

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD052621AL\
 Data File : FD037609.D
 Signal(s) : FID2B.CH
 Acq On : 27 May 2021 5:01
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: May 27 07:05:51 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 051321.M
 Quant Title : GC Extractables
 QLast Update : Fri May 14 02:07:09 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)	11.459	2372673	20.233 ug/ml
Spiked Amount 50.000		Recovery =	40.47%
12) S 1-chlorooctadecane (S...	12.895	1820980	20.040 ug/ml
Spiked Amount 50.000		Recovery =	40.08%
Target Compounds			
1) T n-Nonane (C9)	3.258	2225834	22.060 ug/ml
2) T n-Decane (C10)	4.321	2252577	22.202 ug/ml
3) T A~Naphthalene (C11.7)	5.897	2501418	21.968 ug/ml
4) T n-Dodecane (C12)	6.332	2281641	22.070 ug/ml
5) T A~2-methylnaphthalene...	6.949	2525023	21.811 ug/ml
6) T n-Tetradecane (C14)	8.120	2265599	21.738 ug/ml
7) T n-Hexadecane (C16)	9.713	2199974	21.321 ug/ml
8) T n-Octadecane (C18)	11.148	2249791	20.823 ug/ml
10) T n-Eicosane (C20)	12.453	2225576	20.421 ug/ml
11) T n-Heneicosane (C21)	13.062	2197057	20.182 ug/ml
13) T n-Docosane (C22)	13.644	2210242	20.346 ug/ml
14) T n-Tetracosane (C24)	14.743	2262810	20.883 ug/ml
15) T n-Hexacosane (C26)	15.760	2242601	21.054 ug/ml
16) T n-Octacosane (C28)	16.705	2283190	21.550 ug/ml
17) T n-Tricontane (C30)	17.589	2349005	22.312 ug/ml
18) T n-Dotriacontane (C32)	18.416	2347962	22.541 ug/ml
19) T n-Tetratriacontane (C34)	19.197	2232141	21.960 ug/ml
20) T n-Hexatriacontane (C36)	19.933	2062535	21.145 ug/ml
21) T n-Octatriacontane (C38)	20.643	2054411	22.347 ug/ml
22) T n-Tetracontane (C40)	21.489	2051560	21.305 ug/ml

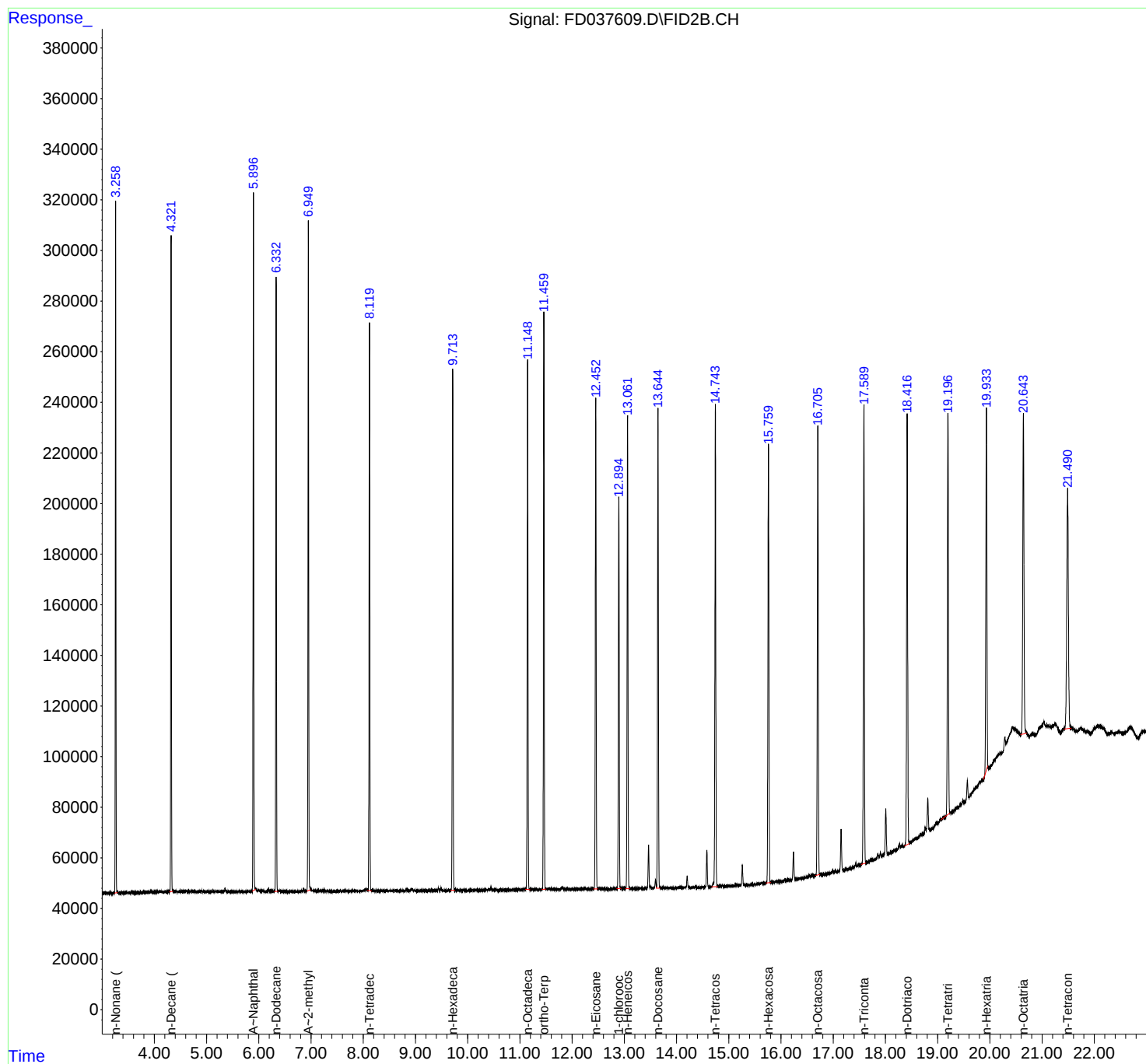
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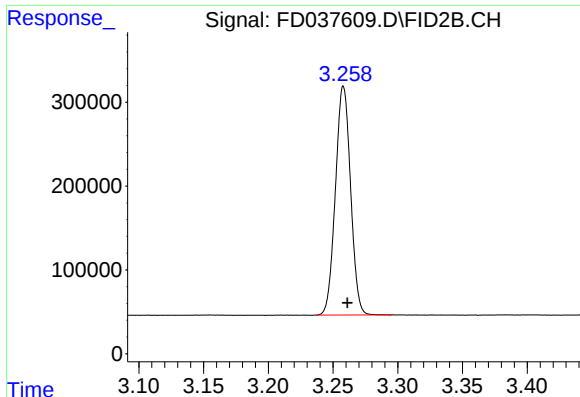
(m)=manual int.

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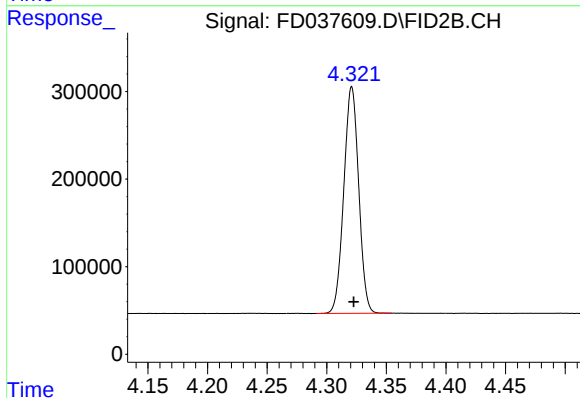
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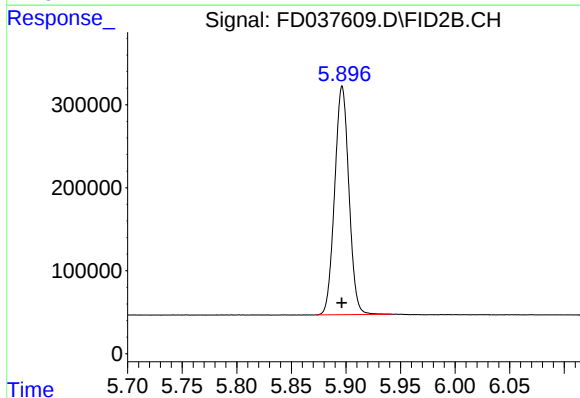
#1 n-Nonane (C9)

R.T.: 3.258 min
Delta R.T.: -0.003 min
Response: 2225834
Conc: 22.06 ug/ml



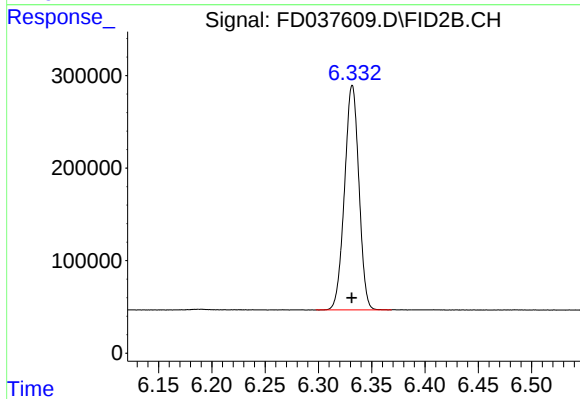
#2 n-Decane (C10)

R.T.: 4.321 min
Delta R.T.: -0.002 min
Response: 2252577
Conc: 22.20 ug/ml



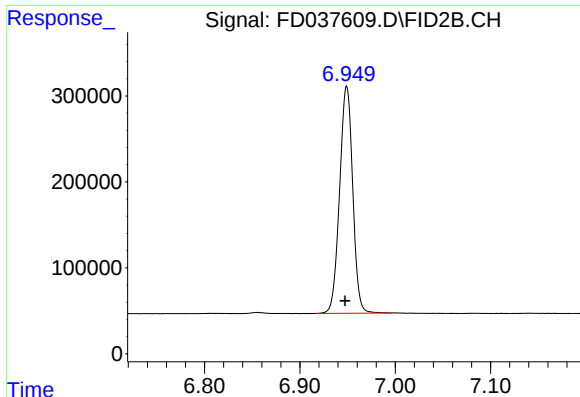
#3 A~Naphthalene (C11.7)

R.T.: 5.897 min
Delta R.T.: 0.000 min
Response: 2501418
Conc: 21.97 ug/ml



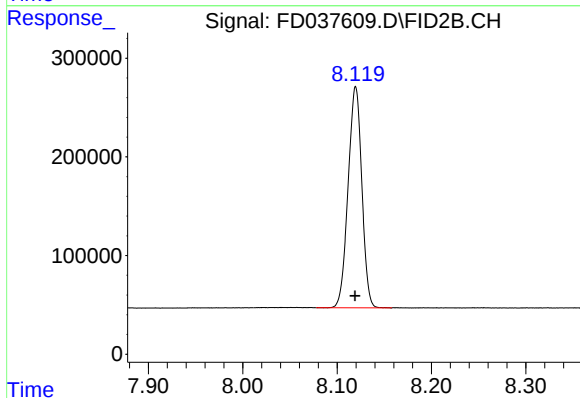
#4 n-Dodecane (C12)

R.T.: 6.332 min
Delta R.T.: 0.000 min
Response: 2281641
Conc: 22.07 ug/ml



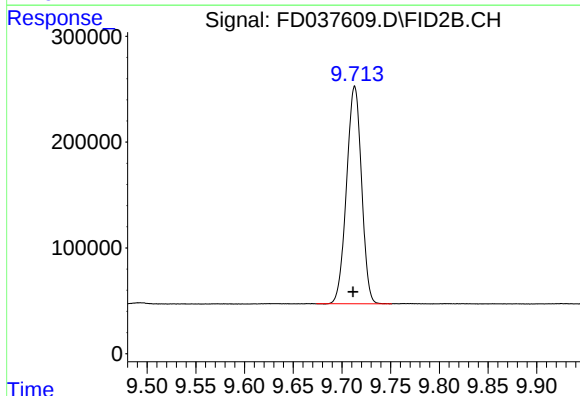
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.949 min
Delta R.T.: 0.002 min
Response: 2525023
Conc: 21.81 ug/ml



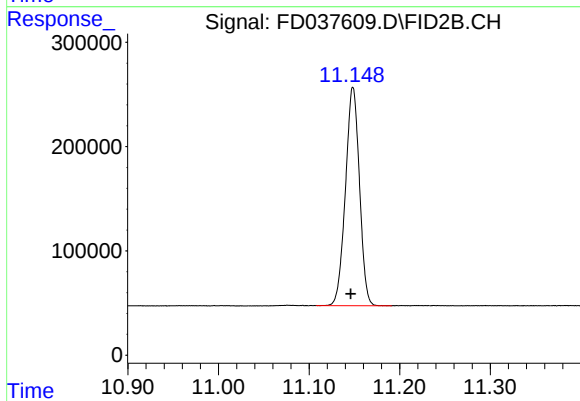
#6 n-Tetradecane (C14)

R.T.: 8.120 min
Delta R.T.: 0.000 min
Response: 2265599
Conc: 21.74 ug/ml



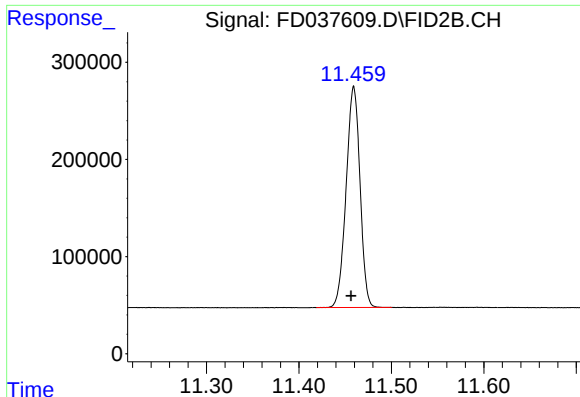
#7 n-Hexadecane (C16)

R.T.: 9.713 min
Delta R.T.: 0.002 min
Response: 2199974
Conc: 21.32 ug/ml



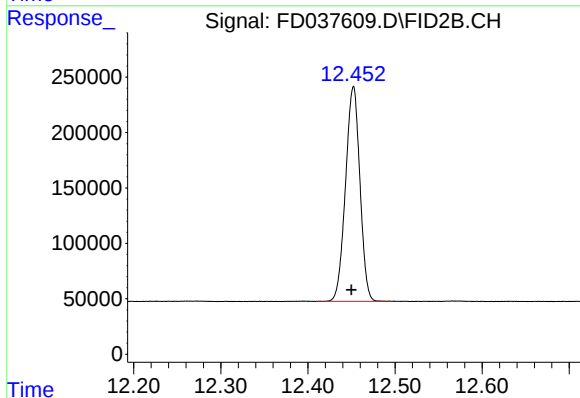
#8 n-Octadecane (C18)

R.T.: 11.148 min
Delta R.T.: 0.002 min
Response: 2249791
Conc: 20.82 ug/ml



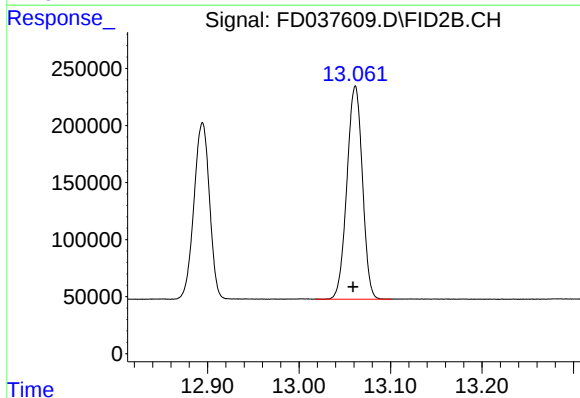
#9 ortho-Terphenyl (SURR)

R.T.: 11.459 min
Delta R.T.: 0.003 min
Response: 2372673
Conc: 20.23 ug/ml



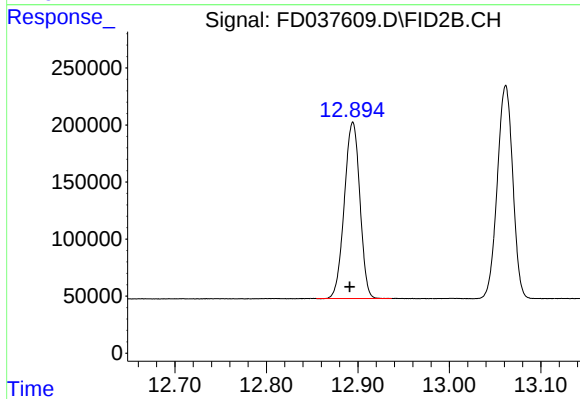
#10 n-Eicosane (C20)

R.T.: 12.453 min
Delta R.T.: 0.003 min
Response: 2225576
Conc: 20.42 ug/ml



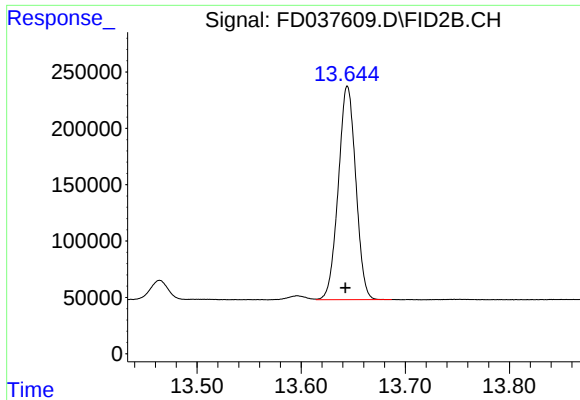
#11 n-Heneicosane (C21)

R.T.: 13.062 min
Delta R.T.: 0.003 min
Response: 2197057
Conc: 20.18 ug/ml



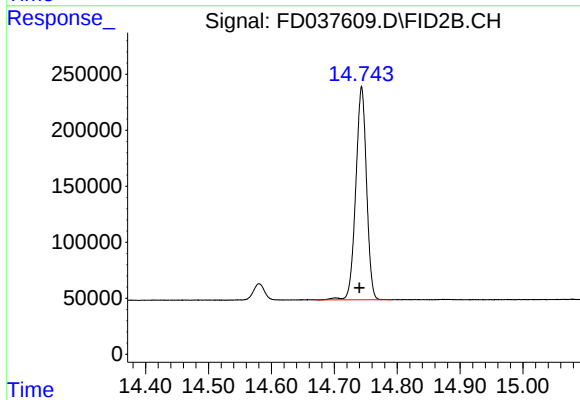
#12 1-chlorooctadecane (SURR)

R.T.: 12.895 min
Delta R.T.: 0.003 min
Response: 1820980
Conc: 20.04 ug/ml



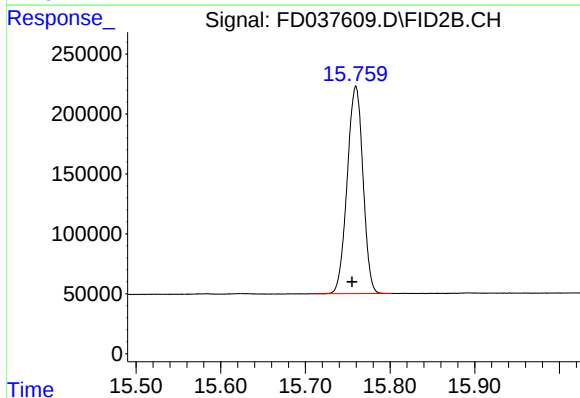
#13 n-Docosane (C22)

R.T.: 13.644 min
Delta R.T.: 0.002 min
Response: 2210242
Conc: 20.35 ug/ml



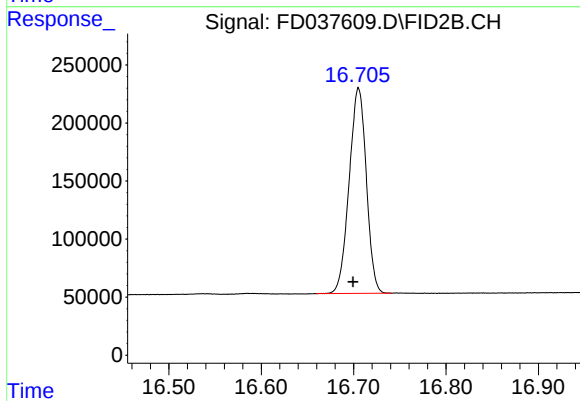
#14 n-Tetracosane (C24)

R.T.: 14.743 min
Delta R.T.: 0.004 min
Response: 2262810
Conc: 20.88 ug/ml



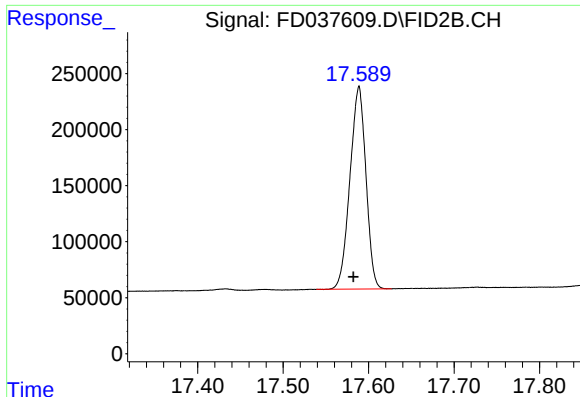
#15 n-Hexacosane (C26)

R.T.: 15.760 min
Delta R.T.: 0.004 min
Response: 2242601
Conc: 21.05 ug/ml



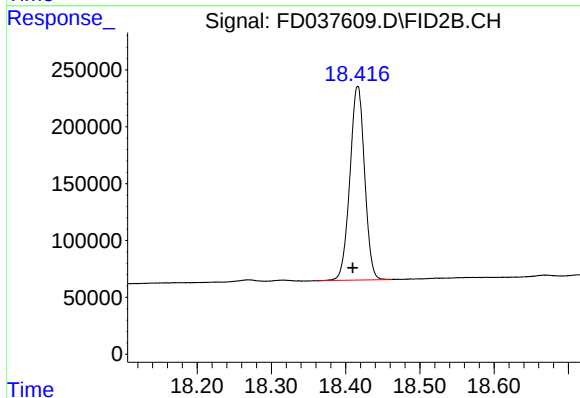
#16 n-Octacosane (C28)

R.T.: 16.705 min
Delta R.T.: 0.006 min
Response: 2283190
Conc: 21.55 ug/ml



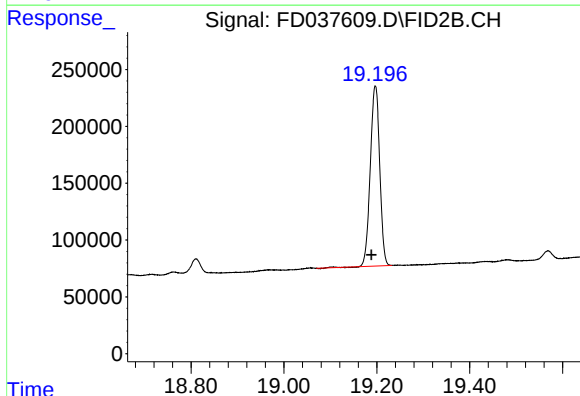
#17 n-Tricontane (C30)

R.T.: 17.589 min
Delta R.T.: 0.006 min
Response: 2349005
Conc: 22.31 ug/ml



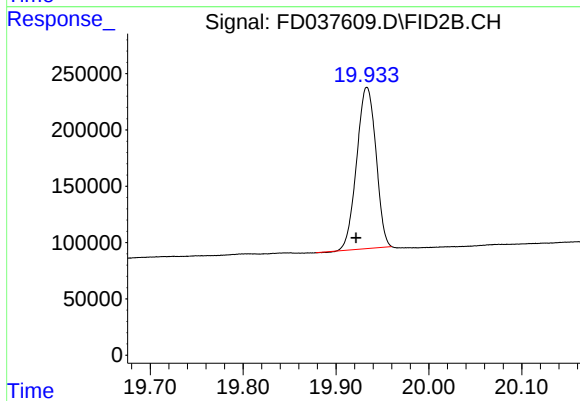
#18 n-Dotriacontane (C32)

R.T.: 18.416 min
Delta R.T.: 0.007 min
Response: 2347962
Conc: 22.54 ug/ml



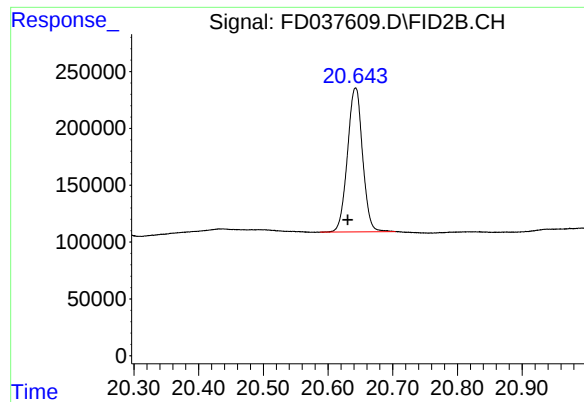
#19 n-Tetratriacontane (C34)

R.T.: 19.197 min
Delta R.T.: 0.009 min
Response: 2232141
Conc: 21.96 ug/ml



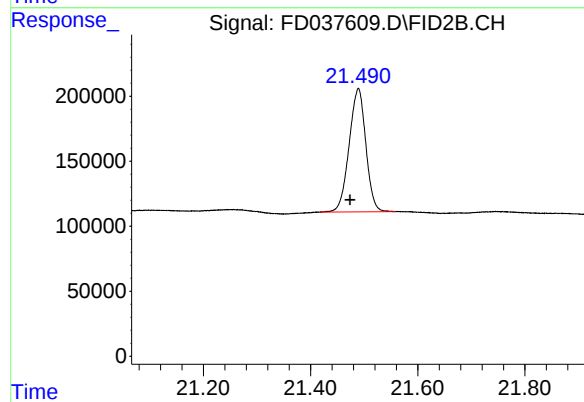
#20 n-Hexatriacontane (C36)

R.T.: 19.933 min
Delta R.T.: 0.012 min
Response: 2062535
Conc: 21.15 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.643 min
Delta R.T.: 0.012 min
Response: 2054411
Conc: 22.35 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.489 min
Delta R.T.: 0.016 min
Response: 2051560
Conc: 21.31 ug/ml