

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD013019AL\
 Data File : FD027542.D
 Signal(s) : FID2B.CH
 Acq On : 31 Jan 2019 2:42
 Operator : AJ\SJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Jan 31 04:00:57 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 010719.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 08 08:17:25 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)	11.233	1968209	17.703 ug/ml
Spiked Amount 50.000		Recovery =	35.41%
12) S 1-chlorooctadecane (S...	12.677	1487806	17.386 ug/ml
Spiked Amount 50.000		Recovery =	34.77%
Target Compounds			
1) T n-Nonane (C9)	3.069	1700264	17.571 ug/ml
2) T n-Decane (C10)	4.126	1734641	17.485 ug/ml
3) T A~Naphthalene (C11.7)	5.681	2007110	18.014 ug/ml
4) T n-Dodecane (C12)	6.133	1743763	17.400 ug/ml
5) T A~2-methylnaphthalene...	6.731	2018111	18.068 ug/ml
6) T n-Tetradecane (C14)	7.916	1746234	17.194 ug/ml
7) T n-Hexadecane (C16)	9.506	1736037	17.105 ug/ml
8) T n-Octadecane (C18)	10.938	1732542	17.065 ug/ml
10) T n-Eicosane (C20)	12.240	1717818	17.155 ug/ml
11) T n-Heneicosane (C21)	12.848	1707209	17.294 ug/mlm
13) T n-Docosane (C22)	13.431	1701576	17.381 ug/ml
14) T n-Tetracosane (C24)	14.527	1724834	17.870 ug/ml
15) T n-Hexacosane (C26)	15.541	1713376	18.217 ug/ml
16) T n-Octacosane (C28)	16.485	1721785	18.544 ug/ml
17) T n-Tricontane (C30)	17.366	1670854	18.552 ug/ml
18) T n-Dotriacontane (C32)	18.192	1552628	18.202 ug/mlm
19) T n-Tetratriacontane (C34)	18.971	1392057	18.888 ug/ml
20) T n-Hexatriacontane (C36)	19.704	1196264	17.960 ug/mlm
21) T n-Octatriacontane (C38)	20.402	1856102	28.604 ug/mlm
22) T n-Tetracontane (C40)	21.178	1060633	16.897 ug/mlm

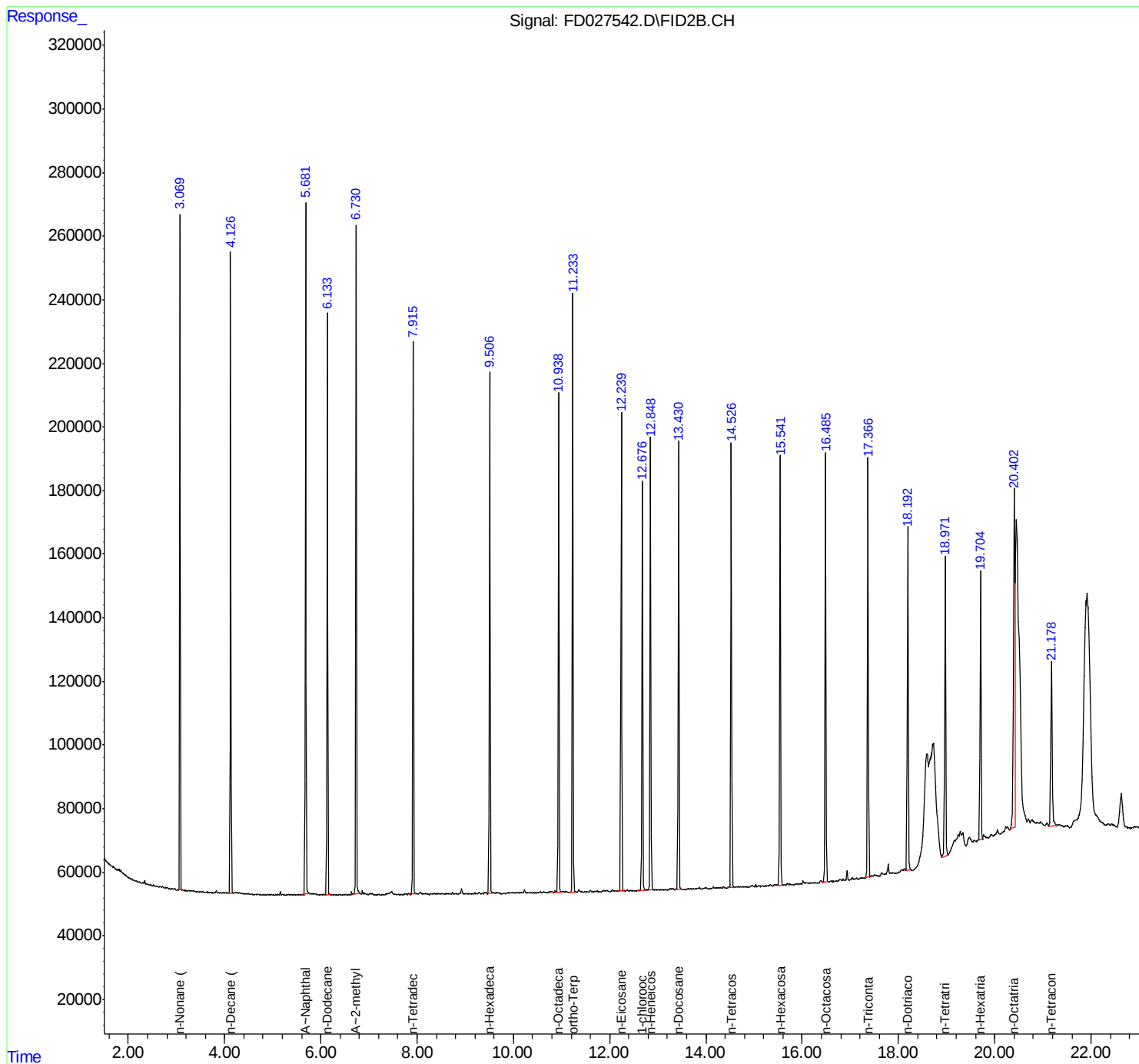
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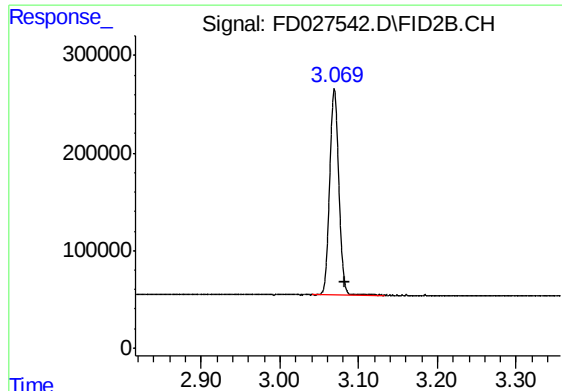
(m)=manual int.

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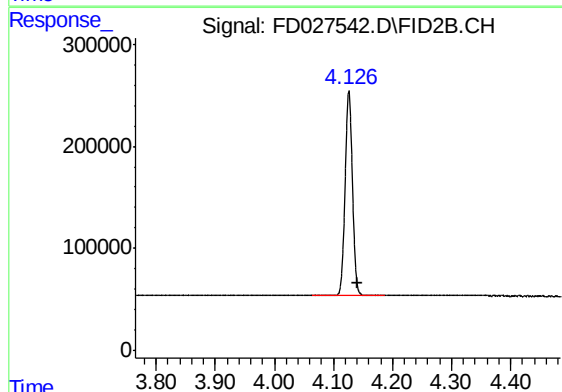
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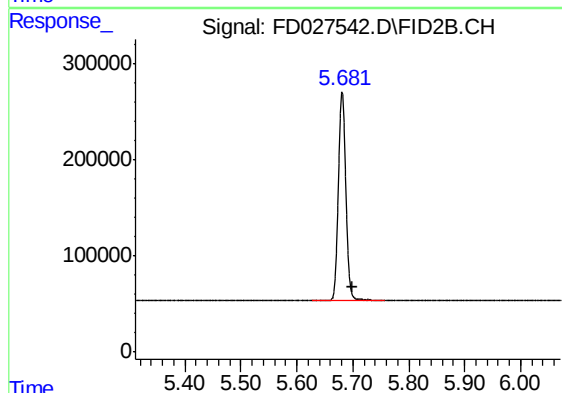
#1 n-Nonane (C9)

R.T.: 3.069 min
Delta R.T.: -0.014 min
Response: 1700264
Conc: 17.57 ug/ml



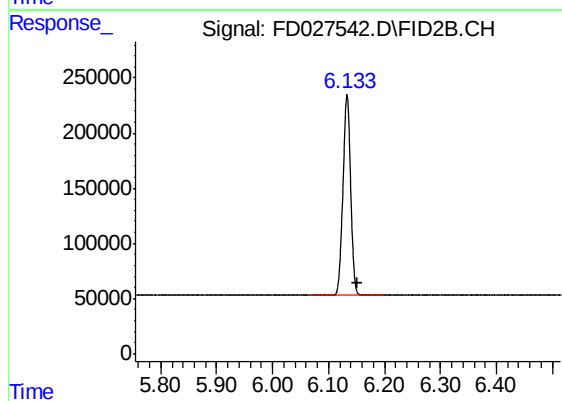
#2 n-Decane (C10)

R.T.: 4.126 min
Delta R.T.: -0.016 min
Response: 1734641
Conc: 17.49 ug/ml



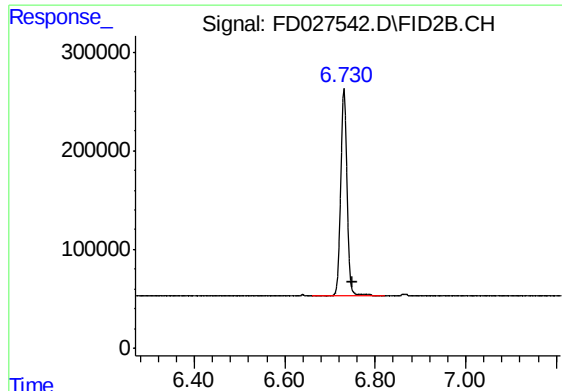
#3 A-Naphthalene (C11.7)

R.T.: 5.681 min
Delta R.T.: -0.019 min
Response: 2007110
Conc: 18.01 ug/ml



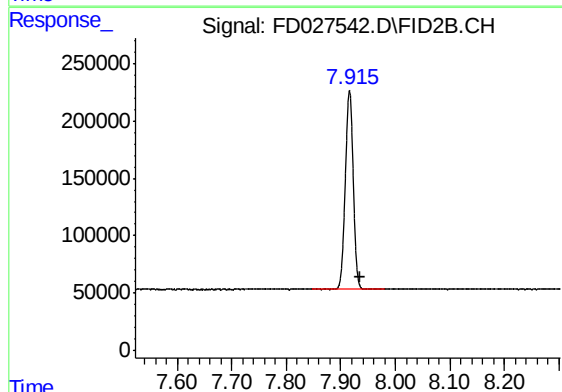
#4 n-Dodecane (C12)

R.T.: 6.133 min
Delta R.T.: -0.018 min
Response: 1743763
Conc: 17.40 ug/ml



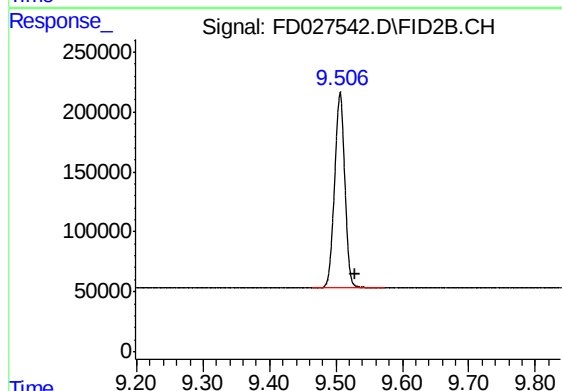
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.731 min
Delta R.T.: -0.019 min
Response: 2018111
Conc: 18.07 ug/ml



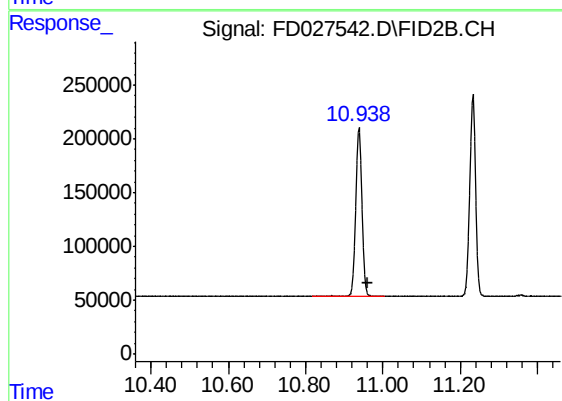
#6 n-Tetradecane (C14)

R.T.: 7.916 min
Delta R.T.: -0.020 min
Response: 1746234
Conc: 17.19 ug/ml



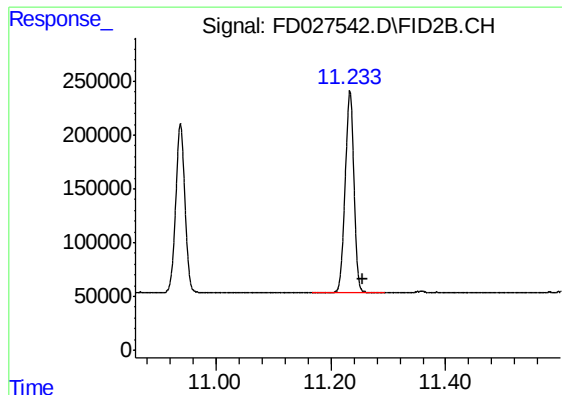
#7 n-Hexadecane (C16)

R.T.: 9.506 min
Delta R.T.: -0.022 min
Response: 1736037
Conc: 17.10 ug/ml



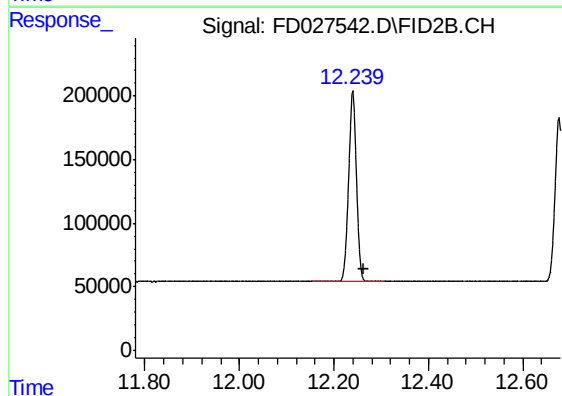
#8 n-Octadecane (C18)

R.T.: 10.938 min
Delta R.T.: -0.023 min
Response: 1732542
Conc: 17.06 ug/ml



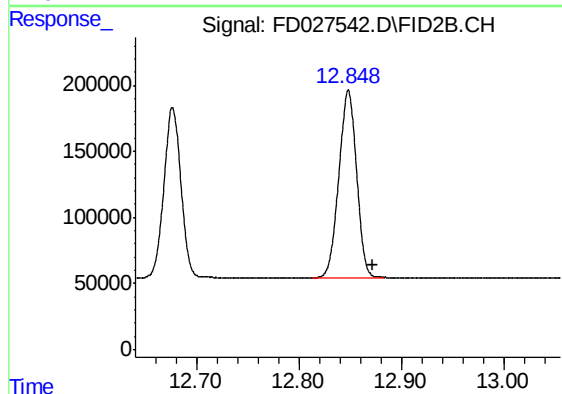
#9 ortho-Terphenyl (SURR)

R.T.: 11.233 min
Delta R.T.: -0.023 min
Response: 1968209
Conc: 17.70 ug/ml



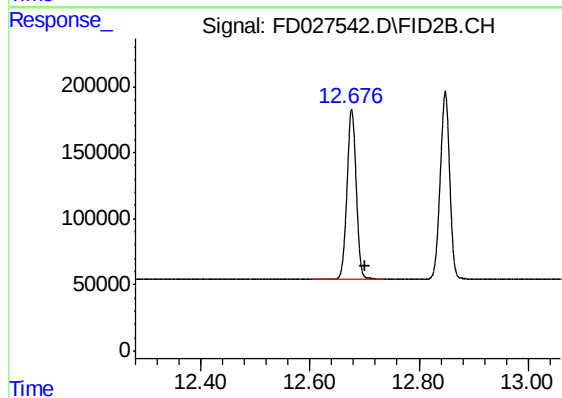
#10 n-Eicosane (C20)

R.T.: 12.240 min
Delta R.T.: -0.023 min
Response: 1717818
Conc: 17.16 ug/ml



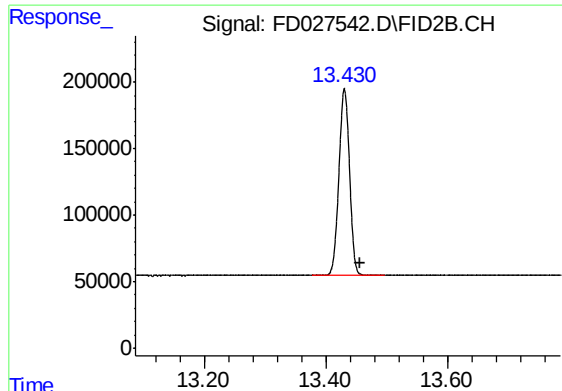
#11 n-Heneicosane (C21)

R.T.: 12.848 min
Delta R.T.: -0.024 min
Response: 1707209
Conc: 17.29 ug/ml m



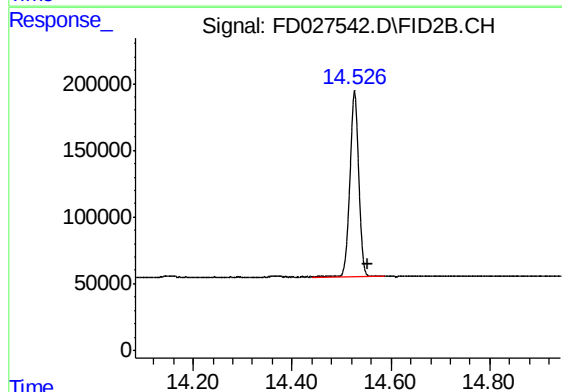
#12 1-chlorooctadecane (SURR)

R.T.: 12.677 min
Delta R.T.: -0.024 min
Response: 1487806
Conc: 17.39 ug/ml



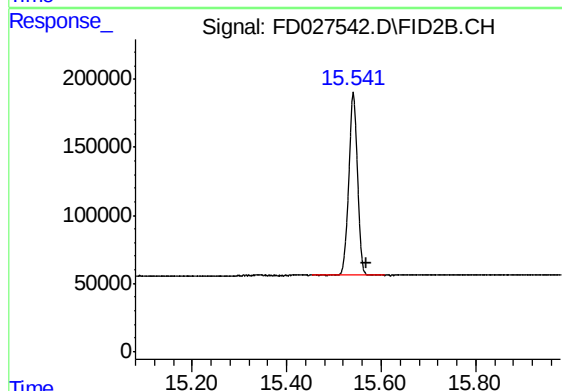
#13 n-Docosane (C22)

R.T.: 13.431 min
Delta R.T.: -0.025 min
Response: 1701576
Conc: 17.38 ug/ml



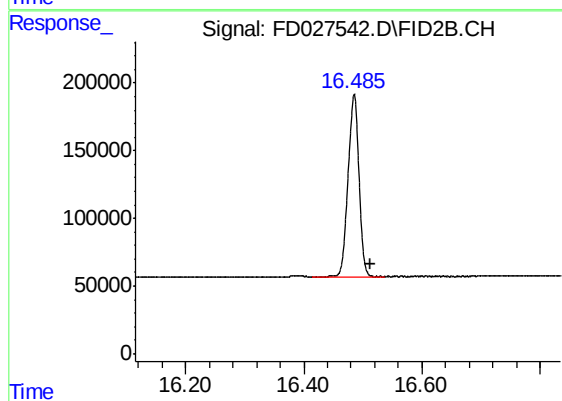
#14 n-Tetracosane (C24)

R.T.: 14.527 min
Delta R.T.: -0.027 min
Response: 1724834
Conc: 17.87 ug/ml



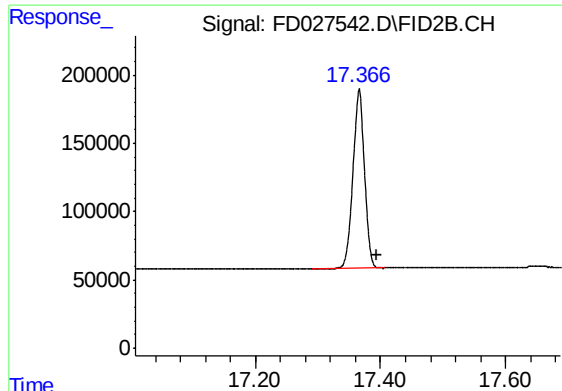
#15 n-Hexacosane (C26)

R.T.: 15.541 min
Delta R.T.: -0.028 min
Response: 1713376
Conc: 18.22 ug/ml



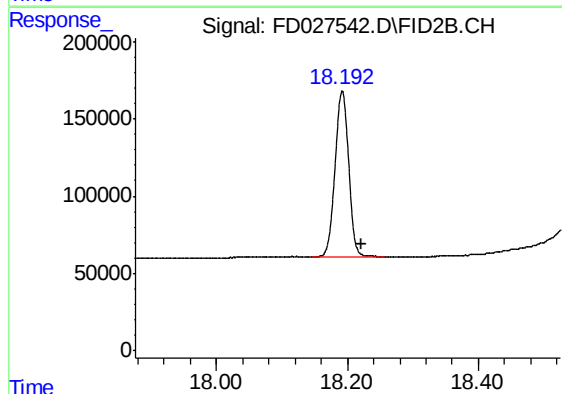
#16 n-Octacosane (C28)

R.T.: 16.485 min
Delta R.T.: -0.028 min
Response: 1721785
Conc: 18.54 ug/ml



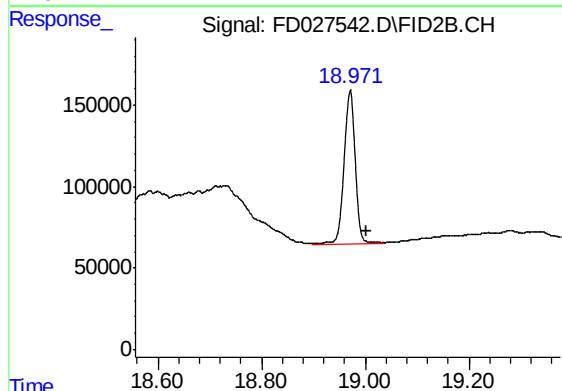
#17 n-Tricontane (C30)

R.T.: 17.366 min
Delta R.T.: -0.029 min
Response: 1670854
Conc: 18.55 ug/ml



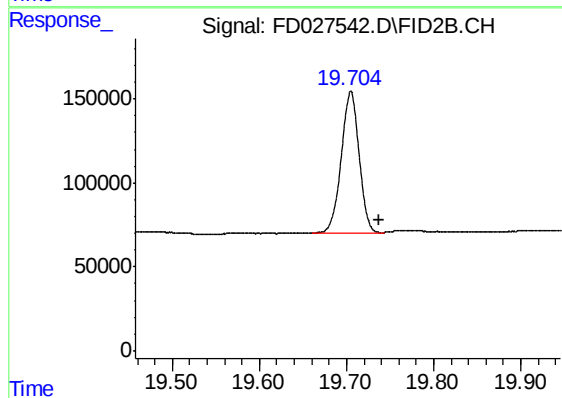
#18 n-Dotriacontane (C32)

R.T.: 18.192 min
Delta R.T.: -0.029 min
Response: 1552628
Conc: 18.20 ug/ml m



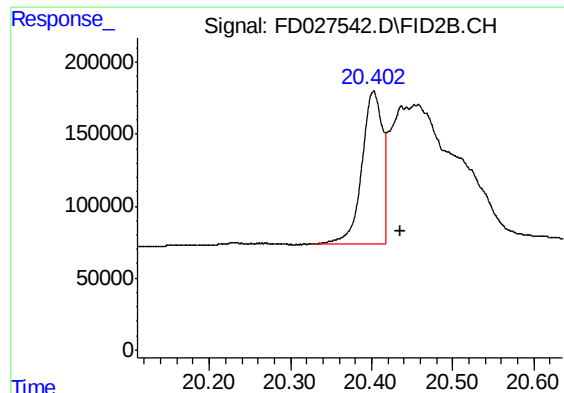
#19 n-Tetatriacontane (C34)

R.T.: 18.971 min
Delta R.T.: -0.031 min
Response: 1392057
Conc: 18.89 ug/ml



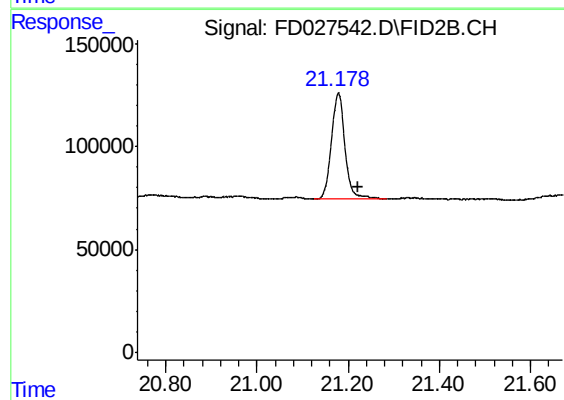
#20 n-Hexatriacontane (C36)

R.T.: 19.704 min
Delta R.T.: -0.033 min
Response: 1196264
Conc: 17.96 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.402 min
Delta R.T.: -0.033 min
Response: 1856102
Conc: 28.60 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.178 min
Delta R.T.: -0.044 min
Response: 1060633
Conc: 16.90 ug/ml m