

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC052422AL\
 Data File : FC059896.D
 Signal(s) : FID1A.CH
 Acq On : 24 May 2022 11:53
 Operator : UA/NP
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: May 24 12:35:10 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050522.M
 Quant Title : GC Extractables
 QLast Update : Mon May 09 11:12:42 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)	10.644	3370691	22.954 ug/ml
Spiked Amount 50.000		Recovery =	45.91%
12) S 1-chlorooctadecane (S...	12.014	2646098	22.994 ug/ml
Spiked Amount 50.000		Recovery =	45.99%
Target Compounds			
1) T n-Nonane (C9)	2.622	2875944	22.521 ug/ml
2) T n-Decane (C10)	3.621	2893112	22.844 ug/ml
3) T A~Naphthalene (C11.7)	5.157	3365657	22.858 ug/ml
4) T n-Dodecane (C12)	5.575	3011745	22.902 ug/ml
5) T A~2-methylnaphthalene...	6.181	3420289	22.754 ug/ml
6) T n-Tetradecane (C14)	7.326	3098331	23.026 ug/ml
7) T n-Hexadecane (C16)	8.890	3181312	23.185 ug/ml
8) T n-Octadecane (C18)	10.300	3194877	23.184 ug/ml
10) T n-Eicosane (C20)	11.579	3123900	23.227 ug/ml
11) T n-Heneicosane (C21)	12.178	3076374	23.061 ug/ml
13) T n-Docosane (C22)	12.751	3020497	23.015 ug/ml
14) T n-Tetracosane (C24)	13.828	2934646	23.324 ug/ml
15) T n-Hexacosane (C26)	14.826	2724629	22.814 ug/ml
16) T n-Octacosane (C28)	15.754	2586092	22.716 ug/ml
17) T n-Tricontane (C30)	16.621	2504965	22.788 ug/ml
18) T n-Dotriacontane (C32)	17.433	2293227	22.182 ug/ml
19) T n-Tetratriacontane (C34)	18.198	2069203	21.194 ug/ml
20) T n-Hexatriacontane (C36)	18.921	1753448	18.888 ug/ml
21) T n-Octatriacontane (C38)	19.604	1530750	16.080 ug/ml
22) T n-Tetracontane (C40)	20.253	1470418	15.533 ug/ml

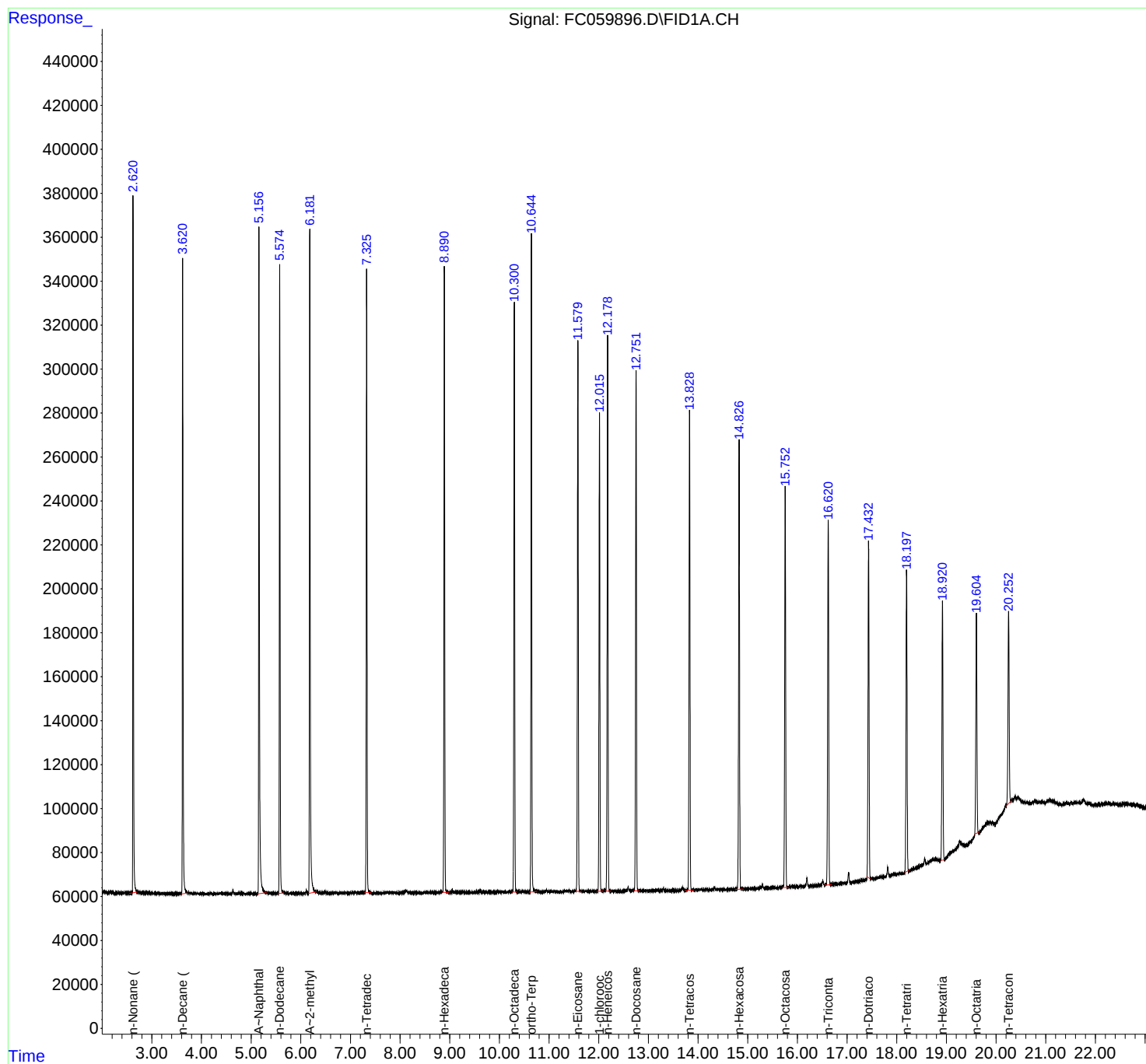
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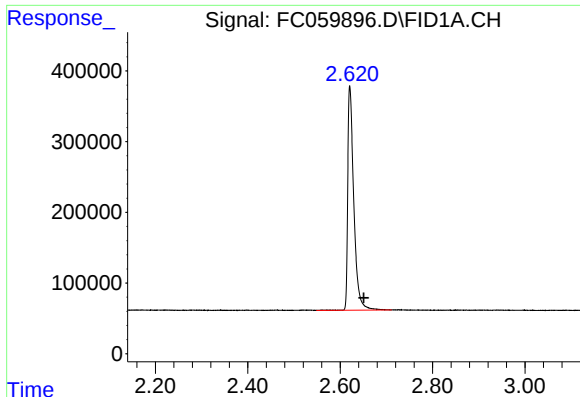
(m)=manual int.

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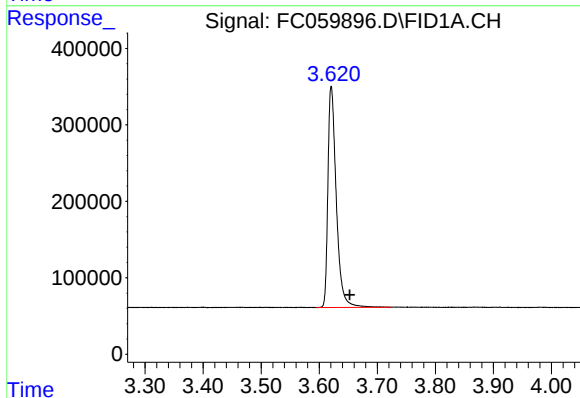
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Signal Info : 20M x 0.18mm x 0.18um





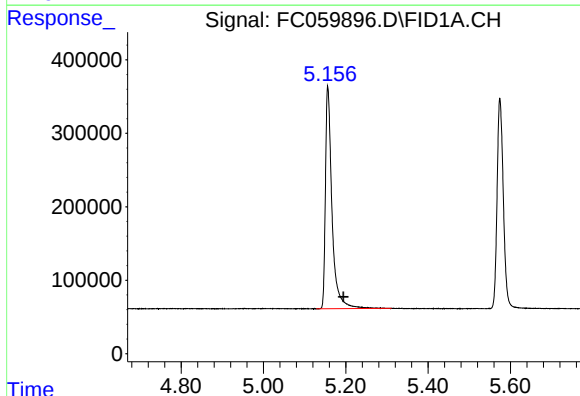
#1 n-Nonane (C9)

R.T.: 2.622 min
Delta R.T.: -0.029 min
Response: 2875944
Conc: 22.52 ug/ml



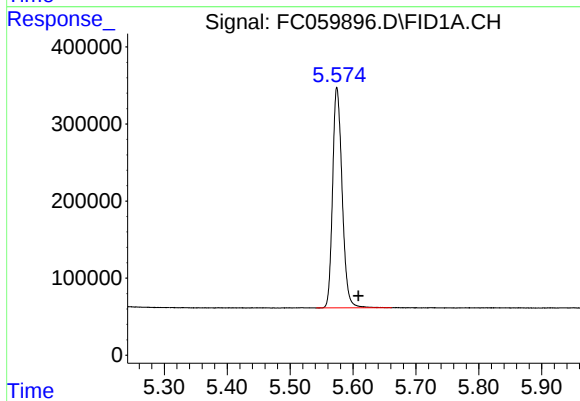
#2 n-Decane (C10)

R.T.: 3.621 min
Delta R.T.: -0.031 min
Response: 2893112
Conc: 22.84 ug/ml



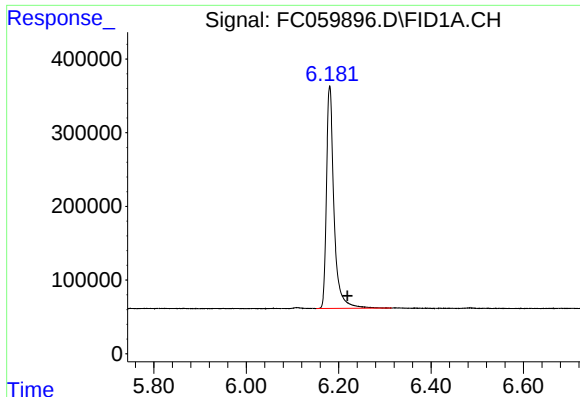
#3 A~Naphthalene (C11.7)

R.T.: 5.157 min
Delta R.T.: -0.037 min
Response: 3365657
Conc: 22.86 ug/ml



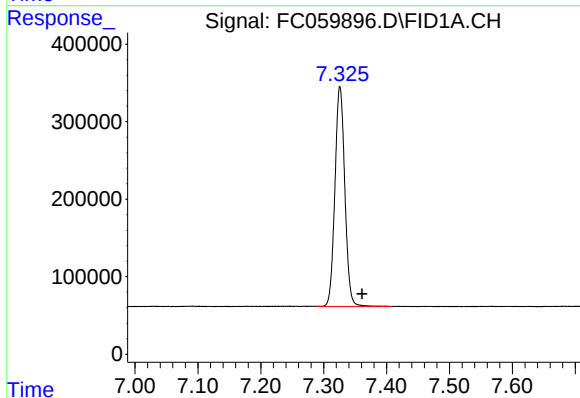
#4 n-Dodecane (C12)

R.T.: 5.575 min
Delta R.T.: -0.034 min
Response: 3011745
Conc: 22.90 ug/ml



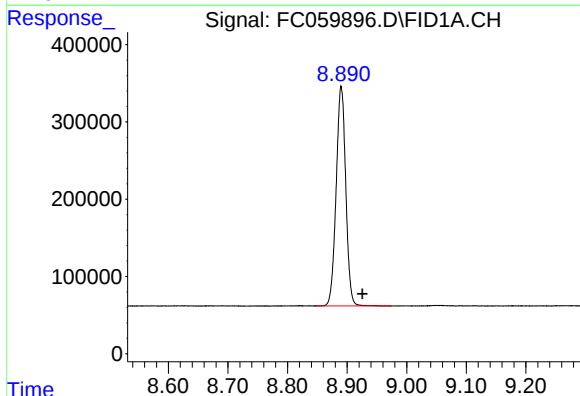
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.181 min
Delta R.T.: -0.038 min
Response: 3420289
Conc: 22.75 ug/ml



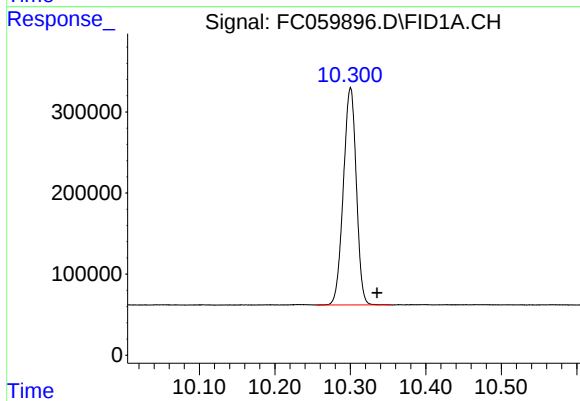
#6 n-Tetradecane (C14)

R.T.: 7.326 min
Delta R.T.: -0.035 min
Response: 3098331
Conc: 23.03 ug/ml



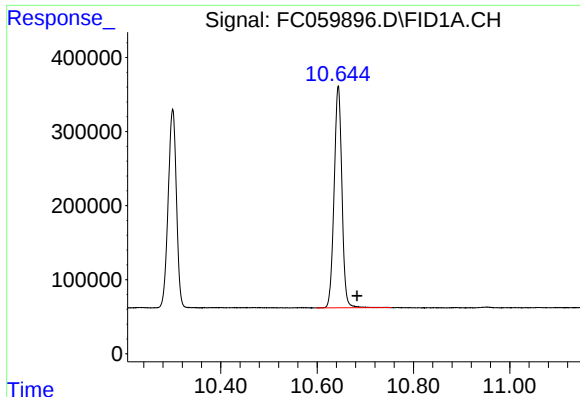
#7 n-Hexadecane (C16)

R.T.: 8.890 min
Delta R.T.: -0.035 min
Response: 3181312
Conc: 23.18 ug/ml



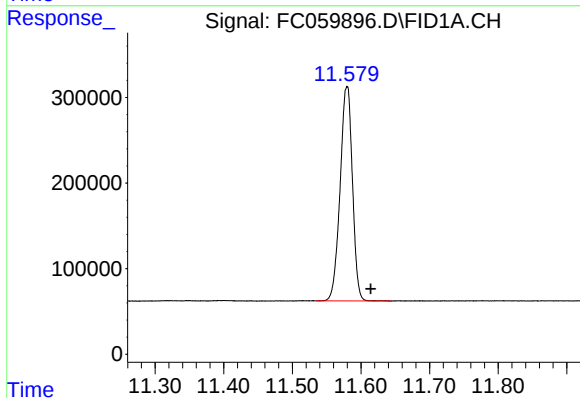
#8 n-Octadecane (C18)

R.T.: 10.300 min
Delta R.T.: -0.035 min
Response: 3194877
Conc: 23.18 ug/ml



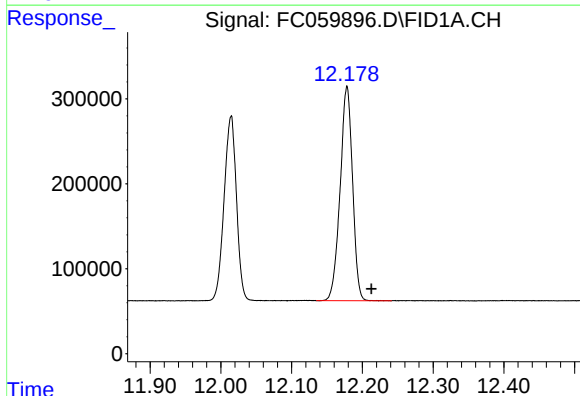
#9 ortho-Terphenyl (SURR)

R.T.: 10.644 min
Delta R.T.: -0.040 min
Response: 3370691
Conc: 22.95 ug/ml



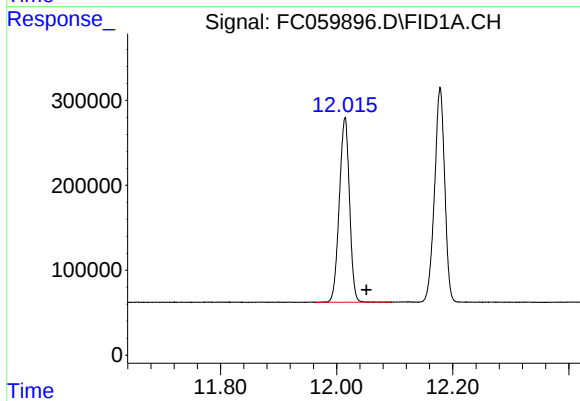
#10 n-Eicosane (C20)

R.T.: 11.579 min
Delta R.T.: -0.035 min
Response: 3123900
Conc: 23.23 ug/ml



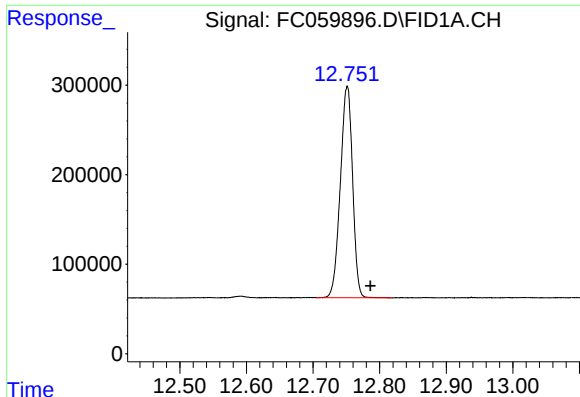
#11 n-Heneicosane (C21)

R.T.: 12.178 min
Delta R.T.: -0.035 min
Response: 3076374
Conc: 23.06 ug/ml



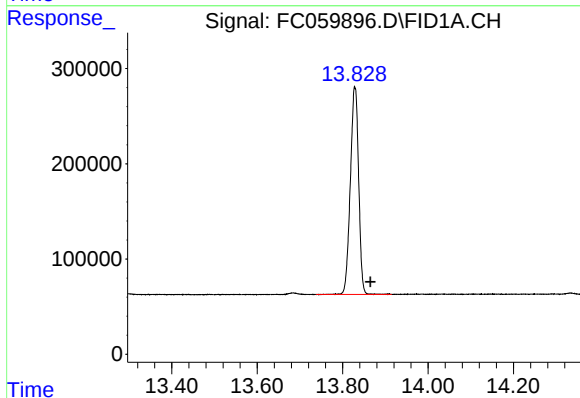
#12 1-chlorooctadecane (SURR)

R.T.: 12.014 min
Delta R.T.: -0.037 min
Response: 2646098
Conc: 22.99 ug/ml



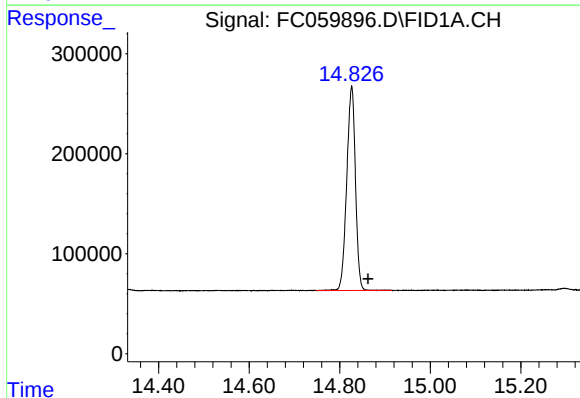
#13 n-Docosane (C22)

R.T.: 12.751 min
Delta R.T.: -0.036 min
Response: 3020497
Conc: 23.01 ug/ml



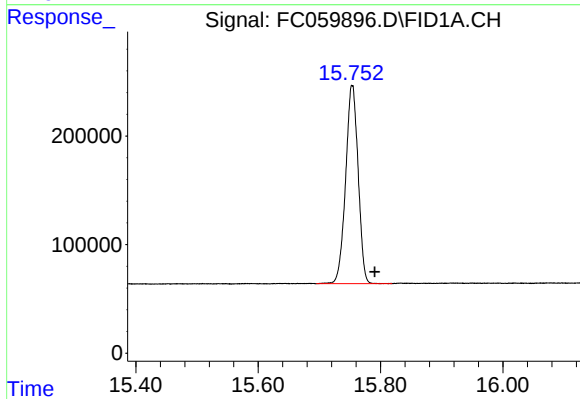
#14 n-Tetracosane (C24)

R.T.: 13.828 min
Delta R.T.: -0.036 min
Response: 2934646
Conc: 23.32 ug/ml



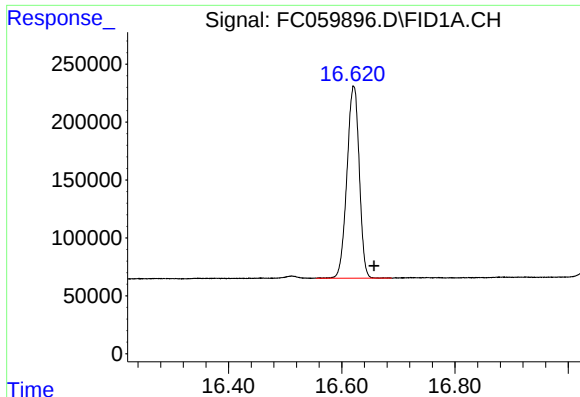
#15 n-Hexacosane (C26)

R.T.: 14.826 min
Delta R.T.: -0.037 min
Response: 2724629
Conc: 22.81 ug/ml



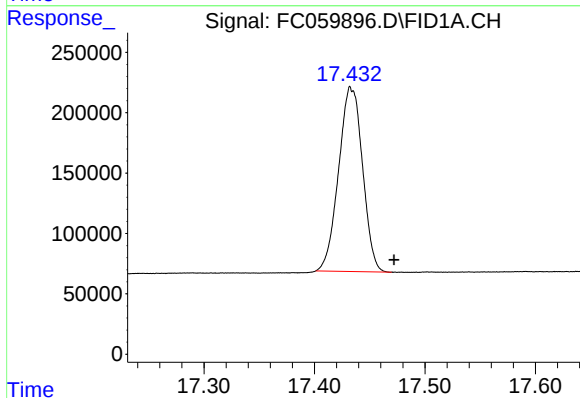
#16 n-Octacosane (C28)

R.T.: 15.754 min
Delta R.T.: -0.037 min
Response: 2586092
Conc: 22.72 ug/ml



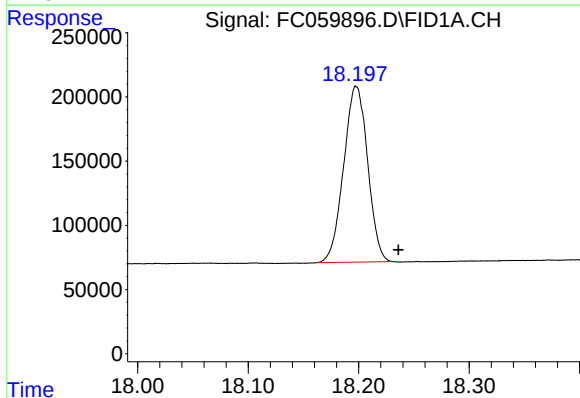
#17 n-Tricontane (C30)

R.T.: 16.621 min
Delta R.T.: -0.037 min
Response: 2504965
Conc: 22.79 ug/ml



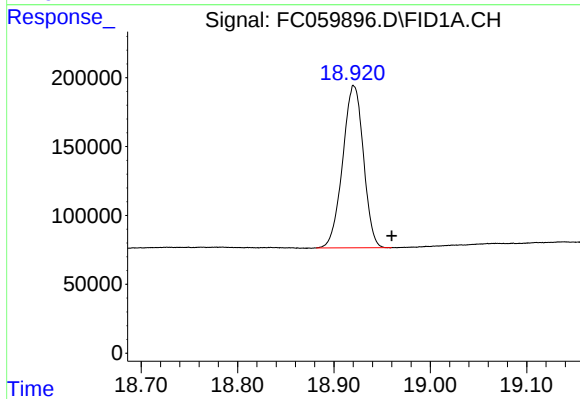
#18 n-Dotriacontane (C32)

R.T.: 17.433 min
Delta R.T.: -0.039 min
Response: 2293227
Conc: 22.18 ug/ml



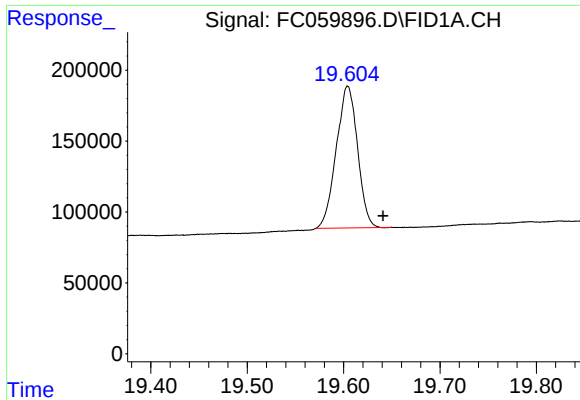
#19 n-Tetratriacontane (C34)

R.T.: 18.198 min
Delta R.T.: -0.038 min
Response: 2069203
Conc: 21.19 ug/ml



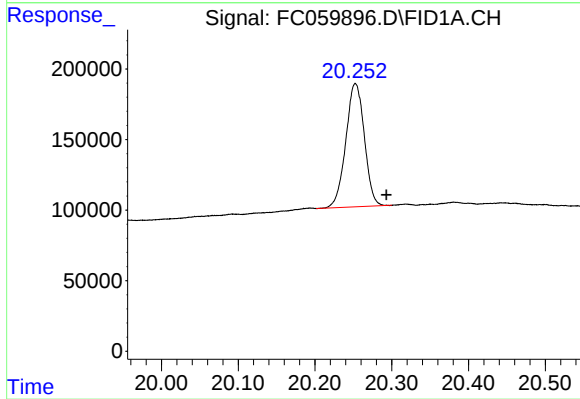
#20 n-Hexatriacontane (C36)

R.T.: 18.921 min
Delta R.T.: -0.039 min
Response: 1753448
Conc: 18.89 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.604 min
Delta R.T.: -0.037 min
Response: 1530750
Conc: 16.08 ug/ml



#22 n-Tetracontane (C40)

R.T.: 20.253 min
Delta R.T.: -0.040 min
Response: 1470418
Conc: 15.53 ug/ml