

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD091523AL\
 Data File : FD046500.D
 Signal(s) : FID2B.ch
 Acq On : 15 Sep 2023 05:52
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD ICV

Integration File: autoint1.e
 Quant Time: Sep 15 06:24:46 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 091523.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 15 05:12:31 2023
 Response via : Initial Calibration
 Integrator: ChemStation

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)	11.383	4372834	20.545 ug/ml
Spiked Amount 50.000		Recovery =	41.09%
12) S 1-chlorooctadecane (S...	12.817	3249047	20.619 ug/ml
Spiked Amount 50.000		Recovery =	41.24%
Target Compounds			
1) T n-Nonane (C9)	3.218	3413164	20.640 ug/ml
2) T n-Decane (C10)	4.271	3480784	20.649 ug/ml
3) T A~Naphthalene (C11.7)	5.831	3878847	20.768 ug/ml
4) T n-Dodecane (C12)	6.273	3499350	20.601 ug/ml
5) T A~2-methylnaphthalene...	6.879	3736395	20.677 ug/ml
6) T n-Tetradecane (C14)	8.056	3477477	20.551 ug/ml
7) T n-Hexadecane (C16)	9.647	3641972	20.615 ug/ml
8) T n-Octadecane (C18)	11.079	3776719	20.600 ug/ml
10) T n-Eicosane (C20)	12.379	3722979	20.592 ug/ml
11) T n-Heneicosane (C21)	12.986	3703434	20.596 ug/ml
13) T n-Docosane (C22)	13.569	3725551	20.626 ug/ml
14) T n-Tetracosane (C24)	14.663	3763344	20.530 ug/ml
15) T n-Hexacosane (C26)	15.677	3686325	20.602 ug/ml
16) T n-Octacosane (C28)	16.618	3552900	20.584 ug/ml
17) T n-Tricontane (C30)	17.498	3542319	20.602 ug/ml
18) T n-Dotriacontane (C32)	18.323	3381460	20.677 ug/ml
19) T n-Tetratriacontane (C34)	19.100	3231391	20.734 ug/ml
20) T n-Hexatriacontane (C36)	19.833	2913779	20.723 ug/ml
21) T n-Octatriacontane (C38)	20.532	2776519	20.736 ug/ml
22) T n-Tetracontane (C40)	21.345	2607522	20.628 ug/ml

(f)=RT Delta > 1/2 Window

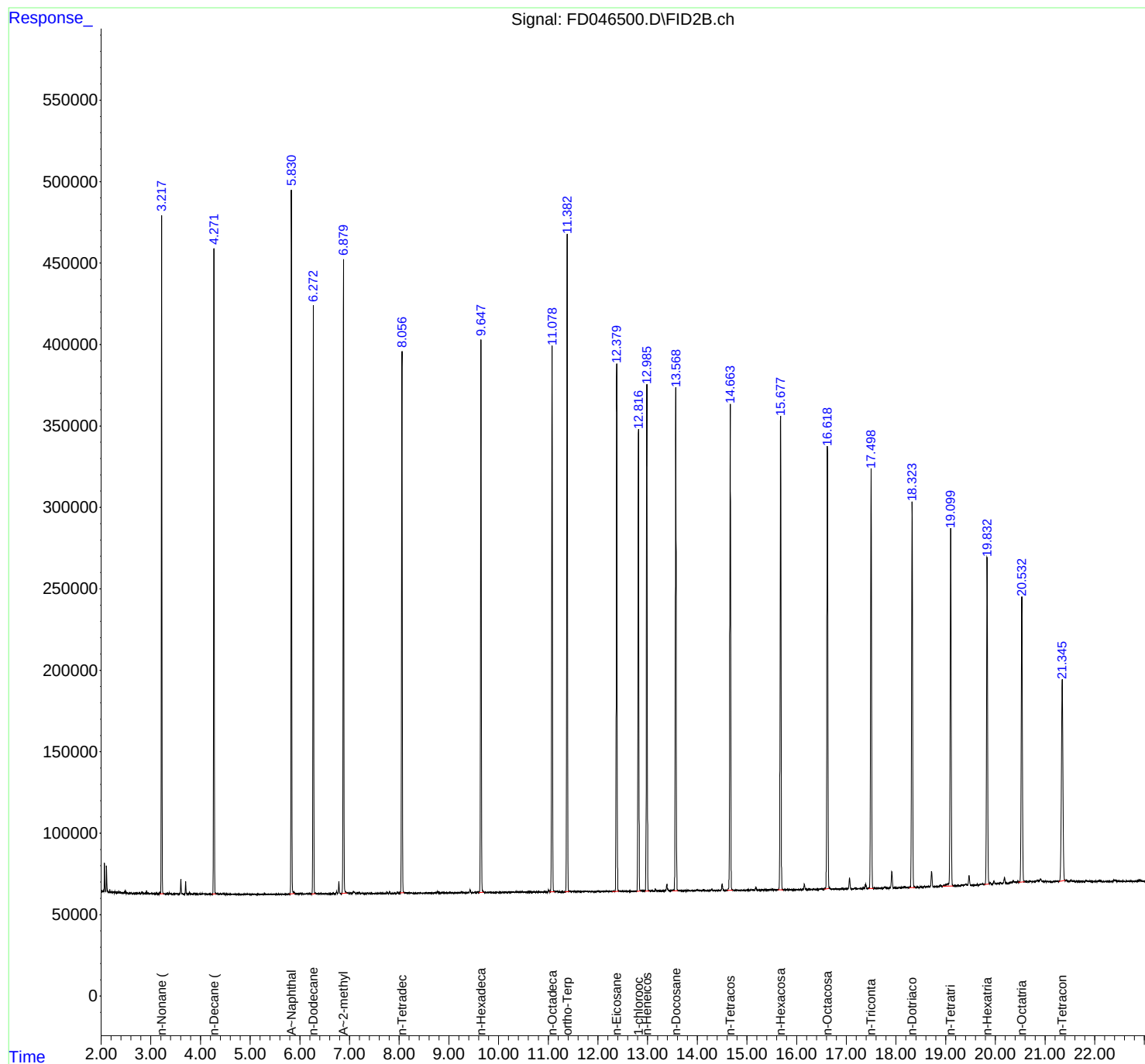
(m)=manual int.

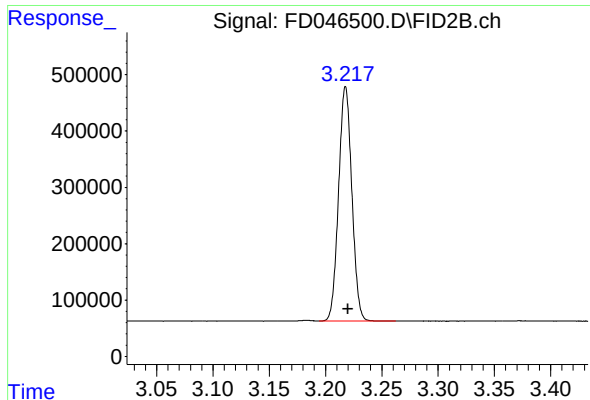
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#1 n-Nonane (C9)

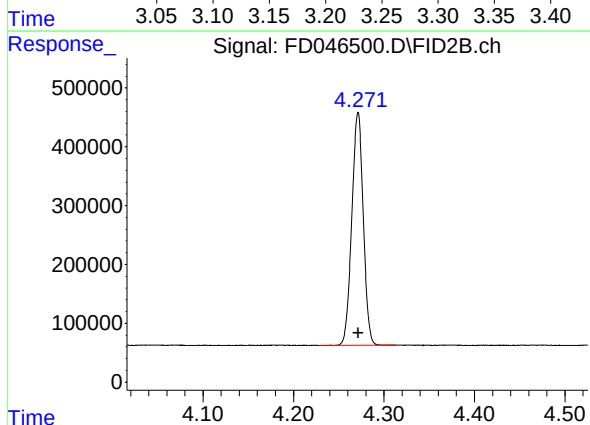
R.T.: 3.218 min
Delta R.T.: -0.002 min
Response: 3413164
Conc: 20.64 ug/ml

Instrument :

FID_D

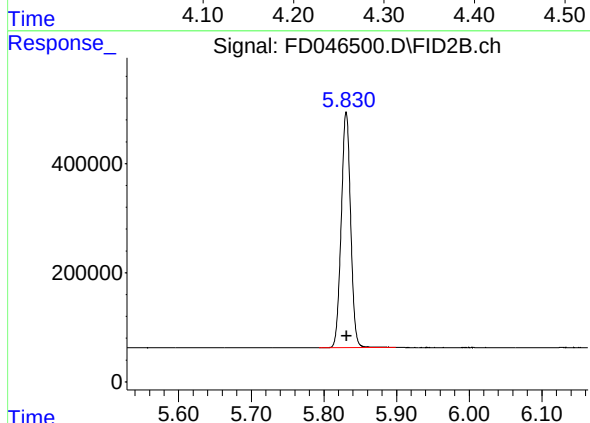
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



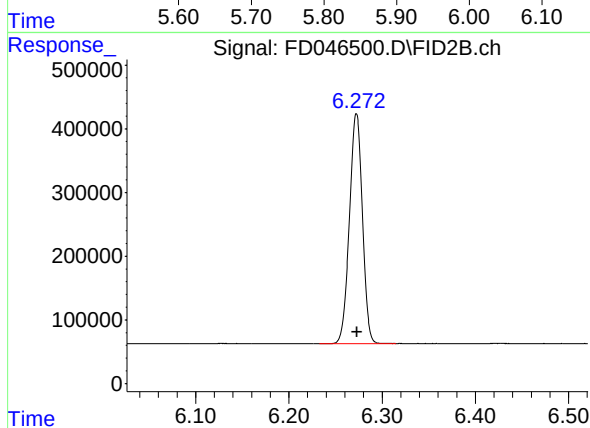
#2 n-Decane (C10)

R.T.: 4.271 min
Delta R.T.: 0.000 min
Response: 3480784
Conc: 20.65 ug/ml



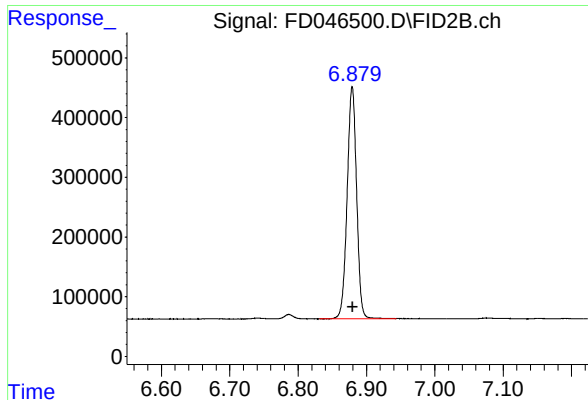
#3 A~Naphthalene (C11.7)

R.T.: 5.831 min
Delta R.T.: 0.000 min
Response: 3878847
Conc: 20.77 ug/ml



#4 n-Dodecane (C12)

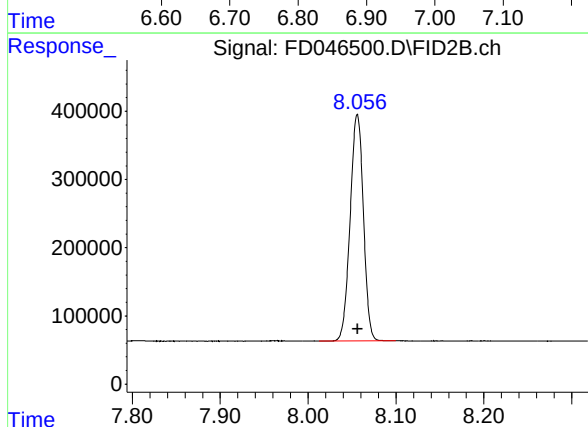
R.T.: 6.273 min
Delta R.T.: 0.000 min
Response: 3499350
Conc: 20.60 ug/ml



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

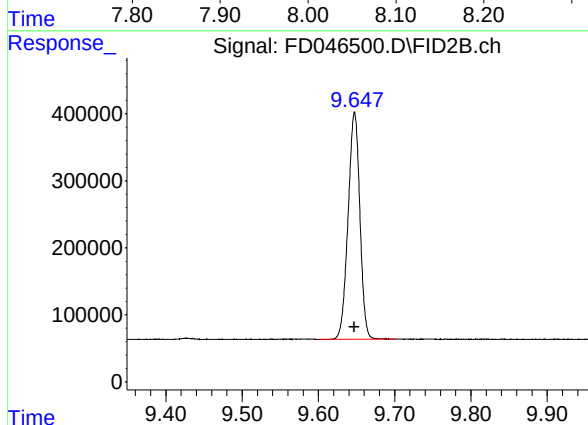
R.T.: 6.879 min
Delta R.T.: 0.000 min
Response: 3736395
Conc: 20.68 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD ICV



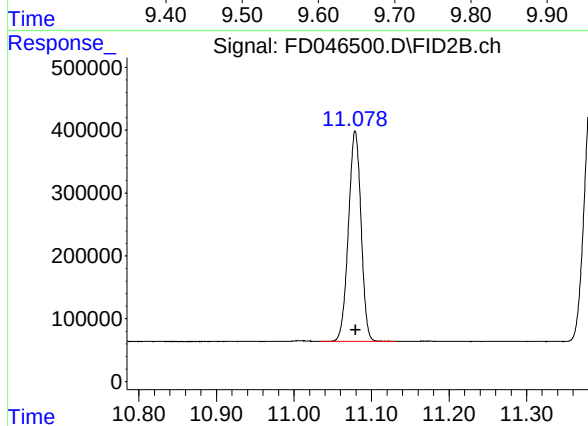
#6 n-Tetradecane (C14)

R.T.: 8.056 min
Delta R.T.: 0.000 min
Response: 3477477
Conc: 20.55 ug/ml



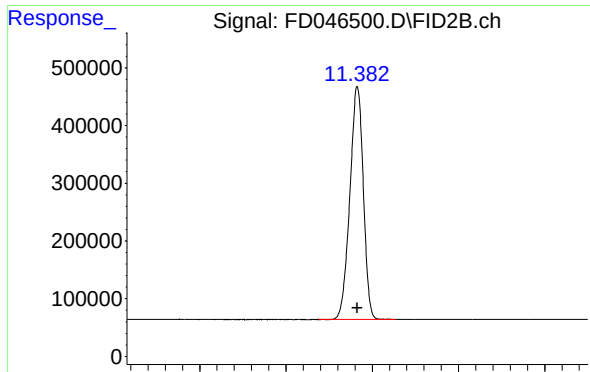
#7 n-Hexadecane (C16)

R.T.: 9.647 min
Delta R.T.: 0.000 min
Response: 3641972
Conc: 20.62 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.079 min
Delta R.T.: 0.000 min
Response: 3776719
Conc: 20.60 ug/ml



#9 ortho-Terphenyl (SURR)

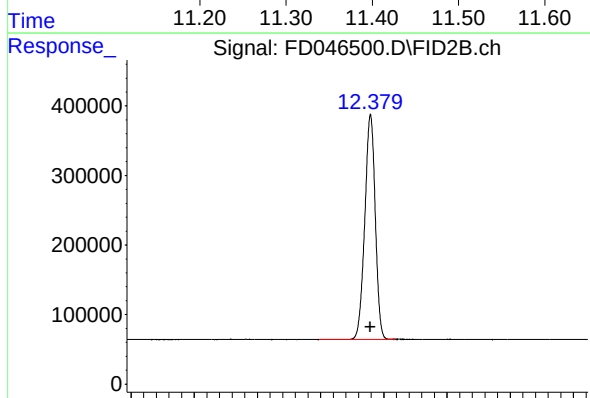
R.T.: 11.383 min
Delta R.T.: 0.000 min
Response: 4372834
Conc: 20.55 ug/ml

Instrument :

FID_D

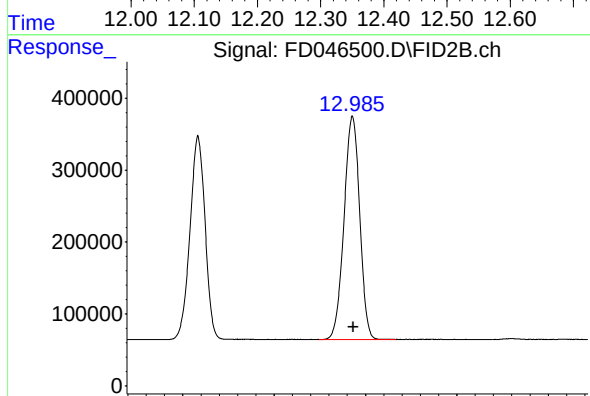
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



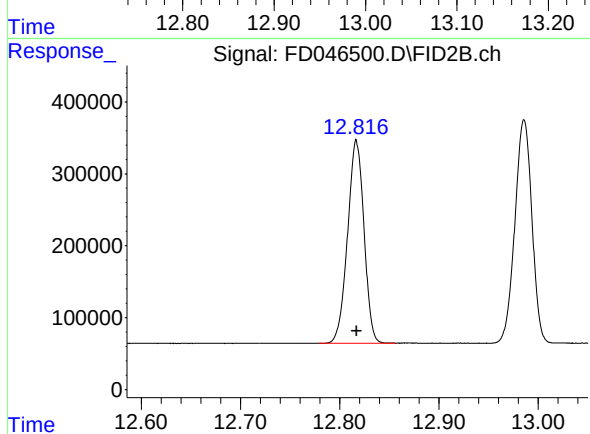
#10 n-Eicosane (C20)

R.T.: 12.379 min
Delta R.T.: 0.000 min
Response: 3722979
Conc: 20.59 ug/ml



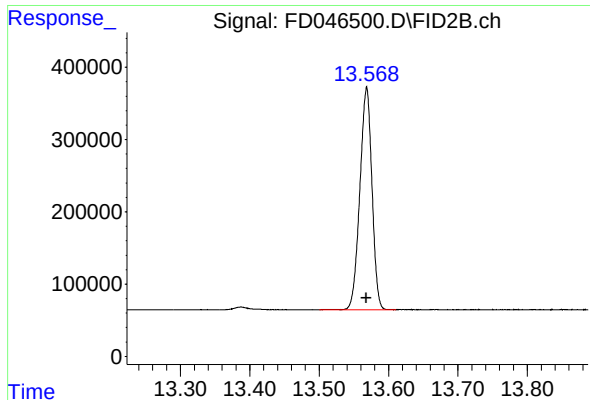
#11 n-Heneicosane (C21)

R.T.: 12.986 min
Delta R.T.: -0.001 min
Response: 3703434
Conc: 20.60 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.817 min
Delta R.T.: 0.000 min
Response: 3249047
Conc: 20.62 ug/ml



#13 n-Docosane (C22)

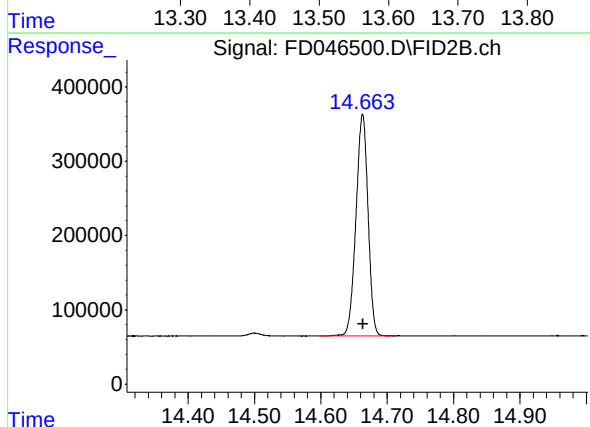
R.T.: 13.569 min
Delta R.T.: 0.000 min
Response: 3725551
Conc: 20.63 ug/ml

Instrument :

FID_D

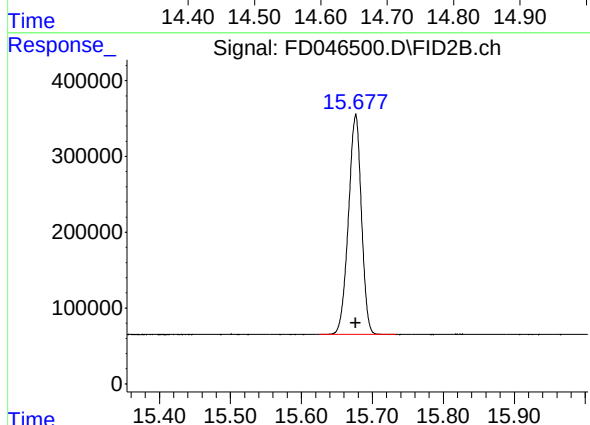
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



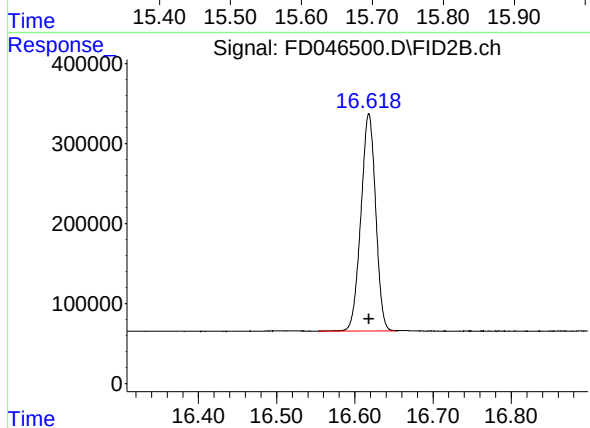
#14 n-Tetracosane (C24)

R.T.: 14.663 min
Delta R.T.: 0.000 min
Response: 3763344
Conc: 20.53 ug/ml



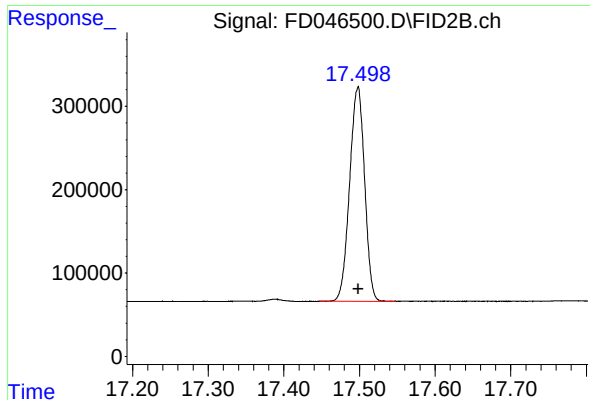
#15 n-Hexacosane (C26)

R.T.: 15.677 min
Delta R.T.: 0.000 min
Response: 3686325
Conc: 20.60 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.618 min
Delta R.T.: 0.000 min
Response: 3552900
Conc: 20.58 ug/ml



#17 n-Tricontane (C30)

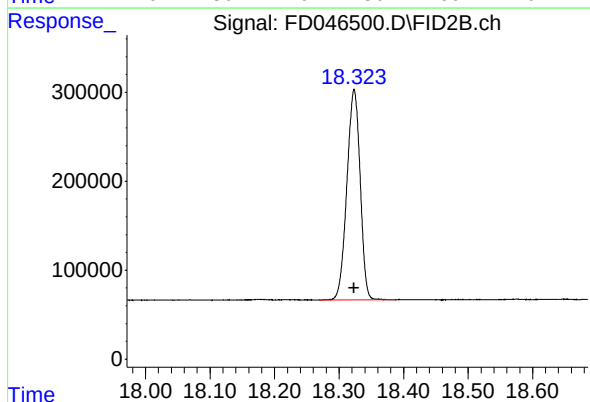
R.T.: 17.498 min
Delta R.T.: 0.000 min
Response: 3542319
Conc: 20.60 ug/ml

Instrument :

FID_D

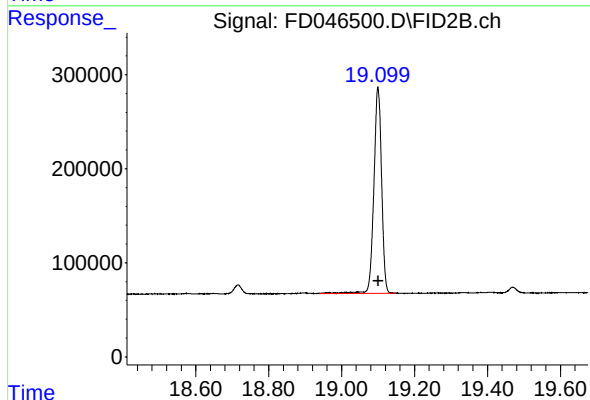
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



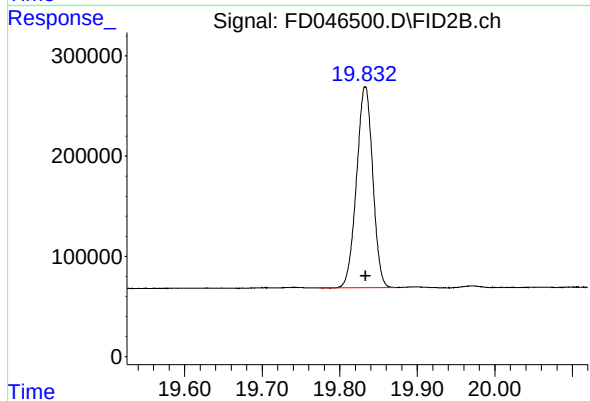
#18 n-Dotriacontane (C32)

R.T.: 18.323 min
Delta R.T.: 0.000 min
Response: 3381460
Conc: 20.68 ug/ml



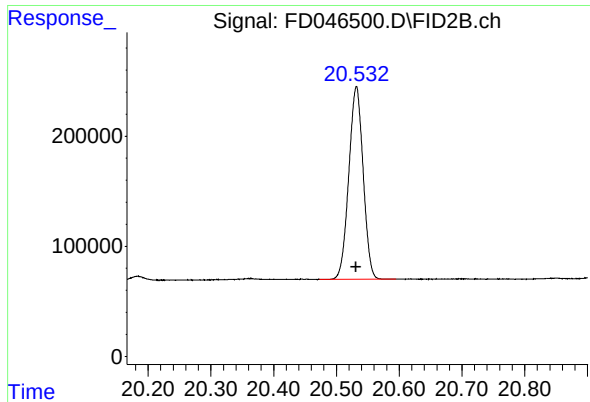
#19 n-Tetatriacontane (C34)

R.T.: 19.100 min
Delta R.T.: 0.000 min
Response: 3231391
Conc: 20.73 ug/ml



#20 n-Hexatriacontane (C36)

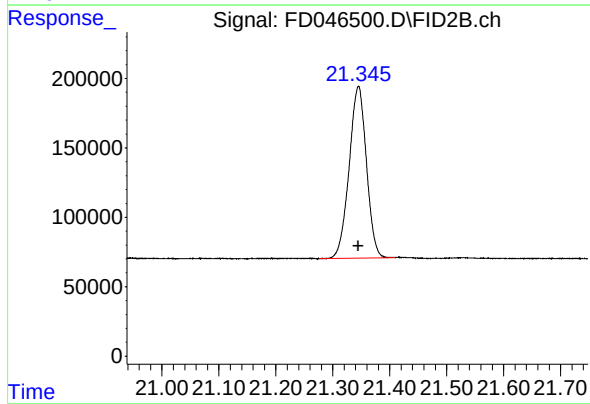
R.T.: 19.833 min
Delta R.T.: 0.000 min
Response: 2913779
Conc: 20.72 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.532 min
Delta R.T.: 0.000 min
Response: 2776519
Conc: 20.74 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.345 min
Delta R.T.: 0.000 min
Response: 2607522
Conc: 20.63 ug/ml