

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061721AL\
 Data File : FD037954.D
 Signal(s) : FID2B.CH
 Acq On : 17 Jun 2021 12:55
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jun 18 03:15:52 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 061021.M
 Quant Title : GC Extractables
 QLast Update : Fri Jun 11 05:11:15 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)	11.437	2757937	19.433 ug/ml
Spiked Amount 50.000		Recovery =	38.87%
12) S 1-chlorooctadecane (S...	12.872	2118589	19.002 ug/ml
Spiked Amount 50.000		Recovery =	38.00%
Target Compounds			
1) T n-Nonane (C9)	3.246	2489109	20.587 ug/ml
2) T n-Decane (C10)	4.304	2526944	20.615 ug/ml
3) T A~Naphthalene (C11.7)	5.875	2806237	20.809 ug/ml
4) T n-Dodecane (C12)	6.311	2564005	20.885 ug/ml
5) T A~2-methylnaphthalene...	6.926	2804581	20.712 ug/ml
6) T n-Tetradecane (C14)	8.099	2616398	20.850 ug/ml
7) T n-Hexadecane (C16)	9.692	2597885	20.298 ug/ml
8) T n-Octadecane (C18)	11.128	2626392	19.876 ug/ml
10) T n-Eicosane (C20)	12.431	2548011	19.306 ug/ml
11) T n-Heneicosane (C21)	13.039	2536258	19.113 ug/ml
13) T n-Docosane (C22)	13.623	2494800	19.028 ug/ml
14) T n-Tetracosane (C24)	14.720	2414818	18.505 ug/ml
15) T n-Hexacosane (C26)	15.736	2297768	18.104 ug/ml
16) T n-Octacosane (C28)	16.680	2206098	17.779 ug/ml
17) T n-Tricontane (C30)	17.562	2135742	17.750 ug/ml
18) T n-Dotriacontane (C32)	18.391	2048933	17.901 ug/ml
19) T n-Tetratriacontane (C34)	19.170	1974932	18.272 ug/ml
20) T n-Hexatriacontane (C36)	19.906	1890898	18.935 ug/ml
21) T n-Octatriacontane (C38)	20.611	1847705	20.115 ug/ml
22) T n-Tetracontane (C40)	21.445	1905422	20.032 ug/ml

(f)=RT Delta > 1/2 Window

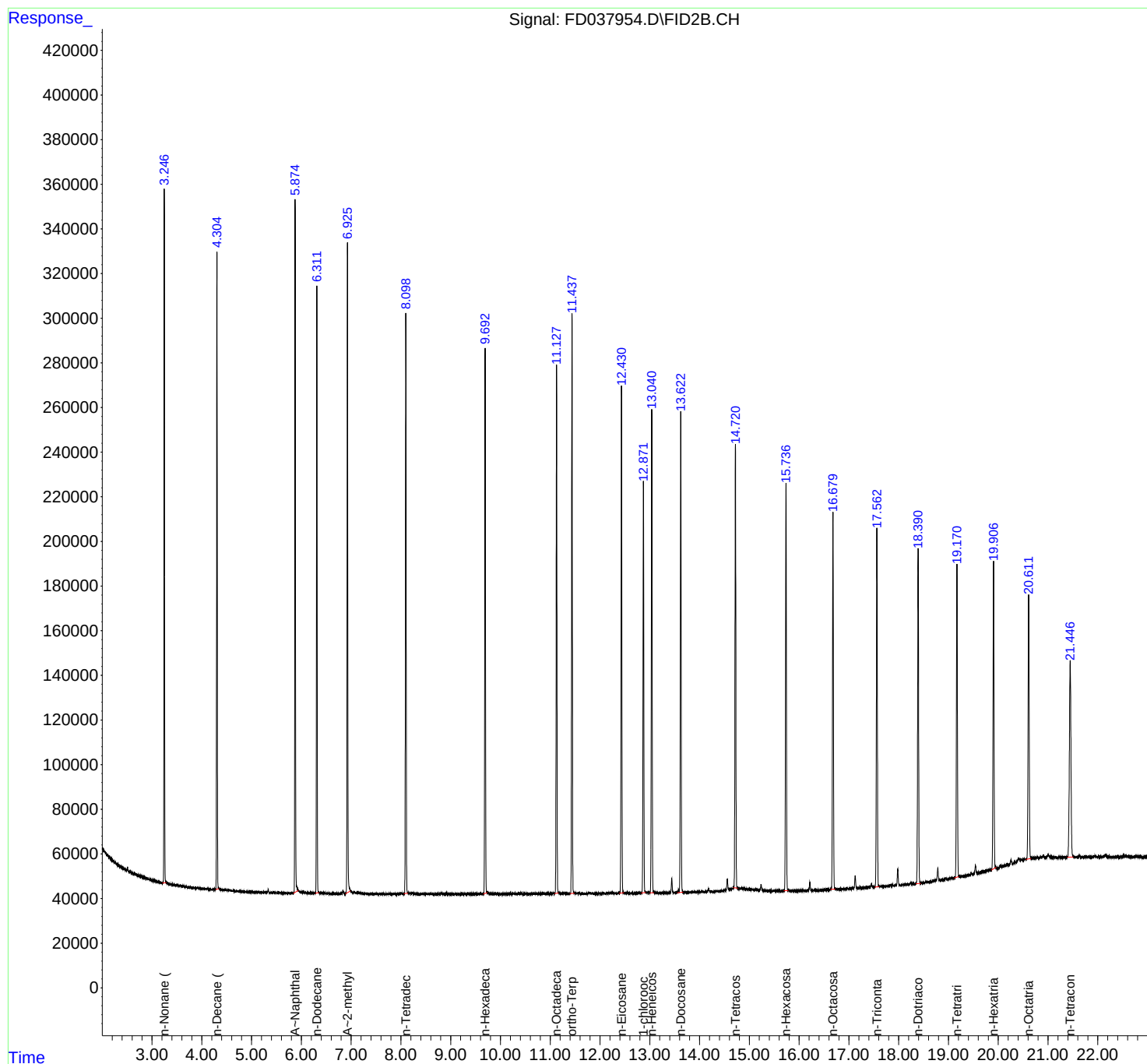
(m)=manual int.

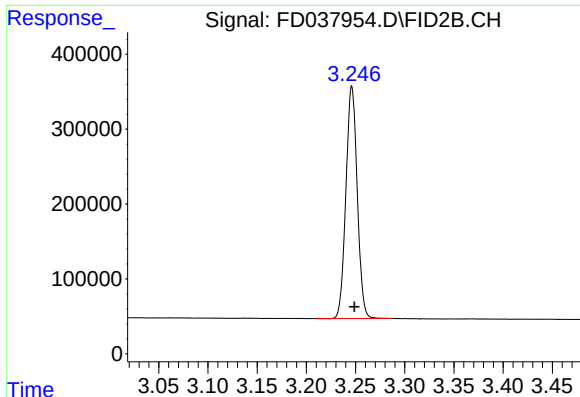
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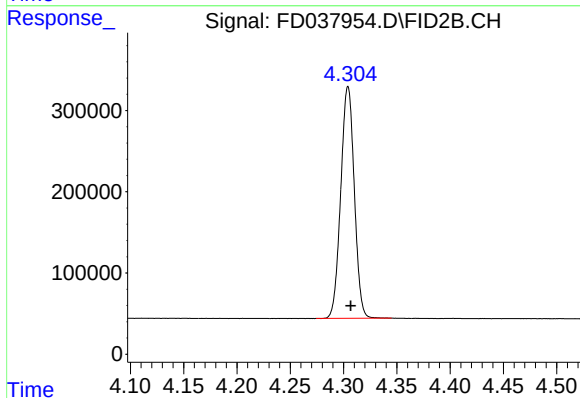




#1 n-Nonane (C9)

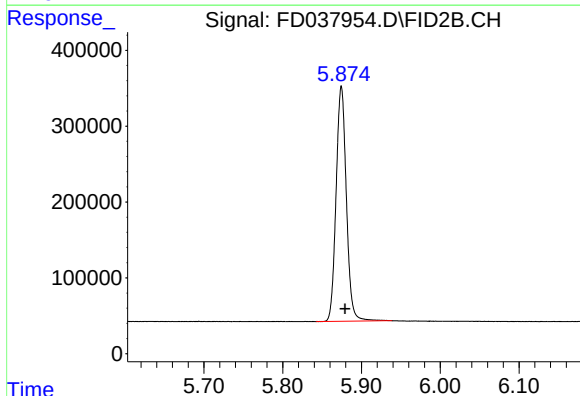
R.T.: 3.246 min
Delta R.T.: -0.003 min
Response: 2489109
Conc: 20.59 ug/ml

Instrument :
FID_D
ClientSampleId :



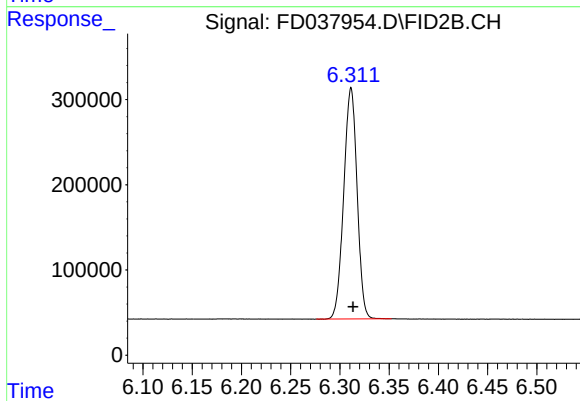
#2 n-Decane (C10)

R.T.: 4.304 min
Delta R.T.: -0.003 min
Response: 2526944
Conc: 20.62 ug/ml



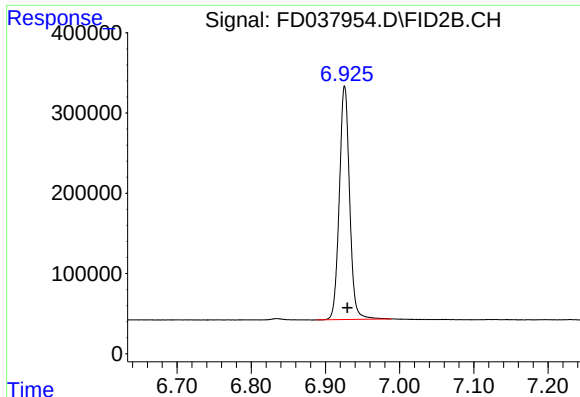
#3 A~Naphthalene (C11.7)

R.T.: 5.875 min
Delta R.T.: -0.005 min
Response: 2806237
Conc: 20.81 ug/ml



#4 n-Dodecane (C12)

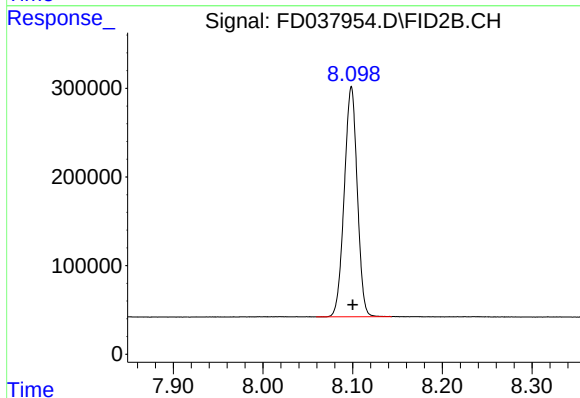
R.T.: 6.311 min
Delta R.T.: -0.002 min
Response: 2564005
Conc: 20.89 ug/ml



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

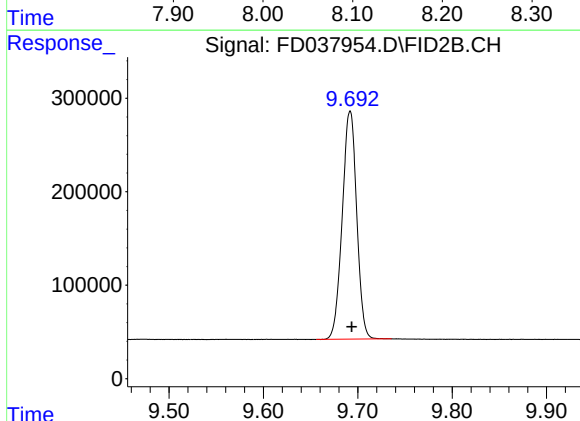
R.T.: 6.926 min
Delta R.T.: -0.004 min
Response: 2804581
Conc: 20.71 ug/ml

Instrument :
FID_D
ClientSampleId :



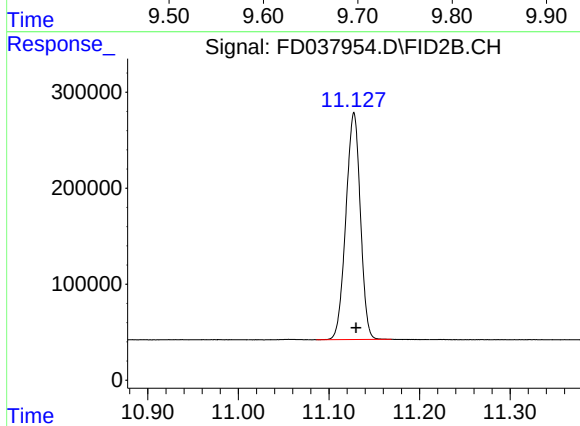
#6 n-Tetradecane (C14)

R.T.: 8.099 min
Delta R.T.: -0.001 min
Response: 2616398
Conc: 20.85 ug/ml



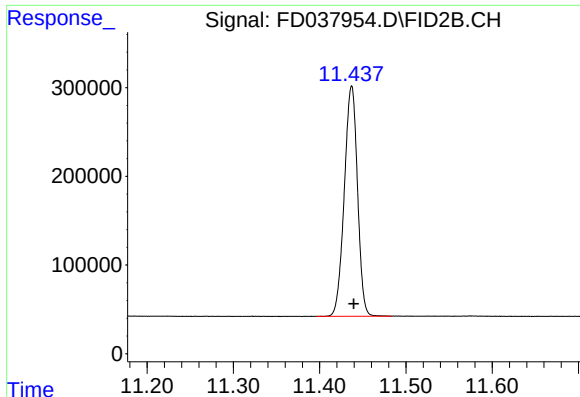
#7 n-Hexadecane (C16)

R.T.: 9.692 min
Delta R.T.: -0.002 min
Response: 2597885
Conc: 20.30 ug/ml



#8 n-Octadecane (C18)

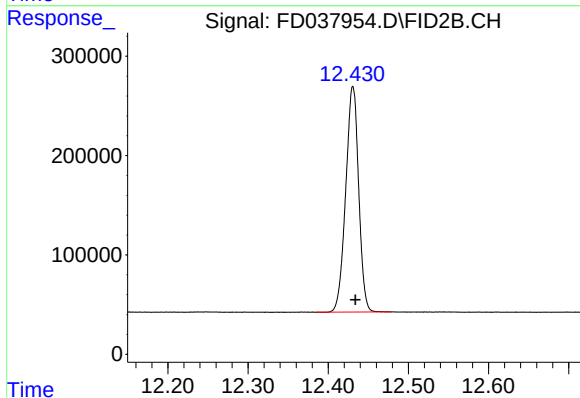
R.T.: 11.128 min
Delta R.T.: -0.002 min
Response: 2626392
Conc: 19.88 ug/ml



#9 ortho-Terphenyl (SURR)

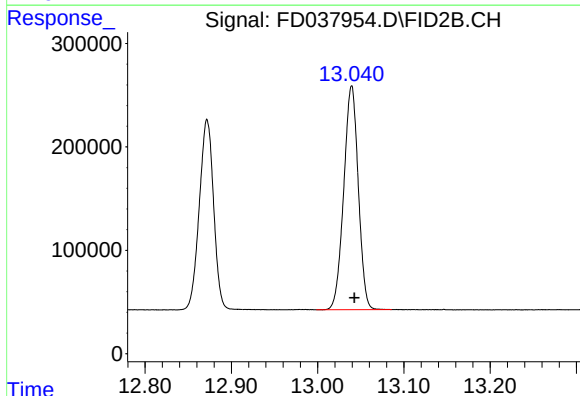
R.T.: 11.437 min
Delta R.T.: -0.002 min
Response: 2757937
Conc: 19.43 ug/ml

Instrument :
FID_D
ClientSampleId :



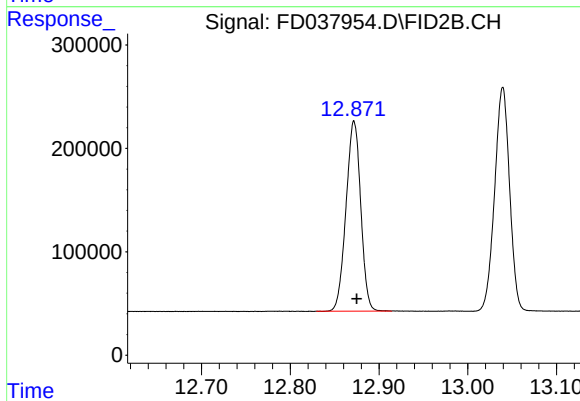
#10 n-Eicosane (C20)

R.T.: 12.431 min
Delta R.T.: -0.003 min
Response: 2548011
Conc: 19.31 ug/ml



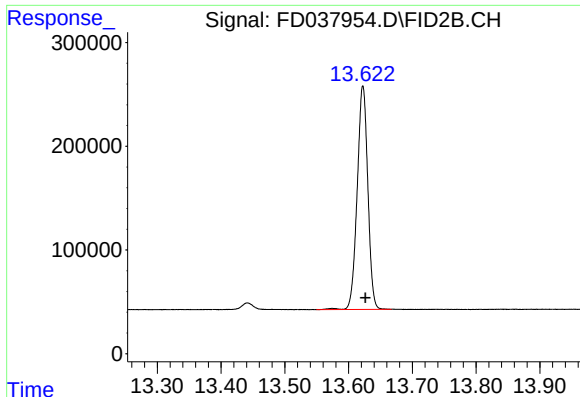
#11 n-Heneicosane (C21)

R.T.: 13.039 min
Delta R.T.: -0.003 min
Response: 2536258
Conc: 19.11 ug/ml



#12 1-chlorooctadecane (SURR)

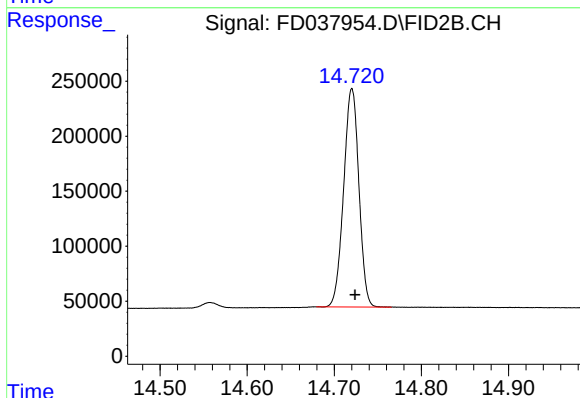
R.T.: 12.872 min
Delta R.T.: -0.003 min
Response: 2118589
Conc: 19.00 ug/ml



#13 n-Docosane (C22)

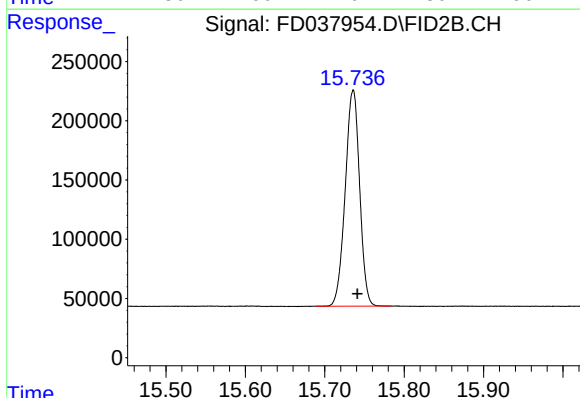
R.T.: 13.623 min
Delta R.T.: -0.004 min
Response: 2494800
Conc: 19.03 ug/ml

Instrument :
FID_D
ClientSampleId :



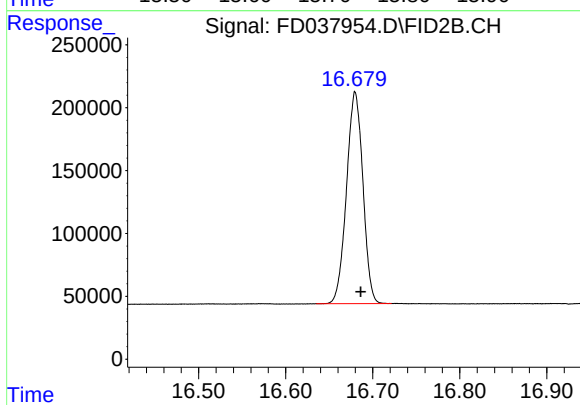
#14 n-Tetracosane (C24)

R.T.: 14.720 min
Delta R.T.: -0.004 min
Response: 2414818
Conc: 18.51 ug/ml



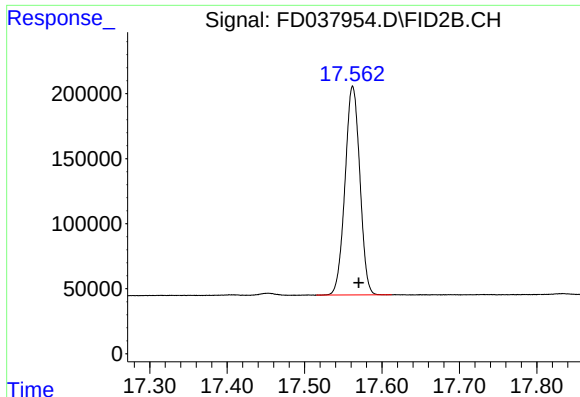
#15 n-Hexacosane (C26)

R.T.: 15.736 min
Delta R.T.: -0.005 min
Response: 2297768
Conc: 18.10 ug/ml



#16 n-Octacosane (C28)

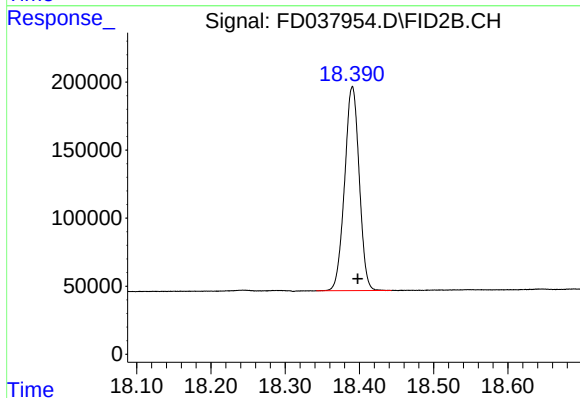
R.T.: 16.680 min
Delta R.T.: -0.006 min
Response: 2206098
Conc: 17.78 ug/ml



#17 n-Tricontane (C30)

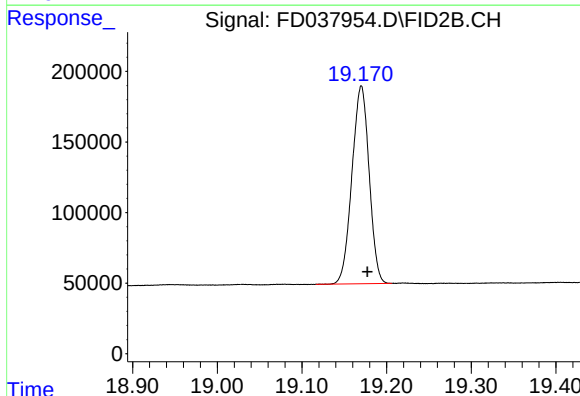
R.T.: 17.562 min
Delta R.T.: -0.008 min
Response: 2135742
Conc: 17.75 ug/ml

Instrument :
FID_D
ClientSampleId :



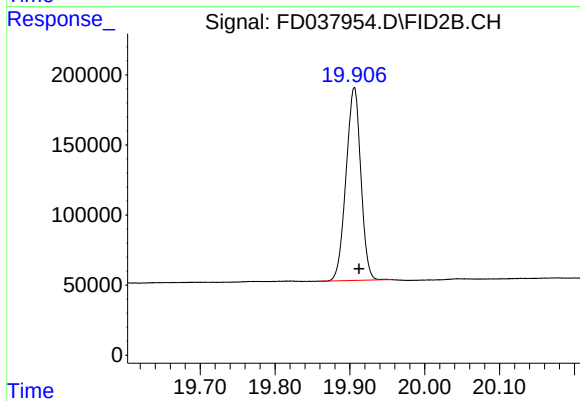
#18 n-Dotriacontane (C32)

R.T.: 18.391 min
Delta R.T.: -0.008 min
Response: 2048933
Conc: 17.90 ug/ml



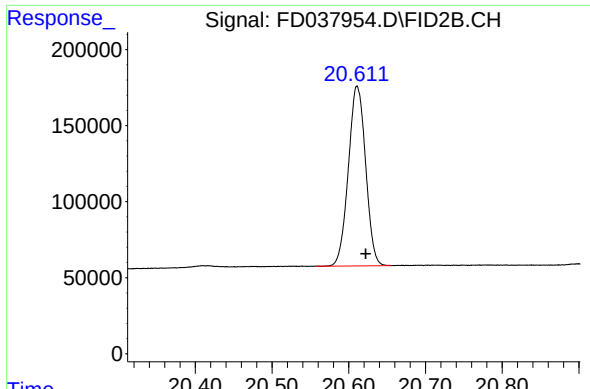
#19 n-Tetratriacontane (C34)

R.T.: 19.170 min
Delta R.T.: -0.007 min
Response: 1974932
Conc: 18.27 ug/ml



#20 n-Hexatriacontane (C36)

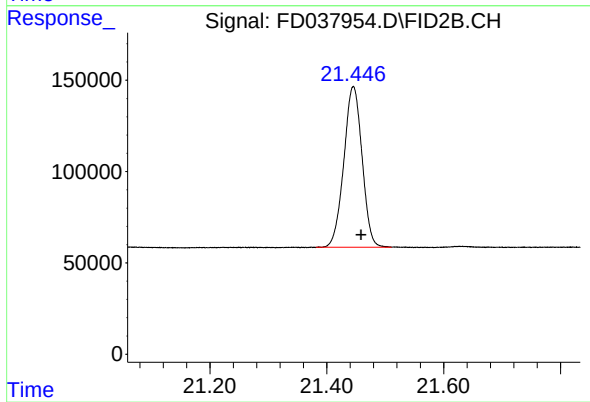
R.T.: 19.906 min
Delta R.T.: -0.007 min
Response: 1890898
Conc: 18.93 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.611 min
Delta R.T.: -0.011 min
Response: 1847705
Conc: 20.12 ug/ml

Instrument :
FID_D
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.445 min
Delta R.T.: -0.013 min
Response: 1905422
Conc: 20.03 ug/ml