

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE050323AL\
 Data File : FE041701.D
 Signal(s) : FID1B.ch
 Acq On : 03 May 2023 15:51
 Operator : YP\AJ
 Sample : PB152547BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB152547BSD

Integration File: autoint1.e
 Quant Time: May 04 02:11:32 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042123.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 21 07:33:51 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)	11.982	9024630	48.104 ug/ml
Spiked Amount 50.000		Recovery =	96.21%
12) S 1-chlorooctadecane (S...	13.418	7130389	50.474 ug/ml
Spiked Amount 50.000		Recovery =	100.95%
Target Compounds			
1) T n-Nonane (C9)	3.367	6831546	46.474 ug/ml
2) T n-Decane (C10)	4.615	7362236	49.088 ug/ml
3) T A~Naphthalene (C11.7)	6.317	8691106	52.518 ug/ml
4) T n-Dodecane (C12)	6.779	8108226	53.328 ug/ml
5) T A~2-methylnaphthalene...	7.414	8477897	52.577 ug/ml
6) T n-Tetradecane (C14)	8.611	8368958	55.094 ug/ml
7) T n-Hexadecane (C16)	10.218	8793846	55.105 ug/ml
8) T n-Octadecane (C18)	11.663	8966504	54.703 ug/ml
10) T n-Eicosane (C20)	12.973	8820676	54.840 ug/ml
11) T n-Heneicosane (C21)	13.586	8596362	53.939 ug/ml
13) T n-Docosane (C22)	14.173	8463701	53.121 ug/ml
14) T n-Tetracosane (C24)	15.267	15860137	98.376 ug/ml
15) T n-Hexacosane (C26)	16.300	7979818	50.474 ug/ml
16) T n-Octacosane (C28)	17.248	7720764	50.176 ug/ml
17) T n-Tricontane (C30)	18.138	7526173	49.416 ug/ml
18) T n-Dotriacontane (C32)	18.968	7275282	48.834 ug/ml
19) T n-Tetratriacontane (C34)	19.753	7239878	51.392 ug/ml
20) T n-Hexatriacontane (C36)	20.493	6921050	51.754 ug/ml
21) T n-Octatriacontane (C38)	21.250	7035182	53.243 ug/ml
22) T n-Tetracontane (C40)	22.193	7273753	57.450 ug/ml

(f)=RT Delta > 1/2 Window

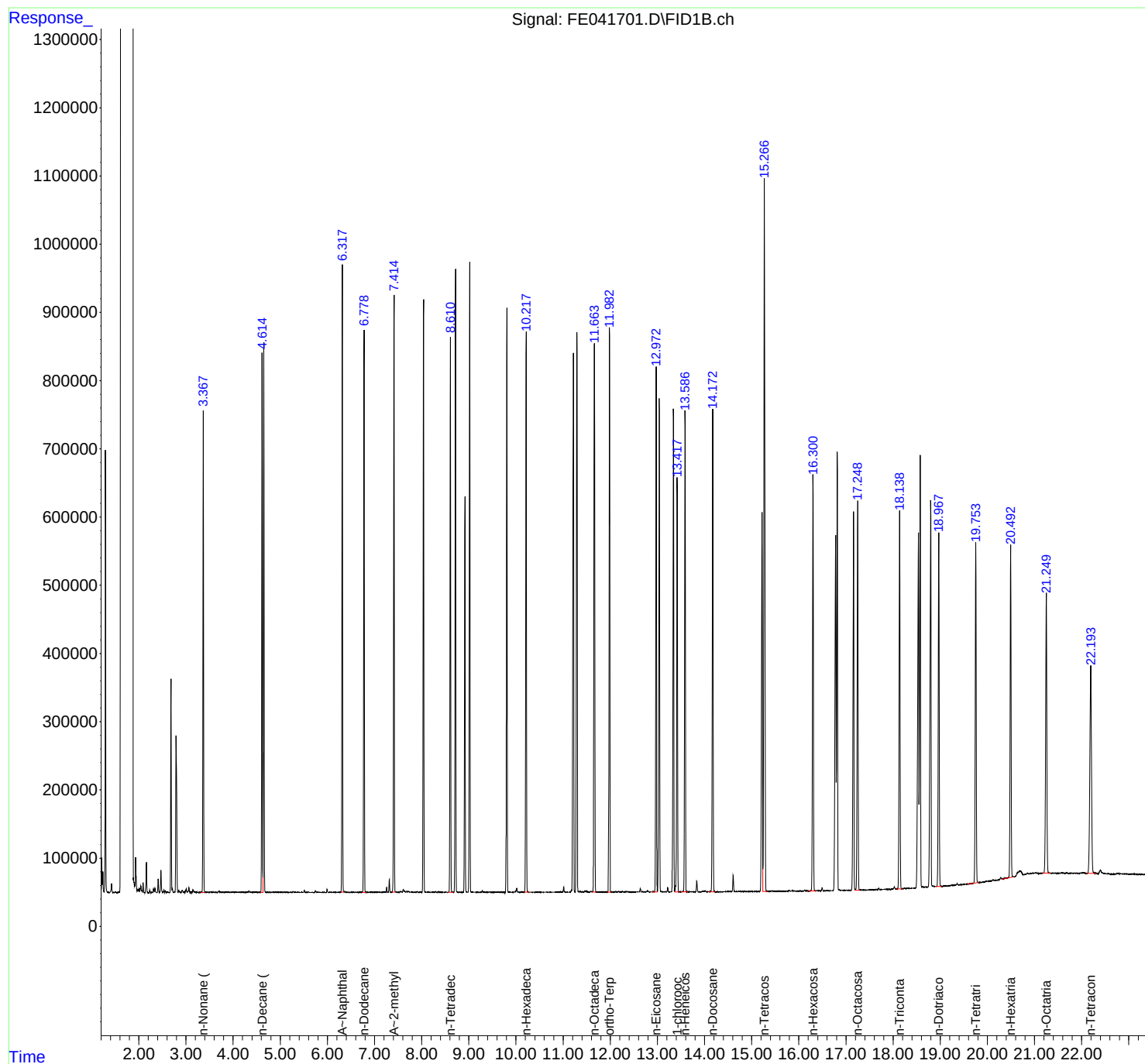
(m)=manual int.

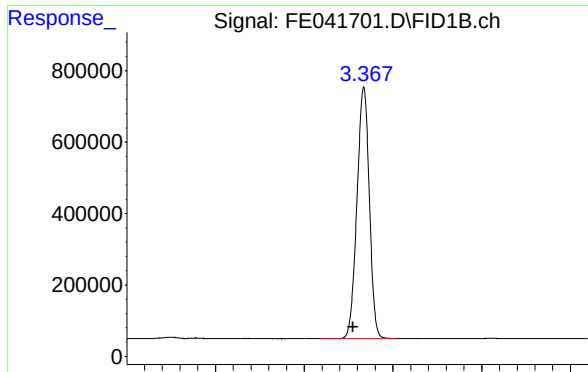
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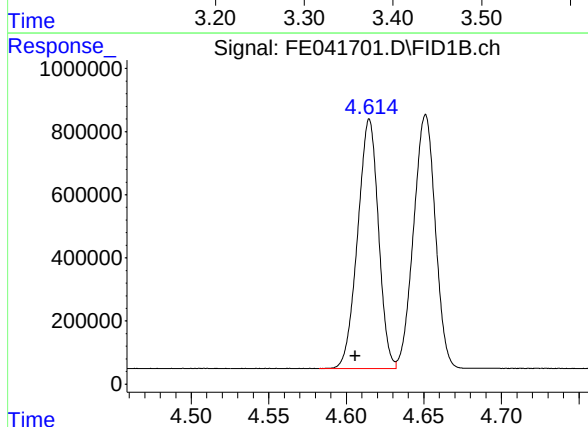




#1 n-Nonane (C9)

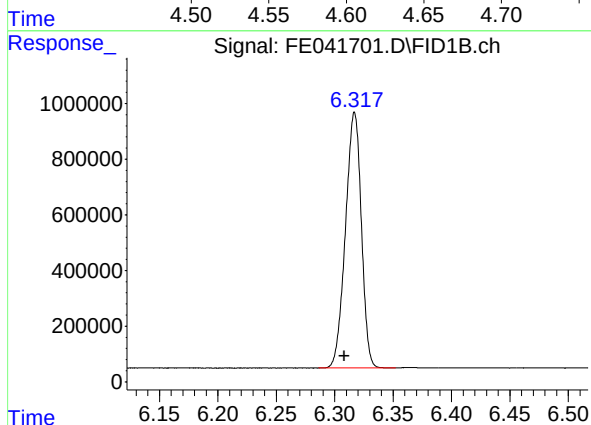
R.T.: 3.367 min
Delta R.T.: 0.012 min
Response: 6831546
Conc: 46.47 ug/ml

Instrument :
FID_E
ClientSampleId :
PB152547BSD



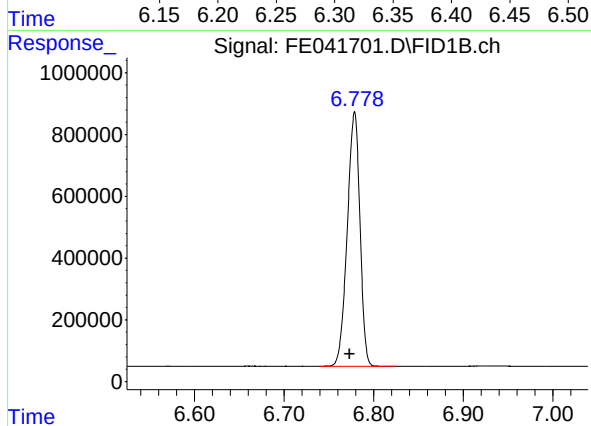
#2 n-Decane (C10)

R.T.: 4.615 min
Delta R.T.: 0.009 min
Response: 7362236
Conc: 49.09 ug/ml



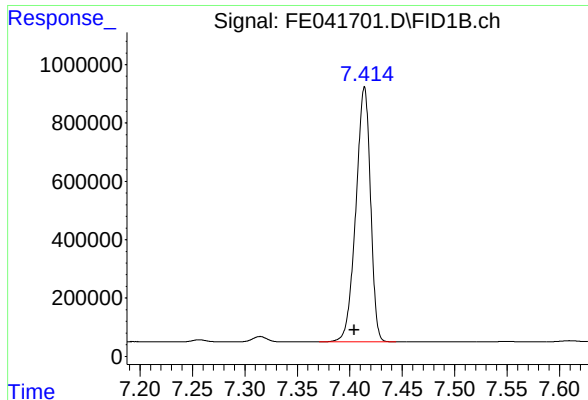
#3 A~Naphthalene (C11.7)

R.T.: 6.317 min
Delta R.T.: 0.009 min
Response: 8691106
Conc: 52.52 ug/ml



#4 n-Dodecane (C12)

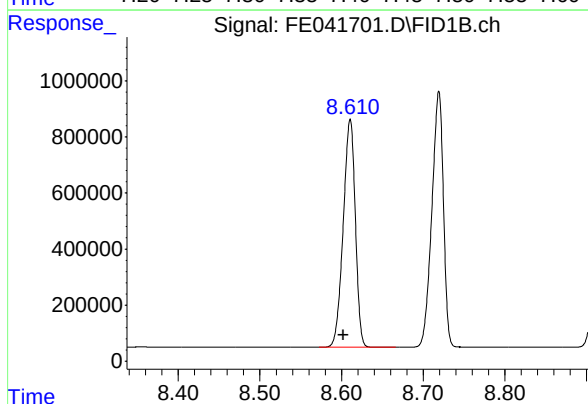
R.T.: 6.779 min
Delta R.T.: 0.005 min
Response: 8108226
Conc: 53.33 ug/ml



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

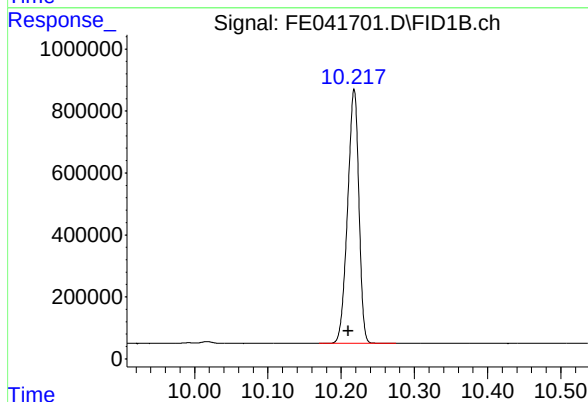
R.T.: 7.414 min
Delta R.T.: 0.010 min
Response: 8477897
Conc: 52.58 ug/ml

Instrument :
FID_E
ClientSampleId :
PB152547BSD



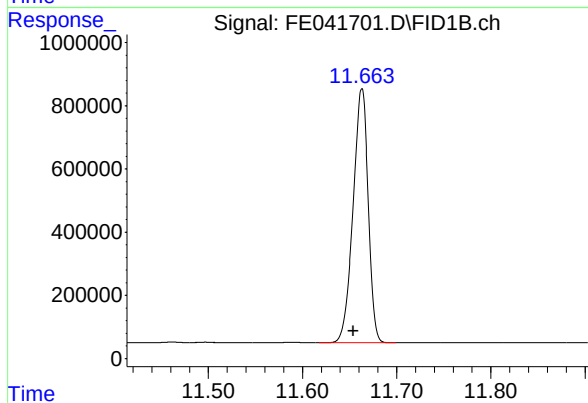
#6 n-Tetradecane (C14)

R.T.: 8.611 min
Delta R.T.: 0.008 min
Response: 8368958
Conc: 55.09 ug/ml



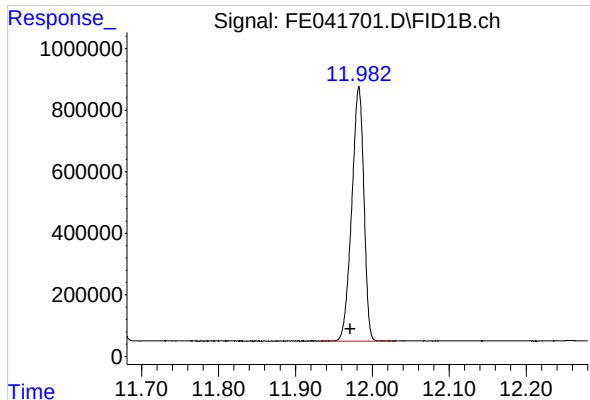
#7 n-Hexadecane (C16)

R.T.: 10.218 min
Delta R.T.: 0.008 min
Response: 8793846
Conc: 55.10 ug/ml



#8 n-Octadecane (C18)

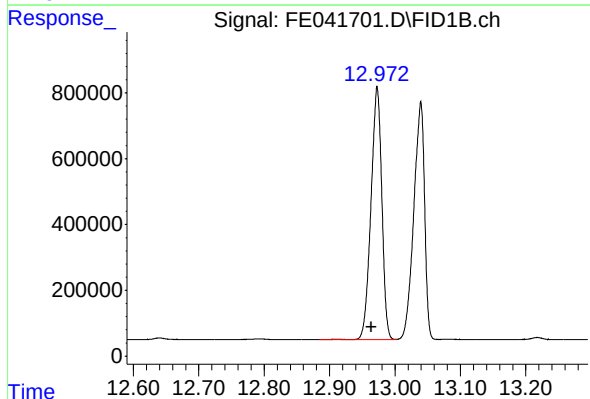
R.T.: 11.663 min
Delta R.T.: 0.009 min
Response: 8966504
Conc: 54.70 ug/ml



#9 ortho-Terphenyl (SURR)

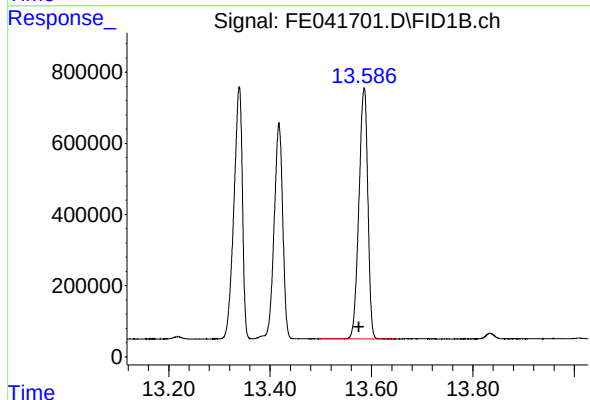
R.T.: 11.982 min
Delta R.T.: 0.011 min
Response: 9024630
Conc: 48.10 ug/ml

Instrument :
FID_E
ClientSampleId :
PB152547BSD



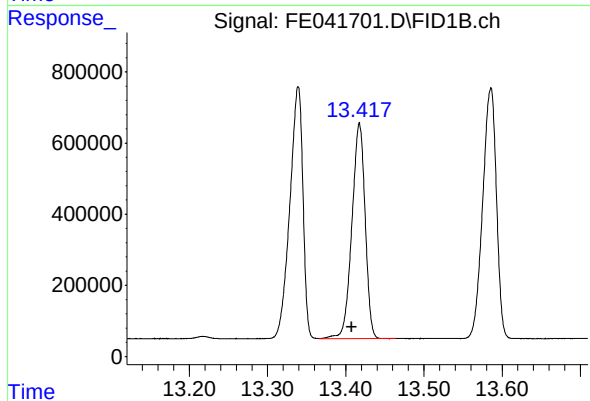
#10 n-Eicosane (C20)

R.T.: 12.973 min
Delta R.T.: 0.009 min
Response: 8820676
Conc: 54.84 ug/ml



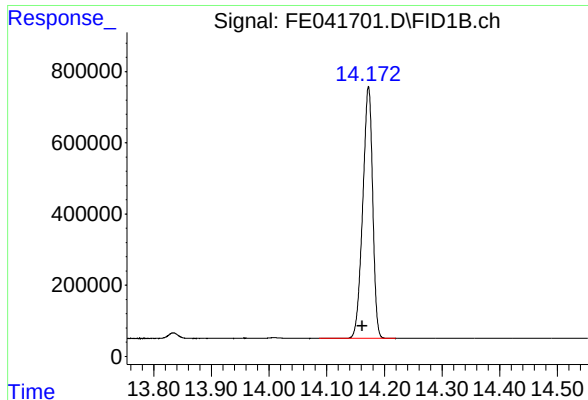
#11 n-Heneicosane (C21)

R.T.: 13.586 min
Delta R.T.: 0.010 min
Response: 8596362
Conc: 53.94 ug/ml



#12 1-chlorooctadecane (SURR)

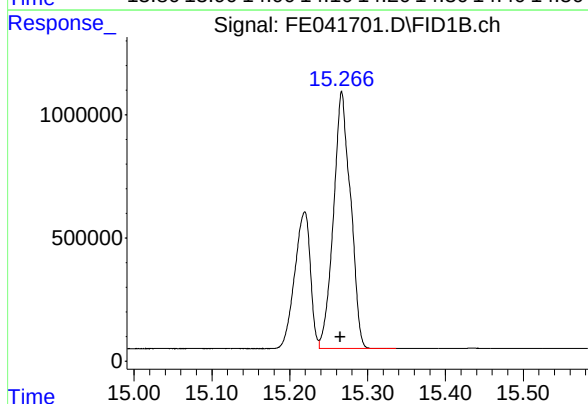
R.T.: 13.418 min
Delta R.T.: 0.010 min
Response: 7130389
Conc: 50.47 ug/ml



#13 n-Docosane (C22)

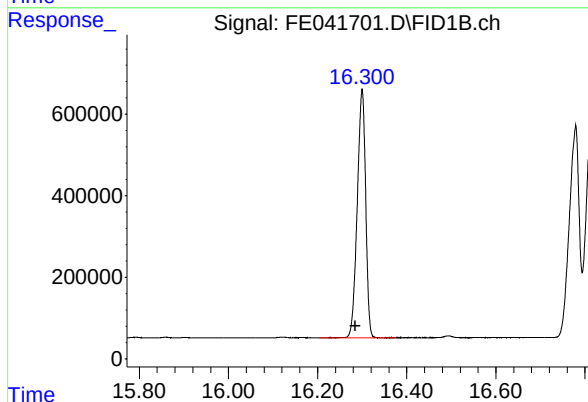
R.T.: 14.173 min
Delta R.T.: 0.011 min
Response: 8463701
Conc: 53.12 ug/ml

Instrument :
FID_E
ClientSampleId :
PB152547BSD



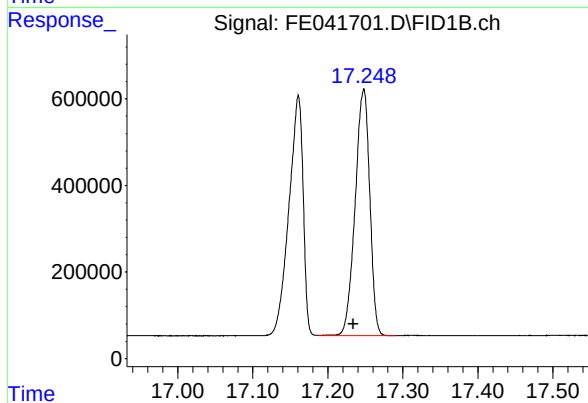
#14 n-Tetracosane (C24)

R.T.: 15.267 min
Delta R.T.: 0.002 min
Response: 15860137
Conc: 98.38 ug/ml



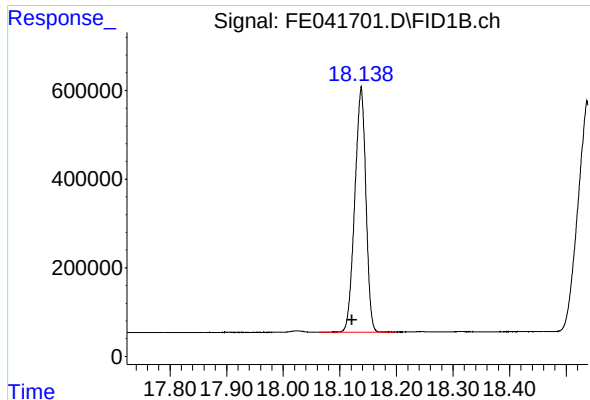
#15 n-Hexacosane (C26)

R.T.: 16.300 min
Delta R.T.: 0.015 min
Response: 7979818
Conc: 50.47 ug/ml



#16 n-Octacosane (C28)

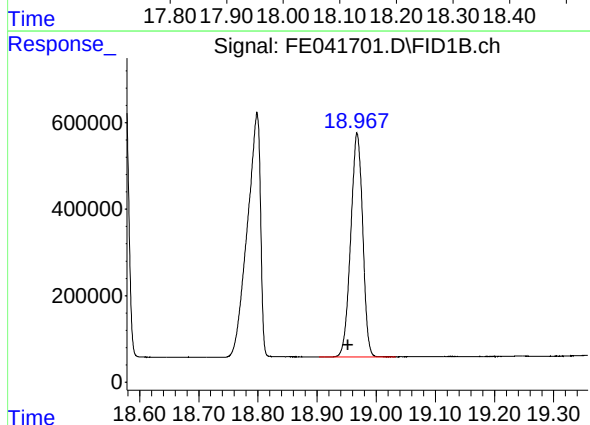
R.T.: 17.248 min
Delta R.T.: 0.014 min
Response: 7720764
Conc: 50.18 ug/ml



#17 n-Tricontane (C30)

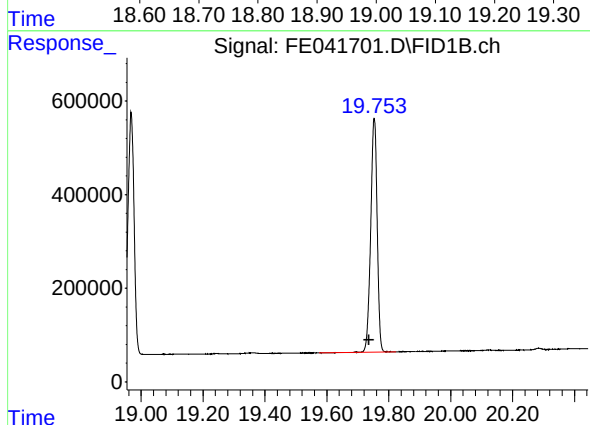
R.T.: 18.138 min
Delta R.T.: 0.016 min
Response: 7526173
Conc: 49.42 ug/ml

Instrument :
FID_E
ClientSampleId :
PB152547BSD



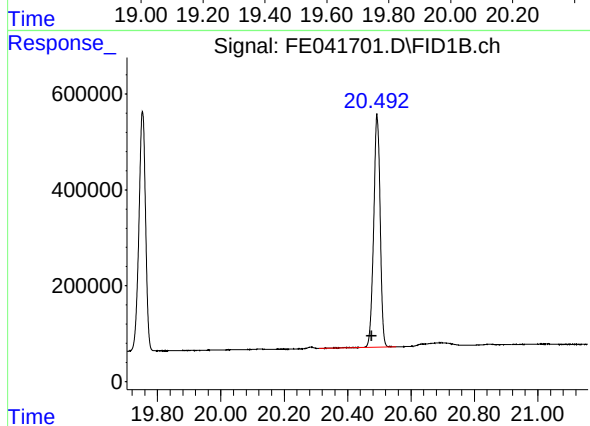
#18 n-Dotriacontane (C32)

R.T.: 18.968 min
Delta R.T.: 0.016 min
Response: 7275282
Conc: 48.83 ug/ml



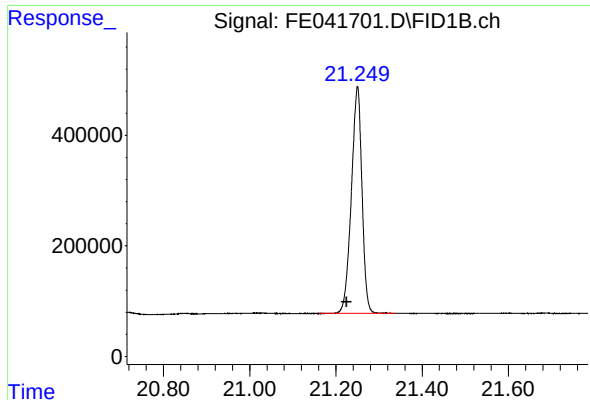
#19 n-Tetratriacontane (C34)

R.T.: 19.753 min
Delta R.T.: 0.017 min
Response: 7239878
Conc: 51.39 ug/ml



#20 n-Hexatriacontane (C36)

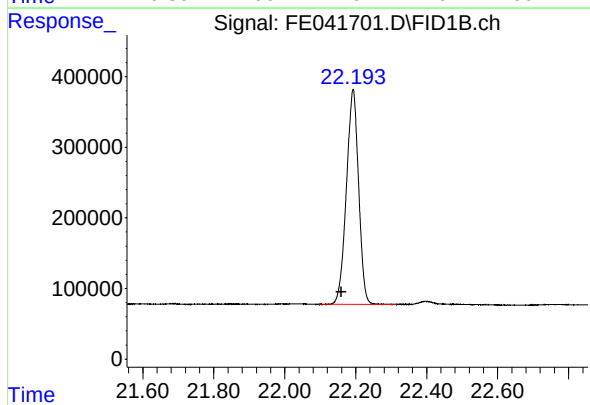
R.T.: 20.493 min
Delta R.T.: 0.017 min
Response: 6921050
Conc: 51.75 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.250 min
Delta R.T.: 0.026 min
Response: 7035182
Conc: 53.24 ug/ml

Instrument :
FID_E
ClientSampleId :
PB152547BSD



#22 n-Tetracontane (C40)

R.T.: 22.193 min
Delta R.T.: 0.034 min
Response: 7273753
Conc: 57.45 ug/ml