

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD032321AL\
 Data File : FD036509.D
 Signal(s) : FID2B.CH
 Acq On : 24 Mar 2021 1:31
 Operator : DD\AJ
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e
 Quant Time: Mar 24 03:21:55 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)	11.499	7329724	49.450 ug/ml
Spiked Amount 50.000		Recovery =	98.90%
12) S 1-chlorooctadecane (S...	12.929	5762877	49.331 ug/ml
Spiked Amount 50.000		Recovery =	98.66%
Target Compounds			
1) T n-Nonane (C9)	3.297	6301124	49.746 ug/ml
2) T n-Decane (C10)	4.359	6394219	49.843 ug/ml
3) T A~Naphthalene (C11.7)	5.933	7244474	49.801 ug/ml
4) T n-Dodecane (C12)	6.369	6573689	49.825 ug/ml
5) T A~2-methylnaphthalene...	6.985	7438437	49.818 ug/ml
6) T n-Tetradecane (C14)	8.157	6689845	49.639 ug/ml
7) T n-Hexadecane (C16)	9.750	6594927	49.579 ug/ml
8) T n-Octadecane (C18)	11.186	6856051	49.477 ug/ml
10) T n-Eicosane (C20)	12.488	6836350	49.319 ug/ml
11) T n-Heneicosane (C21)	13.098	6773551	49.168 ug/ml
13) T n-Docosane (C22)	13.681	6702681	49.096 ug/ml
14) T n-Tetracosane (C24)	14.777	6518116	48.975 ug/ml
15) T n-Hexacosane (C26)	15.792	6216308	48.773 ug/ml
16) T n-Octacosane (C28)	16.735	5926021	48.574 ug/ml
17) T n-Tricontane (C30)	17.616	5595999	48.125 ug/ml
18) T n-Dotriacontane (C32)	18.443	5236984	47.506 ug/ml
19) T n-Tetratriacontane (C34)	19.221	4991752	48.463 ug/ml
20) T n-Hexatriacontane (C36)	19.955	4700288	49.237 ug/ml
21) T n-Octatriacontane (C38)	20.665	4550008	49.227 ug/ml
22) T n-Tetracontane (C40)	21.515	4795273	48.991 ug/ml

(f)=RT Delta > 1/2 Window

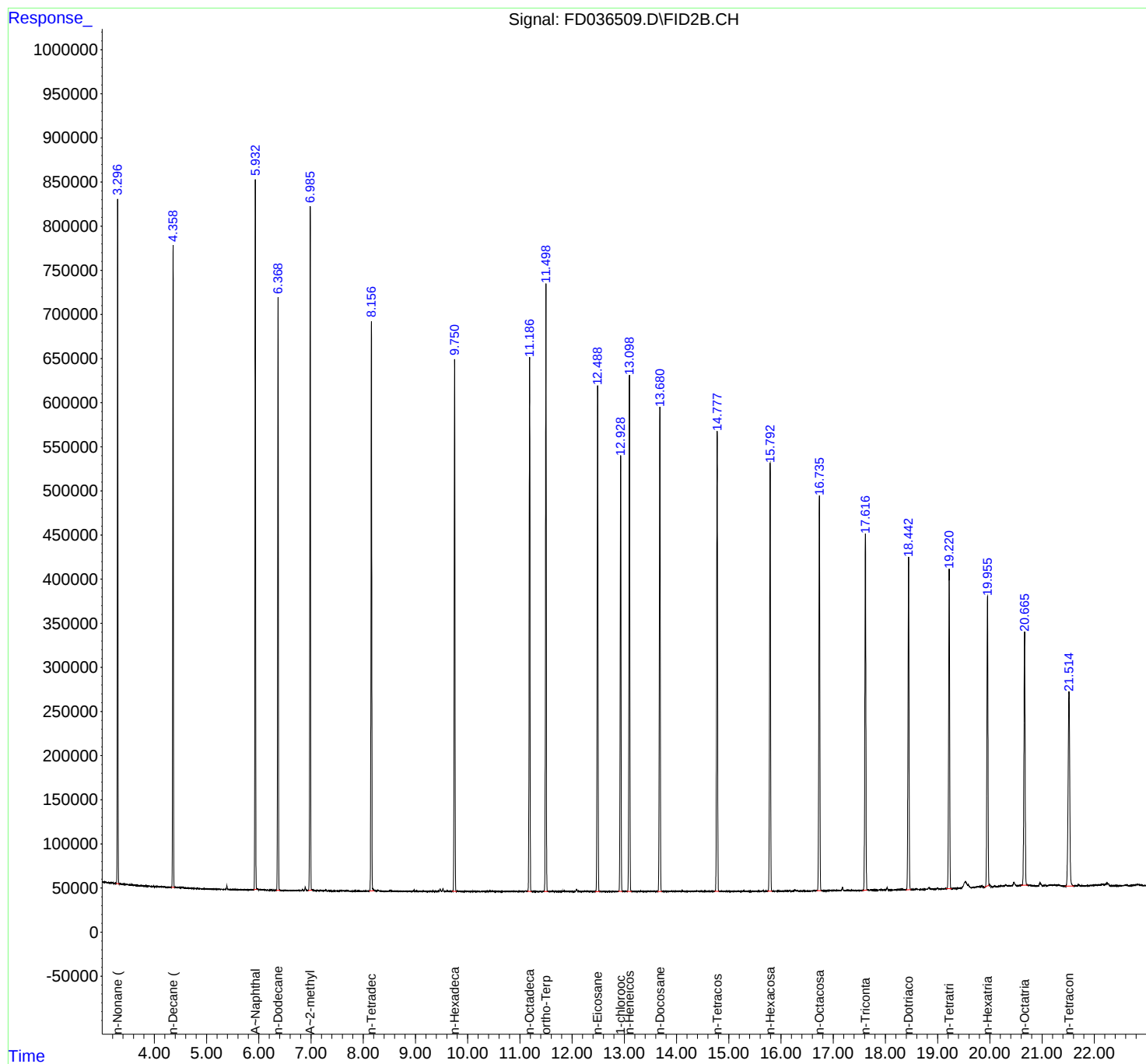
(m)=manual int.

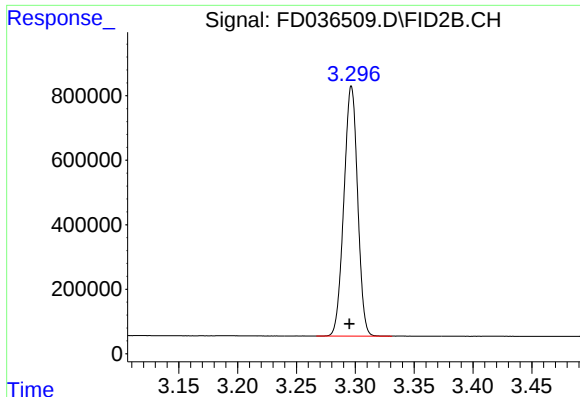
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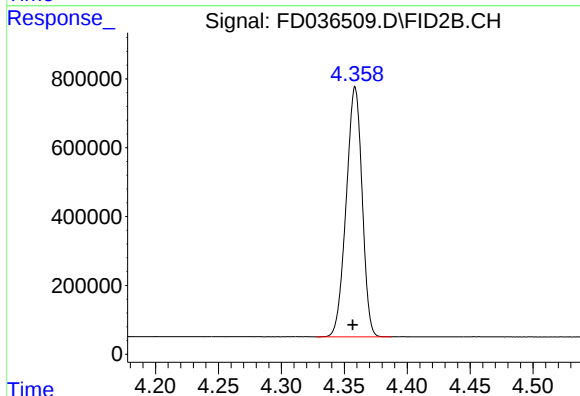




#1 n-Nonane (C9)

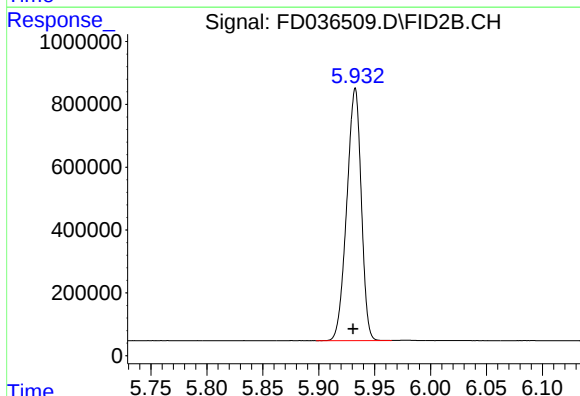
R.T.: 3.297 min
Delta R.T.: 0.002 min
Response: 6301124
Conc: 49.75 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM ALIPHATIC HC STD2



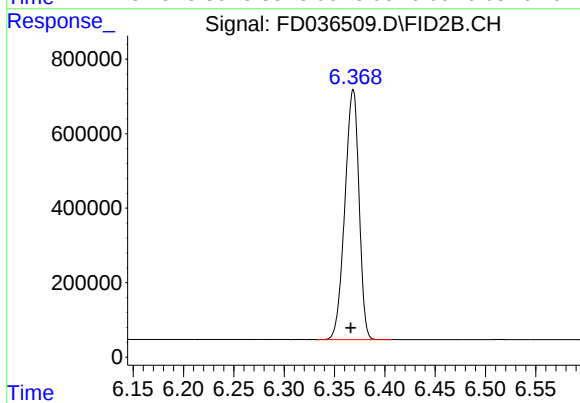
#2 n-Decane (C10)

R.T.: 4.359 min
Delta R.T.: 0.002 min
Response: 6394219
Conc: 49.84 ug/ml



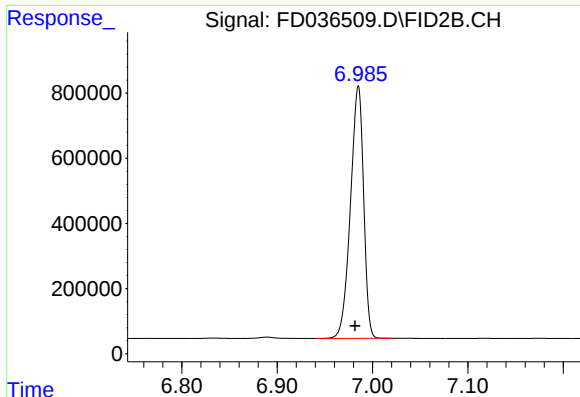
#3 A~Naphthalene (C11.7)

R.T.: 5.933 min
Delta R.T.: 0.002 min
Response: 7244474
Conc: 49.80 ug/ml



#4 n-Dodecane (C12)

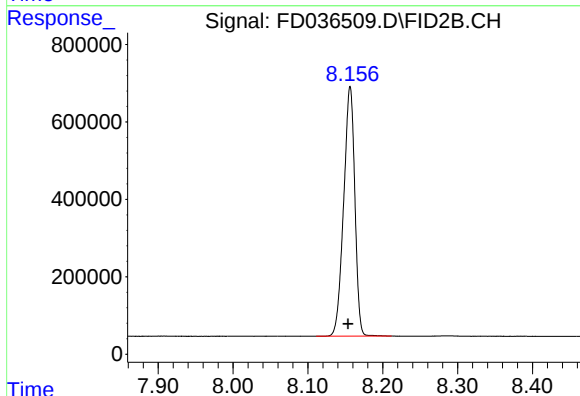
R.T.: 6.369 min
Delta R.T.: 0.002 min
Response: 6573689
Conc: 49.82 ug/ml



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

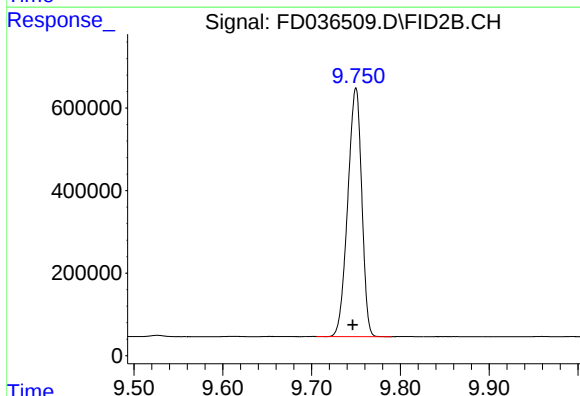
R.T.: 6.985 min
Delta R.T.: 0.004 min
Response: 7438437
Conc: 49.82 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM ALIPHATIC HC STD2



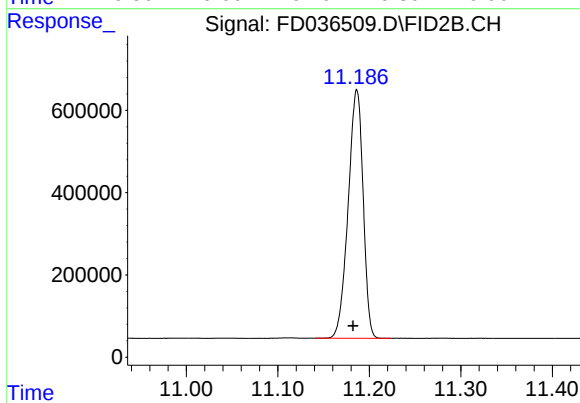
#6 n-Tetradecane (C14)

R.T.: 8.157 min
Delta R.T.: 0.003 min
Response: 6689845
Conc: 49.64 ug/ml



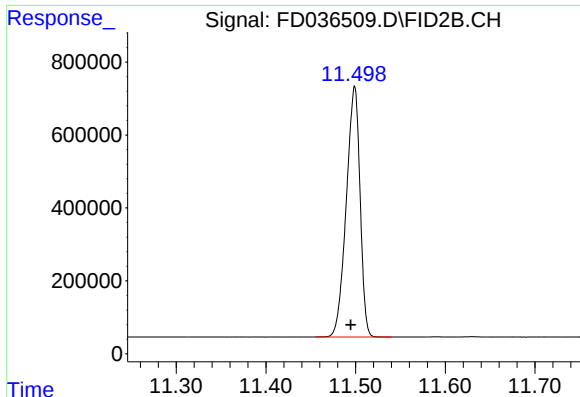
#7 n-Hexadecane (C16)

R.T.: 9.750 min
Delta R.T.: 0.004 min
Response: 6594927
Conc: 49.58 ug/ml



#8 n-Octadecane (C18)

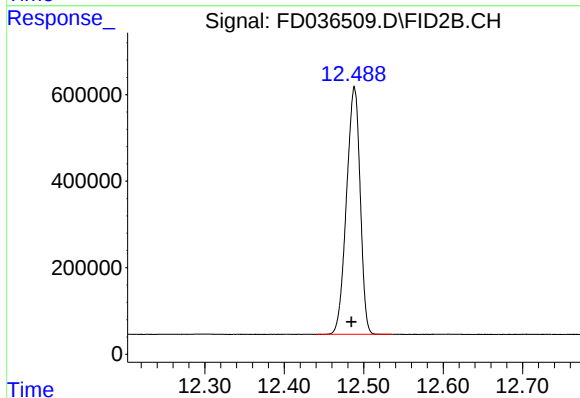
R.T.: 11.186 min
Delta R.T.: 0.004 min
Response: 6856051
Conc: 49.48 ug/ml



#9 ortho-Terphenyl (SURR)

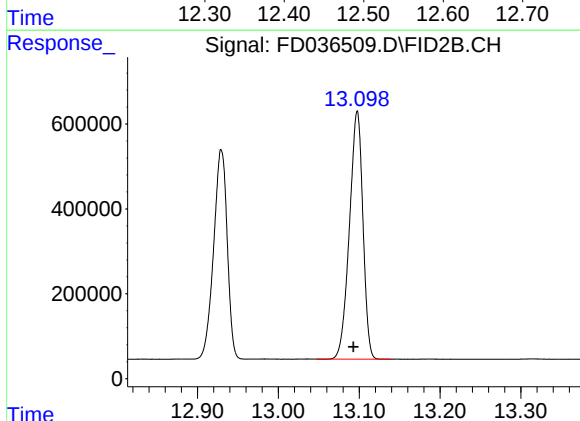
R.T.: 11.499 min
Delta R.T.: 0.004 min
Response: 7329724
Conc: 49.45 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM ALIPHATIC HC STD2



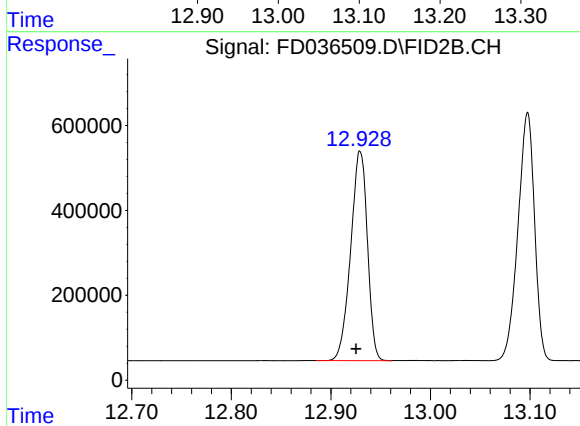
#10 n-Eicosane (C20)

R.T.: 12.488 min
Delta R.T.: 0.004 min
Response: 6836350
Conc: 49.32 ug/ml



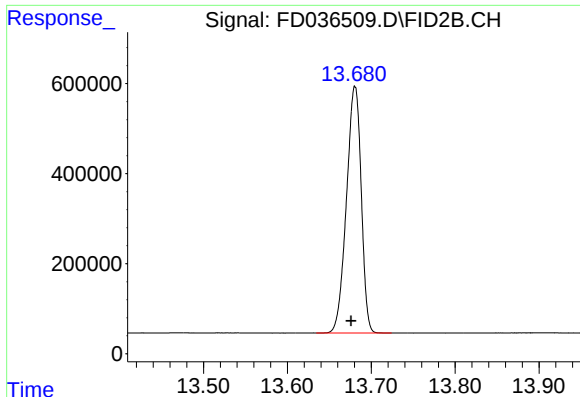
#11 n-Heneicosane (C21)

R.T.: 13.098 min
Delta R.T.: 0.005 min
Response: 6773551
Conc: 49.17 ug/ml



#12 1-chlorooctadecane (SURR)

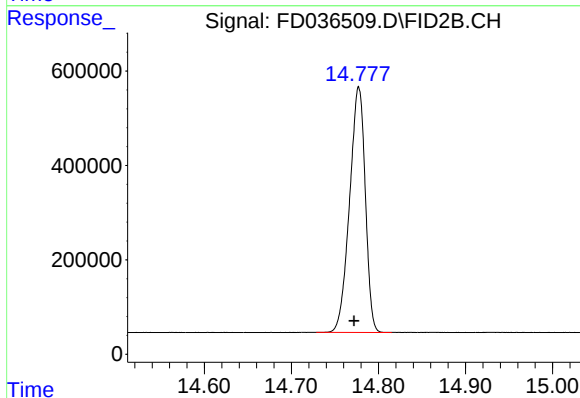
R.T.: 12.929 min
Delta R.T.: 0.004 min
Response: 5762877
Conc: 49.33 ug/ml



#13 n-Docosane (C22)

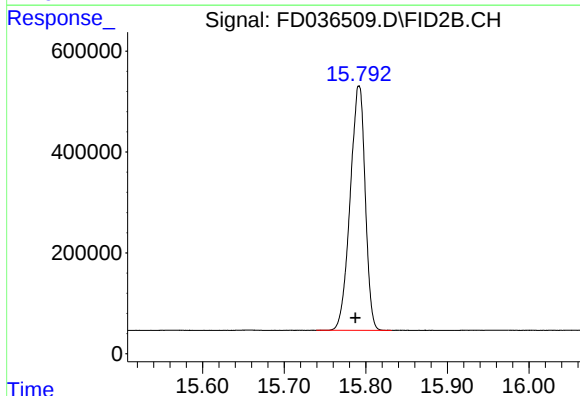
R.T.: 13.681 min
Delta R.T.: 0.005 min
Response: 6702681
Conc: 49.10 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM ALIPHATIC HC STD2



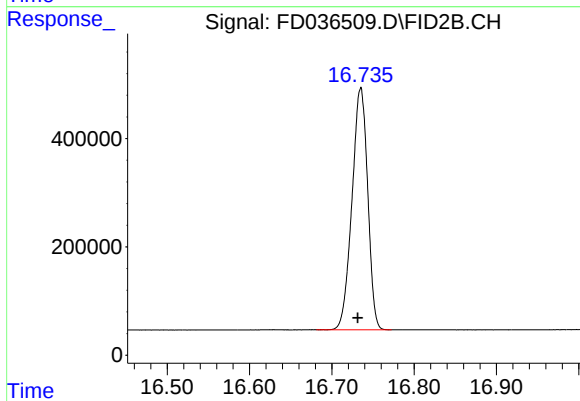
#14 n-Tetracosane (C24)

R.T.: 14.777 min
Delta R.T.: 0.005 min
Response: 6518116
Conc: 48.98 ug/ml



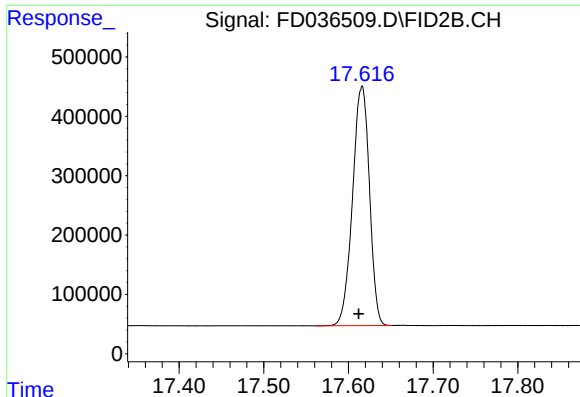
#15 n-Hexacosane (C26)

R.T.: 15.792 min
Delta R.T.: 0.005 min
Response: 6216308
Conc: 48.77 ug/ml



#16 n-Octacosane (C28)

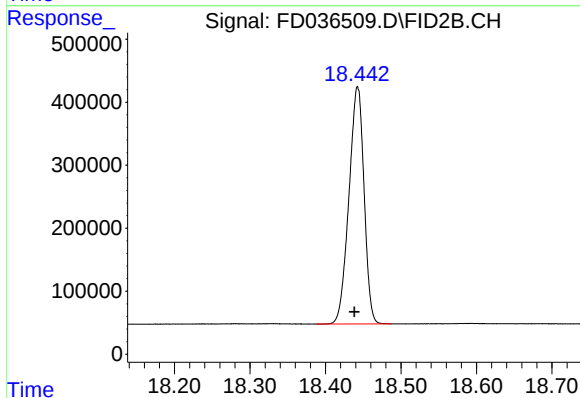
R.T.: 16.735 min
Delta R.T.: 0.004 min
Response: 5926021
Conc: 48.57 ug/ml



#17 n-Tricontane (C30)

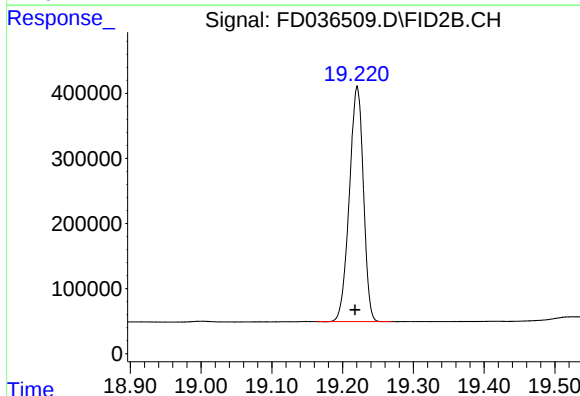
R.T.: 17.616 min
Delta R.T.: 0.004 min
Response: 5595999
Conc: 48.12 ug/ml

Instrument :
FID_D
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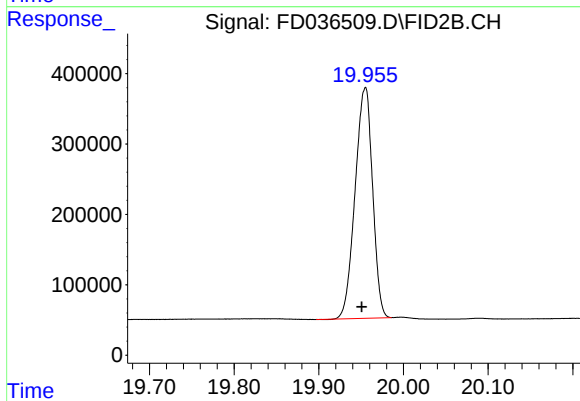
#18 n-Dotriacontane (C32)

R.T.: 18.443 min
Delta R.T.: 0.004 min
Response: 5236984
Conc: 47.51 ug/ml



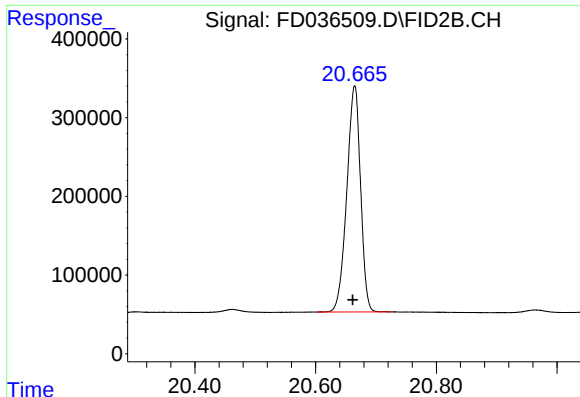
#19 n-Tetratriacontane (C34)

R.T.: 19.221 min
Delta R.T.: 0.003 min
Response: 4991752
Conc: 48.46 ug/ml



#20 n-Hexatriacontane (C36)

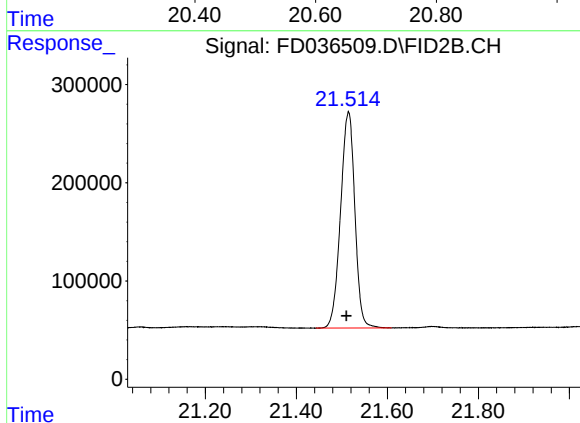
R.T.: 19.955 min
Delta R.T.: 0.004 min
Response: 4700288
Conc: 49.24 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.665 min
Delta R.T.: 0.004 min
Response: 4550008
Conc: 49.23 ug/ml

Instrument :
FID_D
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#22 n-Tetracontane (C40)

R.T.: 21.515 min
Delta R.T.: 0.004 min
Response: 4795273
Conc: 48.99 ug/ml