

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD083018AL\
 Data File : FD025528.D
 Signal(s) : FID2B.CH
 Acq On : 30 Aug 2018 22:06
 Operator : AJ\SJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 31 05:40:03 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)	11.333	1860850	22.152 ug/ml
Spiked Amount 50.000		Recovery =	44.30%
12) S 1-chlorooctadecane (S...	12.774	1432790	20.783 ug/ml
Spiked Amount 50.000		Recovery =	41.57%
Target Compounds			
1) T n-Nonane (C9)	3.140	1478985	21.944 ug/ml
2) T n-Decane (C10)	4.204	1508324	22.209 ug/ml
3) T A-Naphthalene (C11.7)	5.770	1743752	22.375 ug/ml
4) T n-Dodecane (C12)	6.218	1527656	22.492 ug/ml
5) T A-2-methylnaphthalene...	6.822	1767981	22.601 ug/ml
6) T n-Tetradecane (C14)	8.005	1565954	22.605 ug/ml
7) T n-Hexadecane (C16)	9.598	1610258	22.443 ug/ml
8) T n-Octadecane (C18)	11.033	1631079	21.630 ug/ml
10) T n-Eicosane (C20)	12.336	1661659	21.300 ug/ml
11) T n-Heneicosane (C21)	12.945	1654096	21.064 ug/ml
13) T n-Docosane (C22)	13.529	1657236	20.934 ug/ml
14) T n-Tetracosane (C24)	14.627	1669994	20.748 ug/ml
15) T n-Hexacosane (C26)	15.643	1687389	20.609 ug/ml
16) T n-Octacosane (C28)	16.588	1725603	19.128 ug/ml
17) T n-Tricontane (C30)	17.472	1757357	16.692 ug/ml
18) T n-Dotriacontane (C32)	18.299	1810380	18.481 ug/ml
19) T n-Tetratriacontane (C34)	19.078	1784916	20.341 ug/ml
20) T n-Hexatriacontane (C36)	19.813	1722200	20.504 ug/ml
21) T n-Octatriacontane (C38)	20.514	1684444	20.167 ug/ml
22) T n-Tetracontane (C40)	21.323	1691184	20.074 ug/ml

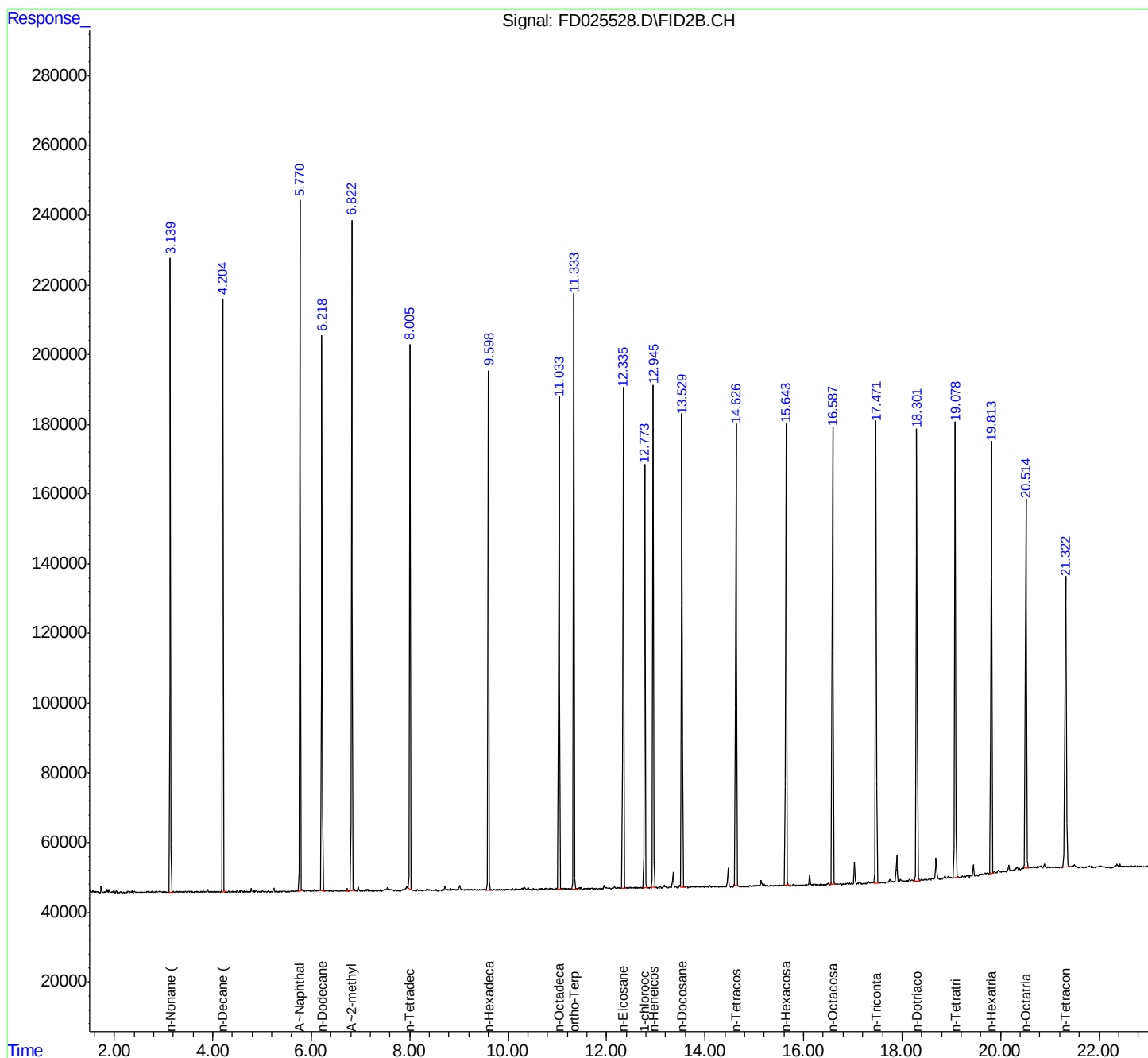
(f)=RT Delta > 1/2 Window

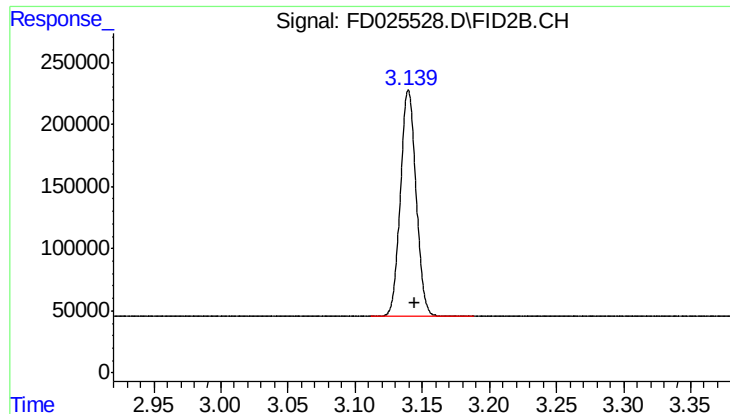
(m)=manual int.

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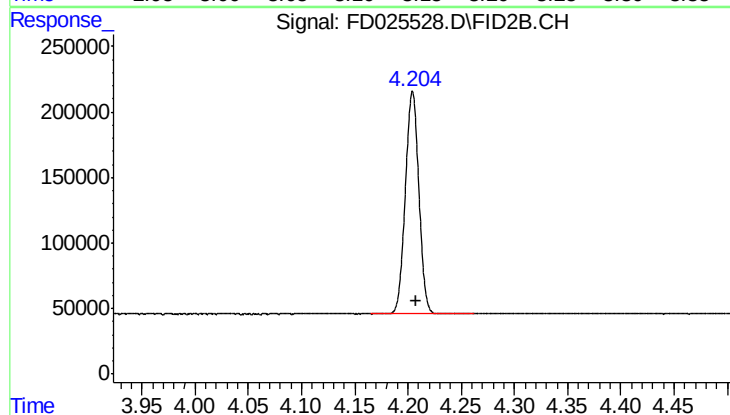
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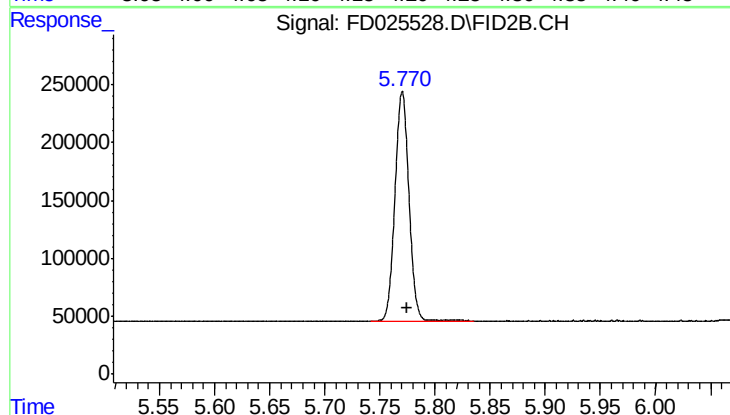
#1 n-Nonane (C9)

R.T.: 3.140 min
Delta R.T.: -0.005 min
Response: 1478985
Conc: 21.94 ug/ml



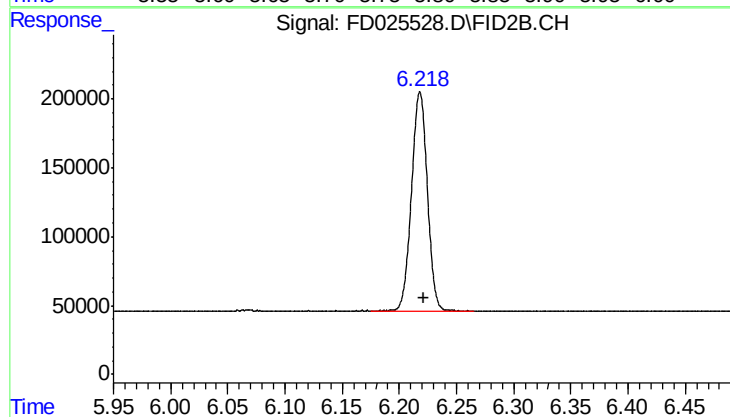
#2 n-Decane (C10)

R.T.: 4.204 min
Delta R.T.: -0.004 min
Response: 1508324
Conc: 22.21 ug/ml



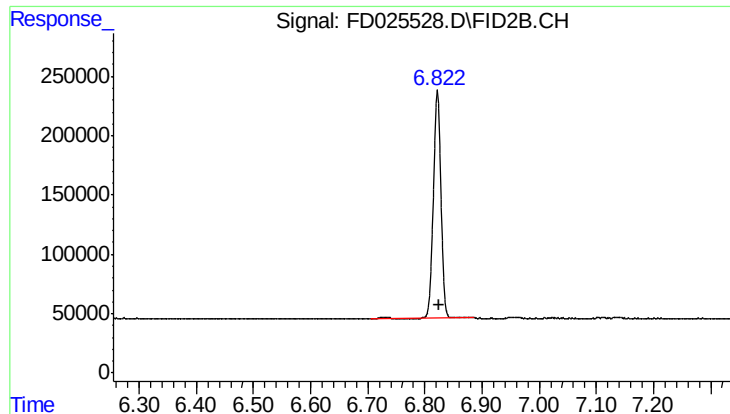
#3 A-Naphthalene (C11.7)

R.T.: 5.770 min
Delta R.T.: -0.004 min
Response: 1743752
Conc: 22.37 ug/ml



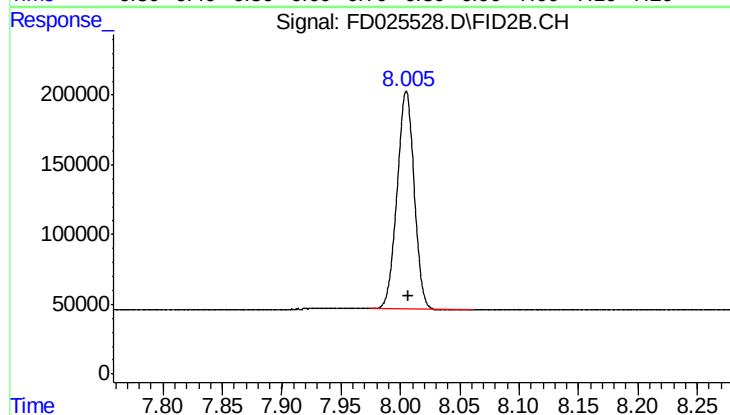
#4 n-Dodecane (C12)

R.T.: 6.218 min
Delta R.T.: -0.003 min
Response: 1527656
Conc: 22.49 ug/ml



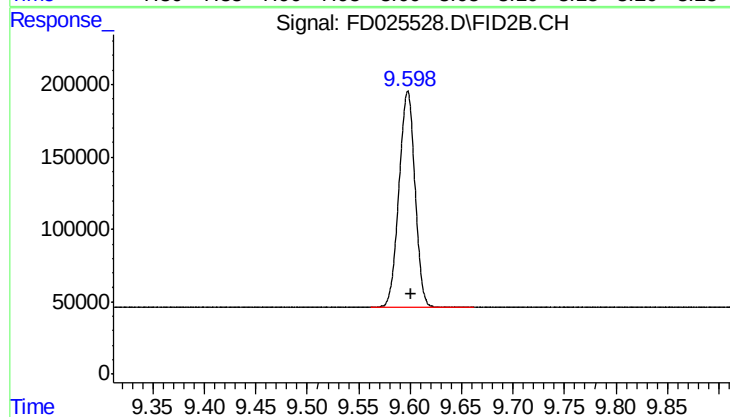
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.822 min
Delta R.T.: -0.004 min
Response: 1767981
Conc: 22.60 ug/ml



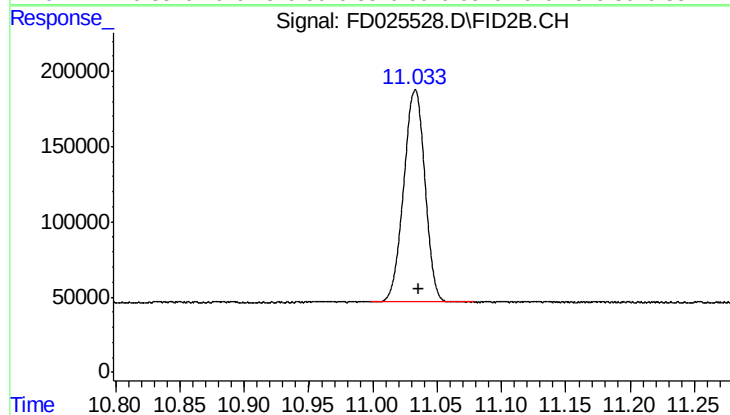
#6 n-Tetradecane (C14)

R.T.: 8.005 min
Delta R.T.: -0.002 min
Response: 1565954
Conc: 22.61 ug/ml



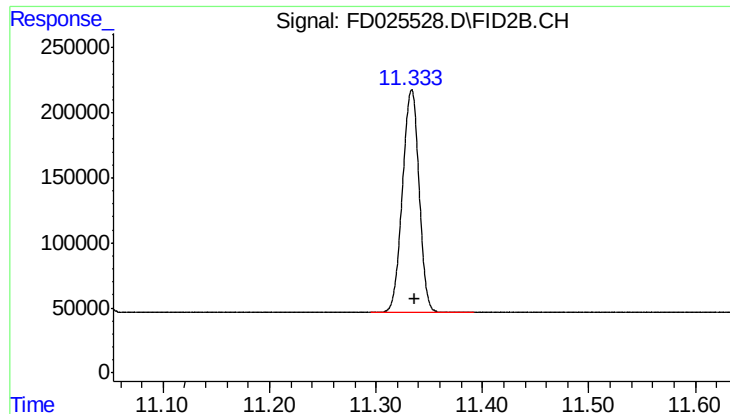
#7 n-Hexadecane (C16)

R.T.: 9.598 min
Delta R.T.: -0.003 min
Response: 1610258
Conc: 22.44 ug/ml



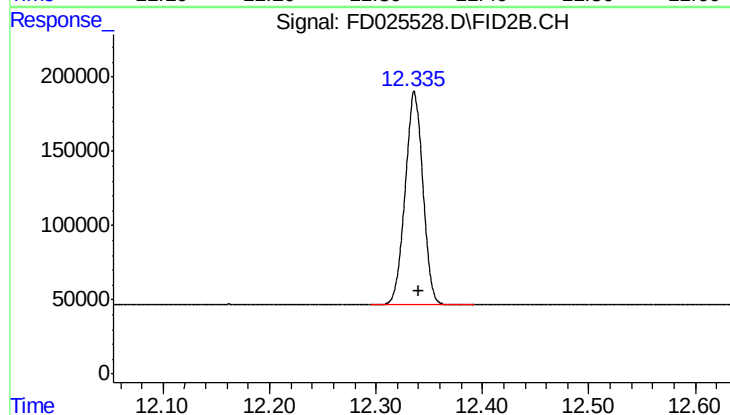
#8 n-Octadecane (C18)

R.T.: 11.033 min
Delta R.T.: -0.003 min
Response: 1631079
Conc: 21.63 ug/ml



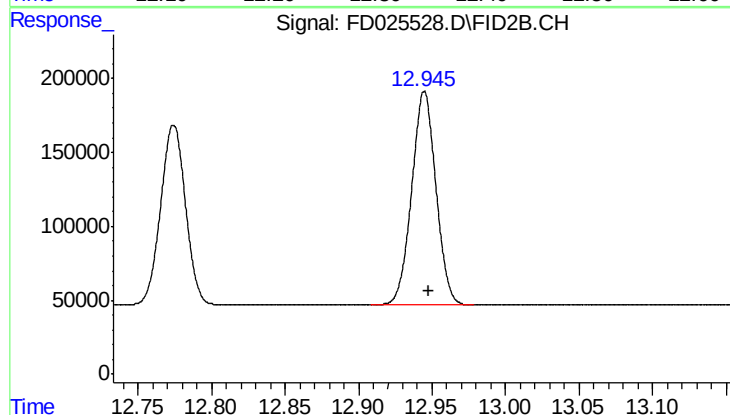
#9 ortho-Terphenyl (SURR)

R.T.: 11.333 min
Delta R.T.: -0.003 min
Response: 1860850
Conc: 22.15 ug/ml



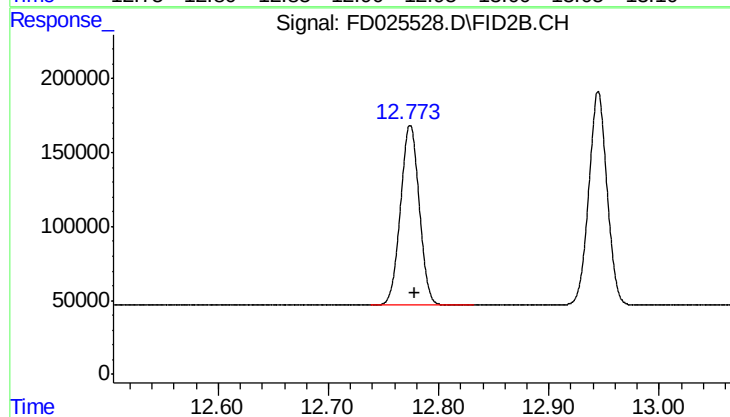
#10 n-Eicosane (C20)

R.T.: 12.336 min
Delta R.T.: -0.004 min
Response: 1661659
Conc: 21.30 ug/ml



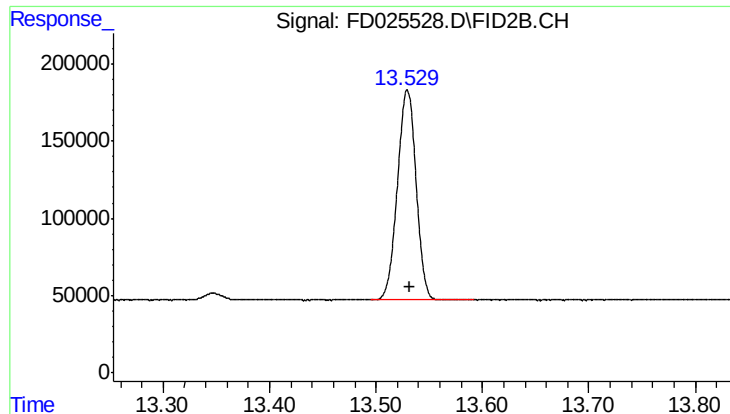
#11 n-Heneicosane (C21)

R.T.: 12.945 min
Delta R.T.: -0.003 min
Response: 1654096
Conc: 21.06 ug/ml



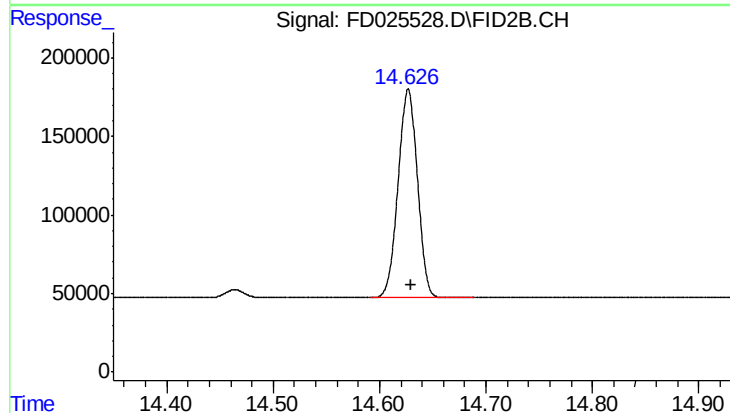
#12 1-chlorooctadecane (SURR)

R.T.: 12.774 min
Delta R.T.: -0.004 min
Response: 1432790
Conc: 20.78 ug/ml



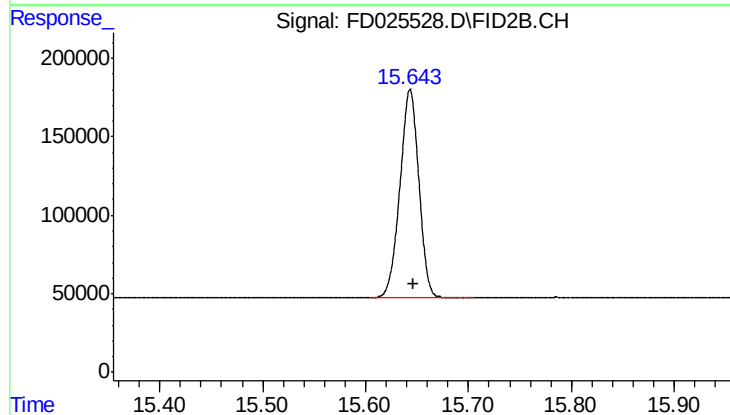
#13 n-Docosane (C22)

R.T.: 13.529 min
Delta R.T.: -0.002 min
Response: 1657236
Conc: 20.93 ug/ml



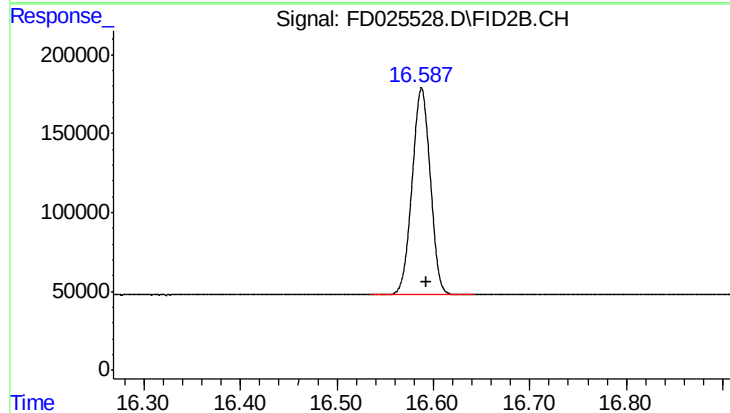
#14 n-Tetracosane (C24)

R.T.: 14.627 min
Delta R.T.: -0.003 min
Response: 1669994
Conc: 20.75 ug/ml



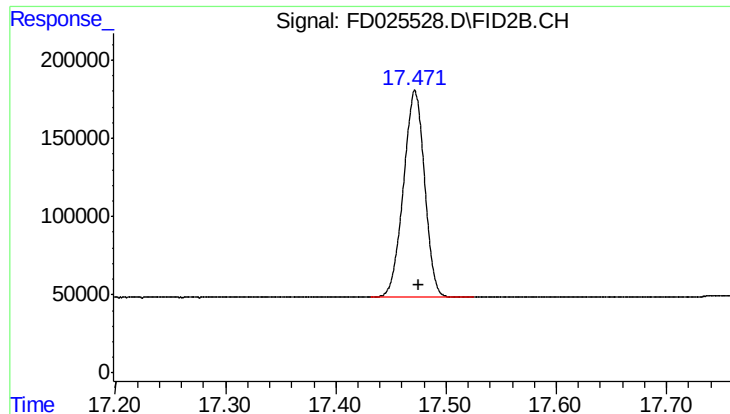
#15 n-Hexacosane (C26)

R.T.: 15.643 min
Delta R.T.: -0.003 min
Response: 1687389
Conc: 20.61 ug/ml



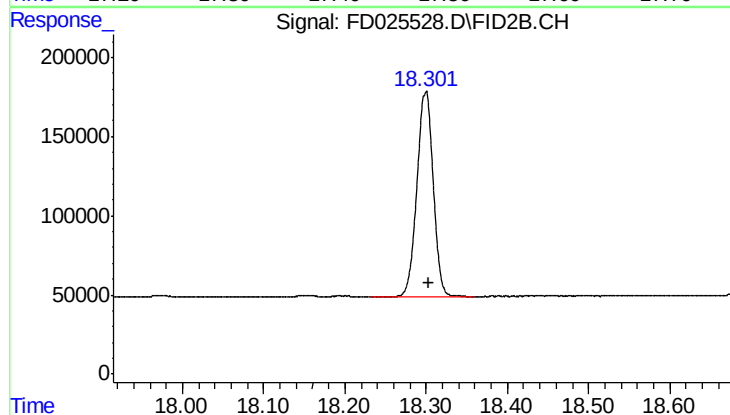
#16 n-Octacosane (C28)

R.T.: 16.588 min
Delta R.T.: -0.005 min
Response: 1725603
Conc: 19.13 ug/ml



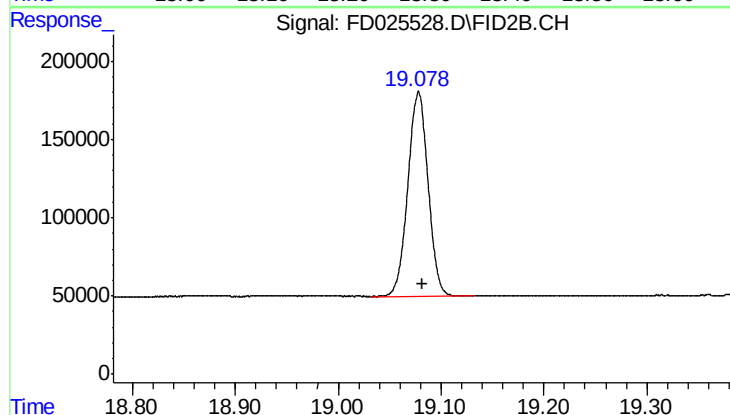
#17 n-Tricontane (C30)

R.T.: 17.472 min
Delta R.T.: -0.003 min
Response: 1757357
Conc: 16.69 ug/ml



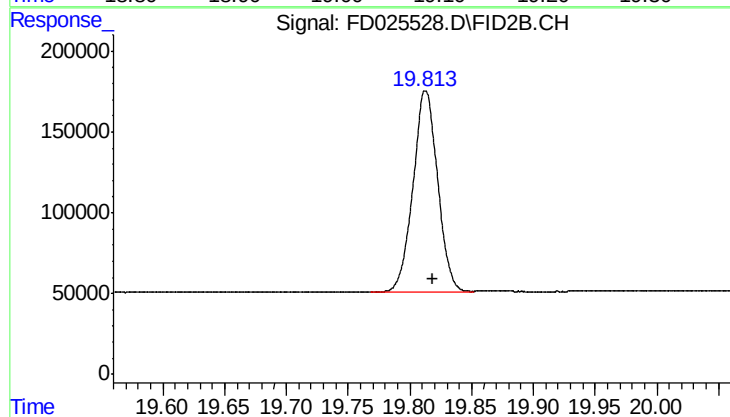
#18 n-Dotriacontane (C32)

R.T.: 18.299 min
Delta R.T.: -0.004 min
Response: 1810380
Conc: 18.48 ug/ml



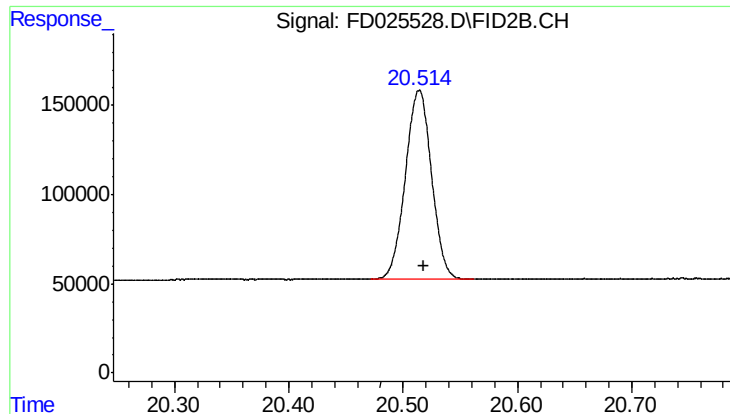
#19 n-Tetratriacontane (C34)

R.T.: 19.078 min
Delta R.T.: -0.004 min
Response: 1784916
Conc: 20.34 ug/ml



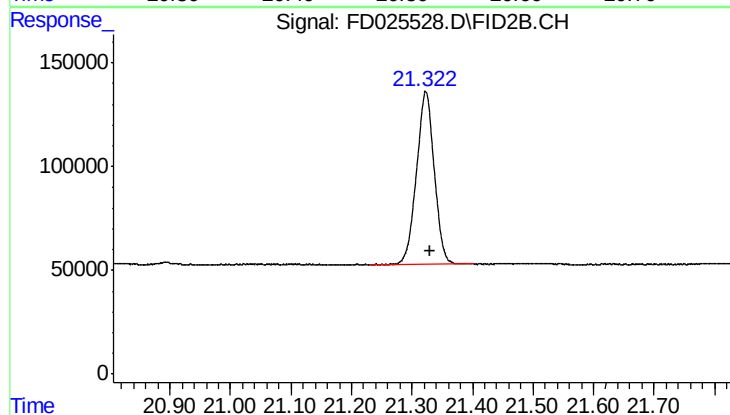
#20 n-Hexatriacontane (C36)

R.T.: 19.813 min
Delta R.T.: -0.005 min
Response: 1722200
Conc: 20.50 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.514 min
Delta R.T.: -0.004 min
Response: 1684444
Conc: 20.17 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.323 min
Delta R.T.: -0.006 min
Response: 1691184
Conc: 20.07 ug/ml