

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC052722AL\
 Data File : FC059929.D
 Signal(s) : FID1A.CH
 Acq On : 27 May 2022 11:49
 Operator : UA/NP
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: May 28 05:58:57 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052722.M
 Quant Title : GC Extractables
 QLast Update : Sat May 28 05:57:04 2022
 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)	10.663	14935100	94.605 ug/ml
Spiked Amount 50.000		Recovery =	189.21%
12) S 1-chlorooctadecane (S...	12.033	11808920	93.400 ug/ml
Spiked Amount 50.000		Recovery =	186.80%
Target Compounds			
1) T n-Nonane (C9)	2.627	12391949	94.540 ug/ml
2) T n-Decane (C10)	3.627	12398987	94.486 ug/ml
3) T A~Naphthalene (C11.7)	5.163	14315372	96.318 ug/ml
4) T n-Dodecane (C12)	5.584	12874510	94.571 ug/ml
5) T A~2-methylnaphthalene...	6.190	14602922	96.814 ug/ml
6) T n-Tetradecane (C14)	7.338	13174763	94.422 ug/ml
7) T n-Hexadecane (C16)	8.904	13491267	94.326 ug/ml
8) T n-Octadecane (C18)	10.319	13699005	94.122 ug/ml
10) T n-Eicosane (C20)	11.598	13569145	93.795 ug/ml
11) T n-Heneicosane (C21)	12.198	13585966	93.503 ug/ml
13) T n-Docosane (C22)	12.771	13508364	93.285 ug/ml
14) T n-Tetracosane (C24)	13.850	13242520	93.062 ug/ml
15) T n-Hexacosane (C26)	14.849	12759812	92.515 ug/ml
16) T n-Octacosane (C28)	15.778	12209193	92.002 ug/ml
17) T n-Tricontane (C30)	16.646	11430772	91.448 ug/ml
18) T n-Dotriacontane (C32)	17.459	10378683	91.101 ug/ml
19) T n-Tetratriacontane (C34)	18.223	9519681	91.251 ug/ml
20) T n-Hexatriacontane (C36)	18.947	8904698	92.199 ug/ml
21) T n-Octatriacontane (C38)	19.630	8670659	92.367 ug/ml
22) T n-Tetracontane (C40)	20.280	8860436	92.539 ug/ml

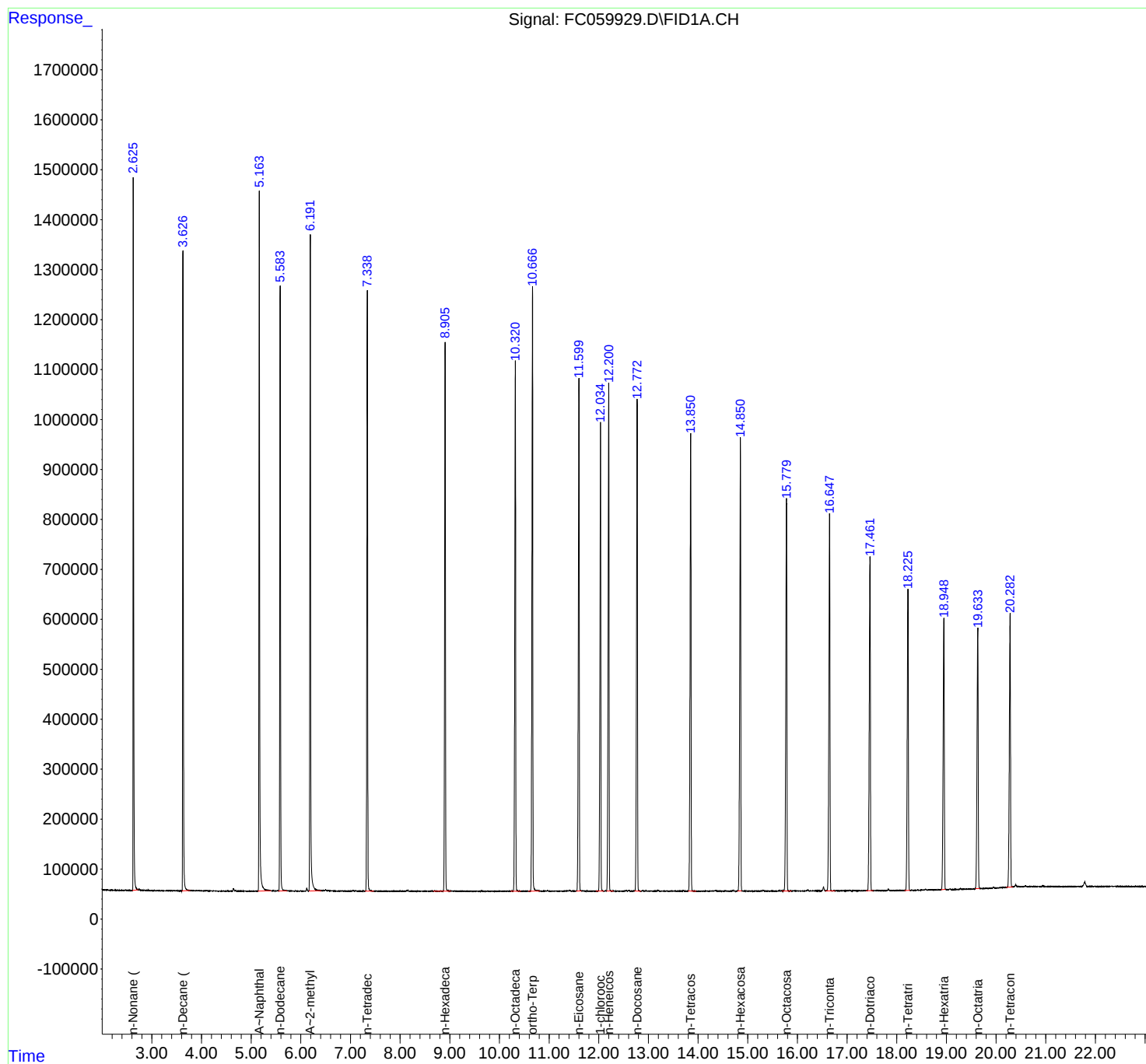
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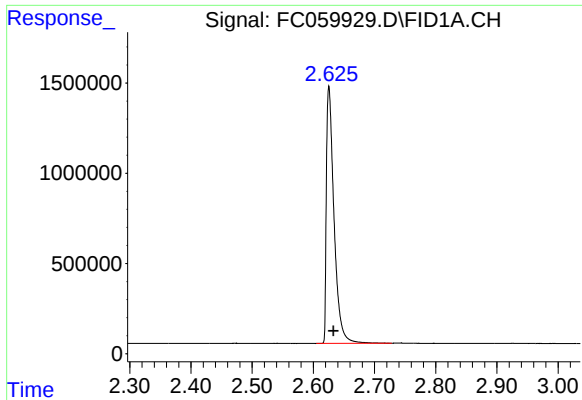
(m)=manual int.

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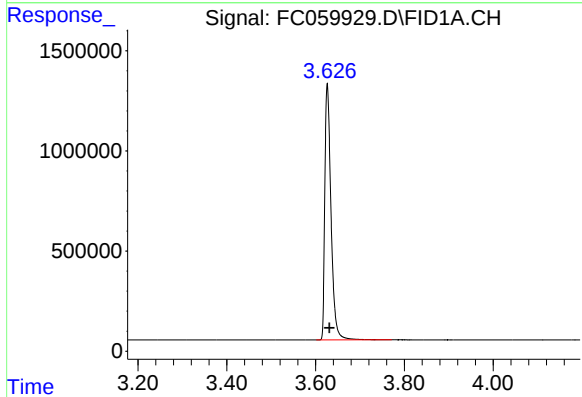
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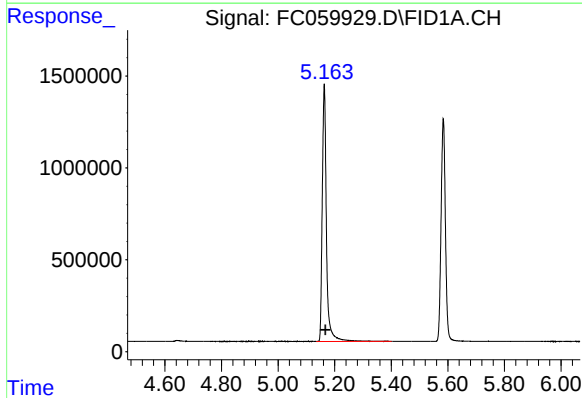
#1 n-Nonane (C9)

R.T.: 2.627 min
Delta R.T.: -0.006 min
Response: 12391949
Conc: 94.54 ug/ml



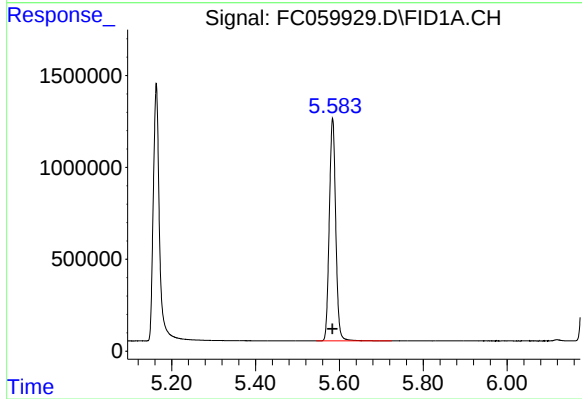
#2 n-Decane (C10)

R.T.: 3.627 min
Delta R.T.: -0.004 min
Response: 12398987
Conc: 94.49 ug/ml



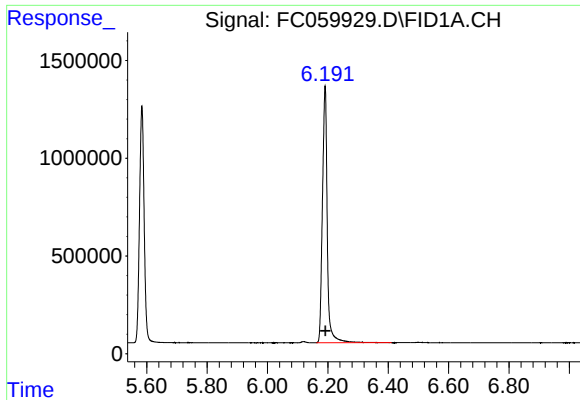
#3 A~Naphthalene (C11.7)

R.T.: 5.163 min
Delta R.T.: -0.004 min
Response: 14315372
Conc: 96.32 ug/ml



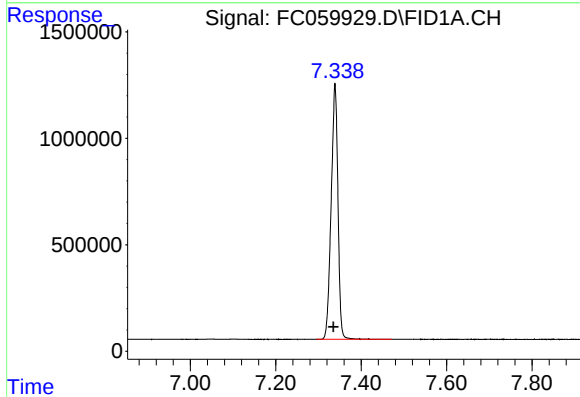
#4 n-Dodecane (C12)

R.T.: 5.584 min
Delta R.T.: 0.000 min
Response: 12874510
Conc: 94.57 ug/ml



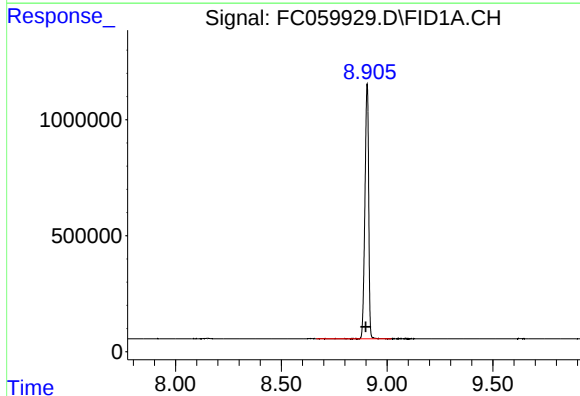
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.190 min
Delta R.T.: -0.003 min
Response: 14602922
Conc: 96.81 ug/ml



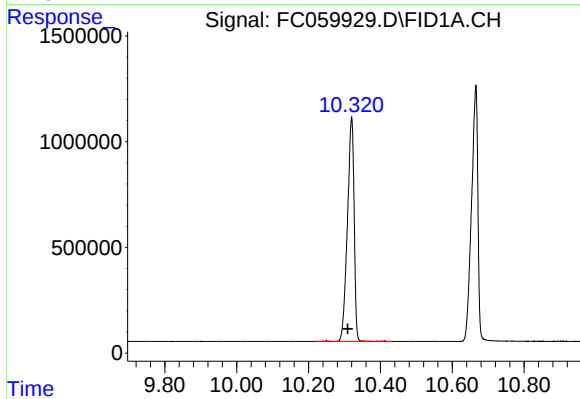
#6 n-Tetradecane (C14)

R.T.: 7.338 min
Delta R.T.: 0.003 min
Response: 13174763
Conc: 94.42 ug/ml



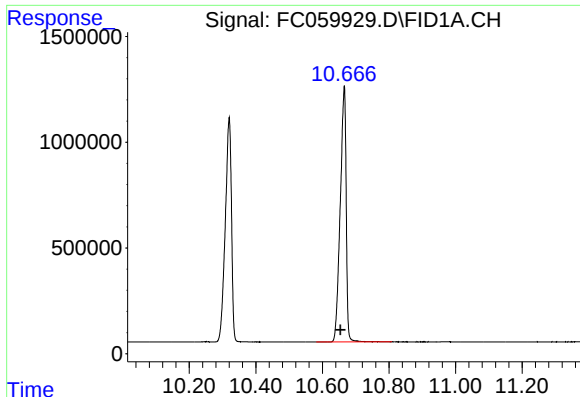
#7 n-Hexadecane (C16)

R.T.: 8.904 min
Delta R.T.: 0.004 min
Response: 13491267
Conc: 94.33 ug/ml



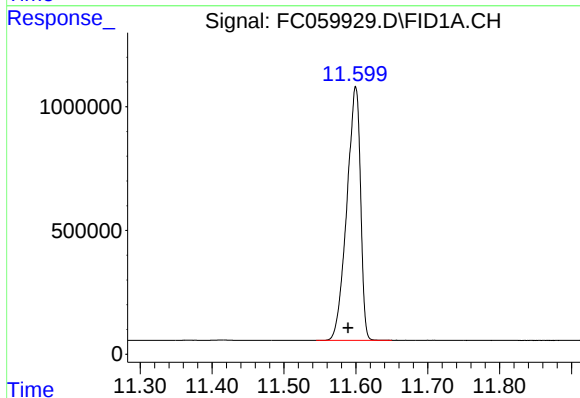
#8 n-Octadecane (C18)

R.T.: 10.319 min
Delta R.T.: 0.010 min
Response: 13699005
Conc: 94.12 ug/ml



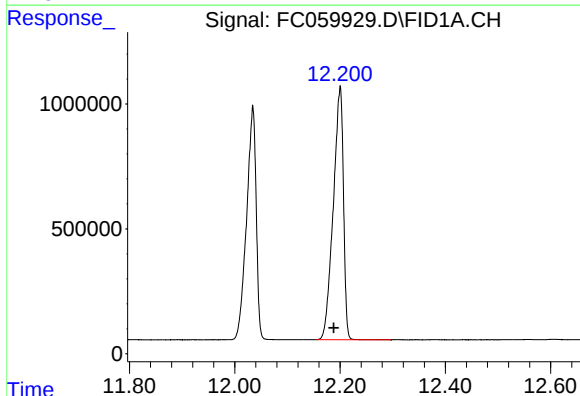
#9 ortho-Terphenyl (SURR)

R.T.: 10.663 min
Delta R.T.: 0.009 min
Response: 14935100
Conc: 94.60 ug/ml



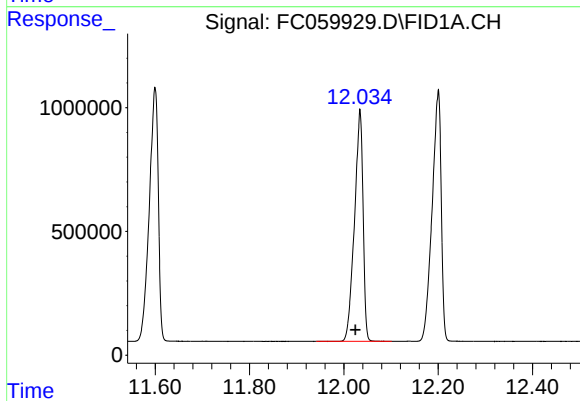
#10 n-Eicosane (C20)

R.T.: 11.598 min
Delta R.T.: 0.009 min
Response: 13569145
Conc: 93.79 ug/ml



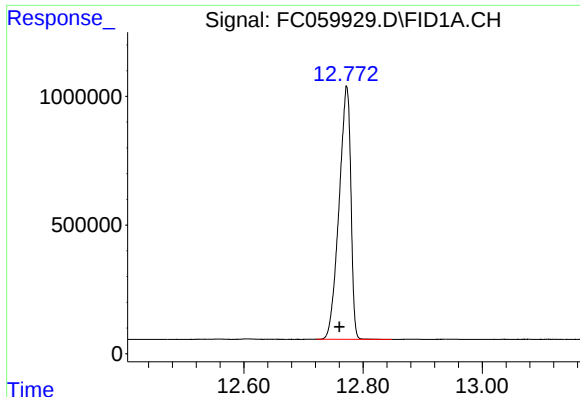
#11 n-Heneicosane (C21)

R.T.: 12.198 min
Delta R.T.: 0.010 min
Response: 13585966
Conc: 93.50 ug/ml



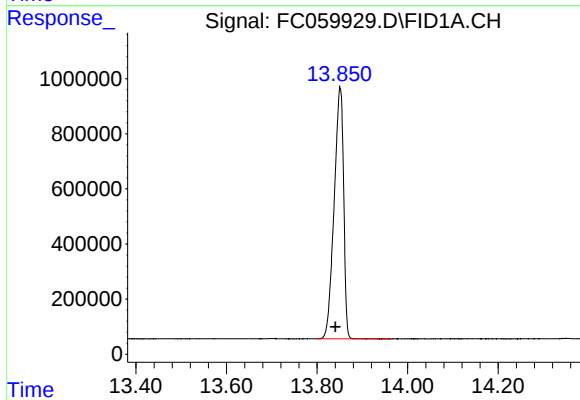
#12 1-chlorooctadecane (SURR)

R.T.: 12.033 min
Delta R.T.: 0.008 min
Response: 11808920
Conc: 93.40 ug/ml



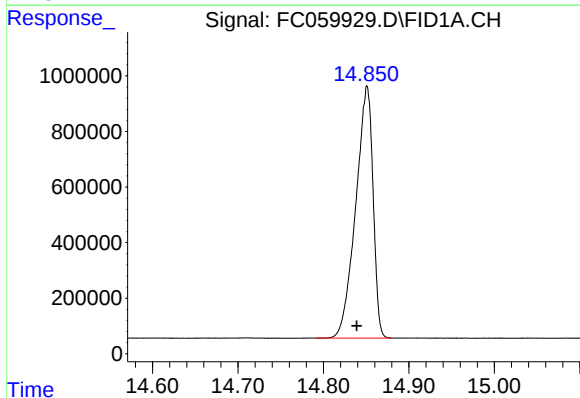
#13 n-Docosane (C22)

R.T.: 12.771 min
Delta R.T.: 0.010 min
Response: 13508364
Conc: 93.28 ug/ml



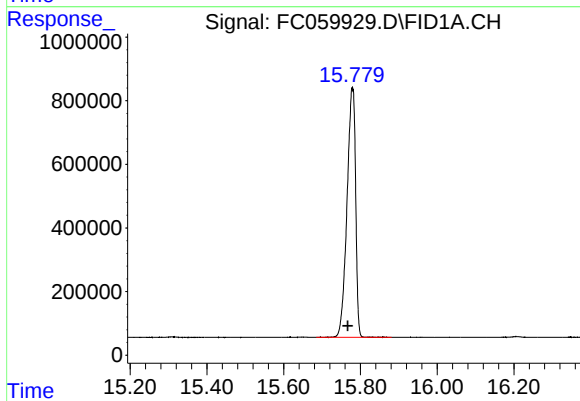
#14 n-Tetracosane (C24)

R.T.: 13.850 min
Delta R.T.: 0.009 min
Response: 13242520
Conc: 93.06 ug/ml



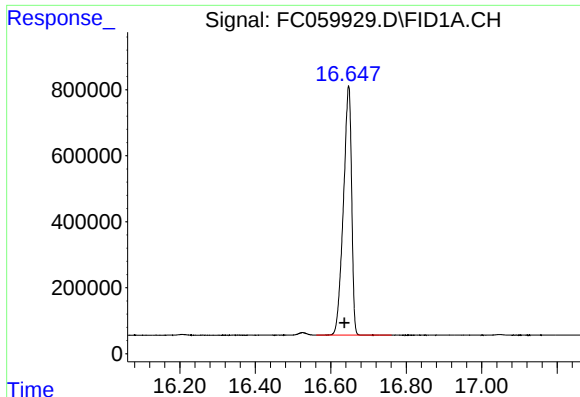
#15 n-Hexacosane (C26)

R.T.: 14.849 min
Delta R.T.: 0.011 min
Response: 12759812
Conc: 92.52 ug/ml



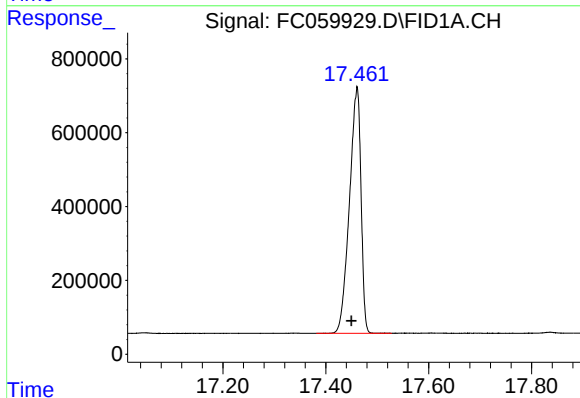
#16 n-Octacosane (C28)

R.T.: 15.778 min
Delta R.T.: 0.011 min
Response: 12209193
Conc: 92.00 ug/ml



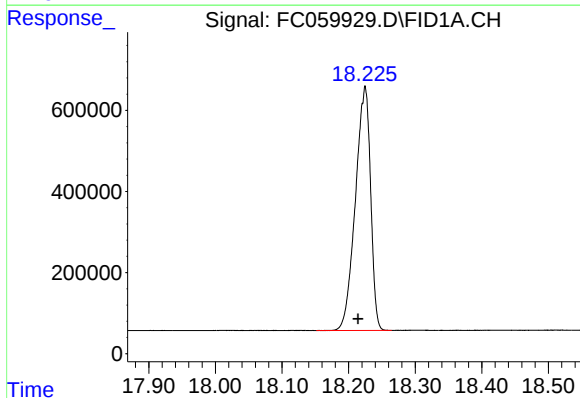
#17 n-Tricontane (C30)

R.T.: 16.646 min
Delta R.T.: 0.010 min
Response: 11430772
Conc: 91.45 ug/ml



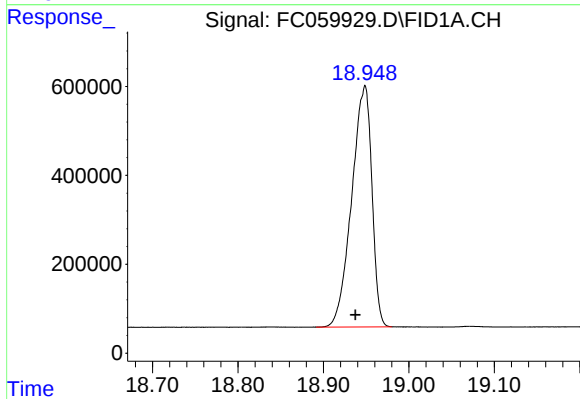
#18 n-Dotriacontane (C32)

R.T.: 17.459 min
Delta R.T.: 0.009 min
Response: 10378683
Conc: 91.10 ug/ml



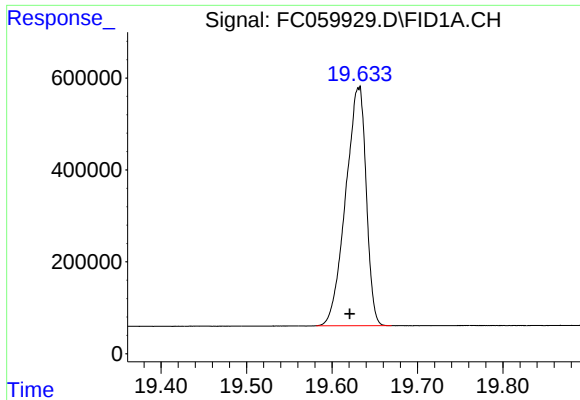
#19 n-Tetratriacontane (C34)

R.T.: 18.223 min
Delta R.T.: 0.009 min
Response: 9519681
Conc: 91.25 ug/ml



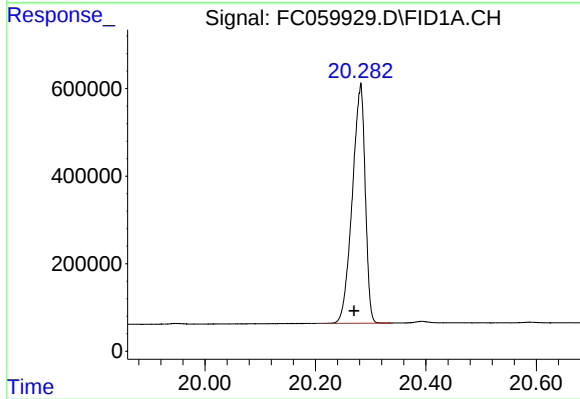
#20 n-Hexatriacontane (C36)

R.T.: 18.947 min
Delta R.T.: 0.009 min
Response: 8904698
Conc: 92.20 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.630 min
Delta R.T.: 0.009 min
Response: 8670659
Conc: 92.37 ug/ml



#22 n-Tetracontane (C40)

R.T.: 20.280 min
Delta R.T.: 0.010 min
Response: 8860436
Conc: 92.54 ug/ml