

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC091819AL\
 Data File : FC043547.D
 Signal(s) : FID1A.CH
 Acq On : 18 Sep 2019 9:35
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: sample.E
 Quant Time: Sep 18 15:08:38 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 091619.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 16 12:41:51 2019
 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)	11.594	2886160	20.219 ug/ml
Spiked Amount 50.000		Recovery =	40.44%
12) S 1-chlorooctadecane (S...	13.016	2202409	19.890 ug/ml
Spiked Amount 50.000		Recovery =	39.78%
Target Compounds			
1) T n-Nonane (C9)	3.438	2542325	21.788 ug/ml
2) T n-Decane (C10)	4.492	2585561	22.195 ug/ml
3) T A~Naphthalene (C11.7)	6.070	2629870	22.482 ug/ml
4) T n-Dodecane (C12)	6.485	2668388	21.889 ug/ml
5) T A~2-methylnaphthalene...	7.116	2667437	22.562 ug/ml
6) T n-Tetradecane (C14)	8.261	2698563	21.861 ug/ml
7) T n-Hexadecane (C16)	9.846	2703565	21.558 ug/ml
8) T n-Octadecane (C18)	11.274	2689296	20.858 ug/ml
10) T n-Eicosane (C20)	12.572	2654109	20.269 ug/ml
11) T n-Heneicosane (C21)	13.180	2642614	19.949 ug/ml
13) T n-Docosane (C22)	13.762	2595295	19.775 ug/ml
14) T n-Tetracosane (C24)	14.857	2533132	19.287 ug/ml
15) T n-Hexacosane (C26)	15.871	2449811	19.008 ug/ml
16) T n-Octacosane (C28)	16.816	2358580	18.741 ug/ml
17) T n-Tricontane (C30)	17.698	2287057	18.628 ug/ml
18) T n-Dotriacontane (C32)	18.526	2181132	18.927 ug/ml
19) T n-Tetratriacontane (C34)	19.306	2106525	19.598 ug/ml
20) T n-Hexatriacontane (C36)	20.041	2054714	20.854 ug/ml
21) T n-Octatriacontane (C38)	20.767	1959692	21.299 ug/ml
22) T n-Tetracontane (C40)	21.657	2126598	22.677 ug/ml

(f)=RT Delta > 1/2 Window

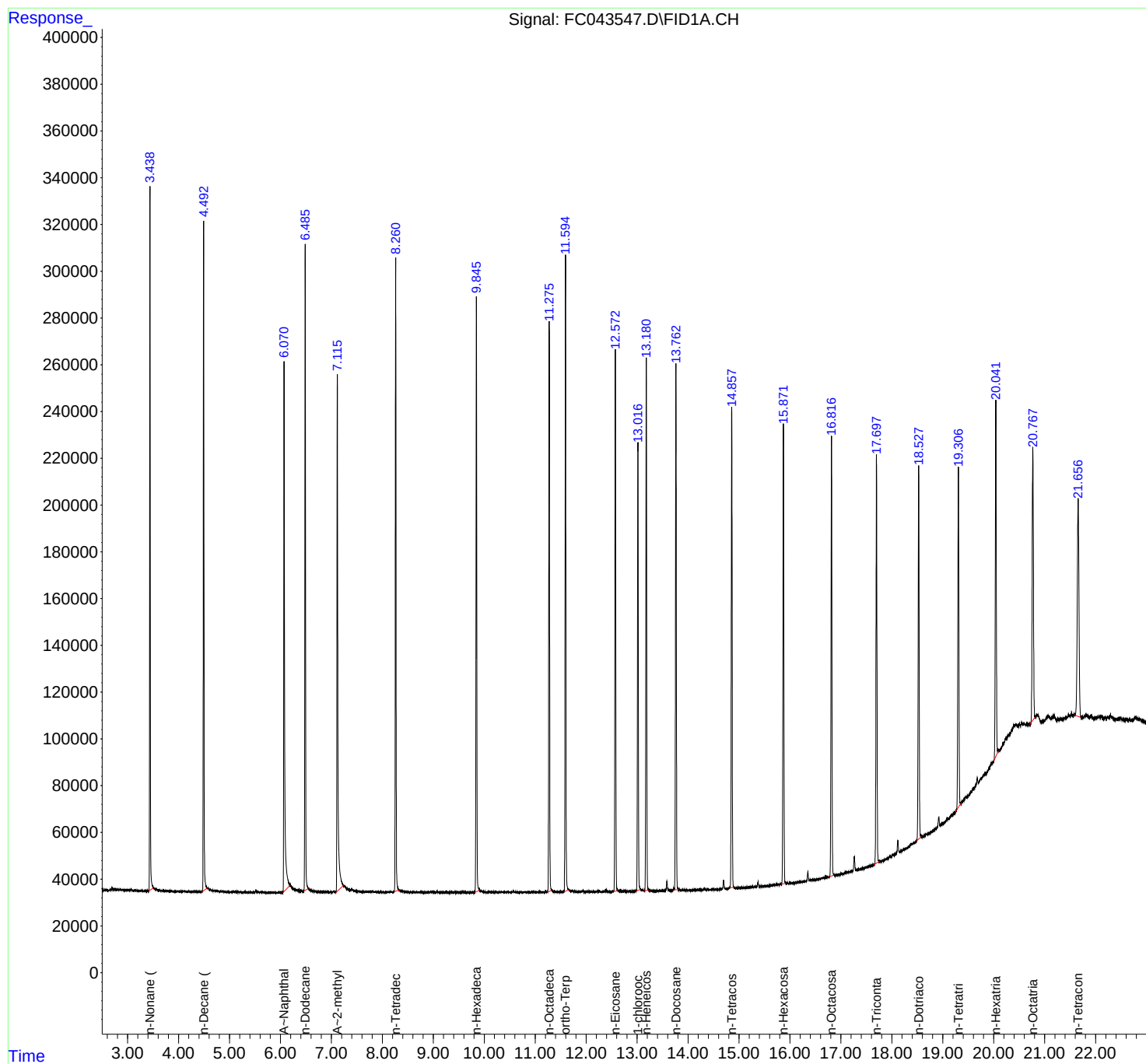
(m)=manual int.

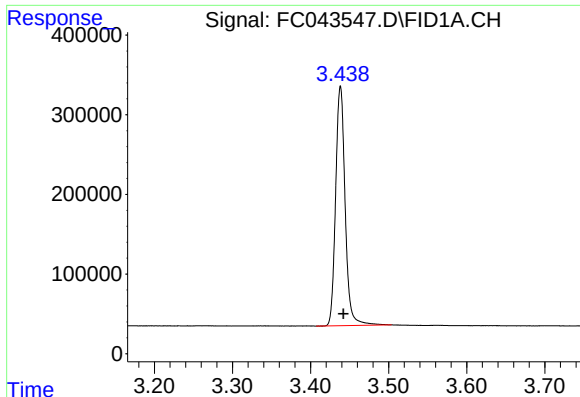
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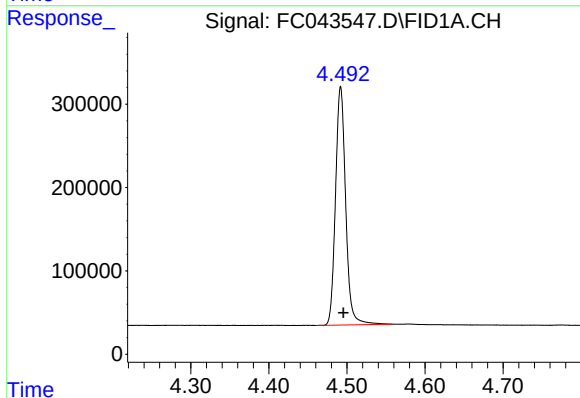




#1 n-Nonane (C9)

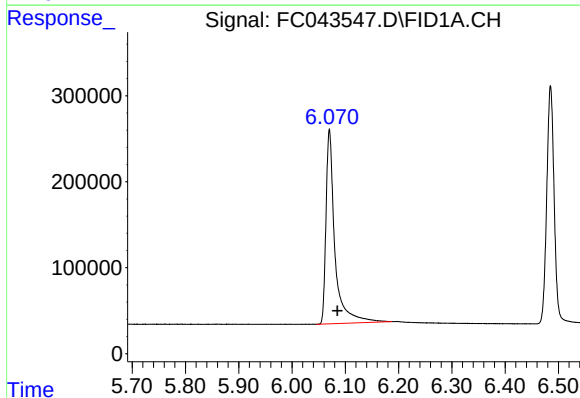
R.T.: 3.438 min
Delta R.T.: -0.004 min
Response: 2542325
Conc: 21.79 ug/ml

Instrument :
FID_C
ClientSampleId :



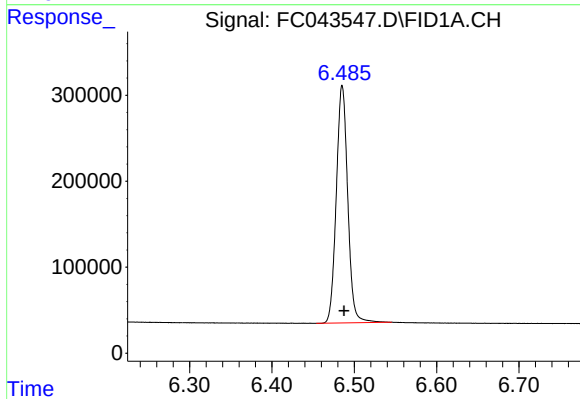
#2 n-Decane (C10)

R.T.: 4.492 min
Delta R.T.: -0.004 min
Response: 2585561
Conc: 22.19 ug/ml



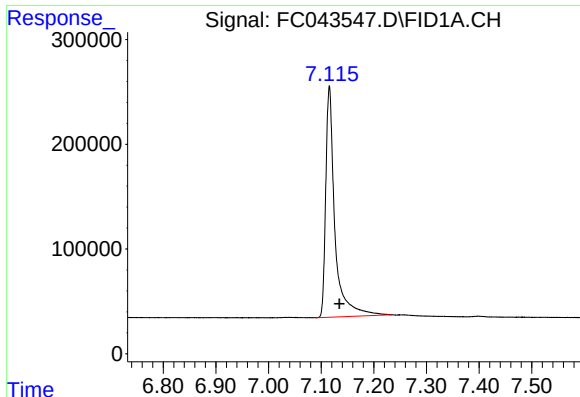
#3 A~Naphthalene (C11.7)

R.T.: 6.070 min
Delta R.T.: -0.015 min
Response: 2629870
Conc: 22.48 ug/ml



#4 n-Dodecane (C12)

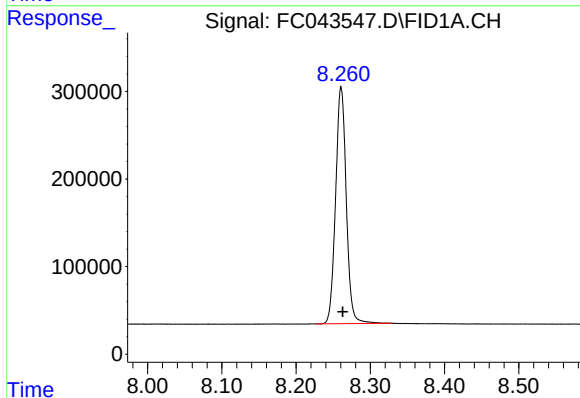
R.T.: 6.485 min
Delta R.T.: -0.002 min
Response: 2668388
Conc: 21.89 ug/ml



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

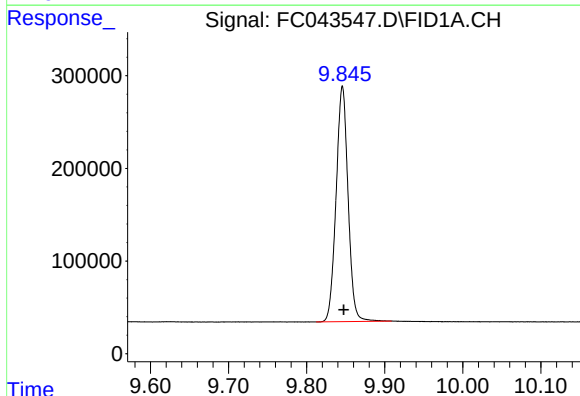
R.T.: 7.116 min
Delta R.T.: -0.019 min
Response: 2667437
Conc: 22.56 ug/ml

Instrument :
FID_C
ClientSampleId :



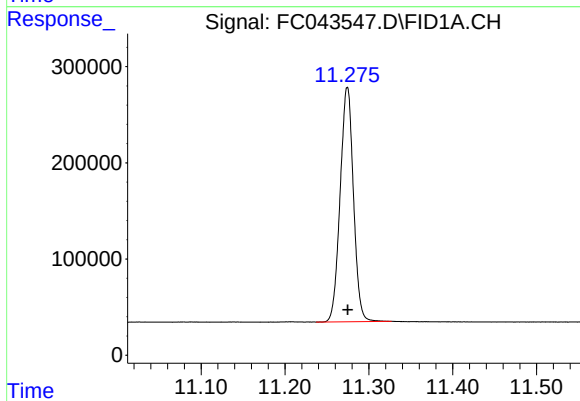
#6 n-Tetradecane (C14)

R.T.: 8.261 min
Delta R.T.: -0.002 min
Response: 2698563
Conc: 21.86 ug/ml



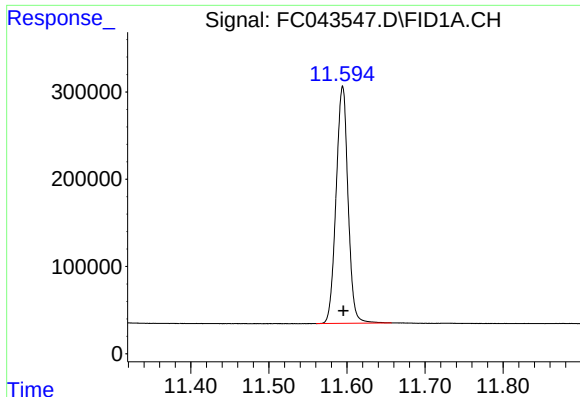
#7 n-Hexadecane (C16)

R.T.: 9.846 min
Delta R.T.: -0.002 min
Response: 2703565
Conc: 21.56 ug/ml



#8 n-Octadecane (C18)

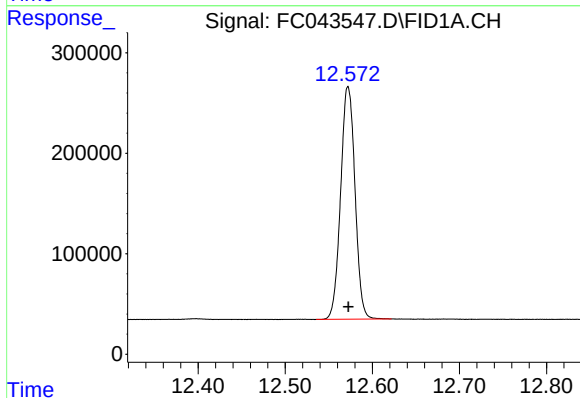
R.T.: 11.274 min
Delta R.T.: 0.000 min
Response: 2689296
Conc: 20.86 ug/ml



#9 ortho-Terphenyl (SURR)

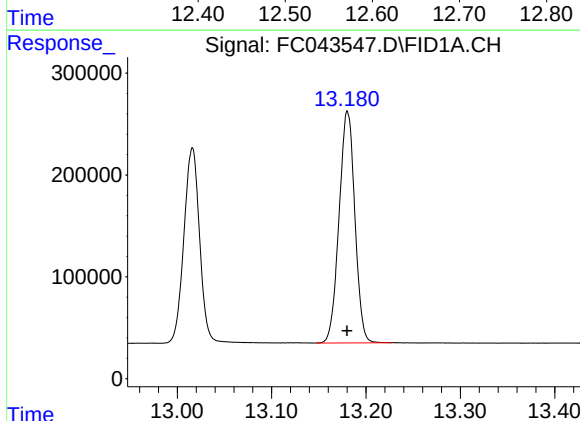
R.T.: 11.594 min
Delta R.T.: -0.001 min
Response: 2886160
Conc: 20.22 ug/ml

Instrument :
FID_C
ClientSampleId :



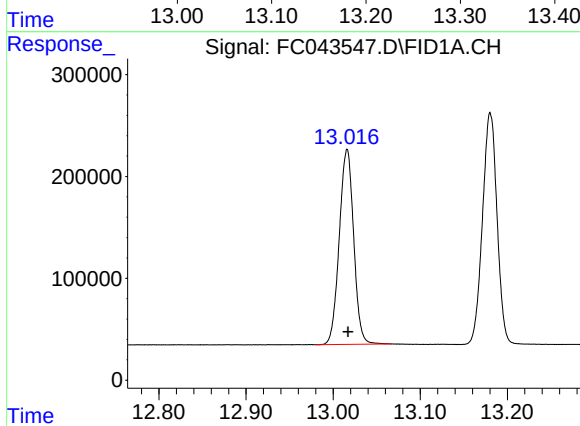
#10 n-Eicosane (C20)

R.T.: 12.572 min
Delta R.T.: 0.000 min
Response: 2654109
Conc: 20.27 ug/ml



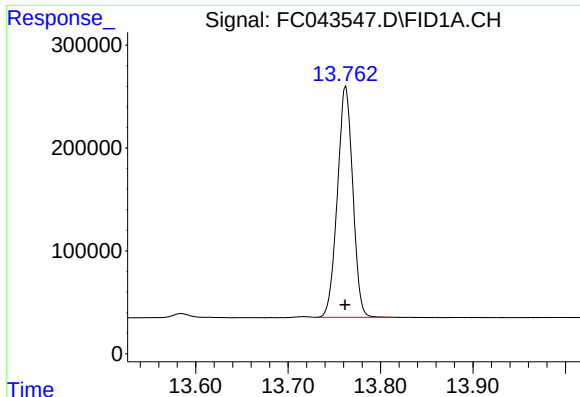
#11 n-Heneicosane (C21)

R.T.: 13.180 min
Delta R.T.: 0.000 min
Response: 2642614
Conc: 19.95 ug/ml



#12 1-chlorooctadecane (SURR)

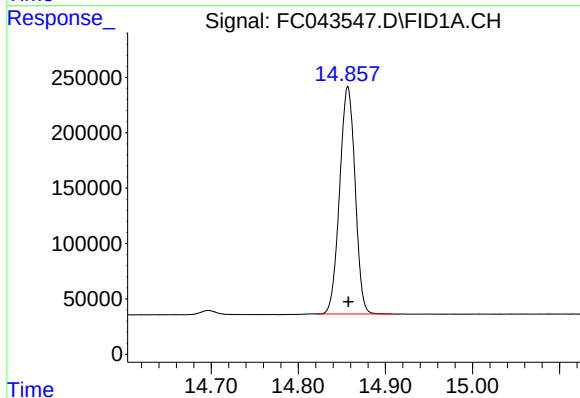
R.T.: 13.016 min
Delta R.T.: 0.000 min
Response: 2202409
Conc: 19.89 ug/ml



#13 n-Docosane (C22)

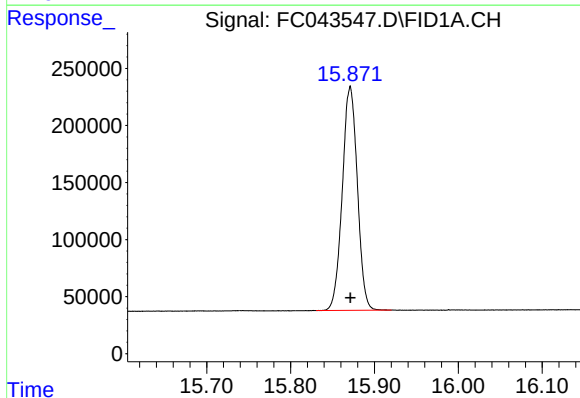
R.T.: 13.762 min
Delta R.T.: 0.000 min
Response: 2595295
Conc: 19.77 ug/ml

Instrument :
FID_C
ClientSampleId :



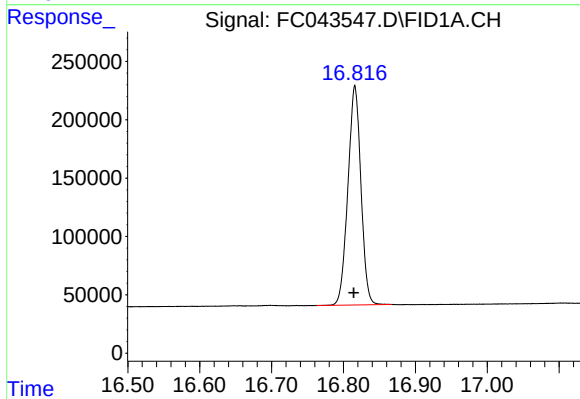
#14 n-Tetracosane (C24)

R.T.: 14.857 min
Delta R.T.: 0.000 min
Response: 2533132
Conc: 19.29 ug/ml



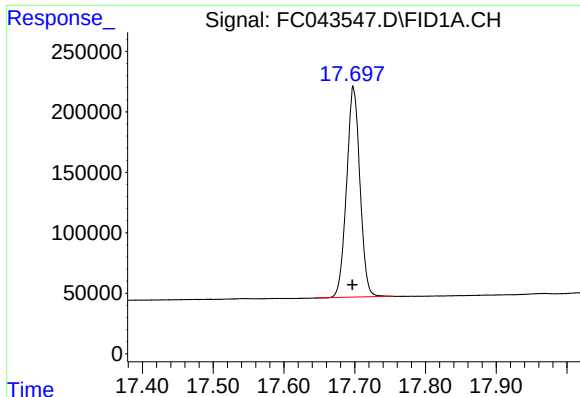
#15 n-Hexacosane (C26)

R.T.: 15.871 min
Delta R.T.: 0.000 min
Response: 2449811
Conc: 19.01 ug/ml



#16 n-Octacosane (C28)

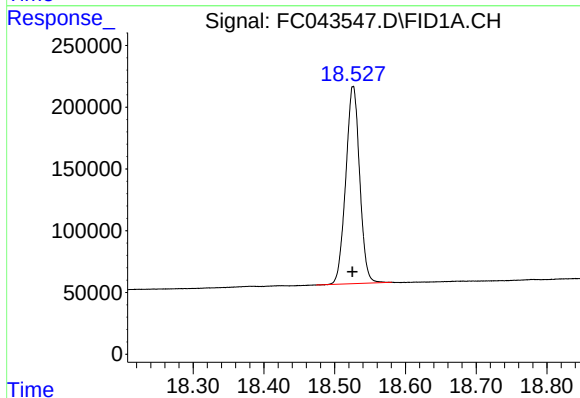
R.T.: 16.816 min
Delta R.T.: 0.001 min
Response: 2358580
Conc: 18.74 ug/ml



#17 n-Tricontane (C30)

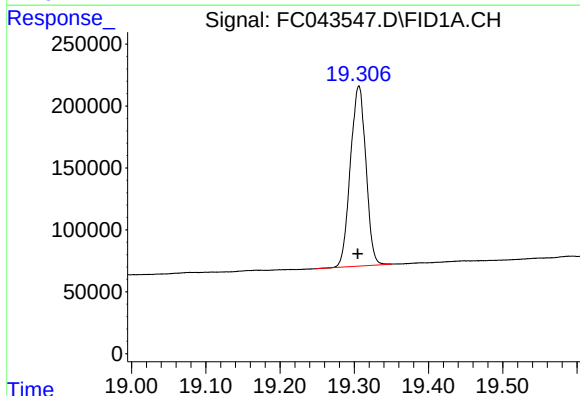
R.T.: 17.698 min
Delta R.T.: 0.002 min
Response: 2287057
Conc: 18.63 ug/ml

Instrument :
FID_C
ClientSampleId :



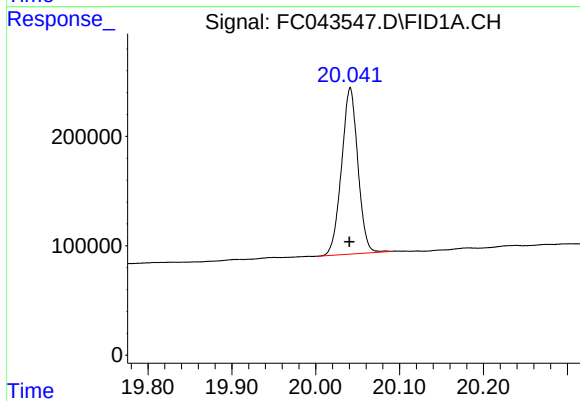
#18 n-Dotriacontane (C32)

R.T.: 18.526 min
Delta R.T.: 0.001 min
Response: 2181132
Conc: 18.93 ug/ml



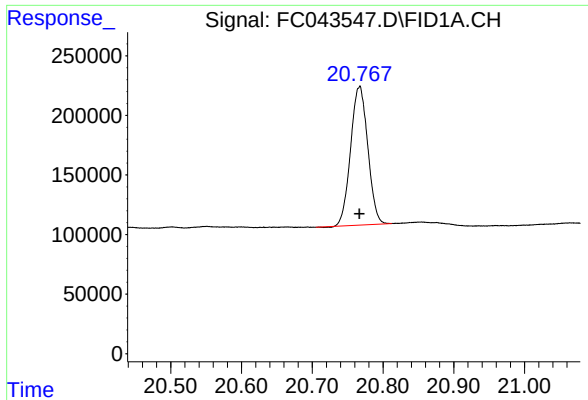
#19 n-Tetratriacontane (C34)

R.T.: 19.306 min
Delta R.T.: 0.002 min
Response: 2106525
Conc: 19.60 ug/ml



#20 n-Hexatriacontane (C36)

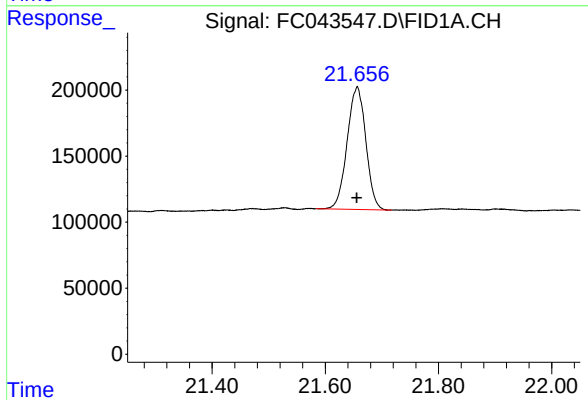
R.T.: 20.041 min
Delta R.T.: 0.001 min
Response: 2054714
Conc: 20.85 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.767 min
Delta R.T.: 0.000 min
Response: 1959692
Conc: 21.30 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.657 min
Delta R.T.: 0.001 min
Response: 2126598
Conc: 22.68 ug/ml