

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC050124AL\
 Data File : FC066279.D
 Signal(s) : FID1A.ch
 Acq On : 01 May 2024 16:29
 Operator : YP/AJ
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 10 PPM ALIPHATIC HC STD4

Integration File: autoint1.e
 Quant Time: May 02 08:59:51 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050124.M
 Quant Title : GC Extractables
 QLast Update : Thu May 02 08:48:13 2024
 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)	11.561	1571013	9.421 ug/ml
Spiked Amount 50.000		Recovery =	18.84%
12) S 1-chlorooctadecane (S...	13.000	1195681	9.707 ug/ml
Spiked Amount 50.000		Recovery =	19.41%
Target Compounds			
1) T n-Nonane (C9)	3.320	1400566	9.176 ug/ml
2) T n-Decane (C10)	4.387	1422409	9.145 ug/ml
3) T A~Naphthalene (C11.7)	5.969	1570820	9.144 ug/ml
4) T n-Dodecane (C12)	6.406	1423547	9.172 ug/ml
5) T A~2-methylnaphthalene...	7.025	1523196	9.143 ug/ml
6) T n-Tetradecane (C14)	8.202	1390725	9.195 ug/ml
7) T n-Hexadecane (C16)	9.803	1447092	9.382 ug/ml
8) T n-Octadecane (C18)	11.247	1458240	9.541 ug/ml
10) T n-Eicosane (C20)	12.557	1412442	9.762 ug/ml
11) T n-Heneicosane (C21)	13.169	1374241	9.745 ug/ml
13) T n-Docosane (C22)	13.756	1420174	10.096 ug/ml
14) T n-Tetracosane (C24)	14.859	1542221	10.943 ug/ml
15) T n-Hexacosane (C26)	15.880	1545464	11.187 ug/ml
16) T n-Octacosane (C28)	16.831	1578746	11.630 ug/ml
17) T n-Tricontane (C30)	17.719	1630023	11.933 ug/ml
18) T n-Dotriacontane (C32)	18.552	1536369	11.803 ug/ml
19) T n-Tetratriacontane (C34)	19.336	1271955	10.670 ug/ml
20) T n-Hexatriacontane (C36)	20.077	1134201	9.678 ug/ml
21) T n-Octatriacontane (C38)	20.811	1058377	9.783 ug/ml
22) T n-Tetracontane (C40)	21.723	1078068	9.973 ug/ml

(f)=RT Delta > 1/2 Window

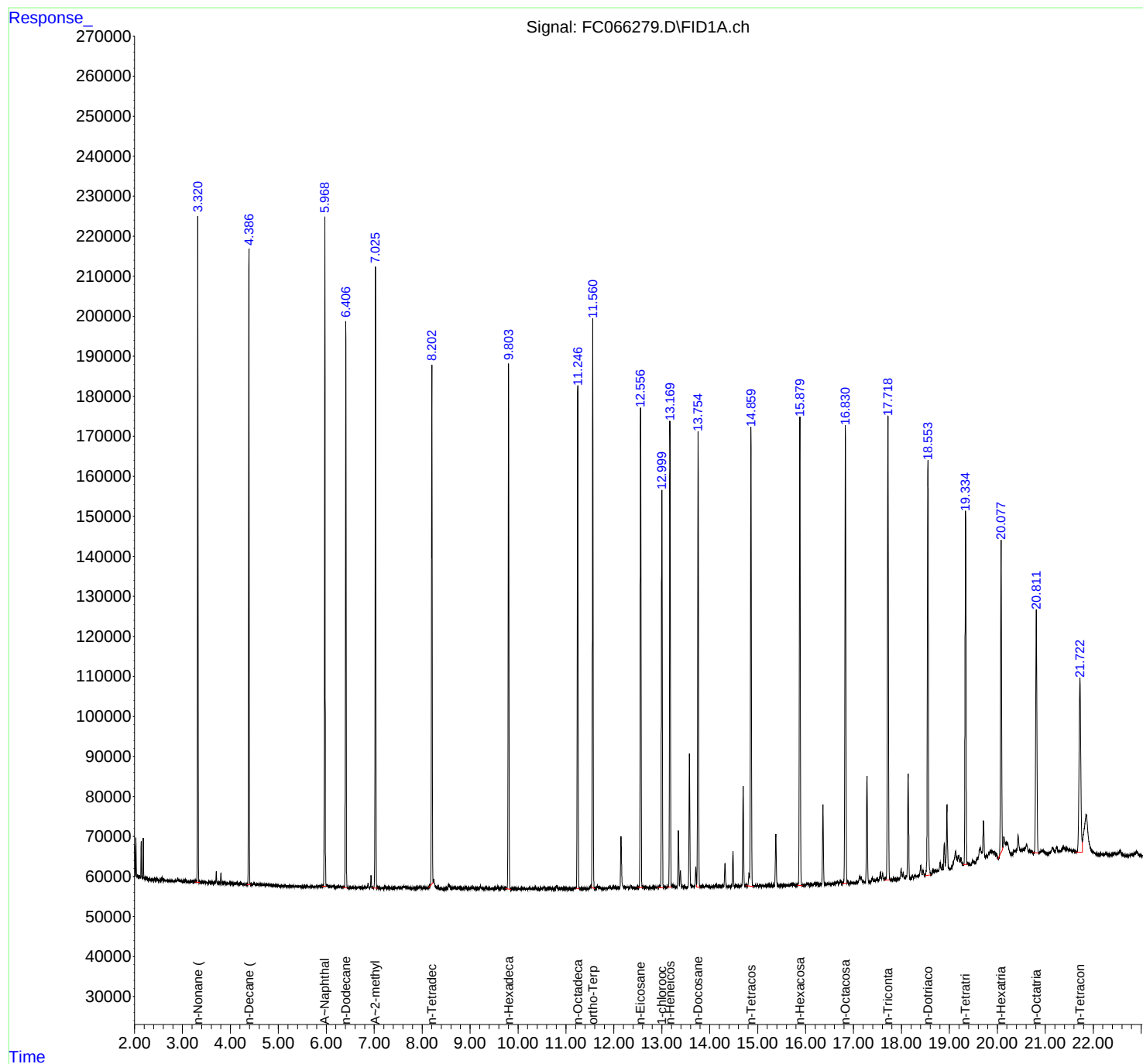
(m)=manual int.

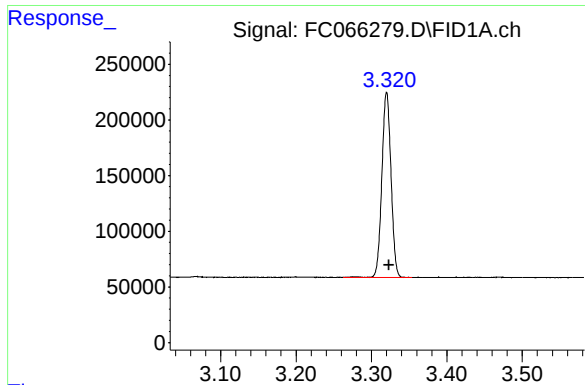
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC050124AL\
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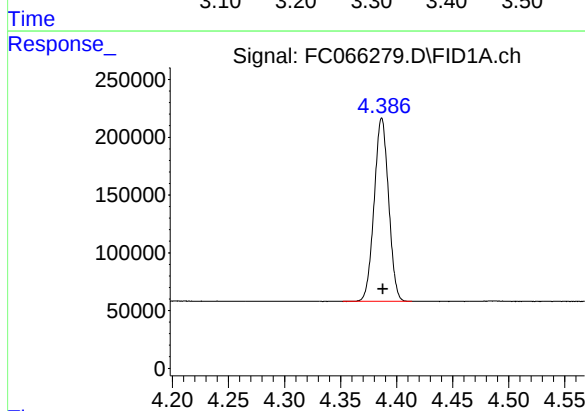




#1 n-Nonane (C9)

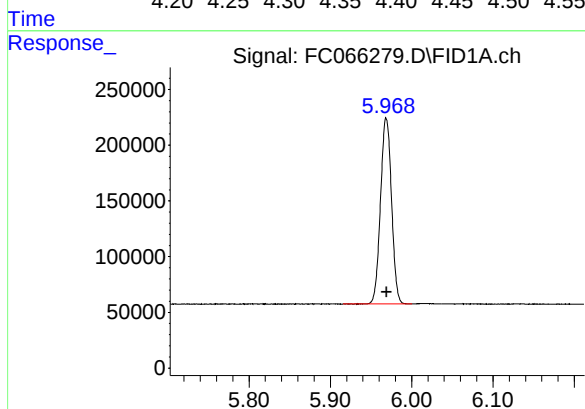
R.T.: 3.320 min
Delta R.T.: -0.003 min
Response: 1400566
Conc: 9.18 ug/ml

Instrument :
FID_C
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10 PPM ALIPHATIC HC STD4



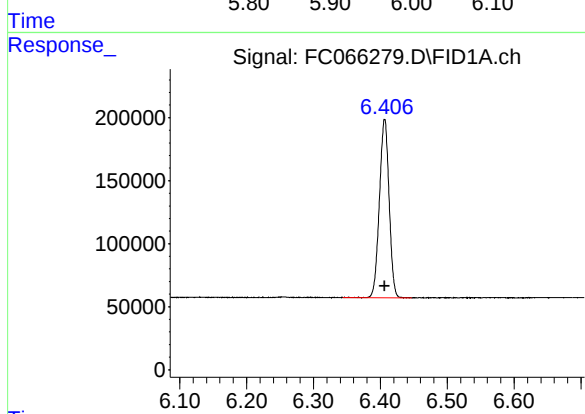
#2 n-Decane (C10)

R.T.: 4.387 min
Delta R.T.: -0.001 min
Response: 1422409
Conc: 9.15 ug/ml



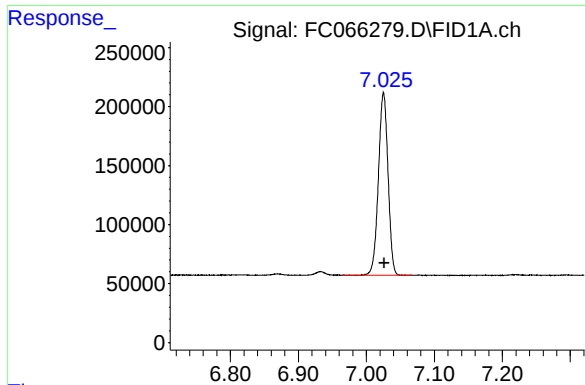
#3 A~Naphthalene (C11.7)

R.T.: 5.969 min
Delta R.T.: 0.000 min
Response: 1570820
Conc: 9.14 ug/ml



#4 n-Dodecane (C12)

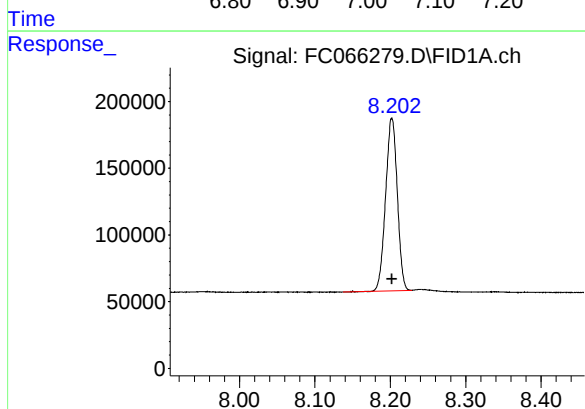
R.T.: 6.406 min
Delta R.T.: 0.000 min
Response: 1423547
Conc: 9.17 ug/ml



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

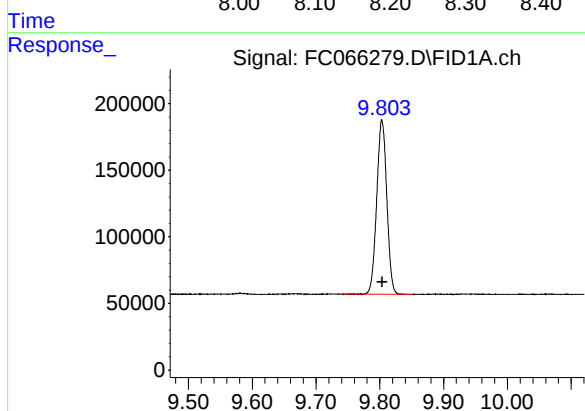
R.T.: 7.025 min
Delta R.T.: -0.001 min
Response: 1523196
Conc: 9.14 ug/ml

Instrument :
FID_C
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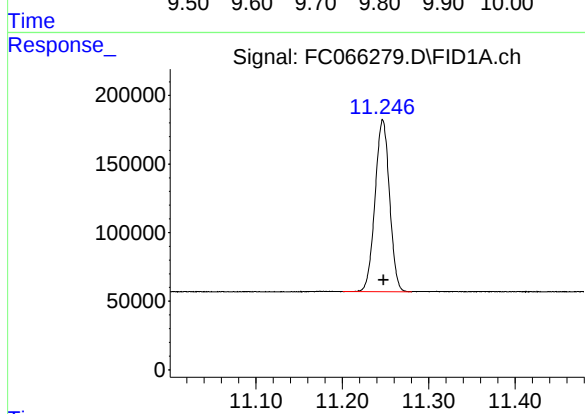
#6 n-Tetradecane (C14)

R.T.: 8.202 min
Delta R.T.: 0.000 min
Response: 1390725
Conc: 9.20 ug/ml



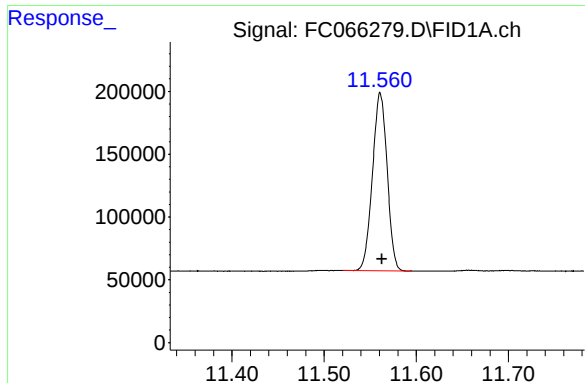
#7 n-Hexadecane (C16)

R.T.: 9.803 min
Delta R.T.: 0.000 min
Response: 1447092
Conc: 9.38 ug/ml



#8 n-Octadecane (C18)

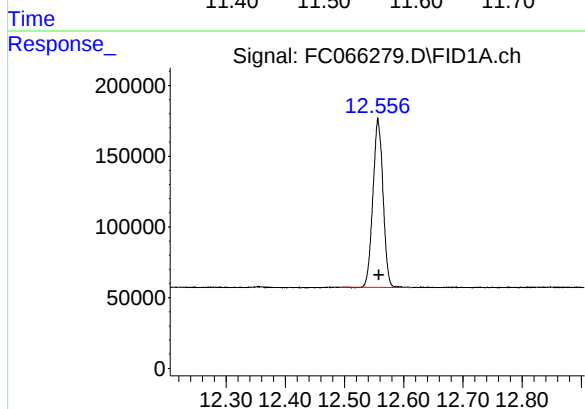
R.T.: 11.247 min
Delta R.T.: -0.001 min
Response: 1458240
Conc: 9.54 ug/ml



#9 ortho-Terphenyl (SURR)

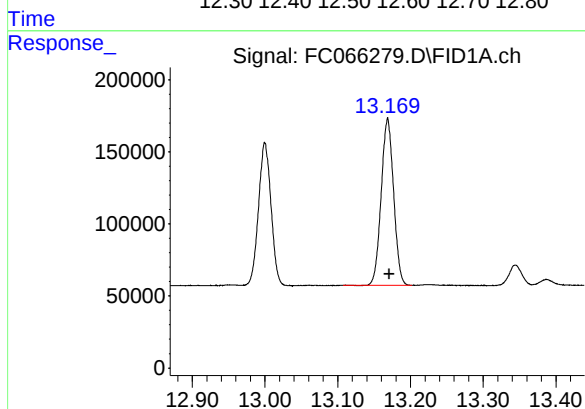
R.T.: 11.561 min
Delta R.T.: -0.002 min
Response: 1571013
Conc: 9.42 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



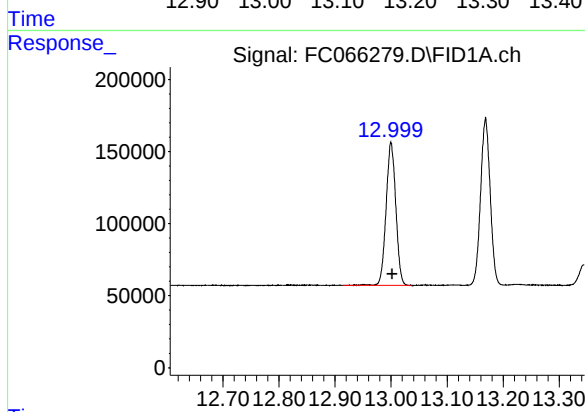
#10 n-Eicosane (C20)

R.T.: 12.557 min
Delta R.T.: -0.001 min
Response: 1412442
Conc: 9.76 ug/ml



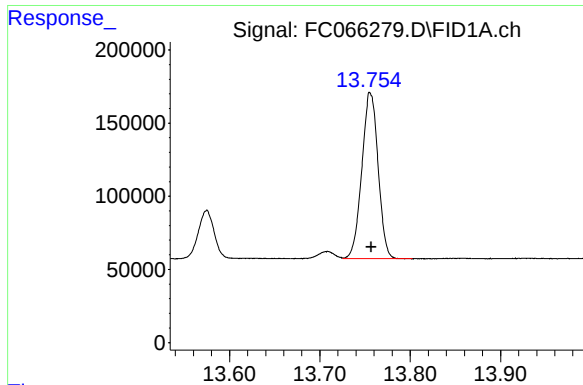
#11 n-Heneicosane (C21)

R.T.: 13.169 min
Delta R.T.: -0.002 min
Response: 1374241
Conc: 9.75 ug/ml



#12 1-chlorooctadecane (SURR)

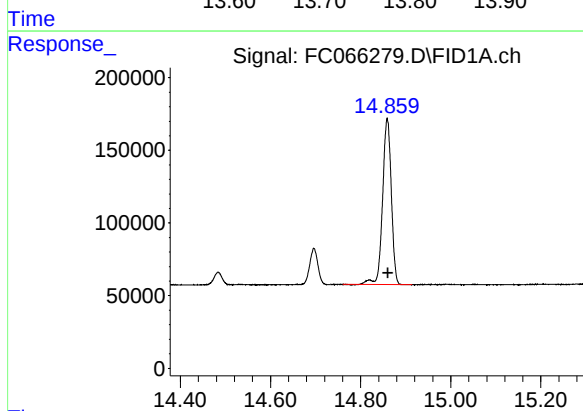
R.T.: 13.000 min
Delta R.T.: -0.002 min
Response: 1195681
Conc: 9.71 ug/ml



#13 n-Docosane (C22)

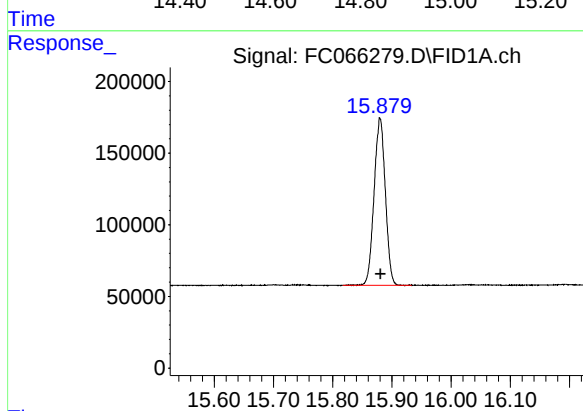
R.T.: 13.756 min
Delta R.T.: 0.000 min
Response: 1420174
Conc: 10.10 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



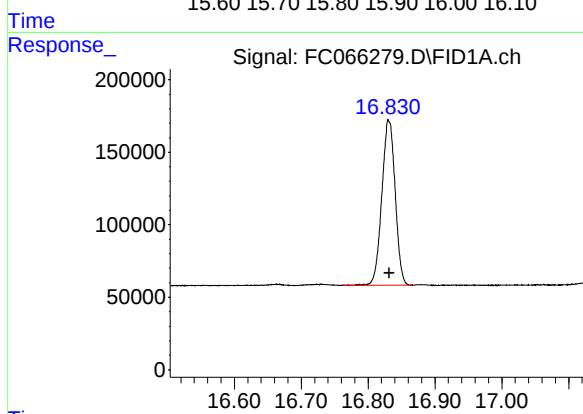
#14 n-Tetracosane (C24)

R.T.: 14.859 min
Delta R.T.: -0.001 min
Response: 1542221
Conc: 10.94 ug/ml



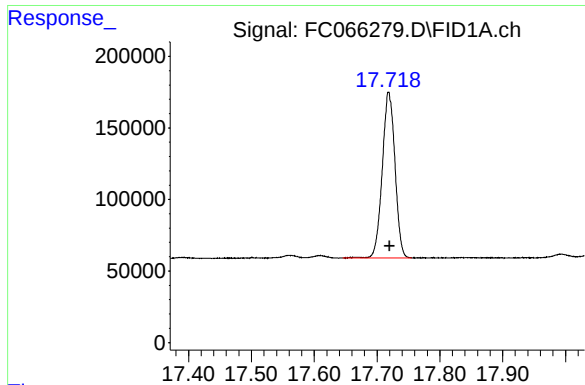
#15 n-Hexacosane (C26)

R.T.: 15.880 min
Delta R.T.: -0.001 min
Response: 1545464
Conc: 11.19 ug/ml



#16 n-Octacosane (C28)

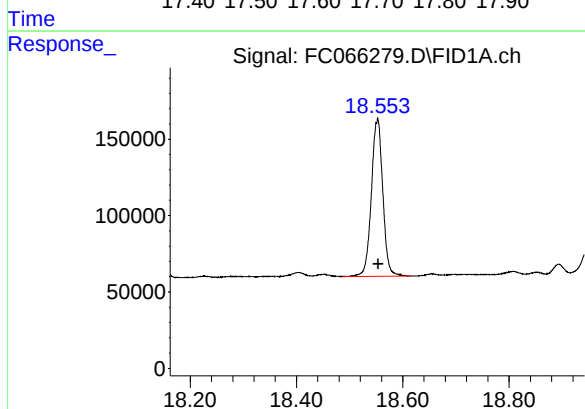
R.T.: 16.831 min
Delta R.T.: 0.000 min
Response: 1578746
Conc: 11.63 ug/ml



#17 n-Tricontane (C30)

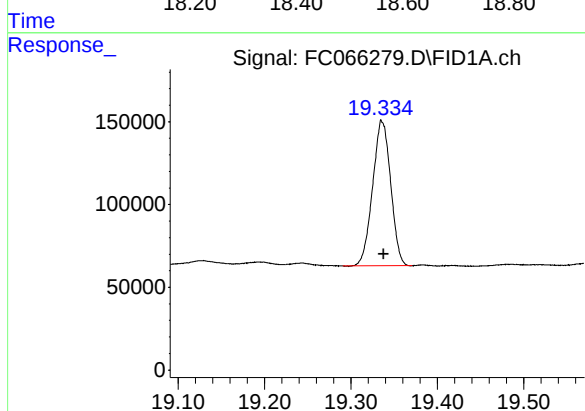
R.T.: 17.719 min
Delta R.T.: 0.000 min
Response: 1630023
Conc: 11.93 ug/ml

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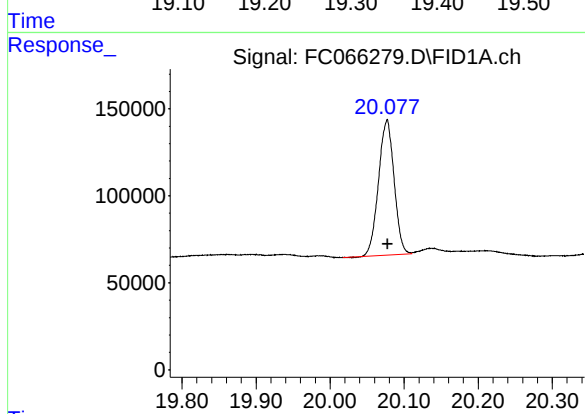
#18 n-Dotriacontane (C32)

R.T.: 18.552 min
Delta R.T.: -0.002 min
Response: 1536369
Conc: 11.80 ug/ml



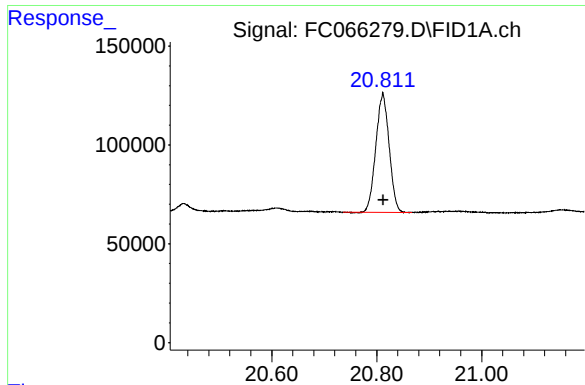
#19 n-Tetatriacontane (C34)

R.T.: 19.336 min
Delta R.T.: -0.002 min
Response: 1271955
Conc: 10.67 ug/ml



#20 n-Hexatriacontane (C36)

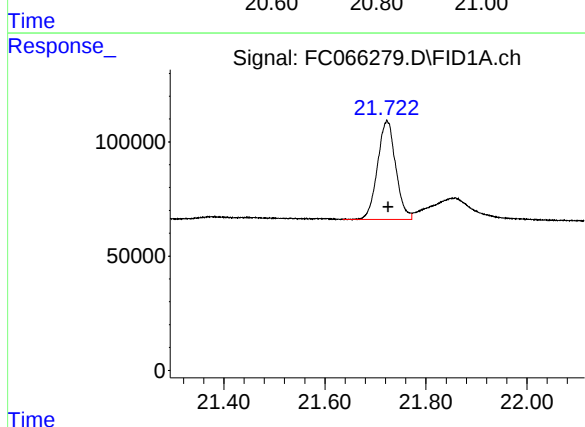
R.T.: 20.077 min
Delta R.T.: -0.001 min
Response: 1134201
Conc: 9.68 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.811 min
Delta R.T.: -0.001 min
Response: 1058377
Conc: 9.78 ug/ml

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FID_C
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10 PPM ALIPHATIC HC STD4



#22 n-Tetracontane (C40)

R.T.: 21.723 min
Delta R.T.: -0.002 min
Response: 1078068
Conc: 9.97 ug/ml