

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD120321AL\
 Data File : FD039709.D
 Signal(s) : FID2B.CH
 Acq On : 03 Dec 2021 22:10
 Operator : AJ\MA
 Sample : M4910-01MSD
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Dec 03 22:54:28 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 112321.M
 Quant Title : GC Extractables
 QLast Update : Wed Nov 24 01:36:43 2021
 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)	11.654	3404553	26.725 ug/ml
Spiked Amount 50.000		Recovery =	53.45%
12) S 1-chlorooctadecane (S...	13.080	2835069	28.821 ug/ml
Spiked Amount 50.000		Recovery =	57.64%
Target Compounds			
1) T n-Nonane (C9)	3.417	3178278	27.818 ug/ml
2) T n-Decane (C10)	4.485	3803794	33.074 ug/ml
3) T A~Naphthalene (C11.7)	6.075	4664620	36.658 ug/ml
4) T n-Dodecane (C12)	6.500	4503022	39.104 ug/ml
5) T A~2-methylnaphthalene...	7.131	4961953	38.966 ug/ml
6) T n-Tetradecane (C14)	8.294	4845513	41.817 ug/ml
7) T n-Hexadecane (C16)	9.891	5019008	43.167 ug/ml
8) T n-Octadecane (C18)	11.330	5170195	43.511 ug/ml
10) T n-Eicosane (C20)	12.637	5139794	43.805 ug/ml
11) T n-Heneicosane (C21)	13.247	5108168	43.426 ug/ml
13) T n-Docosane (C22)	13.832	5088848	43.872 ug/ml
14) T n-Tetracosane (C24)	14.930	9701802	83.139 ug/ml
15) T n-Hexacosane (C26)	15.951	4993839	45.067 ug/ml
16) T n-Octacosane (C28)	16.896	4875755	45.450 ug/ml
17) T n-Tricontane (C30)	17.781	4728180	44.356 ug/ml
18) T n-Dotriacontane (C32)	18.609	4471423	42.932 ug/ml
19) T n-Tetratriacontane (C34)	19.389	4211542	41.909 ug/ml
20) T n-Hexatriacontane (C36)	20.125	3824311	39.744 ug/ml
21) T n-Octatriacontane (C38)	20.863	3495697	37.248 ug/ml
22) T n-Tetracontane (C40)	21.781	3505571	36.361 ug/ml

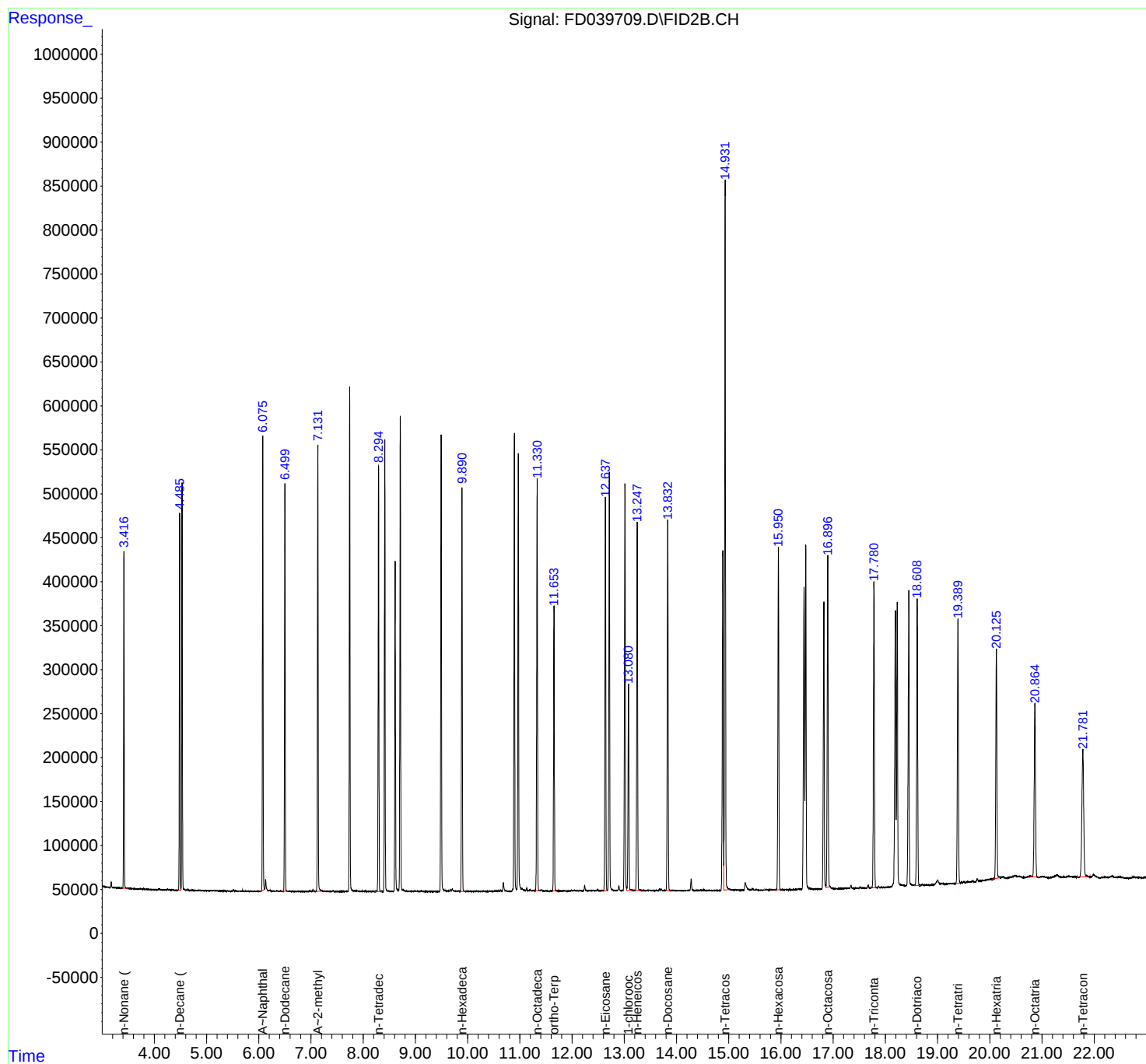
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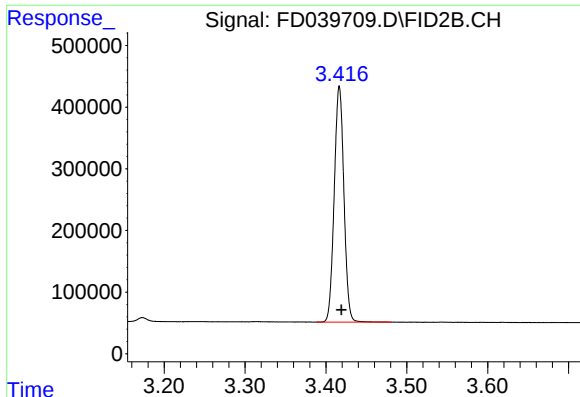
(m)=manual int.

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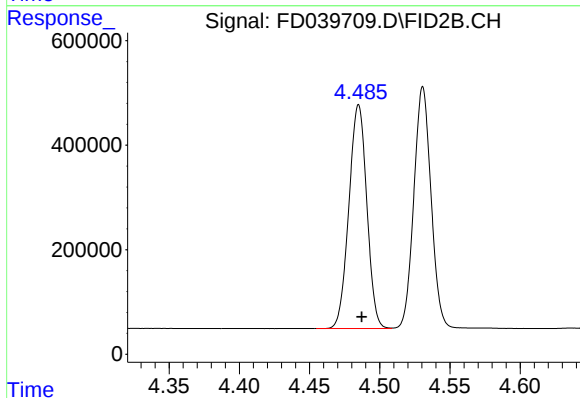
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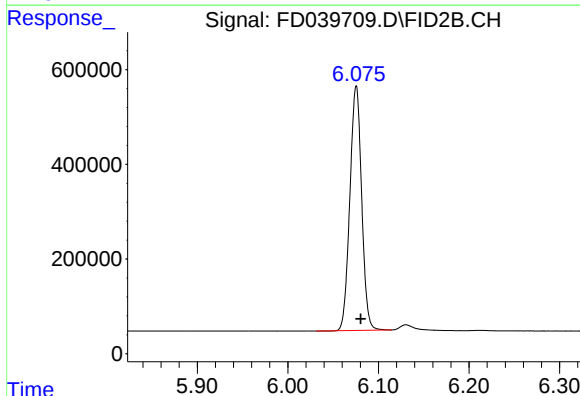
#1 n-Nonane (C9)

R.T.: 3.417 min
Delta R.T.: -0.002 min
Response: 3178278
Conc: 27.82 ug/ml



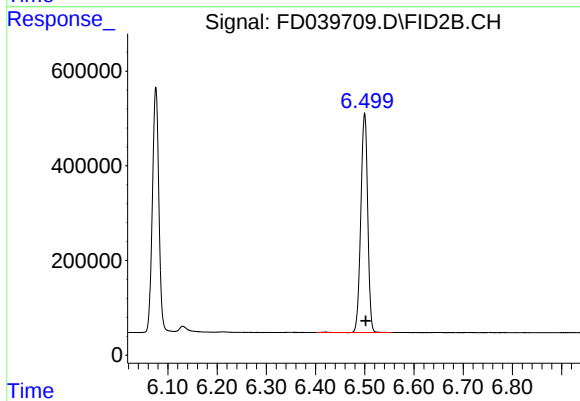
#2 n-Decane (C10)

R.T.: 4.485 min
Delta R.T.: -0.002 min
Response: 3803794
Conc: 33.07 ug/ml



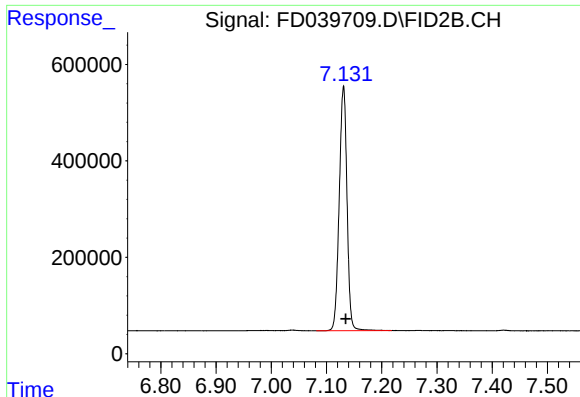
#3 A~Naphthalene (C11.7)

R.T.: 6.075 min
Delta R.T.: -0.005 min
Response: 4664620
Conc: 36.66 ug/ml



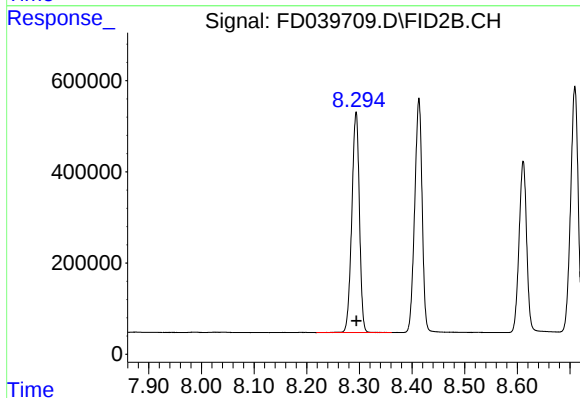
#4 n-Dodecane (C12)

R.T.: 6.500 min
Delta R.T.: -0.002 min
Response: 4503022
Conc: 39.10 ug/ml



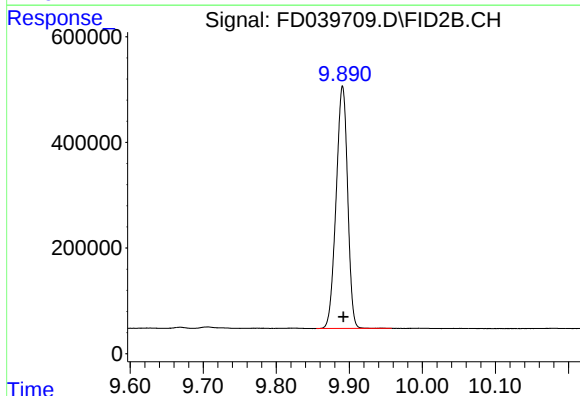
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.131 min
Delta R.T.: -0.004 min
Response: 4961953
Conc: 38.97 ug/ml



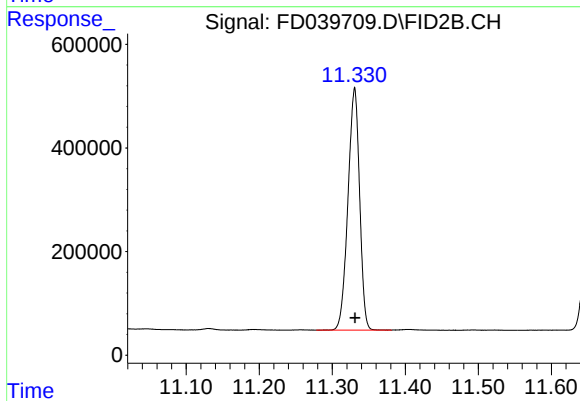
#6 n-Tetradecane (C14)

R.T.: 8.294 min
Delta R.T.: 0.000 min
Response: 4845513
Conc: 41.82 ug/ml



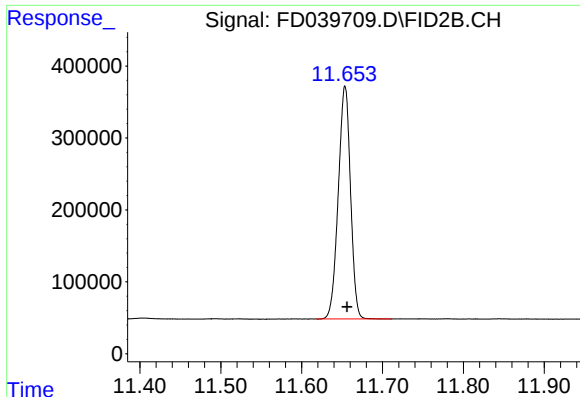
#7 n-Hexadecane (C16)

R.T.: 9.891 min
Delta R.T.: -0.001 min
Response: 5019008
Conc: 43.17 ug/ml



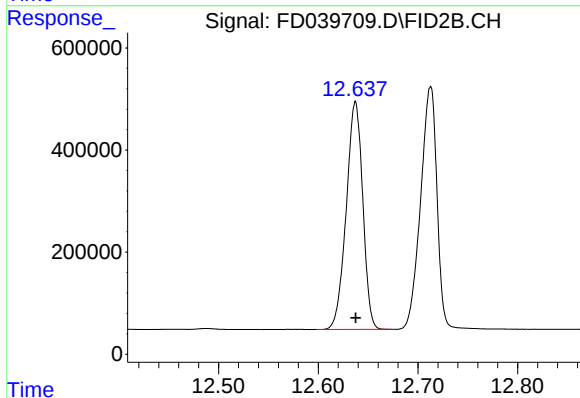
#8 n-Octadecane (C18)

R.T.: 11.330 min
Delta R.T.: 0.000 min
Response: 5170195
Conc: 43.51 ug/ml



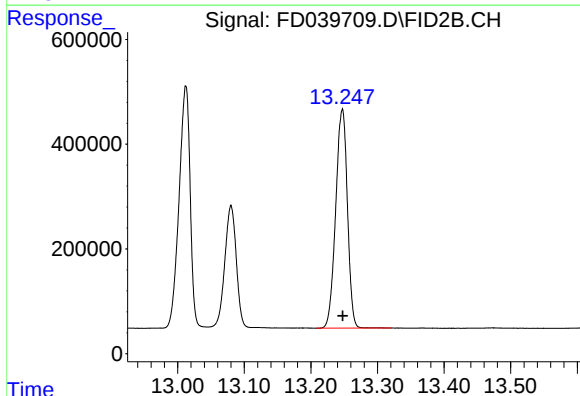
#9 ortho-Terphenyl (SURR)

R.T.: 11.654 min
Delta R.T.: -0.002 min
Response: 3404553
Conc: 26.72 ug/ml



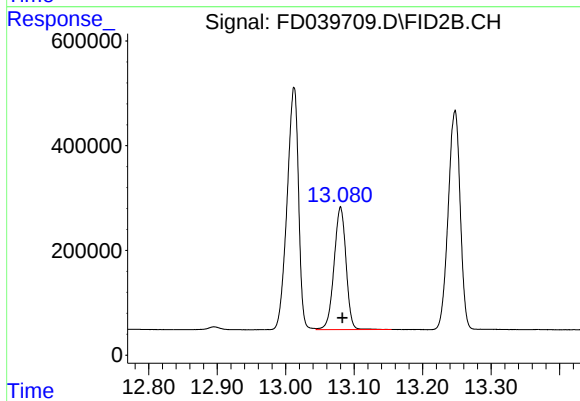
#10 n-Eicosane (C20)

R.T.: 12.637 min
Delta R.T.: 0.000 min
Response: 5139794
Conc: 43.80 ug/ml



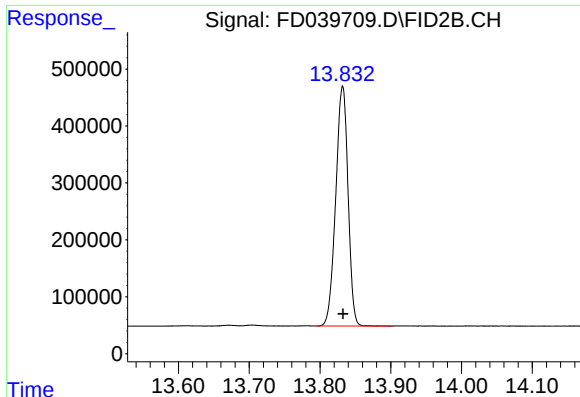
#11 n-Heneicosane (C21)

R.T.: 13.247 min
Delta R.T.: 0.000 min
Response: 5108168
Conc: 43.43 ug/ml



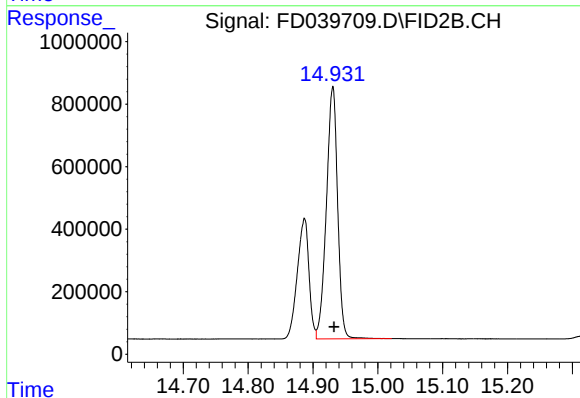
#12 1-chlorooctadecane (SURR)

R.T.: 13.080 min
Delta R.T.: -0.003 min
Response: 2835069
Conc: 28.82 ug/ml



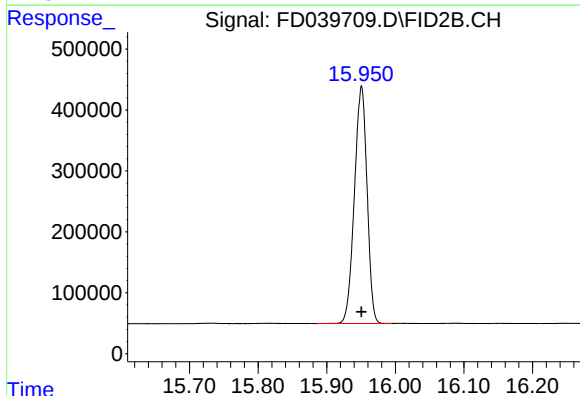
#13 n-Docosane (C22)

R.T.: 13.832 min
Delta R.T.: 0.000 min
Response: 5088848
Conc: 43.87 ug/ml



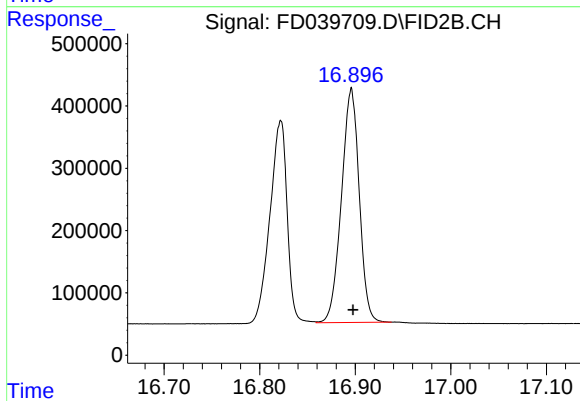
#14 n-Tetracosane (C24)

R.T.: 14.930 min
Delta R.T.: -0.002 min
Response: 9701802
Conc: 83.14 ug/ml



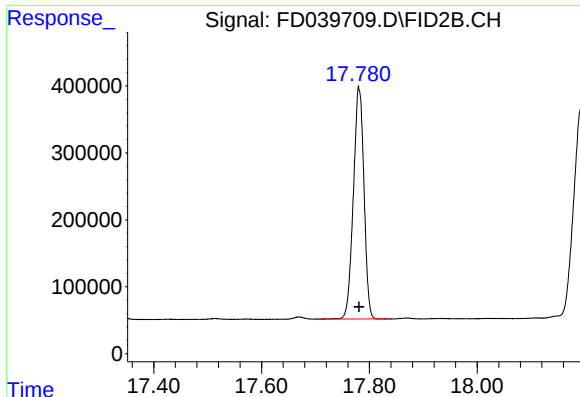
#15 n-Hexacosane (C26)

R.T.: 15.951 min
Delta R.T.: 0.000 min
Response: 4993839
Conc: 45.07 ug/ml



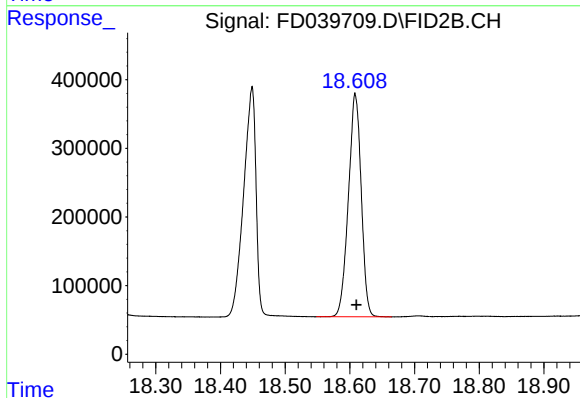
#16 n-Octacosane (C28)

R.T.: 16.896 min
Delta R.T.: -0.002 min
Response: 4875755
Conc: 45.45 ug/ml



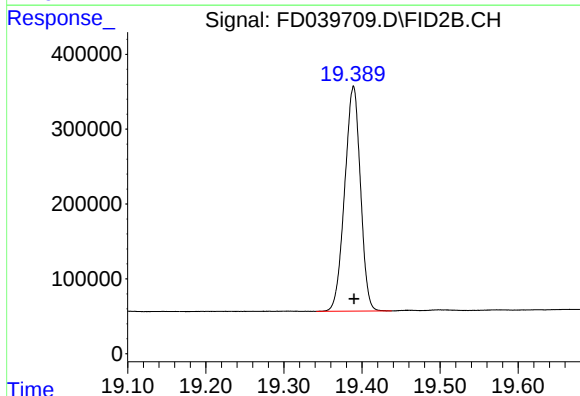
#17 n-Tricontane (C30)

R.T.: 17.781 min
Delta R.T.: 0.000 min
Response: 4728180
Conc: 44.36 ug/ml



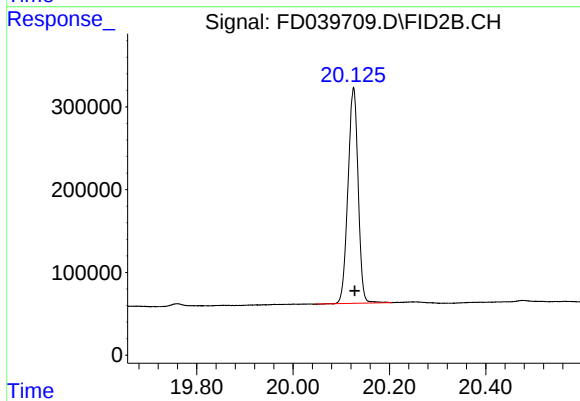
#18 n-Dotriacontane (C32)

R.T.: 18.609 min
Delta R.T.: -0.002 min
Response: 4471423
Conc: 42.93 ug/ml



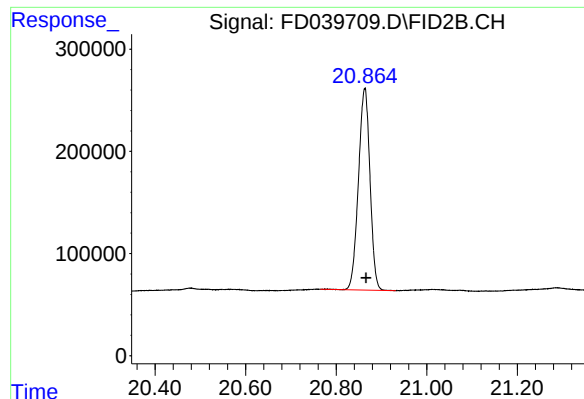
#19 n-Tetratriacontane (C34)

R.T.: 19.389 min
Delta R.T.: -0.001 min
Response: 4211542
Conc: 41.91 ug/ml



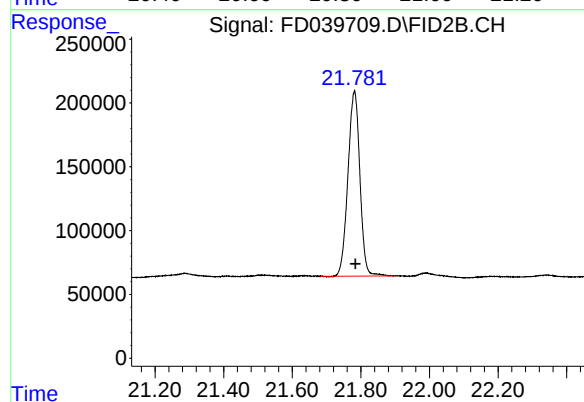
#20 n-Hexatriacontane (C36)

R.T.: 20.125 min
Delta R.T.: -0.003 min
Response: 3824311
Conc: 39.74 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.863 min
Delta R.T.: -0.003 min
Response: 3495697
Conc: 37.25 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.781 min
Delta R.T.: -0.003 min
Response: 3505571
Conc: 36.36 ug/ml