

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC070122AL\
 Data File : FC060571.D
 Signal(s) : FID1A.ch
 Acq On : 02 Jul 2022 01:04
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Jul 02 04:54:21 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)	10.634	3368420	18.381 ug/ml
Spiked Amount 50.000		Recovery =	36.76%
12) S 1-chlorooctadecane (S...	12.000	2692556	18.268 ug/ml
Spiked Amount 50.000		Recovery =	36.54%
Target Compounds			
1) T n-Nonane (C9)	2.625	2886768	18.819 ug/ml
2) T n-Decane (C10)	3.620	2950891	19.322 ug/ml
3) T A~Naphthalene (C11.7)	5.158	3208710	19.192 ug/ml
4) T n-Dodecane (C12)	5.568	3091036	19.126 ug/ml
5) T A~2-methylnaphthalene...	6.181	3226928	18.983 ug/ml
6) T n-Tetradecane (C14)	7.317	3149977	19.068 ug/ml
7) T n-Hexadecane (C16)	8.879	3197382	18.919 ug/ml
8) T n-Octadecane (C18)	10.286	3207145	18.642 ug/ml
10) T n-Eicosane (C20)	11.565	3154881	18.485 ug/ml
11) T n-Heneicosane (C21)	12.161	3117472	18.284 ug/ml
13) T n-Docosane (C22)	12.734	3165566	18.571 ug/ml
14) T n-Tetracosane (C24)	13.811	3092544	18.419 ug/ml
15) T n-Hexacosane (C26)	14.807	3000120	18.257 ug/ml
16) T n-Octacosane (C28)	15.734	2962673	18.671 ug/ml
17) T n-Tricontane (C30)	16.599	2978809	19.569 ug/ml
18) T n-Dotriacontane (C32)	17.413	2832949	19.489 ug/ml
19) T n-Tetratriacontane (C34)	18.176	2544968	20.037 ug/ml
20) T n-Hexatriacontane (C36)	18.896	2338878	20.840 ug/ml
21) T n-Octatriacontane (C38)	19.577	2242218	20.483 ug/mlm
22) T n-Tetracontane (C40)	20.226	2346078	20.773 ug/mlm

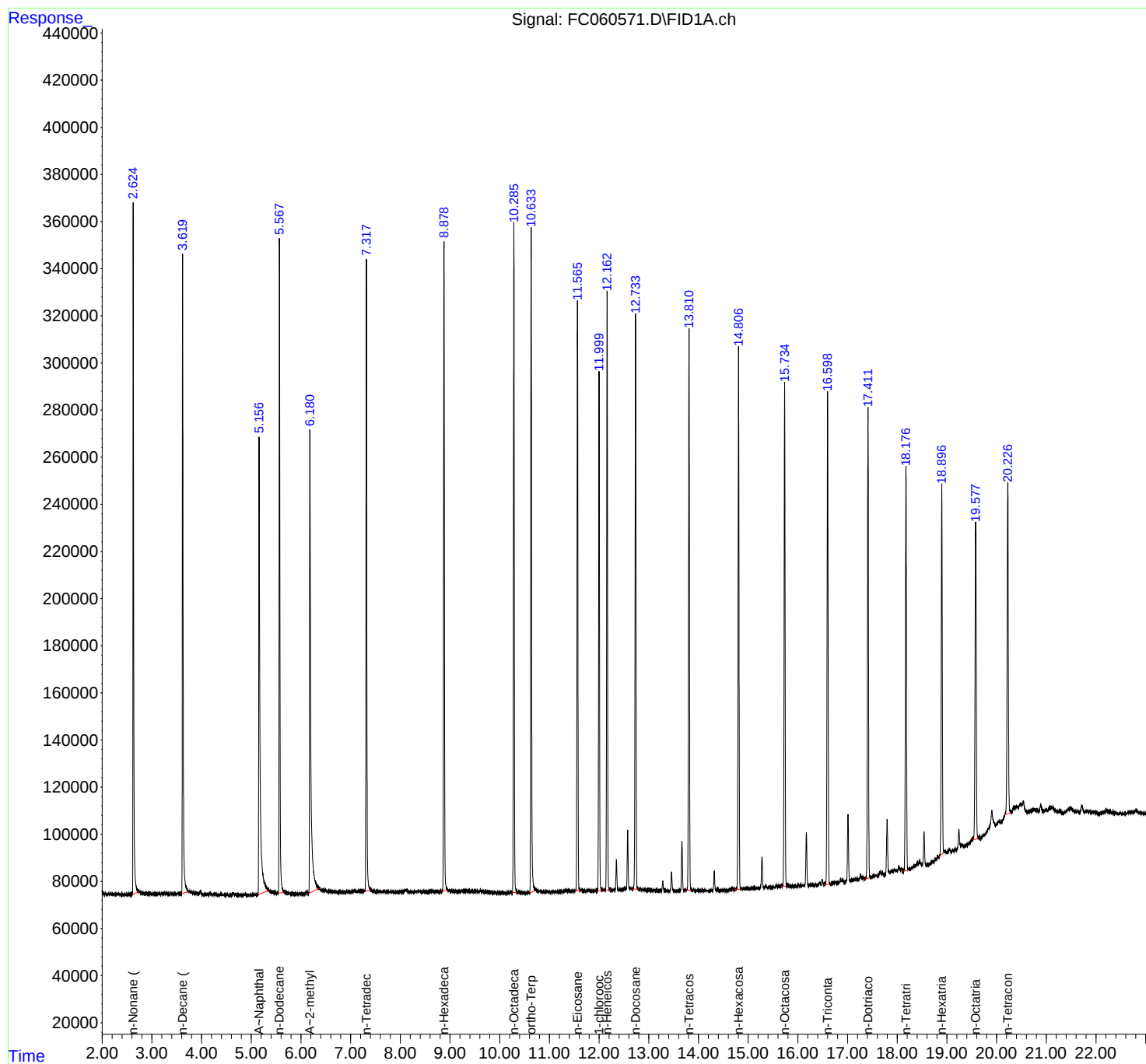
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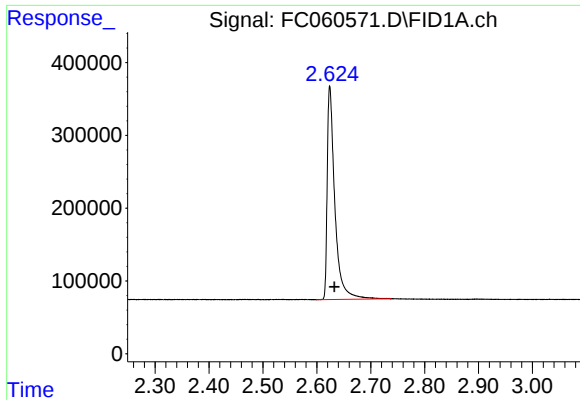
(m)=manual int.

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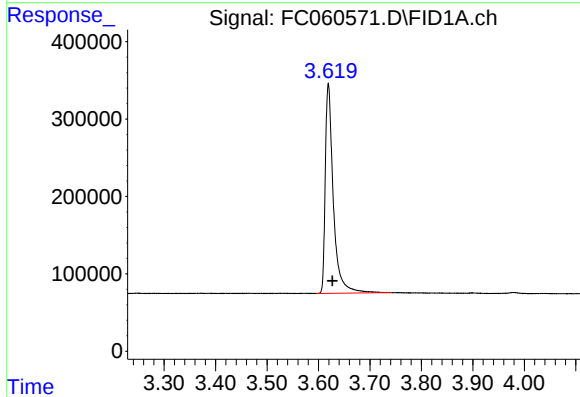
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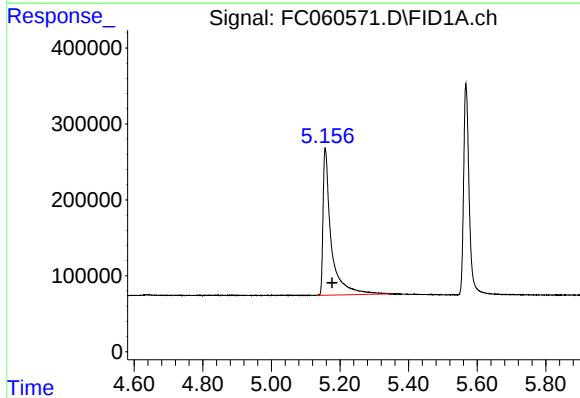
#1 n-Nonane (C9)

R.T.: 2.625 min
Delta R.T.: -0.008 min
Response: 2886768
Conc: 18.82 ug/ml



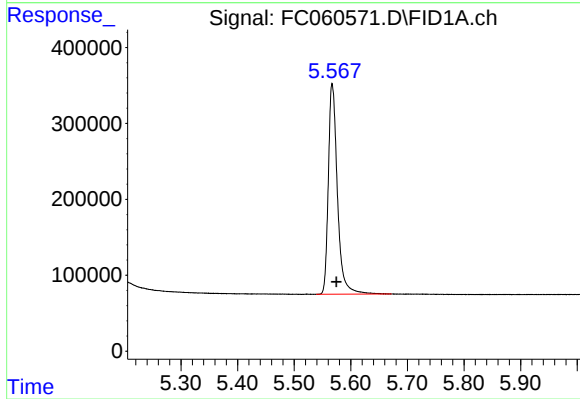
#2 n-Decane (C10)

R.T.: 3.620 min
Delta R.T.: -0.008 min
Response: 2950891
Conc: 19.32 ug/ml



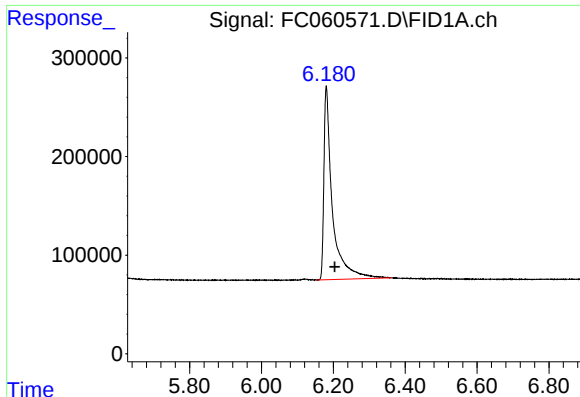
#3 A~Naphthalene (C11.7)

R.T.: 5.158 min
Delta R.T.: -0.019 min
Response: 3208710
Conc: 19.19 ug/ml



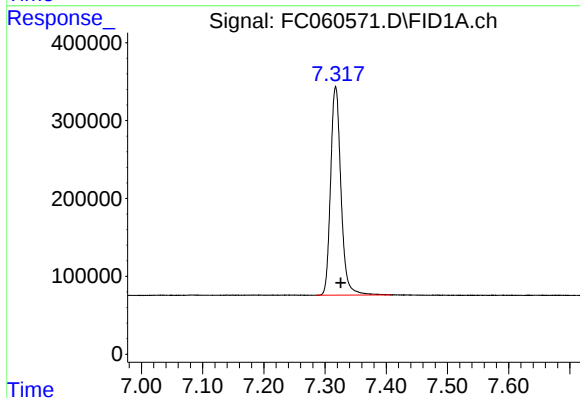
#4 n-Dodecane (C12)

R.T.: 5.568 min
Delta R.T.: -0.007 min
Response: 3091036
Conc: 19.13 ug/ml



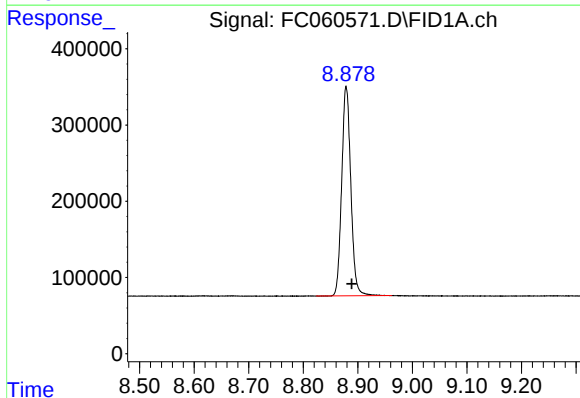
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.181 min
Delta R.T.: -0.023 min
Response: 3226928
Conc: 18.98 ug/ml



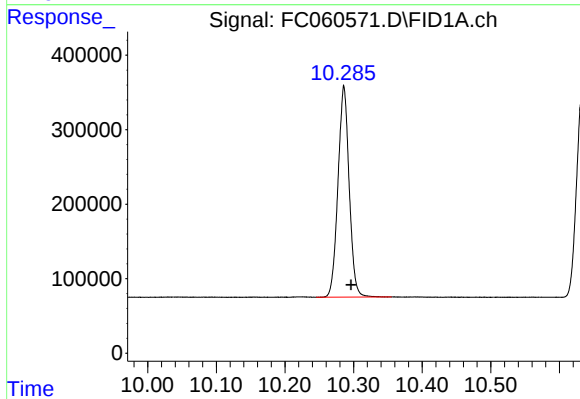
#6 n-Tetradecane (C14)

R.T.: 7.317 min
Delta R.T.: -0.008 min
Response: 3149977
Conc: 19.07 ug/ml



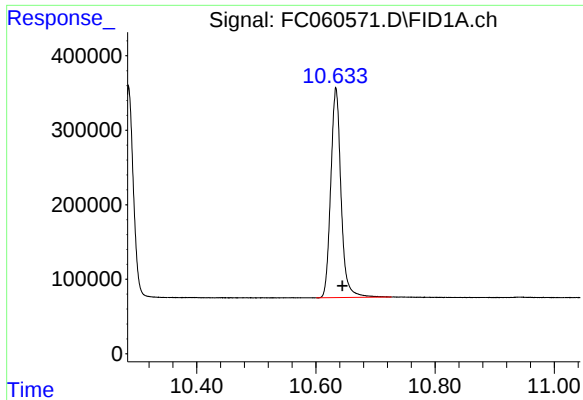
#7 n-Hexadecane (C16)

R.T.: 8.879 min
Delta R.T.: -0.010 min
Response: 3197382
Conc: 18.92 ug/ml



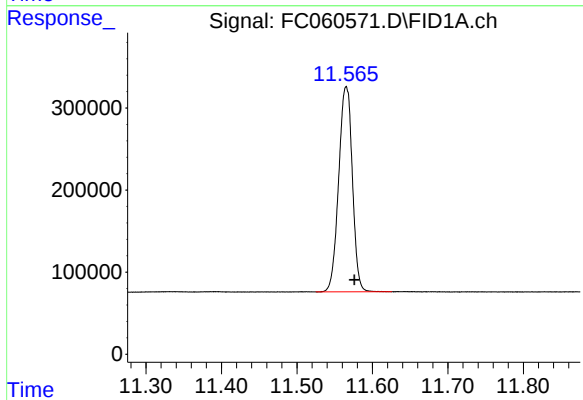
#8 n-Octadecane (C18)

R.T.: 10.286 min
Delta R.T.: -0.011 min
Response: 3207145
Conc: 18.64 ug/ml



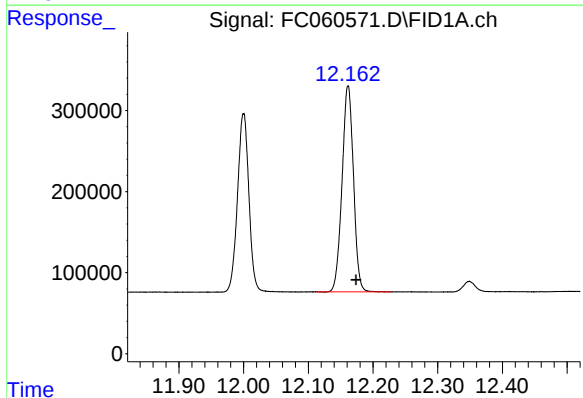
#9 ortho-Terphenyl (SURR)

R.T.: 10.634 min
Delta R.T.: -0.011 min
Response: 3368420
Conc: 18.38 ug/ml



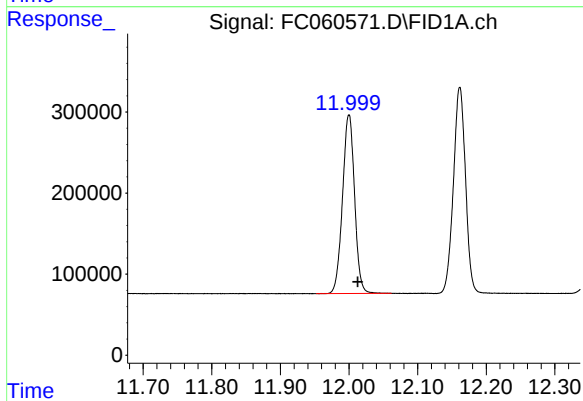
#10 n-Eicosane (C20)

R.T.: 11.565 min
Delta R.T.: -0.011 min
Response: 3154881
Conc: 18.49 ug/ml



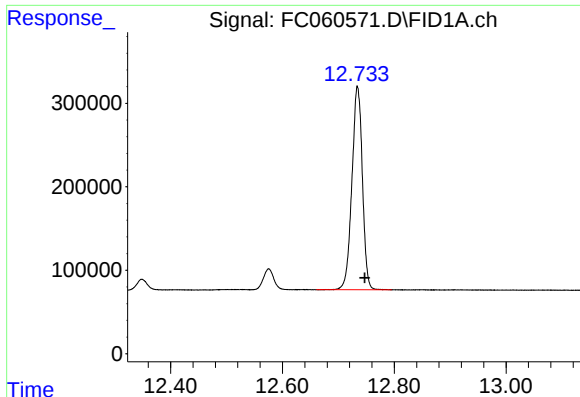
#11 n-Heneicosane (C21)

R.T.: 12.161 min
Delta R.T.: -0.012 min
Response: 3117472
Conc: 18.28 ug/ml



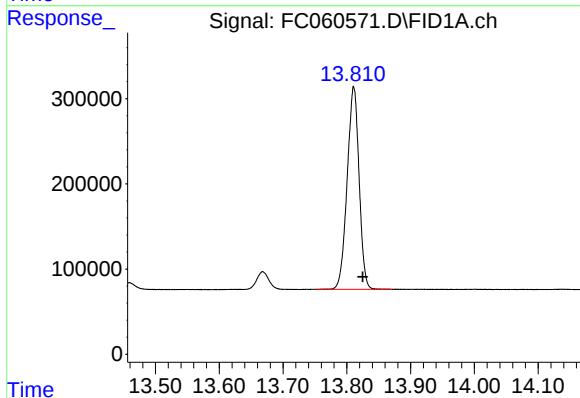
#12 1-chlorooctadecane (SURR)

R.T.: 12.000 min
Delta R.T.: -0.013 min
Response: 2692556
Conc: 18.27 ug/ml



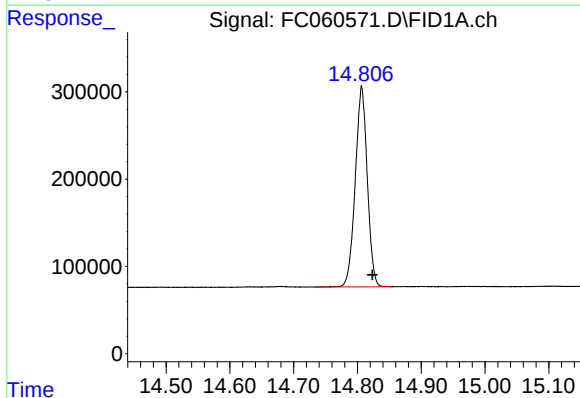
#13 n-Docosane (C22)

R.T.: 12.734 min
Delta R.T.: -0.013 min
Response: 3165566
Conc: 18.57 ug/ml



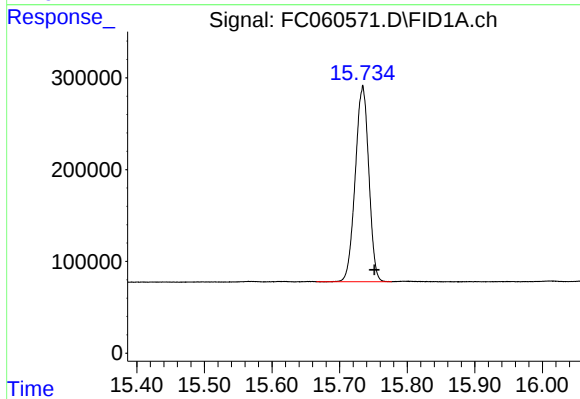
#14 n-Tetracosane (C24)

R.T.: 13.811 min
Delta R.T.: -0.014 min
Response: 3092544
Conc: 18.42 ug/ml



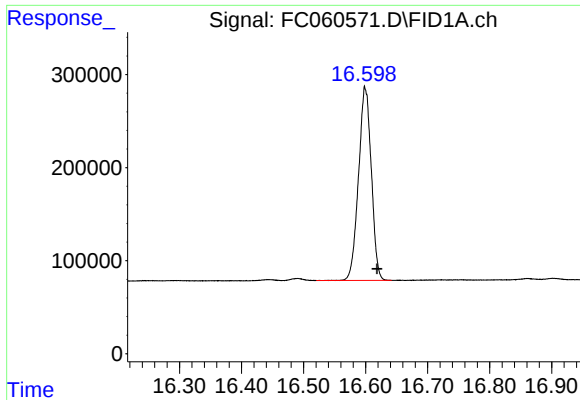
#15 n-Hexacosane (C26)

R.T.: 14.807 min
Delta R.T.: -0.017 min
Response: 3000120
Conc: 18.26 ug/ml



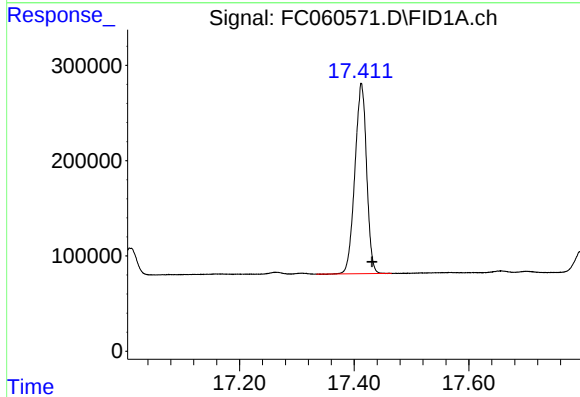
#16 n-Octacosane (C28)

R.T.: 15.734 min
Delta R.T.: -0.018 min
Response: 2962673
Conc: 18.67 ug/ml



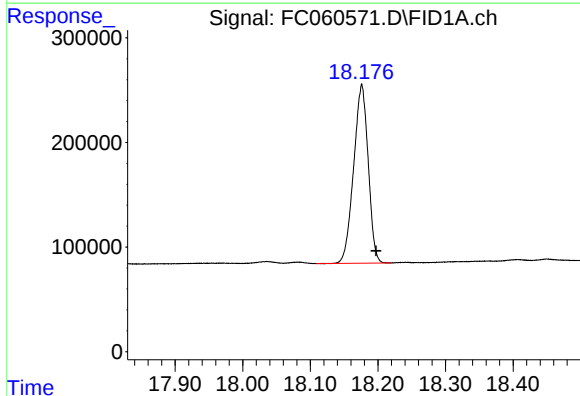
#17 n-Tricontane (C30)

R.T.: 16.599 min
Delta R.T.: -0.019 min
Response: 2978809
Conc: 19.57 ug/ml



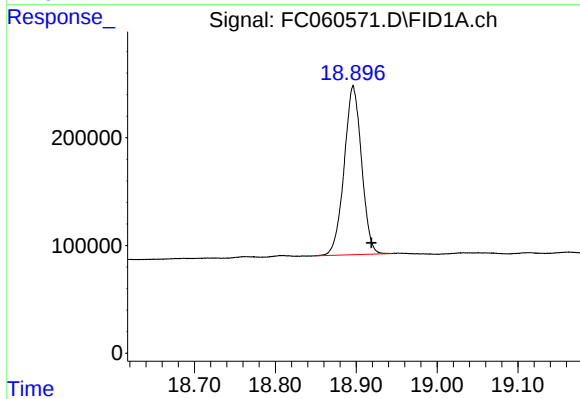
#18 n-Dotriacontane (C32)

R.T.: 17.413 min
Delta R.T.: -0.019 min
Response: 2832949
Conc: 19.49 ug/ml



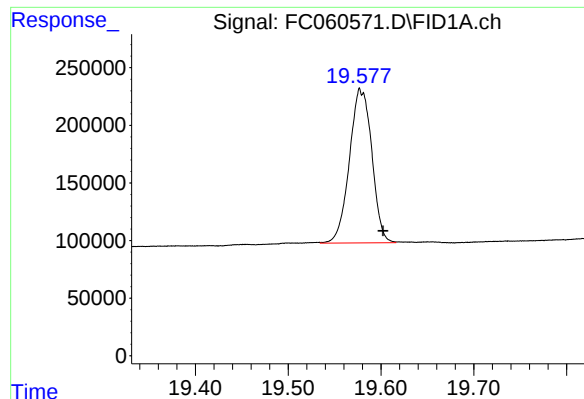
#19 n-Tetratriacontane (C34)

R.T.: 18.176 min
Delta R.T.: -0.021 min
Response: 2544968
Conc: 20.04 ug/ml



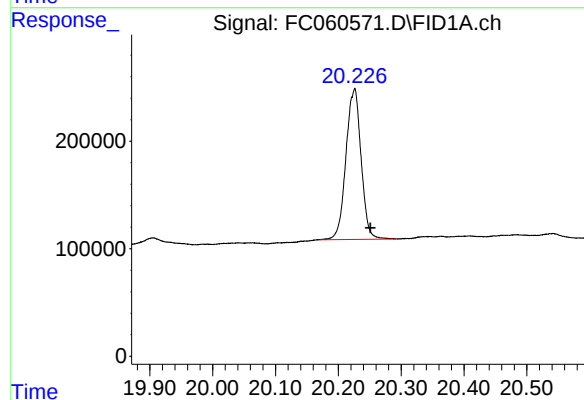
#20 n-Hexatriacontane (C36)

R.T.: 18.896 min
Delta R.T.: -0.022 min
Response: 2338878
Conc: 20.84 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.577 min
Delta R.T.: -0.026 min
Response: 2242218
Conc: 20.48 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 20.226 min
Delta R.T.: -0.025 min
Response: 2346078
Conc: 20.77 ug/ml m