

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC070921AL\
 Data File : FC054615.D
 Signal(s) : FID1A.CH
 Acq On : 09 Jul 2021 12:37
 Operator : DD\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: Jul 09 23:18:39 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 062521.M
 Quant Title : GC Extractables
 QLast Update : Sat Jun 26 02:10:35 2021
 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)	11.328	2893550	20.439 ug/ml
Spiked Amount 50.000		Recovery =	40.88%
12) S 1-chlorooctadecane (S...	12.771	2262538	20.296 ug/ml
Spiked Amount 50.000		Recovery =	40.59%
Target Compounds			
1) T n-Nonane (C9)	3.141	2442633	20.772 ug/ml
2) T n-Decane (C10)	4.196	2487561	20.949 ug/ml
3) T A~Naphthalene (C11.7)	5.762	2706439	20.586 ug/ml
4) T n-Dodecane (C12)	6.203	2539313	21.187 ug/ml
5) T A~2-methylnaphthalene...	6.815	2737712	20.737 ug/ml
6) T n-Tetradecane (C14)	7.991	2605743	21.387 ug/ml
7) T n-Hexadecane (C16)	9.586	2638323	21.181 ug/ml
8) T n-Octadecane (C18)	11.025	2711314	20.992 ug/ml
10) T n-Eicosane (C20)	12.331	2682344	20.614 ug/ml
11) T n-Heneicosane (C21)	12.941	2707272	20.391 ug/ml
13) T n-Docosane (C22)	13.526	2675876	20.198 ug/ml
14) T n-Tetracosane (C24)	14.626	2676193	19.769 ug/ml
15) T n-Hexacosane (C26)	15.645	2594775	19.149 ug/ml
16) T n-Octacosane (C28)	16.593	2558317	18.639 ug/ml
17) T n-Tricontane (C30)	17.479	2497032	18.028 ug/ml
18) T n-Dotriacontane (C32)	18.311	2409082	17.609 ug/ml
19) T n-Tetratriacontane (C34)	19.092	2323624	17.197 ug/ml
20) T n-Hexatriacontane (C36)	19.832	2188513	17.729 ug/ml
21) T n-Octatriacontane (C38)	20.537	2115038	18.698 ug/ml
22) T n-Tetracontane (C40)	21.357	2149228	19.015 ug/ml

(f)=RT Delta > 1/2 Window

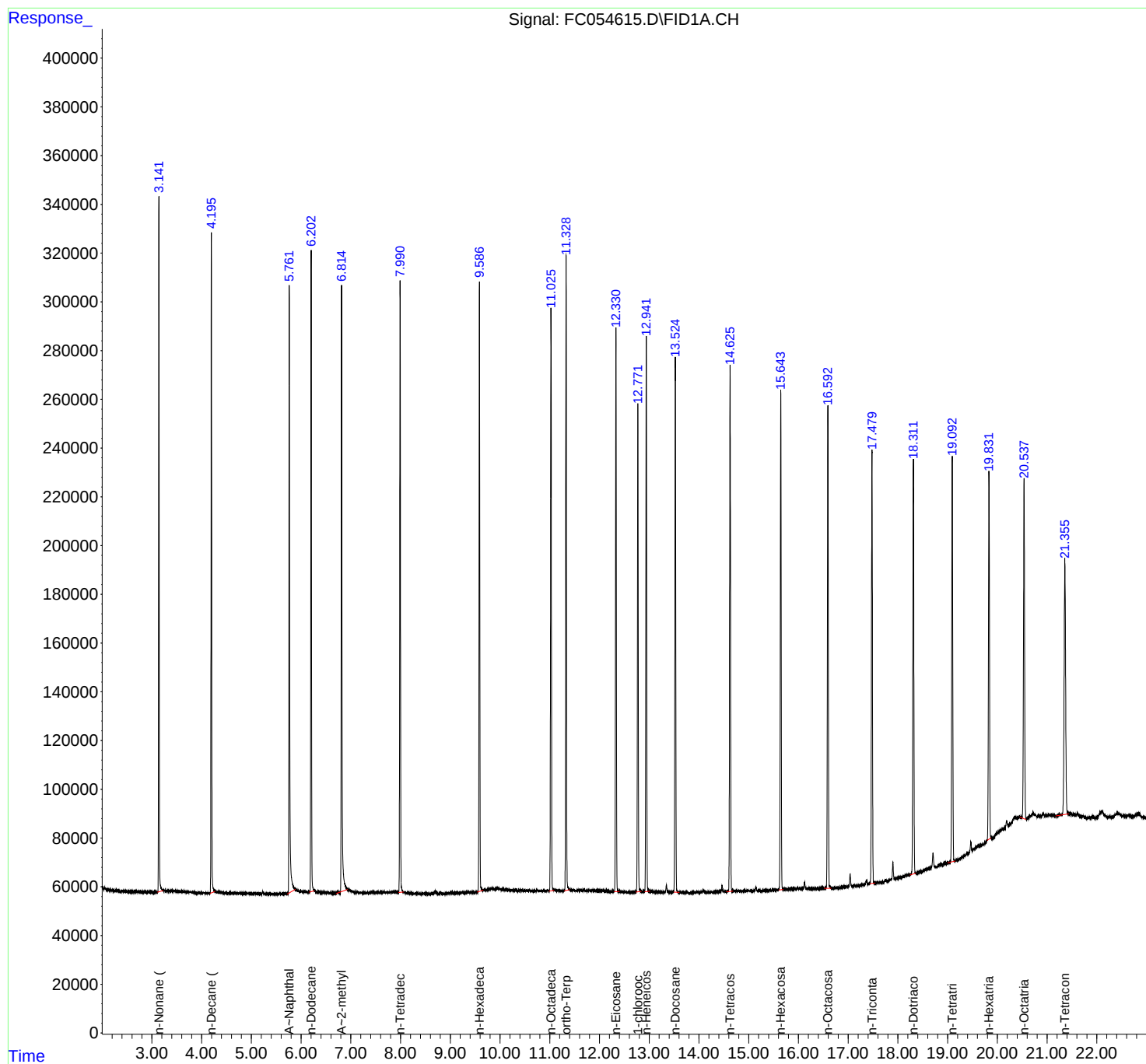
(m)=manual int.

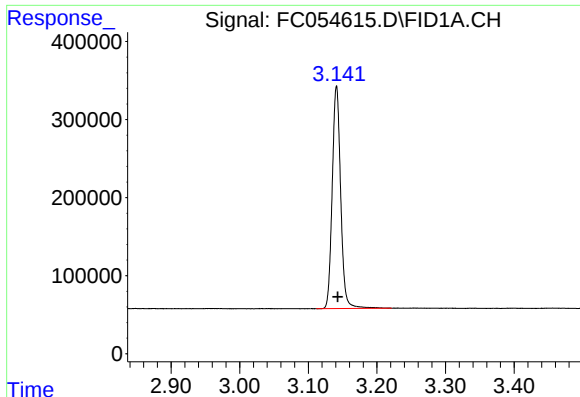
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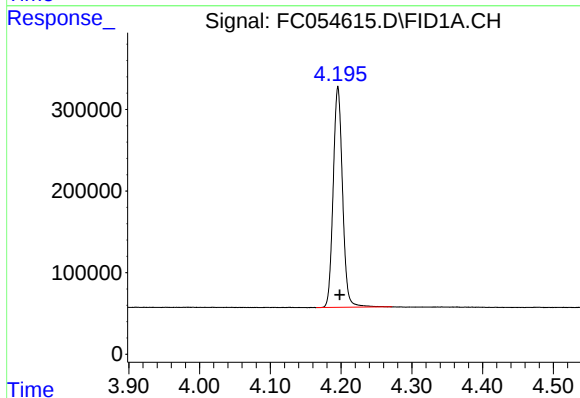




#1 n-Nonane (C9)

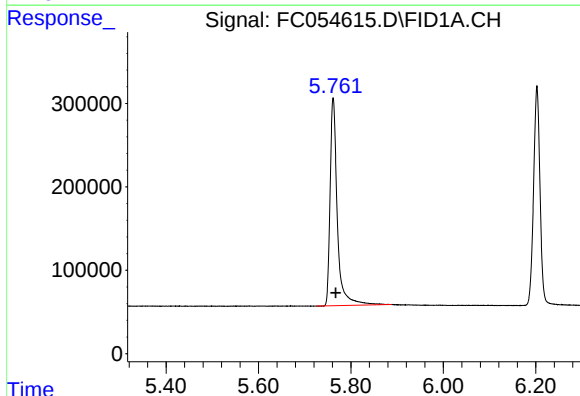
R.T.: 3.141 min
Delta R.T.: -0.002 min
Response: 2442633
Conc: 20.77 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



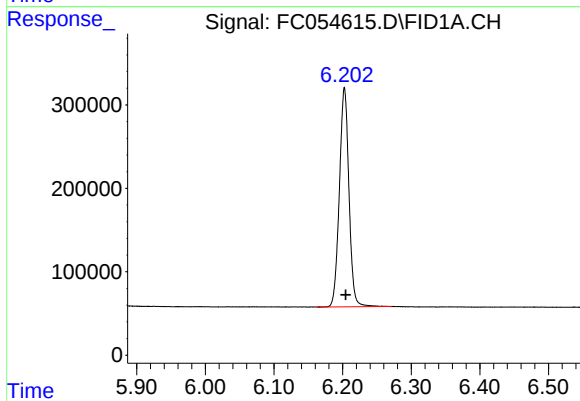
#2 n-Decane (C10)

R.T.: 4.196 min
Delta R.T.: -0.003 min
Response: 2487561
Conc: 20.95 ug/ml



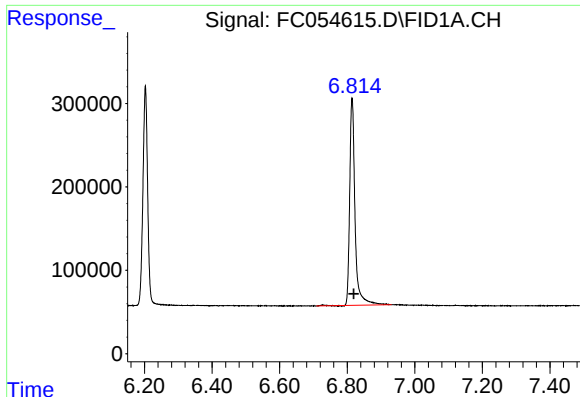
#3 A~Naphthalene (C11.7)

R.T.: 5.762 min
Delta R.T.: -0.005 min
Response: 2706439
Conc: 20.59 ug/ml



#4 n-Dodecane (C12)

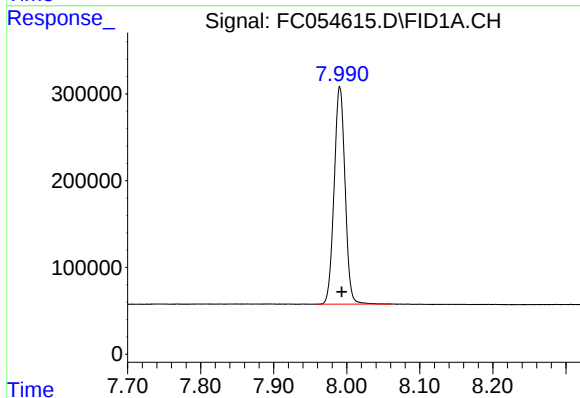
R.T.: 6.203 min
Delta R.T.: -0.002 min
Response: 2539313
Conc: 21.19 ug/ml



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

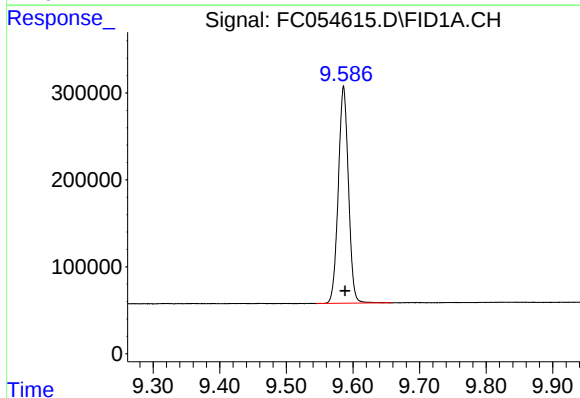
R.T.: 6.815 min
Delta R.T.: -0.005 min
Response: 2737712
Conc: 20.74 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



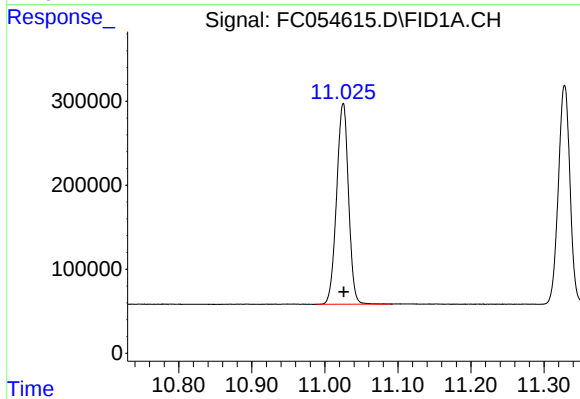
#6 n-Tetradecane (C14)

R.T.: 7.991 min
Delta R.T.: -0.002 min
Response: 2605743
Conc: 21.39 ug/ml



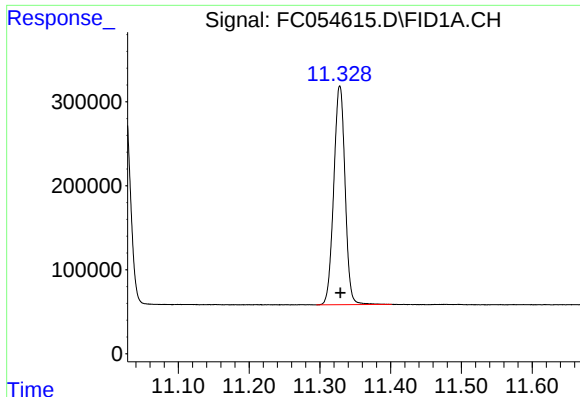
#7 n-Hexadecane (C16)

R.T.: 9.586 min
Delta R.T.: -0.002 min
Response: 2638323
Conc: 21.18 ug/ml



#8 n-Octadecane (C18)

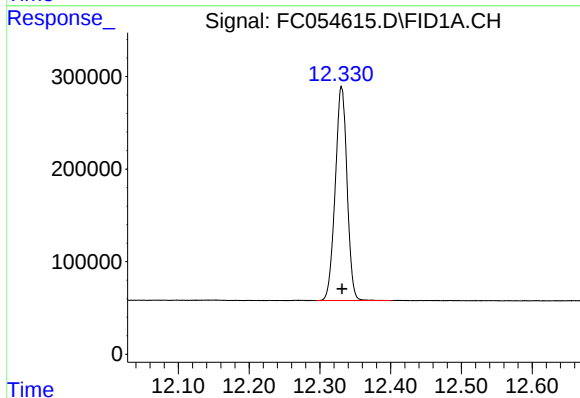
R.T.: 11.025 min
Delta R.T.: 0.000 min
Response: 2711314
Conc: 20.99 ug/ml



#9 ortho-Terphenyl (SURR)

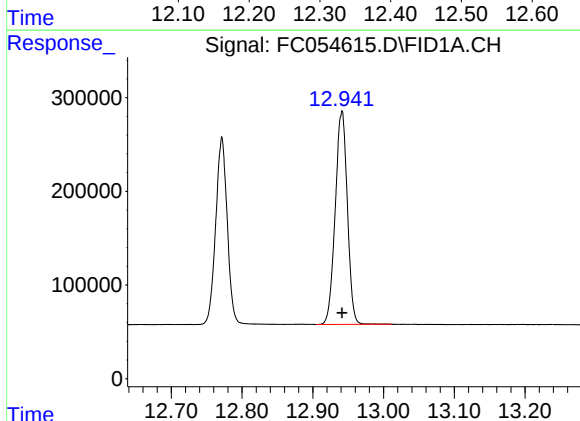
R.T.: 11.328 min
Delta R.T.: 0.000 min
Response: 2893550
Conc: 20.44 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



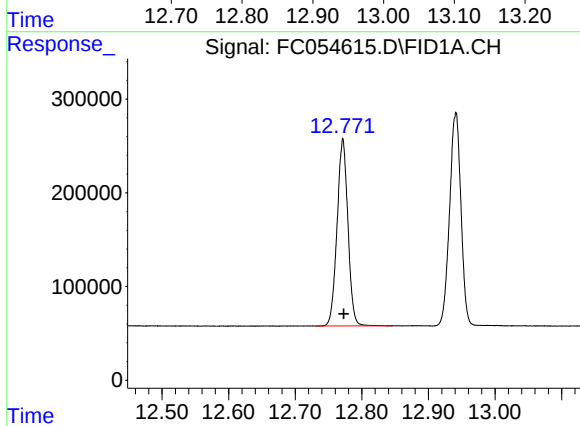
#10 n-Eicosane (C20)

R.T.: 12.331 min
Delta R.T.: 0.000 min
Response: 2682344
Conc: 20.61 ug/ml



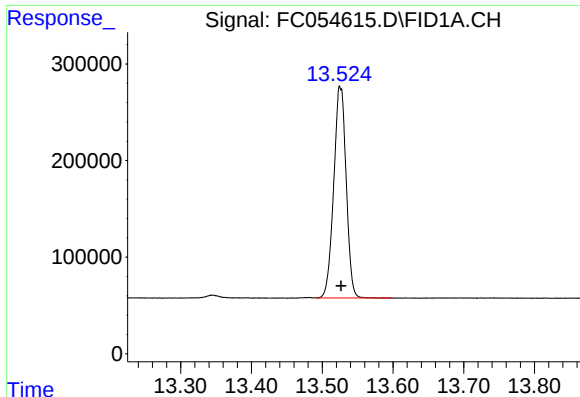
#11 n-Heneicosane (C21)

R.T.: 12.941 min
Delta R.T.: 0.000 min
Response: 2707272
Conc: 20.39 ug/ml



#12 1-chlorooctadecane (SURR)

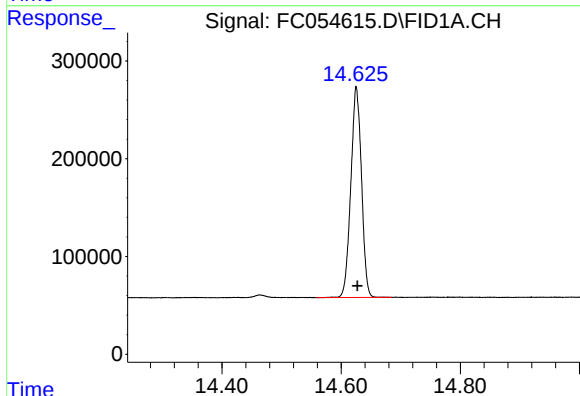
R.T.: 12.771 min
Delta R.T.: -0.001 min
Response: 2262538
Conc: 20.30 ug/ml



#13 n-Docosane (C22)

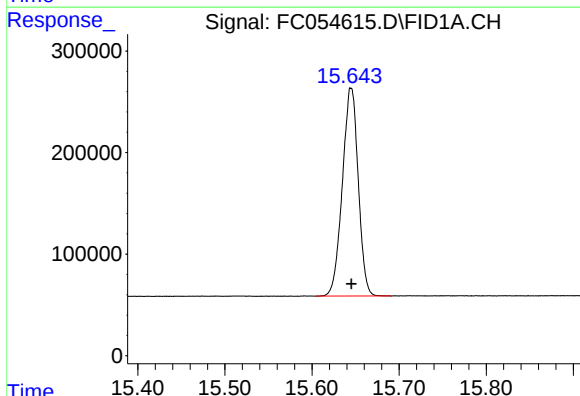
R.T.: 13.526 min
Delta R.T.: -0.001 min
Response: 2675876
Conc: 20.20 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



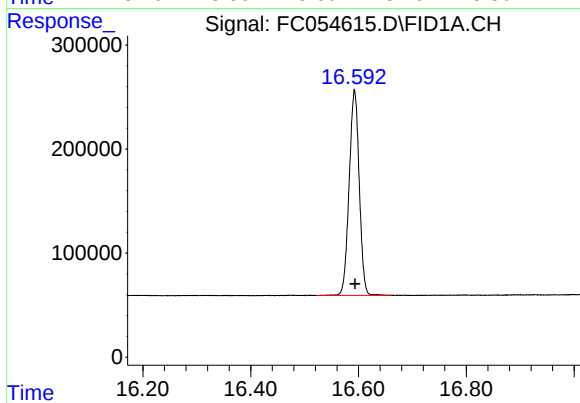
#14 n-Tetracosane (C24)

R.T.: 14.626 min
Delta R.T.: -0.002 min
Response: 2676193
Conc: 19.77 ug/ml



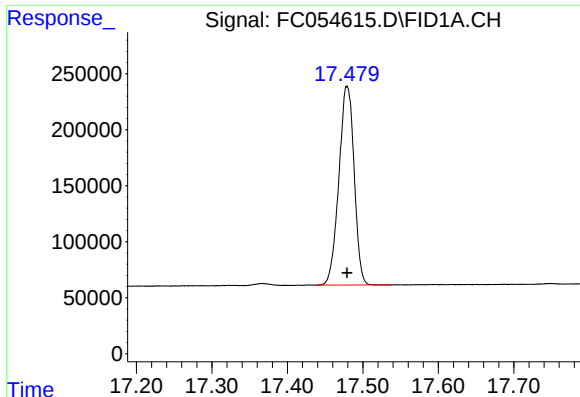
#15 n-Hexacosane (C26)

R.T.: 15.645 min
Delta R.T.: 0.000 min
Response: 2594775
Conc: 19.15 ug/ml



#16 n-Octacosane (C28)

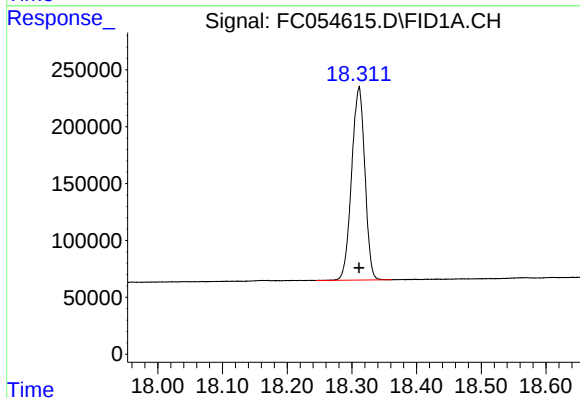
R.T.: 16.593 min
Delta R.T.: -0.001 min
Response: 2558317
Conc: 18.64 ug/ml



#17 n-Tricontane (C30)

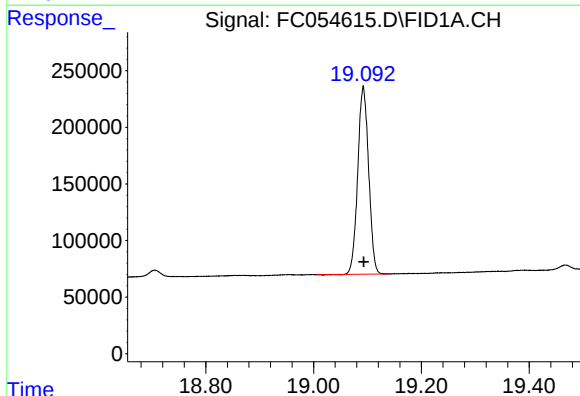
R.T.: 17.479 min
Delta R.T.: 0.000 min
Response: 2497032
Conc: 18.03 ug/ml

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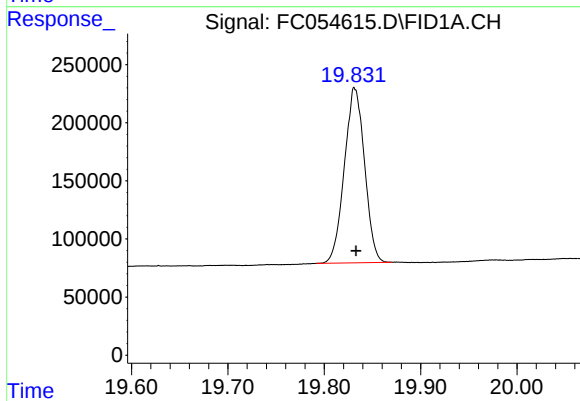
#18 n-Dotriacontane (C32)

R.T.: 18.311 min
Delta R.T.: 0.000 min
Response: 2409082
Conc: 17.61 ug/ml



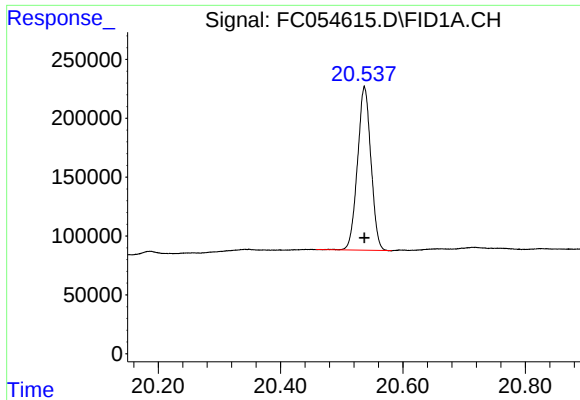
#19 n-Tetratriacontane (C34)

R.T.: 19.092 min
Delta R.T.: -0.001 min
Response: 2323624
Conc: 17.20 ug/ml



#20 n-Hexatriacontane (C36)

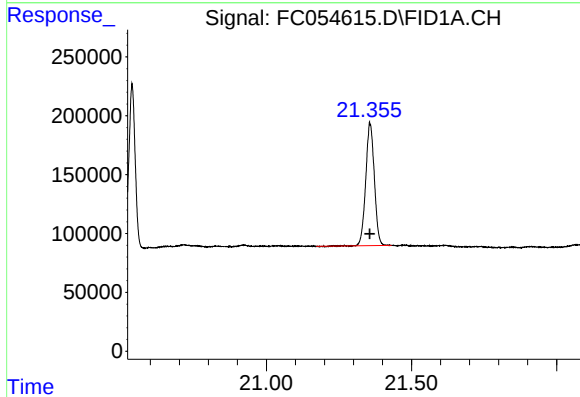
R.T.: 19.832 min
Delta R.T.: 0.000 min
Response: 2188513
Conc: 17.73 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.537 min
Delta R.T.: 0.000 min
Response: 2115038
Conc: 18.70 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.357 min
Delta R.T.: 0.000 min
Response: 2149228
Conc: 19.02 ug/ml