

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC062921AL\
 Data File : FC054509.D
 Signal(s) : FID1A.CH
 Acq On : 30 Jun 2021 1:23
 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: sample.E
 Quant Time: Jun 30 04:01:34 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)	11.335	2845846	20.102 ug/ml
Spiked Amount 50.000		Recovery =	40.20%
12) S 1-chlorooctadecane (S...	12.778	2222463	19.937 ug/ml
Spiked Amount 50.000		Recovery =	39.87%
Target Compounds			
1) T n-Nonane (C9)	3.147	2409240	20.488 ug/ml
2) T n-Decane (C10)	4.203	2474413	20.839 ug/ml
3) T A~Naphthalene (C11.7)	5.769	2736041	20.811 ug/ml
4) T n-Dodecane (C12)	6.211	2543544	21.222 ug/ml
5) T A~2-methylnaphthalene...	6.822	2777423	21.038 ug/ml
6) T n-Tetradecane (C14)	7.999	2613056	21.447 ug/ml
7) T n-Hexadecane (C16)	9.594	2644323	21.229 ug/ml
8) T n-Octadecane (C18)	11.032	2698069	20.890 ug/ml
10) T n-Eicosane (C20)	12.337	2650280	20.368 ug/ml
11) T n-Heneicosane (C21)	12.948	2650982	19.967 ug/ml
13) T n-Docosane (C22)	13.533	2598349	19.613 ug/ml
14) T n-Tetracosane (C24)	14.633	2588797	19.124 ug/ml
15) T n-Hexacosane (C26)	15.652	2414762	17.820 ug/ml
16) T n-Octacosane (C28)	16.600	2330843	16.982 ug/ml
17) T n-Tricontane (C30)	17.487	2245712	16.214 ug/ml
18) T n-Dotriacontane (C32)	18.318	2172868	15.882 ug/ml
19) T n-Tetratriacontane (C34)	19.100	2127141	15.743 ug/ml
20) T n-Hexatriacontane (C36)	19.840	2038235	16.512 ug/ml
21) T n-Octatriacontane (C38)	20.544	1989538	17.588 ug/ml
22) T n-Tetracontane (C40)	21.367	2055561	18.186 ug/ml

(f)=RT Delta > 1/2 Window

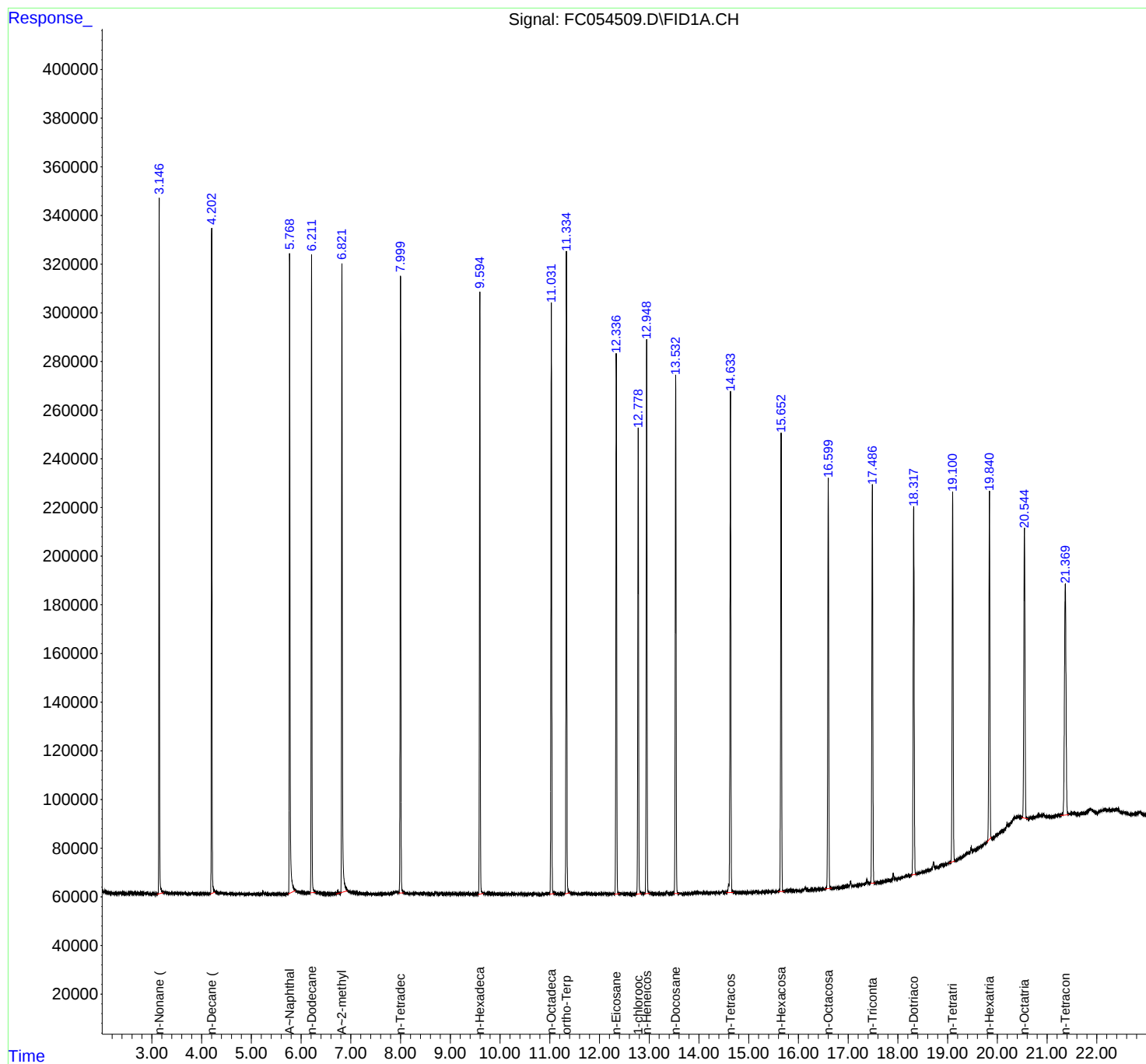
(m)=manual int.

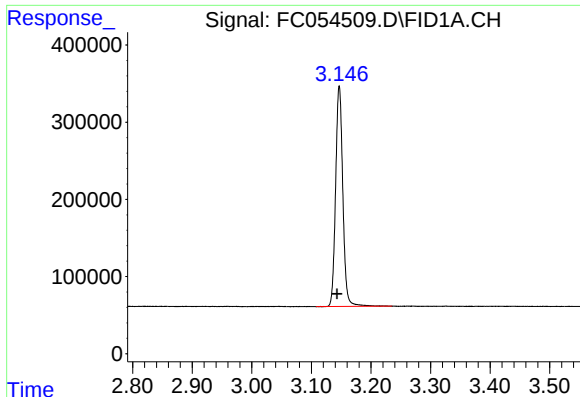
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC062921AL\
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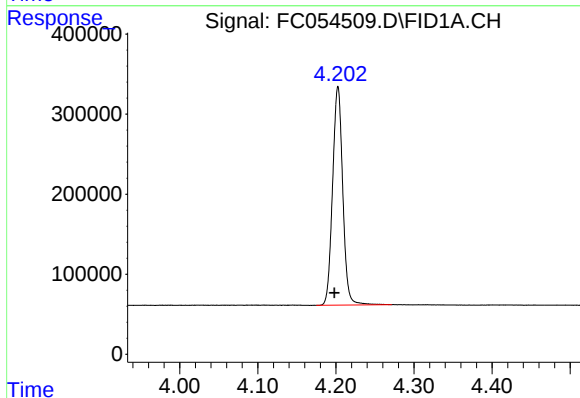




#1 n-Nonane (C9)

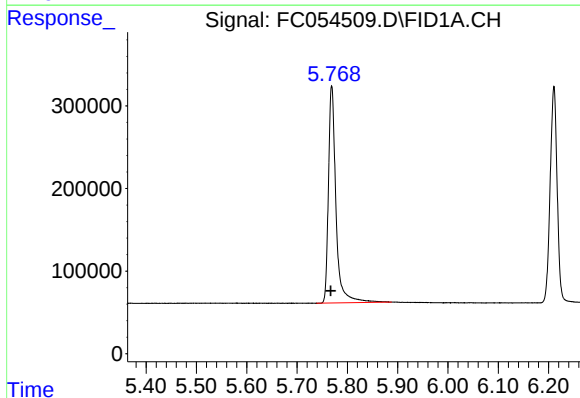
R.T.: 3.147 min
Delta R.T.: 0.004 min
Response: 2409240
Conc: 20.49 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



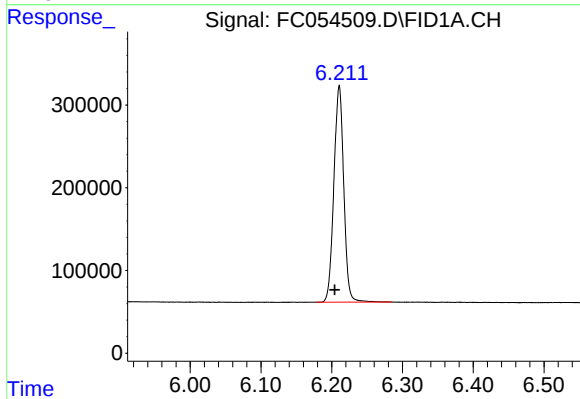
#2 n-Decane (C10)

R.T.: 4.203 min
Delta R.T.: 0.004 min
Response: 2474413
Conc: 20.84 ug/ml



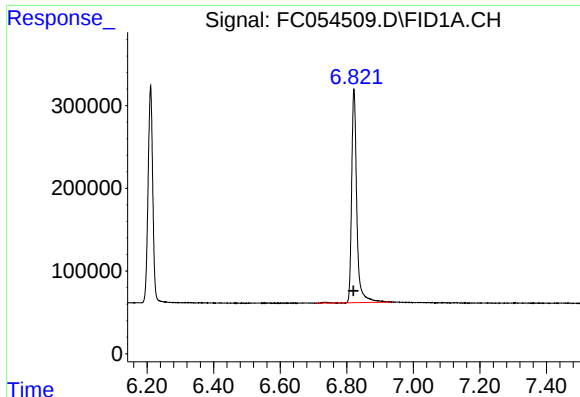
#3 A~Naphthalene (C11.7)

R.T.: 5.769 min
Delta R.T.: 0.002 min
Response: 2736041
Conc: 20.81 ug/ml



#4 n-Dodecane (C12)

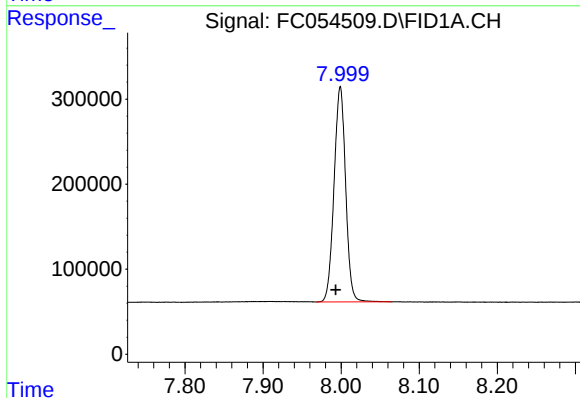
R.T.: 6.211 min
Delta R.T.: 0.006 min
Response: 2543544
Conc: 21.22 ug/ml



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

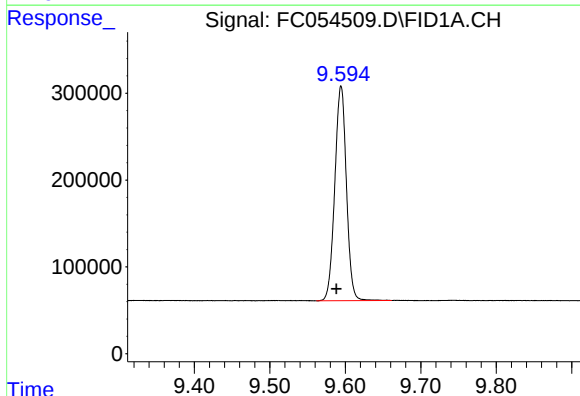
R.T.: 6.822 min
Delta R.T.: 0.002 min
Response: 2777423
Conc: 21.04 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



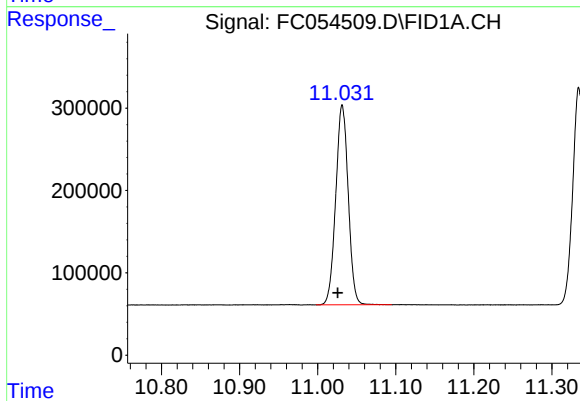
#6 n-Tetradecane (C14)

R.T.: 7.999 min
Delta R.T.: 0.006 min
Response: 2613056
Conc: 21.45 ug/ml



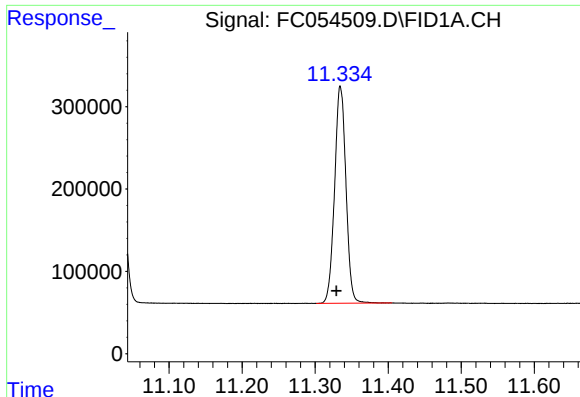
#7 n-Hexadecane (C16)

R.T.: 9.594 min
Delta R.T.: 0.006 min
Response: 2644323
Conc: 21.23 ug/ml



#8 n-Octadecane (C18)

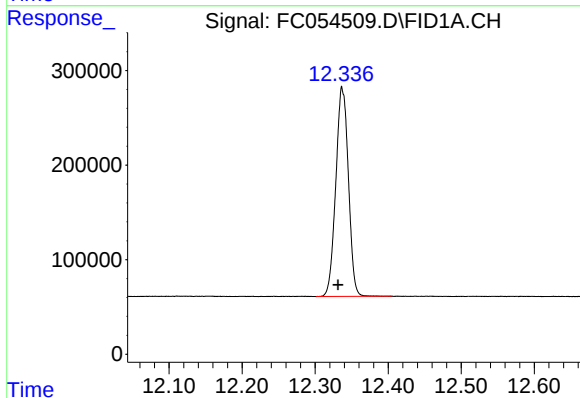
R.T.: 11.032 min
Delta R.T.: 0.006 min
Response: 2698069
Conc: 20.89 ug/ml



#9 ortho-Terphenyl (SURR)

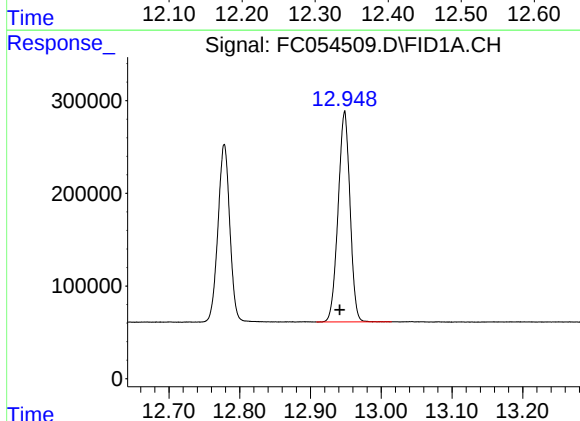
R.T.: 11.335 min
Delta R.T.: 0.006 min
Response: 2845846
Conc: 20.10 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



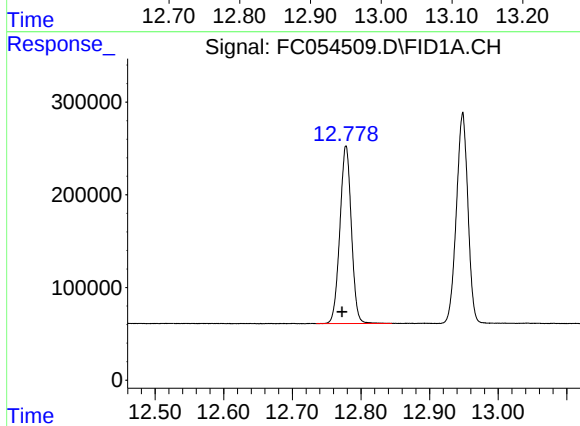
#10 n-Eicosane (C20)

R.T.: 12.337 min
Delta R.T.: 0.006 min
Response: 2650280
Conc: 20.37 ug/ml



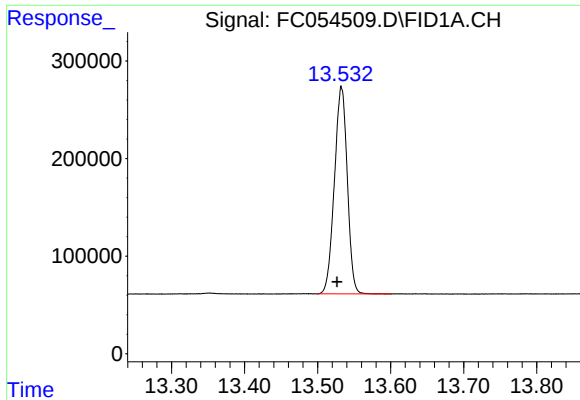
#11 n-Heneicosane (C21)

R.T.: 12.948 min
Delta R.T.: 0.007 min
Response: 2650982
Conc: 19.97 ug/ml



#12 1-chlorooctadecane (SURR)

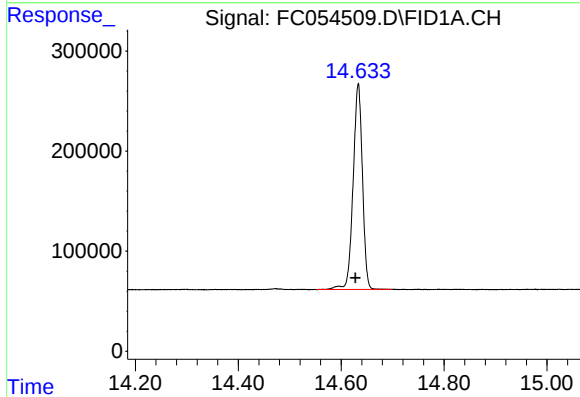
R.T.: 12.778 min
Delta R.T.: 0.005 min
Response: 2222463
Conc: 19.94 ug/ml



#13 n-Docosane (C22)

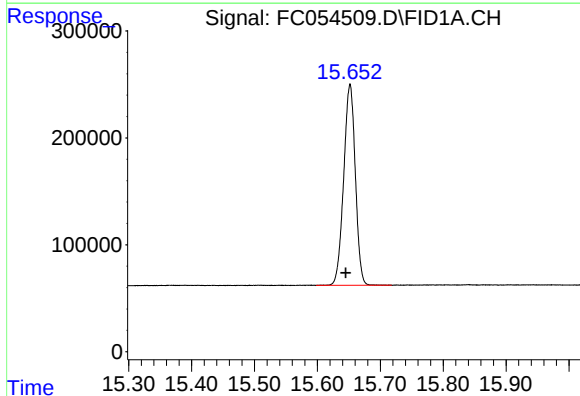
R.T.: 13.533 min
Delta R.T.: 0.006 min
Response: 2598349
Conc: 19.61 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



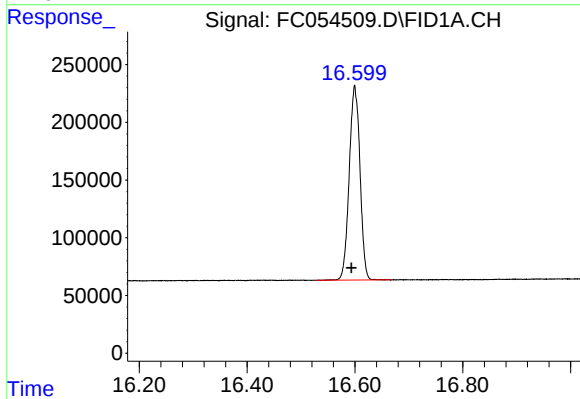
#14 n-Tetracosane (C24)

R.T.: 14.633 min
Delta R.T.: 0.005 min
Response: 2588797
Conc: 19.12 ug/ml



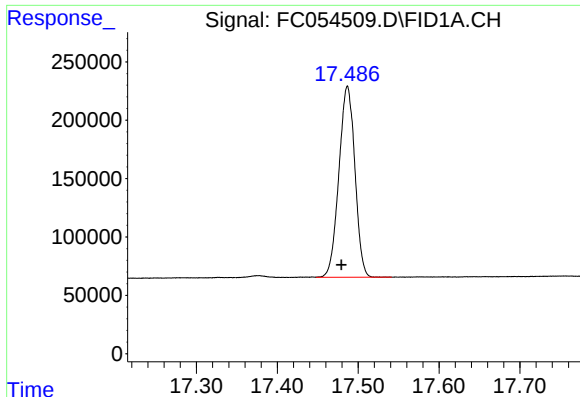
#15 n-Hexacosane (C26)

R.T.: 15.652 min
Delta R.T.: 0.006 min
Response: 2414762
Conc: 17.82 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.600 min
Delta R.T.: 0.006 min
Response: 2330843
Conc: 16.98 ug/ml



#17 n-Tricontane (C30)

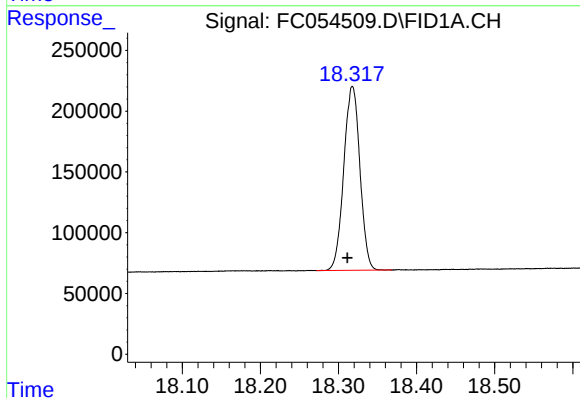
R.T.: 17.487 min

Delta R.T.: 0.008 min

Response: 2245712

Conc: 16.21 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



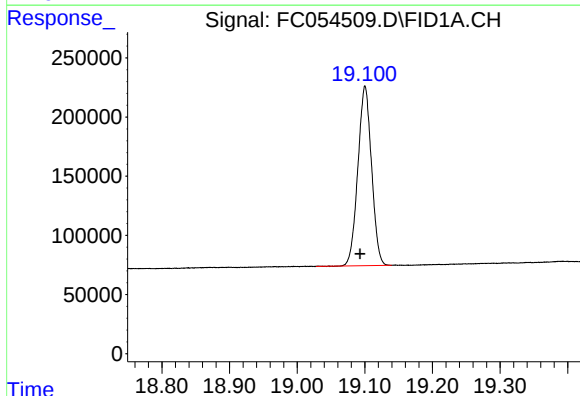
#18 n-Dotriacontane (C32)

R.T.: 18.318 min

Delta R.T.: 0.006 min

Response: 2172868

Conc: 15.88 ug/ml



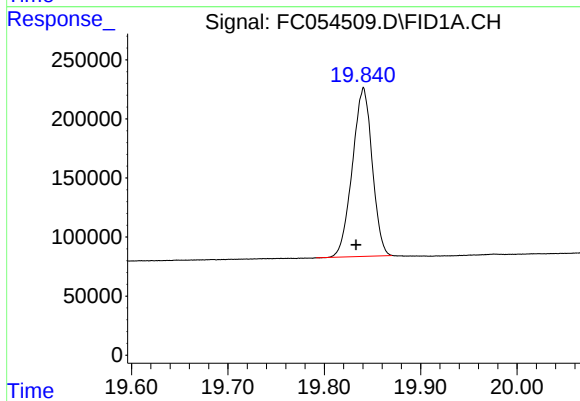
#19 n-Tetratriacontane (C34)

R.T.: 19.100 min

Delta R.T.: 0.007 min

Response: 2127141

Conc: 15.74 ug/ml



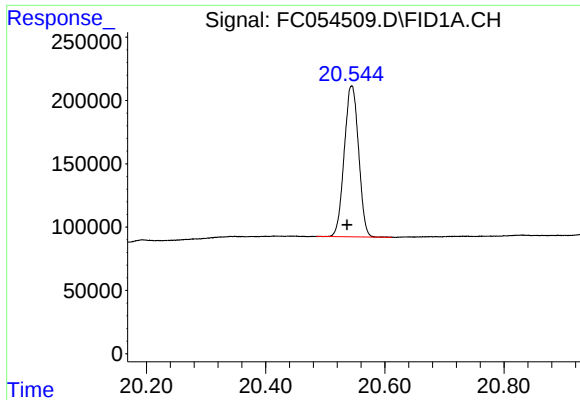
#20 n-Hexatriacontane (C36)

R.T.: 19.840 min

Delta R.T.: 0.008 min

Response: 2038235

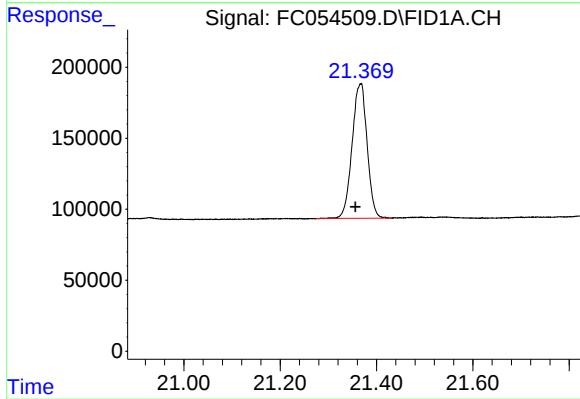
Conc: 16.51 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.544 min
Delta R.T.: 0.007 min
Response: 1989538
Conc: 17.59 ug/ml

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FID_C
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#22 n-Tetracontane (C40)

R.T.: 21.367 min
Delta R.T.: 0.011 min
Response: 2055561
Conc: 18.19 ug/ml