

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE031825AL\
 Data File : FE052841.D
 Signal(s) : FID1B.ch
 Acq On : 18 Mar 2025 16:13
 Operator : YP\AJ
 Sample : PB167185BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB167185BSD

Integration File: autoint1.e
 Quant Time: Mar 19 02:35:38 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 030325.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 03 13:39:39 2025
 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)	11.910	5701335	33.818 ug/ml
Spiked Amount 50.000		Recovery =	67.64%
12) S 1-chlorooctadecane (S...	13.355	4325985	35.626 ug/ml
Spiked Amount 50.000		Recovery =	71.25%
Target Compounds			
1) T n-Nonane (C9)	3.262	6820871	43.991 ug/ml
2) T n-Decane (C10)	4.518	7093503	45.154 ug/ml
3) T A~Naphthalene (C11.7)	6.227	7710878	45.467 ug/ml
4) T n-Dodecane (C12)	6.693	7135857	45.831 ug/ml
5) T A~2-methylnaphthalene...	7.329	6993420	43.154 ug/ml
6) T n-Tetradecane (C14)	8.532	7067342	46.708 ug/ml
7) T n-Hexadecane (C16)	10.145	6856062	44.844 ug/ml
8) T n-Octadecane (C18)	11.595	6740057	44.301 ug/ml
10) T n-Eicosane (C20)	12.910	6730211	46.360 ug/ml
11) T n-Heneicosane (C21)	13.524	6422070	45.121 ug/ml
13) T n-Docosane (C22)	14.112	6356957	44.670 ug/ml
14) T n-Tetracosane (C24)	15.210	12973544	90.655 ug/ml
15) T n-Hexacosane (C26)	16.245	6170174	43.393 ug/ml
16) T n-Octacosane (C28)	17.196	6254630	43.986 ug/ml
17) T n-Tricontane (C30)	18.087	6225433	42.149 ug/ml
18) T n-Dotriacontane (C32)	18.921	6213305	42.797 ug/ml
19) T n-Tetratriacontane (C34)	19.707	6364826	47.224 ug/ml
20) T n-Hexatriacontane (C36)	20.449	6326881	53.246 ug/ml
21) T n-Octatriacontane (C38)	21.193	6760153	60.937 ug/ml
22) T n-Tetracontane (C40)	22.117	7450713	68.914 ug/ml

(f)=RT Delta > 1/2 Window

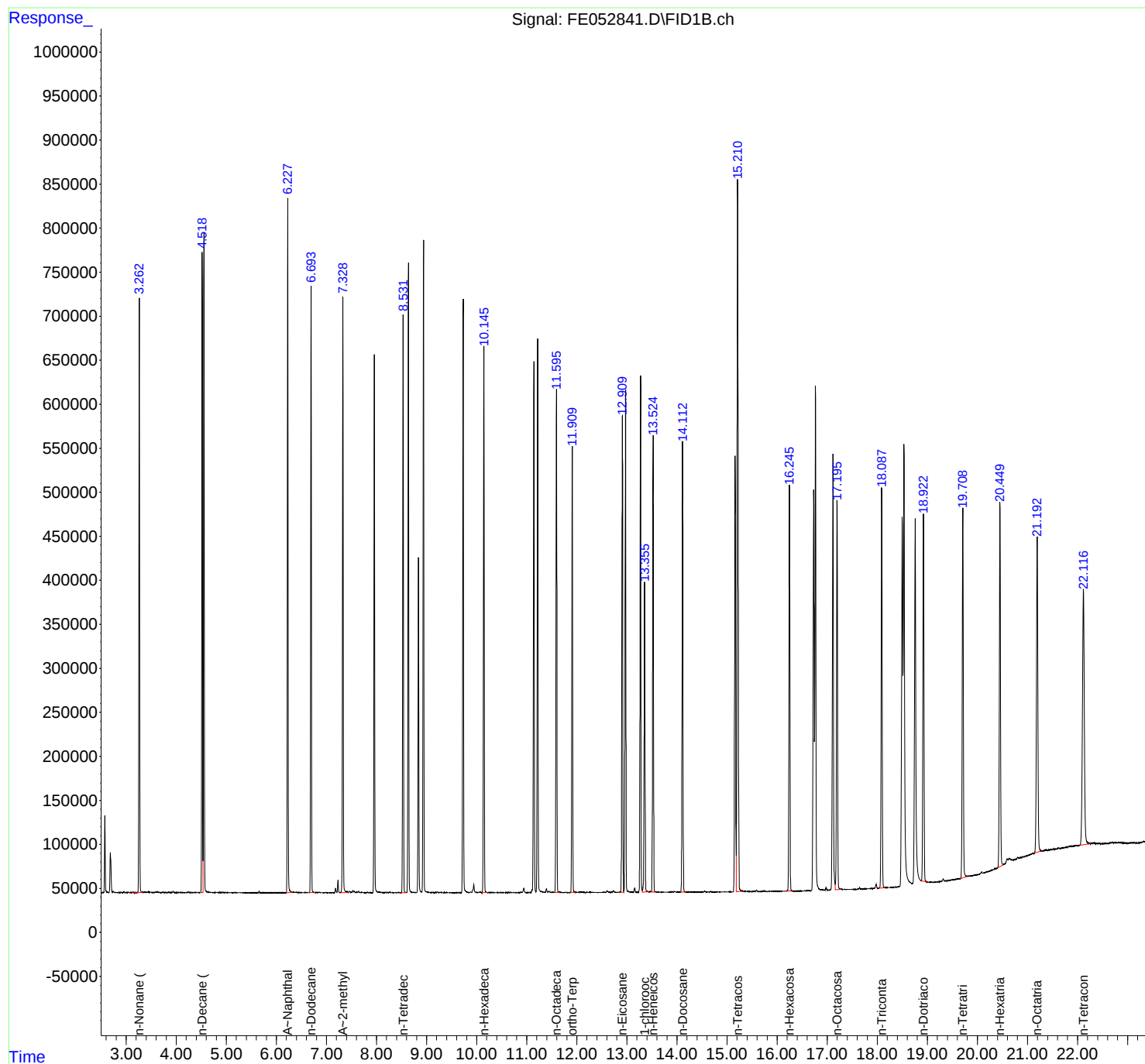
(m)=manual int.

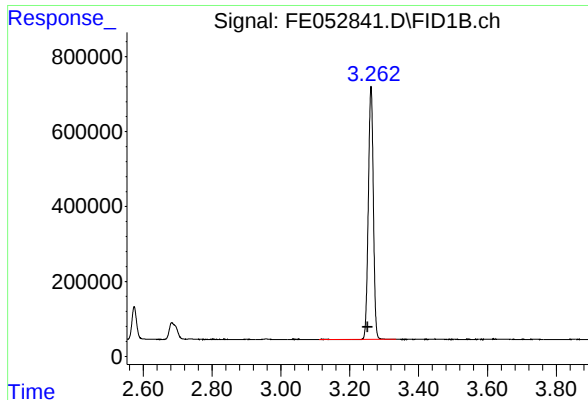
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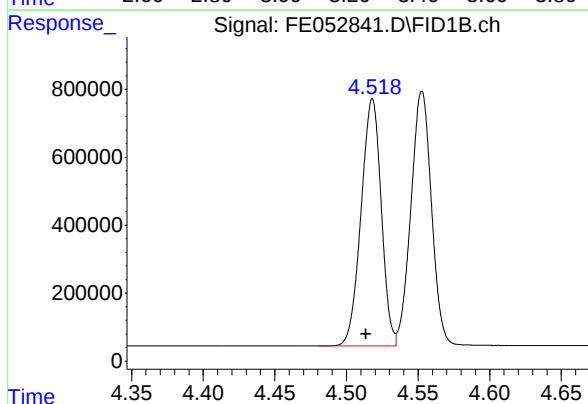




#1 n-Nonane (C9)

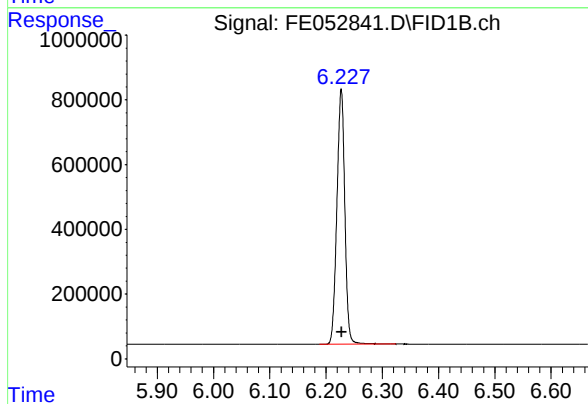
R.T.: 3.262 min
Delta R.T.: 0.010 min
Response: 6820871
Conc: 43.99 ug/ml

Instrument :
FID_E
ClientSampleId :
PB167185BSD



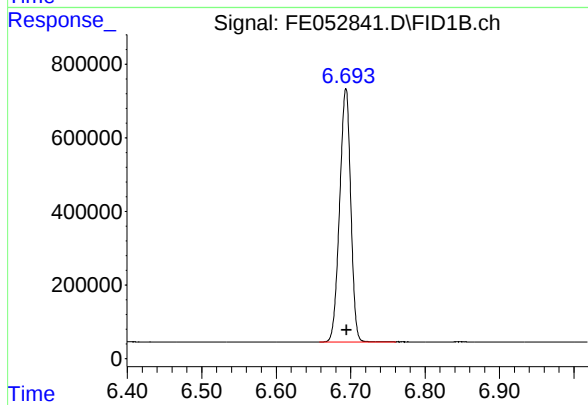
#2 n-Decane (C10)

R.T.: 4.518 min
Delta R.T.: 0.004 min
Response: 7093503
Conc: 45.15 ug/ml



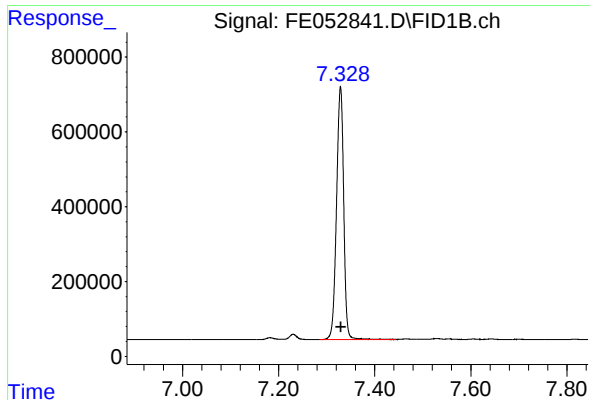
#3 A~Naphthalene (C11.7)

R.T.: 6.227 min
Delta R.T.: 0.000 min
Response: 7710878
Conc: 45.47 ug/ml



#4 n-Dodecane (C12)

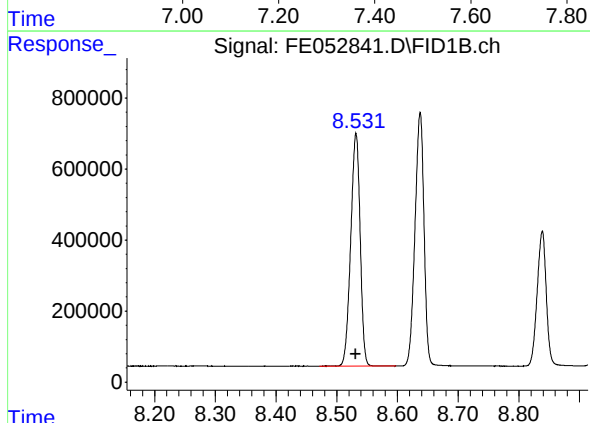
R.T.: 6.693 min
Delta R.T.: -0.001 min
Response: 7135857
Conc: 45.83 ug/ml



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

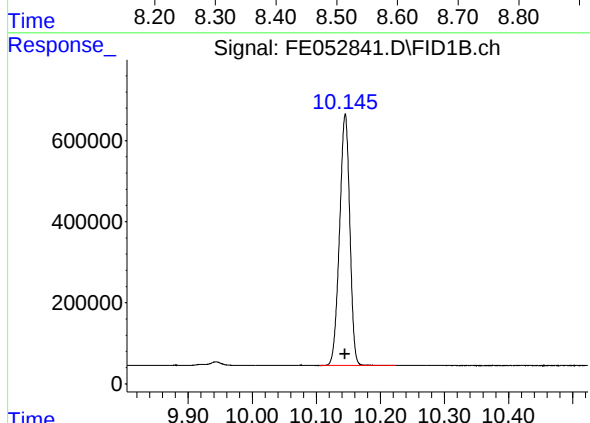
R.T.: 7.329 min
Delta R.T.: 0.000 min
Response: 6993420
Conc: 43.15 ug/ml

Instrument :
FID_E
ClientSampleId :
PB167185BSD



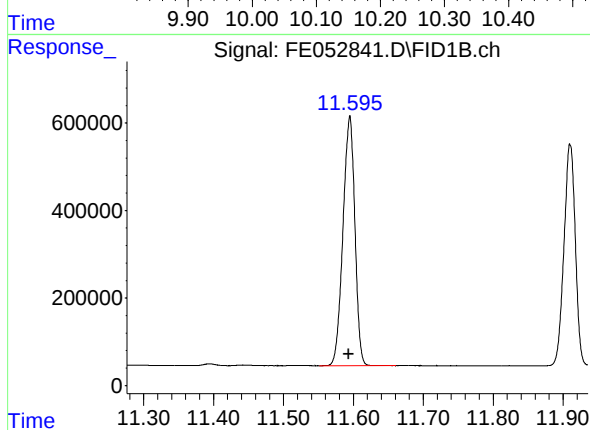
#6 n-Tetradecane (C14)

R.T.: 8.532 min
Delta R.T.: 0.000 min
Response: 7067342
Conc: 46.71 ug/ml



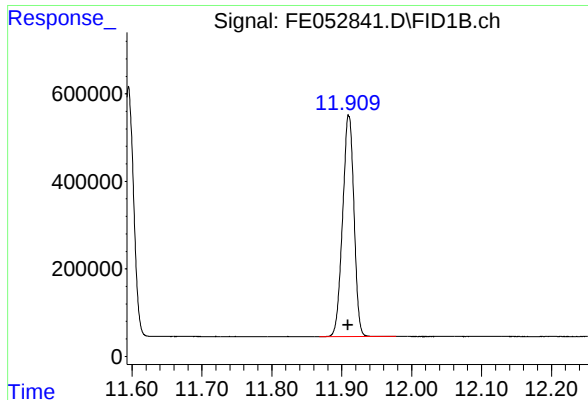
#7 n-Hexadecane (C16)

R.T.: 10.145 min
Delta R.T.: 0.000 min
Response: 6856062
Conc: 44.84 ug/ml



#8 n-Octadecane (C18)

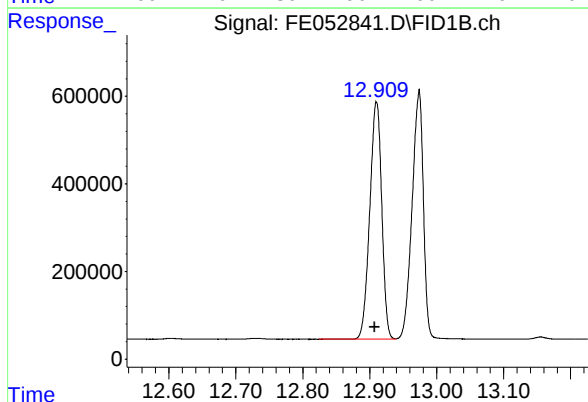
R.T.: 11.595 min
Delta R.T.: 0.001 min
Response: 6740057
Conc: 44.30 ug/ml



#9 ortho-Terphenyl (SURR)

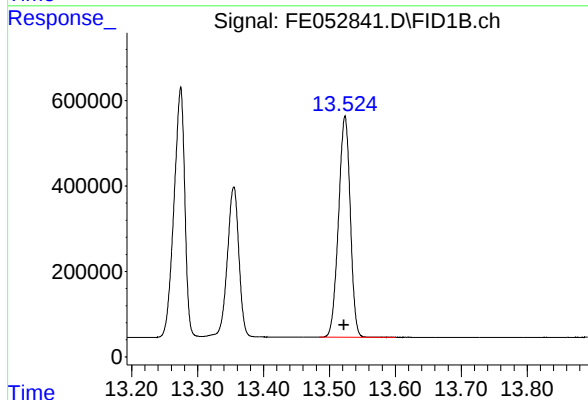
R.T.: 11.910 min
Delta R.T.: 0.002 min
Response: 5701335
Conc: 33.82 ug/ml

Instrument :
FID_E
ClientSampleId :
PB167185BSD



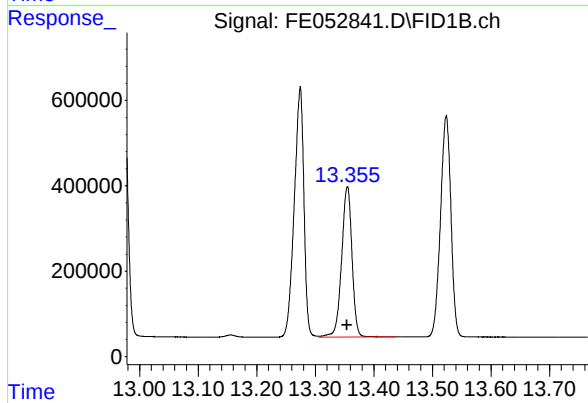
#10 n-Eicosane (C20)

R.T.: 12.910 min
Delta R.T.: 0.002 min
Response: 6730211
Conc: 46.36 ug/ml



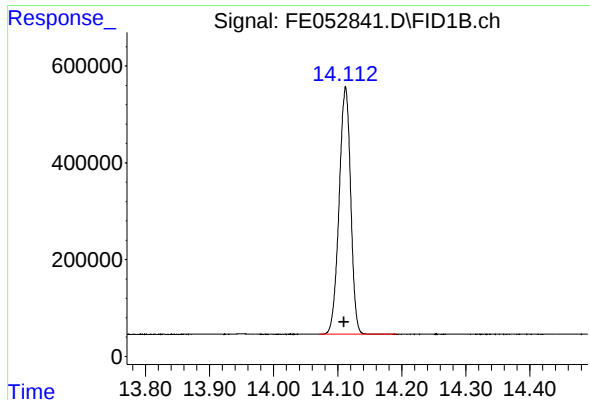
#11 n-Heneicosane (C21)

R.T.: 13.524 min
Delta R.T.: 0.001 min
Response: 6422070
Conc: 45.12 ug/ml



#12 1-chlorooctadecane (SURR)

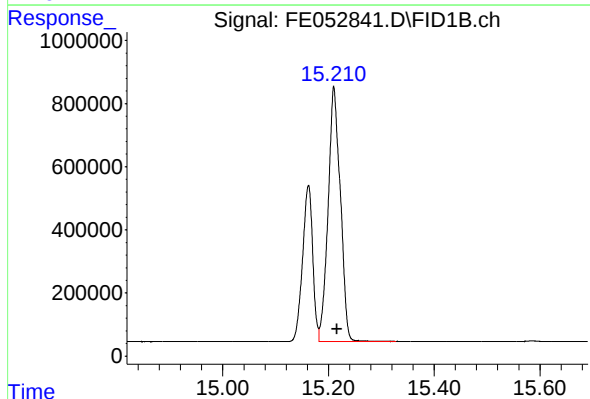
R.T.: 13.355 min
Delta R.T.: 0.000 min
Response: 4325985
Conc: 35.63 ug/ml



#13 n-Docosane (C22)

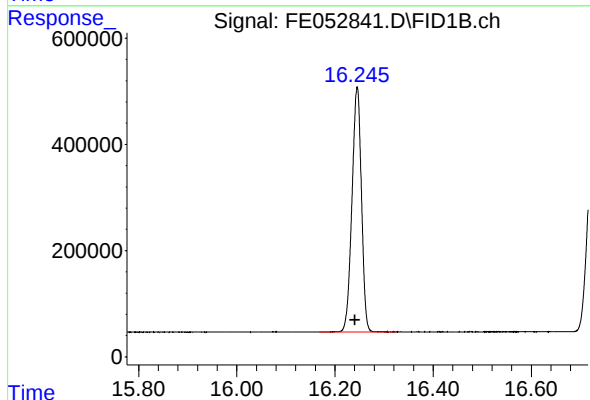
R.T.: 14.112 min
Delta R.T.: 0.002 min
Response: 6356957
Conc: 44.67 ug/ml

Instrument :
FID_E
ClientSampleId :
PB167185BSD



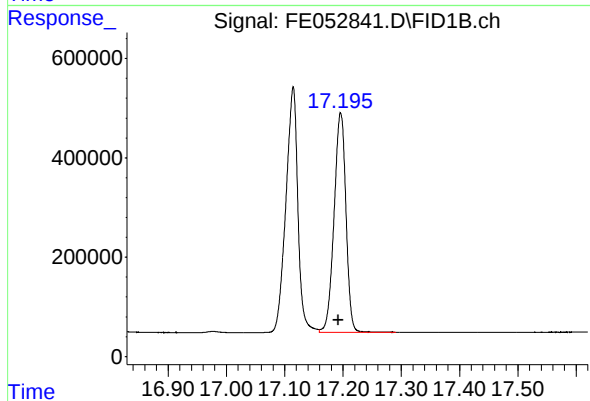
#14 n-Tetracosane (C24)

R.T.: 15.210 min
Delta R.T.: -0.006 min
Response: 12973544
Conc: 90.66 ug/ml



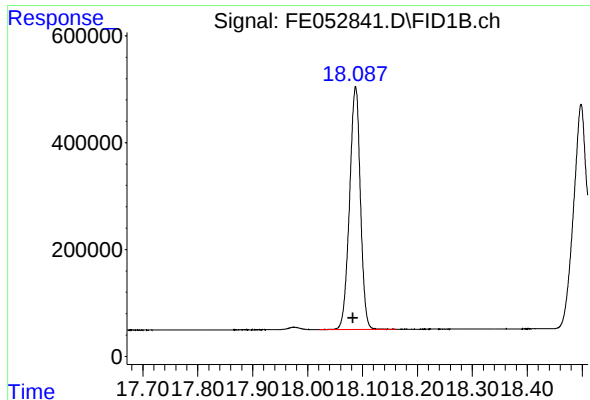
#15 n-Hexacosane (C26)

R.T.: 16.245 min
Delta R.T.: 0.005 min
Response: 6170174
Conc: 43.39 ug/ml



#16 n-Octacosane (C28)

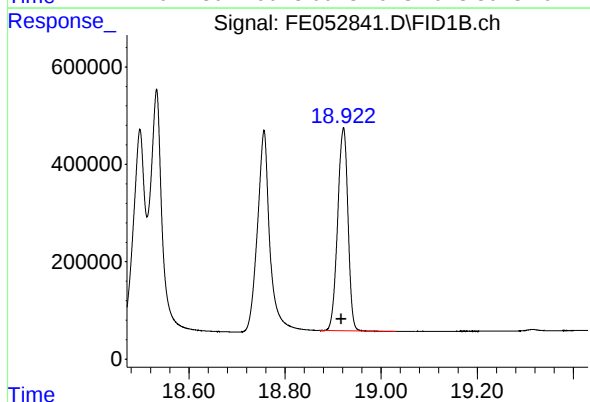
R.T.: 17.196 min
Delta R.T.: 0.004 min
Response: 6254630
Conc: 43.99 ug/ml



#17 n-Tricontane (C30)

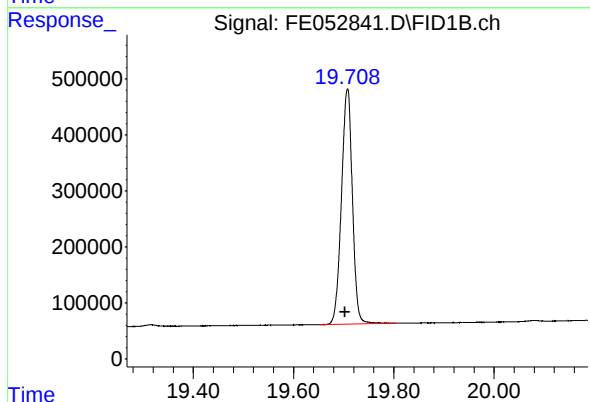
R.T.: 18.087 min
Delta R.T.: 0.005 min
Response: 6225433
Conc: 42.15 ug/ml

Instrument :
FID_E
ClientSampleId :
PB167185BSD



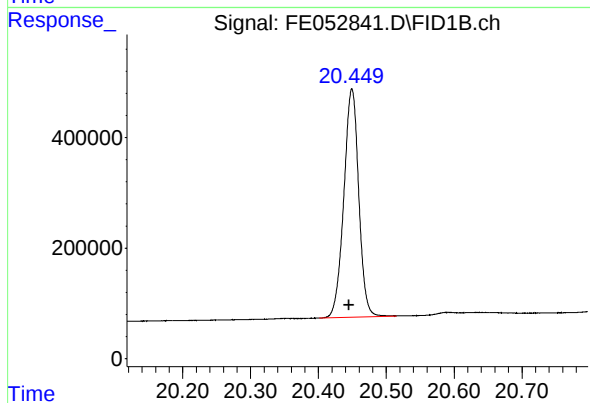
#18 n-Dotriacontane (C32)

R.T.: 18.921 min
Delta R.T.: 0.004 min
Response: 6213305
Conc: 42.80 ug/ml



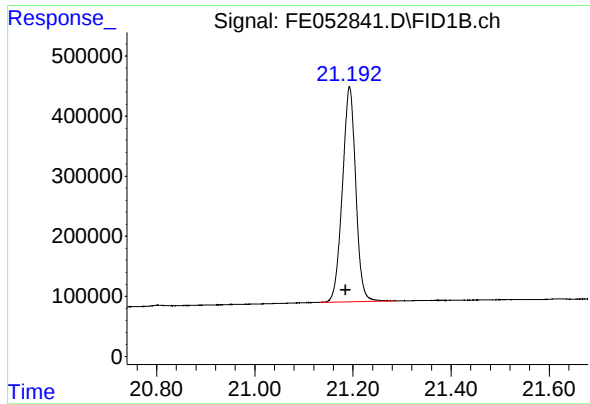
#19 n-Tetratriacontane (C34)

R.T.: 19.707 min
Delta R.T.: 0.005 min
Response: 6364826
Conc: 47.22 ug/ml



#20 n-Hexatriacontane (C36)

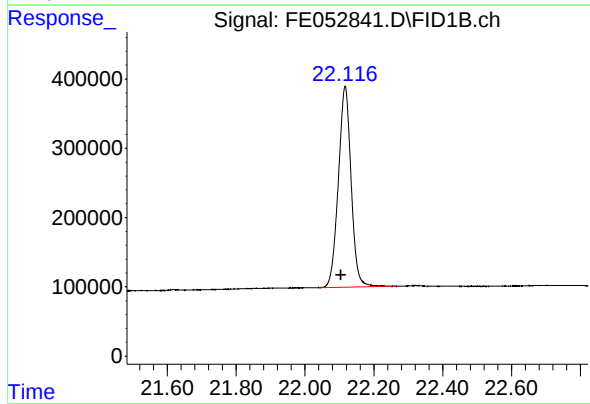
R.T.: 20.449 min
Delta R.T.: 0.004 min
Response: 6326881
Conc: 53.25 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.193 min
Delta R.T.: 0.008 min
Response: 6760153
Conc: 60.94 ug/ml

Instrument :
FID_E
ClientSampleId :
PB167185BSD



#22 n-Tetracontane (C40)

R.T.: 22.117 min
Delta R.T.: 0.012 min
Response: 7450713
Conc: 68.91 ug/ml