

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC011923AL\
 Data File : FC062721.D
 Signal(s) : FID1A.ch
 Acq On : 19 Jan 2023 19:12
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Jan 20 00:22:26 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 010523.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 05 04:54:00 2023
 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)	11.554	2884730	20.418 ug/ml
Spiked Amount 50.000		Recovery =	40.84%
12) S 1-chlorooctadecane (S...	12.992	2165849	20.561 ug/ml
Spiked Amount 50.000		Recovery =	41.12%
Target Compounds			
1) T n-Nonane (C9)	3.313	2775124	20.753 ug/ml
2) T n-Decane (C10)	4.380	2707760	20.878 ug/ml
3) T A~Naphthalene (C11.7)	5.964	3029075	20.613 ug/ml
4) T n-Dodecane (C12)	6.400	2695393	20.972 ug/ml
5) T A~2-methylnaphthalene...	7.022	2817113	20.605 ug/ml
6) T n-Tetradecane (C14)	8.197	2664074	20.695 ug/ml
7) T n-Hexadecane (C16)	9.798	2667648	20.657 ug/ml
8) T n-Octadecane (C18)	11.240	2677029	20.672 ug/ml
10) T n-Eicosane (C20)	12.548	2543897	20.613 ug/ml
11) T n-Heneicosane (C21)	13.161	2527553	20.622 ug/ml
13) T n-Docosane (C22)	13.747	2461760	20.592 ug/ml
14) T n-Tetracosane (C24)	14.848	2418479	20.766 ug/ml
15) T n-Hexacosane (C26)	15.867	2351065	20.928 ug/ml
16) T n-Octacosane (C28)	16.816	2328065	21.203 ug/ml
17) T n-Tricontane (C30)	17.701	2348587	21.687 ug/ml
18) T n-Dotriacontane (C32)	18.532	2373216	21.738 ug/ml
19) T n-Tetratriacontane (C34)	19.316	2298114	21.138 ug/ml
20) T n-Hexatriacontane (C36)	20.052	2093301	18.819 ug/ml
21) T n-Octatriacontane (C38)	20.785	2014761	19.024 ug/ml
22) T n-Tetracontane (C40)	21.690	1988498	18.672 ug/ml

(f)=RT Delta > 1/2 Window

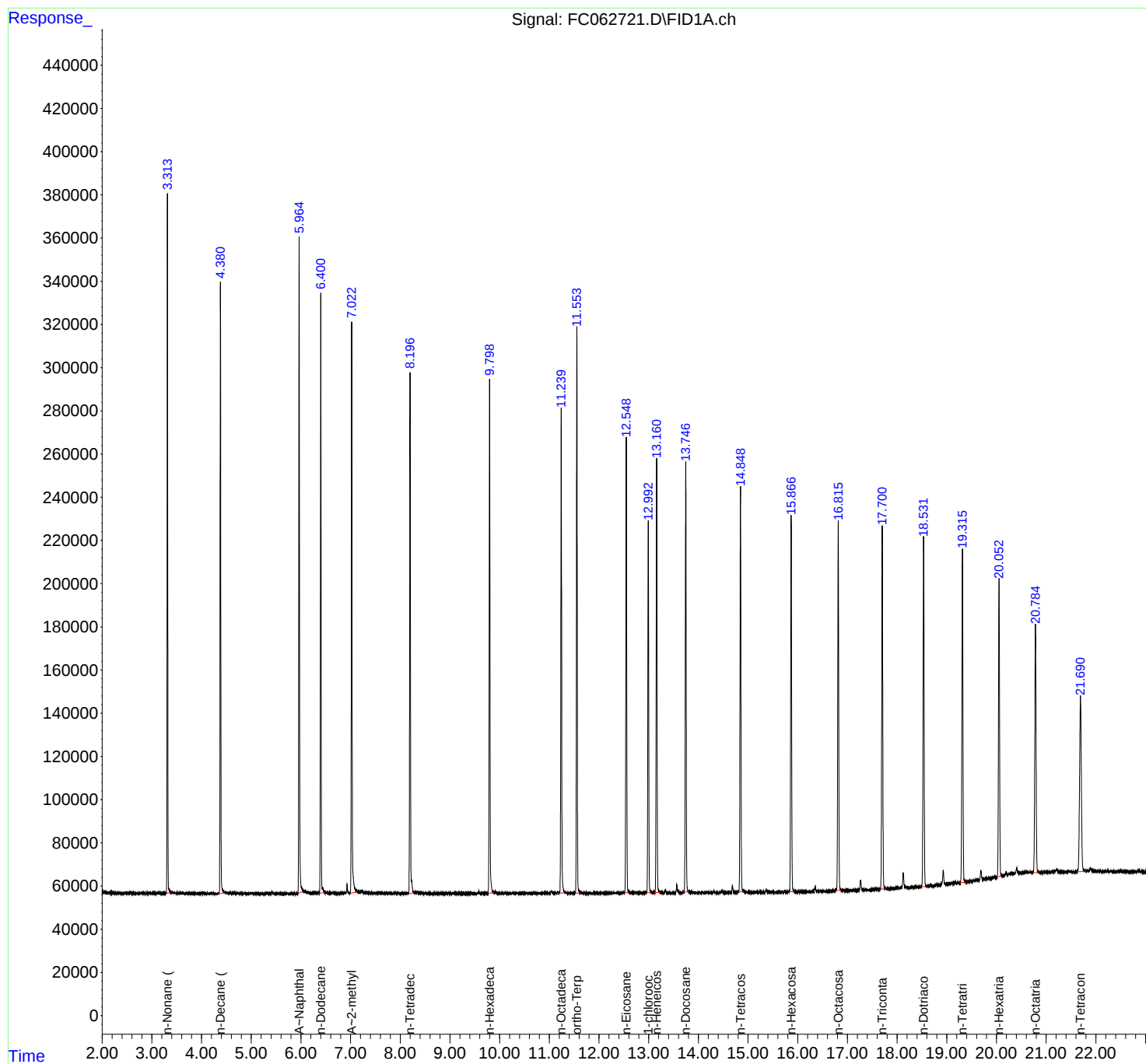
(m)=manual int.

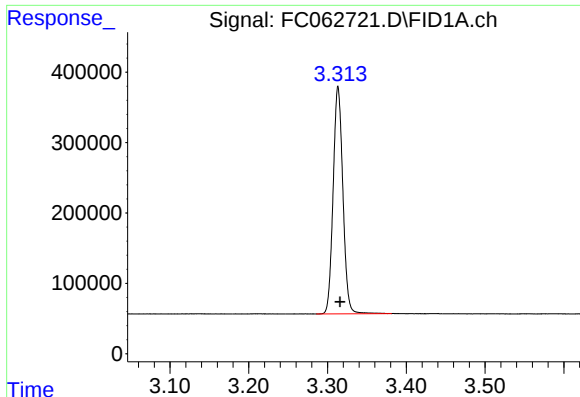
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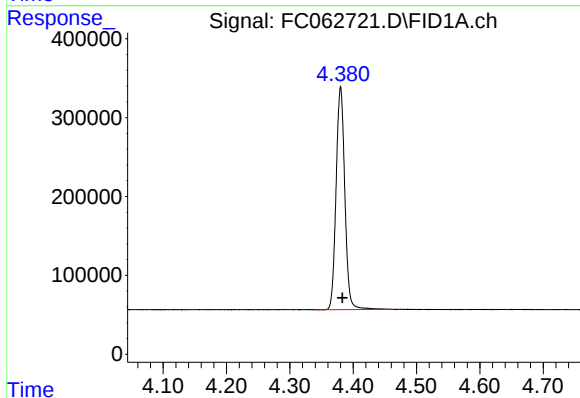




#1 n-Nonane (C9)

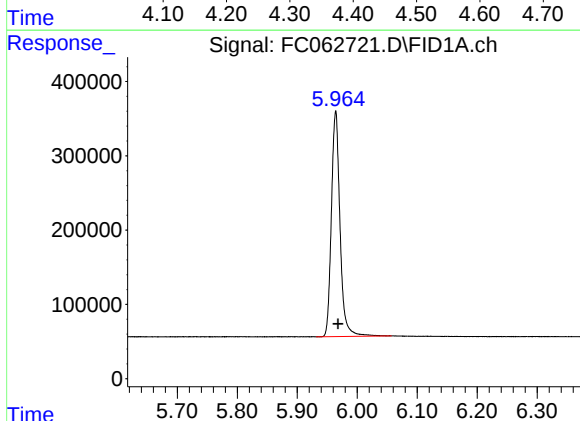
R.T.: 3.313 min
Delta R.T.: -0.003 min
Response: 2775124
Conc: 20.75 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



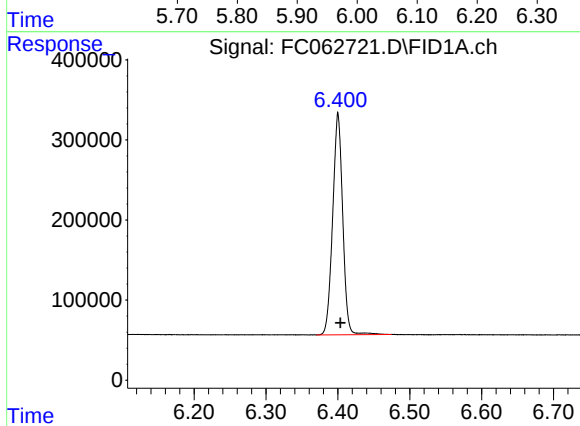
#2 n-Decane (C10)

R.T.: 4.380 min
Delta R.T.: -0.003 min
Response: 2707760
Conc: 20.88 ug/ml



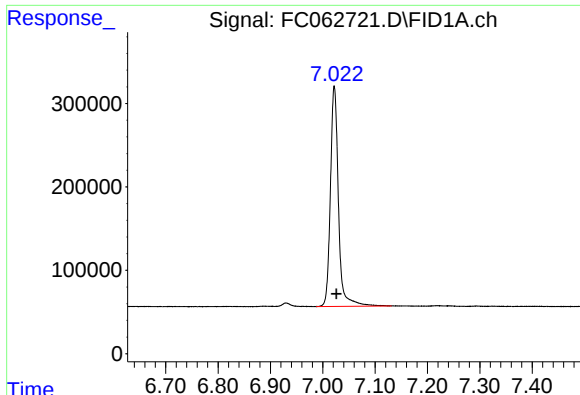
#3 A~Naphthalene (C11.7)

R.T.: 5.964 min
Delta R.T.: -0.004 min
Response: 3029075
Conc: 20.61 ug/ml



#4 n-Dodecane (C12)

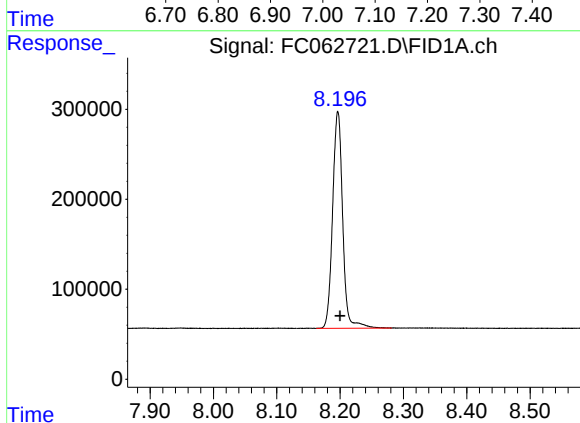
R.T.: 6.400 min
Delta R.T.: -0.003 min
Response: 2695393
Conc: 20.97 ug/ml



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

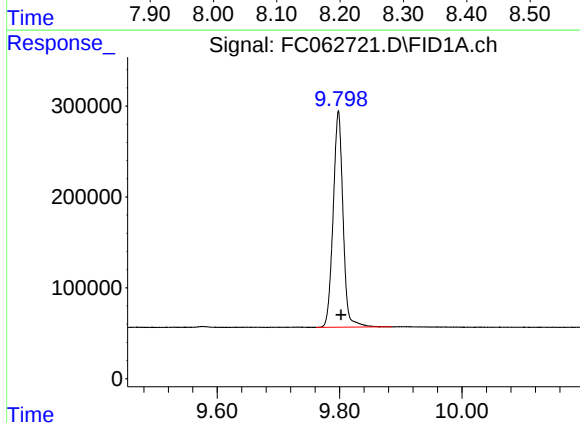
R.T.: 7.022 min
Delta R.T.: -0.004 min
Response: 2817113
Conc: 20.61 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



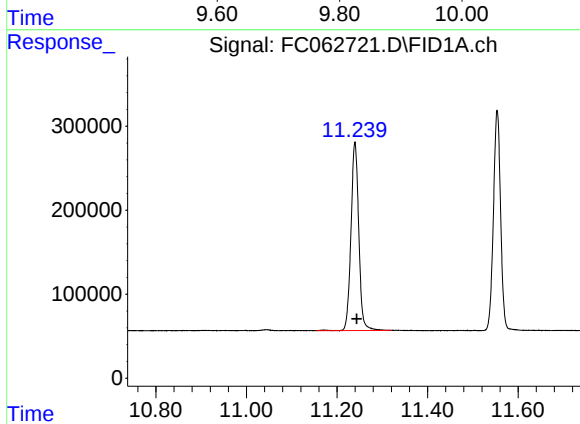
#6 n-Tetradecane (C14)

R.T.: 8.197 min
Delta R.T.: -0.003 min
Response: 2664074
Conc: 20.70 ug/ml



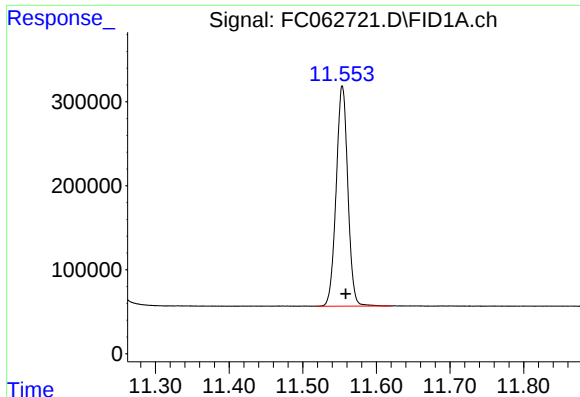
#7 n-Hexadecane (C16)

R.T.: 9.798 min
Delta R.T.: -0.004 min
Response: 2667648
Conc: 20.66 ug/ml



#8 n-Octadecane (C18)

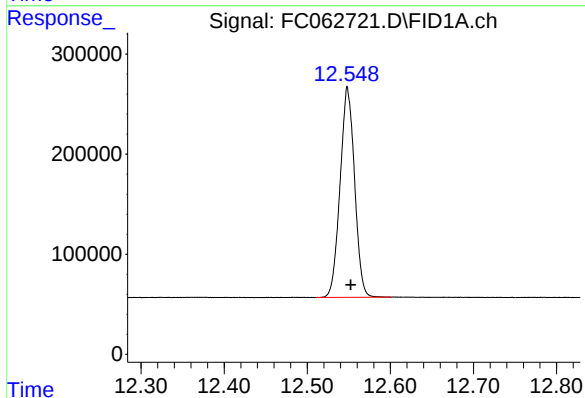
R.T.: 11.240 min
Delta R.T.: -0.004 min
Response: 2677029
Conc: 20.67 ug/ml



#9 ortho-Terphenyl (SURR)

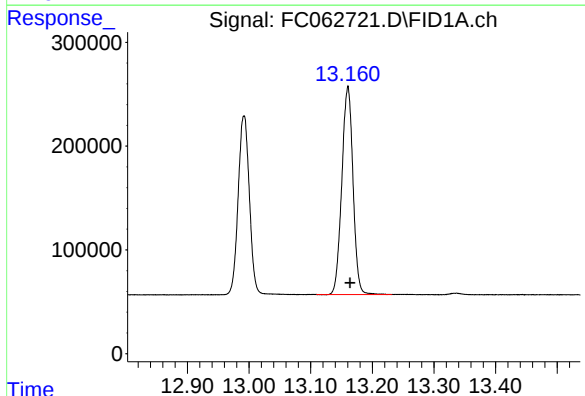
R.T.: 11.554 min
Delta R.T.: -0.005 min
Response: 2884730
Conc: 20.42 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



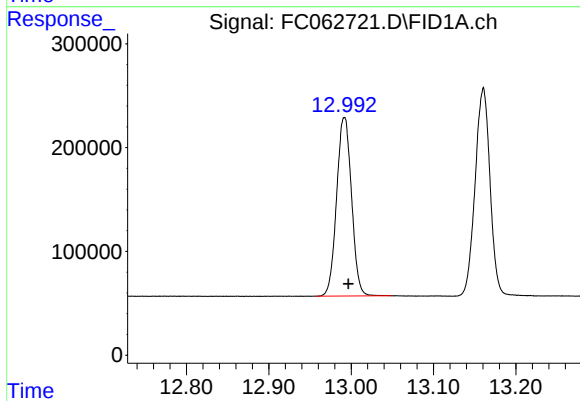
#10 n-Eicosane (C20)

R.T.: 12.548 min
Delta R.T.: -0.004 min
Response: 2543897
Conc: 20.61 ug/ml



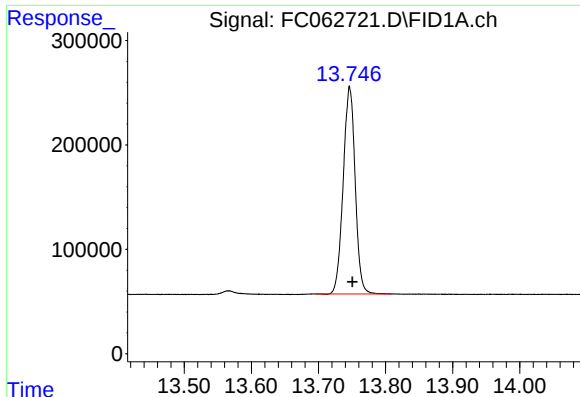
#11 n-Heneicosane (C21)

R.T.: 13.161 min
Delta R.T.: -0.004 min
Response: 2527553
Conc: 20.62 ug/ml



#12 1-chlorooctadecane (SURR)

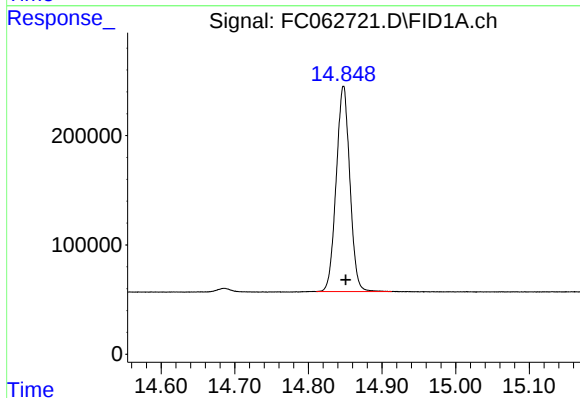
R.T.: 12.992 min
Delta R.T.: -0.005 min
Response: 2165849
Conc: 20.56 ug/ml



#13 n-Docosane (C22)

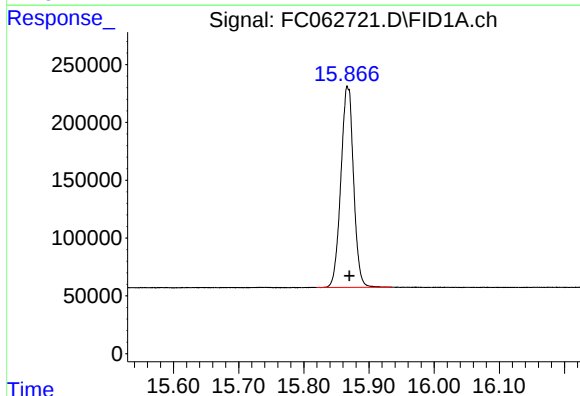
R.T.: 13.747 min
Delta R.T.: -0.004 min
Response: 2461760
Conc: 20.59 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



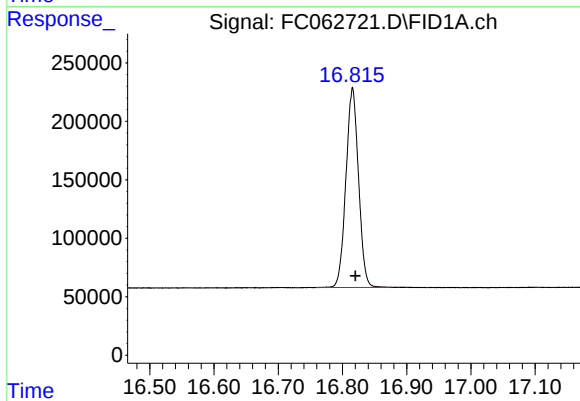
#14 n-Tetracosane (C24)

R.T.: 14.848 min
Delta R.T.: -0.003 min
Response: 2418479
Conc: 20.77 ug/ml



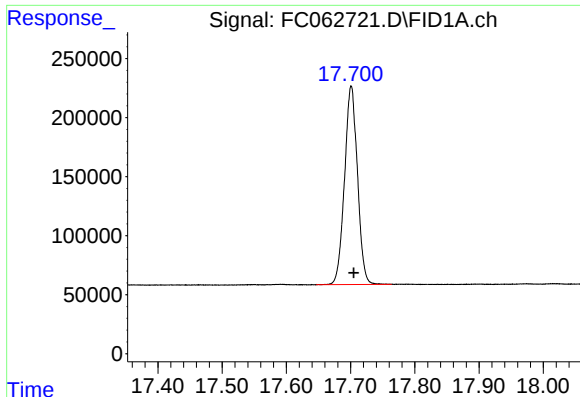
#15 n-Hexacosane (C26)

R.T.: 15.867 min
Delta R.T.: -0.003 min
Response: 2351065
Conc: 20.93 ug/ml



#16 n-Octacosane (C28)

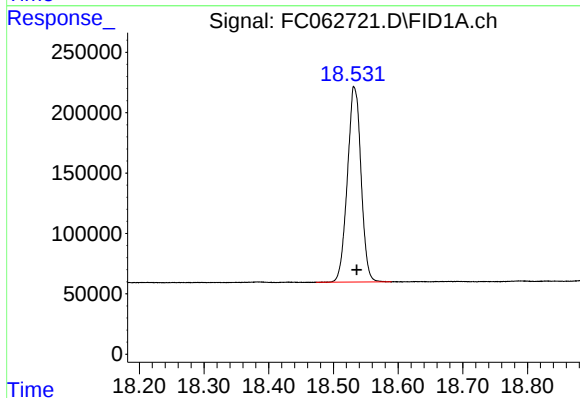
R.T.: 16.816 min
Delta R.T.: -0.004 min
Response: 2328065
Conc: 21.20 ug/ml



#17 n-Tricontane (C30)

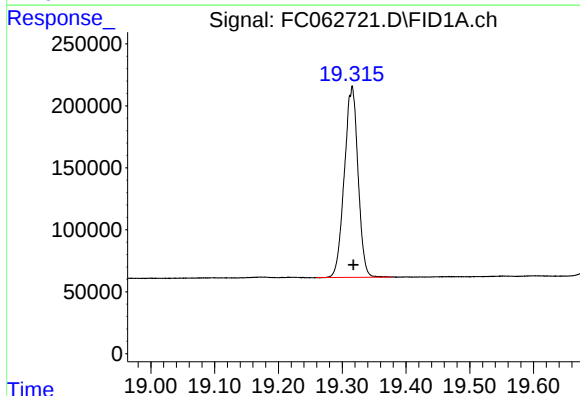
R.T.: 17.701 min
Delta R.T.: -0.004 min
Response: 2348587
Conc: 21.69 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



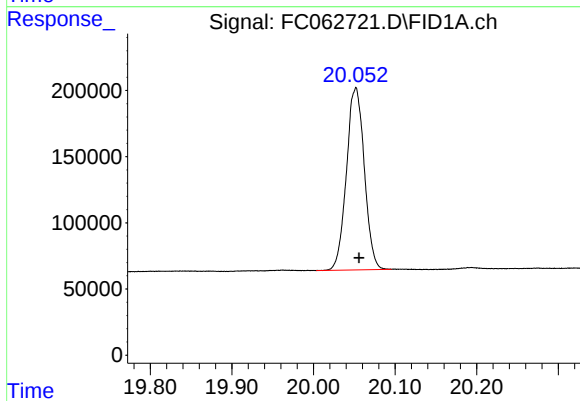
#18 n-Dotriacontane (C32)

R.T.: 18.532 min
Delta R.T.: -0.004 min
Response: 2373216
Conc: 21.74 ug/ml



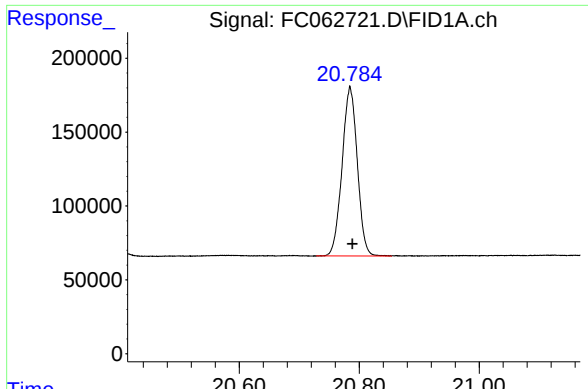
#19 n-Tetratriacontane (C34)

R.T.: 19.316 min
Delta R.T.: -0.002 min
Response: 2298114
Conc: 21.14 ug/ml



#20 n-Hexatriacontane (C36)

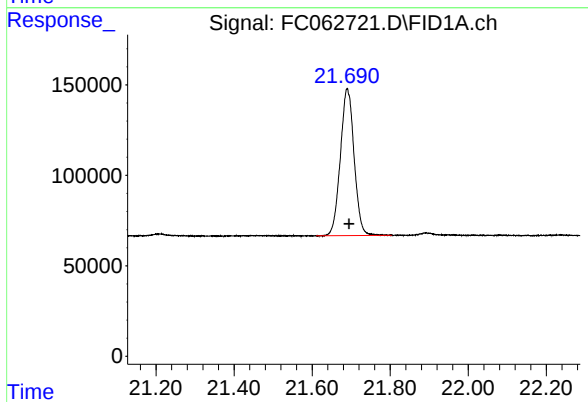
R.T.: 20.052 min
Delta R.T.: -0.004 min
Response: 2093301
Conc: 18.82 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.785 min
Delta R.T.: -0.004 min
Response: 2014761
Conc: 19.02 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.690 min
Delta R.T.: -0.005 min
Response: 1988498
Conc: 18.67 ug/ml