

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC061121AL\
 Data File : FC054195.D
 Signal(s) : FID1A.CH
 Acq On : 11 Jun 2021 14:52
 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: Jun 11 22:42:38 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 061021.M
 Quant Title : GC Extractables
 QLast Update : Fri Jun 11 04:43:57 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)	11.350	3126164	20.586 ug/ml
Spiked Amount 50.000		Recovery =	41.17%
12) S 1-chlorooctadecane (S...	12.795	2423904	20.577 ug/ml
Spiked Amount 50.000		Recovery =	41.15%
Target Compounds			
1) T n-Nonane (C9)	3.161	2633906	20.467 ug/ml
2) T n-Decane (C10)	4.216	2654041	20.705 ug/ml
3) T A~Naphthalene (C11.7)	5.782	2972765	20.581 ug/ml
4) T n-Dodecane (C12)	6.224	2690250	20.516 ug/ml
5) T A~2-methylnaphthalene...	6.835	2986198	20.684 ug/ml
6) T n-Tetradecane (C14)	8.012	2726451	20.564 ug/ml
7) T n-Hexadecane (C16)	9.608	2793184	20.649 ug/ml
8) T n-Octadecane (C18)	11.047	2872319	20.580 ug/ml
10) T n-Eicosane (C20)	12.353	2854951	20.562 ug/ml
11) T n-Heneicosane (C21)	12.963	2880835	20.623 ug/ml
13) T n-Docosane (C22)	13.548	2852696	20.616 ug/ml
14) T n-Tetracosane (C24)	14.650	2832778	20.570 ug/ml
15) T n-Hexacosane (C26)	15.669	2764819	20.527 ug/ml
16) T n-Octacosane (C28)	16.617	2703991	20.407 ug/ml
17) T n-Tricontane (C30)	17.504	2611415	20.318 ug/ml
18) T n-Dotriacontane (C32)	18.336	2470654	20.080 ug/ml
19) T n-Tetratriacontane (C34)	19.119	2346754	20.060 ug/ml
20) T n-Hexatriacontane (C36)	19.858	2201412	19.944 ug/ml
21) T n-Octatriacontane (C38)	20.564	2052865	20.082 ug/ml
22) T n-Tetracontane (C40)	21.393	2196123	20.525 ug/ml

(f)=RT Delta > 1/2 Window

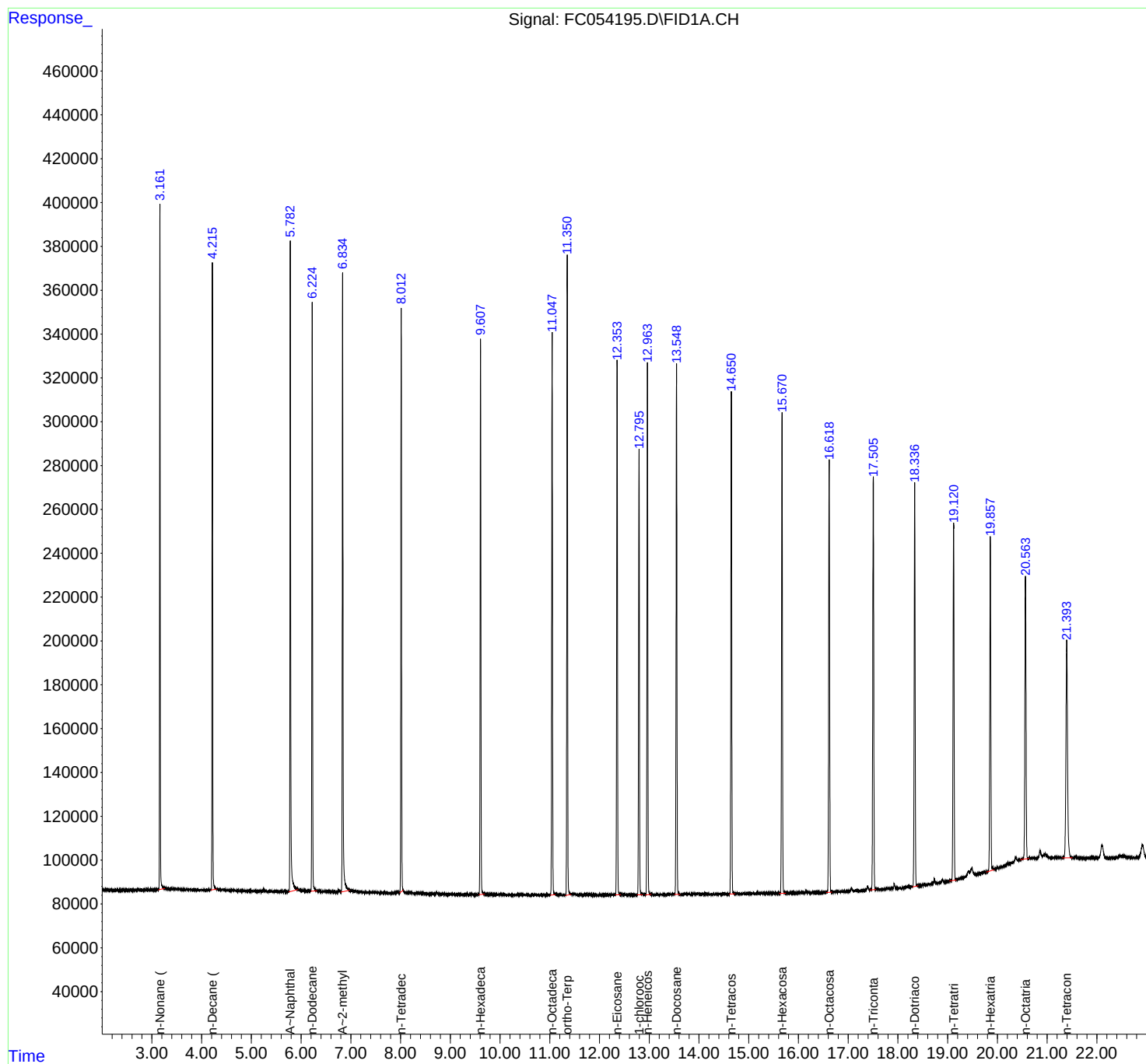
(m)=manual int.

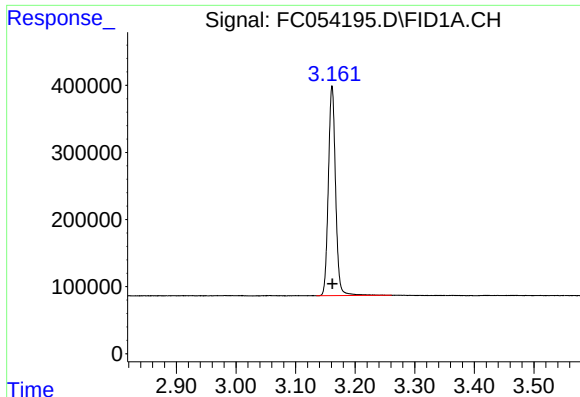
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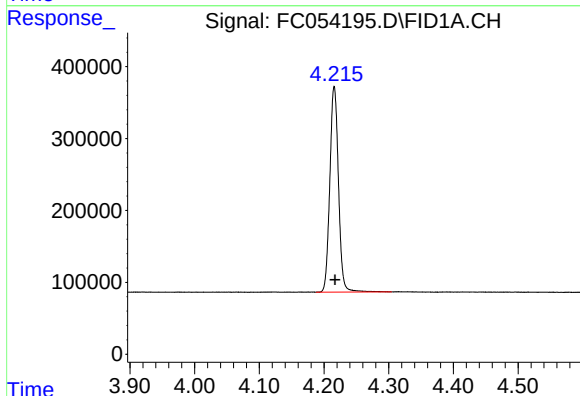




#1 n-Nonane (C9)

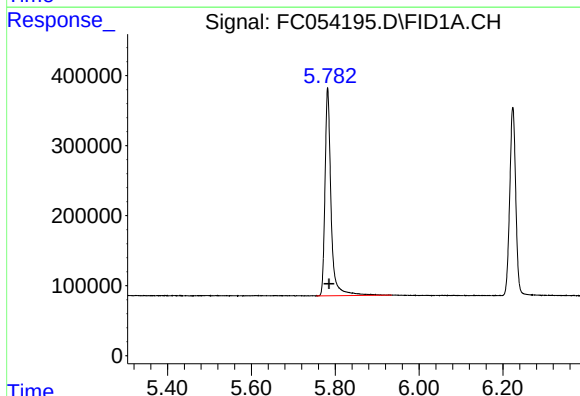
R.T.: 3.161 min
Delta R.T.: 0.000 min
Response: 2633906
Conc: 20.47 ug/ml

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20 PPM ALIPHATIC HC STD



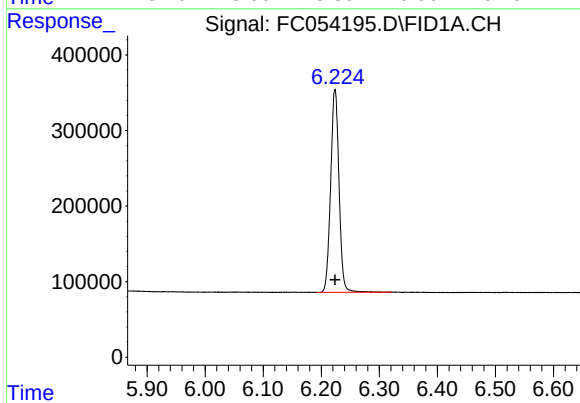
#2 n-Decane (C10)

R.T.: 4.216 min
Delta R.T.: 0.000 min
Response: 2654041
Conc: 20.70 ug/ml



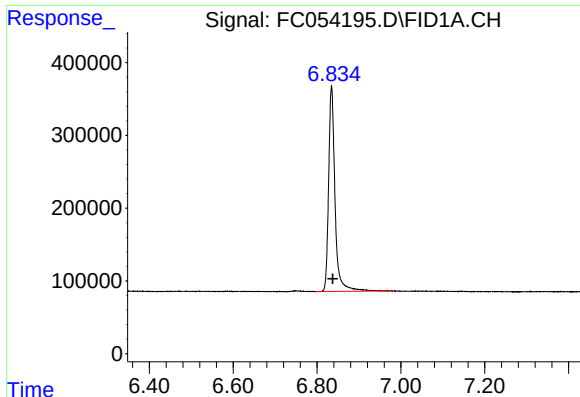
#3 A~Naphthalene (C11.7)

R.T.: 5.782 min
Delta R.T.: -0.003 min
Response: 2972765
Conc: 20.58 ug/ml



#4 n-Dodecane (C12)

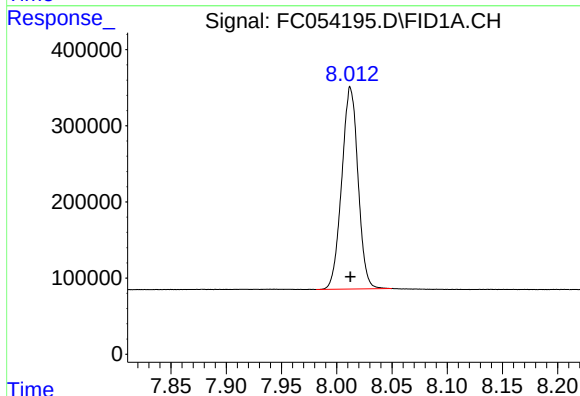
R.T.: 6.224 min
Delta R.T.: 0.000 min
Response: 2690250
Conc: 20.52 ug/ml



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

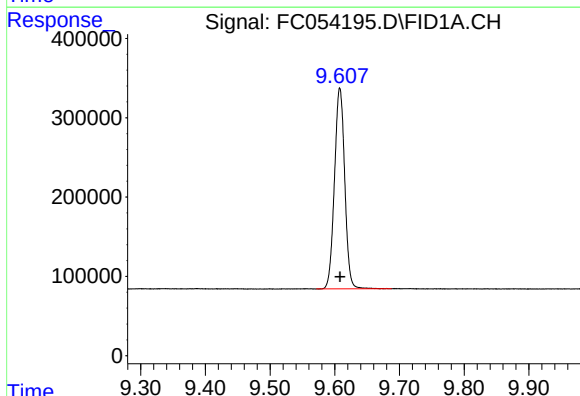
R.T.: 6.835 min
Delta R.T.: -0.003 min
Response: 2986198
Conc: 20.68 ug/ml

Instrument :
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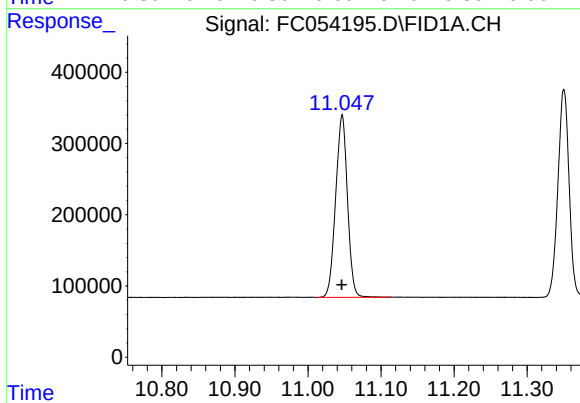
#6 n-Tetradecane (C14)

R.T.: 8.012 min
Delta R.T.: 0.000 min
Response: 2726451
Conc: 20.56 ug/ml



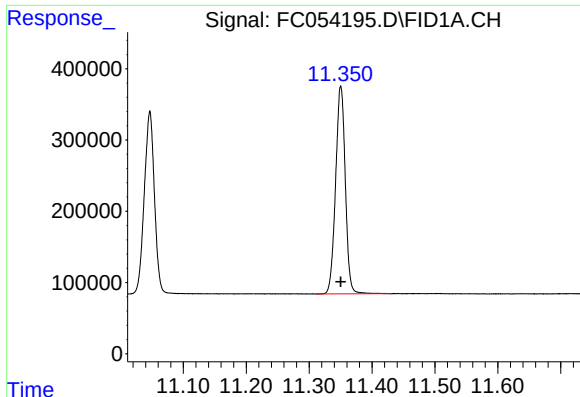
#7 n-Hexadecane (C16)

R.T.: 9.608 min
Delta R.T.: 0.000 min
Response: 2793184
Conc: 20.65 ug/ml



#8 n-Octadecane (C18)

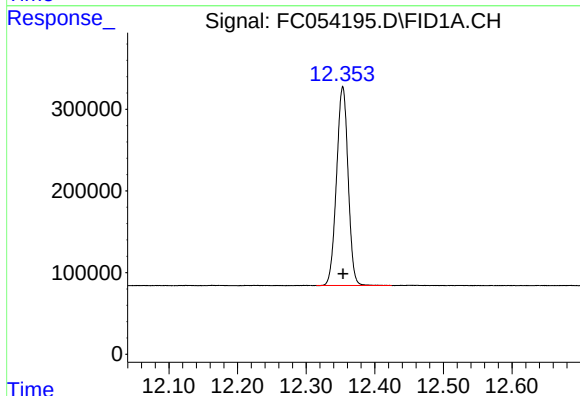
R.T.: 11.047 min
Delta R.T.: 0.000 min
Response: 2872319
Conc: 20.58 ug/ml



#9 ortho-Terphenyl (SURR)

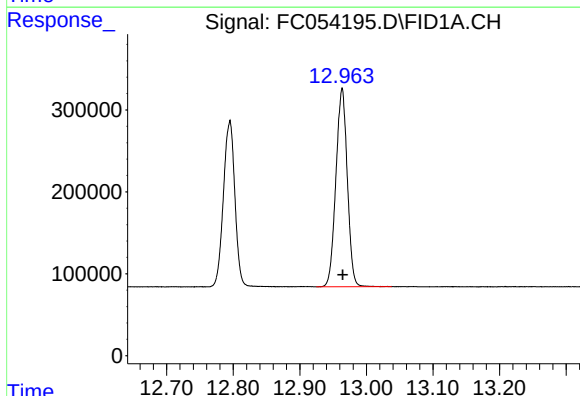
R.T.: 11.350 min
Delta R.T.: 0.000 min
Response: 3126164
Conc: 20.59 ug/ml

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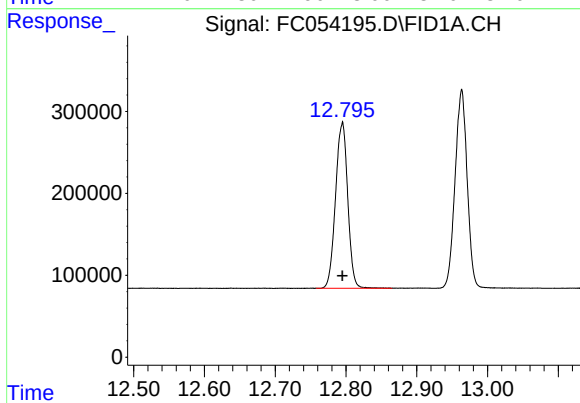
#10 n-Eicosane (C20)

R.T.: 12.353 min
Delta R.T.: 0.000 min
Response: 2854951
Conc: 20.56 ug/ml



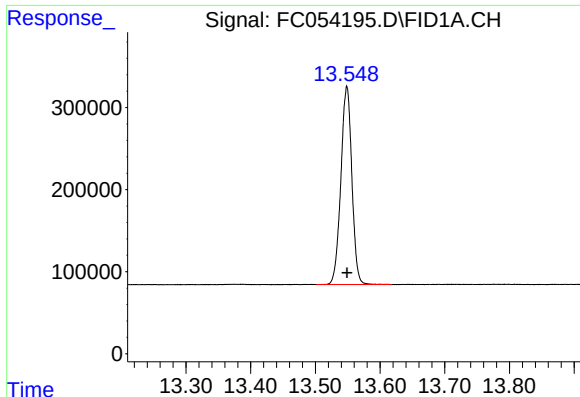
#11 n-Heneicosane (C21)

R.T.: 12.963 min
Delta R.T.: -0.001 min
Response: 2880835
Conc: 20.62 ug/ml



#12 1-chlorooctadecane (SURR)

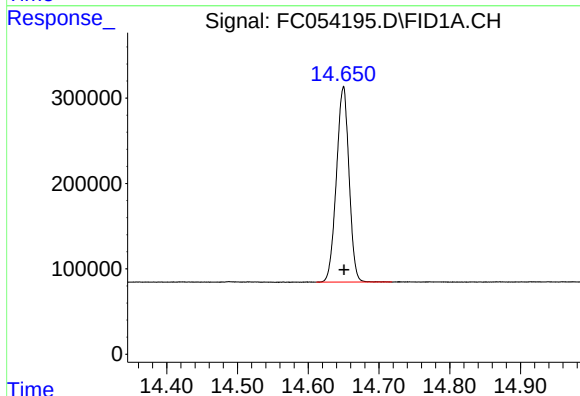
R.T.: 12.795 min
Delta R.T.: 0.000 min
Response: 2423904
Conc: 20.58 ug/ml



#13 n-Docosane (C22)

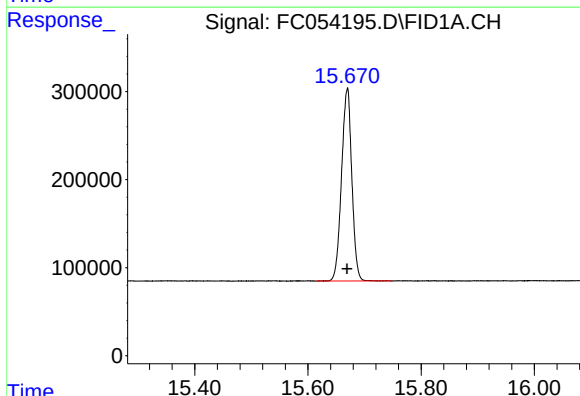
R.T.: 13.548 min
Delta R.T.: 0.000 min
Response: 2852696
Conc: 20.62 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



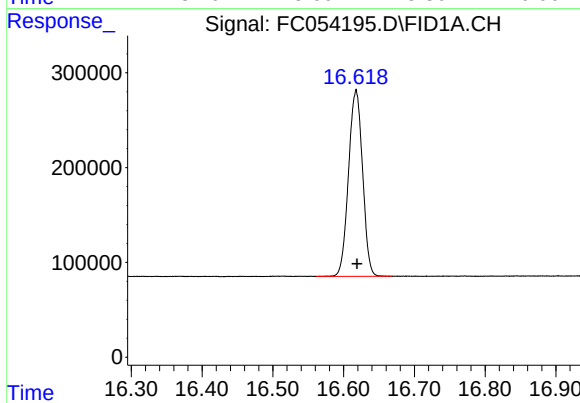
#14 n-Tetracosane (C24)

R.T.: 14.650 min
Delta R.T.: -0.001 min
Response: 2832778
Conc: 20.57 ug/ml



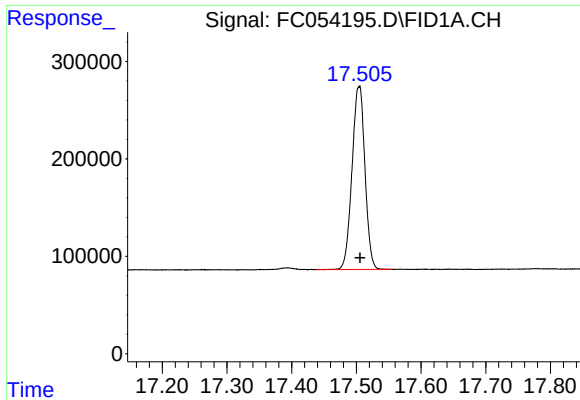
#15 n-Hexacosane (C26)

R.T.: 15.669 min
Delta R.T.: 0.000 min
Response: 2764819
Conc: 20.53 ug/ml



#16 n-Octacosane (C28)

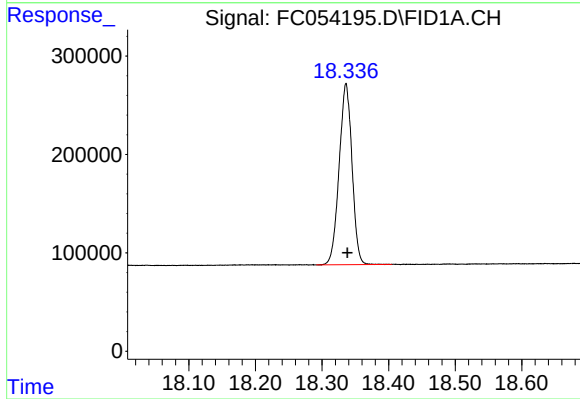
R.T.: 16.617 min
Delta R.T.: -0.002 min
Response: 2703991
Conc: 20.41 ug/ml



#17 n-Tricontane (C30)

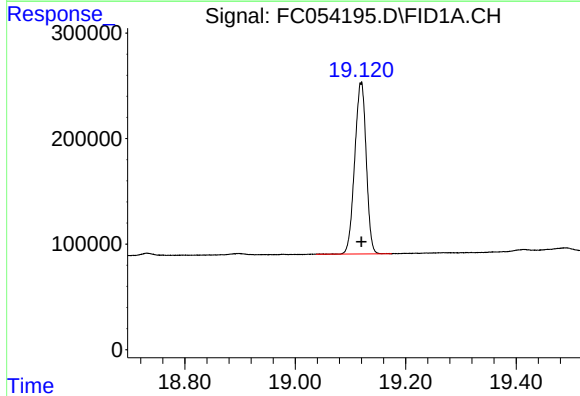
R.T.: 17.504 min
Delta R.T.: -0.002 min
Response: 2611415
Conc: 20.32 ug/ml

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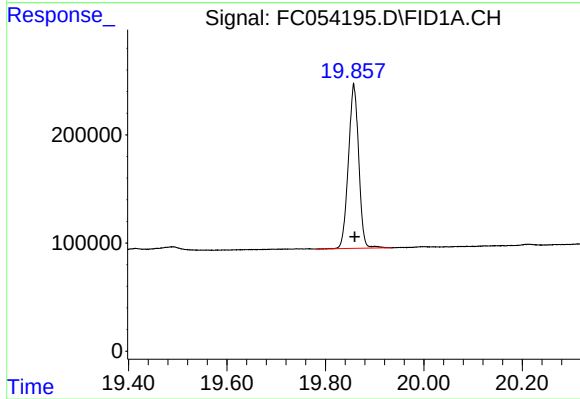
#18 n-Dotriacontane (C32)

R.T.: 18.336 min
Delta R.T.: -0.002 min
Response: 2470654
Conc: 20.08 ug/ml



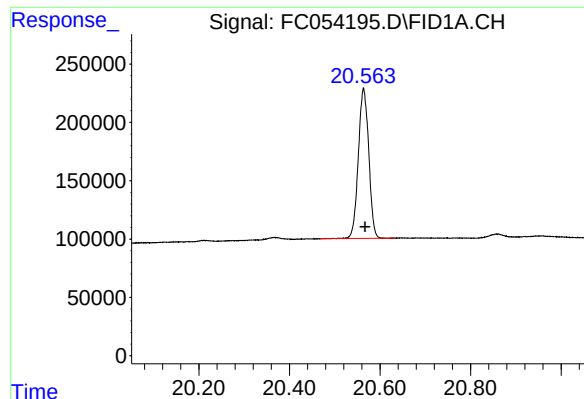
#19 n-Tetratriacontane (C34)

R.T.: 19.119 min
Delta R.T.: 0.000 min
Response: 2346754
Conc: 20.06 ug/ml



#20 n-Hexatriacontane (C36)

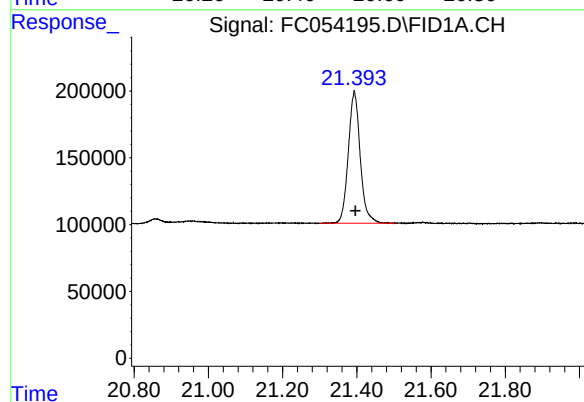
R.T.: 19.858 min
Delta R.T.: -0.002 min
Response: 2201412
Conc: 19.94 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.564 min
Delta R.T.: -0.003 min
Response: 2052865
Conc: 20.08 ug/ml

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FID_C
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.393 min
Delta R.T.: -0.003 min
Response: 2196123
Conc: 20.52 ug/ml