

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC071422AL\
 Data File : FC060734.D
 Signal(s) : FID1A.ch
 Acq On : 14 Jul 2022 22:17
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Jul 14 22:51:49 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)	10.635	3350893	18.285 ug/ml
Spiked Amount 50.000		Recovery =	36.57%
12) S 1-chlorooctadecane (S...	12.001	2623163	17.797 ug/ml
Spiked Amount 50.000		Recovery =	35.59%
Target Compounds			
1) T n-Nonane (C9)	2.620	3041901	19.830 ug/ml
2) T n-Decane (C10)	3.618	3128144	20.483 ug/ml
3) T A~Naphthalene (C11.7)	5.158	3492976	20.892 ug/ml
4) T n-Dodecane (C12)	5.567	3350795	20.733 ug/ml
5) T A~2-methylnaphthalene...	6.183	3525730	20.741 ug/ml
6) T n-Tetradecane (C14)	7.318	3306751	20.017 ug/ml
7) T n-Hexadecane (C16)	8.880	3258464	19.281 ug/ml
8) T n-Octadecane (C18)	10.287	3212815	18.675 ug/ml
10) T n-Eicosane (C20)	11.565	3097840	18.151 ug/ml
11) T n-Heneicosane (C21)	12.163	3055799	17.923 ug/ml
13) T n-Docosane (C22)	12.735	3002147	17.612 ug/ml
14) T n-Tetracosane (C24)	13.811	2885544	17.186 ug/ml
15) T n-Hexacosane (C26)	14.808	2772633	16.873 ug/ml
16) T n-Octacosane (C28)	15.734	2754190	17.357 ug/ml
17) T n-Tricontane (C30)	16.600	2914507	19.146 ug/ml
18) T n-Dotriacontane (C32)	17.412	2937081	20.205 ug/ml
19) T n-Tetratriacontane (C34)	18.177	2760653	21.736 ug/ml
20) T n-Hexatriacontane (C36)	18.897	2560581	22.816 ug/ml
21) T n-Octatriacontane (C38)	19.581	2418490	22.094 ug/ml
22) T n-Tetracontane (C40)	20.228	2366007	20.949 ug/ml

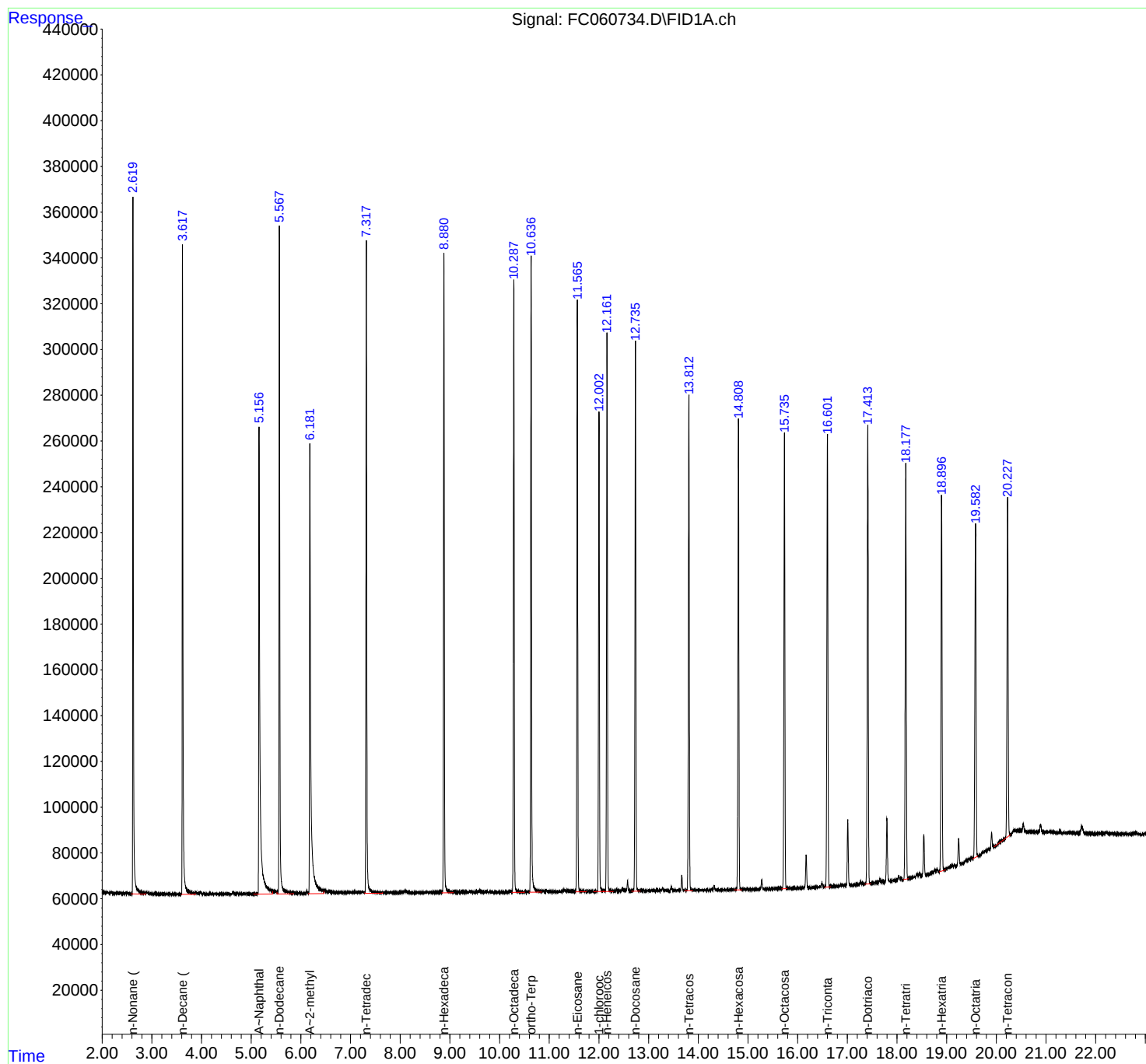
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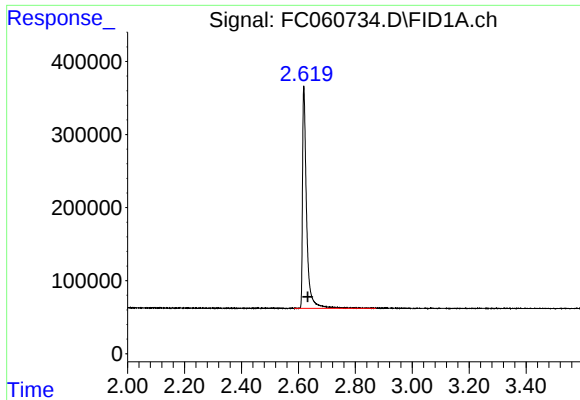
(m)=manual int.

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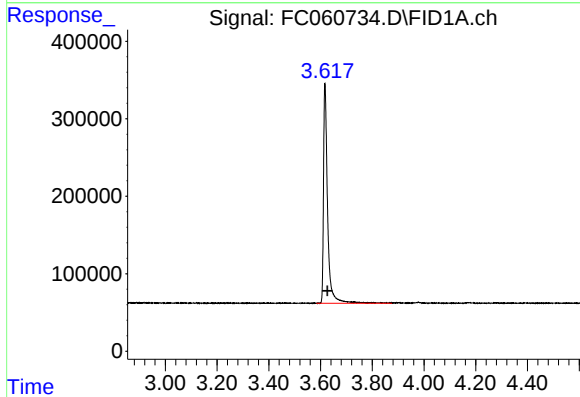
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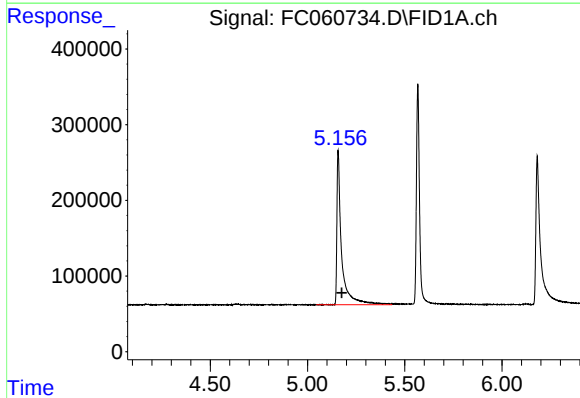
#1 n-Nonane (C9)

R.T.: 2.620 min
Delta R.T.: -0.013 min
Response: 3041901
Conc: 19.83 ug/ml



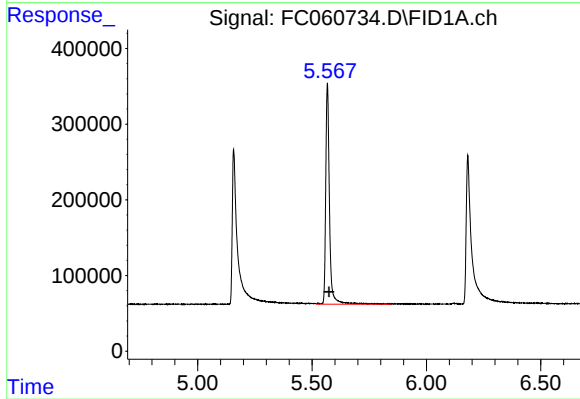
#2 n-Decane (C10)

R.T.: 3.618 min
Delta R.T.: -0.009 min
Response: 3128144
Conc: 20.48 ug/ml



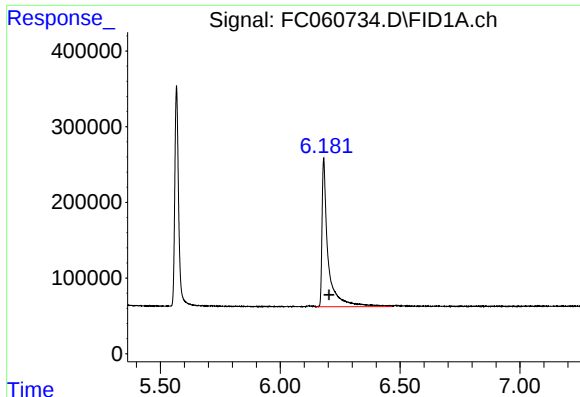
#3 A~Naphthalene (C11.7)

R.T.: 5.158 min
Delta R.T.: -0.019 min
Response: 3492976
Conc: 20.89 ug/ml



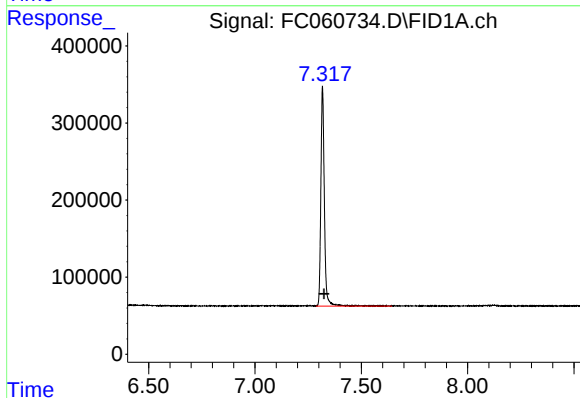
#4 n-Dodecane (C12)

R.T.: 5.567 min
Delta R.T.: -0.007 min
Response: 3350795
Conc: 20.73 ug/ml



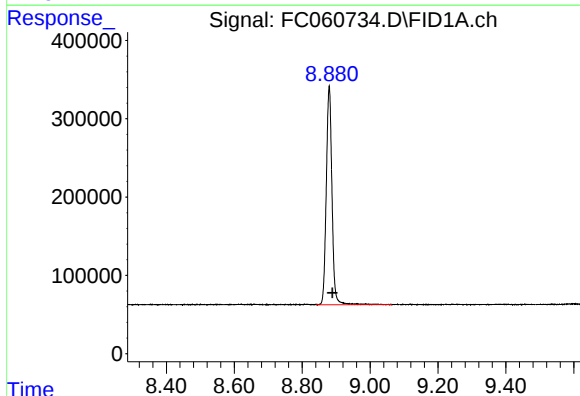
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.183 min
Delta R.T.: -0.021 min
Response: 3525730
Conc: 20.74 ug/ml



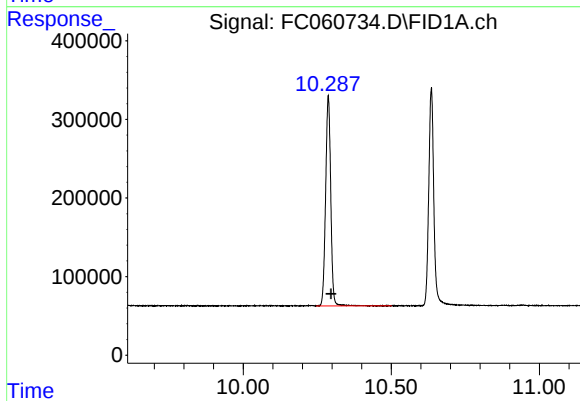
#6 n-Tetradecane (C14)

R.T.: 7.318 min
Delta R.T.: -0.008 min
Response: 3306751
Conc: 20.02 ug/ml



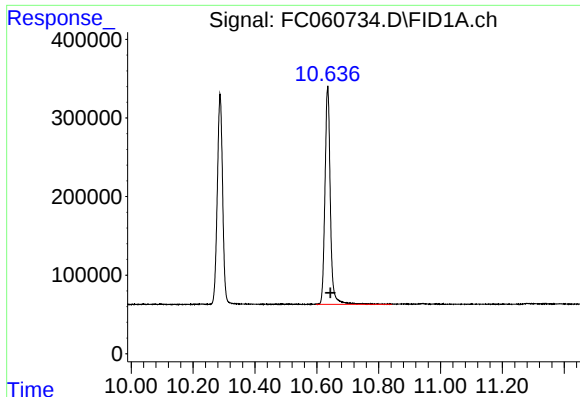
#7 n-Hexadecane (C16)

R.T.: 8.880 min
Delta R.T.: -0.009 min
Response: 3258464
Conc: 19.28 ug/ml



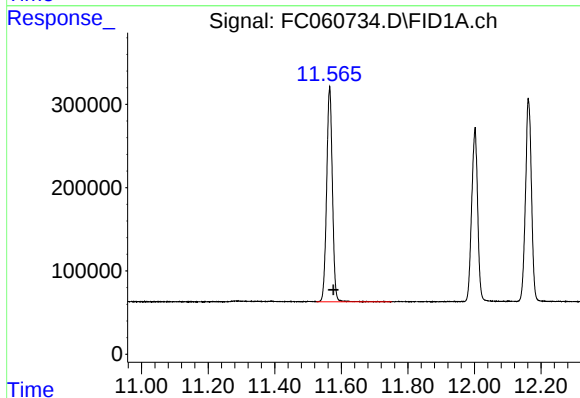
#8 n-Octadecane (C18)

R.T.: 10.287 min
Delta R.T.: -0.009 min
Response: 3212815
Conc: 18.67 ug/ml



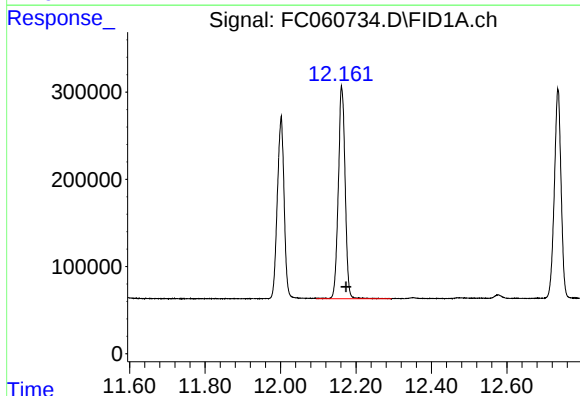
#9 ortho-Terphenyl (SURR)

R.T.: 10.635 min
Delta R.T.: -0.010 min
Response: 3350893
Conc: 18.29 ug/ml



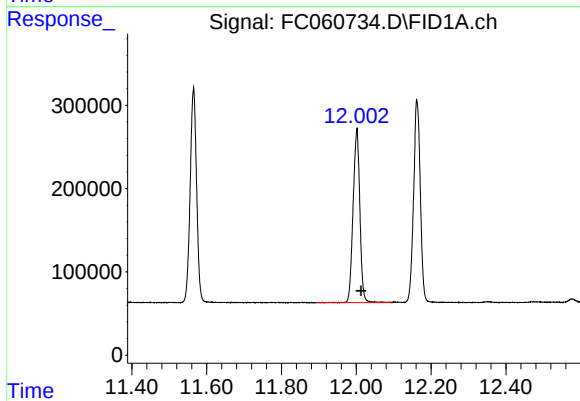
#10 n-Eicosane (C20)

R.T.: 11.565 min
Delta R.T.: -0.011 min
Response: 3097840
Conc: 18.15 ug/ml



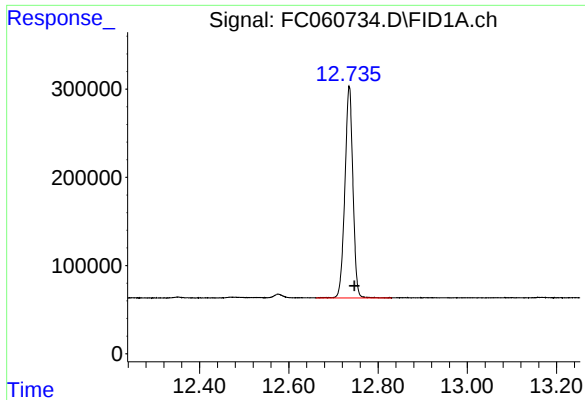
#11 n-Heneicosane (C21)

R.T.: 12.163 min
Delta R.T.: -0.011 min
Response: 3055799
Conc: 17.92 ug/ml



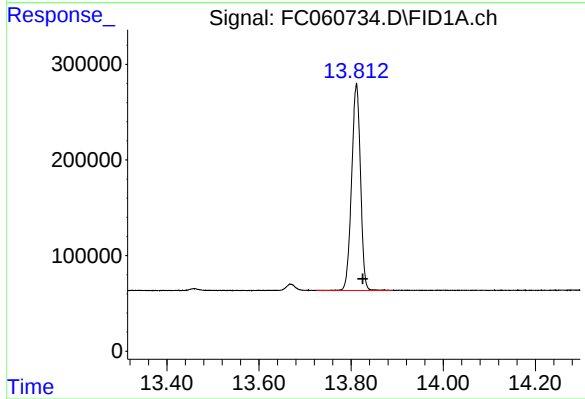
#12 1-chlorooctadecane (SURR)

R.T.: 12.001 min
Delta R.T.: -0.012 min
Response: 2623163
Conc: 17.80 ug/ml



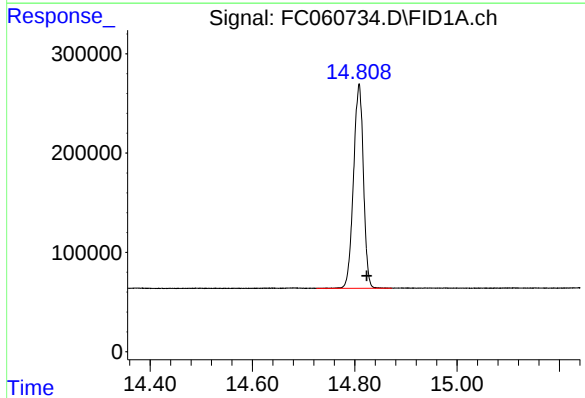
#13 n-Docosane (C22)

R.T.: 12.735 min
Delta R.T.: -0.012 min
Response: 3002147
Conc: 17.61 ug/ml



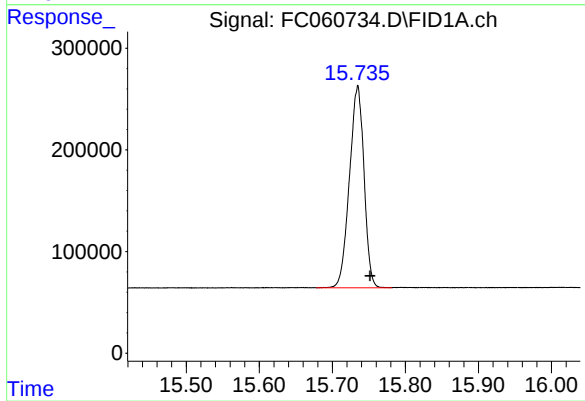
#14 n-Tetracosane (C24)

R.T.: 13.811 min
Delta R.T.: -0.014 min
Response: 2885544
Conc: 17.19 ug/ml



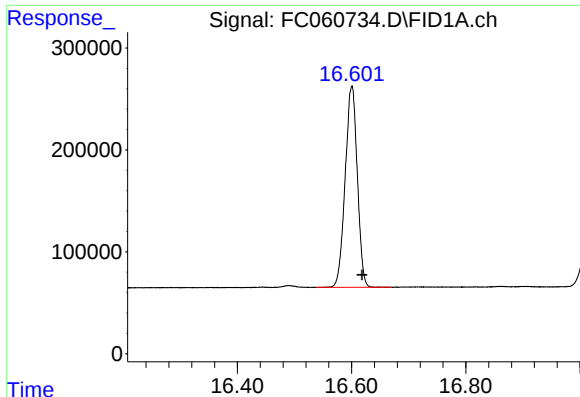
#15 n-Hexacosane (C26)

R.T.: 14.808 min
Delta R.T.: -0.016 min
Response: 2772633
Conc: 16.87 ug/ml



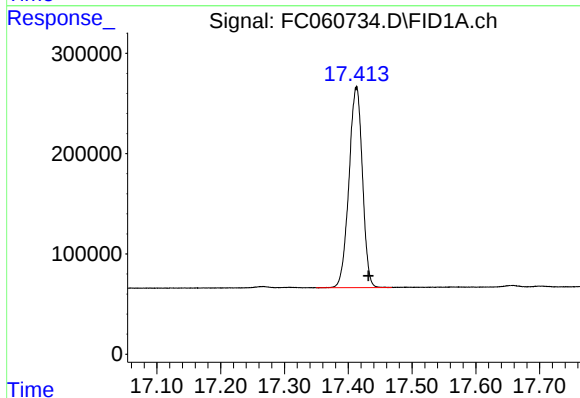
#16 n-Octacosane (C28)

R.T.: 15.734 min
Delta R.T.: -0.017 min
Response: 2754190
Conc: 17.36 ug/ml



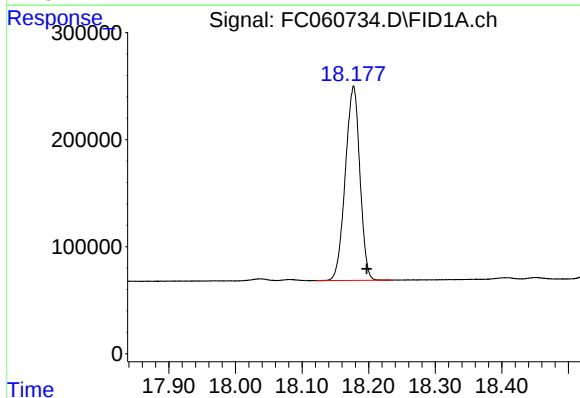
#17 n-Tricontane (C30)

R.T.: 16.600 min
Delta R.T.: -0.019 min
Response: 2914507
Conc: 19.15 ug/ml



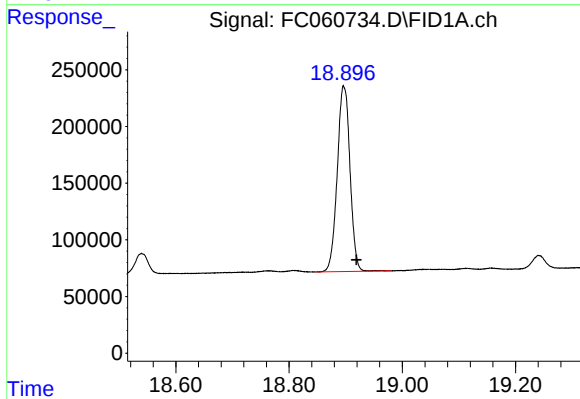
#18 n-Dotriacontane (C32)

R.T.: 17.412 min
Delta R.T.: -0.019 min
Response: 2937081
Conc: 20.20 ug/ml



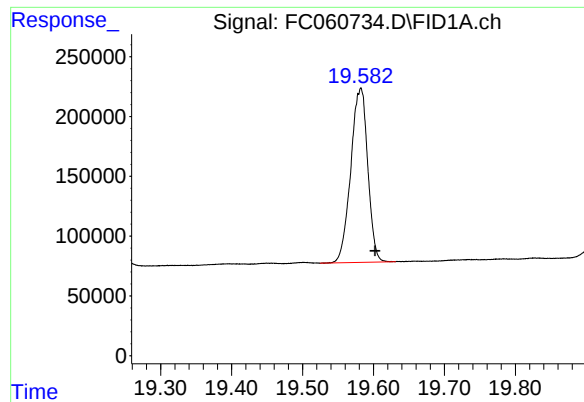
#19 n-Tetratriacontane (C34)

R.T.: 18.177 min
Delta R.T.: -0.021 min
Response: 2760653
Conc: 21.74 ug/ml



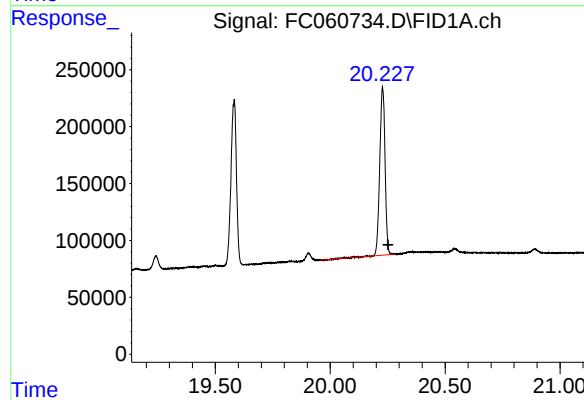
#20 n-Hexatriacontane (C36)

R.T.: 18.897 min
Delta R.T.: -0.022 min
Response: 2560581
Conc: 22.82 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.581 min
Delta R.T.: -0.021 min
Response: 2418490
Conc: 22.09 ug/ml



#22 n-Tetracontane (C40)

R.T.: 20.228 min
Delta R.T.: -0.023 min
Response: 2366007
Conc: 20.95 ug/ml