Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD072320AL\
Data File : FD034148.D
Signal(s) : FID2B.CH
Acq On : 24 Jul 2020 8:03
Operator : DD\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 60 Sample Multiplier: 1

Instrument : FID_D
ClientSampleId :

Integration File: autoint1.e
Quant Time: Jul 24 09:23:22 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 070820.M
Quant Title : GC Extractables
QLast Update : Wed Jul 08 04:25:35 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)	11.612	2939687	21.660 ug/ml
Spiked Amount	50.000		Recovery =	43.32%
12) S	1-chlorooctadecane (S...	13.041	2383460	21.428 ug/ml
Spiked Amount	50.000		Recovery =	42.86%
	Target Compounds			
1) T	n-Nonane (C9)	3.390	2669024	22.237 ug/ml
2) T	n-Decane (C10)	4.457	2710998	22.410 ug/ml
3) T	A~Naphthalene (C11.7)	6.041	3035532	22.504 ug/ml
4) T	n-Dodecane (C12)	6.471	2758695	22.474 ug/ml
5) T	A~2-methylnaphthalene...	7.095	3104359	22.512 ug/ml
6) T	n-Tetradecane (C14)	8.261	2762429	22.618 ug/ml
7) T	n-Hexadecane (C16)	9.856	2727983	22.430 ug/ml
8) T	n-Octadecane (C18)	11.292	2816999	22.215 ug/ml
10) T	n-Eicosane (C20)	12.597	2795612	21.853 ug/ml
11) T	n-Heneicosane (C21)	13.207	2760504	21.550 ug/ml
13) T	n-Docosane (C22)	13.790	2729478	21.290 ug/ml
14) T	n-Tetracosane (C24)	14.888	2671146	20.815 ug/ml
15) T	n-Hexacosane (C26)	15.903	2573905	20.223 ug/ml
16) T	n-Octacosane (C28)	16.848	2499450	19.689 ug/ml
17) T	n-Tricontane (C30)	17.731	2403609	19.430 ug/ml
18) T	n-Dotriacontane (C32)	18.559	2177303	19.328 ug/ml
19) T	n-Tetratriacontane (C34)	19.338	2009399	19.077 ug/ml
20) T	n-Hexatriacontane (C36)	20.072	1884151	18.689 ug/ml
21) T	n-Octatriacontane (C38)	20.803	1788916	19.588 ug/ml
22) T	n-Tetracontane (C40)	21.707	1858958	20.915 ug/ml

(f)=RT Delta > 1/2 Window (m)=manual int.

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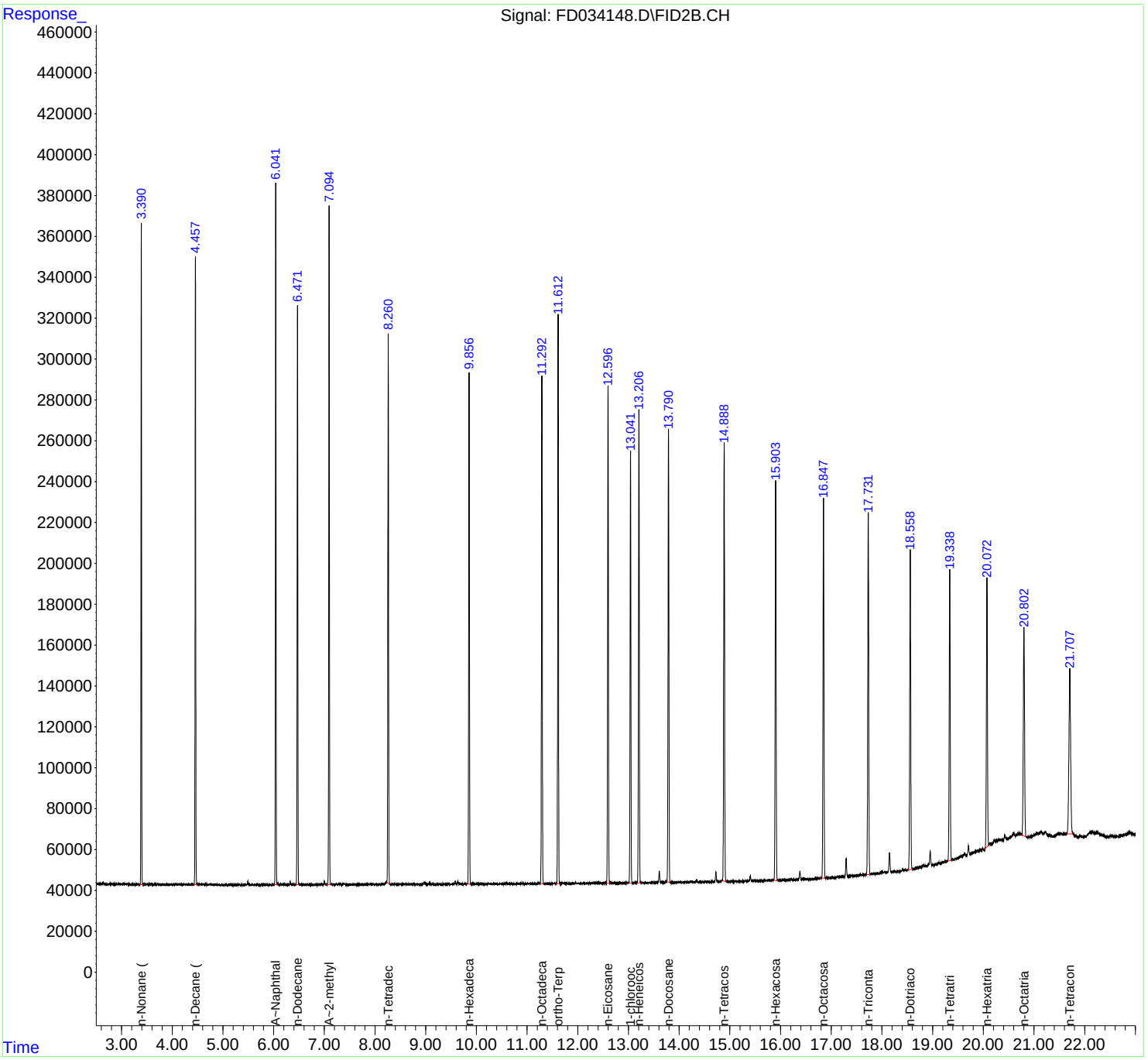
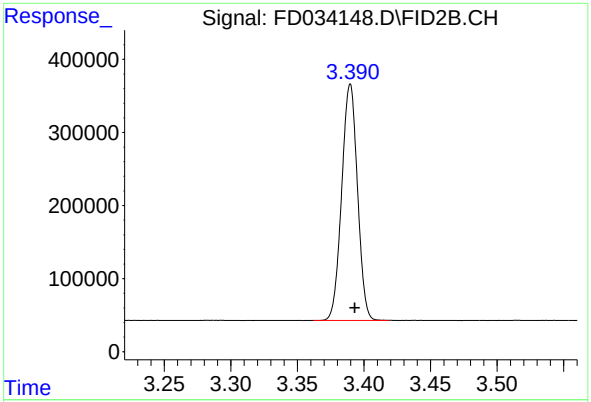
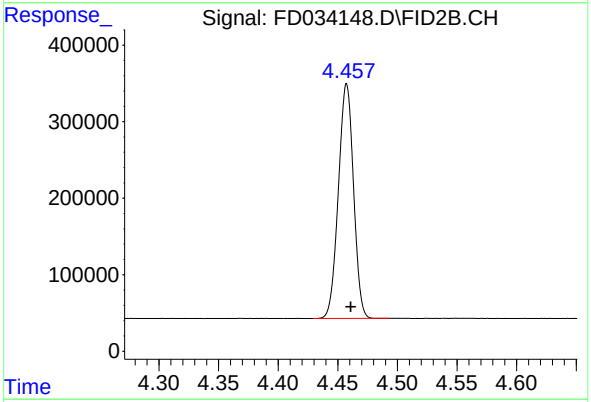




#1 n-Nonane (C9)

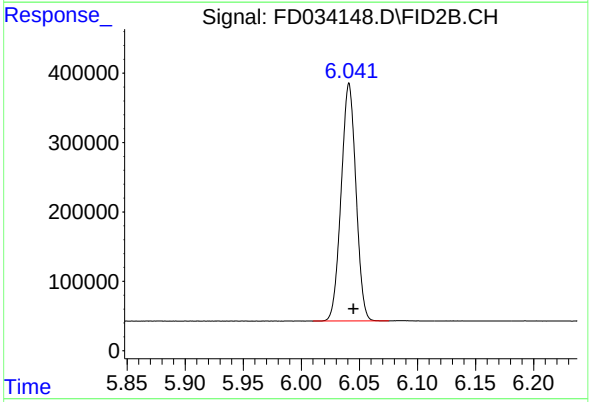
R.T.: 3.390 min
Delta R.T.: -0.003 min
Response: 2669024
Conc: 22.24 ug/ml

Instrument :
FID_D
ClientSampleId :



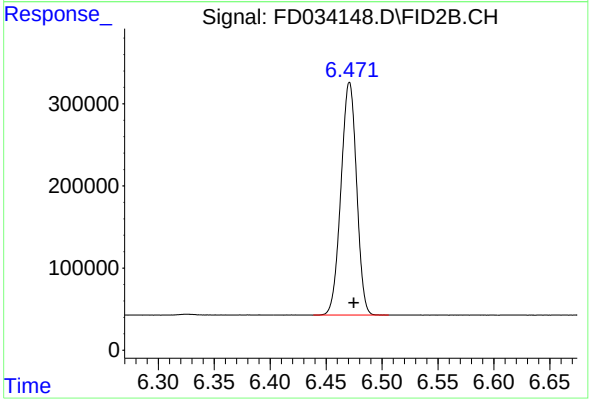
#2 n-Decane (C10)

R.T.: 4.457 min
Delta R.T.: -0.003 min
Response: 2710998
Conc: 22.41 ug/ml



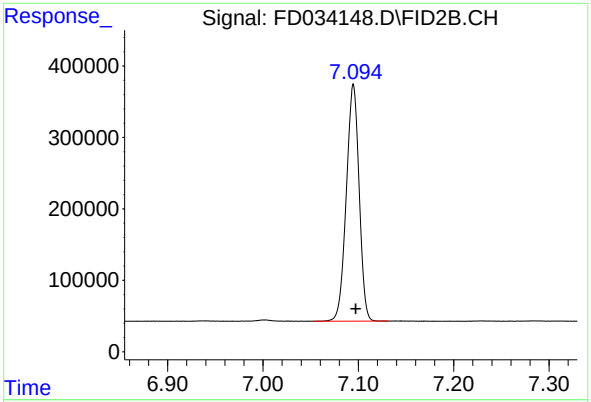
#3 A~Naphthalene (C11.7)

R.T.: 6.041 min
Delta R.T.: -0.004 min
Response: 3035532
Conc: 22.50 ug/ml



#4 n-Dodecane (C12)

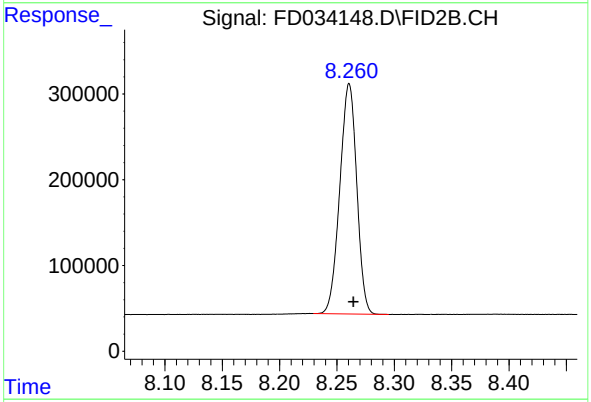
R.T.: 6.471 min
Delta R.T.: -0.004 min
Response: 2758695
Conc: 22.47 ug/ml



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

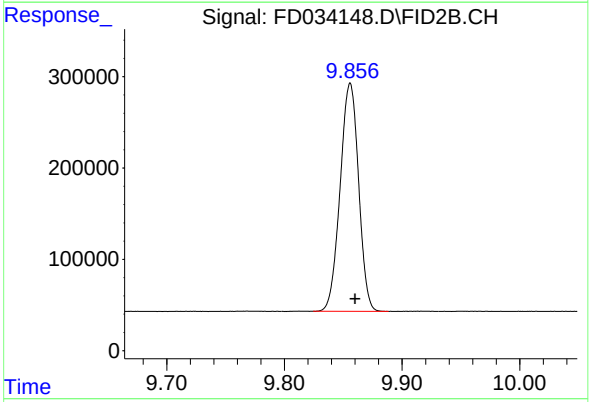
R.T.: 7.095 min
Delta R.T.: -0.002 min
Response: 3104359
Conc: 22.51 ug/ml

Instrument :
FID_D
ClientSampleId :



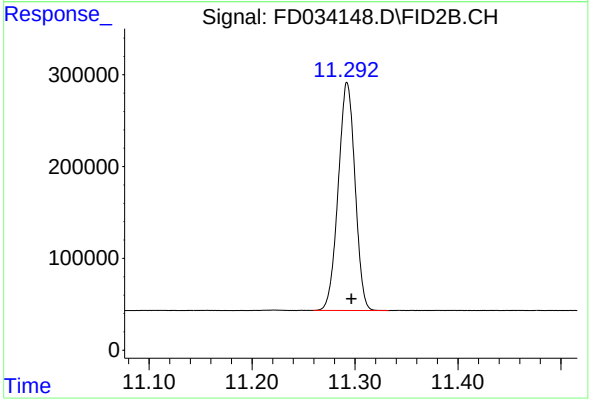
#6 n-Tetradecane (C14)

R.T.: 8.261 min
Delta R.T.: -0.004 min
Response: 2762429
Conc: 22.62 ug/ml



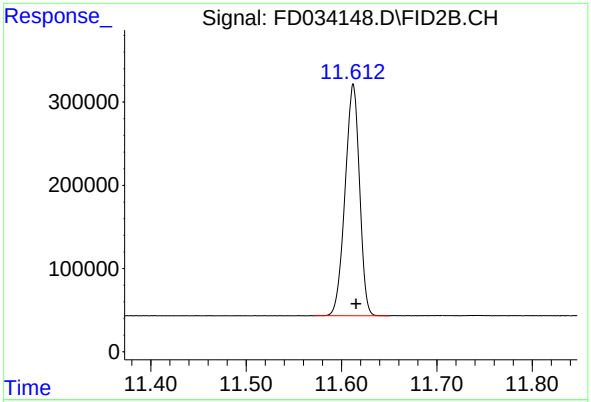
#7 n-Hexadecane (C16)

R.T.: 9.856 min
Delta R.T.: -0.004 min
Response: 2727983
Conc: 22.43 ug/ml



#8 n-Octadecane (C18)

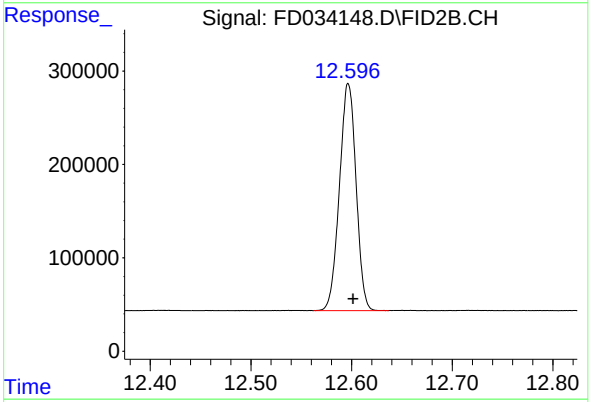
R.T.: 11.292 min
Delta R.T.: -0.004 min
Response: 2816999
Conc: 22.21 ug/ml



#9 ortho-Terphenyl (SURR)

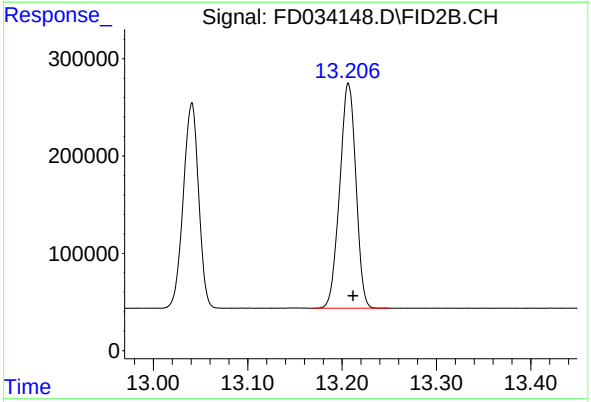
R.T.: 11.612 min
Delta R.T.: -0.003 min
Response: 2939687
Conc: 21.66 ug/ml

Instrument :
FID_D
ClientSampleId :



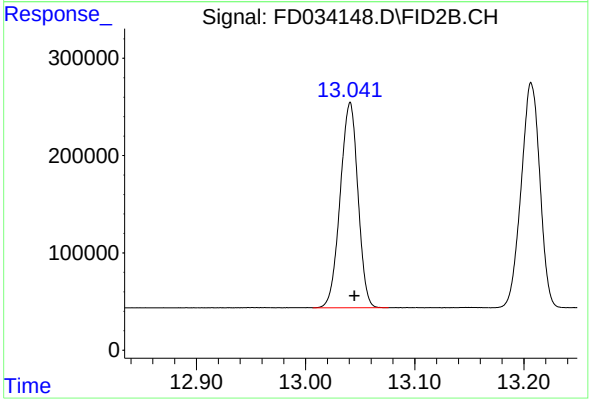
#10 n-Eicosane (C20)

R.T.: 12.597 min
Delta R.T.: -0.005 min
Response: 2795612
Conc: 21.85 ug/ml



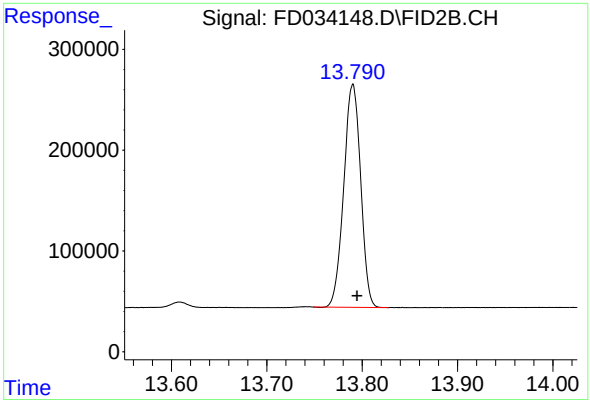
#11 n-Heneicosane (C21)

R.T.: 13.207 min
Delta R.T.: -0.005 min
Response: 2760504
Conc: 21.55 ug/ml



#12 1-chlorooctadecane (SURR)

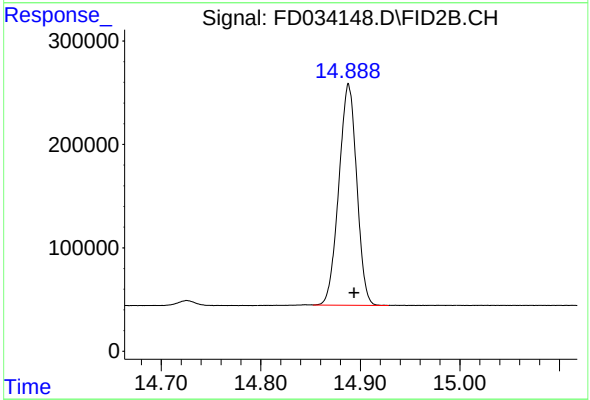
R.T.: 13.041 min
Delta R.T.: -0.004 min
Response: 2383460
Conc: 21.43 ug/ml



#13 n-Docosane (C22)

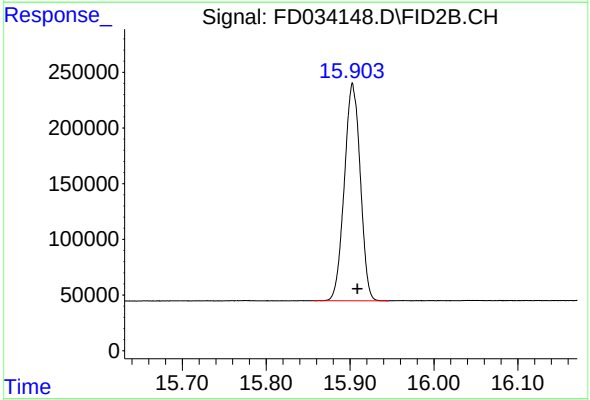
R.T.: 13.790 min
Delta R.T.: -0.004 min
Response: 2729478
Conc: 21.29 ug/ml

Instrument :
FID_D
ClientSampleId :



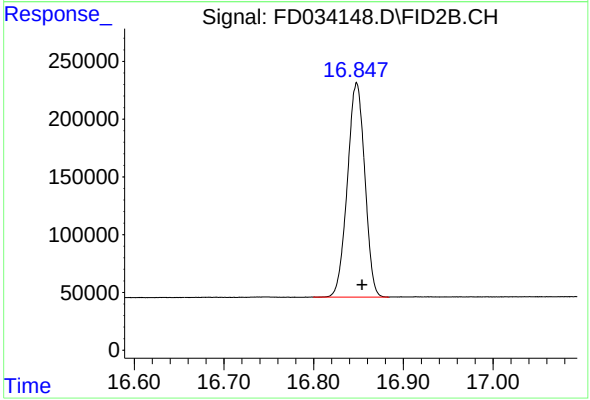
#14 n-Tetracosane (C24)

R.T.: 14.888 min
Delta R.T.: -0.006 min
Response: 2671146
Conc: 20.81 ug/ml



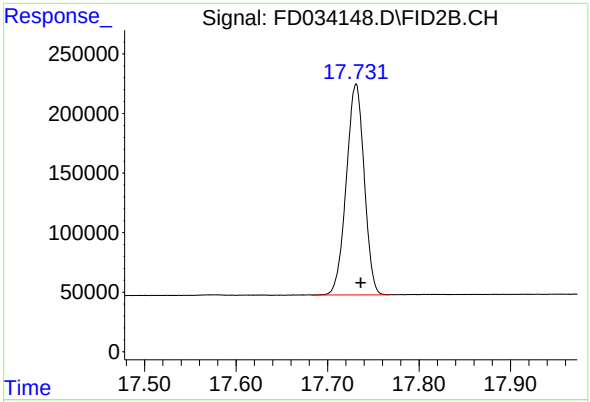
#15 n-Hexacosane (C26)

R.T.: 15.903 min
Delta R.T.: -0.006 min
Response: 2573905
Conc: 20.22 ug/ml



#16 n-Octacosane (C28)

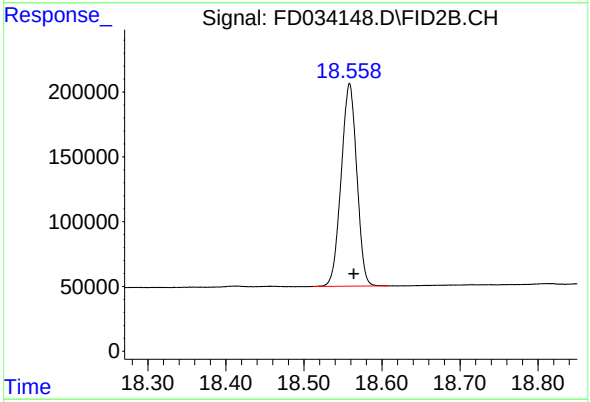
R.T.: 16.848 min
Delta R.T.: -0.006 min
Response: 2499450
Conc: 19.69 ug/ml



#17 n-Tricontane (C30)

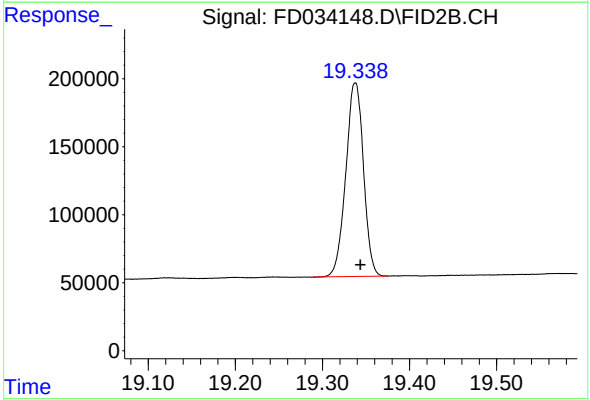
R.T.: 17.731 min
Delta R.T.: -0.005 min
Response: 2403609
Conc: 19.43 ug/ml

Instrument :
FID_D
ClientSampleId :



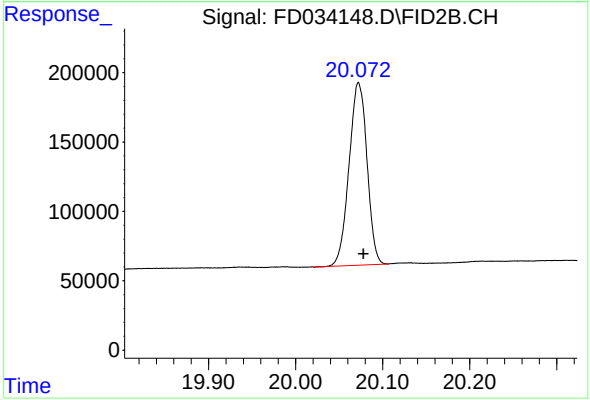
#18 n-Dotriacontane (C32)

R.T.: 18.559 min
Delta R.T.: -0.005 min
Response: 2177303
Conc: 19.33 ug/ml



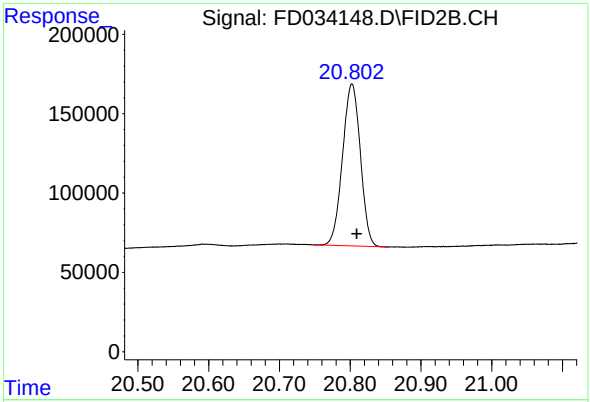
#19 n-Tetratriacontane (C34)

R.T.: 19.338 min
Delta R.T.: -0.006 min
Response: 2009399
Conc: 19.08 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.072 min
Delta R.T.: -0.006 min
Response: 1884151
Conc: 18.69 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.803 min
Delta R.T.: -0.007 min
Response: 1788916
Conc: 19.59 ug/ml

Instrument :
FID_D
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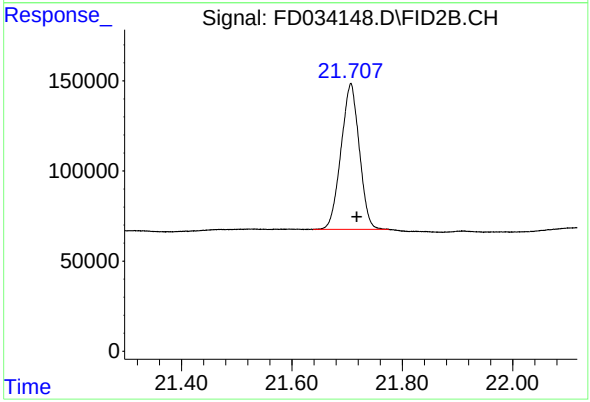

#22 n-Tetracontane (C40)

R.T.: 21.707 min
Delta R.T.: -0.010 min
Response: 1858958
Conc: 20.92 ug/ml