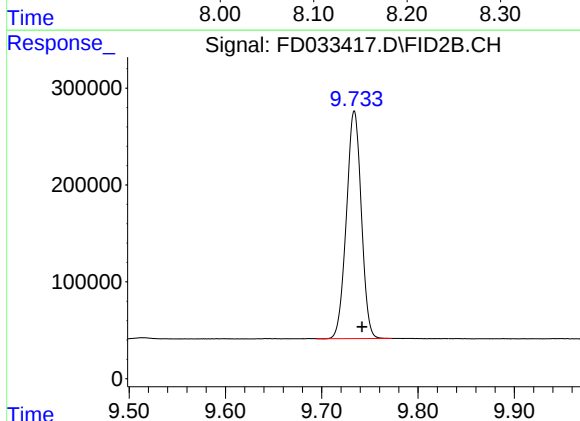
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.978 min
Delta R.T.: -0.007 min
Response: 2750223
Conc: 21.87 ug/ml



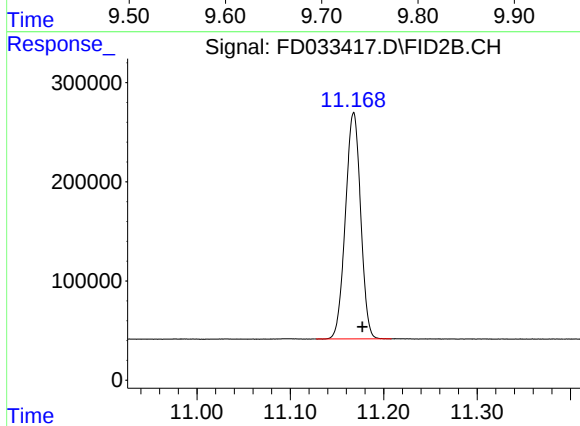
#6 n-Tetradecane (C14)

R.T.: 8.143 min
Delta R.T.: -0.007 min
Response: 2574073
Conc: 21.17 ug/ml



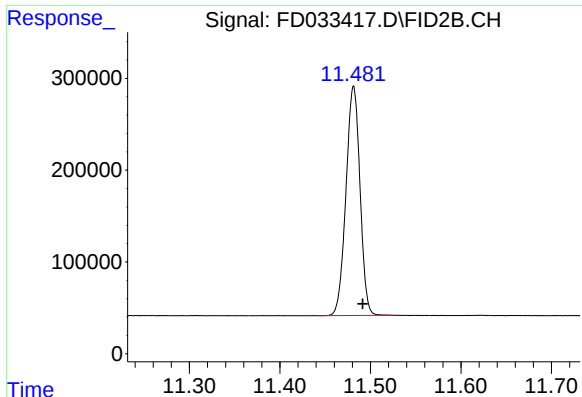
#7 n-Hexadecane (C16)

R.T.: 9.734 min
Delta R.T.: -0.008 min
Response: 2512431
Conc: 20.72 ug/ml



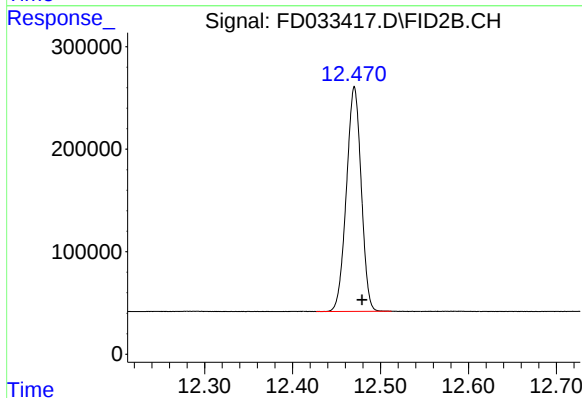
#8 n-Octadecane (C18)

R.T.: 11.168 min
Delta R.T.: -0.009 min
Response: 2585084
Conc: 19.92 ug/ml



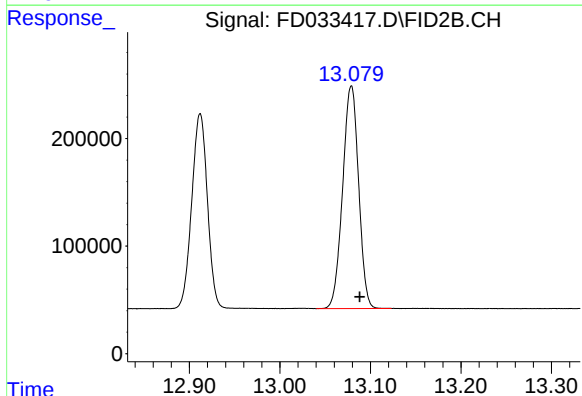
#9 ortho-Terphenyl (SURR)

R.T.: 11.481 min
Delta R.T.: -0.010 min
Response: 2689351
Conc: 19.56 ug/ml



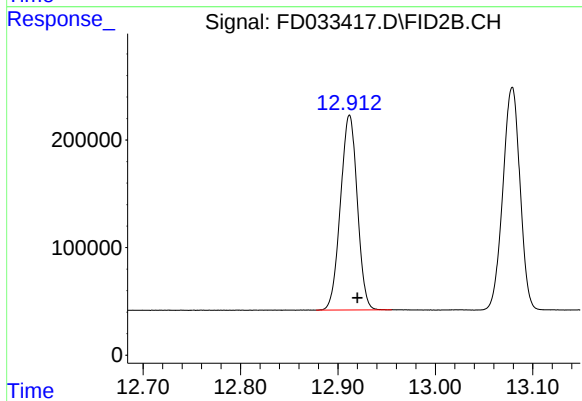
#10 n-Eicosane (C20)

R.T.: 12.470 min
Delta R.T.: -0.009 min
Response: 2563966
Conc: 19.24 ug/ml



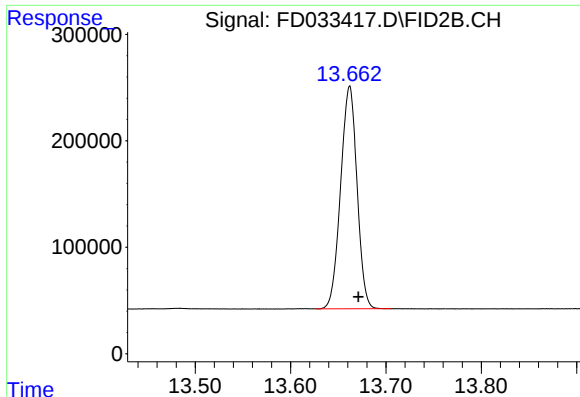
#11 n-Heneicosane (C21)

R.T.: 13.079 min
Delta R.T.: -0.009 min
Response: 2536357
Conc: 18.92 ug/ml



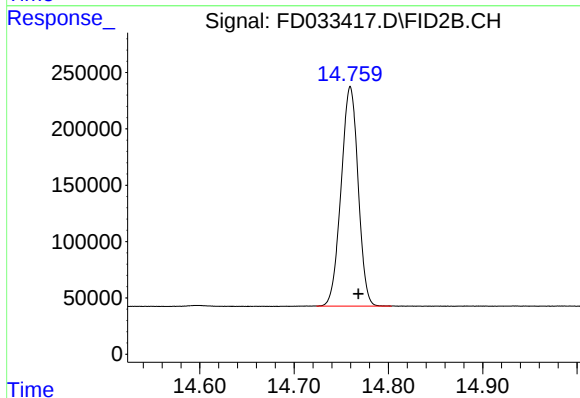
#12 1-chlorooctadecane (SURR)

R.T.: 12.912 min
Delta R.T.: -0.008 min
Response: 2176253
Conc: 18.92 ug/ml



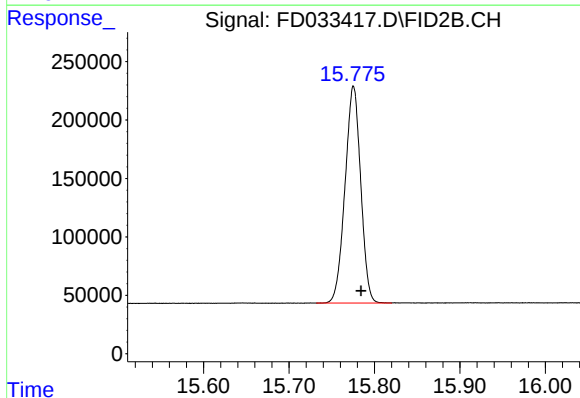
#13 n-Docosane (C22)

R.T.: 13.662 min
Delta R.T.: -0.009 min
Response: 2505547
Conc: 18.63 ug/ml



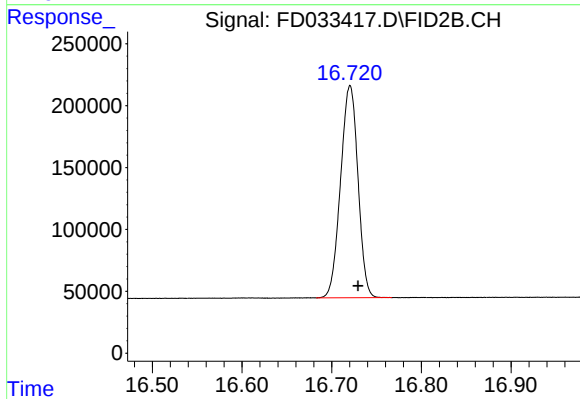
#14 n-Tetracosane (C24)

R.T.: 14.760 min
Delta R.T.: -0.009 min
Response: 2444722
Conc: 18.05 ug/ml



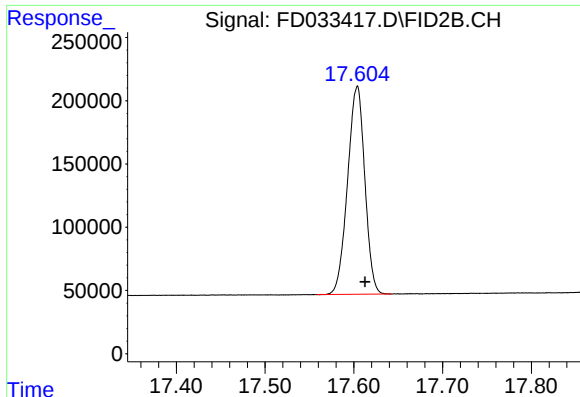
#15 n-Hexacosane (C26)

R.T.: 15.776 min
Delta R.T.: -0.009 min
Response: 2366457
Conc: 17.55 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.720 min
Delta R.T.: -0.009 min
Response: 2309452
Conc: 17.11 ug/ml



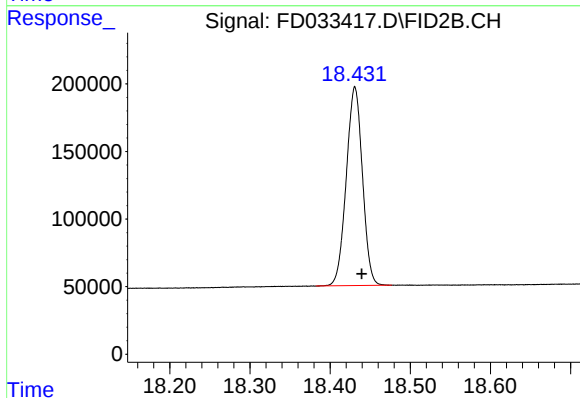
#17 n-Tricontane (C30)

R.T.: 17.604 min

Delta R.T.: -0.009 min

Response: 2219915

Conc: 16.85 ug/ml



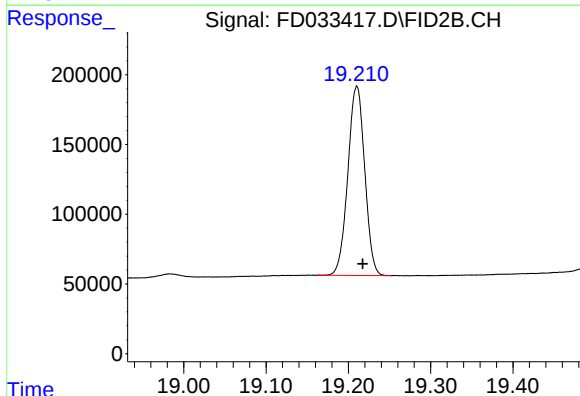
#18 n-Dotriacontane (C32)

R.T.: 18.431 min

Delta R.T.: -0.009 min

Response: 2058261

Conc: 17.03 ug/ml



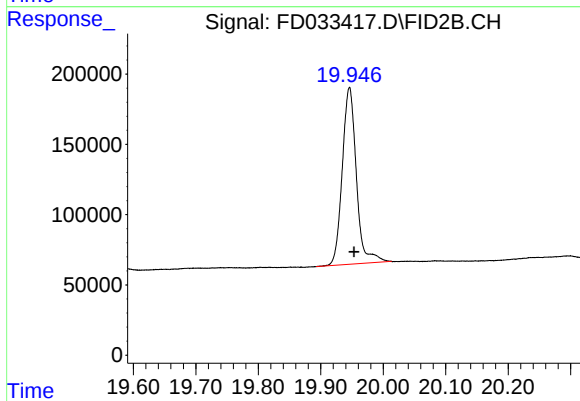
#19 n-Tetratriacontane (C34)

R.T.: 19.210 min

Delta R.T.: -0.007 min

Response: 1932871

Conc: 16.98 ug/ml



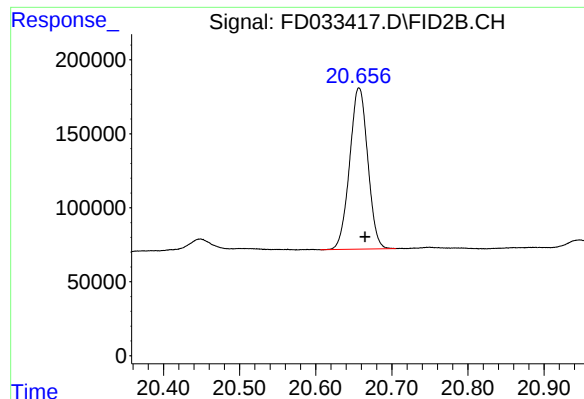
#20 n-Hexatriacontane (C36)

R.T.: 19.946 min

Delta R.T.: -0.007 min

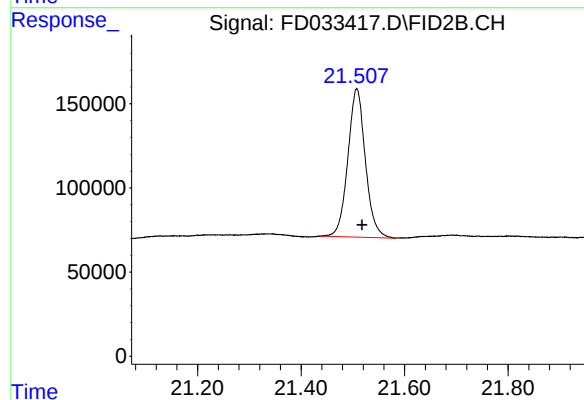
Response: 1967561

Conc: 18.39 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.657 min
Delta R.T.: -0.008 min
Response: 1800754
Conc: 17.87 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.508 min
Delta R.T.: -0.010 min
Response: 2069912
Conc: 20.72 ug/ml