

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD121521AL\
 Data File : FD039919.D
 Signal(s) : FID2B.CH
 Acq On : 15 Dec 2021 15:13
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD03
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD03

Integration File: sample.E
 Quant Time: Dec 15 15:52:14 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 121521.M
 Quant Title : GC Extractables
 QLast Update : Wed Dec 15 15:52:00 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)	10.803	3031577	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
12) S 1-chlorooctadecane (S...	12.234	2384372	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T n-Nonane (C9)	2.689	2721338	20.000 ug/ml
2) T n-Decane (C10)	3.694	2744801	20.000 ug/ml
3) T A~Naphthalene (C11.7)	5.250	3081118	20.000 ug/ml
4) T n-Dodecane (C12)	5.678	2741716	20.000 ug/ml
5) T A~2-methylnaphthalene...	6.295	3107258	20.000 ug/ml
6) T n-Tetradecane (C14)	7.460	2773928	20.000 ug/ml
7) T n-Hexadecane (C16)	9.053	2799985	20.000 ug/ml
8) T n-Octadecane (C18)	10.488	2871171	20.000 ug/ml
10) T n-Eicosane (C20)	11.793	2821377	20.000 ug/ml
11) T n-Heneicosane (C21)	12.402	2841599	20.000 ug/ml
13) T n-Docosane (C22)	12.986	2804168	20.000 ug/ml
14) T n-Tetracosane (C24)	14.085	2772262	20.000 ug/ml
15) T n-Hexacosane (C26)	15.102	2663437	20.000 ug/ml
16) T n-Octacosane (C28)	16.049	2573570	20.000 ug/ml
17) T n-Tricontane (C30)	16.934	2470882	20.000 ug/ml
18) T n-Dotriacontane (C32)	17.764	2360922	20.000 ug/ml
19) T n-Tetratriacontane (C34)	18.546	2309957	20.000 ug/ml
20) T n-Hexatriacontane (C36)	19.287	2207584	20.000 ug/ml
21) T n-Octatriacontane (C38)	20.005	2163304	20.000 ug/ml
22) T n-Tetracontane (C40)	20.874	2201770	20.000 ug/ml

(f)=RT Delta > 1/2 Window

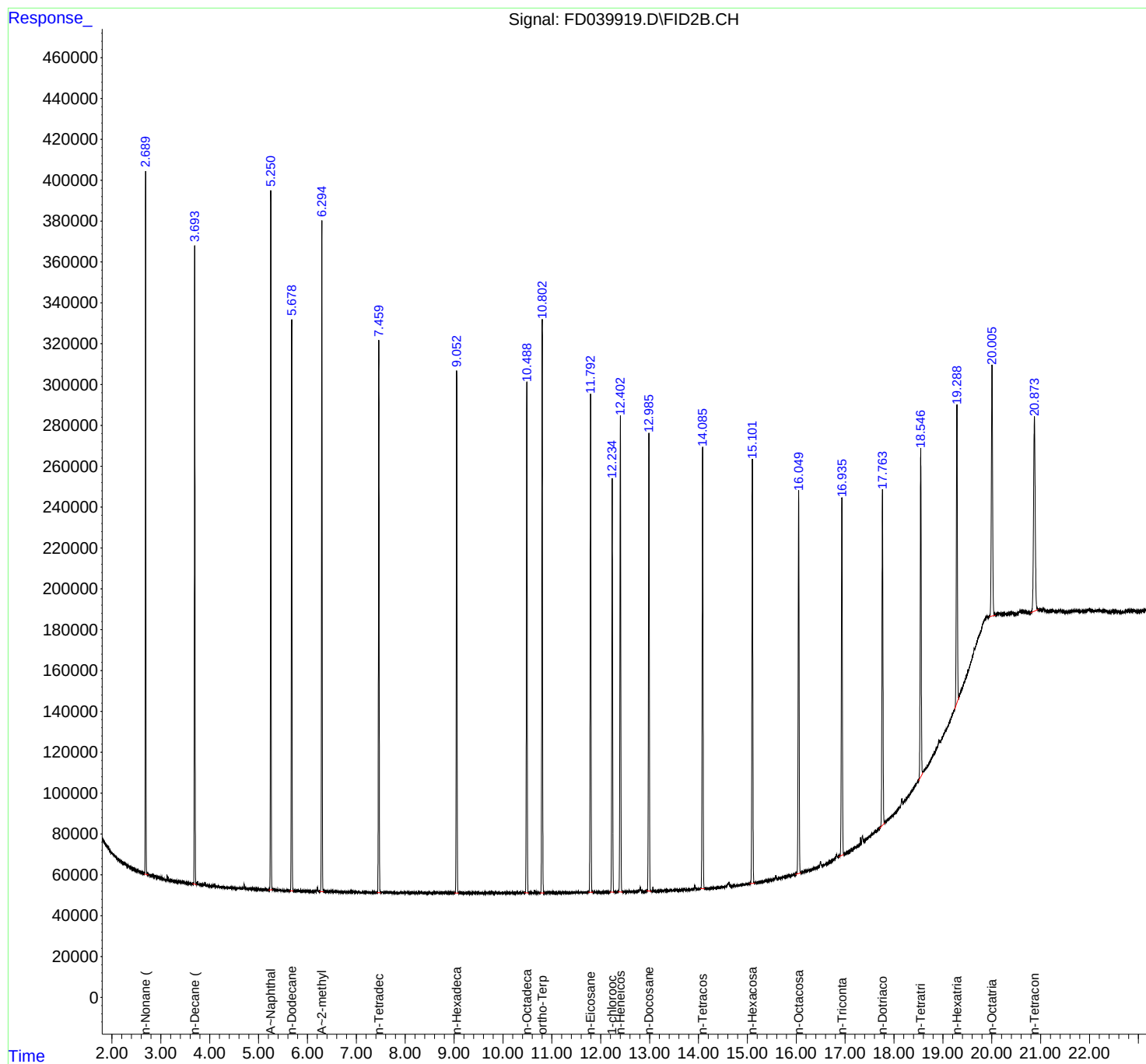
(m)=manual int.

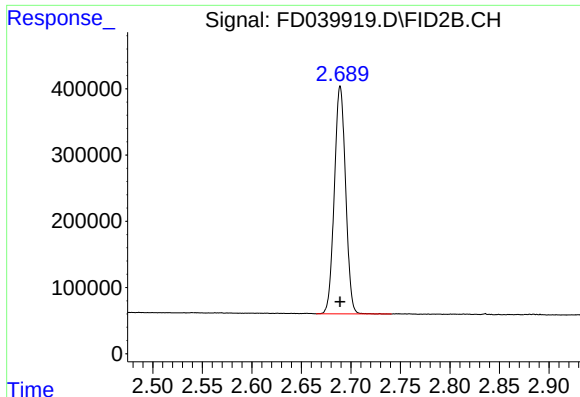
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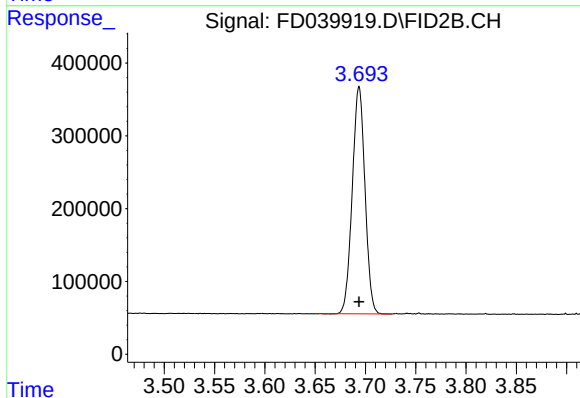




#1 n-Nonane (C9)

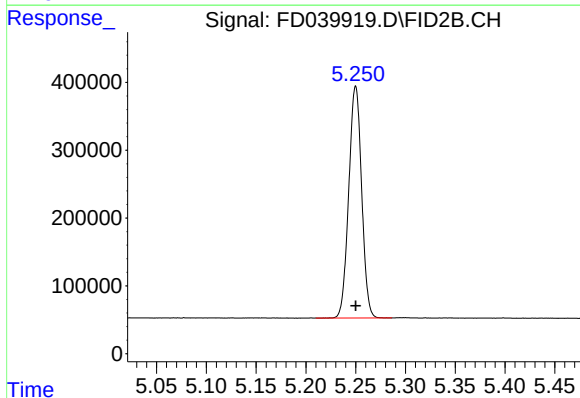
R.T.: 2.689 min
Delta R.T.: 0.000 min
Response: 2721338
Conc: 20.00 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD03



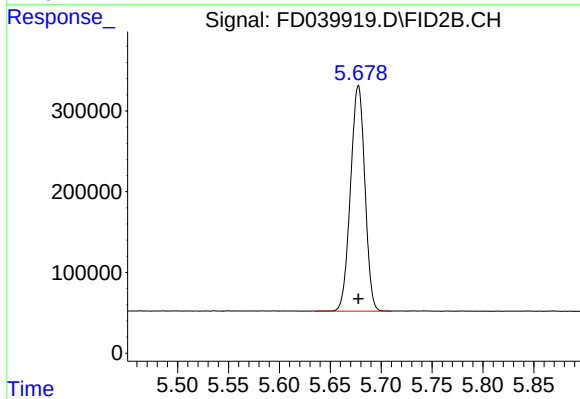
#2 n-Decane (C10)

R.T.: 3.694 min
Delta R.T.: 0.000 min
Response: 2744801
Conc: 20.00 ug/ml



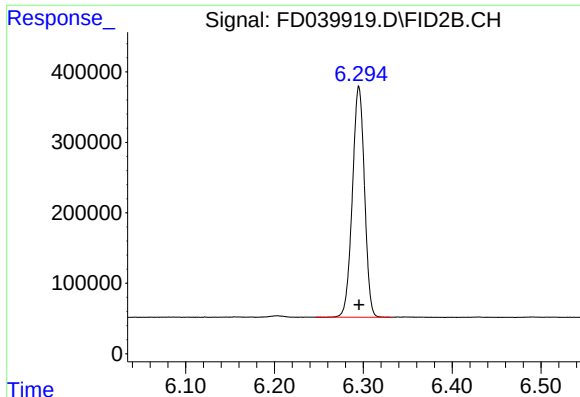
#3 A~Naphthalene (C11.7)

R.T.: 5.250 min
Delta R.T.: 0.000 min
Response: 3081118
Conc: 20.00 ug/ml



#4 n-Dodecane (C12)

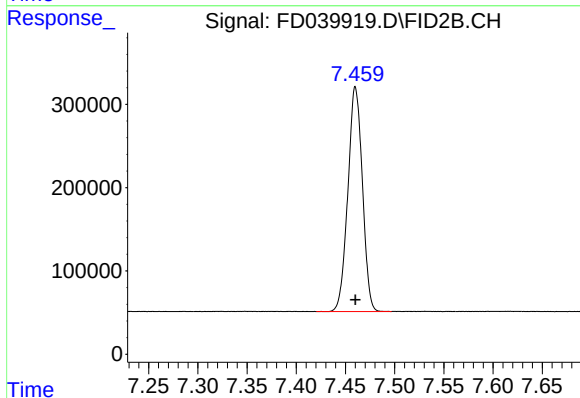
R.T.: 5.678 min
Delta R.T.: 0.000 min
Response: 2741716
Conc: 20.00 ug/ml



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

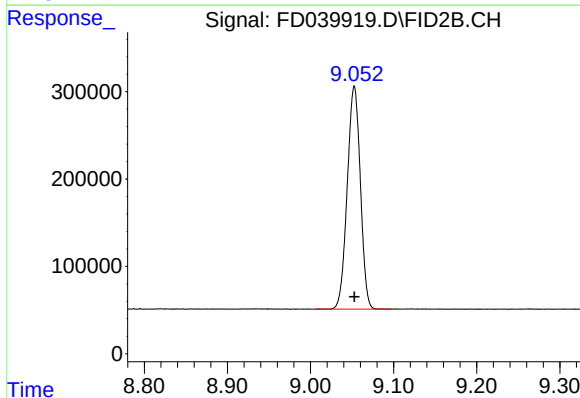
R.T.: 6.295 min
Delta R.T.: 0.000 min
Response: 3107258
Conc: 20.00 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD03



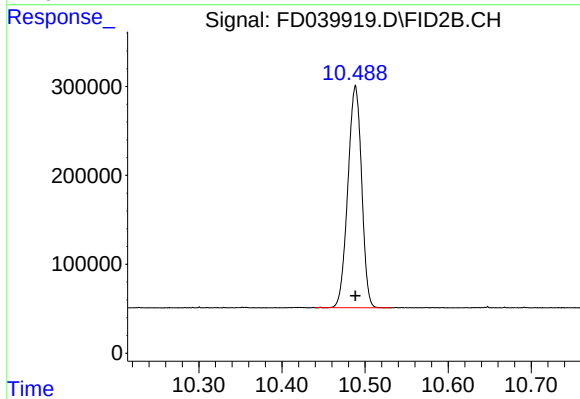
#6 n-Tetradecane (C14)

R.T.: 7.460 min
Delta R.T.: 0.000 min
Response: 2773928
Conc: 20.00 ug/ml



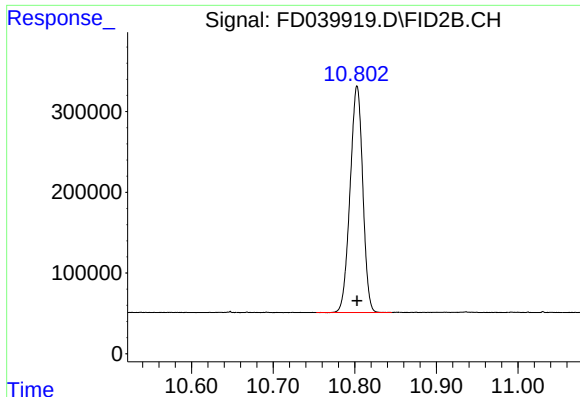
#7 n-Hexadecane (C16)

R.T.: 9.053 min
Delta R.T.: 0.000 min
Response: 2799985
Conc: 20.00 ug/ml



#8 n-Octadecane (C18)

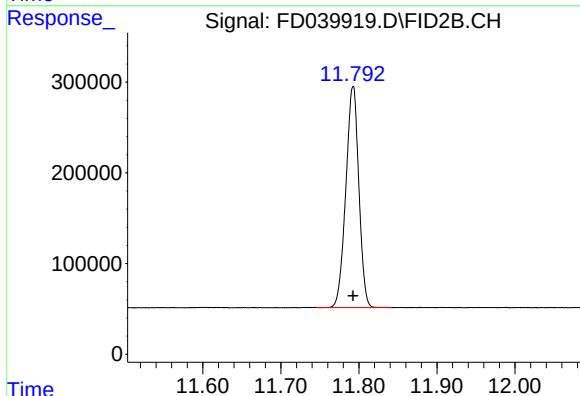
R.T.: 10.488 min
Delta R.T.: 0.000 min
Response: 2871171
Conc: 20.00 ug/ml



#9 ortho-Terphenyl (SURR)

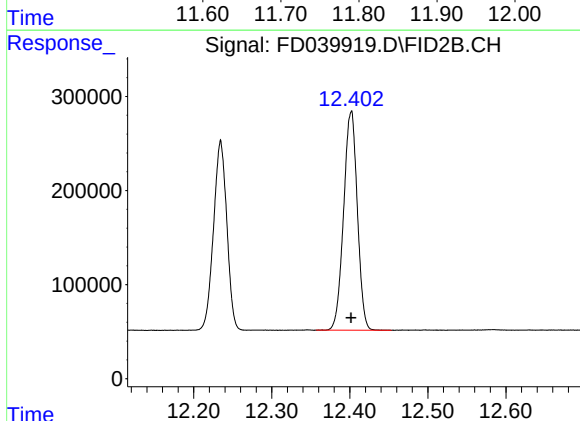
R.T.: 10.803 min
Delta R.T.: 0.000 min
Response: 3031577
Conc: 20.00 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD03



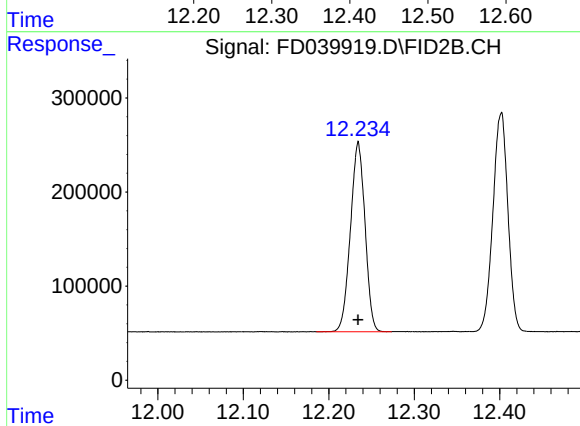
#10 n-Eicosane (C20)

R.T.: 11.793 min
Delta R.T.: 0.000 min
Response: 2821377
Conc: 20.00 ug/ml



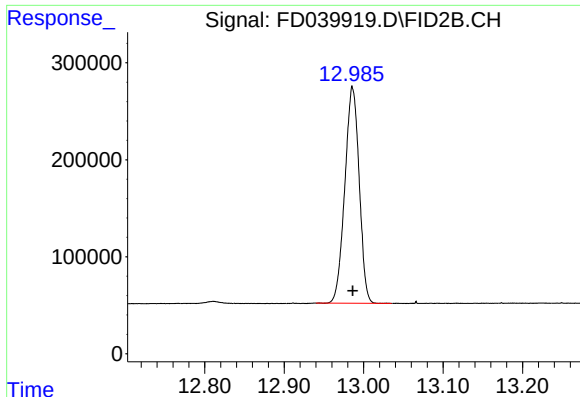
#11 n-Heneicosane (C21)

R.T.: 12.402 min
Delta R.T.: 0.000 min
Response: 2841599
Conc: 20.00 ug/ml



#12 1-chlorooctadecane (SURR)

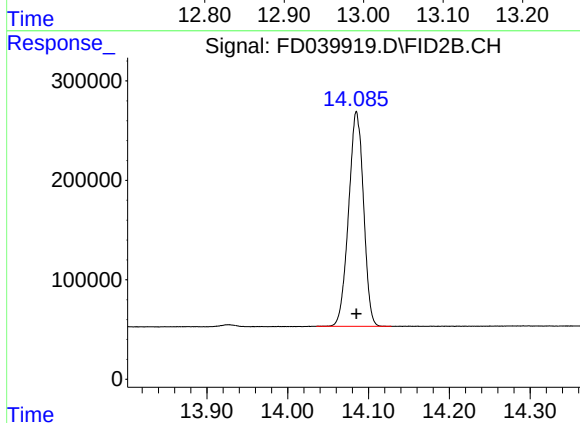
R.T.: 12.234 min
Delta R.T.: 0.000 min
Response: 2384372
Conc: 20.00 ug/ml



#13 n-Docosane (C22)

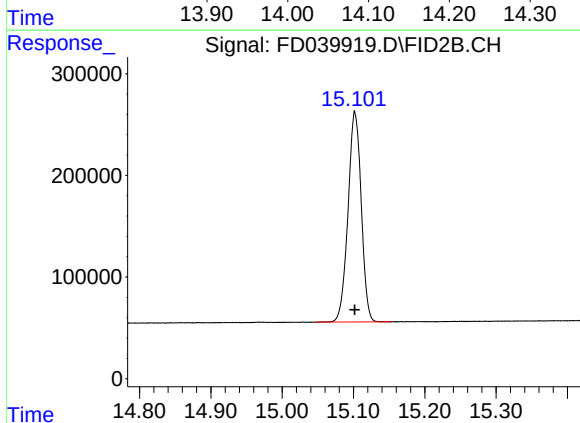
R.T.: 12.986 min
Delta R.T.: 0.000 min
Response: 2804168
Conc: 20.00 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD03



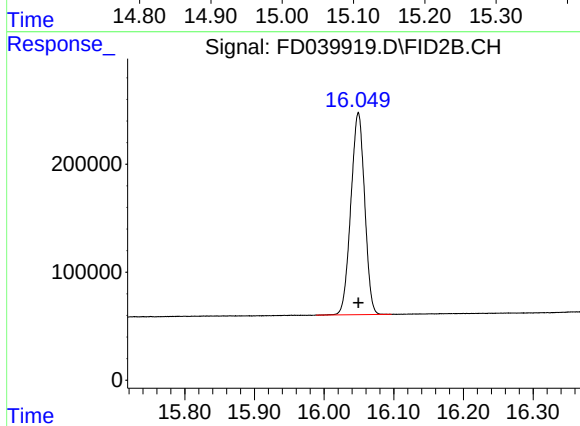
#14 n-Tetracosane (C24)

R.T.: 14.085 min
Delta R.T.: 0.000 min
Response: 2772262
Conc: 20.00 ug/ml



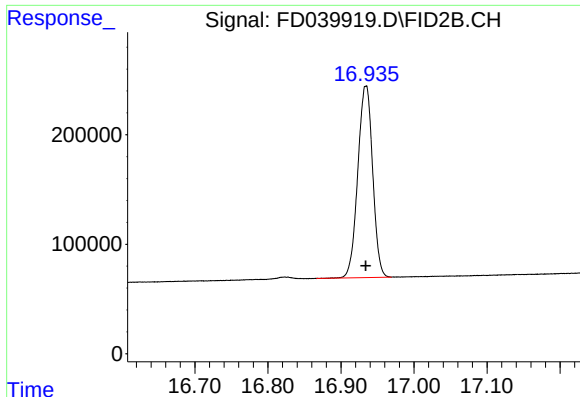
#15 n-Hexacosane (C26)

R.T.: 15.102 min
Delta R.T.: 0.000 min
Response: 2663437
Conc: 20.00 ug/ml



#16 n-Octacosane (C28)

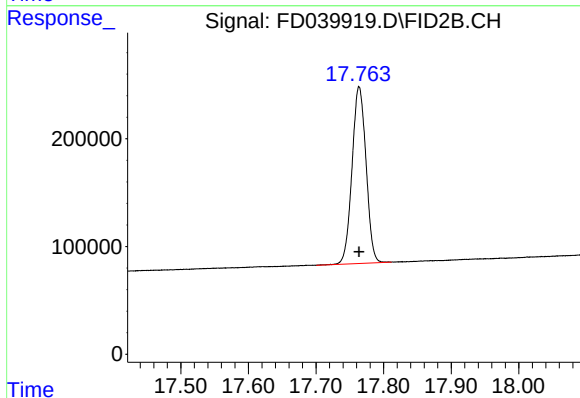
R.T.: 16.049 min
Delta R.T.: 0.000 min
Response: 2573570
Conc: 20.00 ug/ml



#17 n-Tricontane (C30)

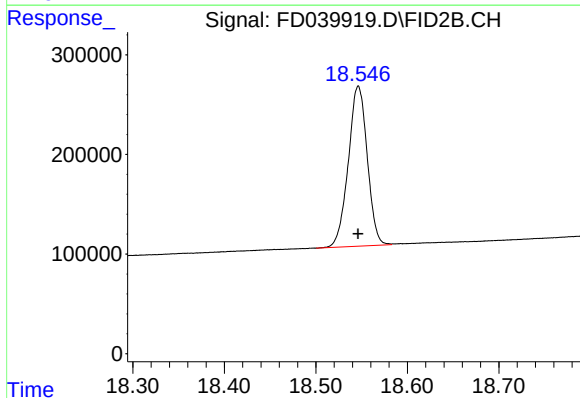
R.T.: 16.934 min
Delta R.T.: 0.000 min
Response: 2470882
Conc: 20.00 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD03



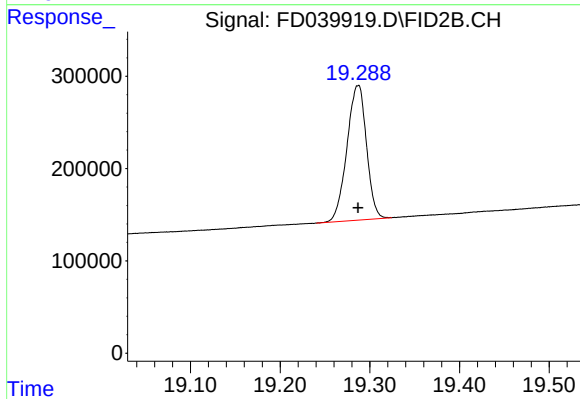
#18 n-Dotriacontane (C32)

R.T.: 17.764 min
Delta R.T.: 0.000 min
Response: 2360922
Conc: 20.00 ug/ml



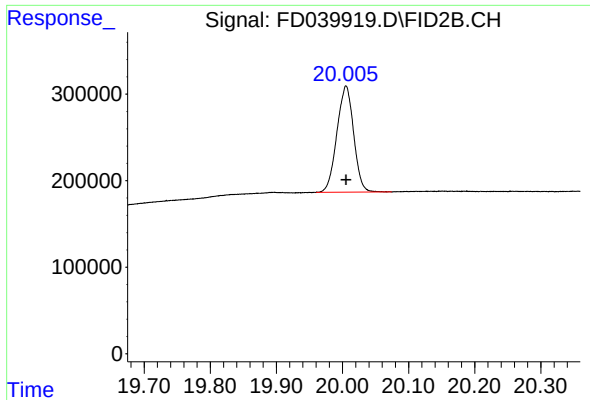
#19 n-Tetratriacontane (C34)

R.T.: 18.546 min
Delta R.T.: 0.000 min
Response: 2309957
Conc: 20.00 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.287 min
Delta R.T.: 0.000 min
Response: 2207584
Conc: 20.00 ug/ml



#21 n-Octatriacontane (C38)

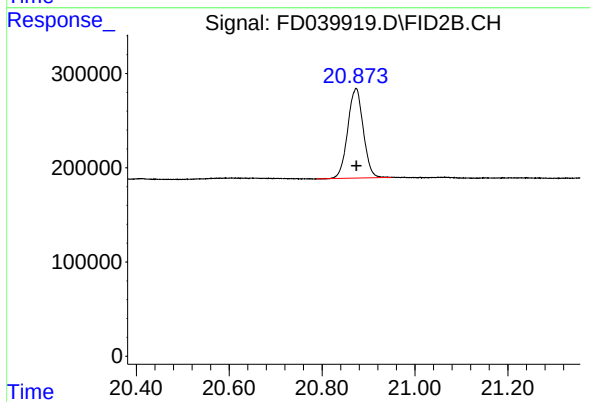
R.T.: 20.005 min
Delta R.T.: 0.000 min
Response: 2163304
Conc: 20.00 ug/ml

Instrument :

FID_D

ClientSampleId :

20 PPM ALIPHATIC HC STD03



#22 n-Tetracontane (C40)

R.T.: 20.874 min
Delta R.T.: 0.000 min
Response: 2201770
Conc: 20.00 ug/ml