

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC070122AL\
 Data File : FC060557.D
 Signal(s) : FID1A.ch
 Acq On : 01 Jul 2022 13:48
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 02 04:19:05 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	3372774	18.405 ug/ml
Spiked Amount 50.000		Recovery =	36.81%
12) S 1-chlorooctadecane (S...	12.000	2734230	18.550 ug/ml
Spiked Amount 50.000		Recovery =	37.10%
Target Compounds			
1) T n-Nonane (C9)	2.627	2692594	17.553 ug/ml
2) T n-Decane (C10)	3.623	2716845	17.790 ug/ml
3) T A~Naphthalene (C11.7)	5.166	3012190	18.017 ug/ml
4) T n-Dodecane (C12)	5.570	2966143	18.353 ug/ml
5) T A~2-methylnaphthalene...	6.191	2981304	17.538 ug/ml
6) T n-Tetradecane (C14)	7.319	3017766	18.267 ug/ml
7) T n-Hexadecane (C16)	8.880	3113493	18.423 ug/ml
8) T n-Octadecane (C18)	10.287	3190374	18.544 ug/ml
10) T n-Eicosane (C20)	11.563	3178310	18.623 ug/ml
11) T n-Heneicosane (C21)	12.161	3172212	18.605 ug/ml
13) T n-Docosane (C22)	12.733	3242069	19.019 ug/ml
14) T n-Tetracosane (C24)	13.809	3216019	19.154 ug/ml
15) T n-Hexacosane (C26)	14.805	3148373	19.159 ug/ml
16) T n-Octacosane (C28)	15.731	3103732	19.560 ug/ml
17) T n-Tricontane (C30)	16.596	3079737	20.232 ug/ml
18) T n-Dotriacontane (C32)	17.407	2863710	19.700 ug/ml
19) T n-Tetratriacontane (C34)	18.172	2527038	19.896 ug/ml
20) T n-Hexatriacontane (C36)	18.892	2259332	20.132 ug/ml
21) T n-Octatriacontane (C38)	19.574	2120210	19.369 ug/ml
22) T n-Tetracontane (C40)	20.221	2121462	18.784 ug/ml

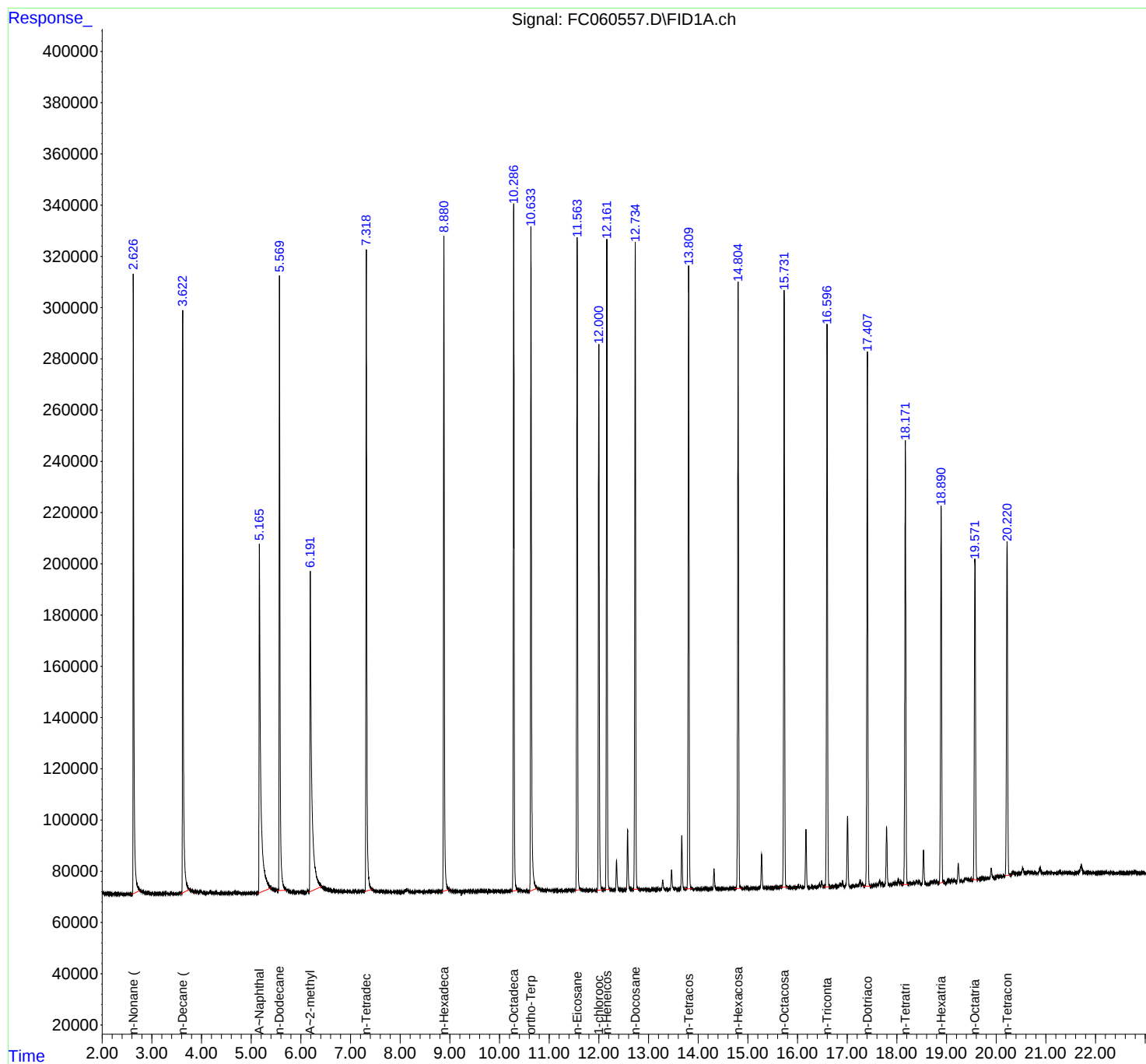
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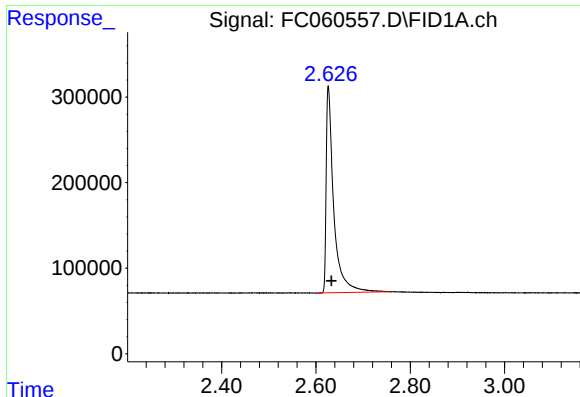
(m)=manual int.

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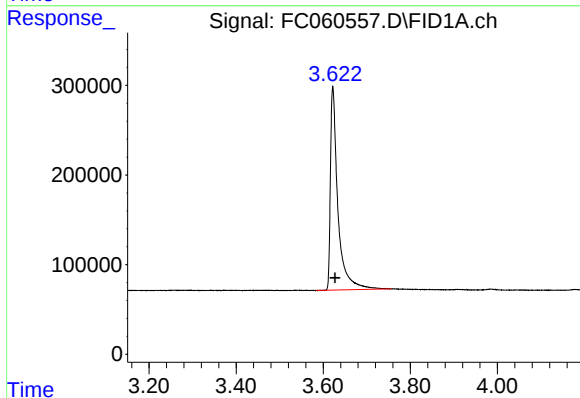
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Signal Info : 20M x 0.18mm x 0.18um





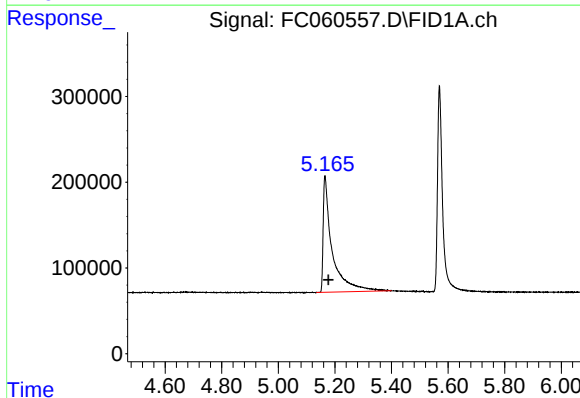
#1 n-Nonane (C9)

R.T.: 2.627 min
Delta R.T.: -0.006 min
Response: 2692594
Conc: 17.55 ug/ml



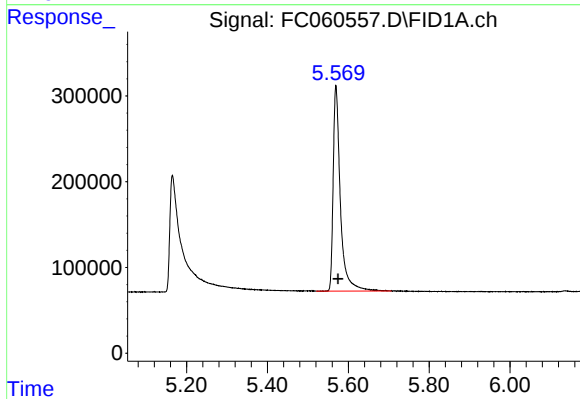
#2 n-Decane (C10)

R.T.: 3.623 min
Delta R.T.: -0.004 min
Response: 2716845
Conc: 17.79 ug/ml



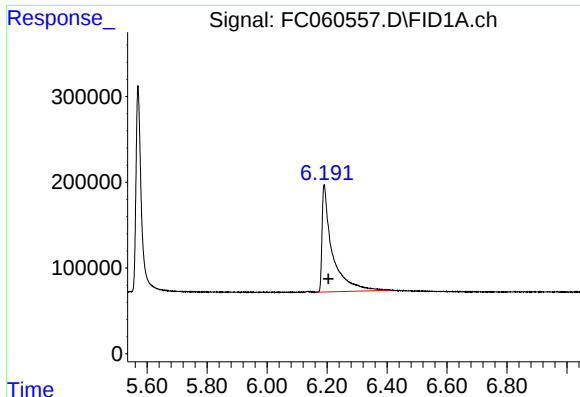
#3 A~Naphthalene (C11.7)

R.T.: 5.166 min
Delta R.T.: -0.011 min
Response: 3012190
Conc: 18.02 ug/ml



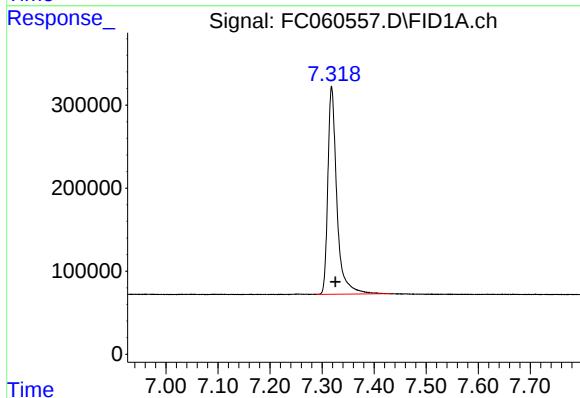
#4 n-Dodecane (C12)

R.T.: 5.570 min
Delta R.T.: -0.005 min
Response: 2966143
Conc: 18.35 ug/ml



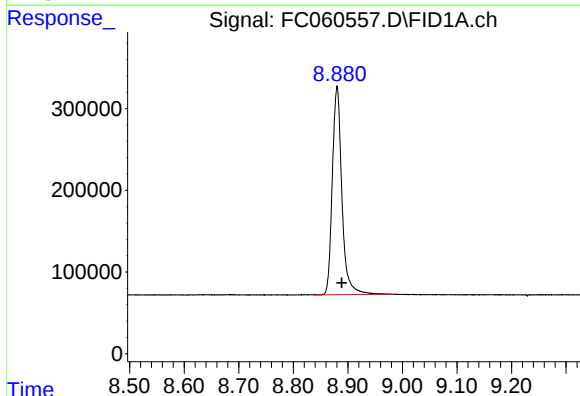
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.191 min
Delta R.T.: -0.013 min
Response: 2981304
Conc: 17.54 ug/ml



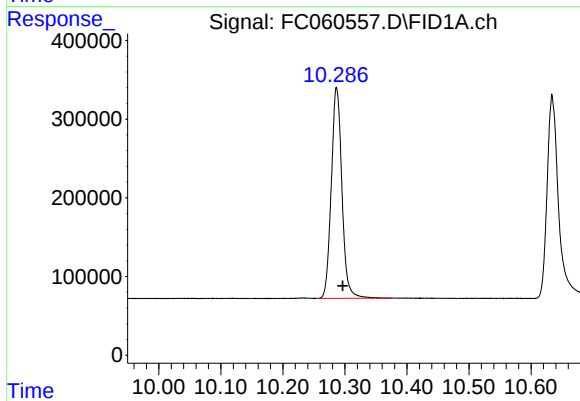
#6 n-Tetradecane (C14)

R.T.: 7.319 min
Delta R.T.: -0.007 min
Response: 3017766
Conc: 18.27 ug/ml



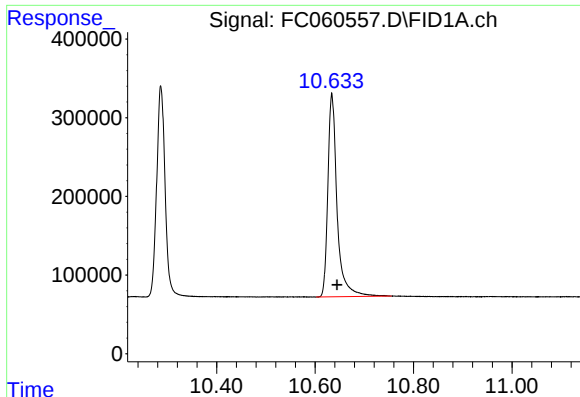
#7 n-Hexadecane (C16)

R.T.: 8.880 min
Delta R.T.: -0.009 min
Response: 3113493
Conc: 18.42 ug/ml



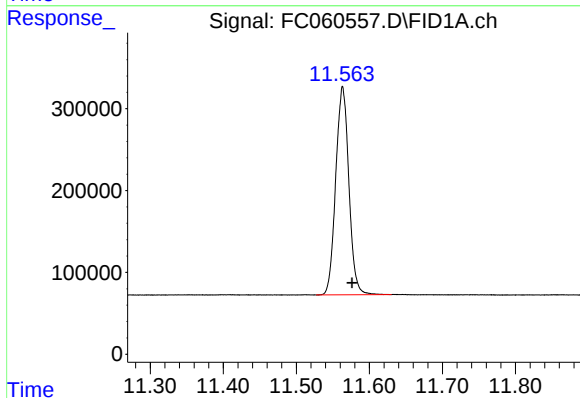
#8 n-Octadecane (C18)

R.T.: 10.287 min
Delta R.T.: -0.010 min
Response: 3190374
Conc: 18.54 ug/ml



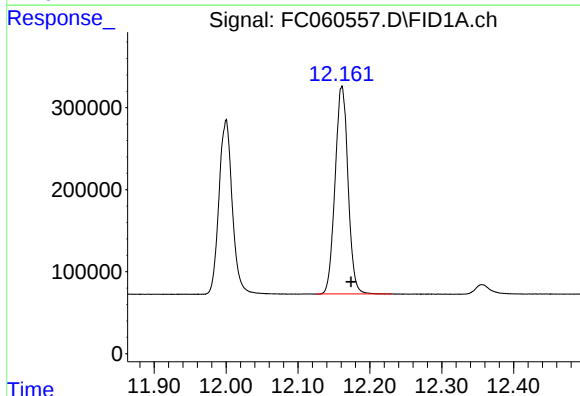
#9 ortho-Terphenyl (SURR)

R.T.: 10.634 min
Delta R.T.: -0.010 min
Response: 3372774
Conc: 18.40 ug/ml



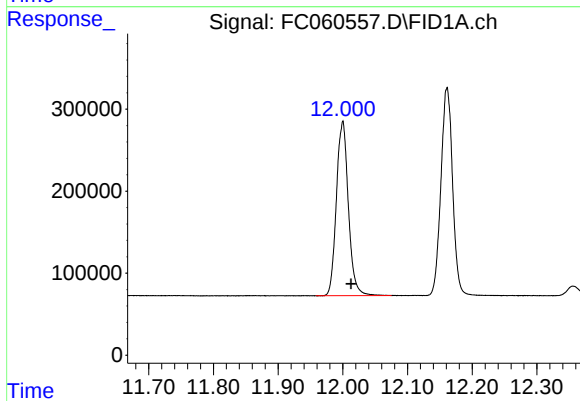
#10 n-Eicosane (C20)

R.T.: 11.563 min
Delta R.T.: -0.013 min
Response: 3178310
Conc: 18.62 ug/ml



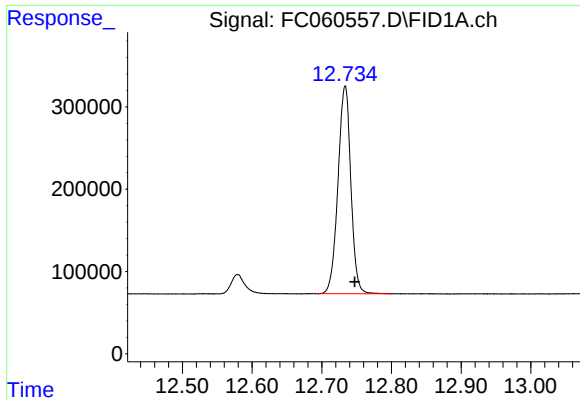
#11 n-Heneicosane (C21)

R.T.: 12.161 min
Delta R.T.: -0.013 min
Response: 3172212
Conc: 18.61 ug/ml



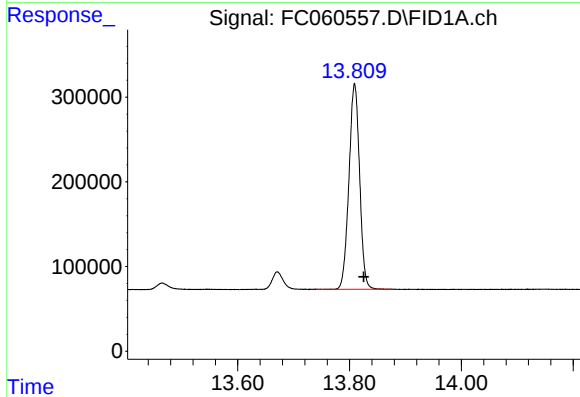
#12 1-chlorooctadecane (SURR)

R.T.: 12.000 min
Delta R.T.: -0.013 min
Response: 2734230
Conc: 18.55 ug/ml



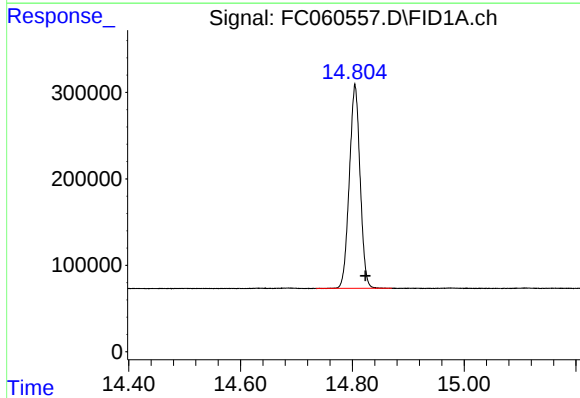
#13 n-Docosane (C22)

R.T.: 12.733 min
Delta R.T.: -0.014 min
Response: 3242069
Conc: 19.02 ug/ml



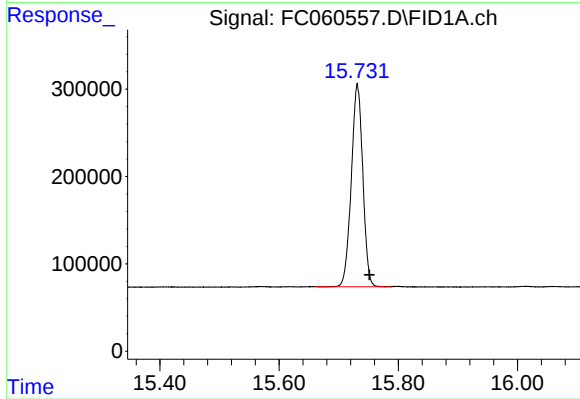
#14 n-Tetracosane (C24)

R.T.: 13.809 min
Delta R.T.: -0.016 min
Response: 3216019
Conc: 19.15 ug/ml



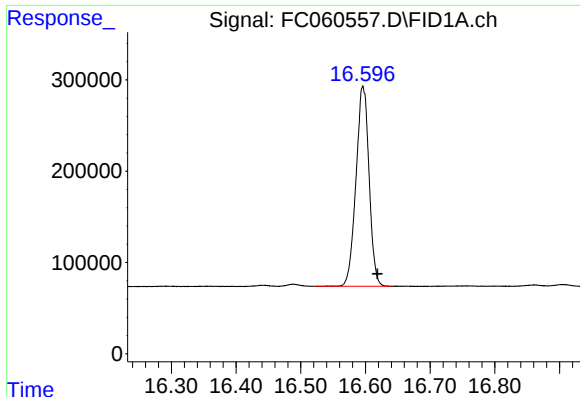
#15 n-Hexacosane (C26)

R.T.: 14.805 min
Delta R.T.: -0.019 min
Response: 3148373
Conc: 19.16 ug/ml



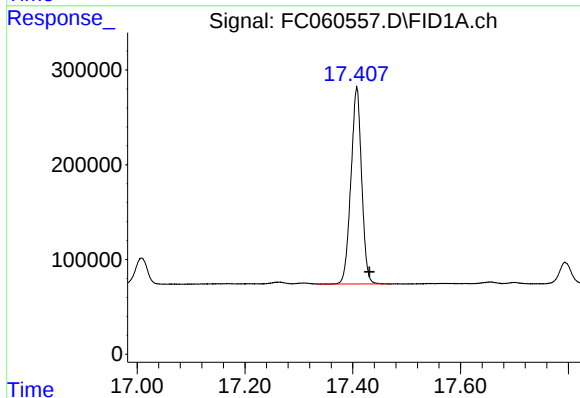
#16 n-Octacosane (C28)

R.T.: 15.731 min
Delta R.T.: -0.020 min
Response: 3103732
Conc: 19.56 ug/ml



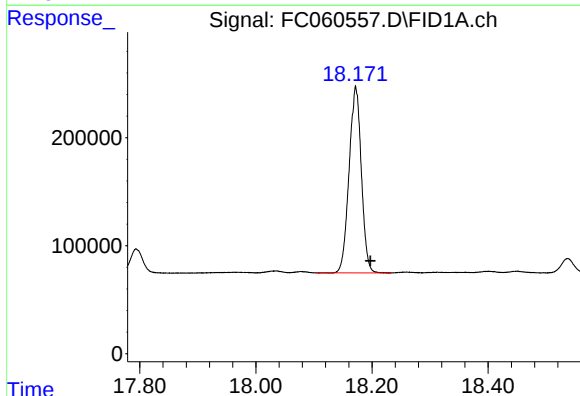
#17 n-Tricontane (C30)

R.T.: 16.596 min
Delta R.T.: -0.022 min
Response: 3079737
Conc: 20.23 ug/ml



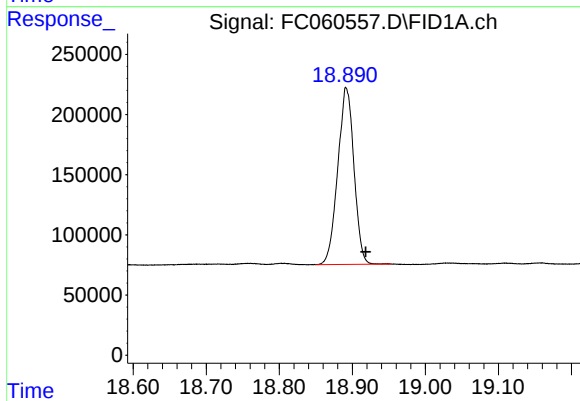
#18 n-Dotriacontane (C32)

R.T.: 17.407 min
Delta R.T.: -0.024 min
Response: 2863710
Conc: 19.70 ug/ml



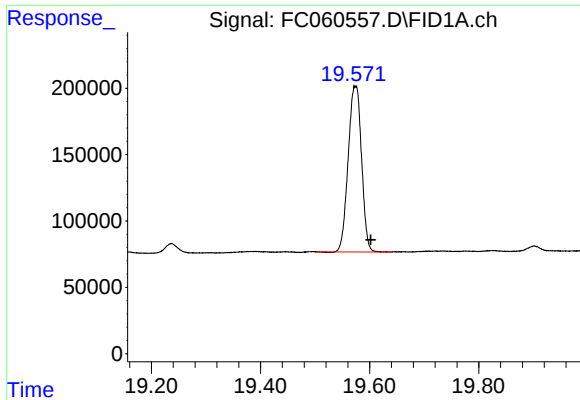
#19 n-Tetratriacontane (C34)

R.T.: 18.172 min
Delta R.T.: -0.025 min
Response: 2527038
Conc: 19.90 ug/ml



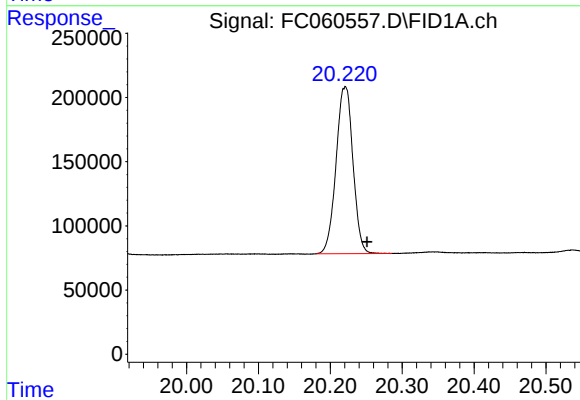
#20 n-Hexatriacontane (C36)

R.T.: 18.892 min
Delta R.T.: -0.027 min
Response: 2259332
Conc: 20.13 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.574 min
Delta R.T.: -0.028 min
Response: 2120210
Conc: 19.37 ug/ml



#22 n-Tetracontane (C40)

R.T.: 20.221 min
Delta R.T.: -0.031 min
Response: 2121462
Conc: 18.78 ug/ml