

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC062922AL\
 Data File : FC060519.D
 Signal(s) : FID1A.ch
 Acq On : 29 Jun 2022 23:10
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jun 30 03:09:39 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 062422.M
 Quant Title : GC Extractables
 QLast Update : Sat Jun 25 04:15:44 2022
 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)	10.639	3950150	21.555 ug/ml
Spiked Amount 50.000		Recovery =	43.11%
12) S 1-chlorooctadecane (S...	12.003	3177879	21.560 ug/ml
Spiked Amount 50.000		Recovery =	43.12%
Target Compounds			
1) T n-Nonane (C9)	2.634	3280698	21.387 ug/ml
2) T n-Decane (C10)	3.628	3328865	21.797 ug/ml
3) T A~Naphthalene (C11.7)	5.167	3660742	21.896 ug/ml
4) T n-Dodecane (C12)	5.575	3535283	21.875 ug/ml
5) T A~2-methylnaphthalene...	6.192	3697579	21.752 ug/ml
6) T n-Tetradecane (C14)	7.324	3600848	21.797 ug/ml
7) T n-Hexadecane (C16)	8.884	3690873	21.839 ug/ml
8) T n-Octadecane (C18)	10.291	3741795	21.749 ug/ml
10) T n-Eicosane (C20)	11.568	3700399	21.682 ug/ml
11) T n-Heneicosane (C21)	12.164	3673354	21.545 ug/ml
13) T n-Docosane (C22)	12.737	3727043	21.864 ug/ml
14) T n-Tetracosane (C24)	13.813	3674245	21.884 ug/ml
15) T n-Hexacosane (C26)	14.809	3567514	21.710 ug/ml
16) T n-Octacosane (C28)	15.735	3483502	21.953 ug/ml
17) T n-Tricontane (C30)	16.600	3422766	22.485 ug/ml
18) T n-Dotriacontane (C32)	17.412	3182790	21.895 ug/ml
19) T n-Tetratriacontane (C34)	18.176	2843959	22.391 ug/ml
20) T n-Hexatriacontane (C36)	18.894	2582535	23.011 ug/mlm
21) T n-Octatriacontane (C38)	19.580	2482863	22.682 ug/mlm
22) T n-Tetracontane (C40)	20.224	2501116	22.146 ug/mlm

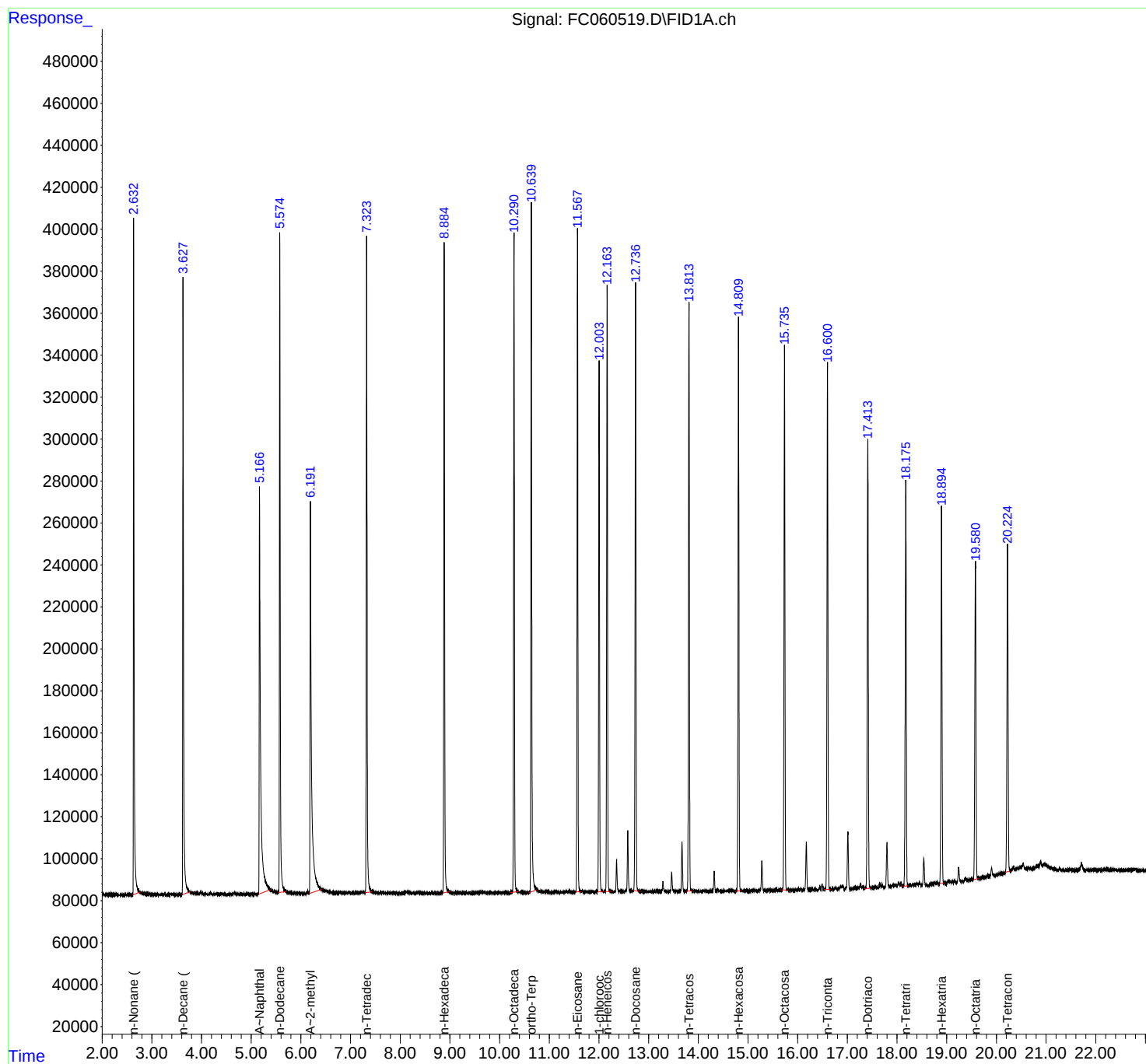
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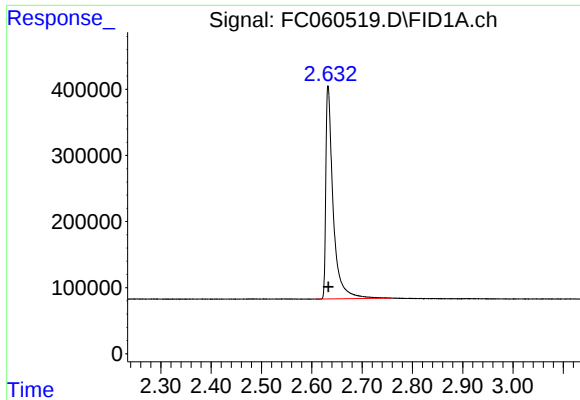
(m)=manual int.

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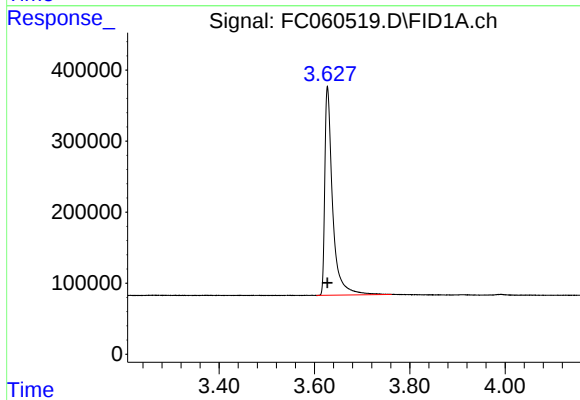
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





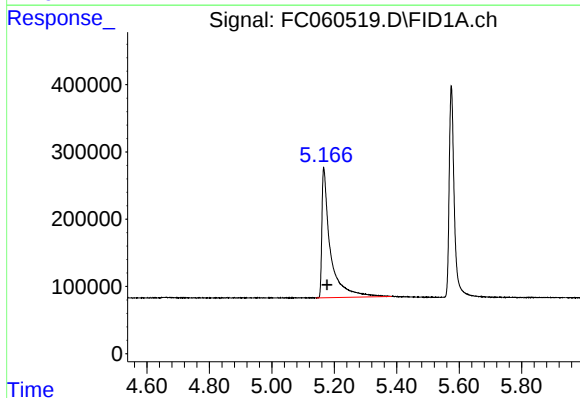
#1 n-Nonane (C9)

R.T.: 2.634 min
Delta R.T.: 0.000 min
Response: 3280698
Conc: 21.39 ug/ml



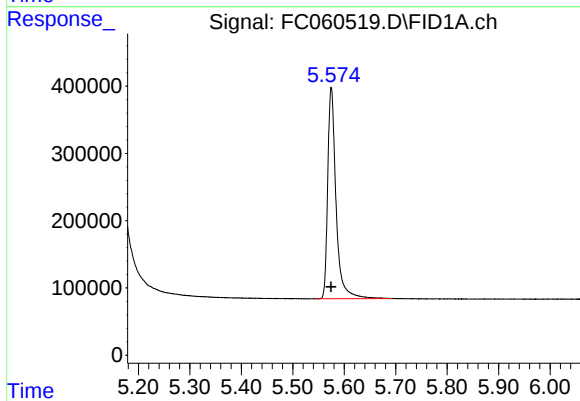
#2 n-Decane (C10)

R.T.: 3.628 min
Delta R.T.: 0.000 min
Response: 3328865
Conc: 21.80 ug/ml



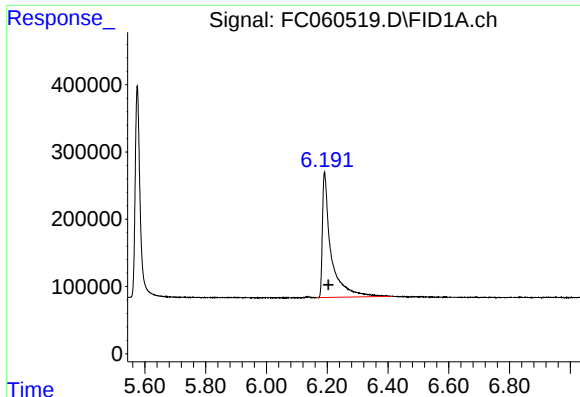
#3 A~Naphthalene (C11.7)

R.T.: 5.167 min
Delta R.T.: -0.010 min
Response: 3660742
Conc: 21.90 ug/ml



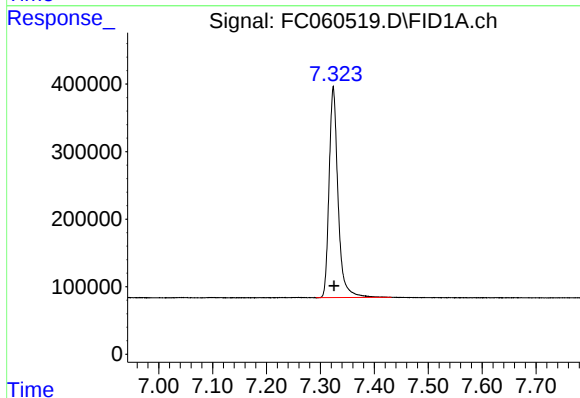
#4 n-Dodecane (C12)

R.T.: 5.575 min
Delta R.T.: 0.000 min
Response: 3535283
Conc: 21.87 ug/ml



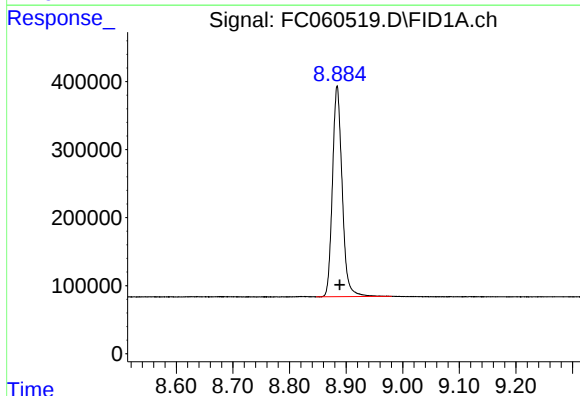
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.192 min
Delta R.T.: -0.012 min
Response: 3697579
Conc: 21.75 ug/ml



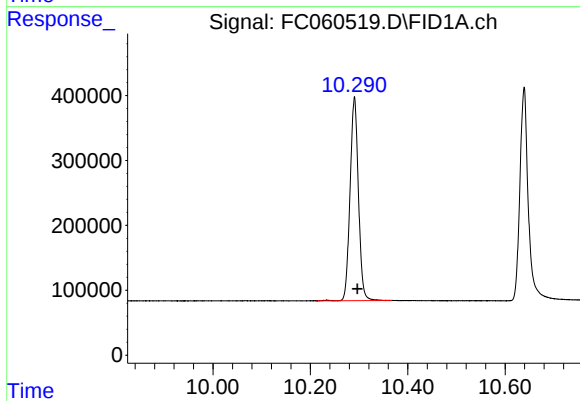
#6 n-Tetradecane (C14)

R.T.: 7.324 min
Delta R.T.: -0.002 min
Response: 3600848
Conc: 21.80 ug/ml



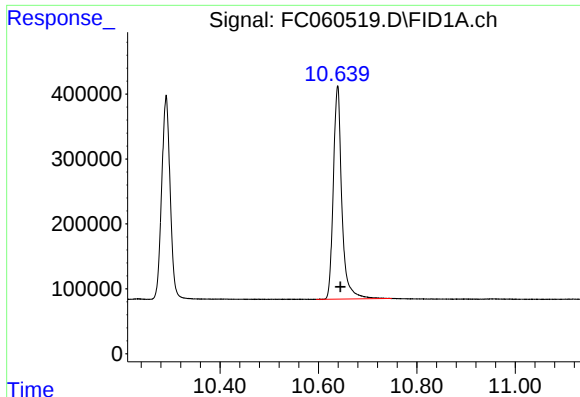
#7 n-Hexadecane (C16)

R.T.: 8.884 min
Delta R.T.: -0.005 min
Response: 3690873
Conc: 21.84 ug/ml



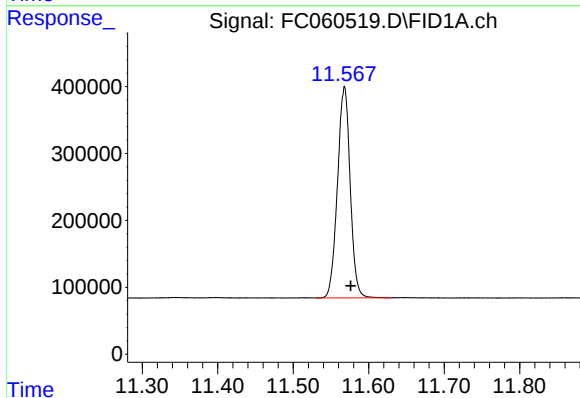
#8 n-Octadecane (C18)

R.T.: 10.291 min
Delta R.T.: -0.006 min
Response: 3741795
Conc: 21.75 ug/ml



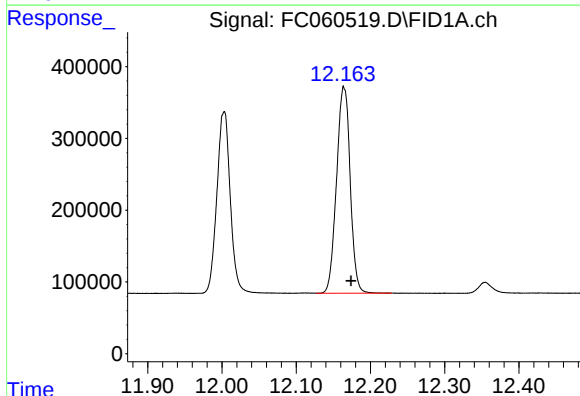
#9 ortho-Terphenyl (SURR)

R.T.: 10.639 min
Delta R.T.: -0.006 min
Response: 3950150
Conc: 21.56 ug/ml



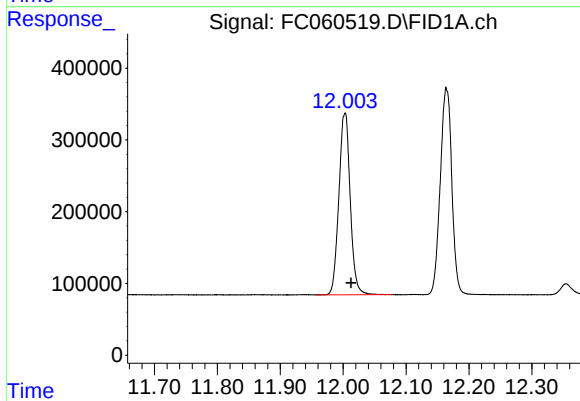
#10 n-Eicosane (C20)

R.T.: 11.568 min
Delta R.T.: -0.009 min
Response: 3700399
Conc: 21.68 ug/ml



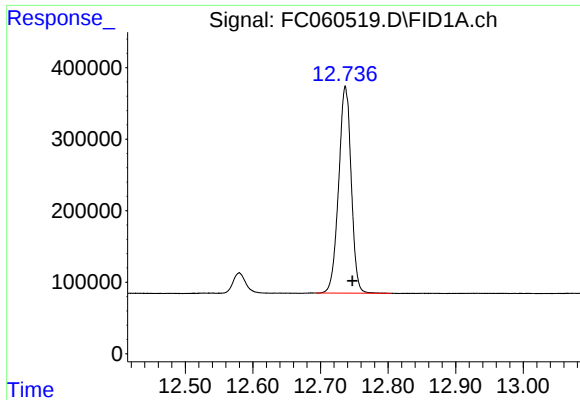
#11 n-Heneicosane (C21)

R.T.: 12.164 min
Delta R.T.: -0.010 min
Response: 3673354
Conc: 21.54 ug/ml



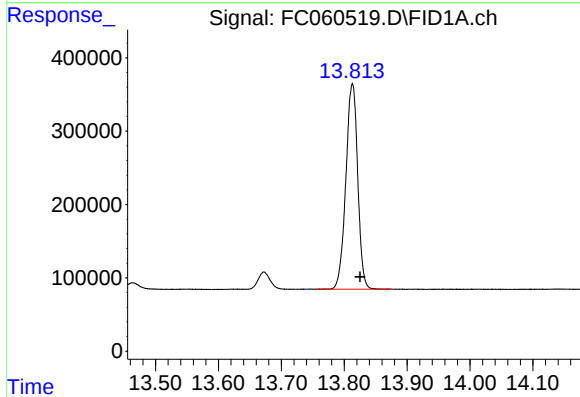
#12 1-chlorooctadecane (SURR)

R.T.: 12.003 min
Delta R.T.: -0.010 min
Response: 3177879
Conc: 21.56 ug/ml



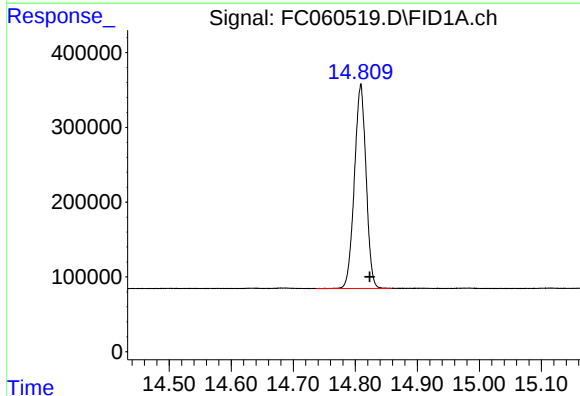
#13 n-Docosane (C22)

R.T.: 12.737 min
Delta R.T.: -0.010 min
Response: 3727043
Conc: 21.86 ug/ml



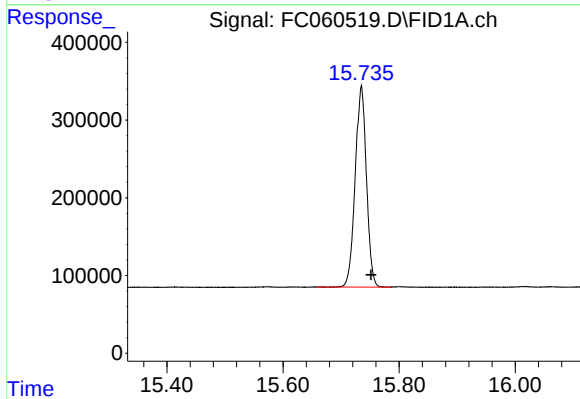
#14 n-Tetracosane (C24)

R.T.: 13.813 min
Delta R.T.: -0.012 min
Response: 3674245
Conc: 21.88 ug/ml



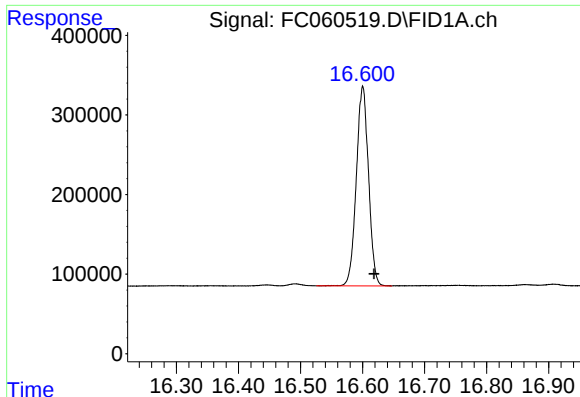
#15 n-Hexacosane (C26)

R.T.: 14.809 min
Delta R.T.: -0.015 min
Response: 3567514
Conc: 21.71 ug/ml



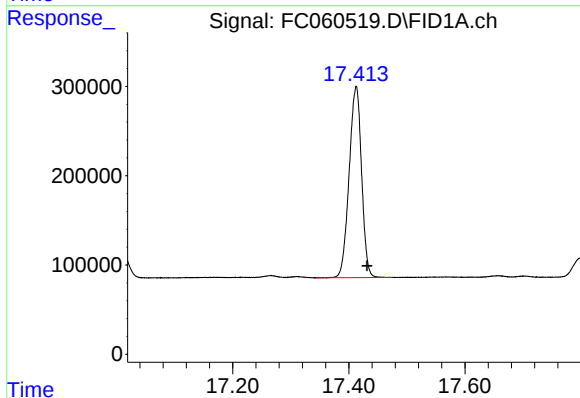
#16 n-Octacosane (C28)

R.T.: 15.735 min
Delta R.T.: -0.017 min
Response: 3483502
Conc: 21.95 ug/ml



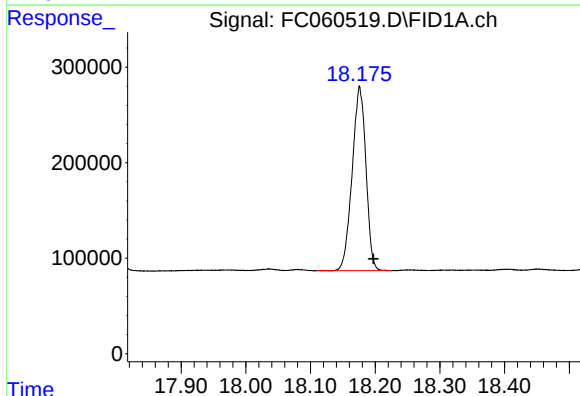
#17 n-Tricontane (C30)

R.T.: 16.600 min
Delta R.T.: -0.018 min
Response: 3422766
Conc: 22.49 ug/ml



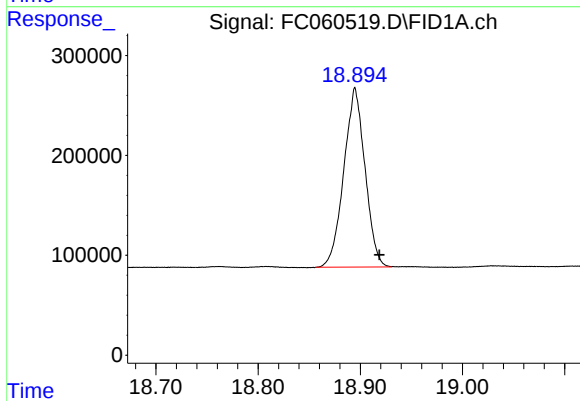
#18 n-Dotriacontane (C32)

R.T.: 17.412 min
Delta R.T.: -0.019 min
Response: 3182790
Conc: 21.90 ug/ml



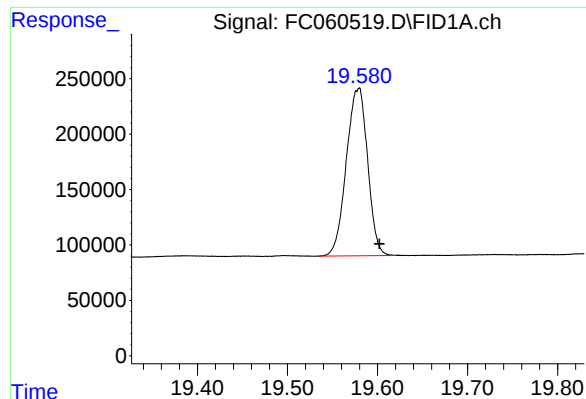
#19 n-Tetratriacontane (C34)

R.T.: 18.176 min
Delta R.T.: -0.021 min
Response: 2843959
Conc: 22.39 ug/ml



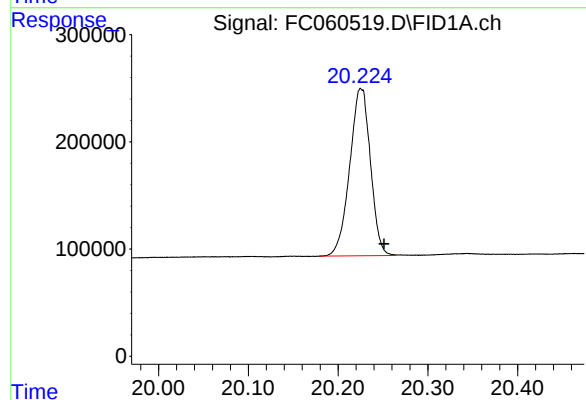
#20 n-Hexatriacontane (C36)

R.T.: 18.894 min
Delta R.T.: -0.024 min
Response: 2582535
Conc: 23.01 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 19.580 min
Delta R.T.: -0.022 min
Response: 2482863
Conc: 22.68 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 20.224 min
Delta R.T.: -0.027 min
Response: 2501116
Conc: 22.15 ug/ml m