

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122321AL\
 Data File : FD040151.D
 Signal(s) : FID2B.CH
 Acq On : 24 Dec 2021 3:44
 Operator : AJ\MA
 Sample : M5211-01MSD
 Misc :
 ALS Vial : 79 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 24 06:09:35 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 122321.M
 Quant Title : GC Extractables
 QLast Update : Thu Dec 23 13:40:18 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)	10.731	5996937	39.791 ug/ml
Spiked Amount 50.000		Recovery =	79.58%
12) S 1-chlorooctadecane (S...	12.166	4824087	40.857 ug/ml
Spiked Amount 50.000		Recovery =	81.71%
Target Compounds			
1) T n-Nonane (C9)	2.647	3538954	26.940 ug/ml
2) T n-Decane (C10)	3.643	3961993	29.936 ug/ml
3) T A~Naphthalene (C11.7)	5.184	4917184	33.055 ug/ml
4) T n-Dodecane (C12)	5.618	4313987	32.811 ug/ml
5) T A~2-methylnaphthalene...	6.227	4995761	33.535 ug/ml
6) T n-Tetradecane (C14)	7.400	4892294	37.134 ug/ml
7) T n-Hexadecane (C16)	8.989	5606843	42.082 ug/ml
8) T n-Octadecane (C18)	10.424	5685636	40.846 ug/ml
10) T n-Eicosane (C20)	11.728	5606774	40.018 ug/ml
11) T n-Heneicosane (C21)	12.336	5774936	40.646 ug/ml
13) T n-Docosane (C22)	12.919	5952115	42.022 ug/ml
14) T n-Tetracosane (C24)	14.016	5131812	35.986 ug/ml
15) T n-Hexacosane (C26)	15.034	4857497	35.762 ug/mlm
16) T n-Octacosane (C28)	15.979	4550897	35.447 ug/mlm
17) T n-Tricontane (C30)	16.864	4249766	35.387 ug/mlm
18) T n-Dotriacontane (C32)	17.691	4453133	39.515 ug/mlm
19) T n-Tetratriacontane (C34)	18.473	3697949	33.830 ug/mlm
20) T n-Hexatriacontane (C36)	19.207	3143517	30.684 ug/mlm
21) T n-Octatriacontane (C38)	19.917	2795606	29.154 ug/mlm
22) T n-Tetracontane (C40)	20.756	2938786	37.801 ug/ml

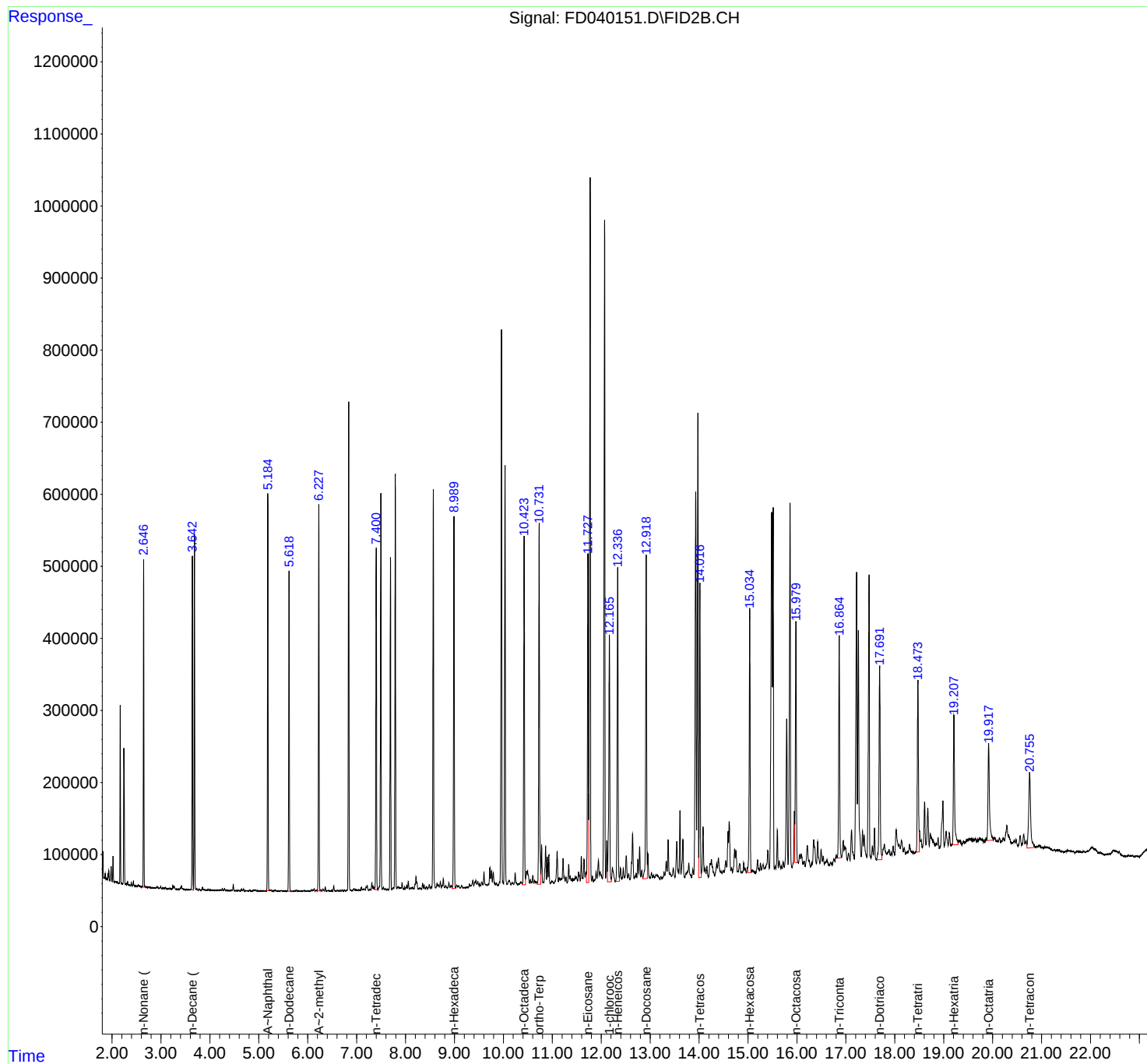
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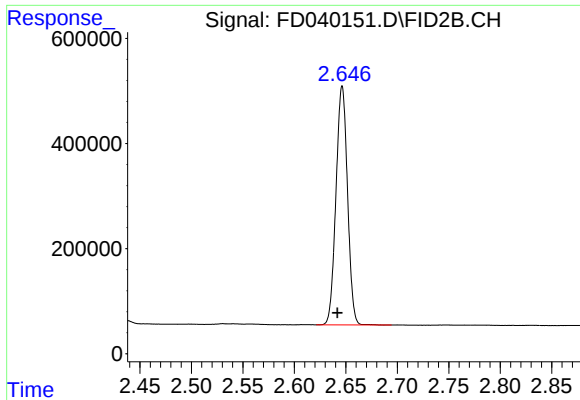
(m)=manual int.

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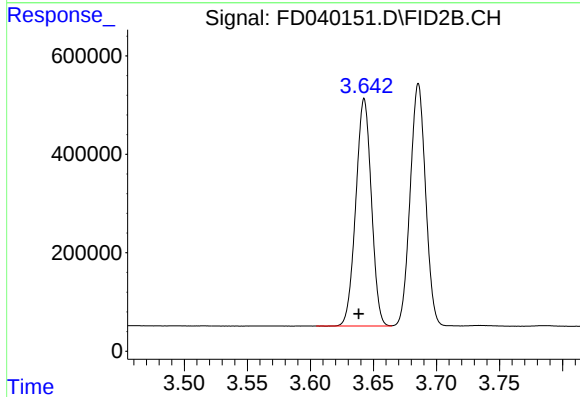
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Signal Info : 20M x 0.18mm x 0.18um





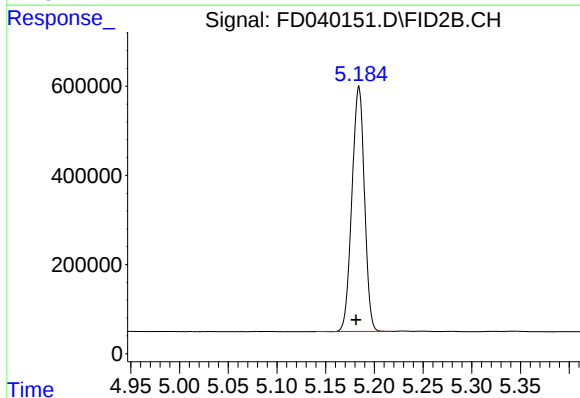
#1 n-Nonane (C9)

R.T.: 2.647 min
Delta R.T.: 0.005 min
Response: 3538954
Conc: 26.94 ug/ml



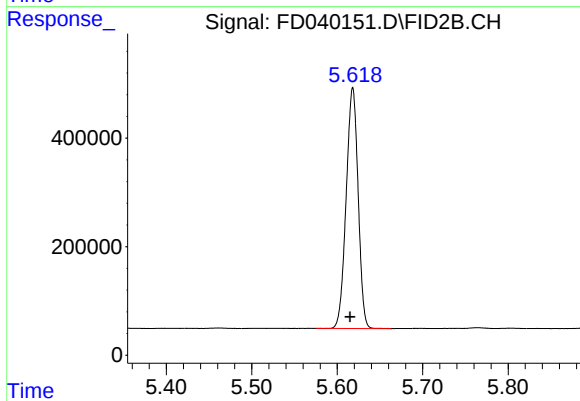
#2 n-Decane (C10)

R.T.: 3.643 min
Delta R.T.: 0.004 min
Response: 3961993
Conc: 29.94 ug/ml



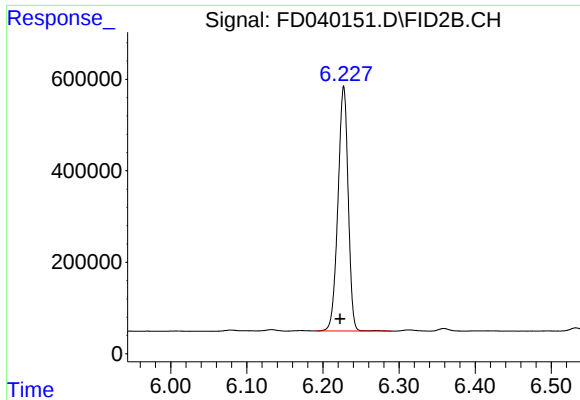
#3 A~Naphthalene (C11.7)

R.T.: 5.184 min
Delta R.T.: 0.003 min
Response: 4917184
Conc: 33.06 ug/ml



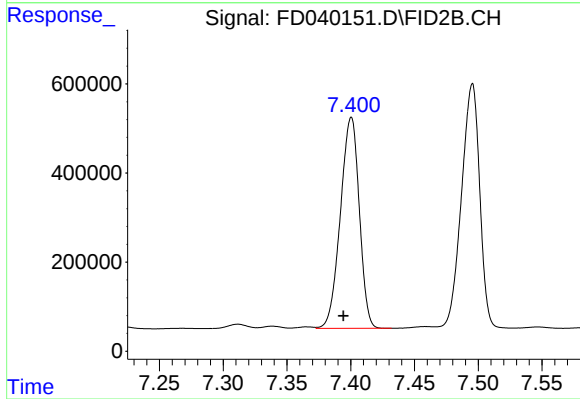
#4 n-Dodecane (C12)

R.T.: 5.618 min
Delta R.T.: 0.003 min
Response: 4313987
Conc: 32.81 ug/ml



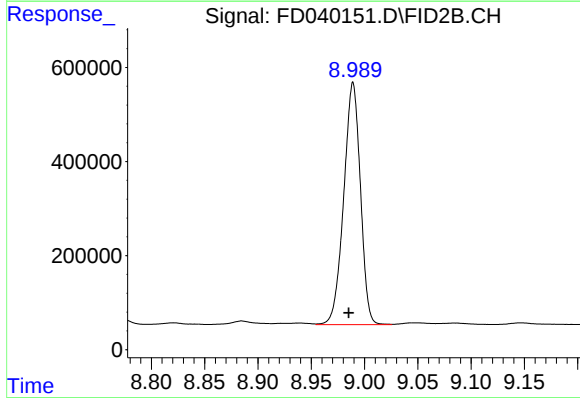
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.227 min
Delta R.T.: 0.005 min
Response: 4995761
Conc: 33.53 ug/ml



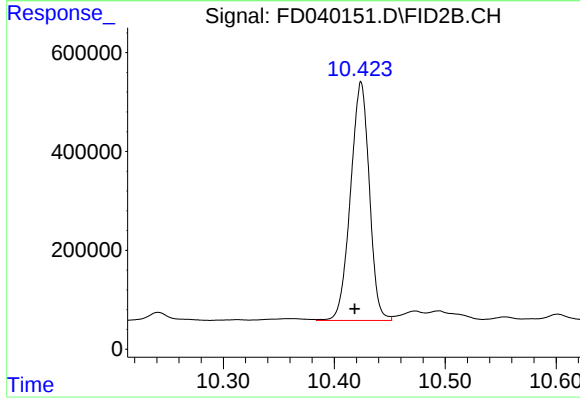
#6 n-Tetradecane (C14)

R.T.: 7.400 min
Delta R.T.: 0.006 min
Response: 4892294
Conc: 37.13 ug/ml



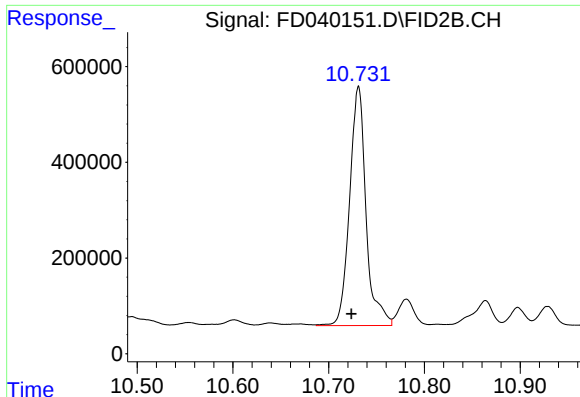
#7 n-Hexadecane (C16)

R.T.: 8.989 min
Delta R.T.: 0.004 min
Response: 5606843
Conc: 42.08 ug/ml



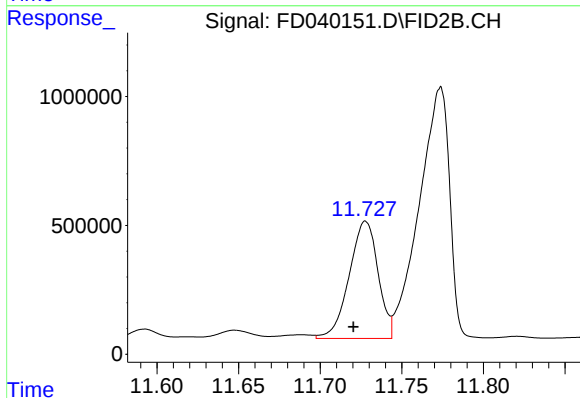
#8 n-Octadecane (C18)

R.T.: 10.424 min
Delta R.T.: 0.006 min
Response: 5685636
Conc: 40.85 ug/ml



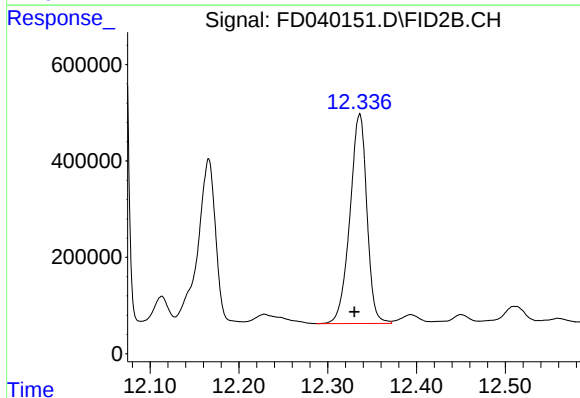
#9 ortho-Terphenyl (SURR)

R.T.: 10.731 min
Delta R.T.: 0.007 min
Response: 5996937
Conc: 39.79 ug/ml



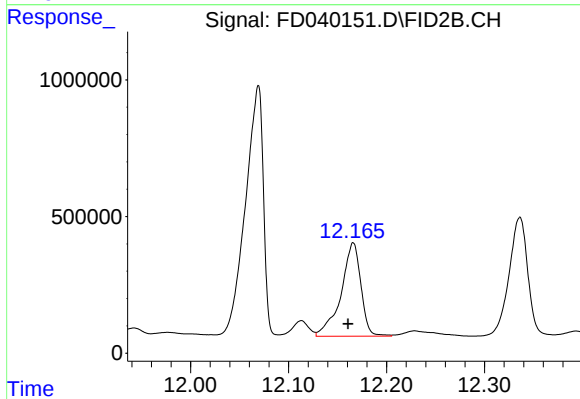
#10 n-Eicosane (C20)

R.T.: 11.728 min
Delta R.T.: 0.008 min
Response: 5606774
Conc: 40.02 ug/ml



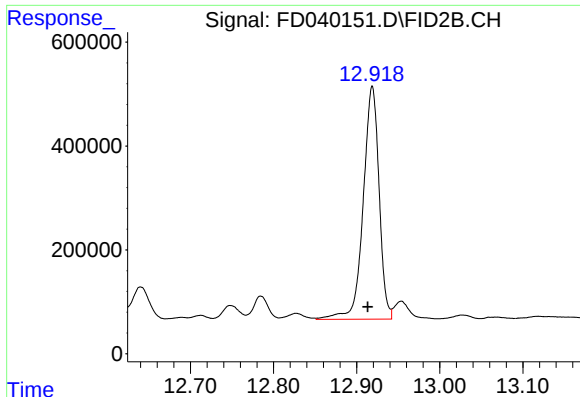
#11 n-Heneicosane (C21)

R.T.: 12.336 min
Delta R.T.: 0.006 min
Response: 5774936
Conc: 40.65 ug/ml



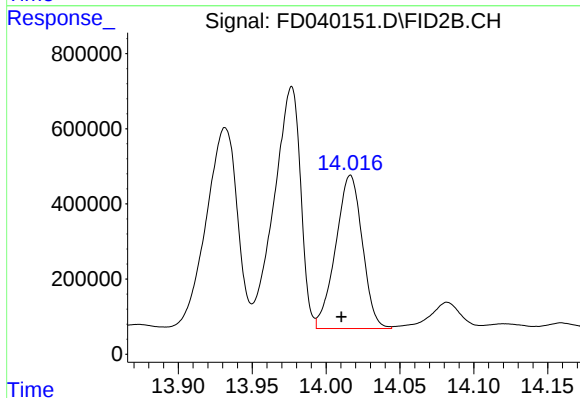
#12 1-chlorooctadecane (SURR)

R.T.: 12.166 min
Delta R.T.: 0.005 min
Response: 4824087
Conc: 40.86 ug/ml



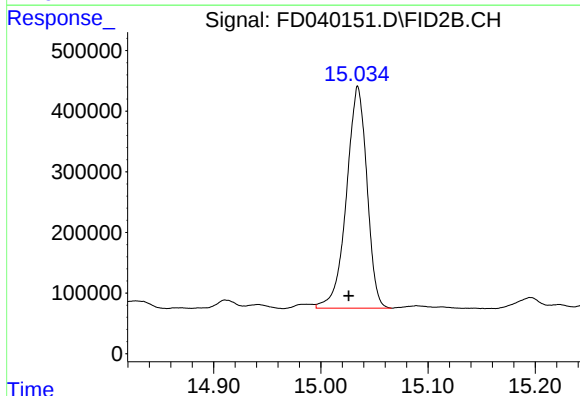
#13 n-Docosane (C22)

R.T.: 12.919 min
Delta R.T.: 0.006 min
Response: 5952115
Conc: 42.02 ug/ml



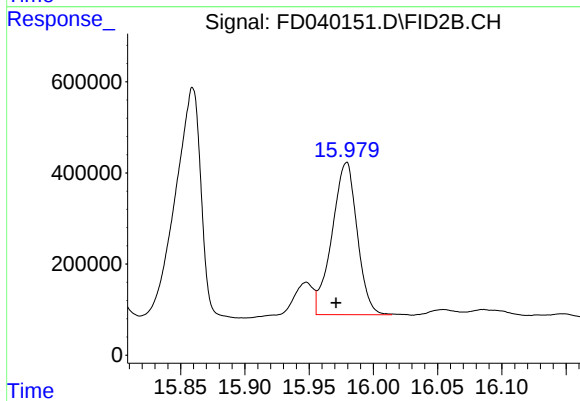
#14 n-Tetracosane (C24)

R.T.: 14.016 min
Delta R.T.: 0.006 min
Response: 5131812
Conc: 35.99 ug/ml



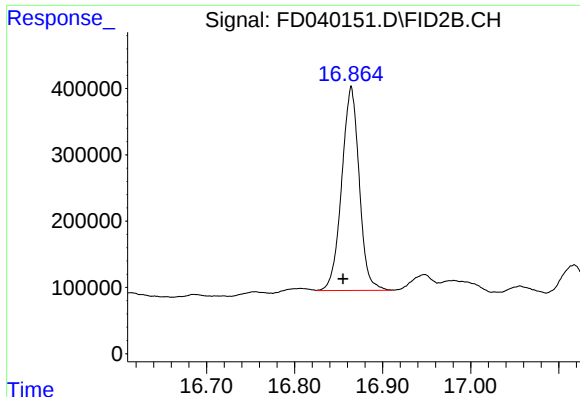
#15 n-Hexacosane (C26)

R.T.: 15.034 min
Delta R.T.: 0.008 min
Response: 4857497
Conc: 35.76 ug/ml m



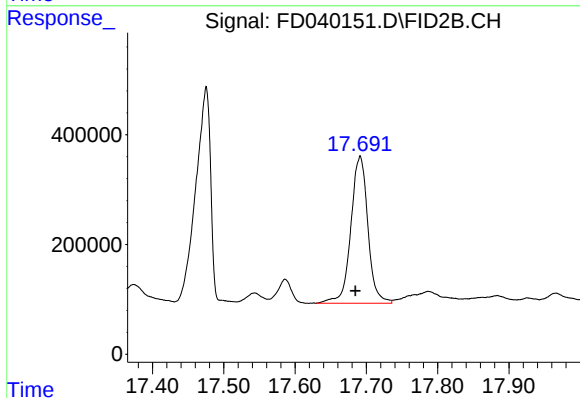
#16 n-Octacosane (C28)

R.T.: 15.979 min
Delta R.T.: 0.008 min
Response: 4550897
Conc: 35.45 ug/ml m



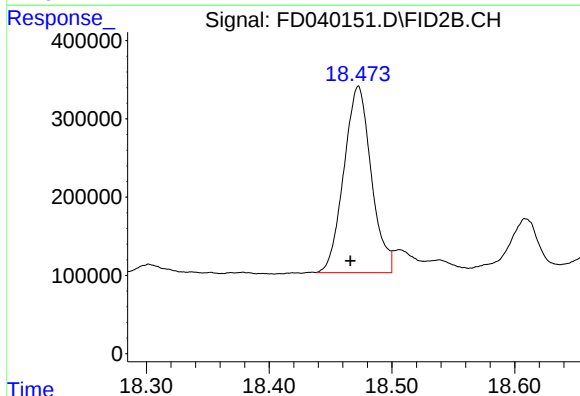
#17 n-Tricontane (C30)

R.T.: 16.864 min
Delta R.T.: 0.009 min
Response: 4249766
Conc: 35.39 ug/ml m



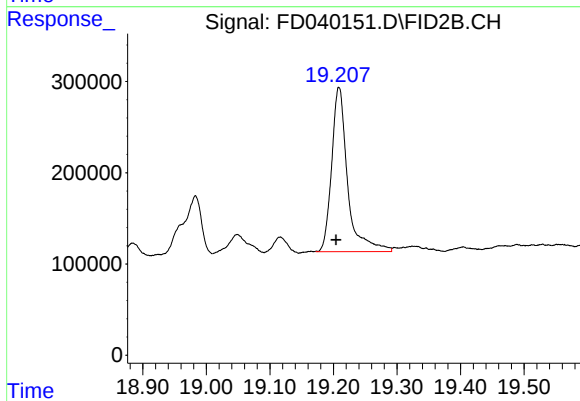
#18 n-Dotriacontane (C32)

R.T.: 17.691 min
Delta R.T.: 0.007 min
Response: 4453133
Conc: 39.51 ug/ml m



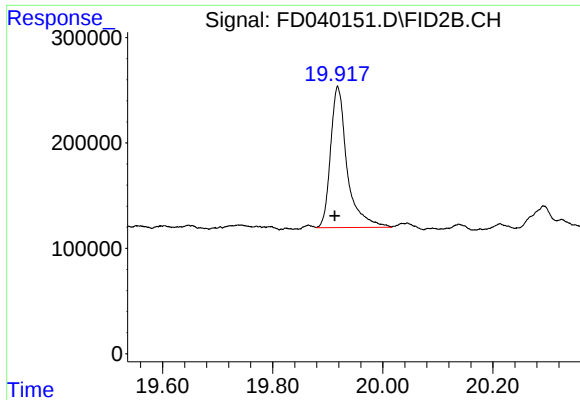
#19 n-Tetratriacontane (C34)

R.T.: 18.473 min
Delta R.T.: 0.006 min
Response: 3697949
Conc: 33.83 ug/ml m



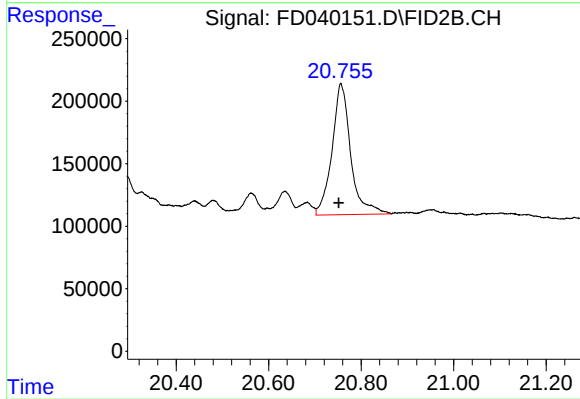
#20 n-Hexatriacontane (C36)

R.T.: 19.207 min
Delta R.T.: 0.003 min
Response: 3143517
Conc: 30.68 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 19.917 min
Delta R.T.: 0.005 min
Response: 2795606
Conc: 29.15 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 20.756 min
Delta R.T.: 0.004 min
Response: 2938786
Conc: 37.80 ug/ml