

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD011321AL\
 Data File : FD036015.D
 Signal(s) : FID2B.CH
 Acq On : 13 Jan 2021 15:46
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Jan 14 09:03:47 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 011121.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 12 02:11:59 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)	11.522	3009972	20.305 ug/ml
Spiked Amount 50.000		Recovery =	40.61%
12) S 1-chlorooctadecane (S...	12.955	2352387	19.999 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T n-Nonane (C9)	3.310	2658235	20.620 ug/ml
2) T n-Decane (C10)	4.375	2700357	20.752 ug/ml
3) T A~Naphthalene (C11.7)	5.952	3030411	20.692 ug/ml
4) T n-Dodecane (C12)	6.387	2772137	20.846 ug/ml
5) T A~2-methylnaphthalene...	7.005	3104848	20.672 ug/ml
6) T n-Tetradecane (C14)	8.176	2789377	20.874 ug/ml
7) T n-Hexadecane (C16)	9.771	2737013	20.680 ug/ml
8) T n-Octadecane (C18)	11.209	2818999	20.488 ug/ml
10) T n-Eicosane (C20)	12.512	2791495	20.203 ug/ml
11) T n-Heneicosane (C21)	13.122	2765247	20.011 ug/ml
13) T n-Docosane (C22)	13.706	2747641	20.013 ug/ml
14) T n-Tetracosane (C24)	14.804	2717988	19.994 ug/ml
15) T n-Hexacosane (C26)	15.819	2614049	19.691 ug/ml
16) T n-Octacosane (C28)	16.764	2525567	19.520 ug/ml
17) T n-Tricontane (C30)	17.647	2395764	19.431 ug/ml
18) T n-Dotriacontane (C32)	18.475	2163097	19.626 ug/ml
19) T n-Tetratriacontane (C34)	19.254	1948981	19.660 ug/ml
20) T n-Hexatriacontane (C36)	19.988	1795239	19.960 ug/ml
21) T n-Octatriacontane (C38)	20.703	1724485	20.756 ug/ml
22) T n-Tetracontane (C40)	21.569	1861263	22.130 ug/ml

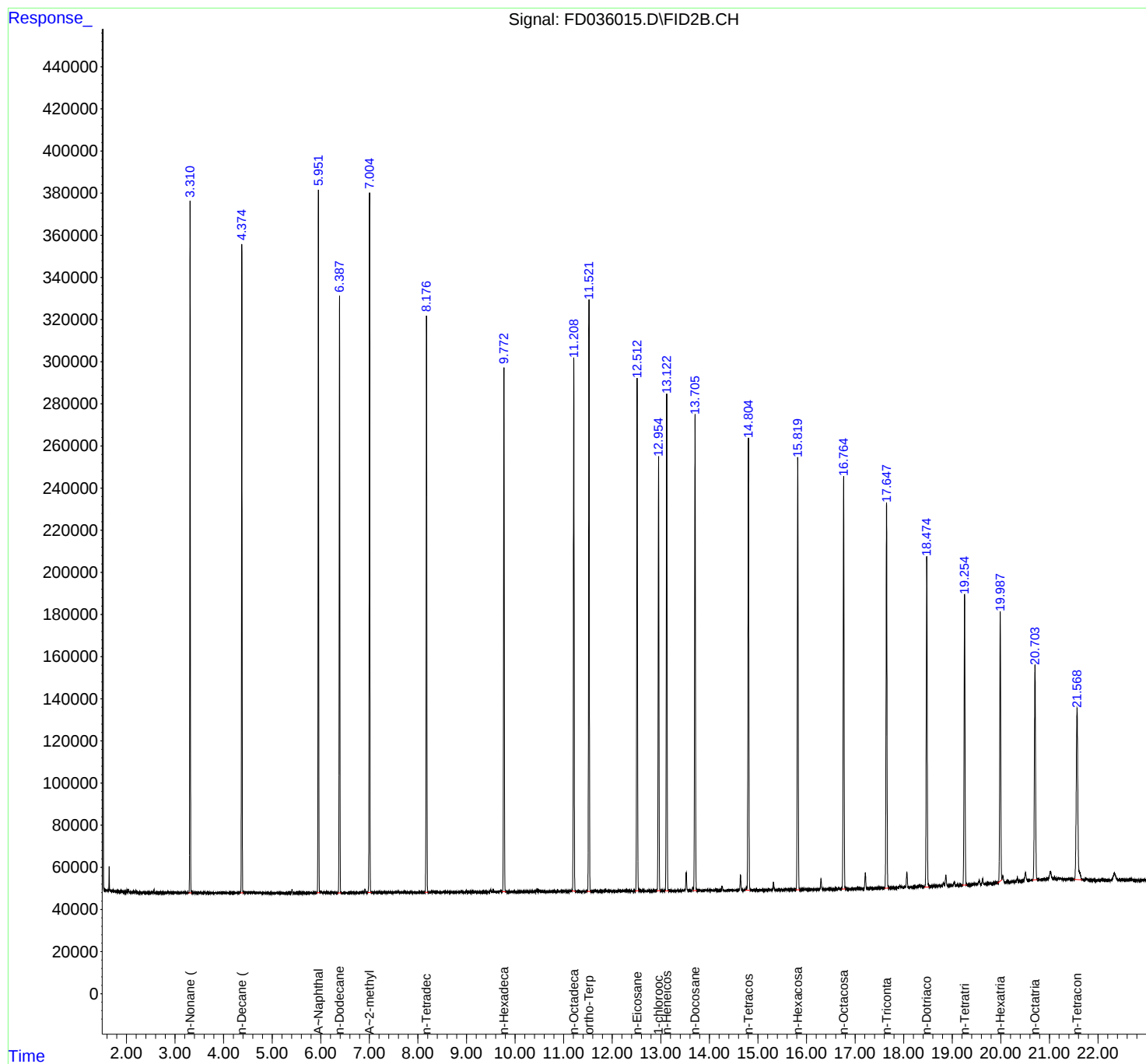
(f)=RT Delta > 1/2 Window

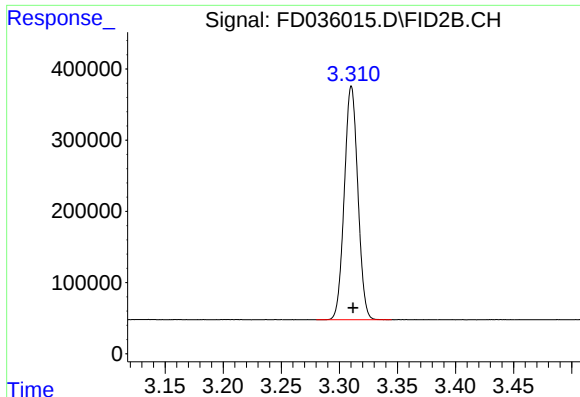
(m)=manual int.

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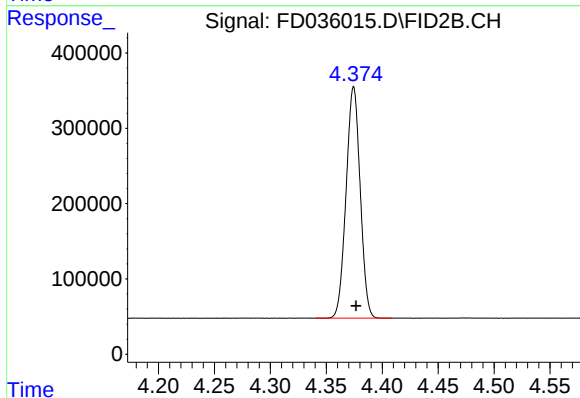
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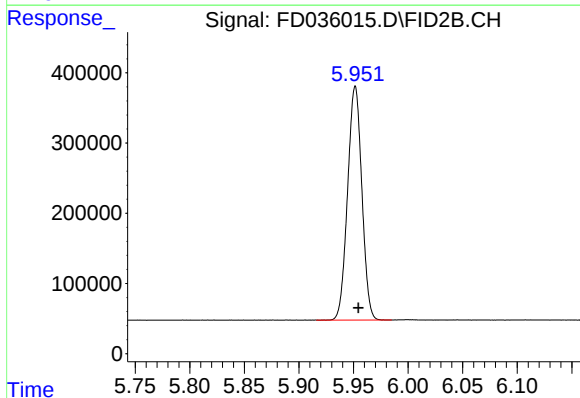
#1 n-Nonane (C9)

R.T.: 3.310 min
Delta R.T.: -0.002 min
Response: 2658235
Conc: 20.62 ug/ml



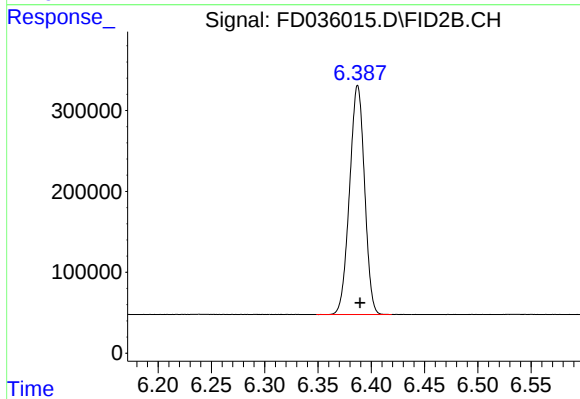
#2 n-Decane (C10)

R.T.: 4.375 min
Delta R.T.: -0.002 min
Response: 2700357
Conc: 20.75 ug/ml



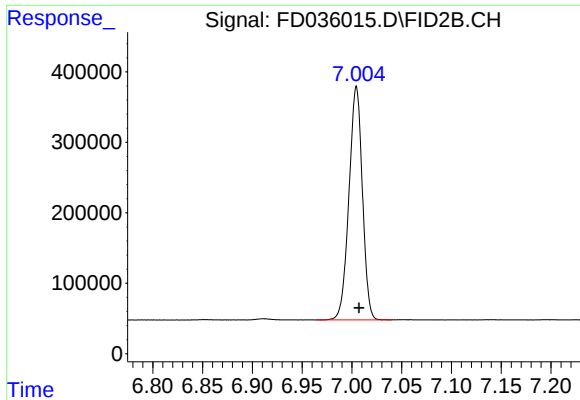
#3 A~Naphthalene (C11.7)

R.T.: 5.952 min
Delta R.T.: -0.003 min
Response: 3030411
Conc: 20.69 ug/ml



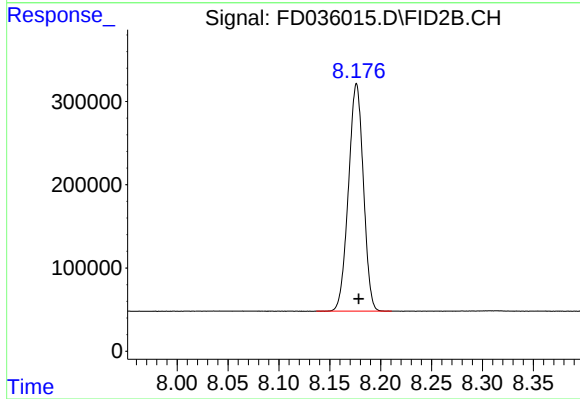
#4 n-Dodecane (C12)

R.T.: 6.387 min
Delta R.T.: -0.002 min
Response: 2772137
Conc: 20.85 ug/ml



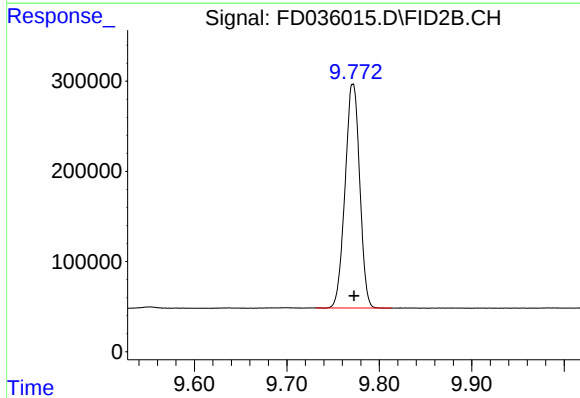
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.005 min
Delta R.T.: -0.003 min
Response: 3104848
Conc: 20.67 ug/ml



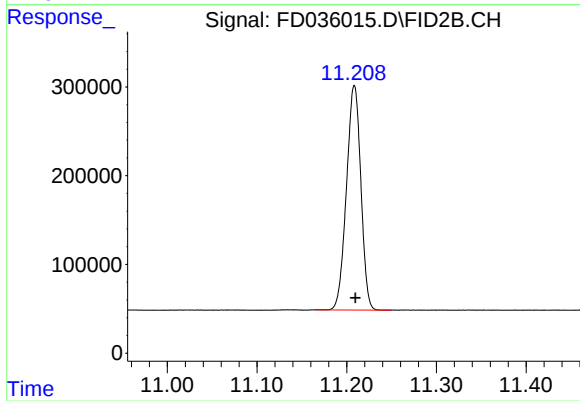
#6 n-Tetradecane (C14)

R.T.: 8.176 min
Delta R.T.: -0.002 min
Response: 2789377
Conc: 20.87 ug/ml



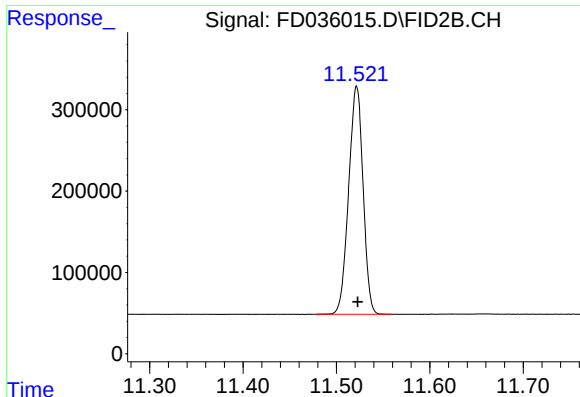
#7 n-Hexadecane (C16)

R.T.: 9.771 min
Delta R.T.: -0.001 min
Response: 2737013
Conc: 20.68 ug/ml



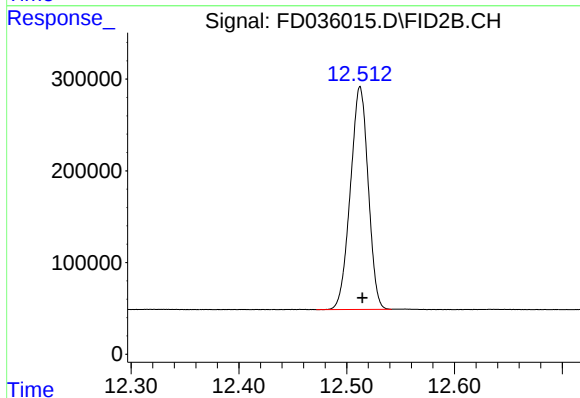
#8 n-Octadecane (C18)

R.T.: 11.209 min
Delta R.T.: -0.001 min
Response: 2818999
Conc: 20.49 ug/ml



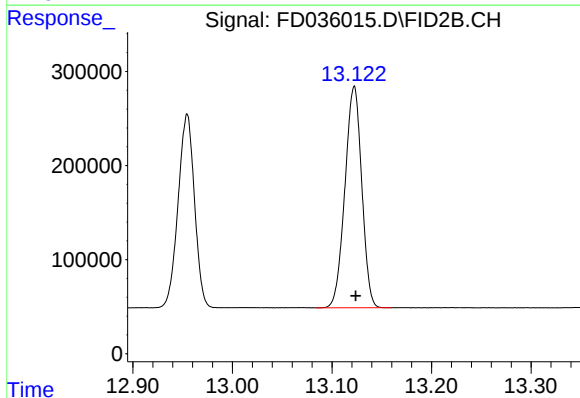
#9 ortho-Terphenyl (SURR)

R.T.: 11.522 min
Delta R.T.: -0.001 min
Response: 3009972
Conc: 20.31 ug/ml



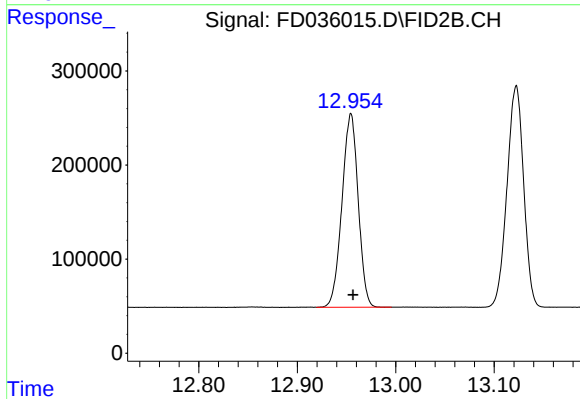
#10 n-Eicosane (C20)

R.T.: 12.512 min
Delta R.T.: -0.002 min
Response: 2791495
Conc: 20.20 ug/ml



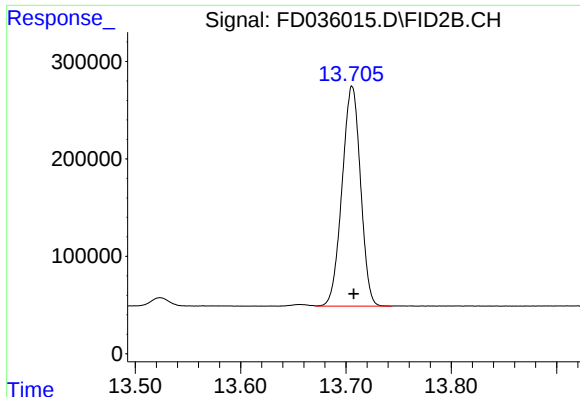
#11 n-Heneicosane (C21)

R.T.: 13.122 min
Delta R.T.: -0.001 min
Response: 2765247
Conc: 20.01 ug/ml



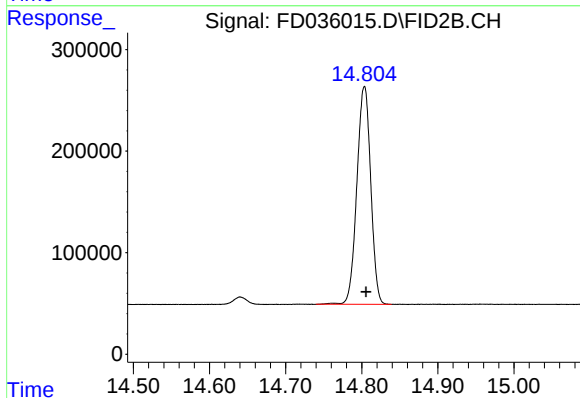
#12 1-chlorooctadecane (SURR)

R.T.: 12.955 min
Delta R.T.: -0.002 min
Response: 2352387
Conc: 20.00 ug/ml



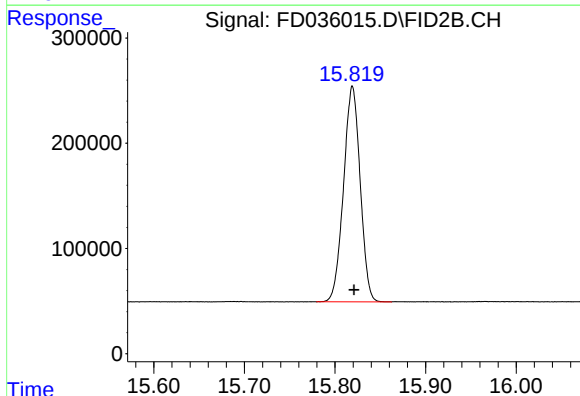
#13 n-Docosane (C22)

R.T.: 13.706 min
Delta R.T.: -0.001 min
Response: 2747641
Conc: 20.01 ug/ml



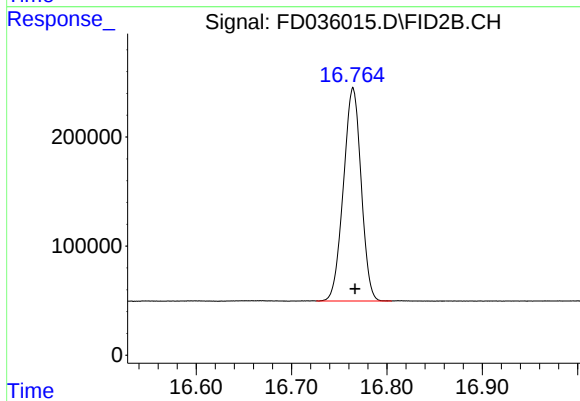
#14 n-Tetracosane (C24)

R.T.: 14.804 min
Delta R.T.: -0.002 min
Response: 2717988
Conc: 19.99 ug/ml



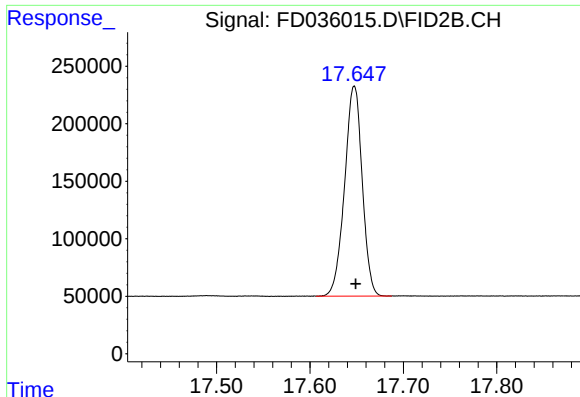
#15 n-Hexacosane (C26)

R.T.: 15.819 min
Delta R.T.: -0.002 min
Response: 2614049
Conc: 19.69 ug/ml



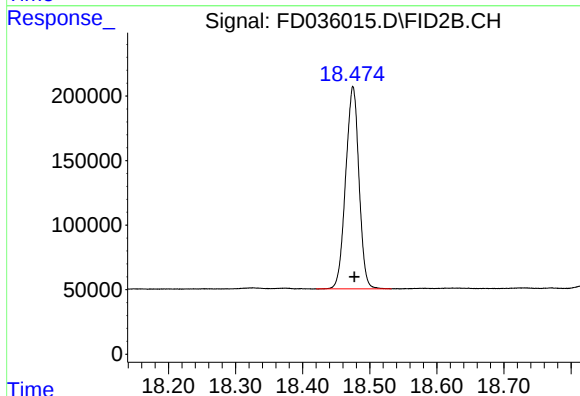
#16 n-Octacosane (C28)

R.T.: 16.764 min
Delta R.T.: -0.002 min
Response: 2525567
Conc: 19.52 ug/ml



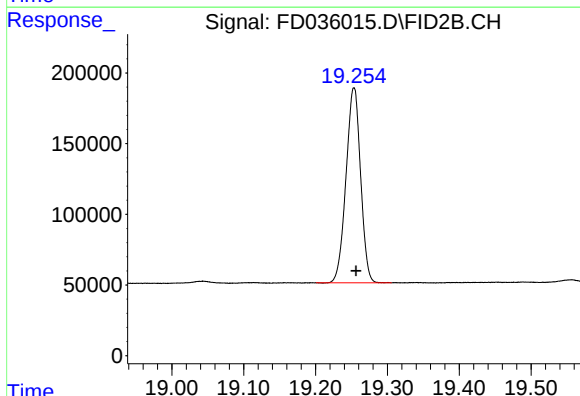
#17 n-Tricontane (C30)

R.T.: 17.647 min
Delta R.T.: -0.001 min
Response: 2395764
Conc: 19.43 ug/ml



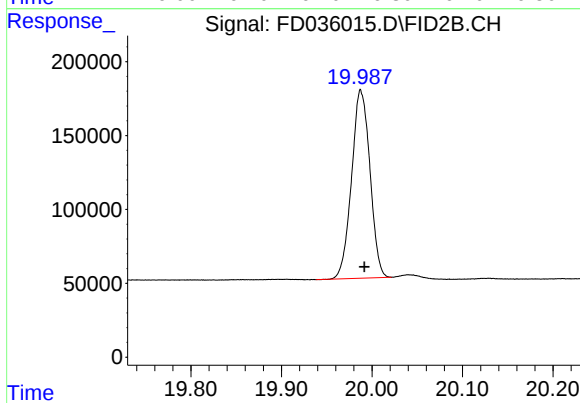
#18 n-Dotriacontane (C32)

R.T.: 18.475 min
Delta R.T.: -0.002 min
Response: 2163097
Conc: 19.63 ug/ml



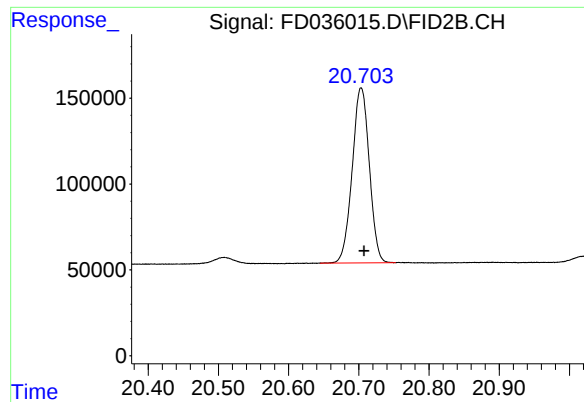
#19 n-Tetratriacontane (C34)

R.T.: 19.254 min
Delta R.T.: -0.003 min
Response: 1948981
Conc: 19.66 ug/ml



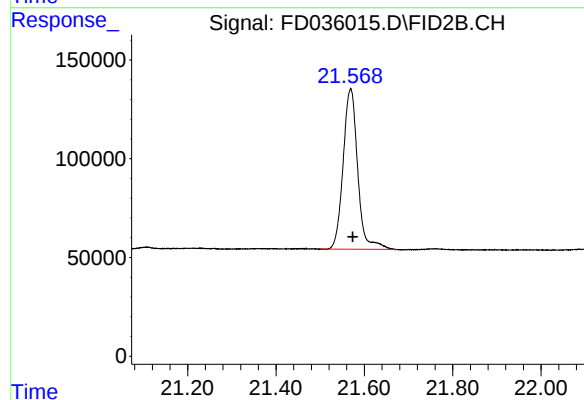
#20 n-Hexatriacontane (C36)

R.T.: 19.988 min
Delta R.T.: -0.004 min
Response: 1795239
Conc: 19.96 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.703 min
Delta R.T.: -0.004 min
Response: 1724485
Conc: 20.76 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.569 min
Delta R.T.: -0.004 min
Response: 1861263
Conc: 22.13 ug/ml