

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD040720AL\
 Data File : FD032854.D
 Signal(s) : FID2B.CH
 Acq On : 07 Apr 2020 9:40
 Operator : DD\AJ
 Sample : 100 PPM ALIPHATIC STD1
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 100 PPM ALIPHATIC STD1

Integration File: sample.E
 Quant Time: Apr 07 14:05:46 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 040720.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 07 14:03:43 2020
 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)	11.513	14727197	98.941 ug/ml
Spiked Amount 50.000		Recovery =	197.88%
12) S 1-chlorooctadecane (S...	12.941	11554347	99.238 ug/ml
Spiked Amount 50.000		Recovery =	198.48%
Target Compounds			
1) T n-Nonane (C9)	3.316	13172728	99.758 ug/ml
2) T n-Decane (C10)	4.377	13198128	99.778 ug/ml
3) T A~Naphthalene (C11.7)	5.952	14799360	101.032 ug/ml
4) T n-Dodecane (C12)	6.383	13345772	99.656 ug/ml
5) T A~2-methylnaphthalene...	7.004	14994021	101.496 ug/ml
6) T n-Tetradecane (C14)	8.169	13450563	99.569 ug/ml
7) T n-Hexadecane (C16)	9.762	13556702	99.750 ug/ml
8) T n-Octadecane (C18)	11.198	13631384	99.517 ug/ml
10) T n-Eicosane (C20)	12.500	13612026	99.194 ug/ml
11) T n-Heneicosane (C21)	13.109	13660743	98.689 ug/ml
13) T n-Docosane (C22)	13.692	13528143	98.613 ug/ml
14) T n-Tetracosane (C24)	14.790	13323922	98.004 ug/ml
15) T n-Hexacosane (C26)	15.805	12821695	97.414 ug/ml
16) T n-Octacosane (C28)	16.750	12128918	97.194 ug/ml
17) T n-Tricontane (C30)	17.632	10860346	96.859 ug/ml
18) T n-Dotriacontane (C32)	18.458	7973584	96.501 ug/ml
19) T n-Tetratriacontane (C34)	19.236	5812439	97.491 ug/ml
20) T n-Hexatriacontane (C36)	19.970	4981000	101.728 ug/ml
21) T n-Octatriacontane (C38)	20.683	4666873	97.809 ug/ml
22) T n-Tetracontane (C40)	21.544	4793755	95.318 ug/ml

(f)=RT Delta > 1/2 Window

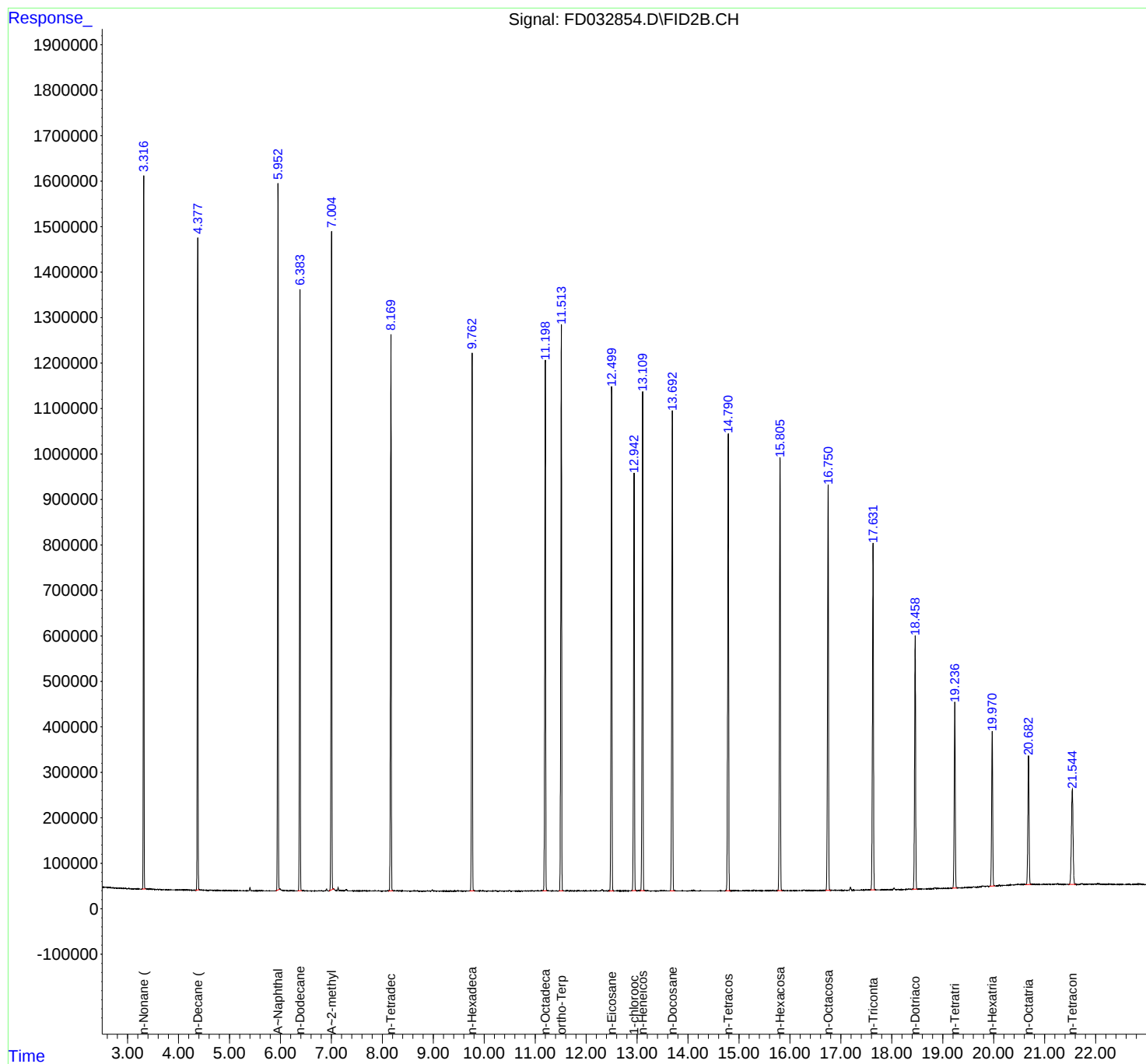
(m)=manual int.

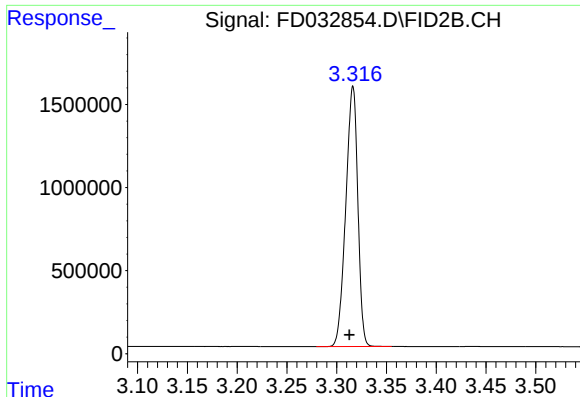
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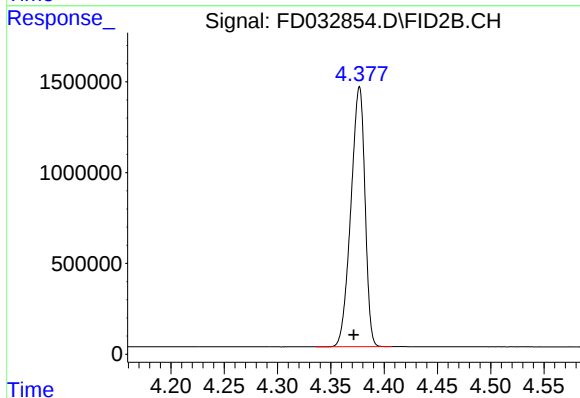




#1 n-Nonane (C9)

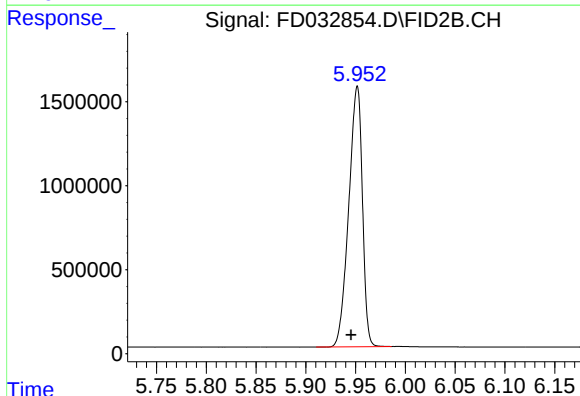
R.T.: 3.316 min
Delta R.T.: 0.003 min
Response: 13172728
Conc: 99.76 ug/ml

Instrument :
FID_D
ClientSampleId :
100 PPM ALIPHATIC STD1



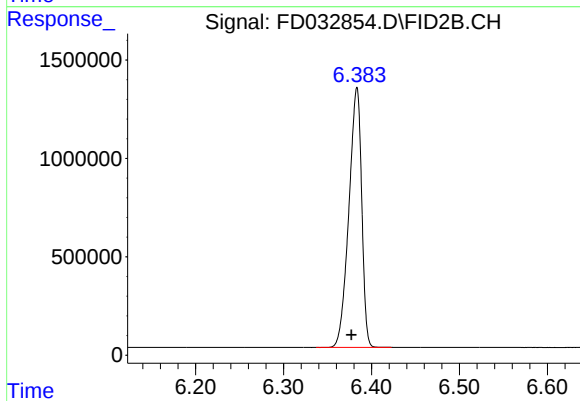
#2 n-Decane (C10)

R.T.: 4.377 min
Delta R.T.: 0.005 min
Response: 13198128
Conc: 99.78 ug/ml



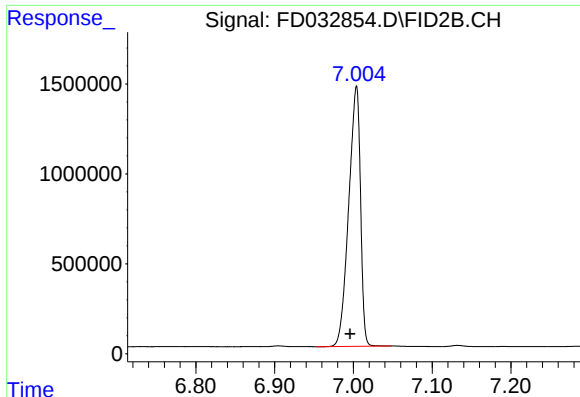
#3 A~Naphthalene (C11.7)

R.T.: 5.952 min
Delta R.T.: 0.006 min
Response: 14799360
Conc: 101.03 ug/ml



#4 n-Dodecane (C12)

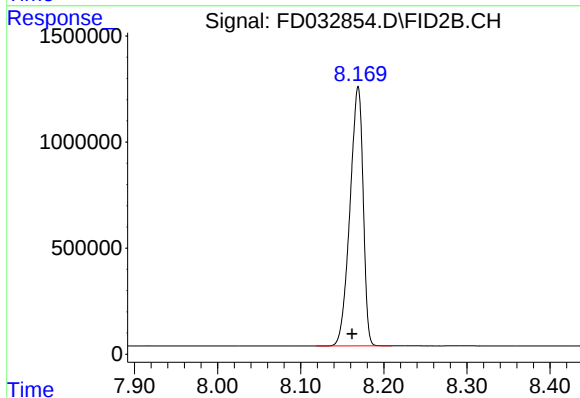
R.T.: 6.383 min
Delta R.T.: 0.006 min
Response: 13345772
Conc: 99.66 ug/ml



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

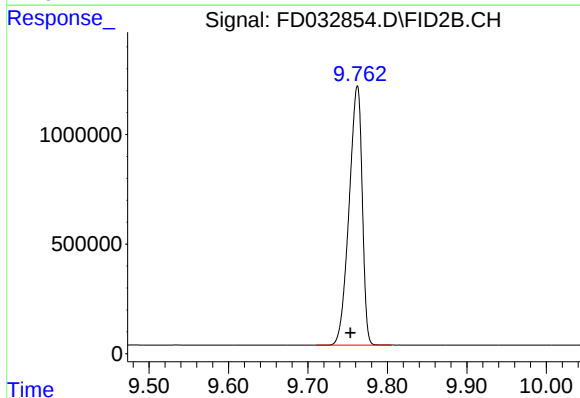
R.T.: 7.004 min
Delta R.T.: 0.008 min
Response: 14994021
Conc: 101.50 ug/ml

Instrument :
FID_D
ClientSampleId :
100 PPM ALIPHATIC STD1



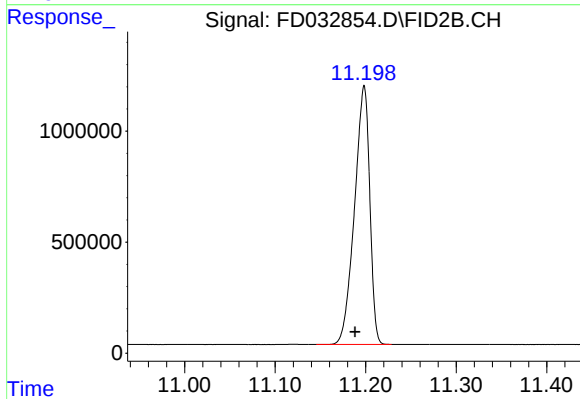
#6 n-Tetradecane (C14)

R.T.: 8.169 min
Delta R.T.: 0.007 min
Response: 13450563
Conc: 99.57 ug/ml



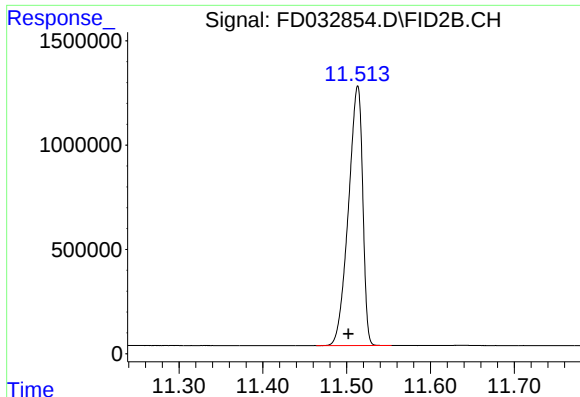
#7 n-Hexadecane (C16)

R.T.: 9.762 min
Delta R.T.: 0.009 min
Response: 13556702
Conc: 99.75 ug/ml



#8 n-Octadecane (C18)

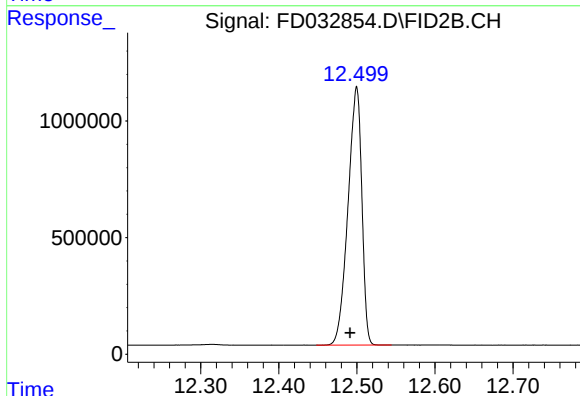
R.T.: 11.198 min
Delta R.T.: 0.010 min
Response: 13631384
Conc: 99.52 ug/ml



#9 ortho-Terphenyl (SURR)

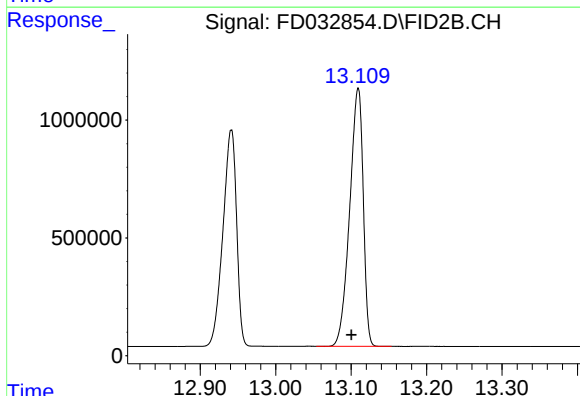
R.T.: 11.513 min
Delta R.T.: 0.011 min
Response: 14727197
Conc: 98.94 ug/ml

Instrument :
FID_D
ClientSampleId :
100 PPM ALIPHATIC STD1



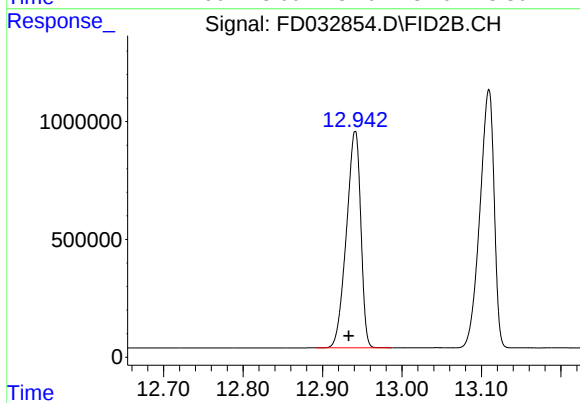
#10 n-Eicosane (C20)

R.T.: 12.500 min
Delta R.T.: 0.008 min
Response: 13612026
Conc: 99.19 ug/ml



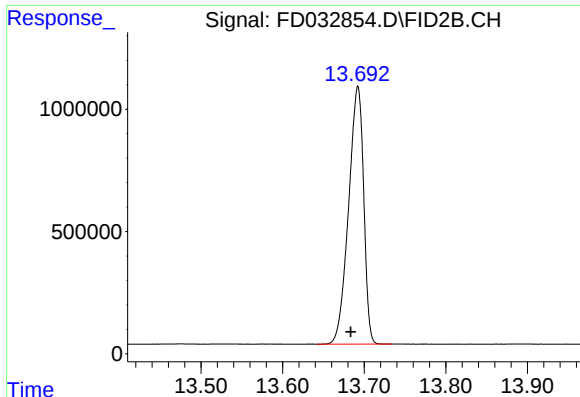
#11 n-Heneicosane (C21)

R.T.: 13.109 min
Delta R.T.: 0.009 min
Response: 13660743
Conc: 98.69 ug/ml



#12 1-chlorooctadecane (SURR)

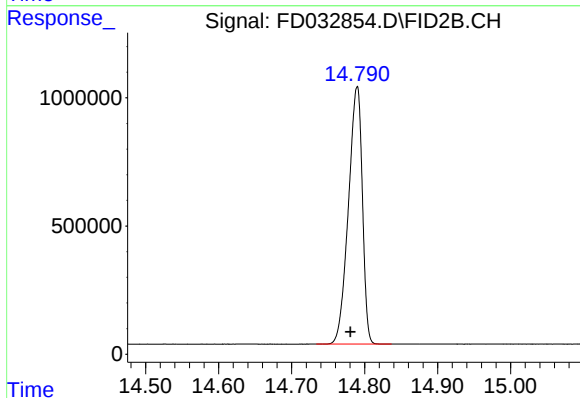
R.T.: 12.941 min
Delta R.T.: 0.008 min
Response: 11554347
Conc: 99.24 ug/ml



#13 n-Docosane (C22)

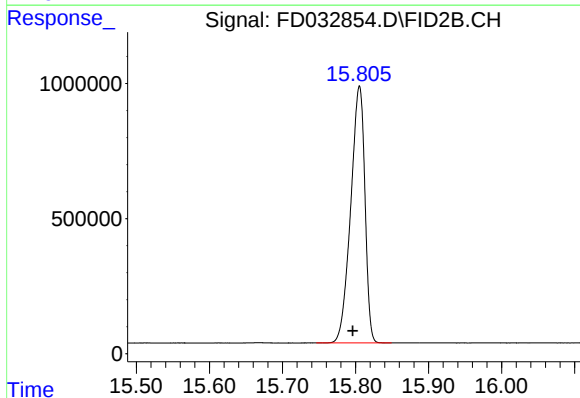
R.T.: 13.692 min
Delta R.T.: 0.009 min
Response: 13528143
Conc: 98.61 ug/ml

Instrument :
FID_D
ClientSampleId :
100 PPM ALIPHATIC STD1



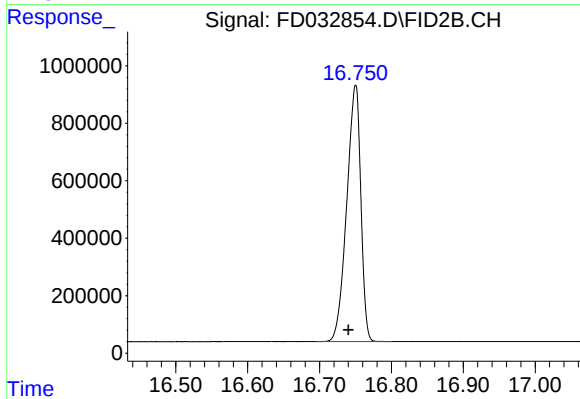
#14 n-Tetracosane (C24)

R.T.: 14.790 min
Delta R.T.: 0.009 min
Response: 13323922
Conc: 98.00 ug/ml



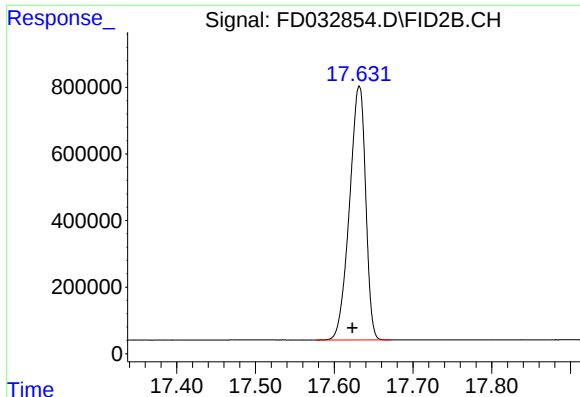
#15 n-Hexacosane (C26)

R.T.: 15.805 min
Delta R.T.: 0.009 min
Response: 12821695
Conc: 97.41 ug/ml



#16 n-Octacosane (C28)

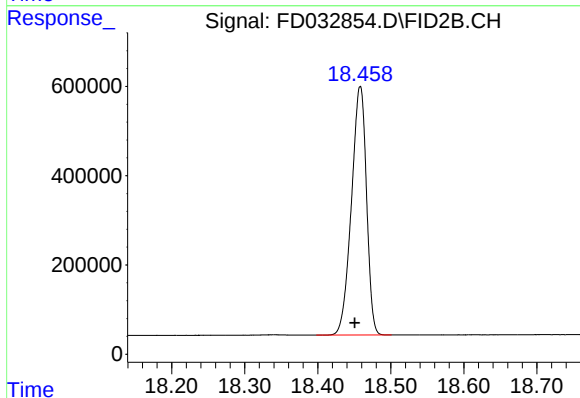
R.T.: 16.750 min
Delta R.T.: 0.010 min
Response: 12128918
Conc: 97.19 ug/ml



#17 n-Tricontane (C30)

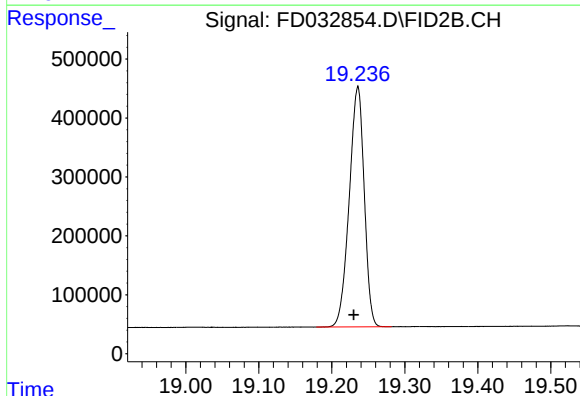
R.T.: 17.632 min
Delta R.T.: 0.009 min
Response: 10860346
Conc: 96.86 ug/ml

Instrument :
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100 PPM ALIPHATIC STD1



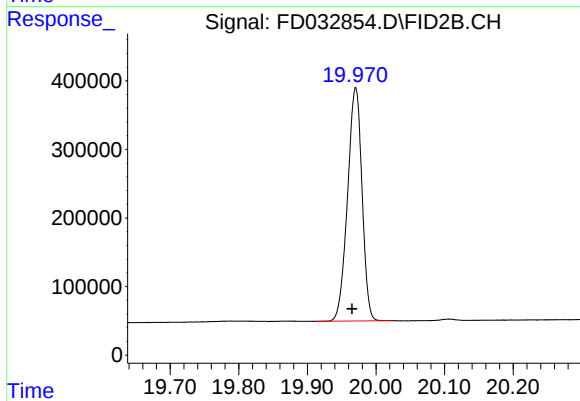
#18 n-Dotriacontane (C32)

R.T.: 18.458 min
Delta R.T.: 0.007 min
Response: 7973584
Conc: 96.50 ug/ml



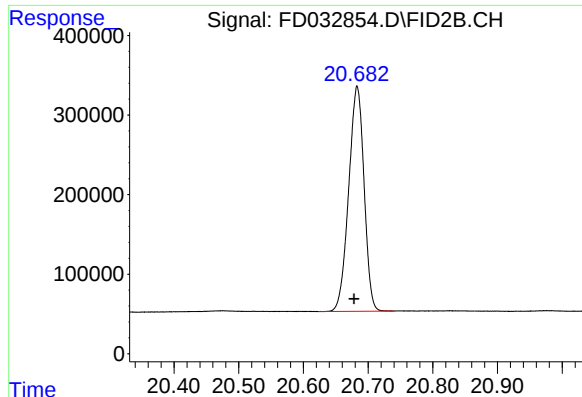
#19 n-Tetratriacontane (C34)

R.T.: 19.236 min
Delta R.T.: 0.005 min
Response: 5812439
Conc: 97.49 ug/ml



#20 n-Hexatriacontane (C36)

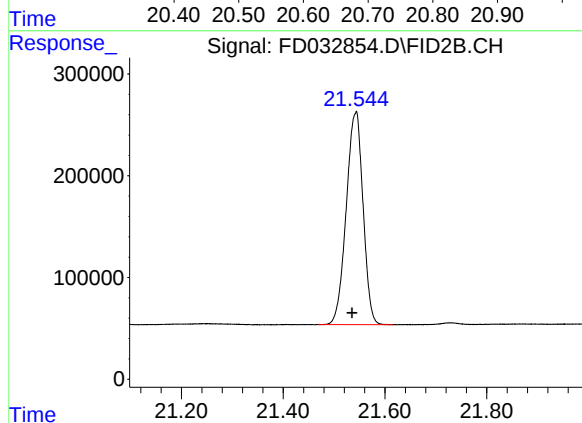
R.T.: 19.970 min
Delta R.T.: 0.006 min
Response: 4981000
Conc: 101.73 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.683 min
Delta R.T.: 0.005 min
Response: 4666873
Conc: 97.81 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.544 min
Delta R.T.: 0.008 min
Response: 4793755
Conc: 95.32 ug/ml