

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC071318AL\
 Data File : FC035360.D
 Signal(s) : FID1A.CH
 Acq On : 14 Jul 2018 12:45
 Operator : AJ\SJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 16 03:22:39 2018
 Quant Method : Z:\PESTPCBSRV\HPCHEM1\FID_C\Method\Alaphatic EPH 062518.M
 Quant Title : GC Extractables
 QLast Update : Mon Jun 25 14:27:40 2018
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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)	11.439	2290549	22.247 ug/ml
Spiked Amount 50.000		Recovery =	44.49%
12) S 1-chlorooctadecane (S...	12.879	1815655	22.684 ug/mlm
Spiked Amount 50.000		Recovery =	45.37%
Target Compounds			
1) T n-Nonane (C9)	3.233	1563823	18.649 ug/ml
2) T n-Decane (C10)	4.301	1628575	19.431 ug/ml
3) T A~Naphthalene (C11.7)	5.876	1951457	20.566 ug/ml
4) T n-Dodecane (C12)	6.316	1771091	20.520 ug/ml
5) T A~2-methylnaphthalene...	6.928	2041210	21.197 ug/ml
6) T n-Tetradecane (C14)	8.103	1924058	21.577 ug/ml
7) T n-Hexadecane (C16)	9.697	2056162	22.412 ug/ml
8) T n-Octadecane (C18)	11.133	2122206	22.487 ug/ml
10) T n-Eicosane (C20)	12.438	2228912	23.114 ug/ml
11) T n-Heneicosane (C21)	13.047	2197492	23.132 ug/mlm
13) T n-Docosane (C22)	13.633	2251165	23.587 ug/ml
14) T n-Tetracosane (C24)	14.732	2284248	23.931 ug/mlm
15) T n-Hexacosane (C26)	15.751	2342785	24.782 ug/ml
16) T n-Octacosane (C28)	16.697	2431233	25.859 ug/mlm
17) T n-Tricontane (C30)	17.582	2482762	27.020 ug/mlm
18) T n-Dotriacontane (C32)	18.413	2534344	28.542 ug/ml
19) T n-Tetratriacontane (C34)	19.195	2374192	26.240 ug/mlm
20) T n-Hexatriacontane (C36)	19.933	2273702	25.359 ug/mlm
21) T n-Octatriacontane (C38)	20.649	2240774	24.296 ug/mlm
22) T n-Tetracontane (C40)	21.510	2283424	24.296 ug/mlm

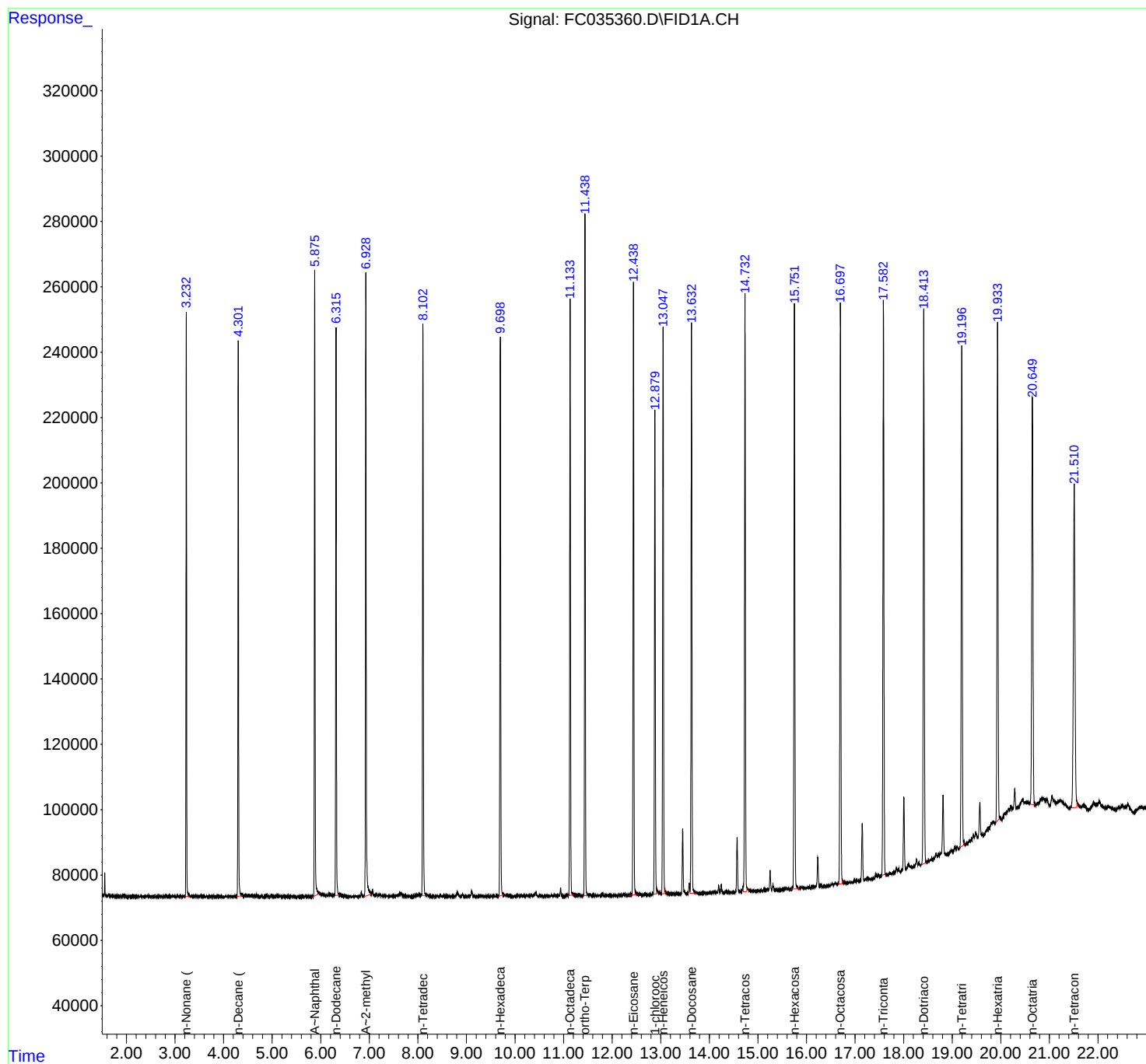
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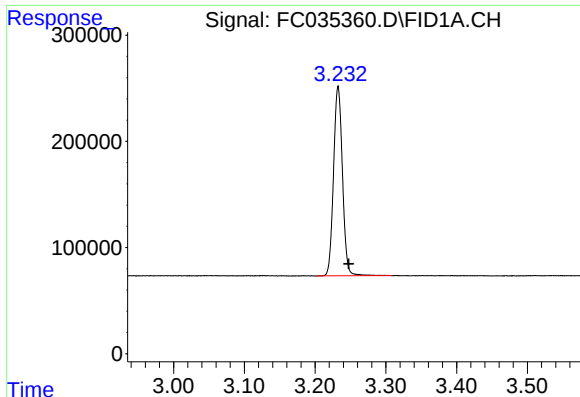
(m)=manual int.

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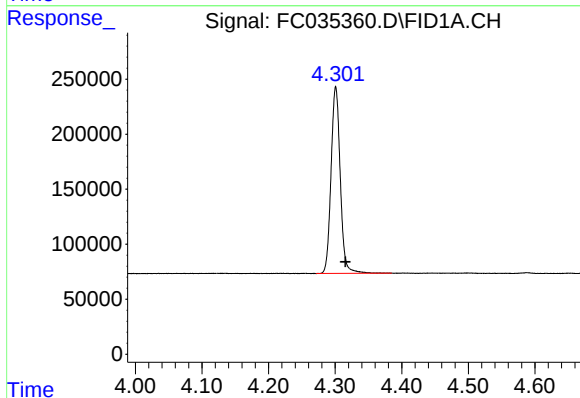
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Signal Info : 20M x 0.18mm x 0.18um





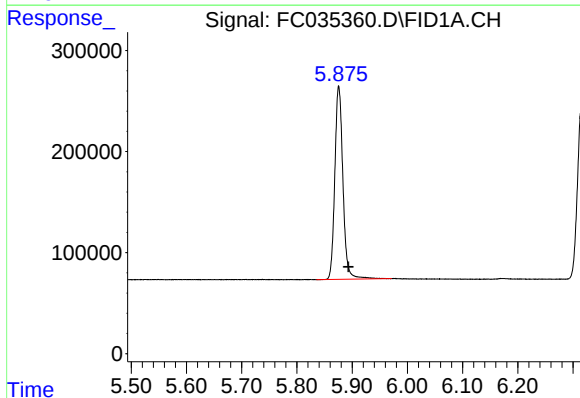
#1 n-Nonane (C9)

R.T.: 3.233 min
Delta R.T.: -0.015 min
Response: 1563823
Conc: 18.65 ug/ml



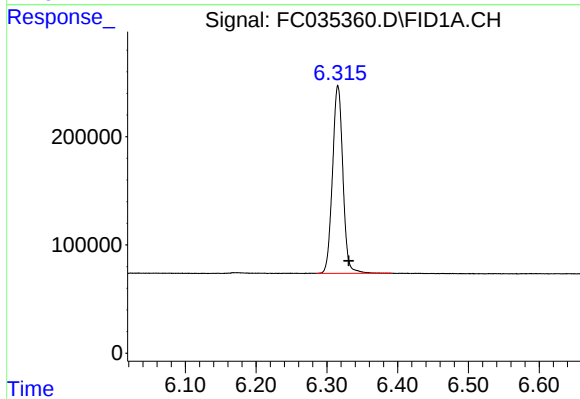
#2 n-Decane (C10)

R.T.: 4.301 min
Delta R.T.: -0.015 min
Response: 1628575
Conc: 19.43 ug/ml



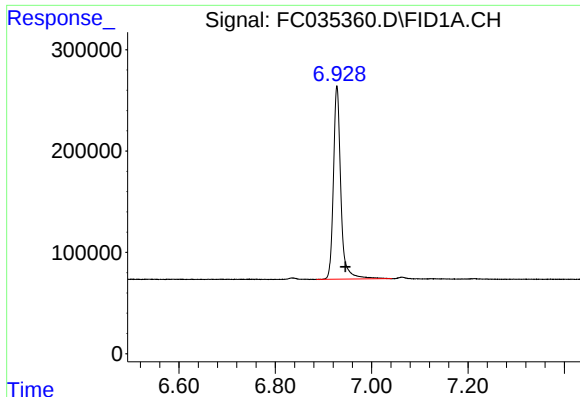
#3 A~Naphthalene (C11.7)

R.T.: 5.876 min
Delta R.T.: -0.017 min
Response: 1951457
Conc: 20.57 ug/ml



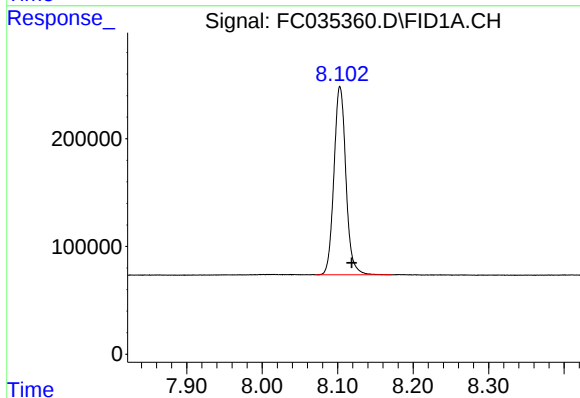
#4 n-Dodecane (C12)

R.T.: 6.316 min
Delta R.T.: -0.015 min
Response: 1771091
Conc: 20.52 ug/ml



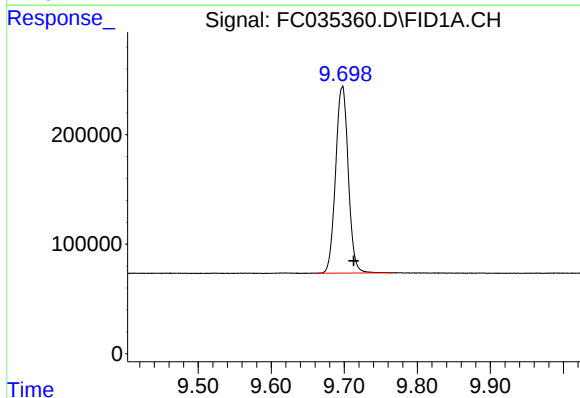
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.928 min
Delta R.T.: -0.018 min
Response: 2041210
Conc: 21.20 ug/ml



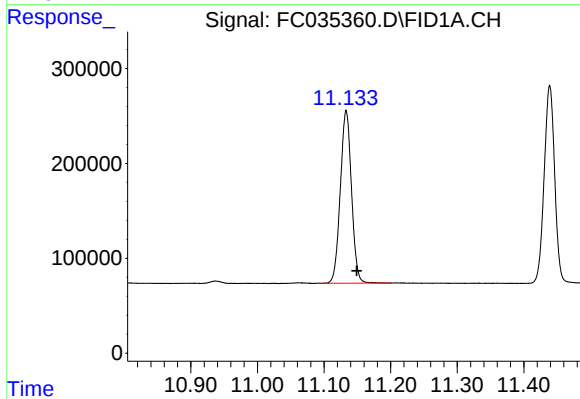
#6 n-Tetradecane (C14)

R.T.: 8.103 min
Delta R.T.: -0.016 min
Response: 1924058
Conc: 21.58 ug/ml



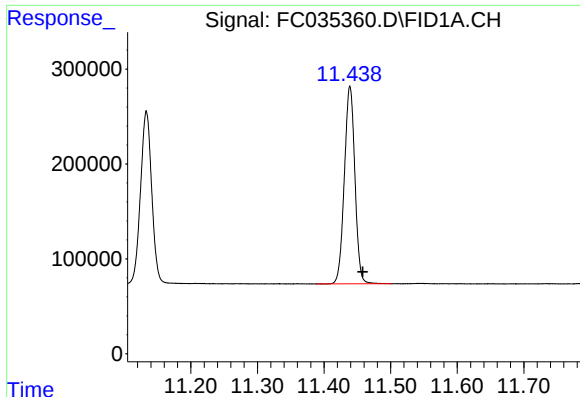
#7 n-Hexadecane (C16)

R.T.: 9.697 min
Delta R.T.: -0.016 min
Response: 2056162
Conc: 22.41 ug/ml



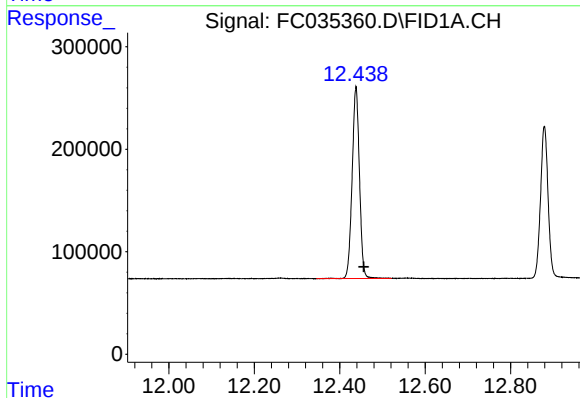
#8 n-Octadecane (C18)

R.T.: 11.133 min
Delta R.T.: -0.016 min
Response: 2122206
Conc: 22.49 ug/ml



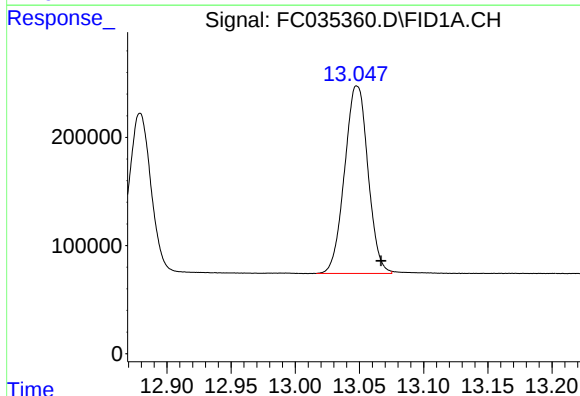
#9 ortho-Terphenyl (SURR)

R.T.: 11.439 min
Delta R.T.: -0.019 min
Response: 2290549
Conc: 22.25 ug/ml



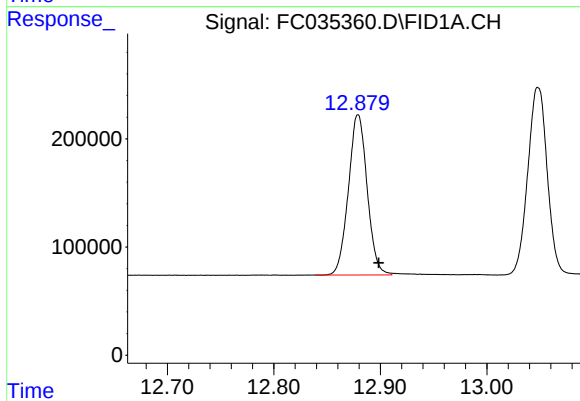
#10 n-Eicosane (C20)

R.T.: 12.438 min
Delta R.T.: -0.018 min
Response: 2228912
Conc: 23.11 ug/ml



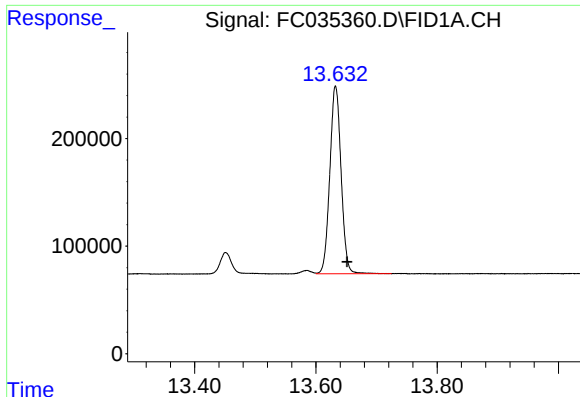
#11 n-Heneicosane (C21)

R.T.: 13.047 min
Delta R.T.: -0.020 min
Response: 2197492
Conc: 23.13 ug/ml m



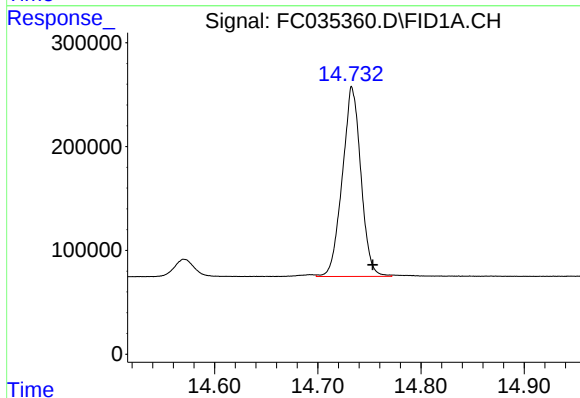
#12 1-chlorooctadecane (SURR)

R.T.: 12.879 min
Delta R.T.: -0.020 min
Response: 1815655
Conc: 22.68 ug/ml m



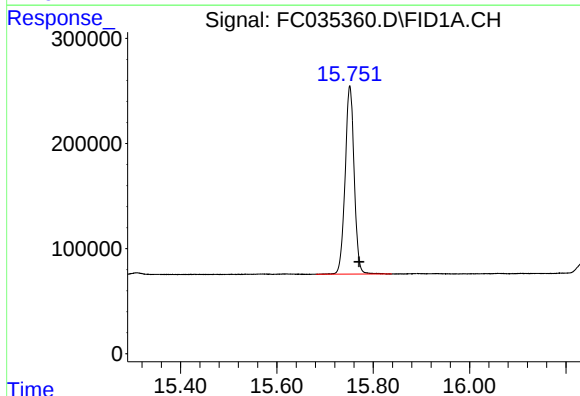
#13 n-Docosane (C22)

R.T.: 13.633 min
Delta R.T.: -0.019 min
Response: 2251165
Conc: 23.59 ug/ml



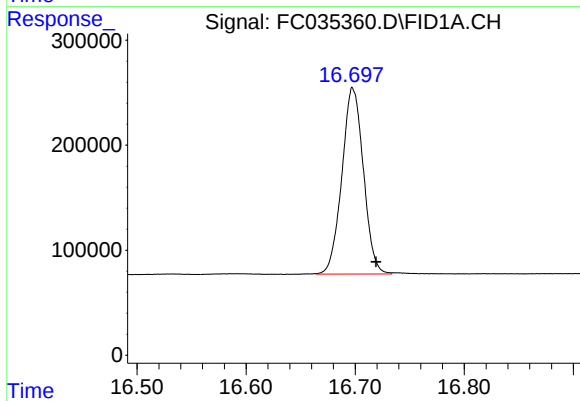
#14 n-Tetracosane (C24)

R.T.: 14.732 min
Delta R.T.: -0.021 min
Response: 2284248
Conc: 23.93 ug/ml m



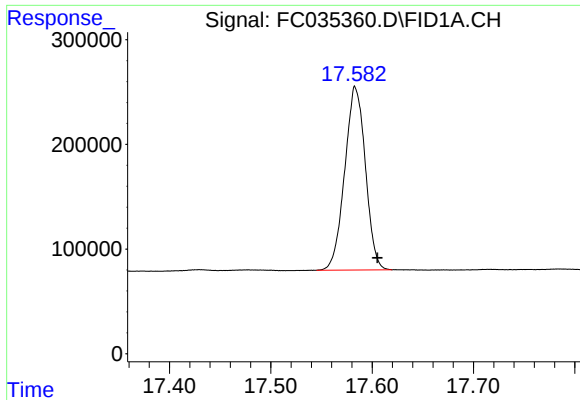
#15 n-Hexacosane (C26)

R.T.: 15.751 min
Delta R.T.: -0.019 min
Response: 2342785
Conc: 24.78 ug/ml



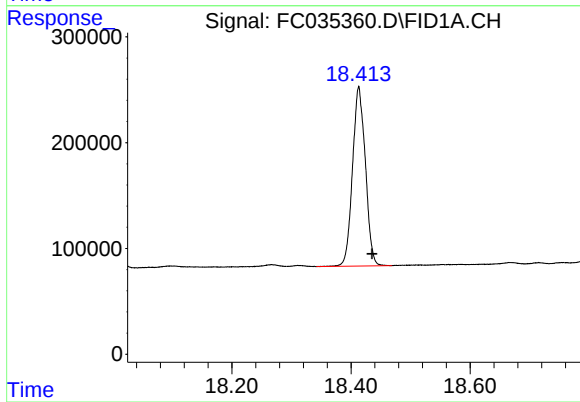
#16 n-Octacosane (C28)

R.T.: 16.697 min
Delta R.T.: -0.022 min
Response: 2431233
Conc: 25.86 ug/ml m



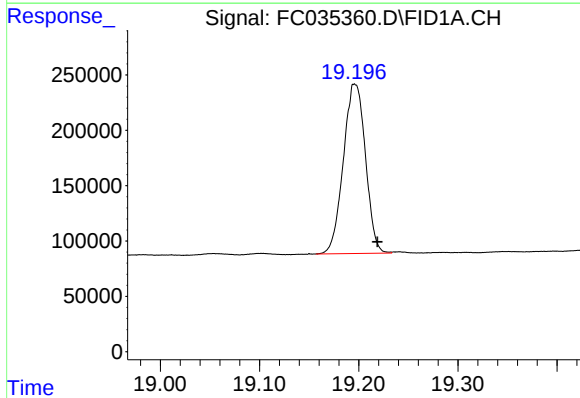
#17 n-Tricontane (C30)

R.T.: 17.582 min
Delta R.T.: -0.023 min
Response: 2482762
Conc: 27.02 ug/ml m



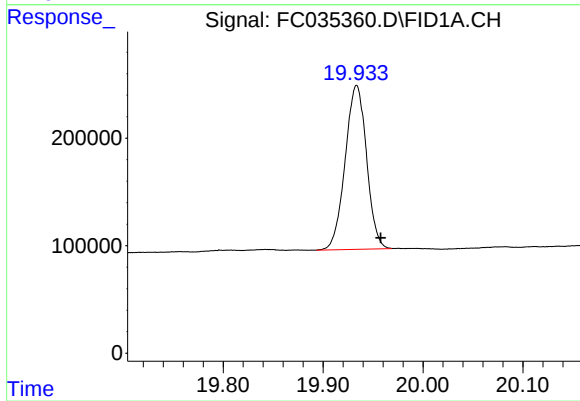
#18 n-Dotriacontane (C32)

R.T.: 18.413 min
Delta R.T.: -0.022 min
Response: 2534344
Conc: 28.54 ug/ml



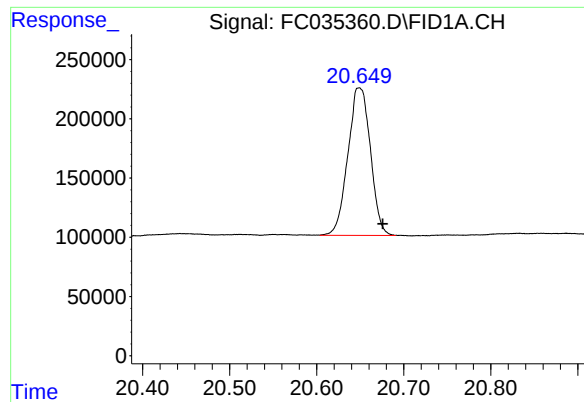
#19 n-Tetratriacontane (C34)

R.T.: 19.195 min
Delta R.T.: -0.023 min
Response: 2374192
Conc: 26.24 ug/ml m



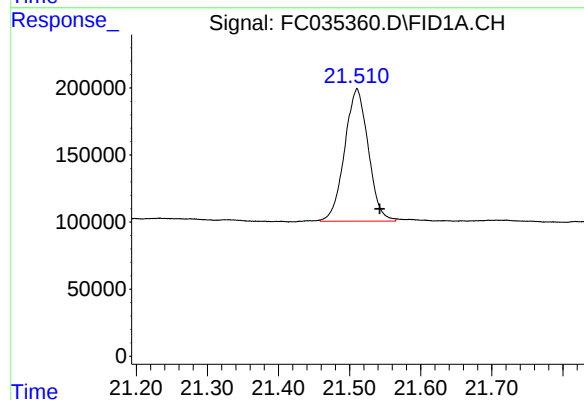
#20 n-Hexatriacontane (C36)

R.T.: 19.933 min
Delta R.T.: -0.024 min
Response: 2273702
Conc: 25.36 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.649 min
Delta R.T.: -0.027 min
Response: 2240774
Conc: 24.30 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.510 min
Delta R.T.: -0.033 min
Response: 2283424
Conc: 24.30 ug/ml m