

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD082319AL\
 Data File : FD030259.D
 Signal(s) : FID2B.CH
 Acq On : 24 Aug 2019 4:20
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 24 11:30:28 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 080819.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 08 17:24:17 2019
 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)	11.549	2866493	20.854 ug/ml
Spiked Amount 50.000		Recovery =	41.71%
12) S 1-chlorooctadecane (S...	12.975	2317150	20.316 ug/ml
Spiked Amount 50.000		Recovery =	40.63%
Target Compounds			
1) T n-Nonane (C9)	3.351	2782764	23.253 ug/ml
2) T n-Decane (C10)	4.412	2887978	23.747 ug/ml
3) T A~Naphthalene (C11.7)	5.990	3207028	23.295 ug/ml
4) T n-Dodecane (C12)	6.420	2885841	23.666 ug/ml
5) T A~2-methylnaphthalene...	7.042	3211656	23.222 ug/ml
6) T n-Tetradecane (C14)	8.206	2893848	23.461 ug/ml
7) T n-Hexadecane (C16)	9.799	2872974	23.009 ug/ml
8) T n-Octadecane (C18)	11.232	2809991	21.979 ug/ml
10) T n-Eicosane (C20)	12.533	2744623	21.140 ug/ml
11) T n-Heneicosane (C21)	13.140	2672971	20.582 ug/ml
13) T n-Docosane (C22)	13.723	2640691	20.224 ug/ml
14) T n-Tetracosane (C24)	14.818	2635756	20.082 ug/ml
15) T n-Hexacosane (C26)	15.831	2608452	20.224 ug/ml
16) T n-Octacosane (C28)	16.774	2663246	20.990 ug/ml
17) T n-Tricontane (C30)	17.654	2660280	21.952 ug/ml
18) T n-Dotriacontane (C32)	18.479	2488556	22.193 ug/ml
19) T n-Tetratriacontane (C34)	19.255	2063859	23.277 ug/ml
20) T n-Hexatriacontane (C36)	19.988	1799511	24.213 ug/ml
21) T n-Octatriacontane (C38)	20.702	1684155	25.302 ug/ml
22) T n-Tetracontane (C40)	21.568	1626320	23.024 ug/ml

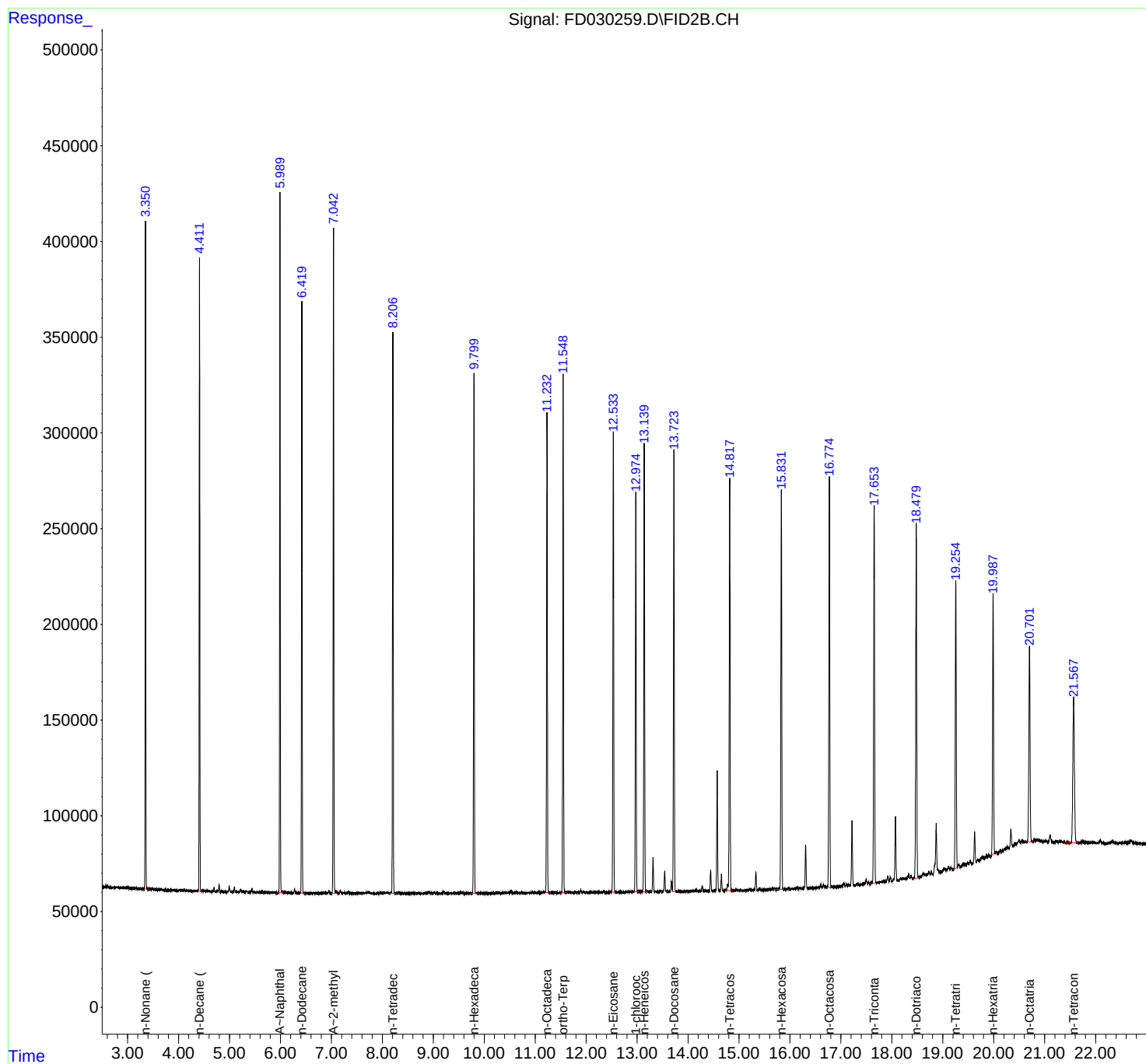
(f)=RT Delta > 1/2 Window

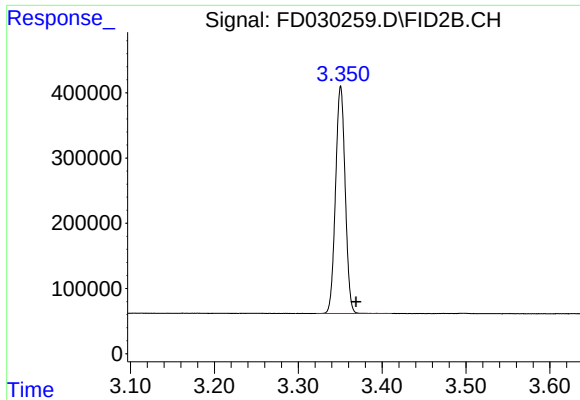
(m)=manual int.

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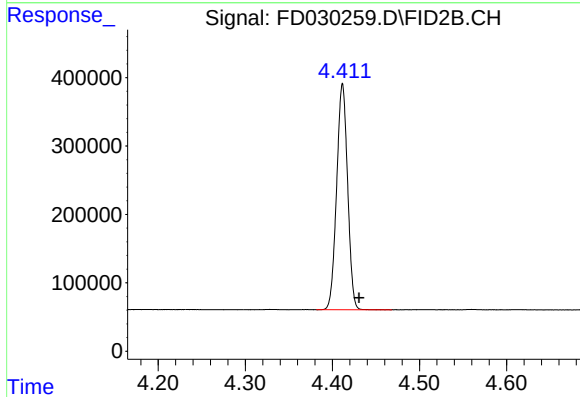
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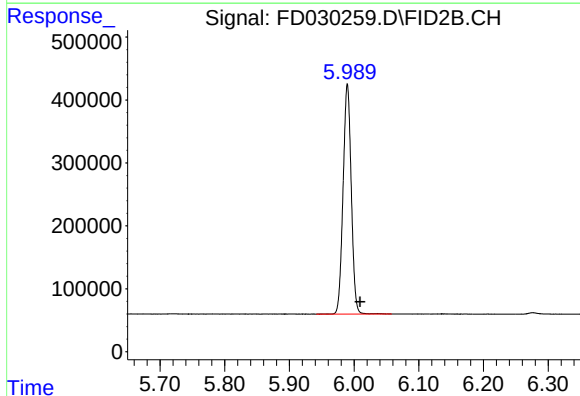
#1 n-Nonane (C9)

R.T.: 3.351 min
Delta R.T.: -0.018 min
Response: 2782764
Conc: 23.25 ug/ml



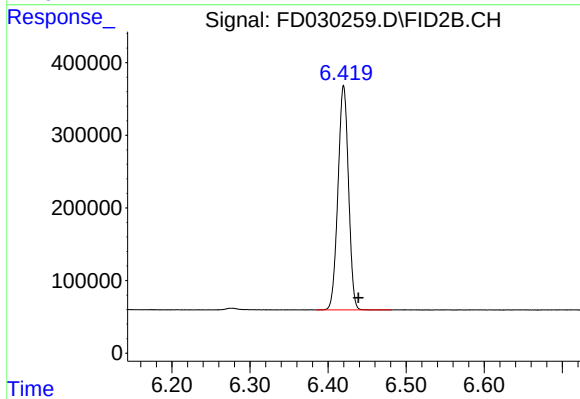
#2 n-Decane (C10)

R.T.: 4.412 min
Delta R.T.: -0.019 min
Response: 2887978
Conc: 23.75 ug/ml



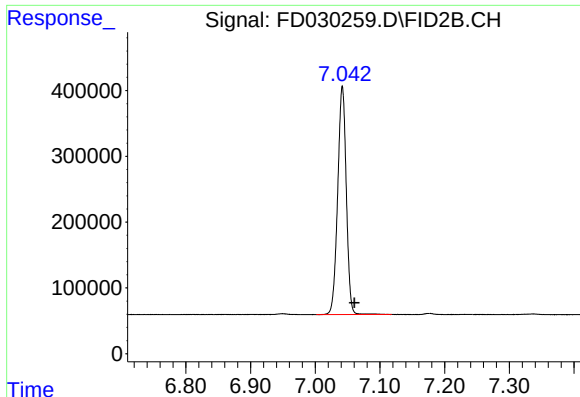
#3 A~Naphthalene (C11.7)

R.T.: 5.990 min
Delta R.T.: -0.020 min
Response: 3207028
Conc: 23.29 ug/ml



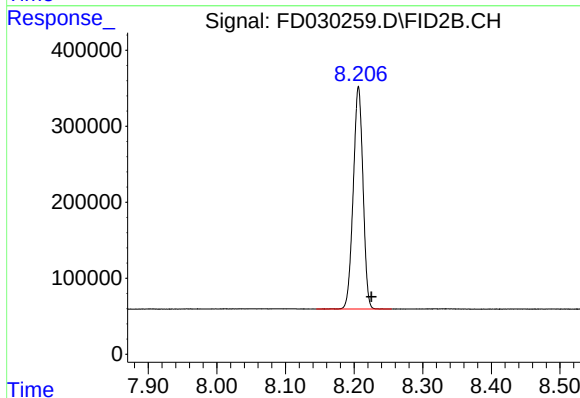
#4 n-Dodecane (C12)

R.T.: 6.420 min
Delta R.T.: -0.019 min
Response: 2885841
Conc: 23.67 ug/ml



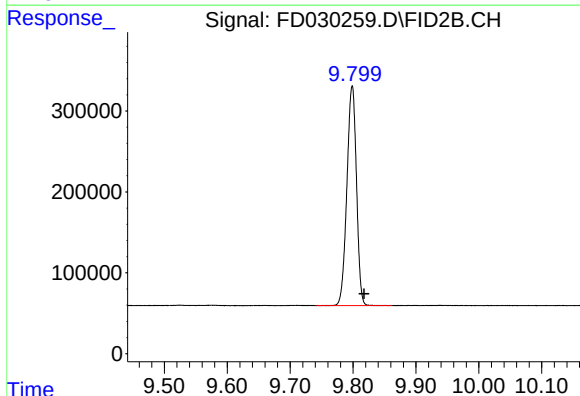
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.042 min
Delta R.T.: -0.019 min
Response: 3211656
Conc: 23.22 ug/ml



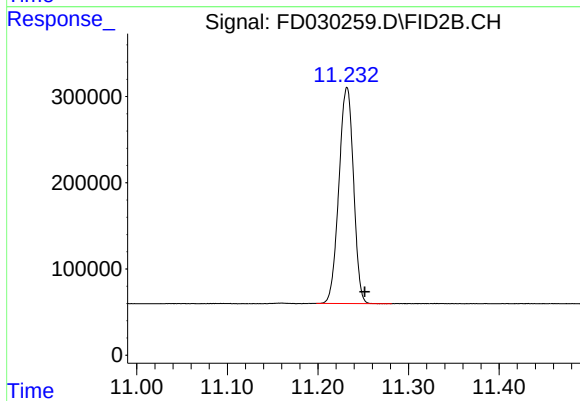
#6 n-Tetradecane (C14)

R.T.: 8.206 min
Delta R.T.: -0.019 min
Response: 2893848
Conc: 23.46 ug/ml



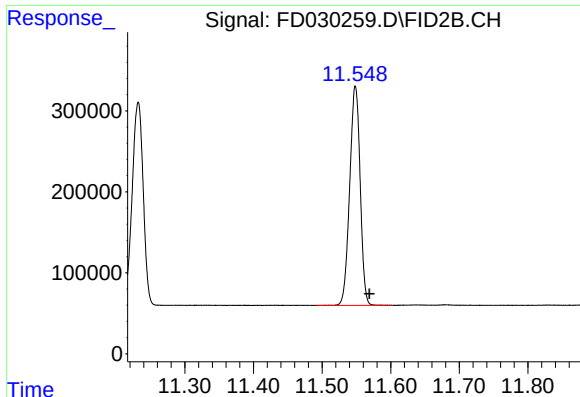
#7 n-Hexadecane (C16)

R.T.: 9.799 min
Delta R.T.: -0.019 min
Response: 2872974
Conc: 23.01 ug/ml



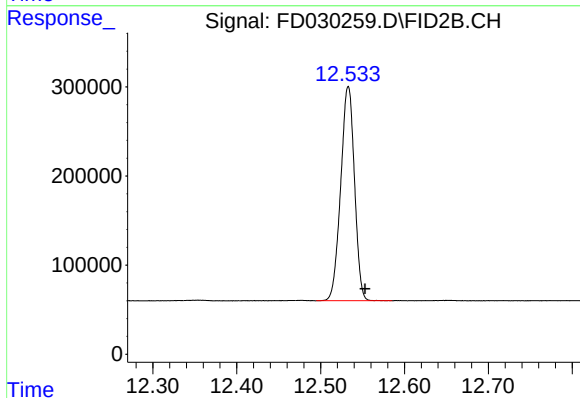
#8 n-Octadecane (C18)

R.T.: 11.232 min
Delta R.T.: -0.020 min
Response: 2809991
Conc: 21.98 ug/ml



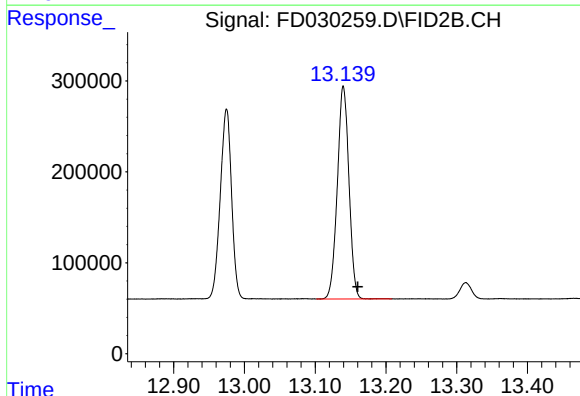
#9 ortho-Terphenyl (SURR)

R.T.: 11.549 min
Delta R.T.: -0.021 min
Response: 2866493
Conc: 20.85 ug/ml



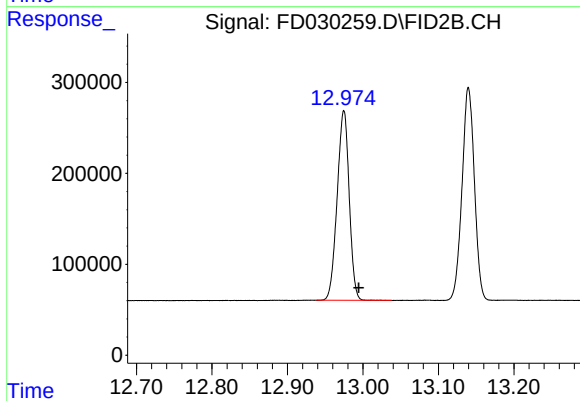
#10 n-Eicosane (C20)

R.T.: 12.533 min
Delta R.T.: -0.020 min
Response: 2744623
Conc: 21.14 ug/ml



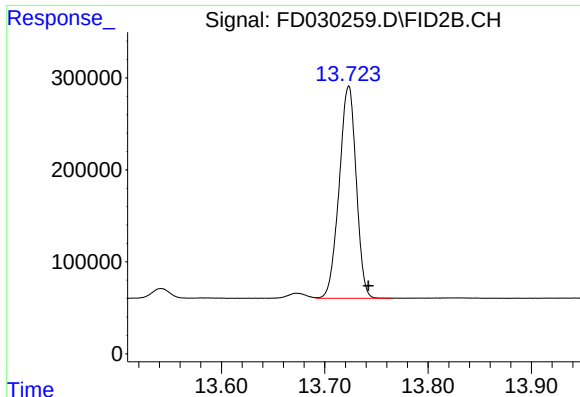
#11 n-Heneicosane (C21)

R.T.: 13.140 min
Delta R.T.: -0.020 min
Response: 2672971
Conc: 20.58 ug/ml



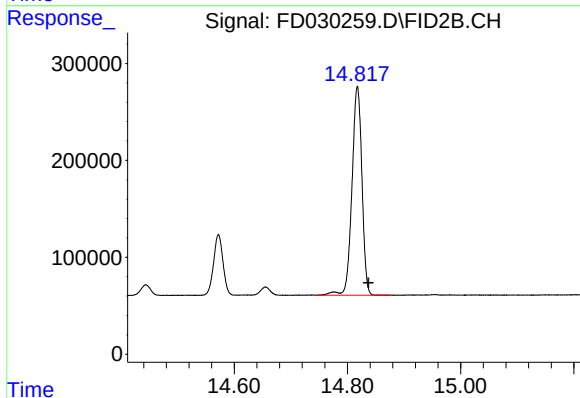
#12 1-chlorooctadecane (SURR)

R.T.: 12.975 min
Delta R.T.: -0.020 min
Response: 2317150
Conc: 20.32 ug/ml



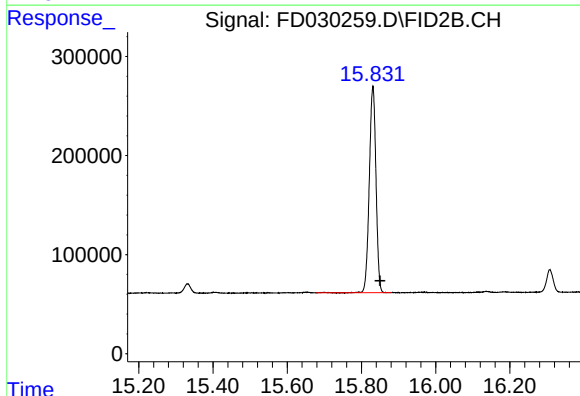
#13 n-Docosane (C22)

R.T.: 13.723 min
Delta R.T.: -0.019 min
Response: 2640691
Conc: 20.22 ug/ml



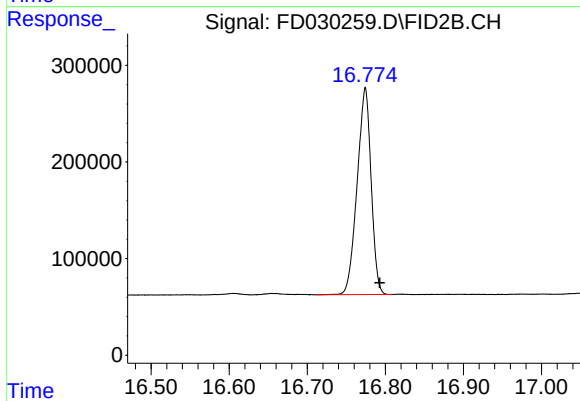
#14 n-Tetracosane (C24)

R.T.: 14.818 min
Delta R.T.: -0.020 min
Response: 2635756
Conc: 20.08 ug/ml



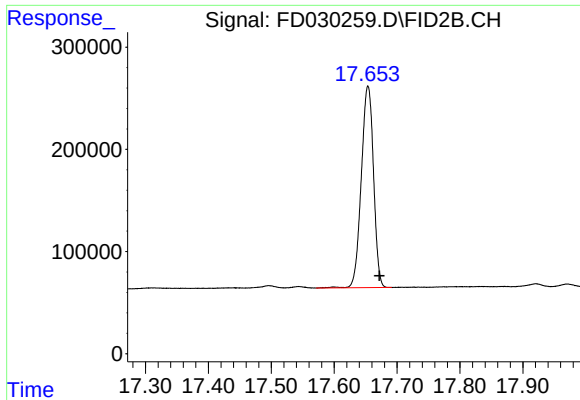
#15 n-Hexacosane (C26)

R.T.: 15.831 min
Delta R.T.: -0.019 min
Response: 2608452
Conc: 20.22 ug/ml



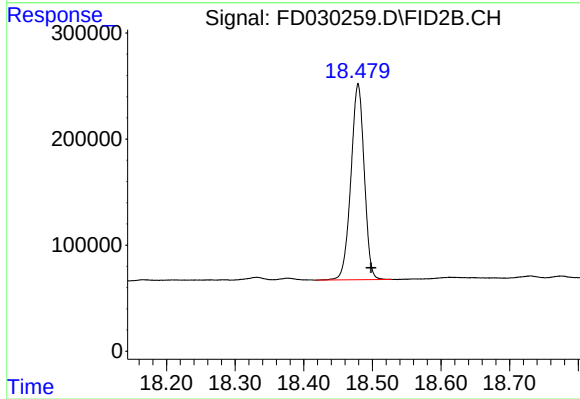
#16 n-Octacosane (C28)

R.T.: 16.774 min
Delta R.T.: -0.019 min
Response: 2663246
Conc: 20.99 ug/ml



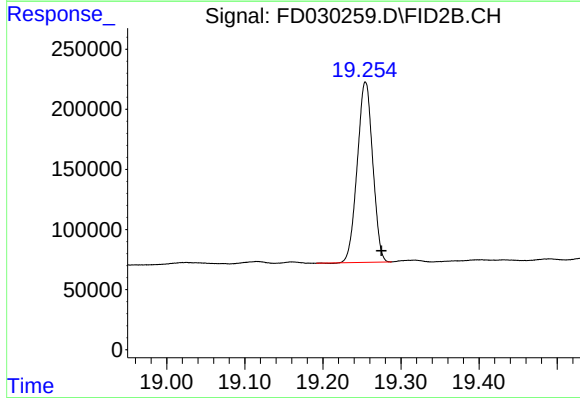
#17 n-Tricontane (C30)

R.T.: 17.654 min
Delta R.T.: -0.018 min
Response: 2660280
Conc: 21.95 ug/ml



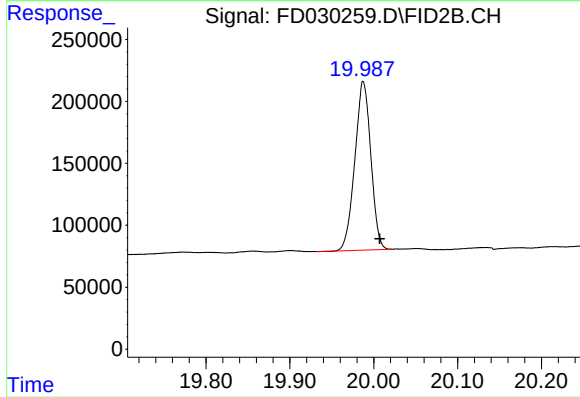
#18 n-Dotriacontane (C32)

R.T.: 18.479 min
Delta R.T.: -0.019 min
Response: 2488556
Conc: 22.19 ug/ml



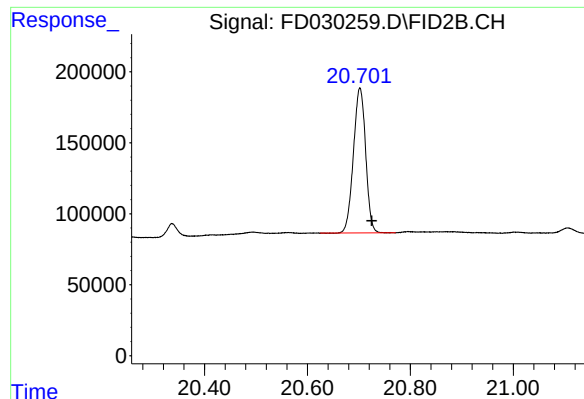
#19 n-Tetratriacontane (C34)

R.T.: 19.255 min
Delta R.T.: -0.020 min
Response: 2063859
Conc: 23.28 ug/ml



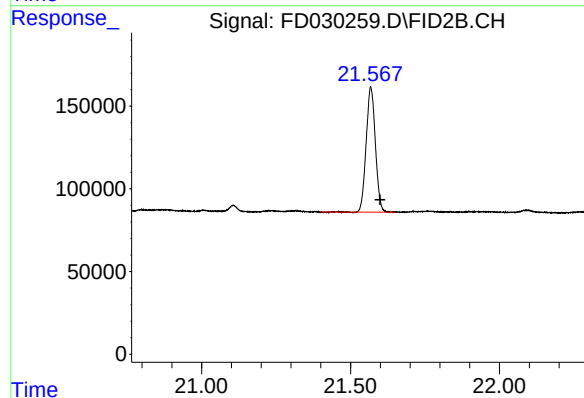
#20 n-Hexatriacontane (C36)

R.T.: 19.988 min
Delta R.T.: -0.019 min
Response: 1799511
Conc: 24.21 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.702 min
Delta R.T.: -0.023 min
Response: 1684155
Conc: 25.30 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.568 min
Delta R.T.: -0.031 min
Response: 1626320
Conc: 23.02 ug/ml