

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE052323AL\
 Data File : FE042146.D
 Signal(s) : FID1B.ch
 Acq On : 23 May 2023 16:58
 Operator : YP\AJ
 Sample : PB152988BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB152988BSD

Integration File: autoint1.e
 Quant Time: May 24 02:35:55 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)	11.959	7265550	41.146 ug/ml
Spiked Amount 50.000		Recovery =	82.29%
12) S 1-chlorooctadecane (S...	13.394	5807859	43.708 ug/ml
Spiked Amount 50.000		Recovery =	87.42%
Target Compounds			
1) T n-Nonane (C9)	3.352	6303337	43.713 ug/ml
2) T n-Decane (C10)	4.598	6596937	44.563 ug/ml
3) T A~Naphthalene (C11.7)	6.299	7225450	44.284 ug/ml
4) T n-Dodecane (C12)	6.761	6874027	45.841 ug/ml
5) T A~2-methylnaphthalene...	7.395	6938428	43.720 ug/ml
6) T n-Tetradecane (C14)	8.591	6907179	46.107 ug/ml
7) T n-Hexadecane (C16)	10.196	7218154	46.338 ug/ml
8) T n-Octadecane (C18)	11.641	7223203	45.678 ug/ml
10) T n-Eicosane (C20)	12.950	7224685	47.662 ug/ml
11) T n-Heneicosane (C21)	13.562	6933547	46.800 ug/ml
13) T n-Docosane (C22)	14.148	6839177	46.653 ug/ml
14) T n-Tetracosane (C24)	15.239	13035349	90.300 ug/ml
15) T n-Hexacosane (C26)	16.272	6410670	46.287 ug/ml
16) T n-Octacosane (C28)	17.219	6194410	46.267 ug/ml
17) T n-Tricontane (C30)	18.107	6004991	44.484 ug/ml
18) T n-Dotriacontane (C32)	18.938	5746422	43.015 ug/ml
19) T n-Tetratriacontane (C34)	19.723	5654387	42.996 ug/ml
20) T n-Hexatriacontane (C36)	20.462	5306553	40.828 ug/ml
21) T n-Octatriacontane (C38)	21.209	5272232	38.860 ug/ml
22) T n-Tetracontane (C40)	22.142	5289049	38.018 ug/ml

(f)=RT Delta > 1/2 Window

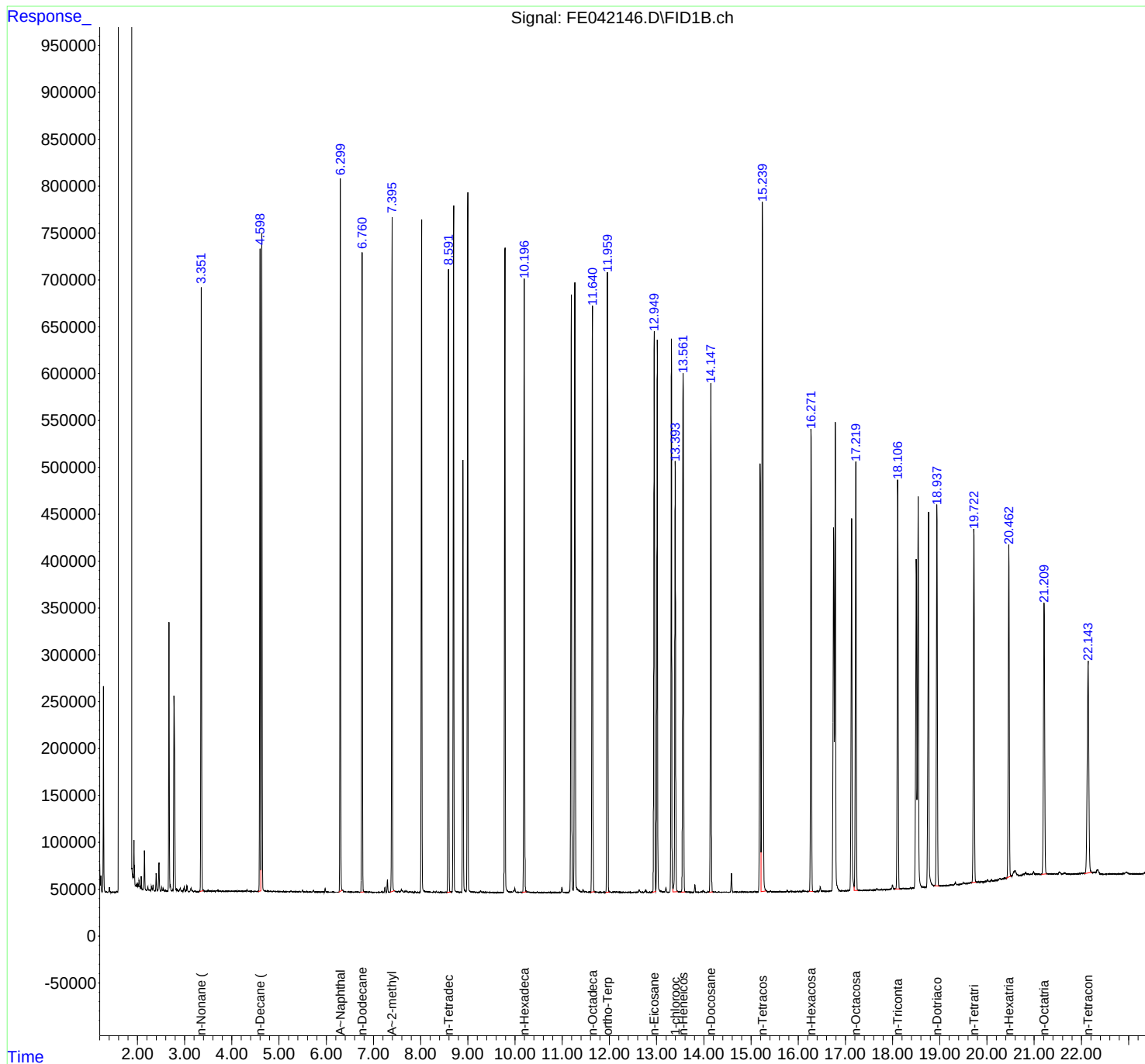
(m)=manual int.

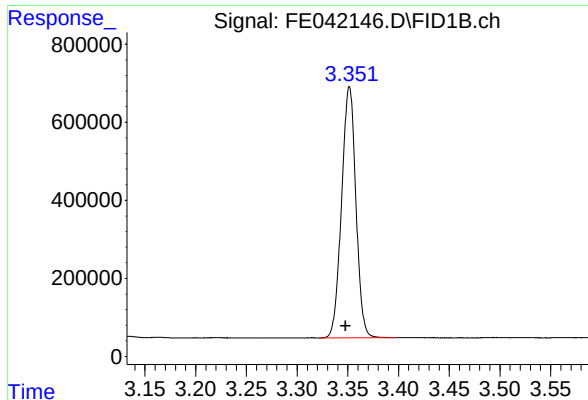
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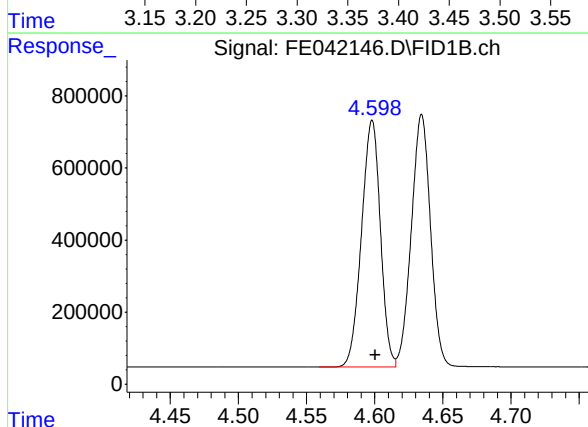




#1 n-Nonane (C9)

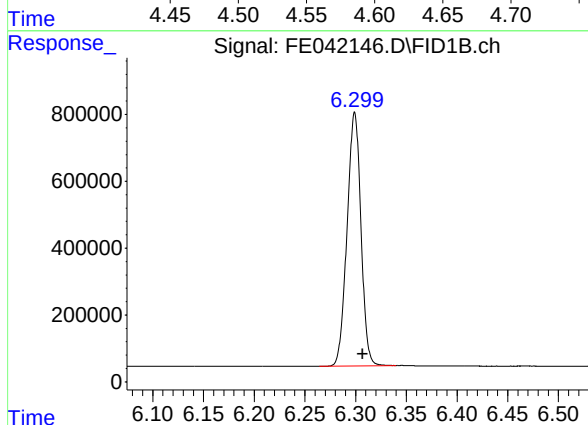
R.T.: 3.352 min
Delta R.T.: 0.004 min
Response: 6303337
Conc: 43.71 ug/ml

Instrument :
FID_E
ClientSampleId :
PB152988BSD



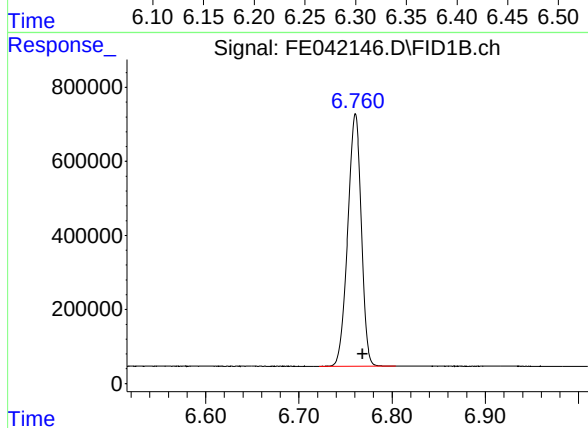
#2 n-Decane (C10)

R.T.: 4.598 min
Delta R.T.: -0.002 min
Response: 6596937
Conc: 44.56 ug/ml



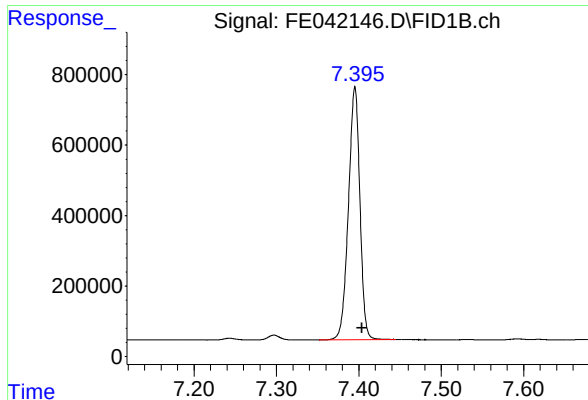
#3 A~Naphthalene (C11.7)

R.T.: 6.299 min
Delta R.T.: -0.008 min
Response: 7225450
Conc: 44.28 ug/ml



#4 n-Dodecane (C12)

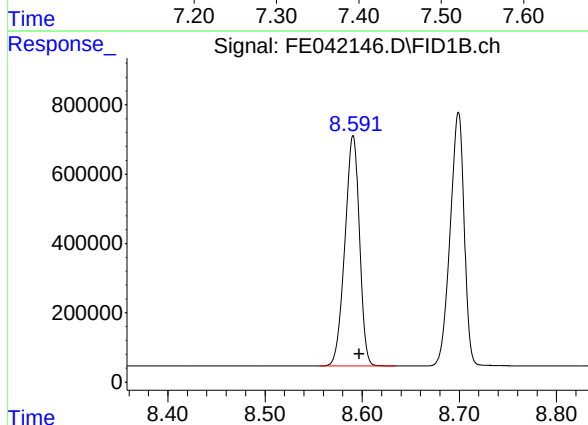
R.T.: 6.761 min
Delta R.T.: -0.008 min
Response: 6874027
Conc: 45.84 ug/ml



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

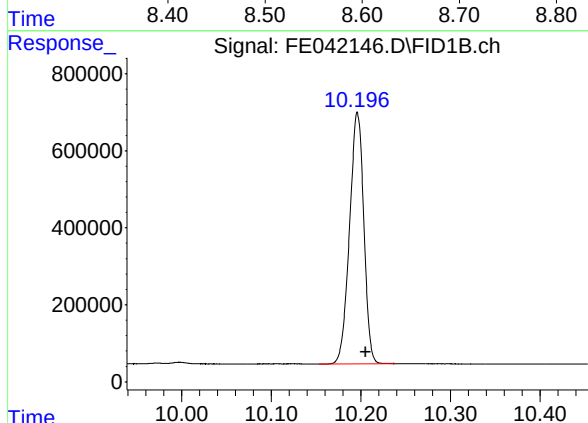
R.T.: 7.395 min
Delta R.T.: -0.008 min
Response: 6938428
Conc: 43.72 ug/ml

Instrument :
FID_E
ClientSampleId :
PB152988BSD



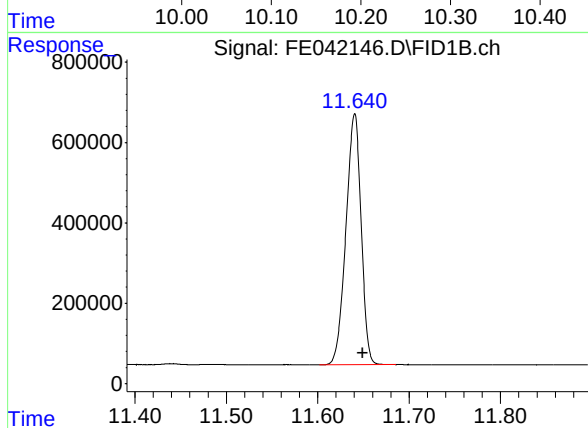
#6 n-Tetradecane (C14)

R.T.: 8.591 min
Delta R.T.: -0.006 min
Response: 6907179
Conc: 46.11 ug/ml



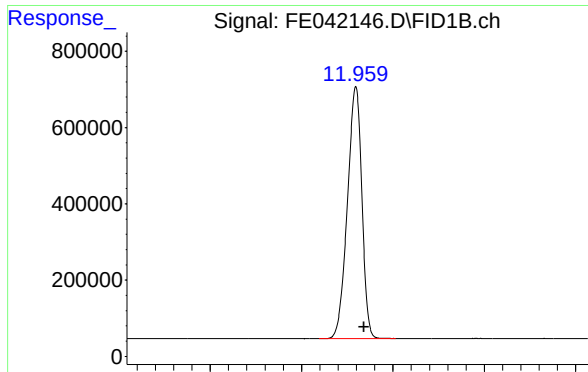
#7 n-Hexadecane (C16)

R.T.: 10.196 min
Delta R.T.: -0.009 min
Response: 7218154
Conc: 46.34 ug/ml



#8 n-Octadecane (C18)

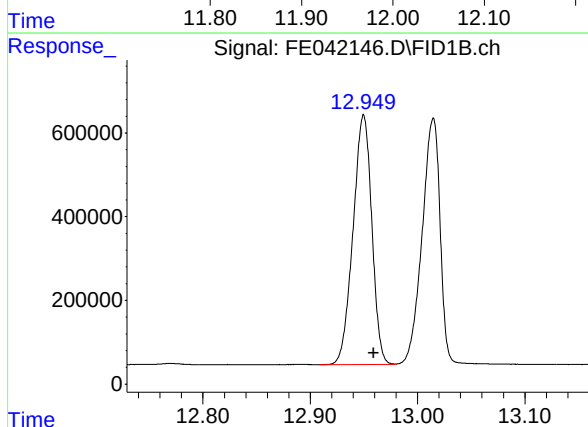
R.T.: 11.641 min
Delta R.T.: -0.009 min
Response: 7223203
Conc: 45.68 ug/ml



#9 ortho-Terphenyl (SURR)

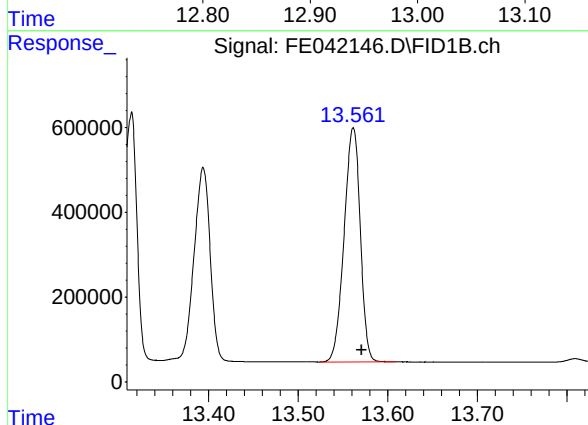
R.T.: 11.959 min
Delta R.T.: -0.009 min
Response: 7265550
Conc: 41.15 ug/ml

Instrument :
FID_E
ClientSampleId :
PB152988BSD



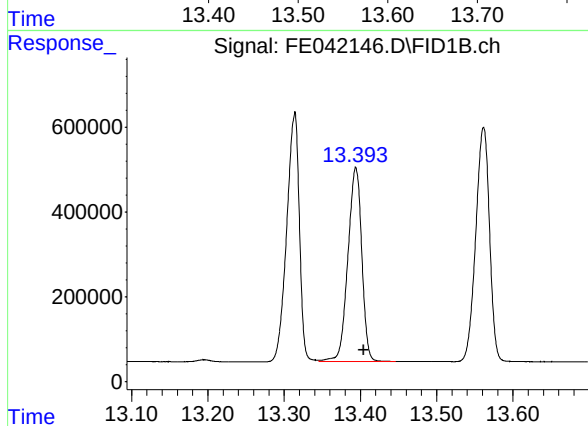
#10 n-Eicosane (C20)

R.T.: 12.950 min
Delta R.T.: -0.009 min
Response: 7224685
Conc: 47.66 ug/ml



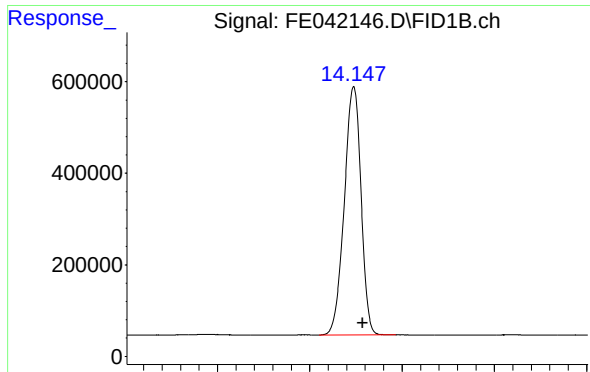
#11 n-Heneicosane (C21)

R.T.: 13.562 min
Delta R.T.: -0.009 min
Response: 6933547
Conc: 46.80 ug/ml



#12 1-chlorooctadecane (SURR)

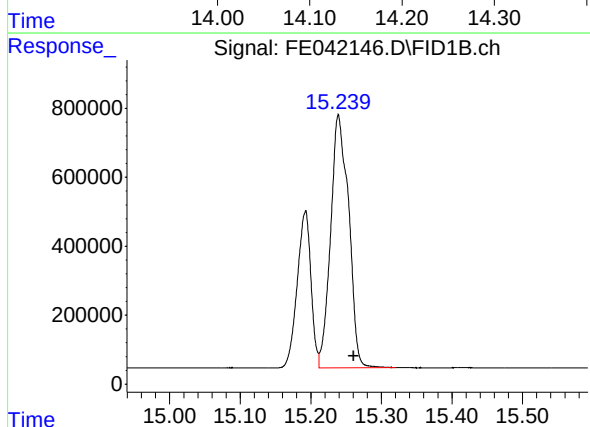
R.T.: 13.394 min
Delta R.T.: -0.010 min
Response: 5807859
Conc: 43.71 ug/ml



#13 n-Docosane (C22)

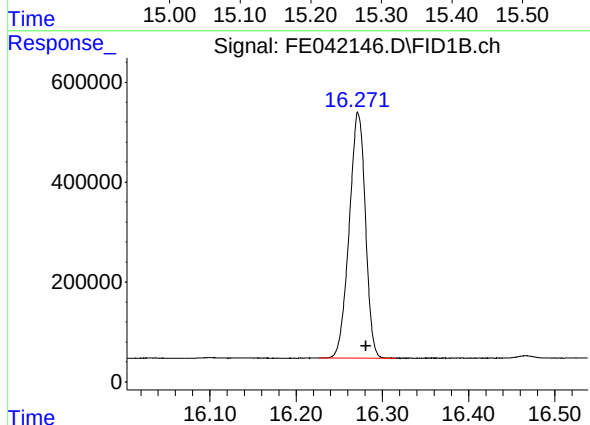
R.T.: 14.148 min
Delta R.T.: -0.009 min
Response: 6839177
Conc: 46.65 ug/ml

Instrument :
FID_E
ClientSampleId :
PB152988BSD



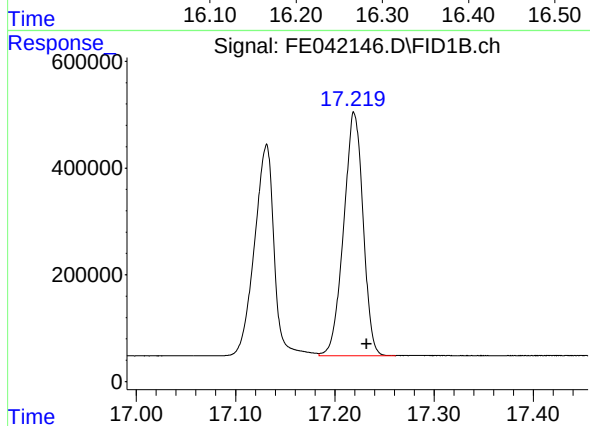
#14 n-Tetracosane (C24)

R.T.: 15.239 min
Delta R.T.: -0.022 min
Response: 13035349
Conc: 90.30 ug/ml



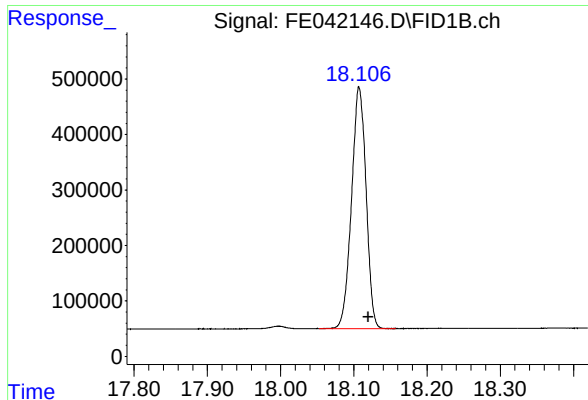
#15 n-Hexacosane (C26)

R.T.: 16.272 min
Delta R.T.: -0.009 min
Response: 6410670
Conc: 46.29 ug/ml



#16 n-Octacosane (C28)

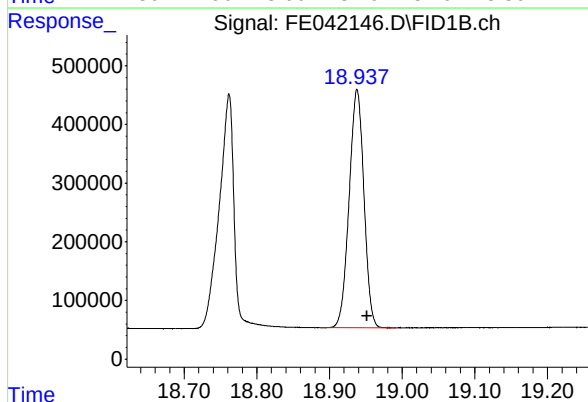
R.T.: 17.219 min
Delta R.T.: -0.013 min
Response: 6194410
Conc: 46.27 ug/ml



#17 n-Tricontane (C30)

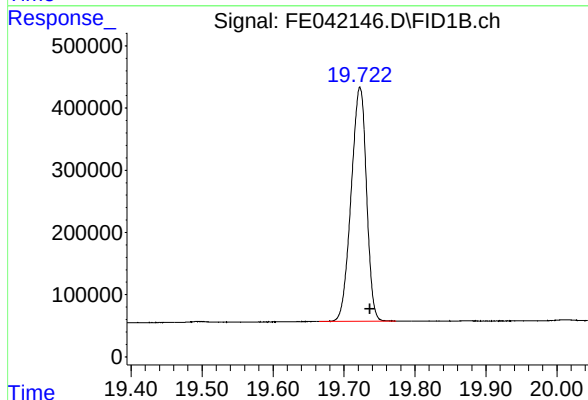
R.T.: 18.107 min
Delta R.T.: -0.013 min
Response: 6004991
Conc: 44.48 ug/ml

Instrument :
FID_E
ClientSampleId :
PB152988BSD



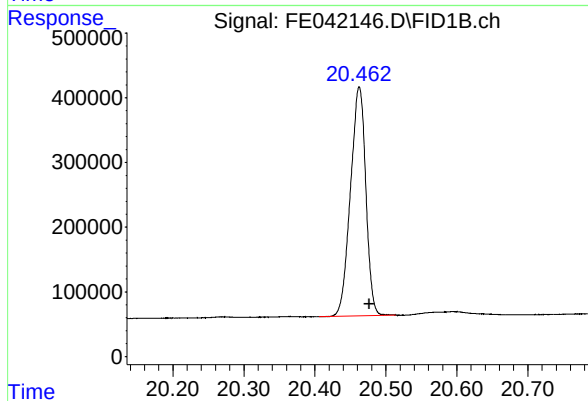
#18 n-Dotriacontane (C32)

R.T.: 18.938 min
Delta R.T.: -0.014 min
Response: 5746422
Conc: 43.02 ug/ml



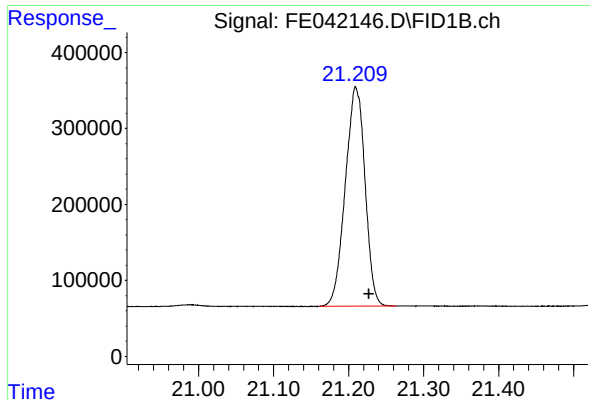
#19 n-Tetratriacontane (C34)

R.T.: 19.723 min
Delta R.T.: -0.014 min
Response: 5654387
Conc: 43.00 ug/ml



#20 n-Hexatriacontane (C36)

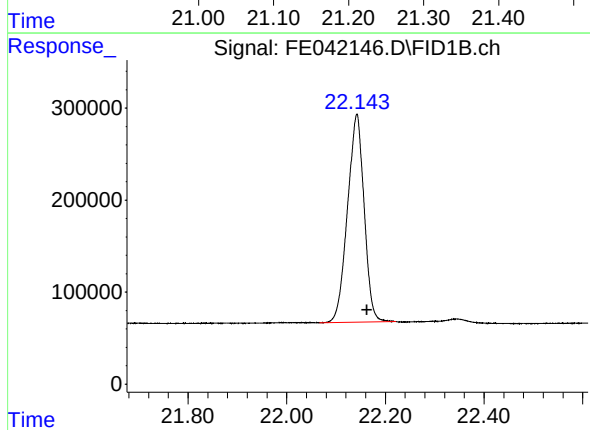
R.T.: 20.462 min
Delta R.T.: -0.014 min
Response: 5306553
Conc: 40.83 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.209 min
Delta R.T.: -0.018 min
Response: 5272232
Conc: 38.86 ug/ml

Instrument :
FID_E
ClientSampleId :
PB152988BSD



#22 n-Tetracontane (C40)

R.T.: 22.142 min
Delta R.T.: -0.021 min
Response: 5289049
Conc: 38.02 ug/ml