

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE032324AL\
 Data File : FE047287.D
 Signal(s) : FID1B.ch
 Acq On : 22 Mar 2024 22:33
 Operator : YP\AJ
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 23 01:30:06 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032324.M
 Quant Title : GC Extractables
 QLast Update : Sat Mar 23 01:29:59 2024
 Response via : Initial Calibration
 Integrator: ChemStation

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)	11.980	1689744	10.971 ug/ml
Spiked Amount 50.000		Recovery =	21.94%
12) S 1-chlorooctadecane (S...	13.412	1308564	10.963 ug/ml
Spiked Amount 50.000		Recovery =	21.93%
Target Compounds			
1) T n-Nonane (C9)	3.366	1566433	10.897 ug/ml
2) T n-Decane (C10)	4.617	1597000	10.890 ug/ml
3) T A~Naphthalene (C11.7)	6.323	1653053	10.808 ug/ml
4) T n-Dodecane (C12)	6.781	1605127	10.910 ug/ml
5) T A~2-methylnaphthalene...	7.418	1602334	10.850 ug/ml
6) T n-Tetradecane (C14)	8.610	1584639	10.939 ug/ml
7) T n-Hexadecane (C16)	10.217	1630055	10.972 ug/ml
8) T n-Octadecane (C18)	11.658	1638967	10.993 ug/ml
10) T n-Eicosane (C20)	12.967	1569704	10.990 ug/ml
11) T n-Heneicosane (C21)	13.578	1543531	10.995 ug/ml
13) T n-Docosane (C22)	14.164	1528501	10.967 ug/ml
14) T n-Tetracosane (C24)	15.265	1517722	10.953 ug/ml
15) T n-Hexacosane (C26)	16.286	1493304	10.924 ug/ml
16) T n-Octacosane (C28)	17.233	1461987	10.867 ug/ml
17) T n-Tricontane (C30)	18.119	1483142	10.853 ug/ml
18) T n-Dotriacontane (C32)	18.950	1496034	11.011 ug/ml
19) T n-Tetratriacontane (C34)	19.732	1463207	10.865 ug/ml
20) T n-Hexatriacontane (C36)	20.468	1467709	10.882 ug/ml
21) T n-Octatriacontane (C38)	21.211	1473314	10.786 ug/ml
22) T n-Tetracontane (C40)	22.142	1600992	11.316 ug/ml

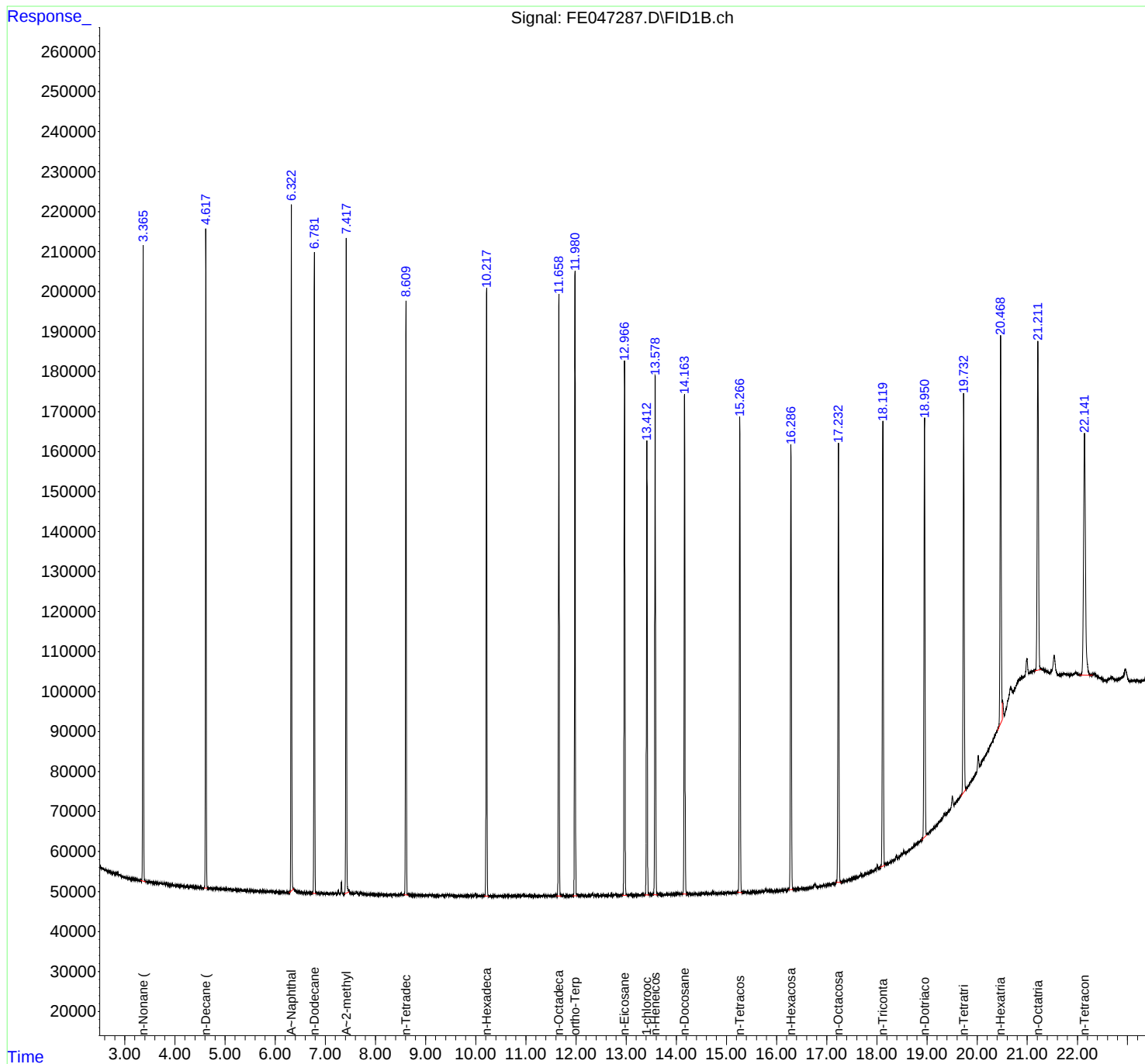
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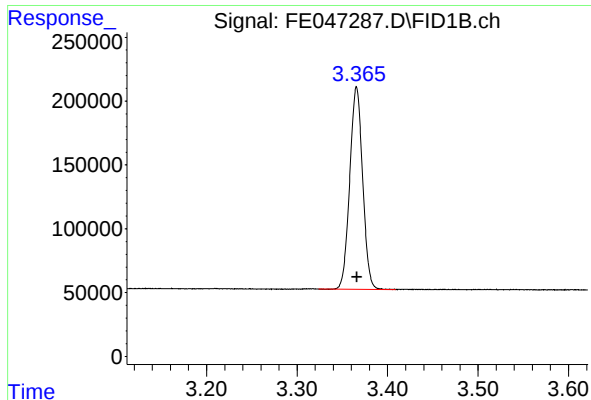
(m)=manual int.

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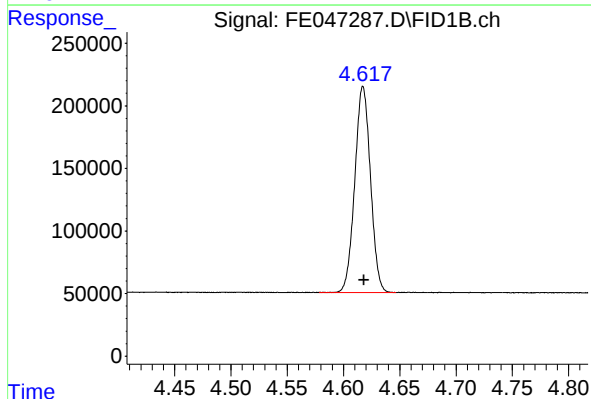
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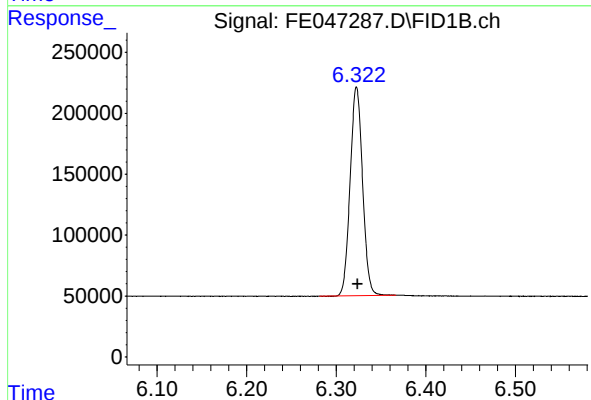
#1 n-Nonane (C9)

R.T.: 3.366 min
Delta R.T.: 0.000 min
Response: 1566433
Conc: 10.90 ug/ml



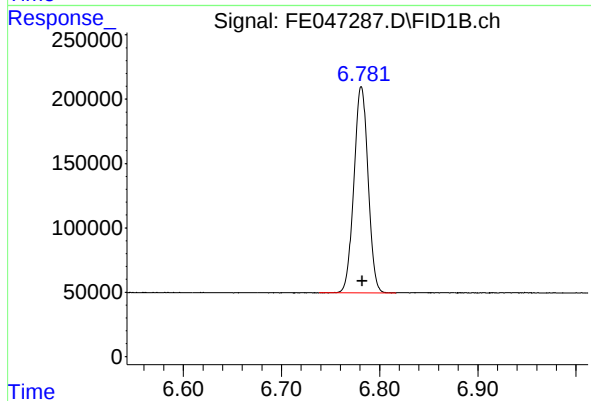
#2 n-Decane (C10)

R.T.: 4.617 min
Delta R.T.: 0.000 min
Response: 1597000
Conc: 10.89 ug/ml



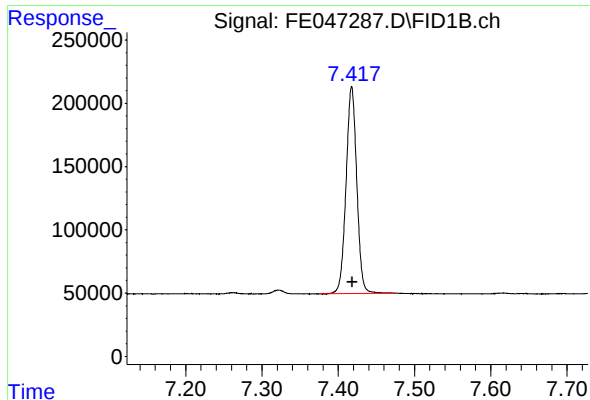
#3 A~Naphthalene (C11.7)

R.T.: 6.323 min
Delta R.T.: 0.000 min
Response: 1653053
Conc: 10.81 ug/ml



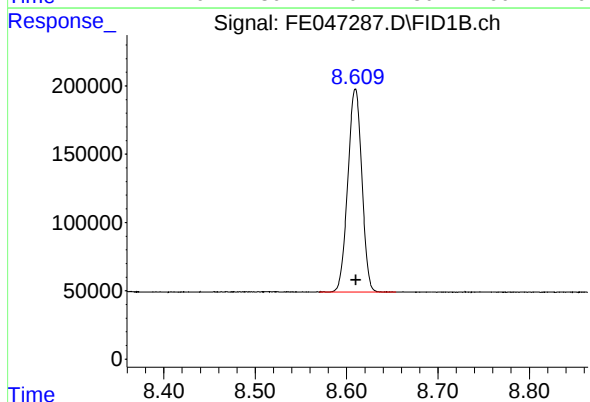
#4 n-Dodecane (C12)

R.T.: 6.781 min
Delta R.T.: 0.000 min
Response: 1605127
Conc: 10.91 ug/ml



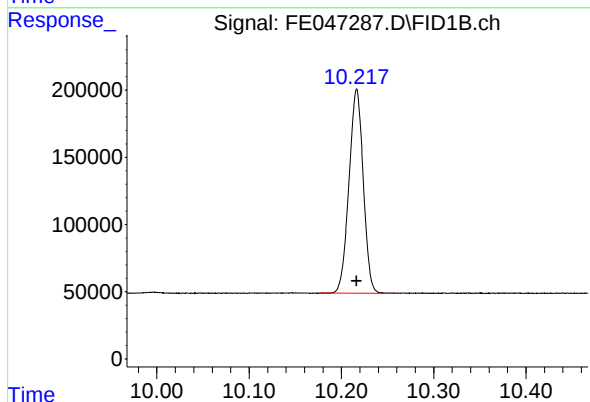
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.418 min
Delta R.T.: 0.000 min
Response: 1602334
Conc: 10.85 ug/ml



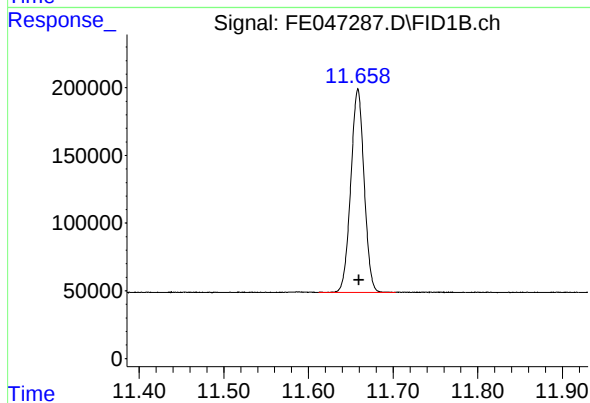
#6 n-Tetradecane (C14)

R.T.: 8.610 min
Delta R.T.: 0.000 min
Response: 1584639
Conc: 10.94 ug/ml



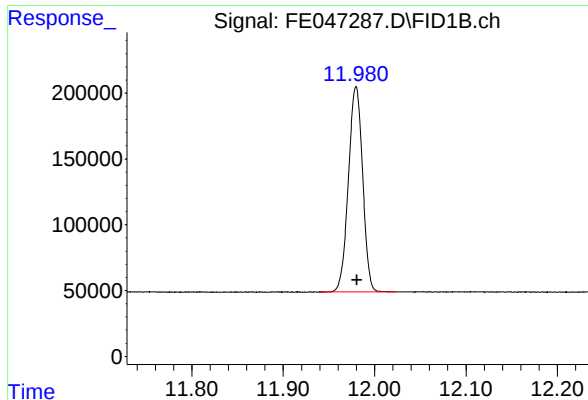
#7 n-Hexadecane (C16)

R.T.: 10.217 min
Delta R.T.: 0.000 min
Response: 1630055
Conc: 10.97 ug/ml



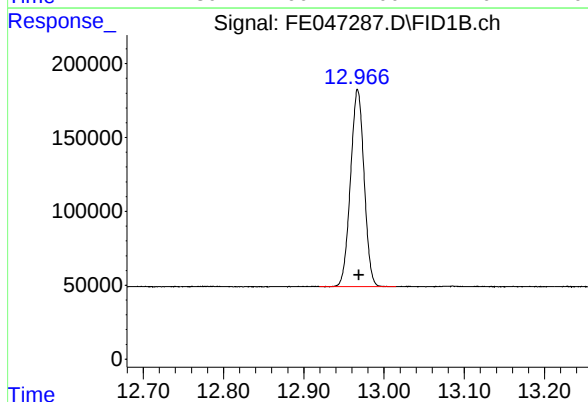
#8 n-Octadecane (C18)

R.T.: 11.658 min
Delta R.T.: -0.001 min
Response: 1638967
Conc: 10.99 ug/ml



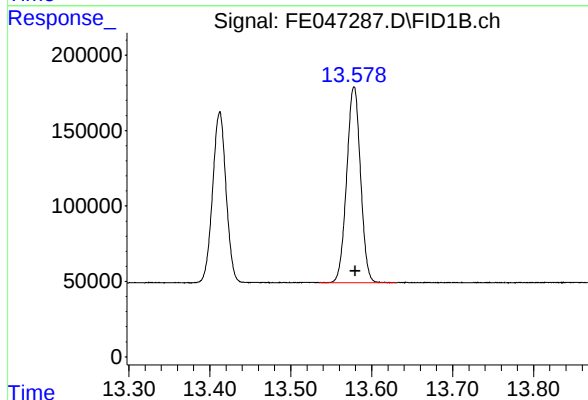
#9 ortho-Terphenyl (SURR)

R.T.: 11.980 min
Delta R.T.: 0.000 min
Response: 1689744
Conc: 10.97 ug/ml



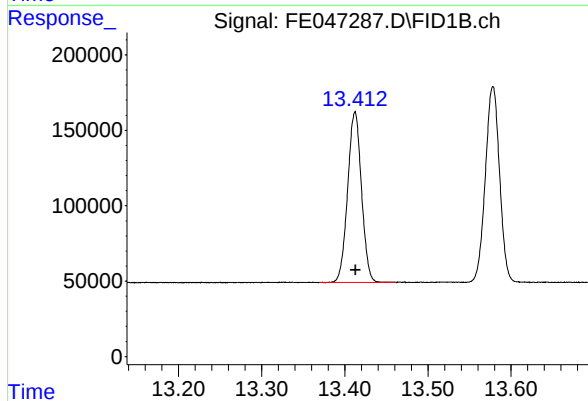
#10 n-Eicosane (C20)

R.T.: 12.967 min
Delta R.T.: -0.002 min
Response: 1569704
Conc: 10.99 ug/ml



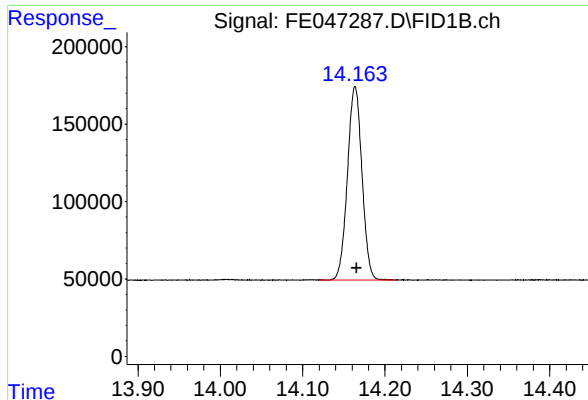
#11 n-Heneicosane (C21)

R.T.: 13.578 min
Delta R.T.: -0.002 min
Response: 1543531
Conc: 10.99 ug/ml



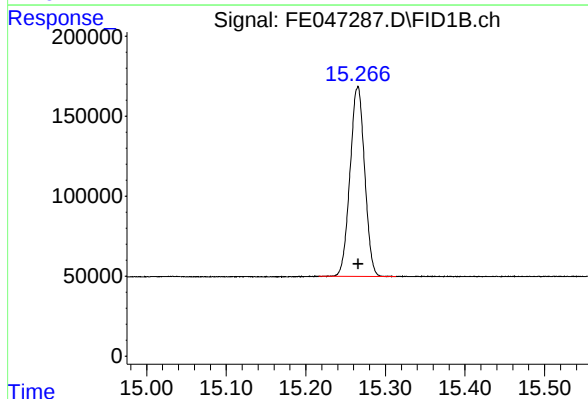
#12 1-chlorooctadecane (SURR)

R.T.: 13.412 min
Delta R.T.: 0.000 min
Response: 1308564
Conc: 10.96 ug/ml



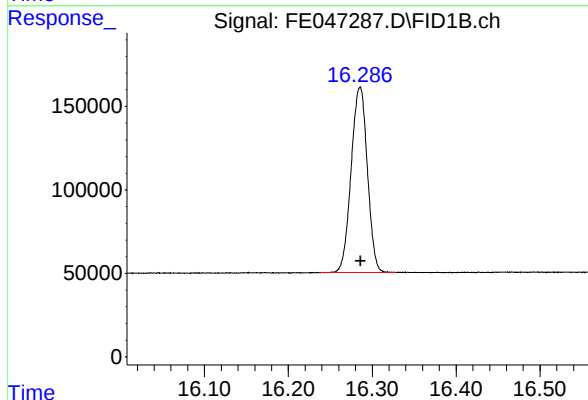
#13 n-Docosane (C22)

R.T.: 14.164 min
Delta R.T.: -0.002 min
Response: 1528501
Conc: 10.97 ug/ml



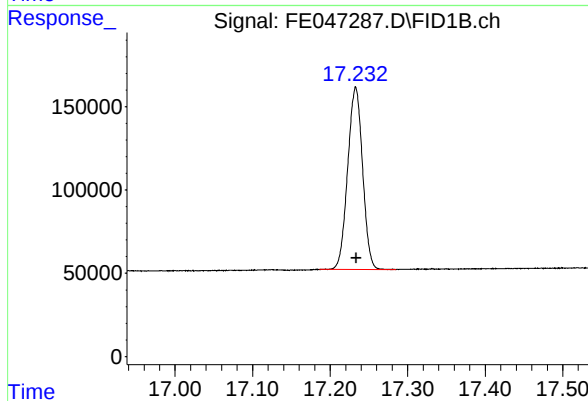
#14 n-Tetracosane (C24)

R.T.: 15.265 min
Delta R.T.: 0.000 min
Response: 1517722
Conc: 10.95 ug/ml



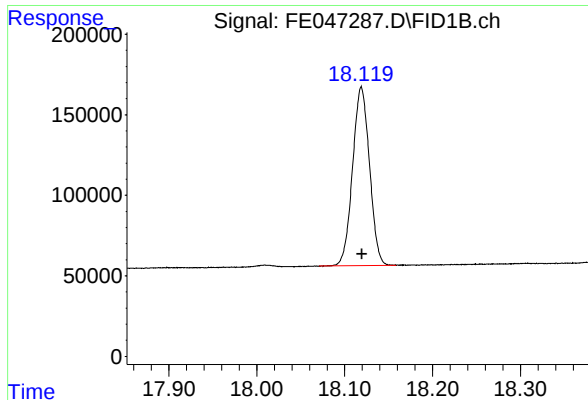
#15 n-Hexacosane (C26)

R.T.: 16.286 min
Delta R.T.: 0.000 min
Response: 1493304
Conc: 10.92 ug/ml



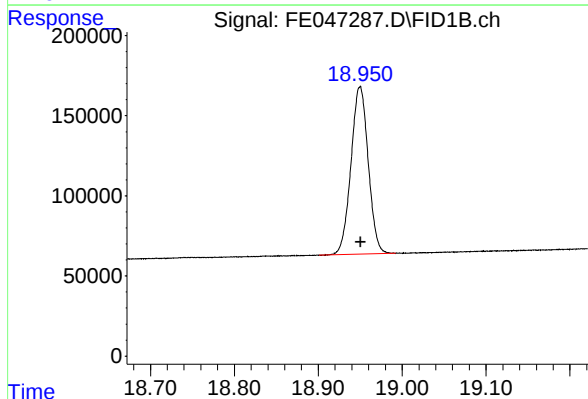
#16 n-Octacosane (C28)

R.T.: 17.233 min
Delta R.T.: 0.000 min
Response: 1461987
Conc: 10.87 ug/ml



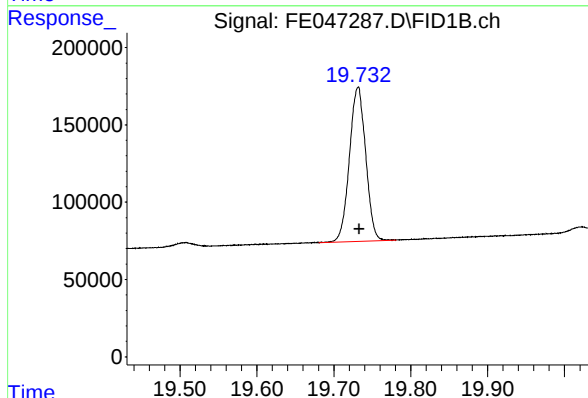
#17 n-Tricontane (C30)

R.T.: 18.119 min
Delta R.T.: 0.000 min
Response: 1483142
Conc: 10.85 ug/ml



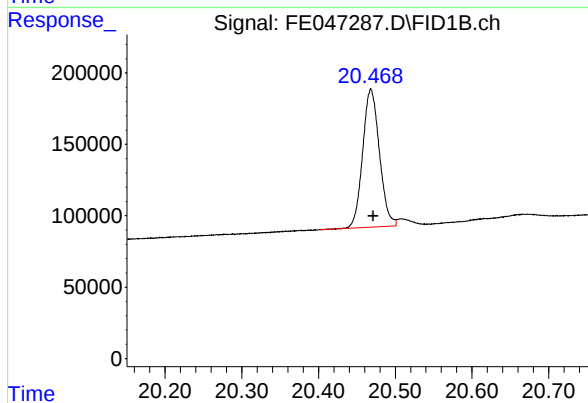
#18 n-Dotriacontane (C32)

R.T.: 18.950 min
Delta R.T.: 0.000 min
Response: 1496034
Conc: 11.01 ug/ml



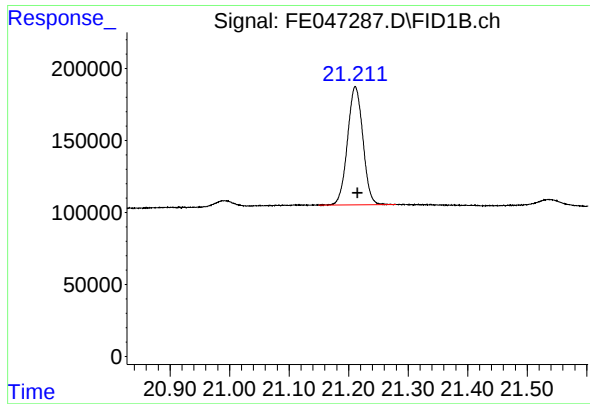
#19 n-Tetatriacontane (C34)

R.T.: 19.732 min
Delta R.T.: -0.002 min
Response: 1463207
Conc: 10.86 ug/ml



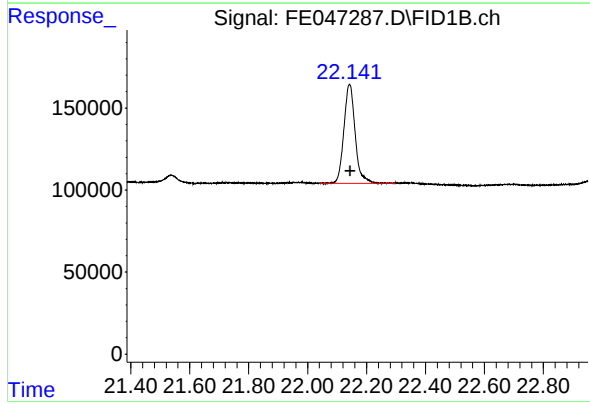
#20 n-Hexatriacontane (C36)

R.T.: 20.468 min
Delta R.T.: -0.003 min
Response: 1467709
Conc: 10.88 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.211 min
Delta R.T.: -0.004 min
Response: 1473314
Conc: 10.79 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.142 min
Delta R.T.: -0.003 min
Response: 1600992
Conc: 11.32 ug/ml