

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC071322AL\
 Data File : FC060717.D
 Signal(s) : FID1A.ch
 Acq On : 14 Jul 2022 05:54
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Jul 14 06:10:58 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)	10.638	3437054	18.755 ug/ml
Spiked Amount 50.000		Recovery =	37.51%
12) S 1-chlorooctadecane (S...	12.004	2716927	18.433 ug/ml
Spiked Amount 50.000		Recovery =	36.87%
Target Compounds			
1) T n-Nonane (C9)	2.627	3042349	19.833 ug/ml
2) T n-Decane (C10)	3.622	3132235	20.510 ug/ml
3) T A~Naphthalene (C11.7)	5.161	3402210	20.349 ug/ml
4) T n-Dodecane (C12)	5.571	3295838	20.393 ug/ml
5) T A~2-methylnaphthalene...	6.185	3436145	20.214 ug/ml
6) T n-Tetradecane (C14)	7.321	3316425	20.075 ug/ml
7) T n-Hexadecane (C16)	8.883	3328877	19.697 ug/ml
8) T n-Octadecane (C18)	10.291	3301920	19.193 ug/ml
10) T n-Eicosane (C20)	11.568	3203101	18.768 ug/ml
11) T n-Heneicosane (C21)	12.166	3159276	18.529 ug/ml
13) T n-Docosane (C22)	12.738	3134030	18.386 ug/ml
14) T n-Tetracosane (C24)	13.816	3000510	17.871 ug/ml
15) T n-Hexacosane (C26)	14.811	2870447	17.468 ug/ml
16) T n-Octacosane (C28)	15.738	2811075	17.716 ug/ml
17) T n-Tricontane (C30)	16.605	2854694	18.753 ug/ml
18) T n-Dotriacontane (C32)	17.416	2812961	19.351 ug/ml
19) T n-Tetratriacontane (C34)	18.180	2628308	20.694 ug/mlm
20) T n-Hexatriacontane (C36)	18.903	2490742	22.193 ug/ml
21) T n-Octatriacontane (C38)	19.588	2373598	21.683 ug/mlm
22) T n-Tetracontane (C40)	20.233	2450970	21.702 ug/ml

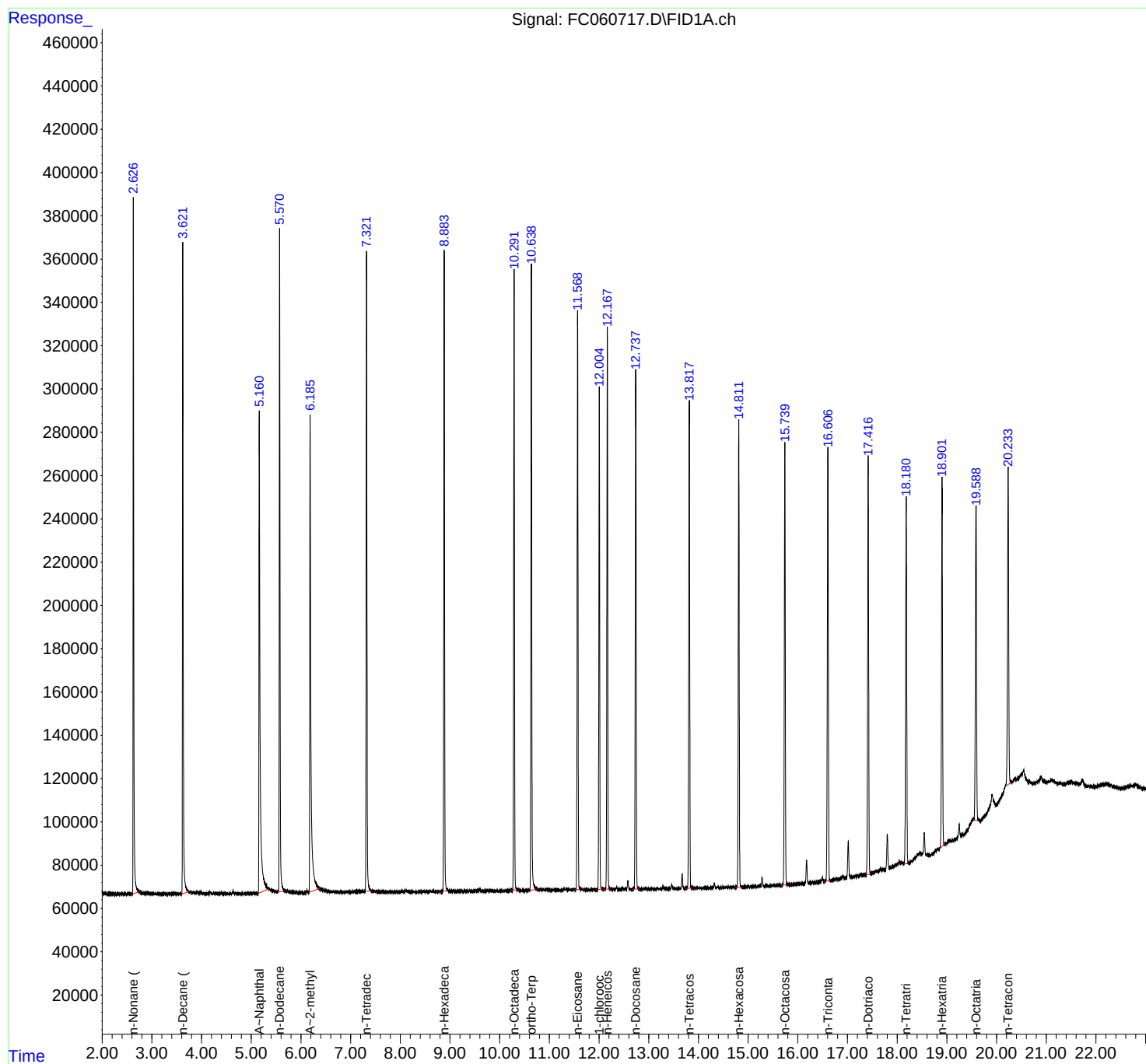
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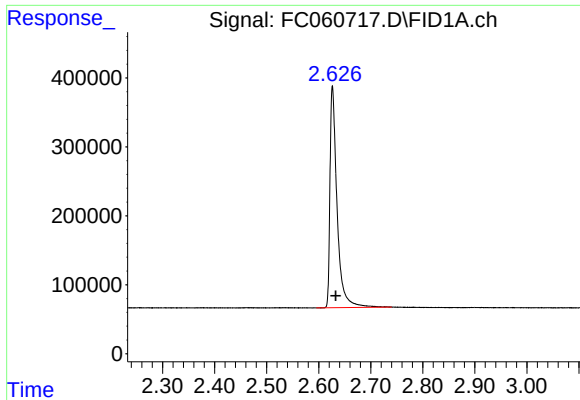
(m)=manual int.

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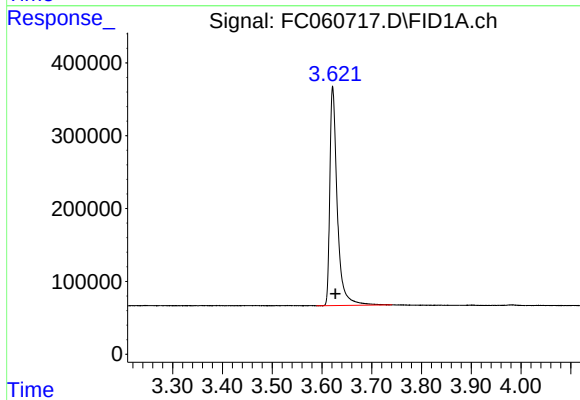
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





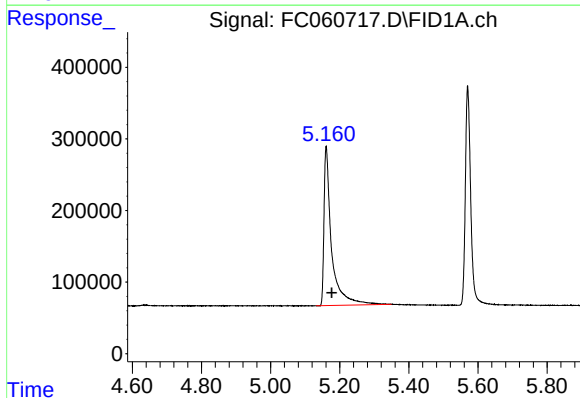
#1 n-Nonane (C9)

R.T.: 2.627 min
Delta R.T.: -0.006 min
Response: 3042349
Conc: 19.83 ug/ml



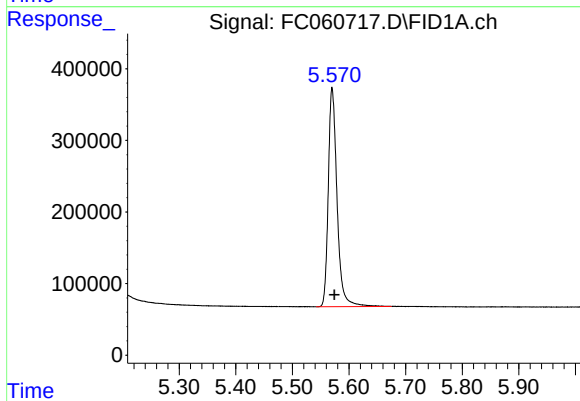
#2 n-Decane (C10)

R.T.: 3.622 min
Delta R.T.: -0.005 min
Response: 3132235
Conc: 20.51 ug/ml



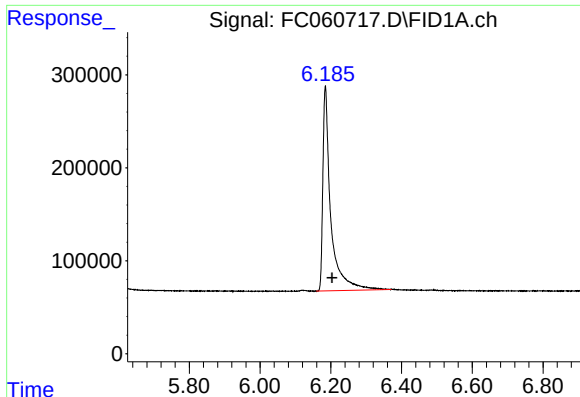
#3 A~Naphthalene (C11.7)

R.T.: 5.161 min
Delta R.T.: -0.015 min
Response: 3402210
Conc: 20.35 ug/ml



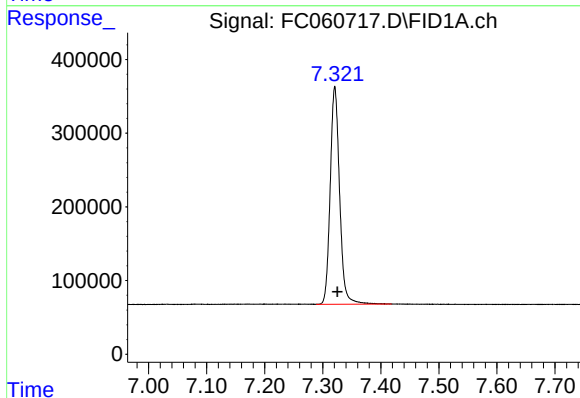
#4 n-Dodecane (C12)

R.T.: 5.571 min
Delta R.T.: -0.004 min
Response: 3295838
Conc: 20.39 ug/ml



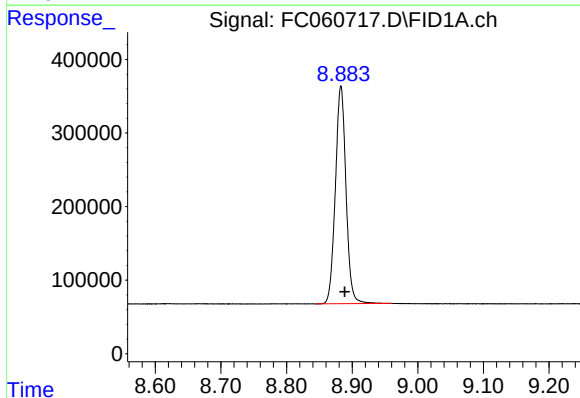
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.185 min
Delta R.T.: -0.019 min
Response: 3436145
Conc: 20.21 ug/ml



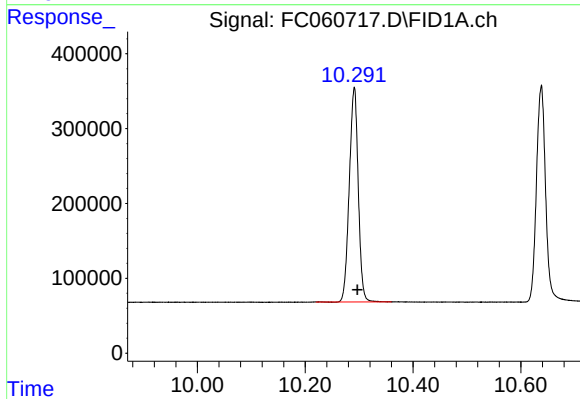
#6 n-Tetradecane (C14)

R.T.: 7.321 min
Delta R.T.: -0.005 min
Response: 3316425
Conc: 20.08 ug/ml



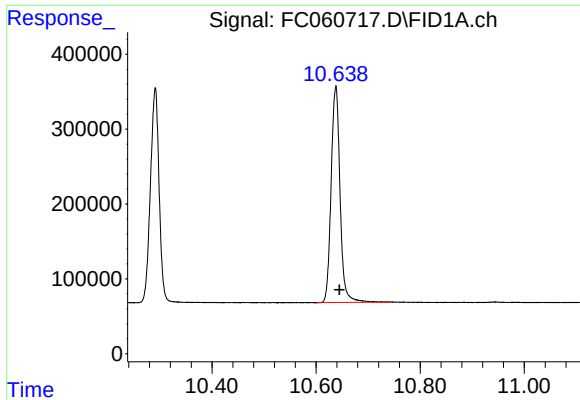
#7 n-Hexadecane (C16)

R.T.: 8.883 min
Delta R.T.: -0.006 min
Response: 3328877
Conc: 19.70 ug/ml



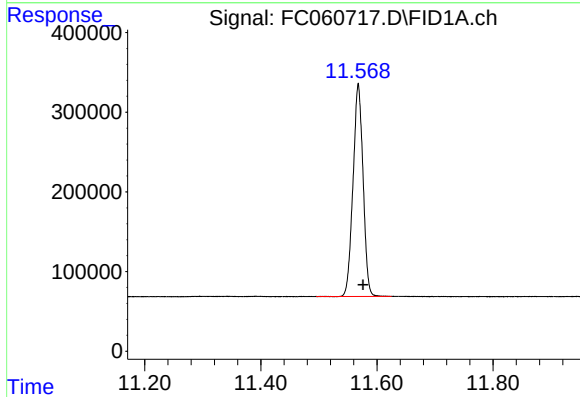
#8 n-Octadecane (C18)

R.T.: 10.291 min
Delta R.T.: -0.006 min
Response: 3301920
Conc: 19.19 ug/ml



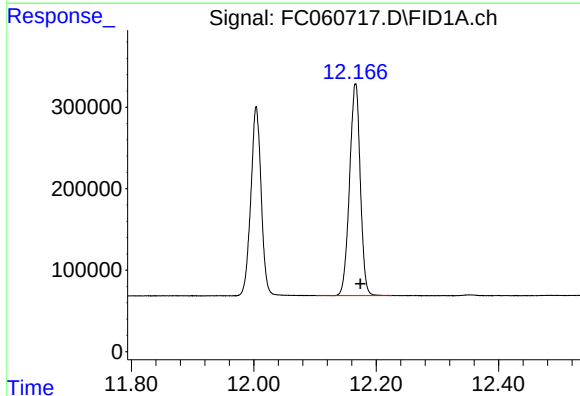
#9 ortho-Terphenyl (SURR)

R.T.: 10.638 min
Delta R.T.: -0.007 min
Response: 3437054
Conc: 18.76 ug/ml



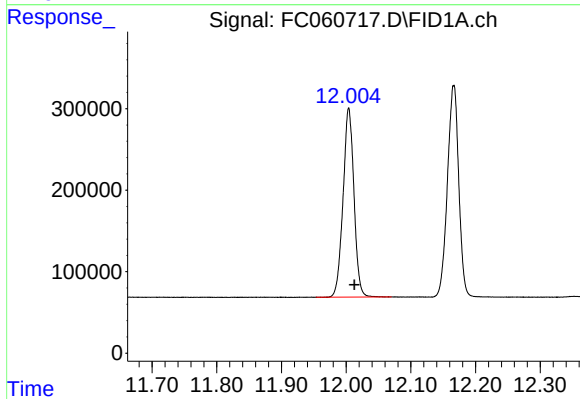
#10 n-Eicosane (C20)

R.T.: 11.568 min
Delta R.T.: -0.008 min
Response: 3203101
Conc: 18.77 ug/ml



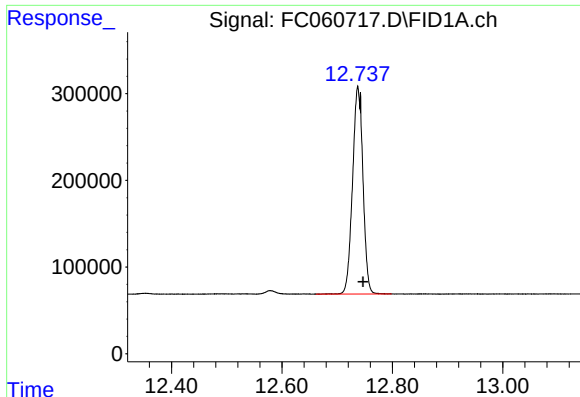
#11 n-Heneicosane (C21)

R.T.: 12.166 min
Delta R.T.: -0.008 min
Response: 3159276
Conc: 18.53 ug/ml



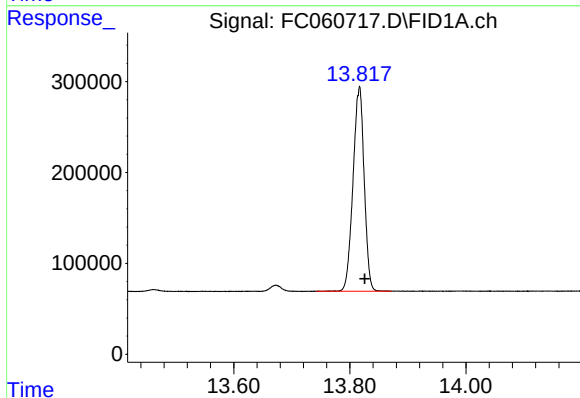
#12 1-chlorooctadecane (SURR)

R.T.: 12.004 min
Delta R.T.: -0.009 min
Response: 2716927
Conc: 18.43 ug/ml



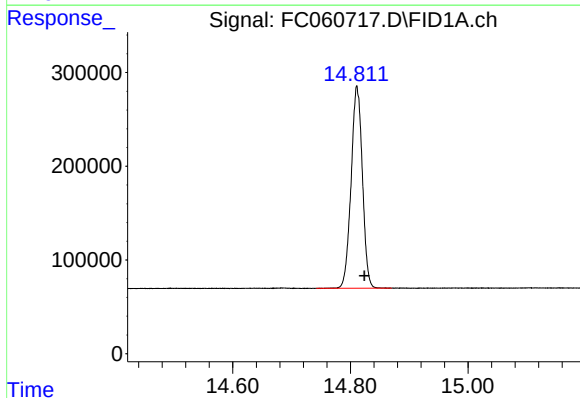
#13 n-Docosane (C22)

R.T.: 12.738 min
Delta R.T.: -0.009 min
Response: 3134030
Conc: 18.39 ug/ml



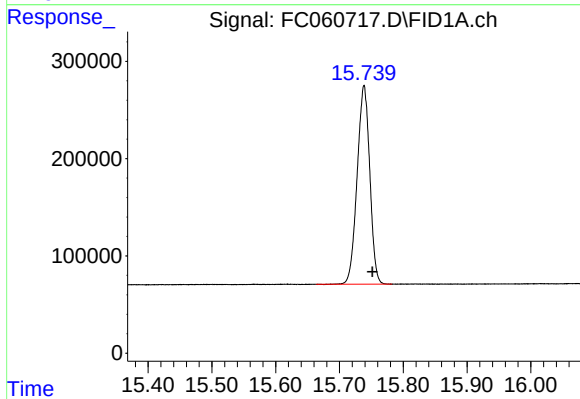
#14 n-Tetracosane (C24)

R.T.: 13.816 min
Delta R.T.: -0.009 min
Response: 3000510
Conc: 17.87 ug/ml



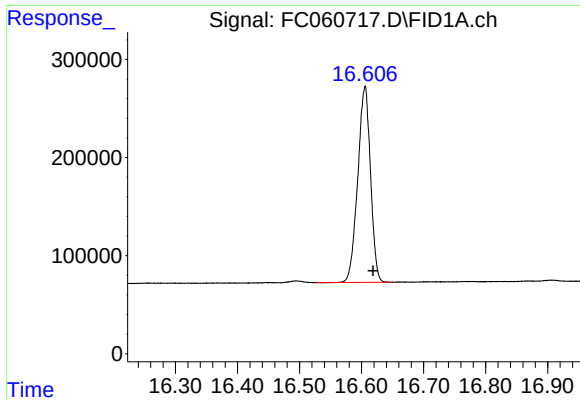
#15 n-Hexacosane (C26)

R.T.: 14.811 min
Delta R.T.: -0.012 min
Response: 2870447
Conc: 17.47 ug/ml



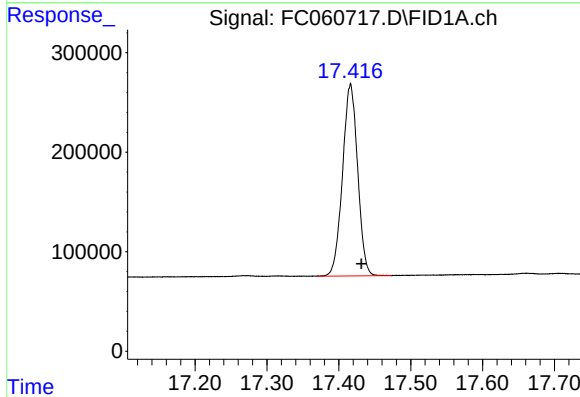
#16 n-Octacosane (C28)

R.T.: 15.738 min
Delta R.T.: -0.013 min
Response: 2811075
Conc: 17.72 ug/ml



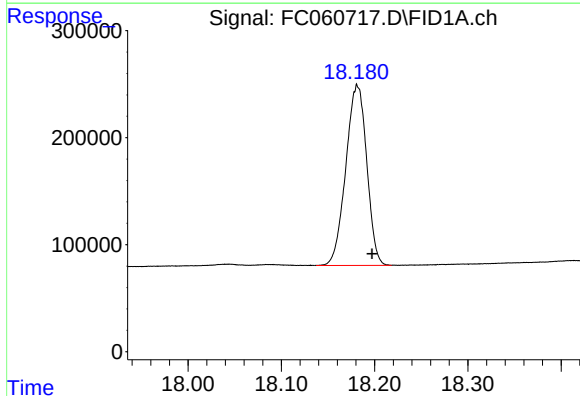
#17 n-Tricontane (C30)

R.T.: 16.605 min
Delta R.T.: -0.013 min
Response: 2854694
Conc: 18.75 ug/ml



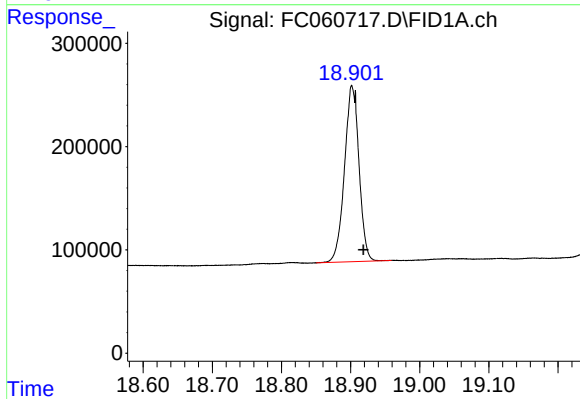
#18 n-Dotriacontane (C32)

R.T.: 17.416 min
Delta R.T.: -0.015 min
Response: 2812961
Conc: 19.35 ug/ml



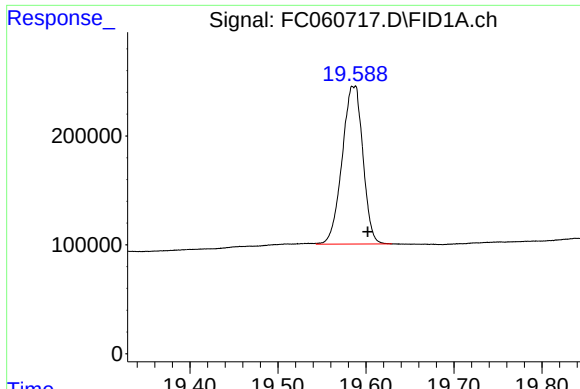
#19 n-Tetratriacontane (C34)

R.T.: 18.180 min
Delta R.T.: -0.017 min
Response: 2628308
Conc: 20.69 ug/ml m



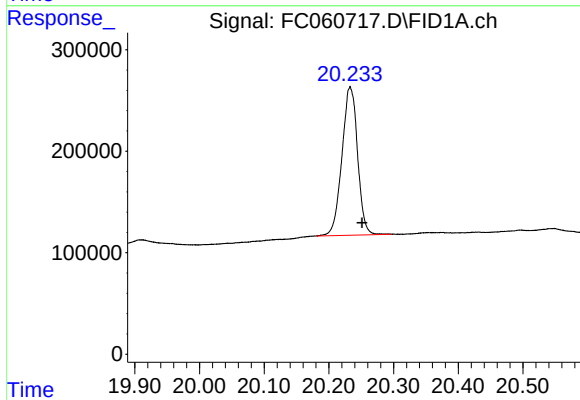
#20 n-Hexatriacontane (C36)

R.T.: 18.903 min
Delta R.T.: -0.016 min
Response: 2490742
Conc: 22.19 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.588 min
Delta R.T.: -0.014 min
Response: 2373598
Conc: 21.68 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 20.233 min
Delta R.T.: -0.018 min
Response: 2450970
Conc: 21.70 ug/ml