

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD082718AL\
 Data File : FD025491.D
 Signal(s) : FID2B.CH
 Acq On : 27 Aug 2018 9:56
 Operator : AJ\SJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 27 11:04:07 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 080218.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 02 16:12:55 2018
 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)	11.334	1826707	21.745 ug/ml
Spiked Amount 50.000		Recovery =	43.49%
12) S 1-chlorooctadecane (S...	12.777	1412593	20.490 ug/ml
Spiked Amount 50.000		Recovery =	40.98%
Target Compounds			
1) T n-Nonane (C9)	3.141	1519592	22.546 ug/ml
2) T n-Decane (C10)	4.205	1551541	22.845 ug/ml
3) T A~Naphthalene (C11.7)	5.770	1777160	22.803 ug/ml
4) T n-Dodecane (C12)	6.218	1561741	22.994 ug/ml
5) T A~2-methylnaphthalene...	6.822	1791698	22.904 ug/ml
6) T n-Tetradecane (C14)	8.004	1590154	22.955 ug/ml
7) T n-Hexadecane (C16)	9.597	1617637	22.545 ug/ml
8) T n-Octadecane (C18)	11.033	1630009	21.616 ug/ml
10) T n-Eicosane (C20)	12.338	1646421	21.104 ug/ml
11) T n-Heneicosane (C21)	12.947	1640462	20.891 ug/ml
13) T n-Docosane (C22)	13.531	1642104	20.743 ug/ml
14) T n-Tetracosane (C24)	14.628	1657861	20.598 ug/ml
15) T n-Hexacosane (C26)	15.645	1670050	20.397 ug/ml
16) T n-Octacosane (C28)	16.590	1702032	18.867 ug/ml
17) T n-Tricontane (C30)	17.473	1734239	16.472 ug/ml
18) T n-Dotriacontane (C32)	18.302	1793941	18.313 ug/ml
19) T n-Tetratriacontane (C34)	19.081	1783012	20.319 ug/ml
20) T n-Hexatriacontane (C36)	19.817	1735509	20.663 ug/ml
21) T n-Octatriacontane (C38)	20.517	1709488	20.467 ug/ml
22) T n-Tetracontane (C40)	21.327	1728186	20.513 ug/ml

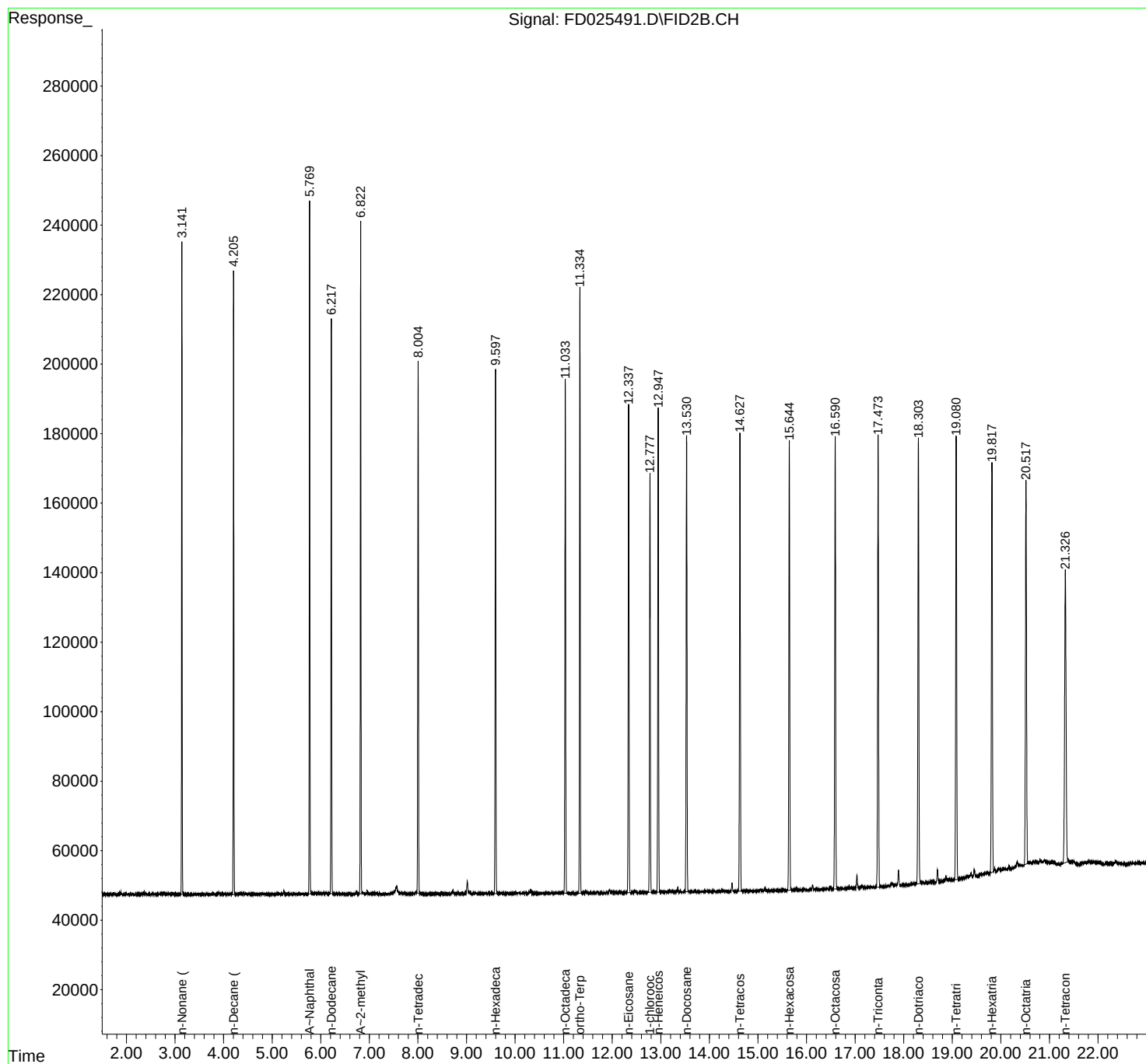
(f)=RT Delta > 1/2 Window

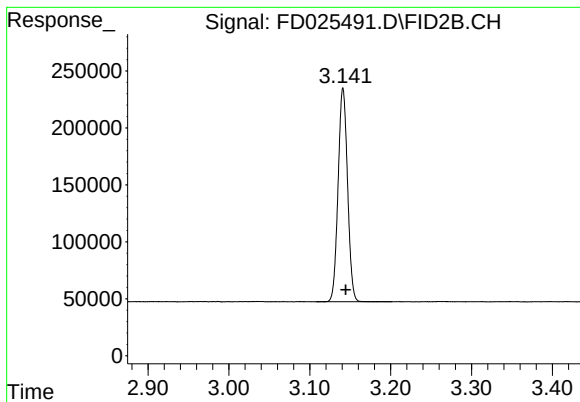
(m)=manual int.

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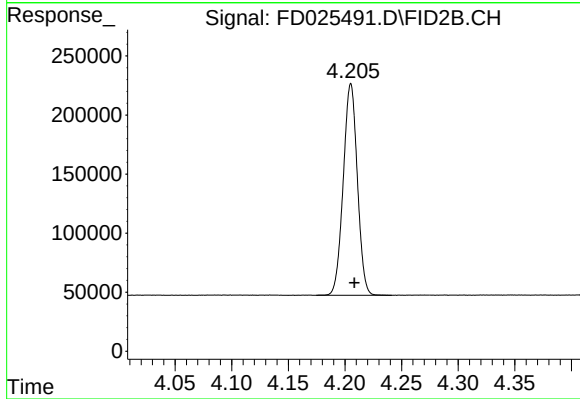
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Signal Info : 20M x 0.18mm x 0.18um





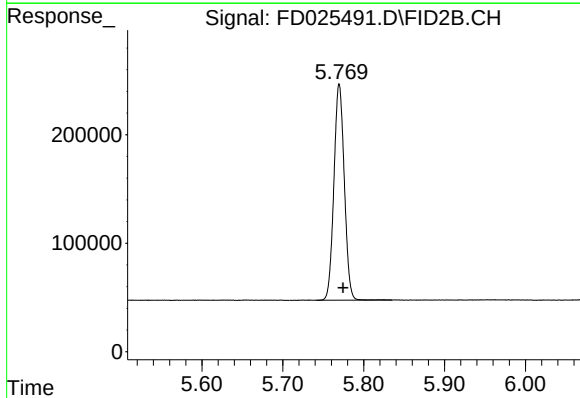
#1 n-Nonane (C9)

R.T.: 3.141 min
Delta R.T.: -0.004 min
Response: 1519592
Conc: 22.55 ug/ml



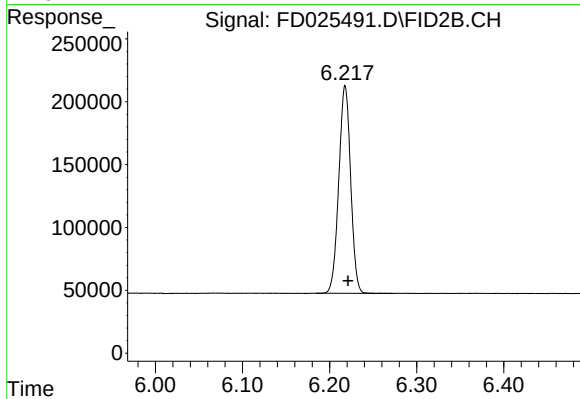
#2 n-Decane (C10)

R.T.: 4.205 min
Delta R.T.: -0.003 min
Response: 1551541
Conc: 22.84 ug/ml



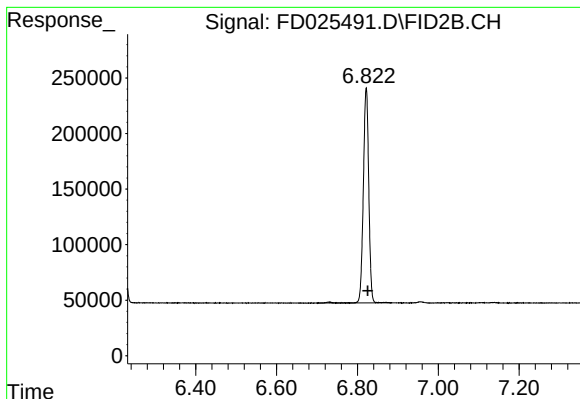
#3 A~Naphthalene (C11.7)

R.T.: 5.770 min
Delta R.T.: -0.005 min
Response: 1777160
Conc: 22.80 ug/ml



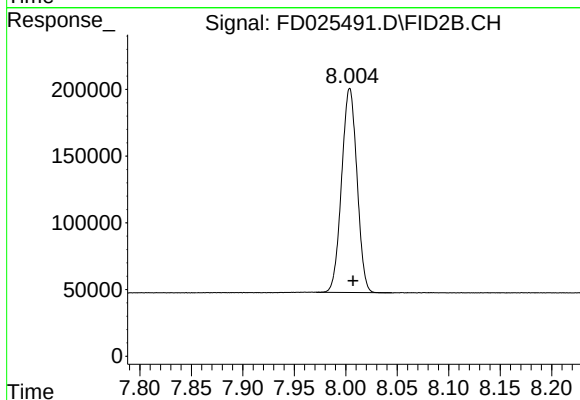
#4 n-Dodecane (C12)

R.T.: 6.218 min
Delta R.T.: -0.003 min
Response: 1561741
Conc: 22.99 ug/ml



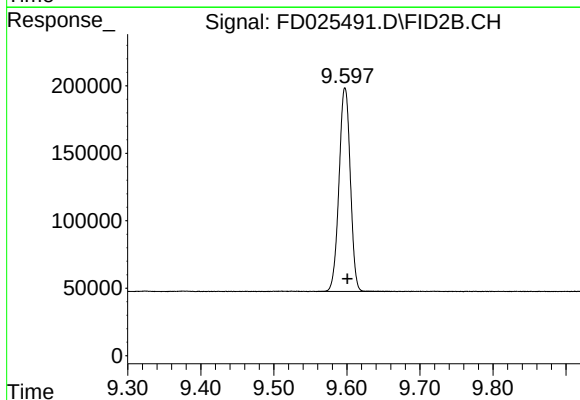
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.822 min
Delta R.T.: -0.004 min
Response: 1791698
Conc: 22.90 ug/ml



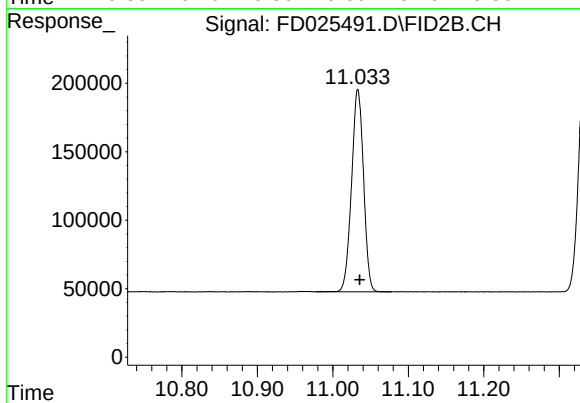
#6 n-Tetradecane (C14)

R.T.: 8.004 min
Delta R.T.: -0.003 min
Response: 1590154
Conc: 22.95 ug/ml



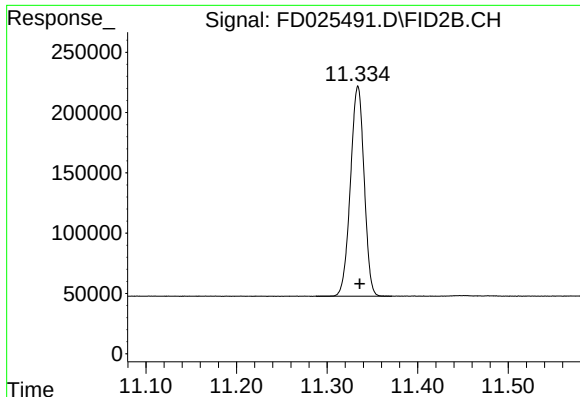
#7 n-Hexadecane (C16)

R.T.: 9.597 min
Delta R.T.: -0.003 min
Response: 1617637
Conc: 22.55 ug/ml



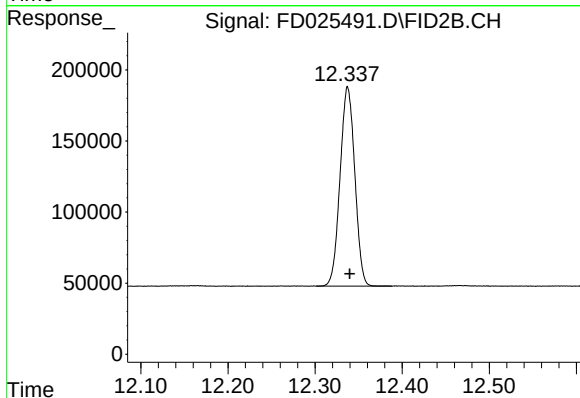
#8 n-Octadecane (C18)

R.T.: 11.033 min
Delta R.T.: -0.002 min
Response: 1630009
Conc: 21.62 ug/ml



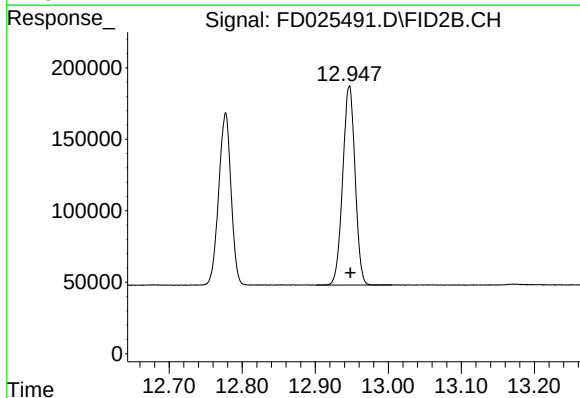
#9 ortho-Terphenyl (SURR)

R.T.: 11.334 min
Delta R.T.: -0.002 min
Response: 1826707
Conc: 21.75 ug/ml



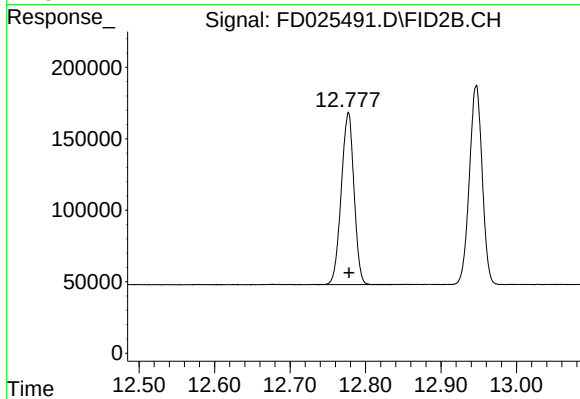
#10 n-Eicosane (C20)

R.T.: 12.338 min
Delta R.T.: -0.002 min
Response: 1646421
Conc: 21.10 ug/ml



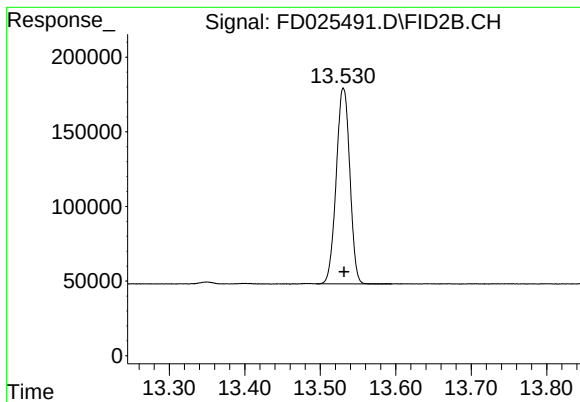
#11 n-Heneicosane (C21)

R.T.: 12.947 min
Delta R.T.: -0.001 min
Response: 1640462
Conc: 20.89 ug/ml



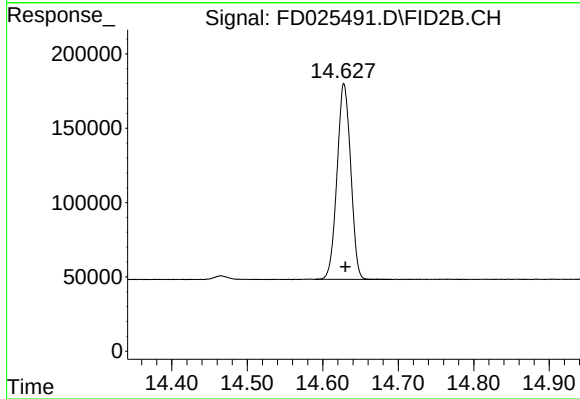
#12 1-chlorooctadecane (SURR)

R.T.: 12.777 min
Delta R.T.: 0.000 min
Response: 1412593
Conc: 20.49 ug/ml



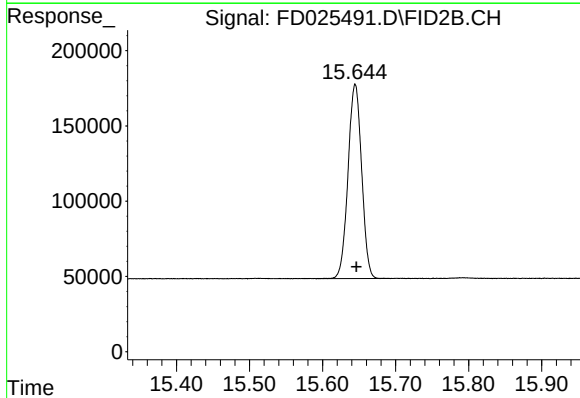
#13 n-Docosane (C22)

R.T.: 13.531 min
Delta R.T.: 0.000 min
Response: 1642104
Conc: 20.74 ug/ml



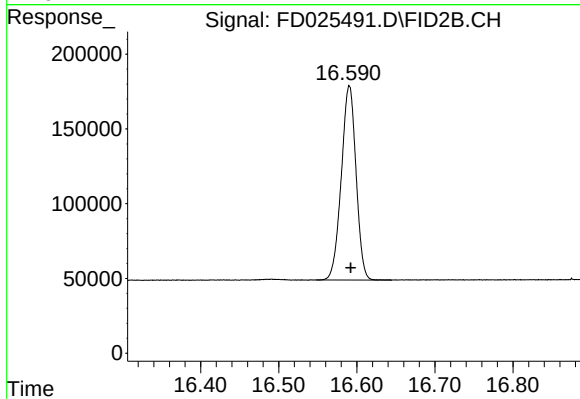
#14 n-Tetracosane (C24)

R.T.: 14.628 min
Delta R.T.: -0.001 min
Response: 1657861
Conc: 20.60 ug/ml



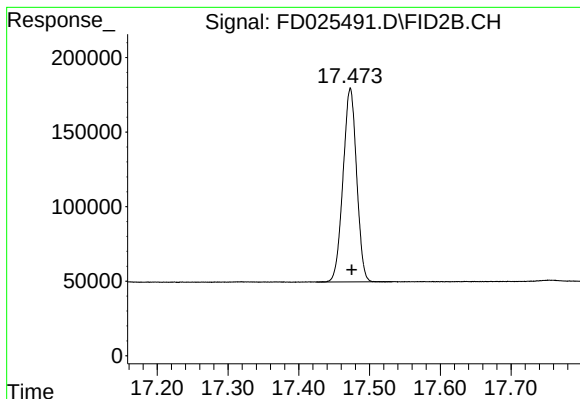
#15 n-Hexacosane (C26)

R.T.: 15.645 min
Delta R.T.: -0.002 min
Response: 1670050
Conc: 20.40 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.590 min
Delta R.T.: -0.002 min
Response: 1702032
Conc: 18.87 ug/ml



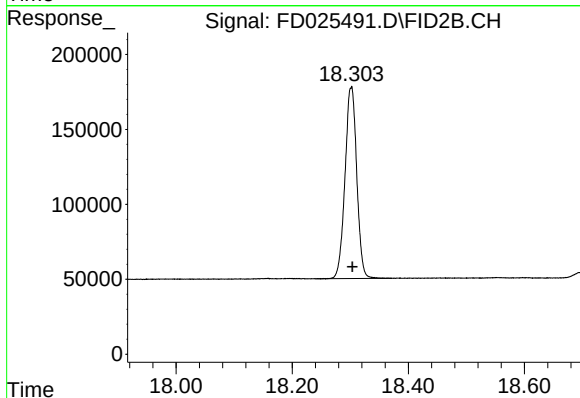
#17 n-Tricontane (C30)

R.T.: 17.473 min

Delta R.T.: -0.002 min

Response: 1734239

Conc: 16.47 ug/ml



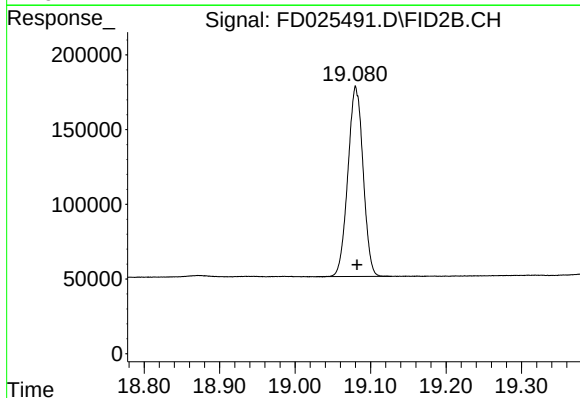
#18 n-Dotriacontane (C32)

R.T.: 18.302 min

Delta R.T.: -0.002 min

Response: 1793941

Conc: 18.31 ug/ml



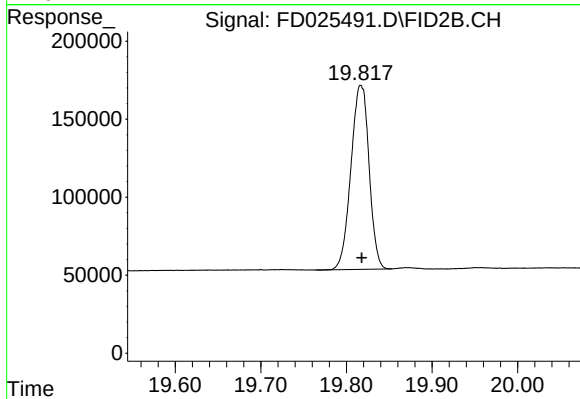
#19 n-Tetratriacontane (C34)

R.T.: 19.081 min

Delta R.T.: -0.001 min

Response: 1783012

Conc: 20.32 ug/ml



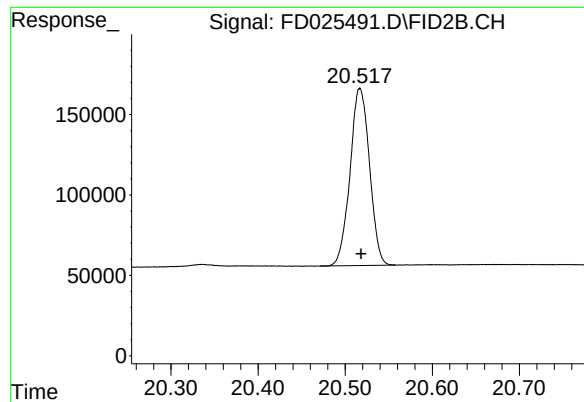
#20 n-Hexatriacontane (C36)

R.T.: 19.817 min

Delta R.T.: -0.001 min

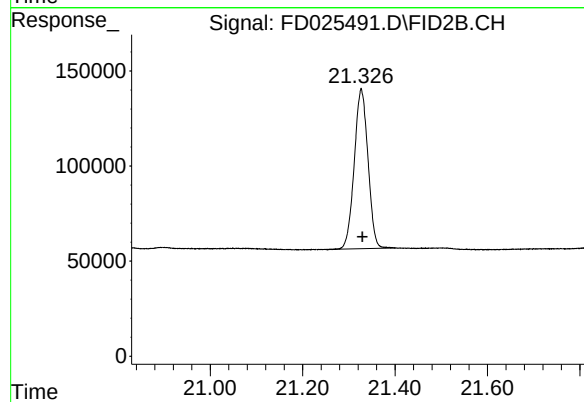
Response: 1735509

Conc: 20.66 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.517 min
Delta R.T.: 0.000 min
Response: 1709488
Conc: 20.47 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.327 min
Delta R.T.: -0.003 min
Response: 1728186
Conc: 20.51 ug/ml