

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC072221AL\
 Data File : FC054794.D
 Signal(s) : FID1A.CH
 Acq On : 22 Jul 2021 23:56
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

mohammad
 7/23/2021 4:30:23 PM

Integration File: autoint1.e
 Quant Time: Jul 23 02:07:02 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 072121.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 21 03:37:32 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)	11.312	2970155	21.353 ug/ml
Spiked Amount 50.000		Recovery =	42.71%
12) S 1-chlorooctadecane (S...	12.756	2352274	21.160 ug/ml
Spiked Amount 50.000		Recovery =	42.32%
Target Compounds			
1) T n-Nonane (C9)	3.135	2422772	21.115 ug/ml
2) T n-Decane (C10)	4.186	2477696	21.320 ug/ml
3) T A~Naphthalene (C11.7)	5.751	2613499	21.721 ug/ml
4) T n-Dodecane (C12)	6.191	2550915	21.343 ug/ml
5) T A~2-methylnaphthalene...	6.803	2674287	21.898 ug/ml
6) T n-Tetradecane (C14)	7.977	2634942	21.419 ug/ml
7) T n-Hexadecane (C16)	9.572	2698130	21.403 ug/ml
8) T n-Octadecane (C18)	11.009	2790194	21.287 ug/ml
10) T n-Eicosane (C20)	12.314	2784658	21.134 ug/ml
11) T n-Heneicosane (C21)	12.925	2811334	21.109 ug/ml
13) T n-Docosane (C22)	13.509	2788606	21.058 ug/ml
14) T n-Tetracosane (C24)	14.609	2765879	20.979 ug/ml
15) T n-Hexacosane (C26)	15.628	2659319	20.676 ug/ml
16) T n-Octacosane (C28)	16.576	2554645	19.397 ug/ml
17) T n-Tricontane (C30)	17.461	2413869	16.963 ug/ml
18) T n-Dotriacontane (C32)	18.292	2261272	18.272 ug/ml
19) T n-Tetratriacontane (C34)	19.075	2154214	21.039 ug/ml
20) T n-Hexatriacontane (C36)	19.814	2054120	21.689 ug/ml
21) T n-Octatriacontane (C38)	20.517	2201470	23.643 ug/mlm
22) T n-Tetracontane (C40)	21.332	2164657	22.303 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : AJ\MA
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

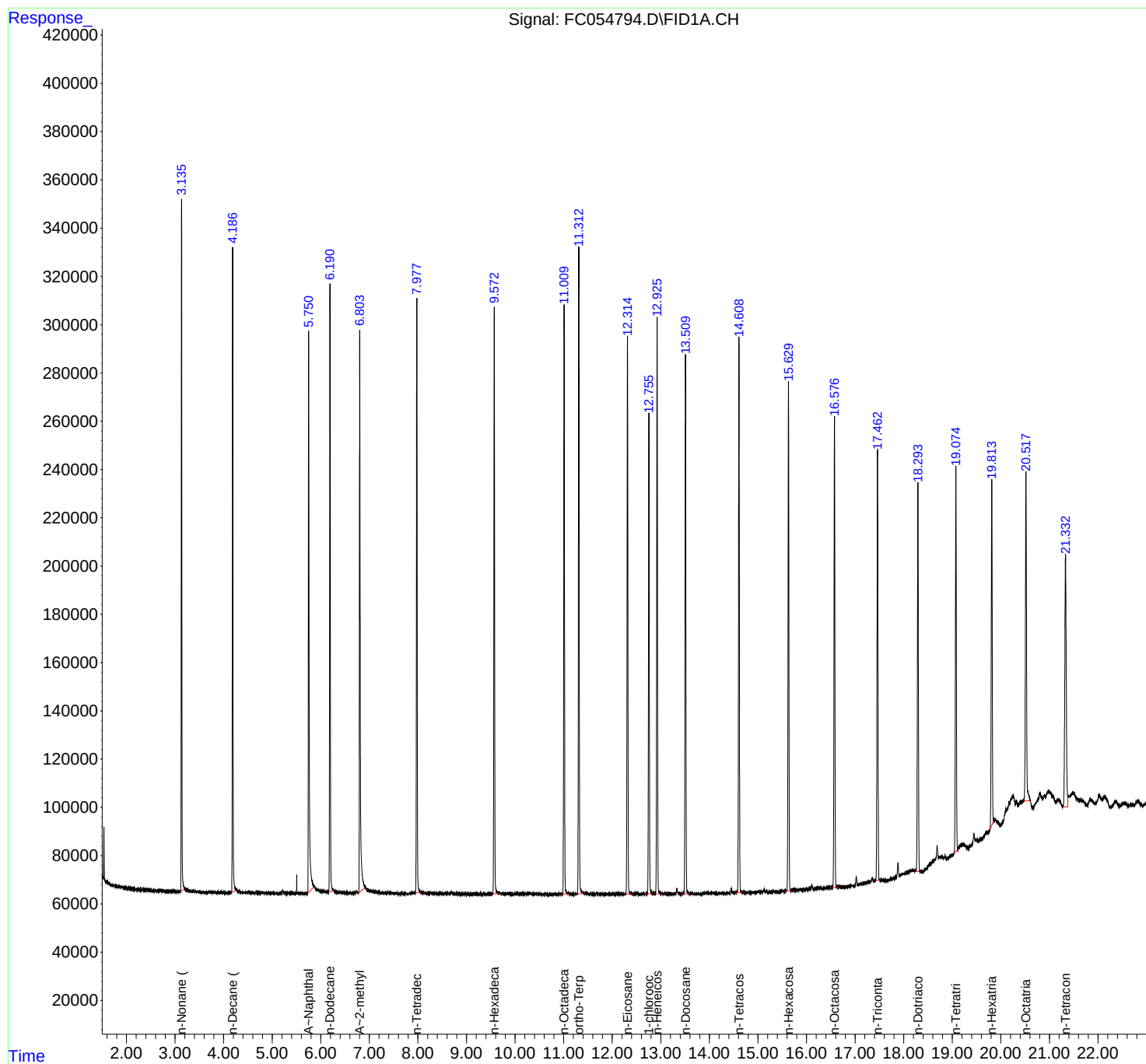
Instrument :
FID_C
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20 PPM ALIPHATIC HC STD

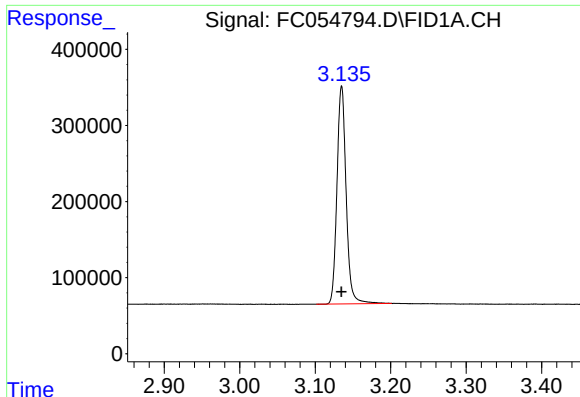
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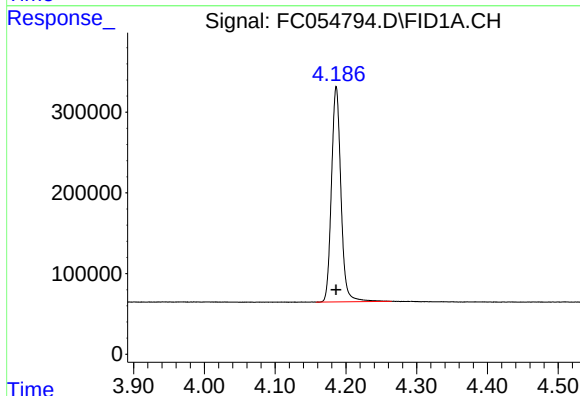
#1 n-Nonane (C9)

R.T.: 3.135 min
Delta R.T.: 0.000 min
Response: 2422772
Conc: 21.12 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

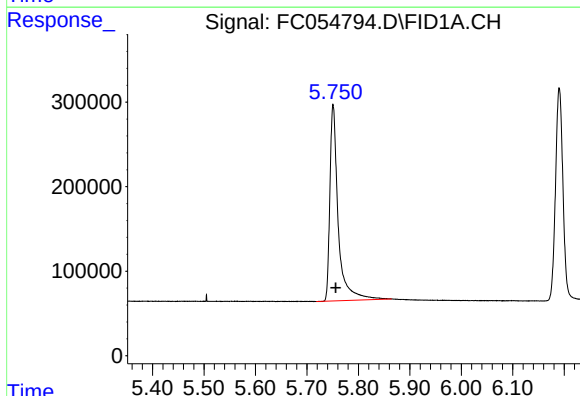
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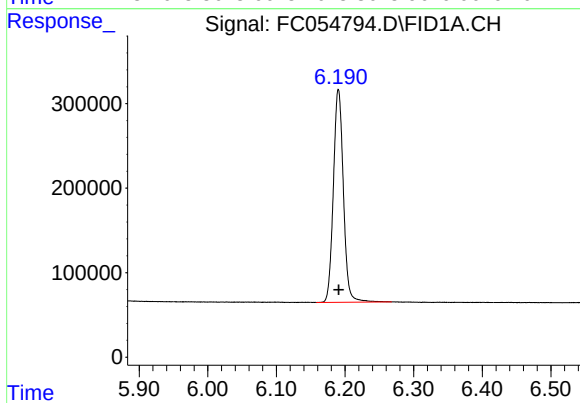
#2 n-Decane (C10)

R.T.: 4.186 min
Delta R.T.: 0.000 min
Response: 2477696
Conc: 21.32 ug/ml



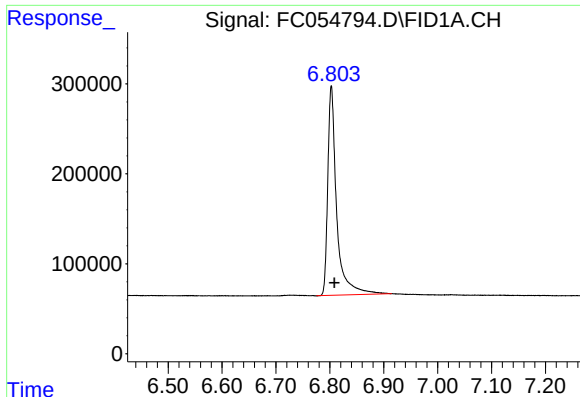
#3 A~Naphthalene (C11.7)

R.T.: 5.751 min
Delta R.T.: -0.005 min
Response: 2613499
Conc: 21.72 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.191 min
Delta R.T.: 0.000 min
Response: 2550915
Conc: 21.34 ug/ml



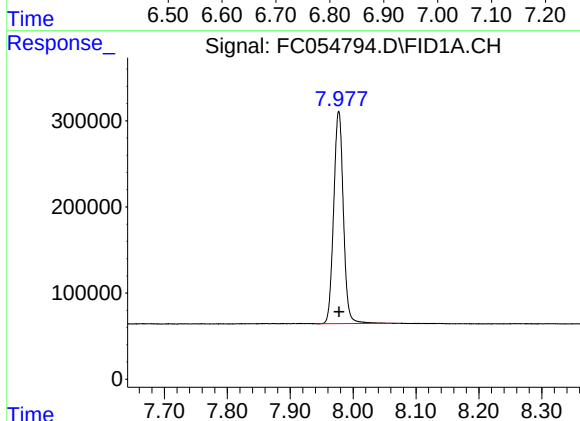
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.803 min
Delta R.T.: -0.005 min
Response: 2674287
Conc: 21.90 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD

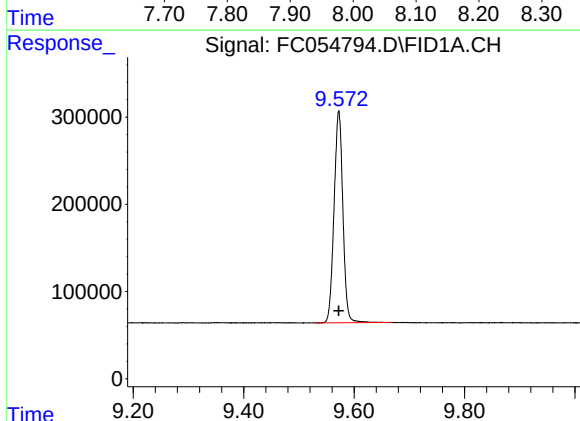
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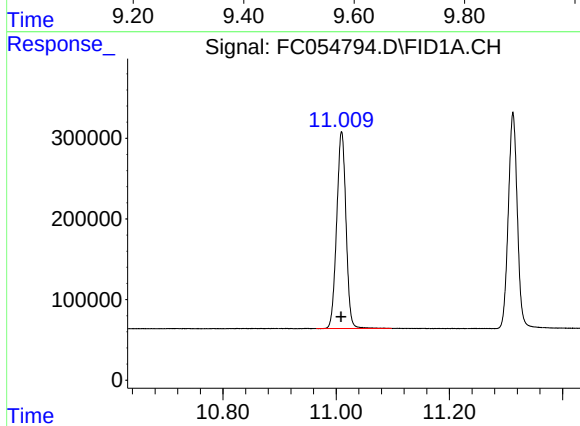
#6 n-Tetradecane (C14)

R.T.: 7.977 min
Delta R.T.: 0.000 min
Response: 2634942
Conc: 21.42 ug/ml



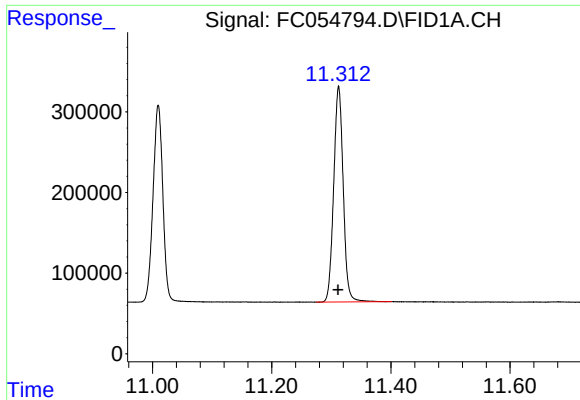
#7 n-Hexadecane (C16)

R.T.: 9.572 min
Delta R.T.: 0.000 min
Response: 2698130
Conc: 21.40 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.009 min
Delta R.T.: 0.000 min
Response: 2790194
Conc: 21.29 ug/ml



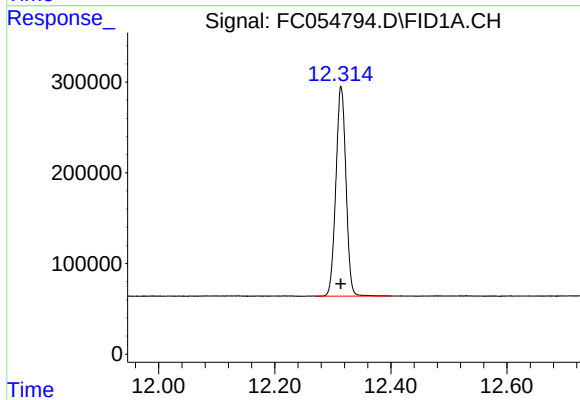
#9 ortho-Terphenyl (SURR)

R.T.: 11.312 min
Delta R.T.: 0.001 min
Response: 2970155
Conc: 21.35 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD

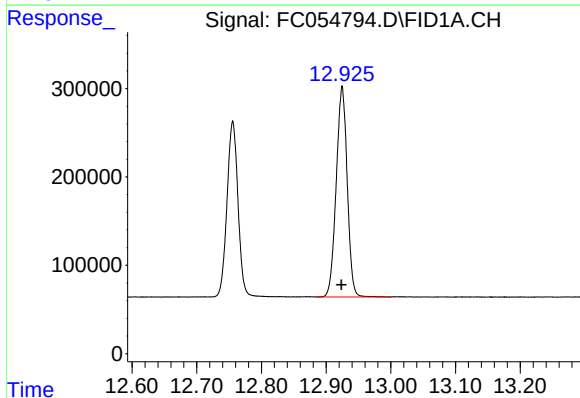
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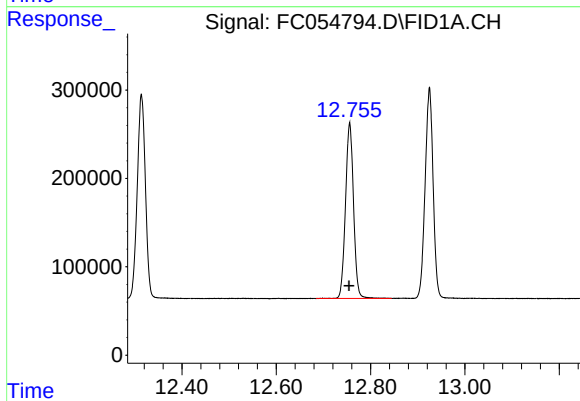
#10 n-Eicosane (C20)

R.T.: 12.314 min
Delta R.T.: 0.000 min
Response: 2784658
Conc: 21.13 ug/ml



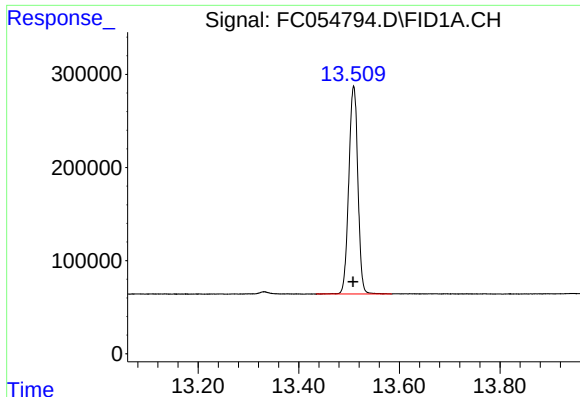
#11 n-Heneicosane (C21)

R.T.: 12.925 min
Delta R.T.: 0.000 min
Response: 2811334
Conc: 21.11 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.756 min
Delta R.T.: 0.000 min
Response: 2352274
Conc: 21.16 ug/ml



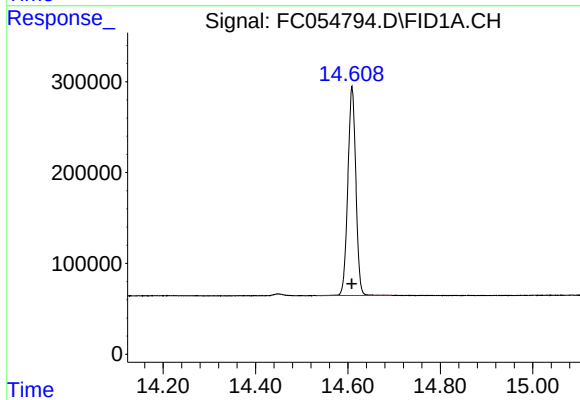
#13 n-Docosane (C22)

R.T.: 13.509 min
Delta R.T.: 0.000 min
Response: 2788606
Conc: 21.06 ug/ml

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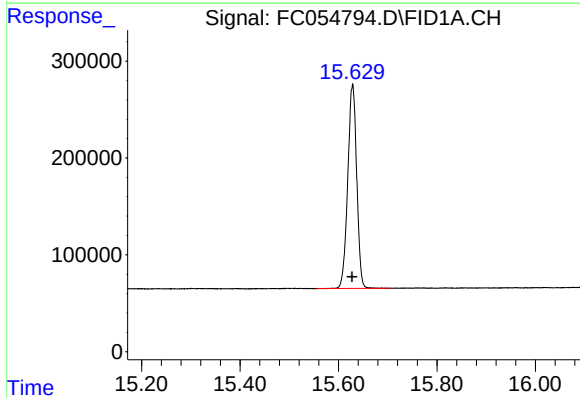
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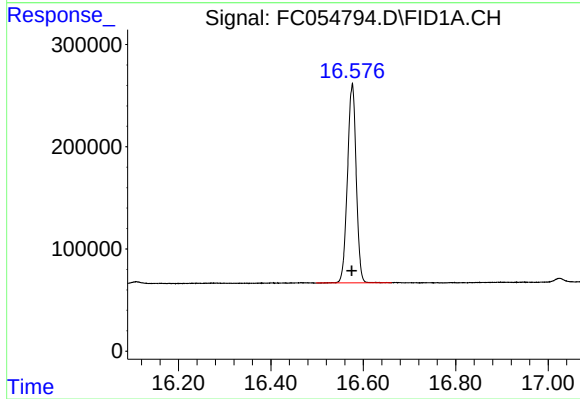
#14 n-Tetracosane (C24)

R.T.: 14.609 min
Delta R.T.: 0.000 min
Response: 2765879
Conc: 20.98 ug/ml



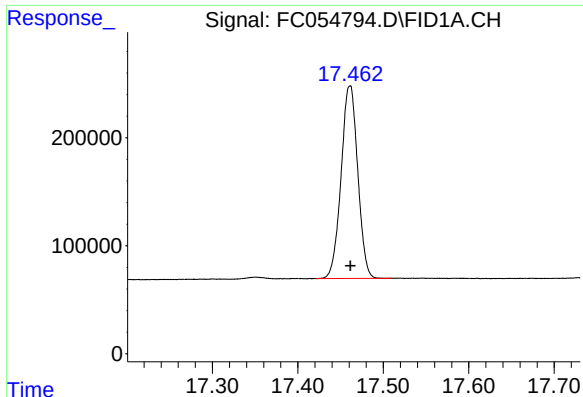
#15 n-Hexacosane (C26)

R.T.: 15.628 min
Delta R.T.: 0.001 min
Response: 2659319
Conc: 20.68 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.576 min
Delta R.T.: 0.000 min
Response: 2554645
Conc: 19.40 ug/ml



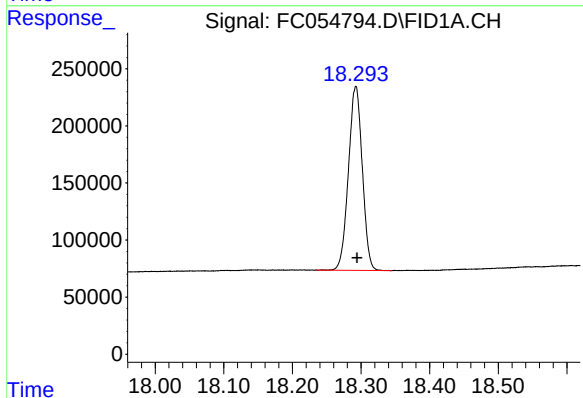
#17 n-Tricontane (C30)

R.T.: 17.461 min
Delta R.T.: 0.000 min
Response: 2413869
Conc: 16.96 ug/ml

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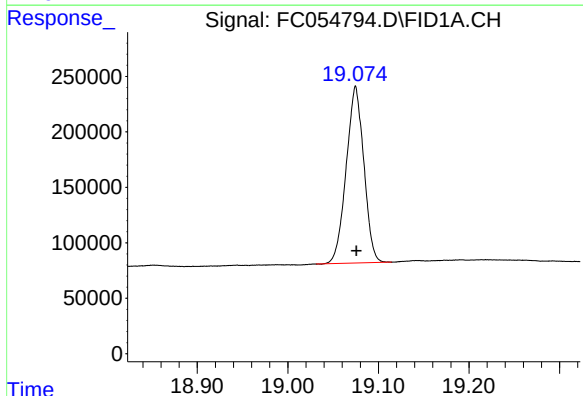
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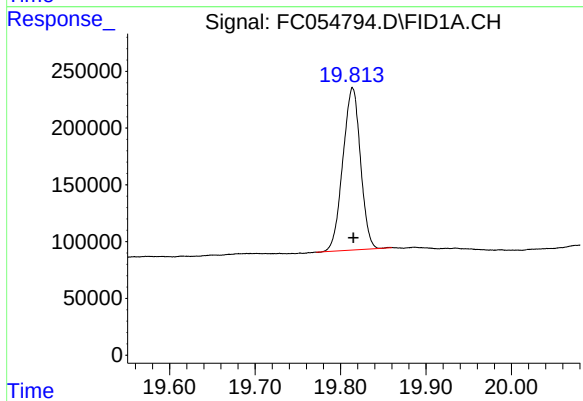
#18 n-Dotriacontane (C32)

R.T.: 18.292 min
Delta R.T.: -0.002 min
Response: 2261272
Conc: 18.27 ug/ml



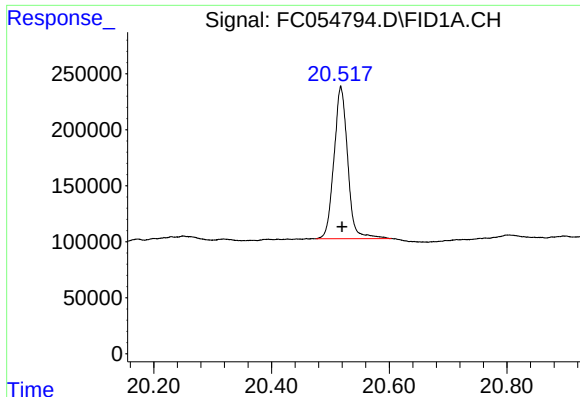
#19 n-Tetratriacontane (C34)

R.T.: 19.075 min
Delta R.T.: -0.001 min
Response: 2154214
Conc: 21.04 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.814 min
Delta R.T.: -0.002 min
Response: 2054120
Conc: 21.69 ug/ml



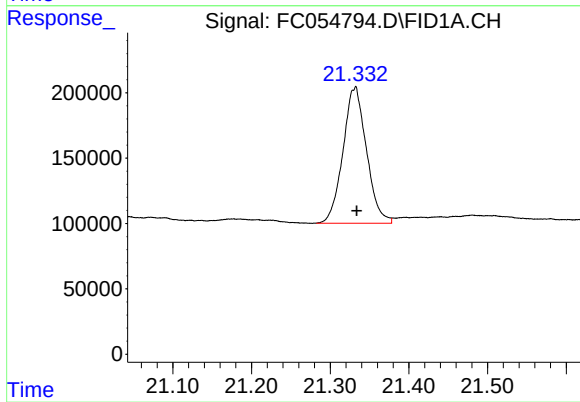
#21 n-Octatriacontane (C38)

R.T.: 20.517 min
Delta R.T.: -0.003 min
Response: 2201470
Conc: 23.64 ug/ml m

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#22 n-Tetracontane (C40)

R.T.: 21.332 min
Delta R.T.: -0.001 min
Response: 2164657
Conc: 22.30 ug/ml m