

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD032321AL\
 Data File : FD036508.D
 Signal(s) : FID2B.CH
 Acq On : 24 Mar 2021 00:54
 Operator : DD\AJ
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e
 Quant Time: Mar 24 03:21:37 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 032321.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 24 03:21:09 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)	11.507	15200842	102.553 ug/ml
Spiked Amount 50.000		Recovery =	205.11%
12) S 1-chlorooctadecane (S...	12.936	11963794	102.412 ug/ml
Spiked Amount 50.000		Recovery =	204.82%
Target Compounds			
1) T n-Nonane (C9)	3.300	12987456	102.534 ug/ml
2) T n-Decane (C10)	4.362	13185604	102.782 ug/ml
3) T A~Naphthalene (C11.7)	5.938	14980649	102.982 ug/ml
4) T n-Dodecane (C12)	6.373	13598003	103.065 ug/ml
5) T A~2-methylnaphthalene...	6.991	15420663	103.279 ug/ml
6) T n-Tetradecane (C14)	8.162	13835703	102.661 ug/ml
7) T n-Hexadecane (C16)	9.756	13696989	102.971 ug/ml
8) T n-Octadecane (C18)	11.194	14222002	102.633 ug/ml
10) T n-Eicosane (C20)	12.495	14167088	102.205 ug/ml
11) T n-Heneicosane (C21)	13.104	14028297	101.829 ug/ml
13) T n-Docosane (C22)	13.687	13869714	101.593 ug/ml
14) T n-Tetracosane (C24)	14.783	13444903	101.021 ug/ml
15) T n-Hexacosane (C26)	15.798	12789810	100.349 ug/ml
16) T n-Octacosane (C28)	16.741	12151351	99.601 ug/ml
17) T n-Tricontane (C30)	17.622	11443292	98.411 ug/ml
18) T n-Dotriacontane (C32)	18.447	10669116	96.781 ug/ml
19) T n-Tetratriacontane (C34)	19.226	10201935	99.046 ug/ml
20) T n-Hexatriacontane (C36)	19.960	9810369	102.767 ug/ml
21) T n-Octatriacontane (C38)	20.670	9380992	101.493 ug/ml
22) T n-Tetracontane (C40)	21.521	9805214	100.175 ug/ml

(f)=RT Delta > 1/2 Window

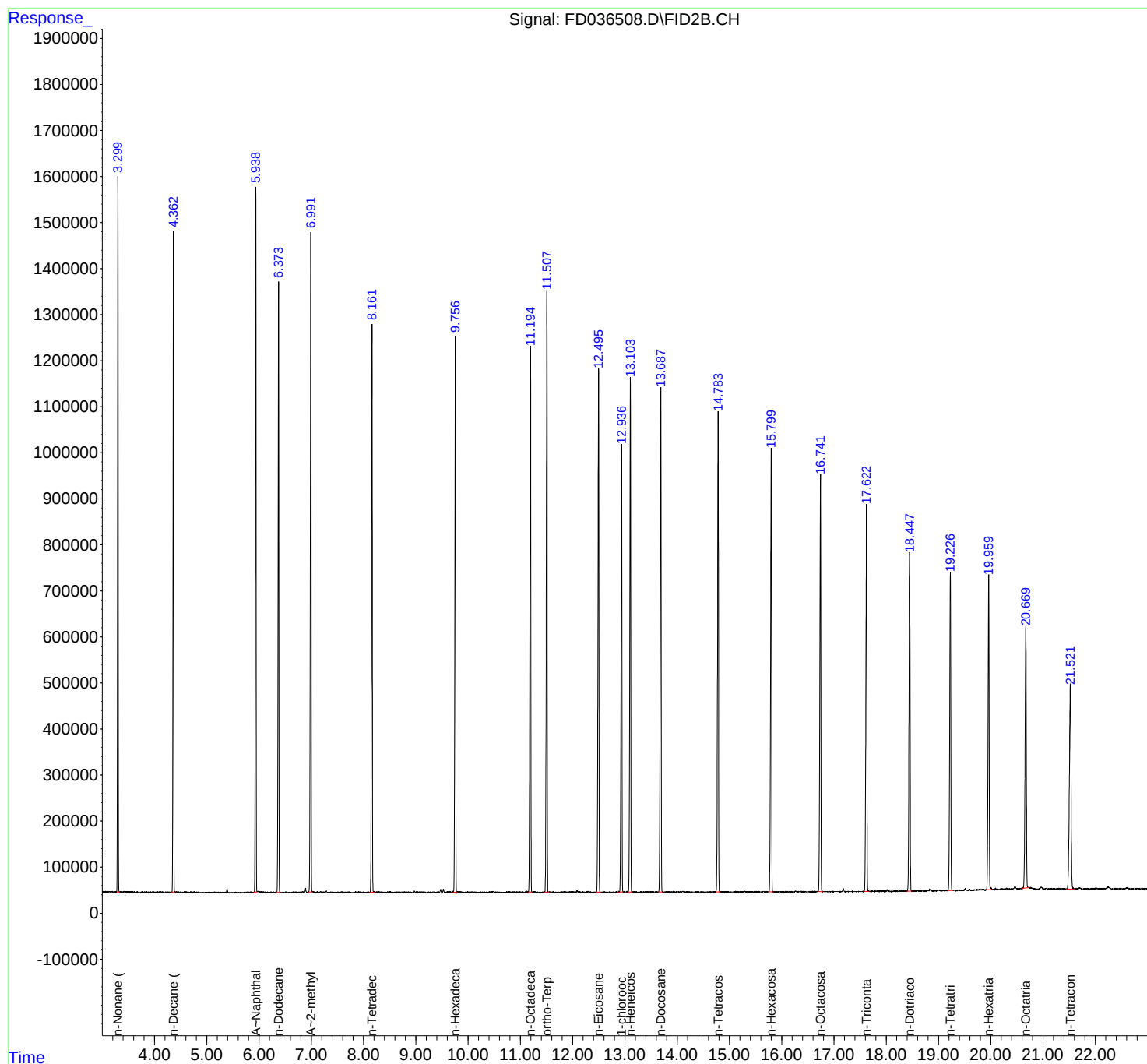
(m)=manual int.

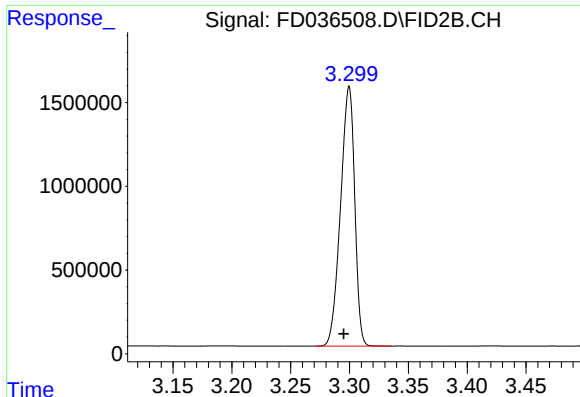
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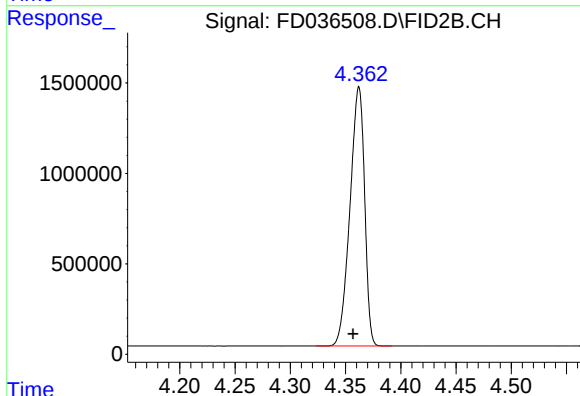




#1 n-Nonane (C9)

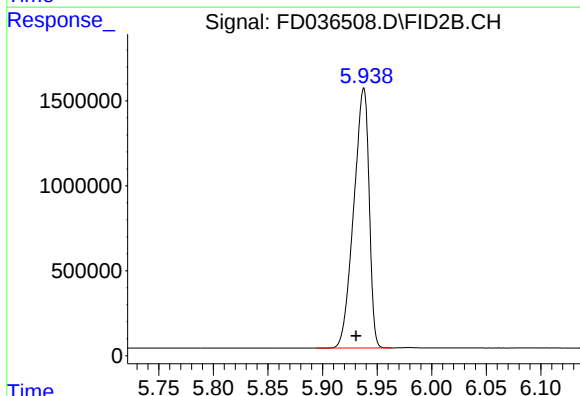
R.T.: 3.300 min
Delta R.T.: 0.005 min
Response: 12987456
Conc: 102.53 ug/ml

Instrument :
FID_D
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100 PPM ALIPHATIC HC STD1



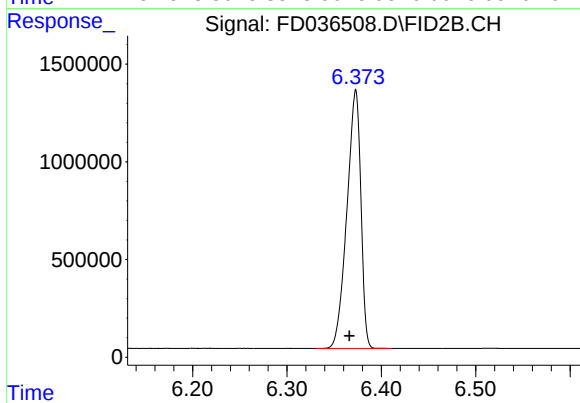
#2 n-Decane (C10)

R.T.: 4.362 min
Delta R.T.: 0.005 min
Response: 13185604
Conc: 102.78 ug/ml



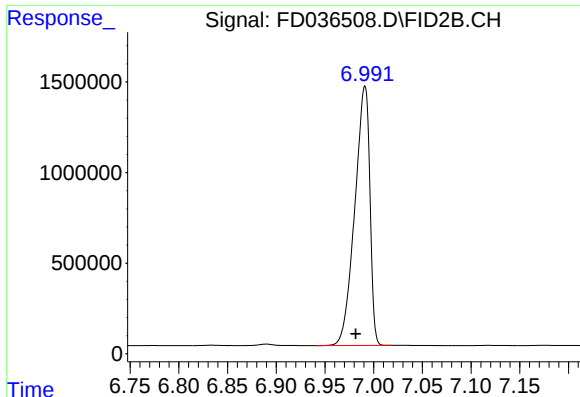
#3 A~Naphthalene (C11.7)

R.T.: 5.938 min
Delta R.T.: 0.007 min
Response: 14980649
Conc: 102.98 ug/ml



#4 n-Dodecane (C12)

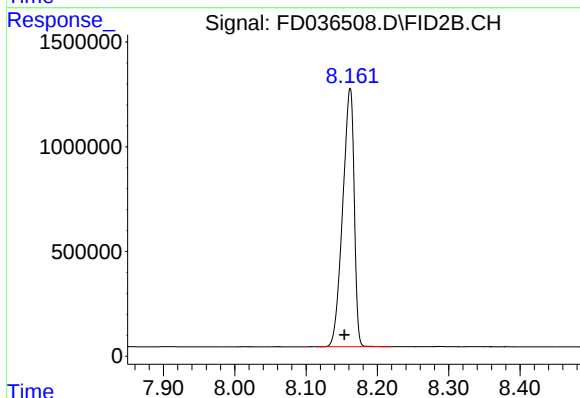
R.T.: 6.373 min
Delta R.T.: 0.007 min
Response: 13598003
Conc: 103.06 ug/ml



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

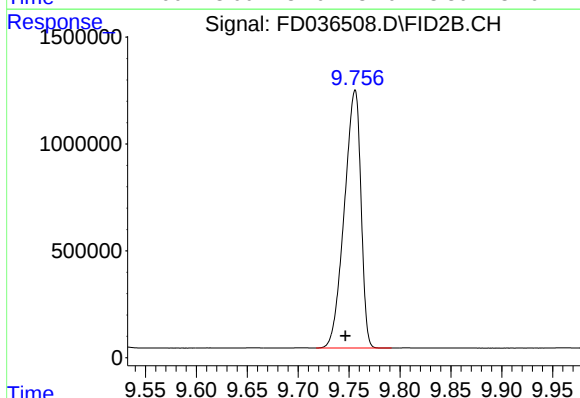
R.T.: 6.991 min
Delta R.T.: 0.010 min
Response: 15420663
Conc: 103.28 ug/ml

Instrument :
FID_D
ClientSampleId :
100 PPM ALIPHATIC HC STD1



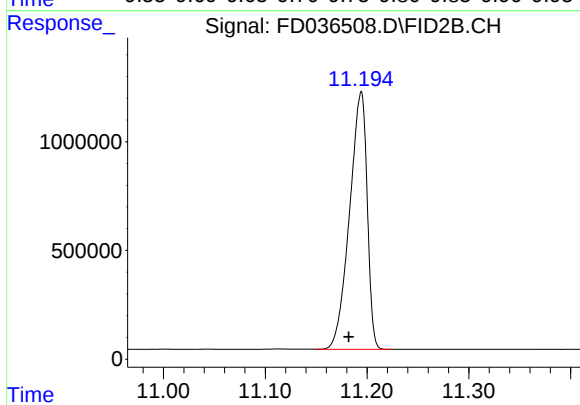
#6 n-Tetradecane (C14)

R.T.: 8.162 min
Delta R.T.: 0.008 min
Response: 13835703
Conc: 102.66 ug/ml



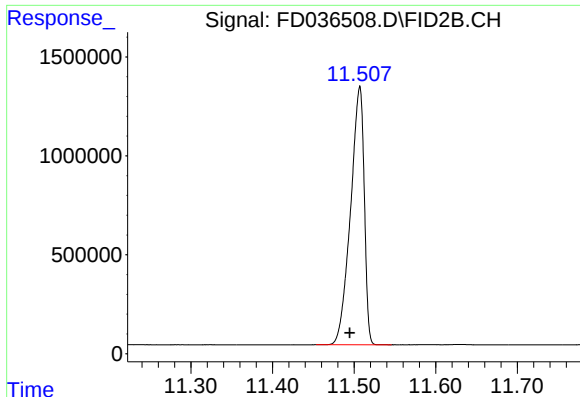
#7 n-Hexadecane (C16)

R.T.: 9.756 min
Delta R.T.: 0.010 min
Response: 13696989
Conc: 102.97 ug/ml



#8 n-Octadecane (C18)

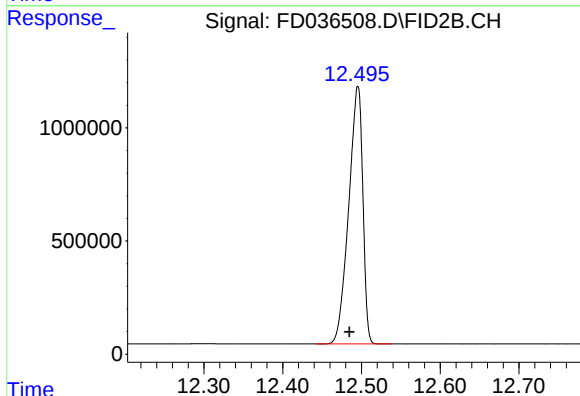
R.T.: 11.194 min
Delta R.T.: 0.012 min
Response: 14222002
Conc: 102.63 ug/ml



#9 ortho-Terphenyl (SURR)

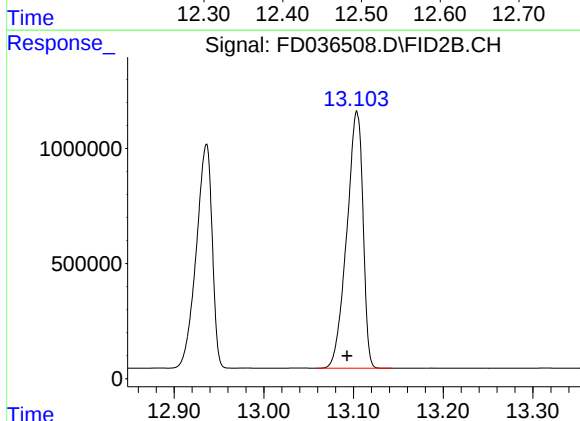
R.T.: 11.507 min
Delta R.T.: 0.012 min
Response: 15200842
Conc: 102.55 ug/ml

Instrument :
FID_D
ClientSampleId :
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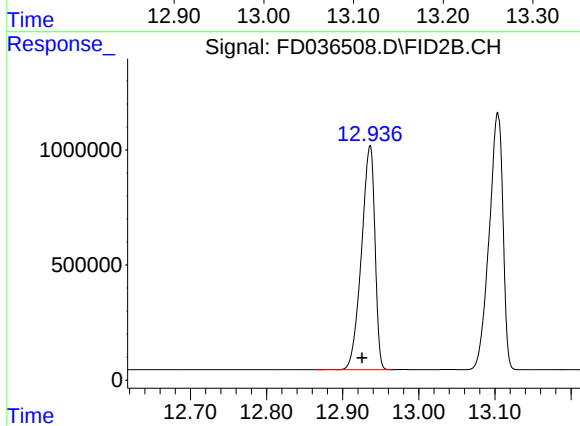
#10 n-Eicosane (C20)

R.T.: 12.495 min
Delta R.T.: 0.011 min
Response: 14167088
Conc: 102.21 ug/ml



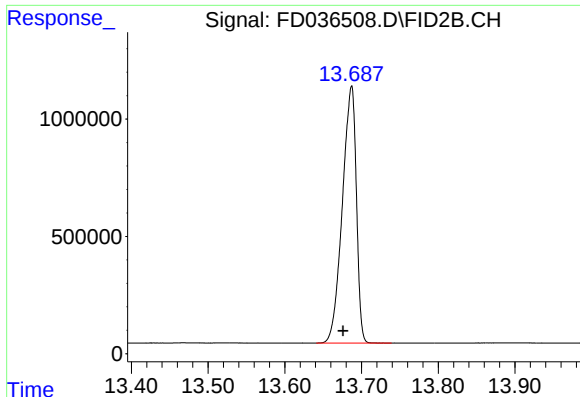
#11 n-Heneicosane (C21)

R.T.: 13.104 min
Delta R.T.: 0.011 min
Response: 14028297
Conc: 101.83 ug/ml



#12 1-chlorooctadecane (SURR)

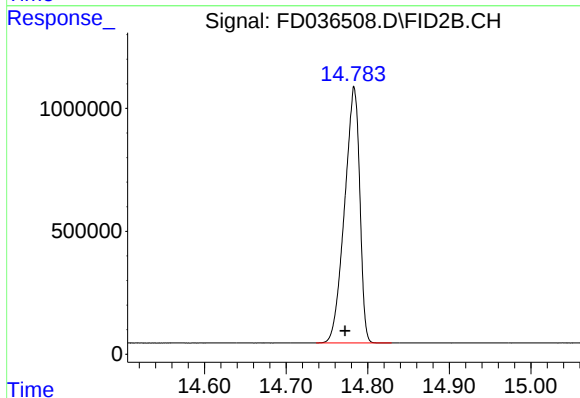
R.T.: 12.936 min
Delta R.T.: 0.011 min
Response: 11963794
Conc: 102.41 ug/ml



#13 n-Docosane (C22)

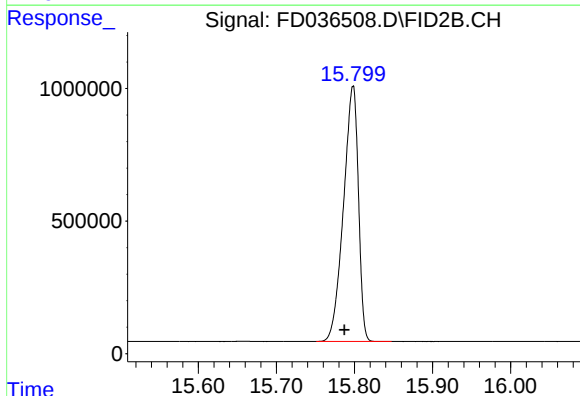
R.T.: 13.687 min
Delta R.T.: 0.011 min
Response: 13869714
Conc: 101.59 ug/ml

Instrument :
FID_D
ClientSampleId :
100 PPM ALIPHATIC HC STD1



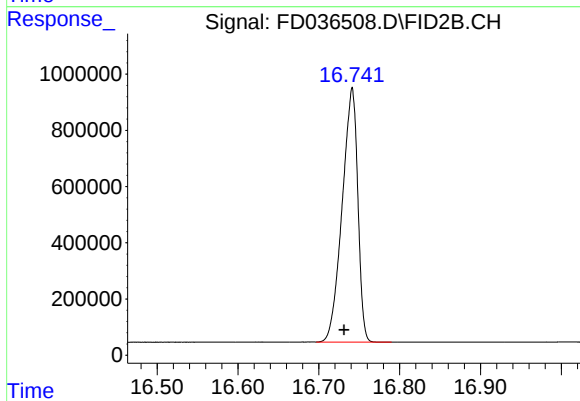
#14 n-Tetracosane (C24)

R.T.: 14.783 min
Delta R.T.: 0.011 min
Response: 13444903
Conc: 101.02 ug/ml



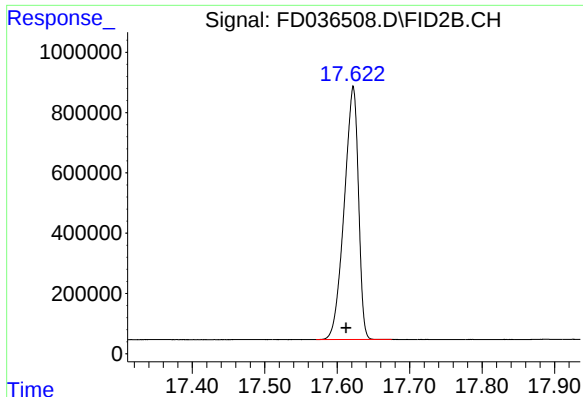
#15 n-Hexacosane (C26)

R.T.: 15.798 min
Delta R.T.: 0.011 min
Response: 12789810
Conc: 100.35 ug/ml



#16 n-Octacosane (C28)

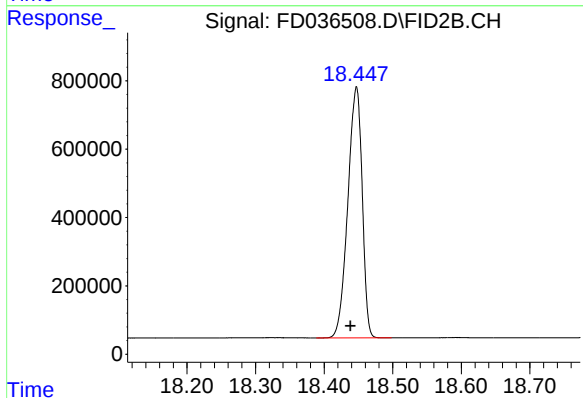
R.T.: 16.741 min
Delta R.T.: 0.010 min
Response: 12151351
Conc: 99.60 ug/ml



#17 n-Tricontane (C30)

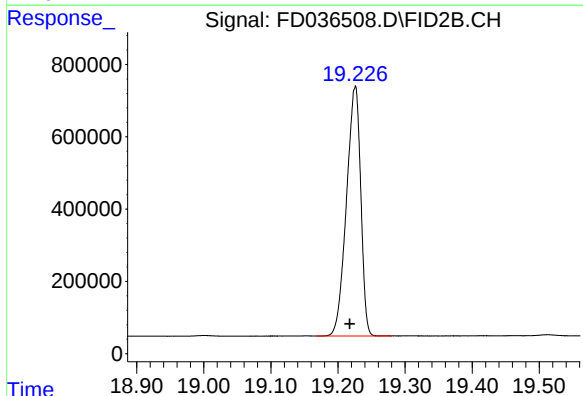
R.T.: 17.622 min
Delta R.T.: 0.010 min
Response: 11443292
Conc: 98.41 ug/ml

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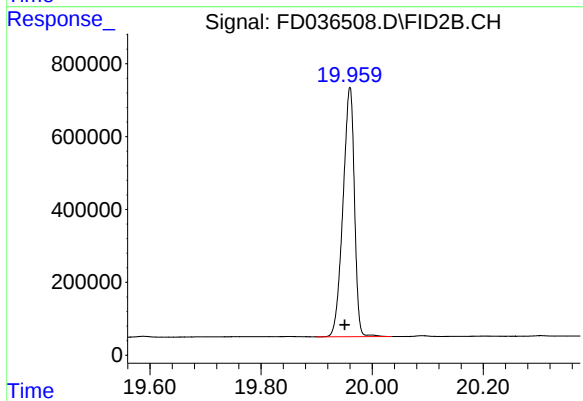
#18 n-Dotriacontane (C32)

R.T.: 18.447 min
Delta R.T.: 0.009 min
Response: 10669116
Conc: 96.78 ug/ml



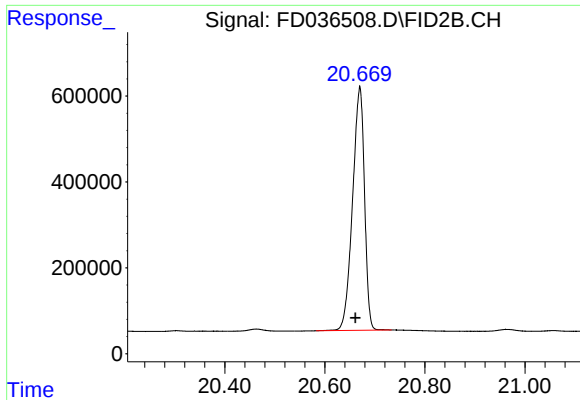
#19 n-Tetratriacontane (C34)

R.T.: 19.226 min
Delta R.T.: 0.008 min
Response: 10201935
Conc: 99.05 ug/ml



#20 n-Hexatriacontane (C36)

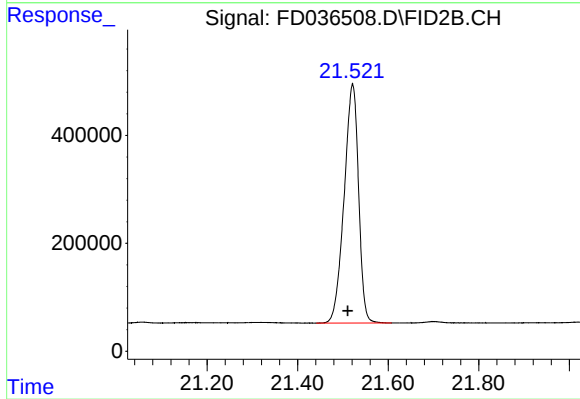
R.T.: 19.960 min
Delta R.T.: 0.009 min
Response: 9810369
Conc: 102.77 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.670 min
Delta R.T.: 0.009 min
Response: 9380992
Conc: 101.49 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.521 min
Delta R.T.: 0.011 min
Response: 9805214
Conc: 100.18 ug/ml