

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE053023AL\
 Data File : FE042295.D
 Signal(s) : FID1B.ch
 Acq On : 30 May 2023 23:04
 Operator : YP\AJ
 Sample : 02966-05MSD
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 T-5MSD

Integration File: autoint1.e
 Quant Time: May 31 02:06:13 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051823.M
 Quant Title : GC Extractables
 QLast Update : Thu May 18 06:27:12 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)	11.956	5002036	28.328 ug/ml
Spiked Amount 50.000		Recovery =	56.66%
12) S 1-chlorooctadecane (S...	13.391	3980497	29.956 ug/ml
Spiked Amount 50.000		Recovery =	59.91%
Target Compounds			
1) T n-Nonane (C9)	3.343	4990699	34.610 ug/ml
2) T n-Decane (C10)	4.592	5672296	38.317 ug/ml
3) T A~Naphthalene (C11.7)	6.297	6442427	39.485 ug/ml
4) T n-Dodecane (C12)	6.758	6189103	41.273 ug/ml
5) T A~2-methylnaphthalene...	7.393	6338160	39.937 ug/ml
6) T n-Tetradecane (C14)	8.587	6539510	43.653 ug/ml
7) T n-Hexadecane (C16)	10.194	7272347	46.686 ug/ml
8) T n-Octadecane (C18)	11.637	7454704	47.142 ug/ml
10) T n-Eicosane (C20)	12.948	7441823	49.094 ug/ml
11) T n-Heneicosane (C21)	13.559	7095923	47.896 ug/ml
13) T n-Docosane (C22)	14.146	6968788	47.537 ug/ml
14) T n-Tetracosane (C24)	15.240	12980762	89.922 ug/ml
15) T n-Hexacosane (C26)	16.270	6517636	47.059 ug/ml
16) T n-Octacosane (C28)	17.218	6330515	47.284 ug/ml
17) T n-Tricontane (C30)	18.107	6160901	45.639 ug/ml
18) T n-Dotriacontane (C32)	18.939	6015588	45.030 ug/ml
19) T n-Tetratriacontane (C34)	19.721	5990919	45.555 ug/ml
20) T n-Hexatriacontane (C36)	20.461	5764814	44.354 ug/ml
21) T n-Octatriacontane (C38)	21.209	5884467	43.372 ug/ml
22) T n-Tetracontane (C40)	22.144	6090304	43.778 ug/ml

(f)=RT Delta > 1/2 Window

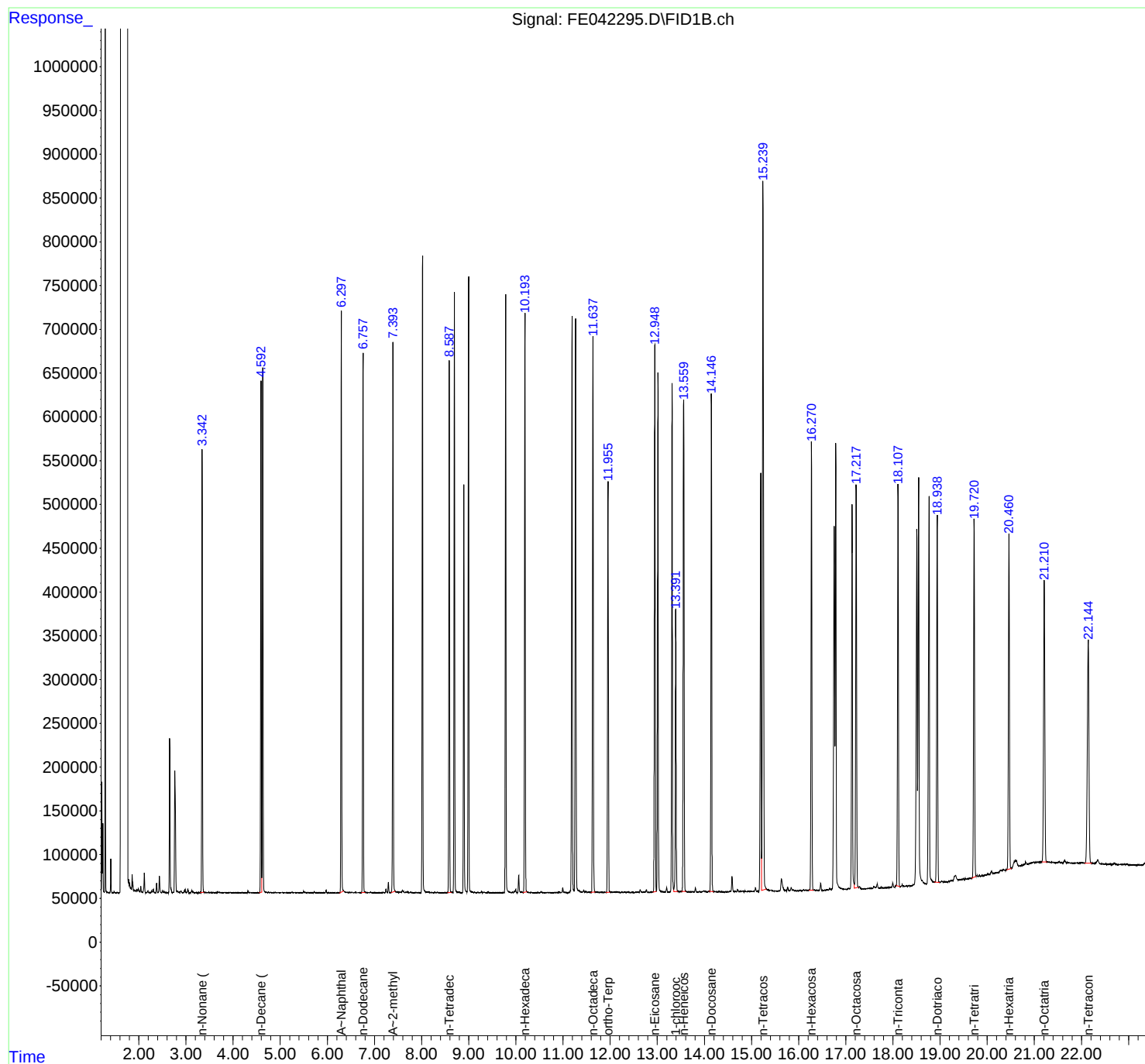
(m)=manual int.

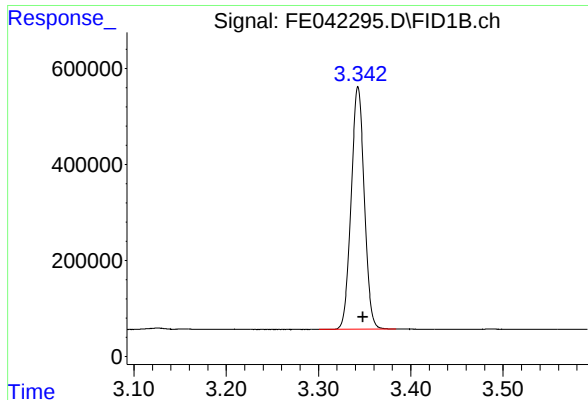
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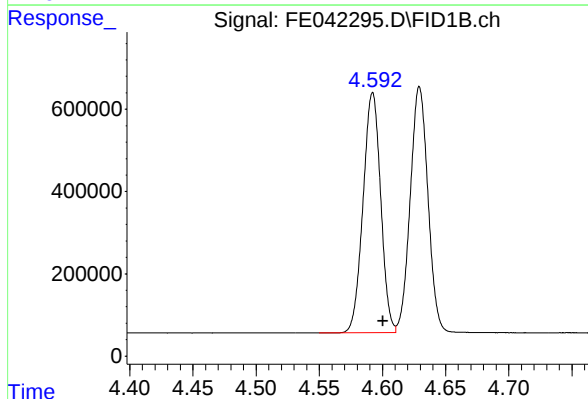




#1 n-Nonane (C9)

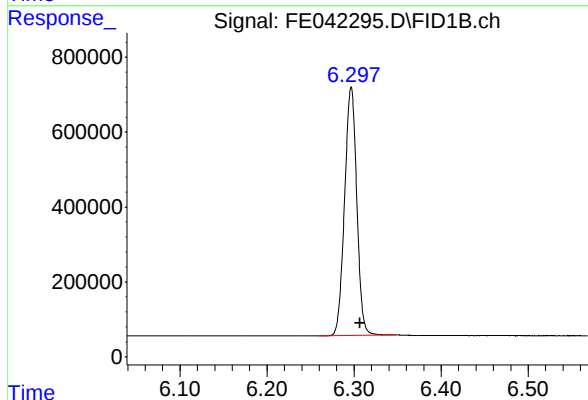
R.T.: 3.343 min
Delta R.T.: -0.005 min
Response: 4990699
Conc: 34.61 ug/ml

Instrument :
FID_E
ClientSampleId :
T-5MSD



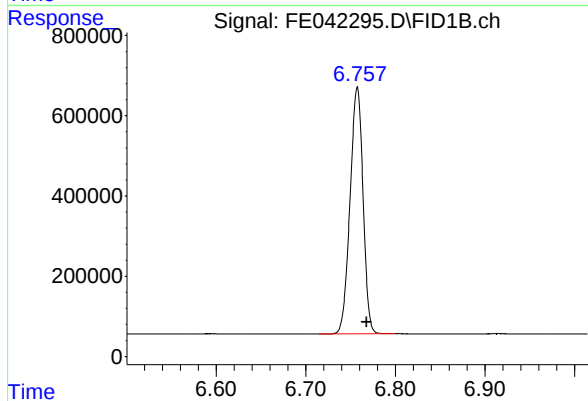
#2 n-Decane (C10)

R.T.: 4.592 min
Delta R.T.: -0.008 min
Response: 5672296
Conc: 38.32 ug/ml



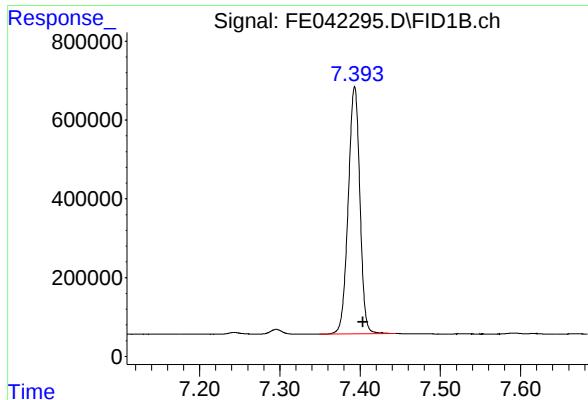
#3 A~Naphthalene (C11.7)

R.T.: 6.297 min
Delta R.T.: -0.010 min
Response: 6442427
Conc: 39.49 ug/ml



#4 n-Dodecane (C12)

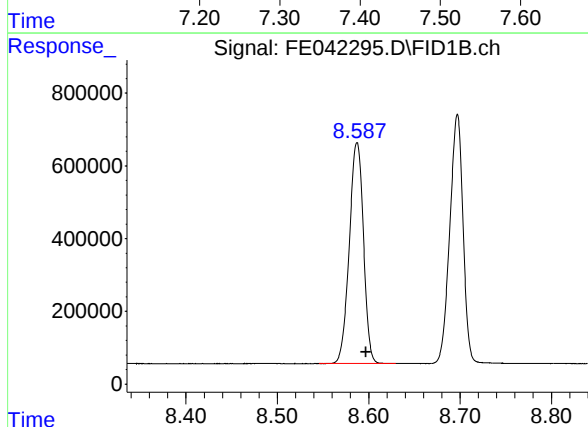
R.T.: 6.758 min
Delta R.T.: -0.011 min
Response: 6189103
Conc: 41.27 ug/ml



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

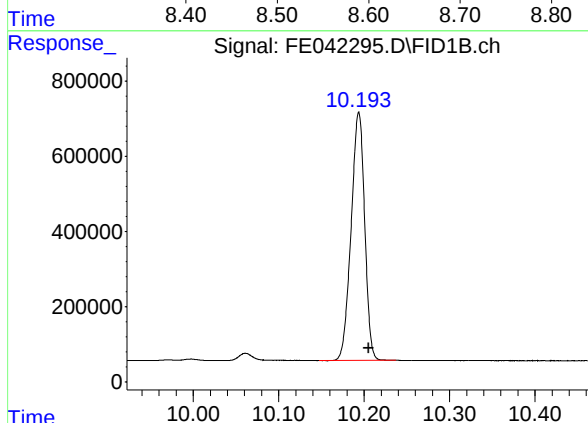
R.T.: 7.393 min
Delta R.T.: -0.010 min
Response: 6338160
Conc: 39.94 ug/ml

Instrument :
FID_E
ClientSampleId :
T-5MSD



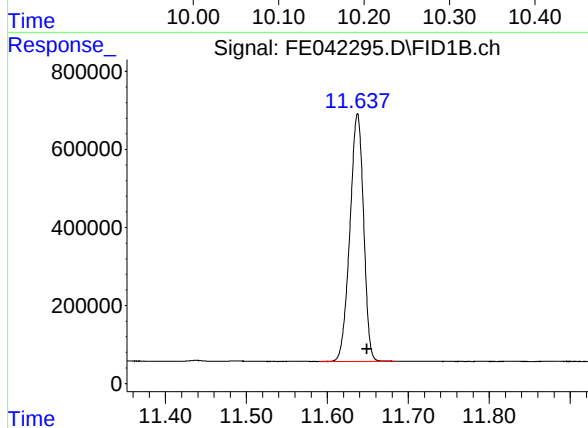
#6 n-Tetradecane (C14)

R.T.: 8.587 min
Delta R.T.: -0.010 min
Response: 6539510
Conc: 43.65 ug/ml



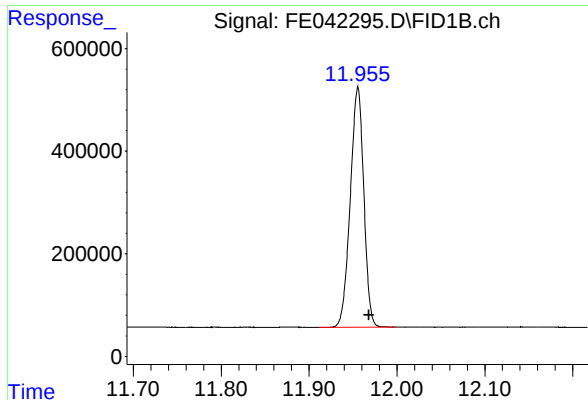
#7 n-Hexadecane (C16)

R.T.: 10.194 min
Delta R.T.: -0.011 min
Response: 7272347
Conc: 46.69 ug/ml



#8 n-Octadecane (C18)

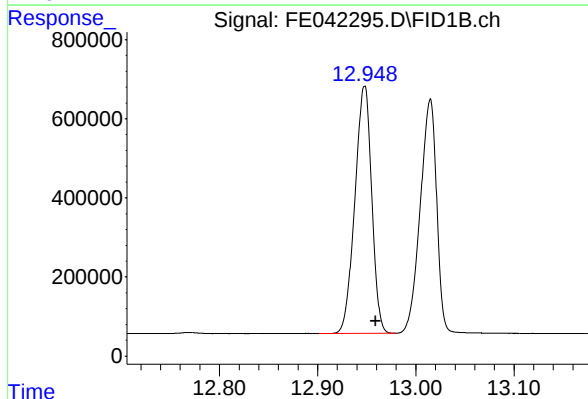
R.T.: 11.637 min
Delta R.T.: -0.012 min
Response: 7454704
Conc: 47.14 ug/ml



#9 ortho-Terphenyl (SURR)

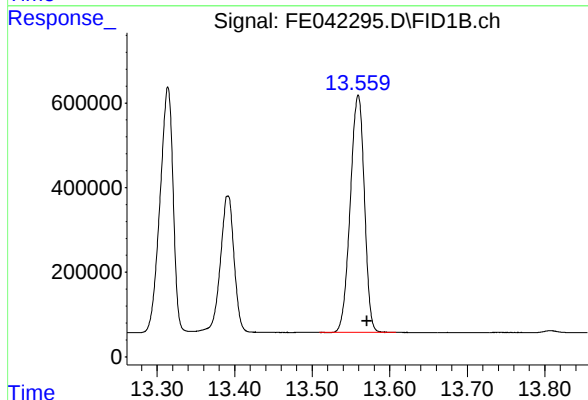
R.T.: 11.956 min
Delta R.T.: -0.013 min
Response: 5002036
Conc: 28.33 ug/ml

Instrument :
FID_E
ClientSampleId :
T-5MSD



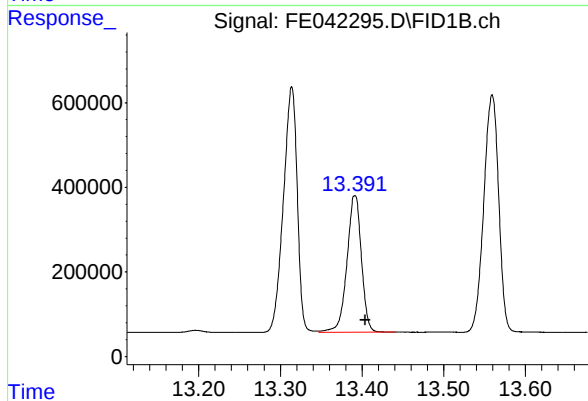
#10 n-Eicosane (C20)

R.T.: 12.948 min
Delta R.T.: -0.011 min
Response: 7441823
Conc: 49.09 ug/ml



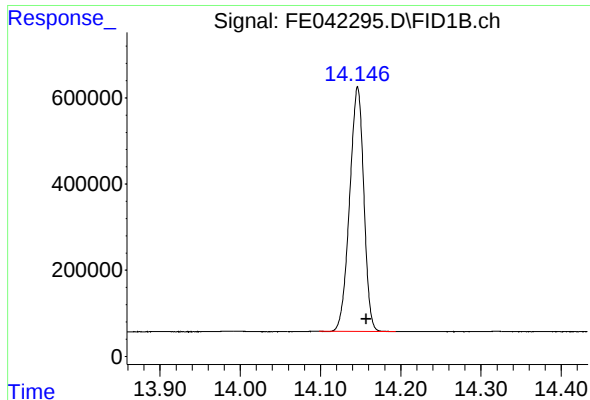
#11 n-Heneicosane (C21)

R.T.: 13.559 min
Delta R.T.: -0.011 min
Response: 7095923
Conc: 47.90 ug/ml



#12 1-chlorooctadecane (SURR)

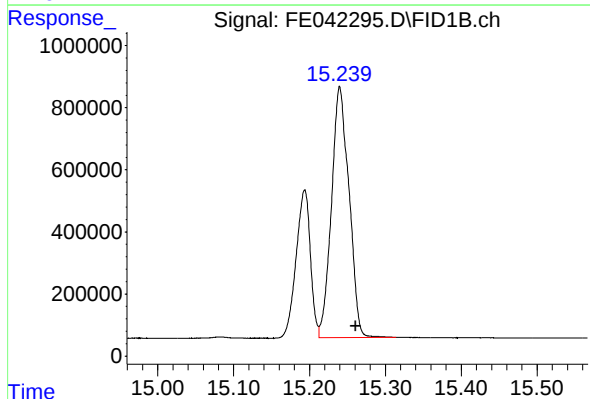
R.T.: 13.391 min
Delta R.T.: -0.013 min
Response: 3980497
Conc: 29.96 ug/ml



#13 n-Docosane (C22)

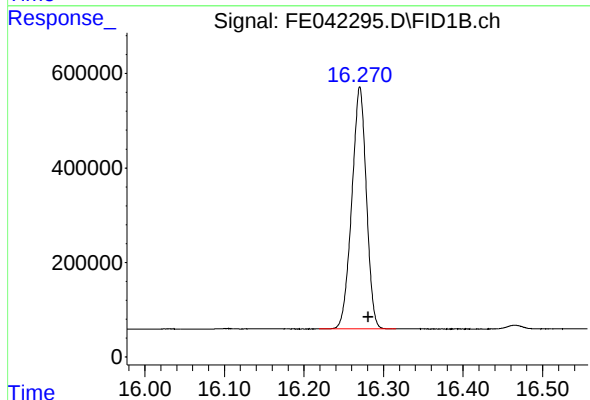
R.T.: 14.146 min
Delta R.T.: -0.011 min
Response: 6968788
Conc: 47.54 ug/ml

Instrument :
FID_E
ClientSampleId :
T-5MSD



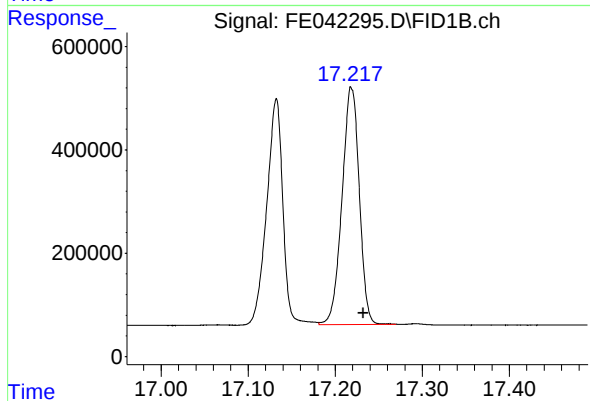
#14 n-Tetracosane (C24)

R.T.: 15.240 min
Delta R.T.: -0.021 min
Response: 12980762
Conc: 89.92 ug/ml



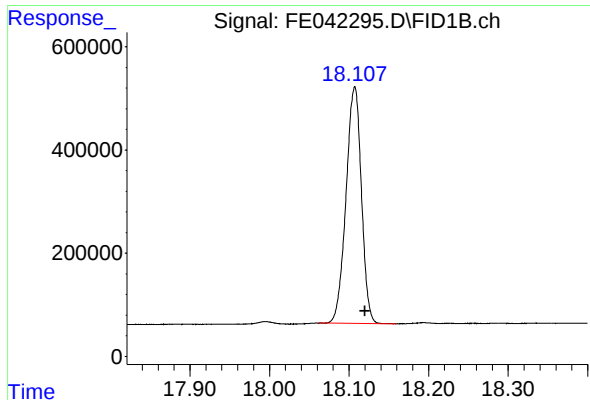
#15 n-Hexacosane (C26)

R.T.: 16.270 min
Delta R.T.: -0.011 min
Response: 6517636
Conc: 47.06 ug/ml



#16 n-Octacosane (C28)

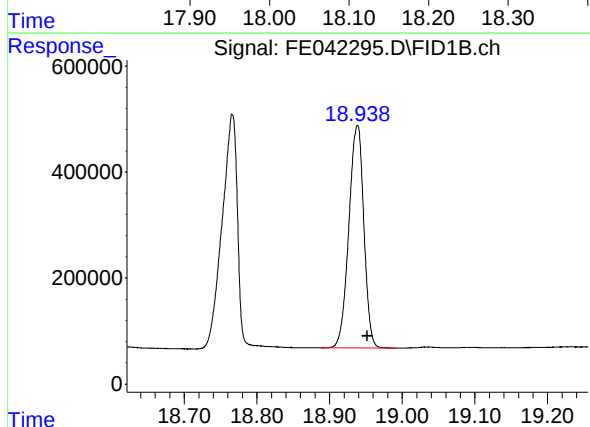
R.T.: 17.218 min
Delta R.T.: -0.014 min
Response: 6330515
Conc: 47.28 ug/ml



#17 n-Tricontane (C30)

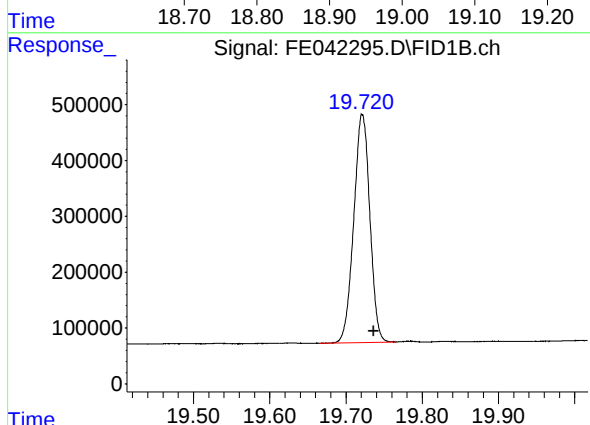
R.T.: 18.107 min
Delta R.T.: -0.013 min
Response: 6160901
Conc: 45.64 ug/ml

Instrument :
FID_E
ClientSampleId :
T-5MSD



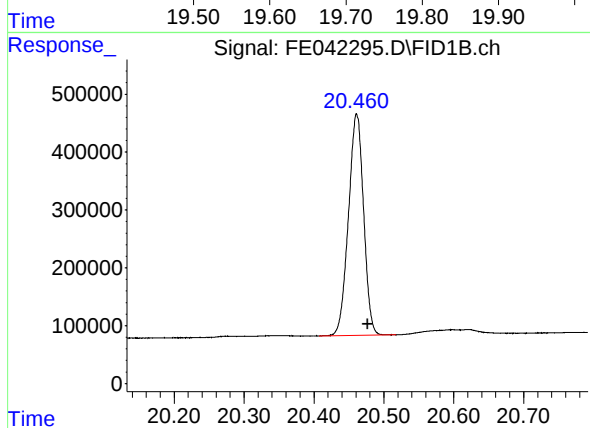
#18 n-Dotriacontane (C32)

R.T.: 18.939 min
Delta R.T.: -0.013 min
Response: 6015588
Conc: 45.03 ug/ml



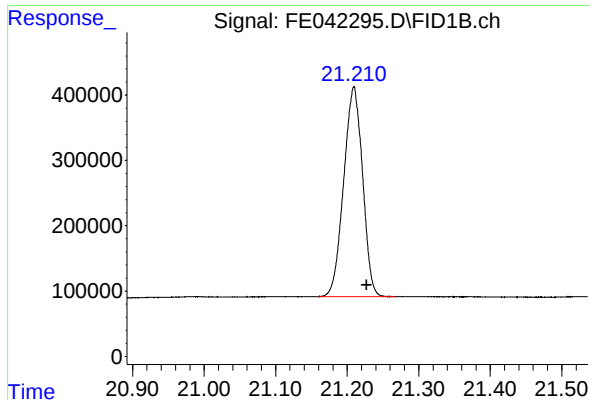
#19 n-Tetatriacontane (C34)

R.T.: 19.721 min
Delta R.T.: -0.015 min
Response: 5990919
Conc: 45.55 ug/ml



#20 n-Hexatriacontane (C36)

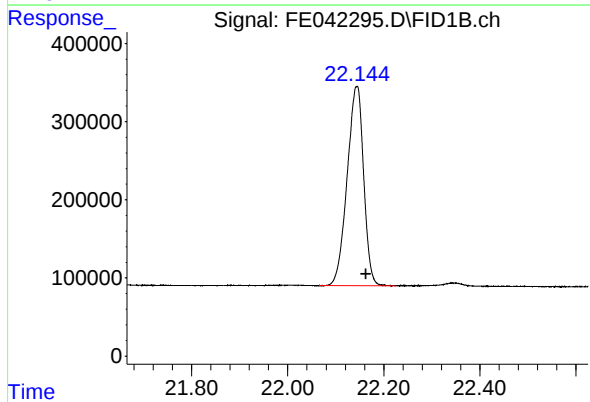
R.T.: 20.461 min
Delta R.T.: -0.016 min
Response: 5764814
Conc: 44.35 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.209 min
Delta R.T.: -0.018 min
Response: 5884467
Conc: 43.37 ug/ml

Instrument :
FID_E
ClientSampleId :
T-5MSD



#22 n-Tetracontane (C40)

R.T.: 22.144 min
Delta R.T.: -0.019 min
Response: 6090304
Conc: 43.78 ug/ml