

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE022023AL\
 Data File : FE040440.D
 Signal(s) : FID1B.ch
 Acq On : 20 Feb 2023 16:29
 Operator : YP\AJ
 Sample : PB150939BSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB150939BSD

Integration File: autoint1.e
 Quant Time: Feb 21 02:08:21 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 020223.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 02 04:52:48 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)	11.893	7258461	44.844 ug/ml
Spiked Amount 50.000		Recovery =	89.69%
12) S 1-chlorooctadecane (S...	13.331	5822953	46.951 ug/ml
Spiked Amount 50.000		Recovery =	93.90%
Target Compounds			
1) T n-Nonane (C9)	3.292	6488922	47.676 ug/ml
2) T n-Decane (C10)	4.538	6933497	52.183 ug/ml
3) T A~Naphthalene (C11.7)	6.236	7844525	53.600 ug/ml
4) T n-Dodecane (C12)	6.699	7562535	56.169 ug/ml
5) T A~2-methylnaphthalene...	7.331	7577602	55.983 ug/ml
6) T n-Tetradecane (C14)	8.527	7815603	56.710 ug/ml
7) T n-Hexadecane (C16)	10.133	8311655	57.913 ug/ml
8) T n-Octadecane (C18)	11.577	8544627	57.442 ug/ml
10) T n-Eicosane (C20)	12.887	8436460	57.384 ug/ml
11) T n-Heneicosane (C21)	13.500	8241058	55.874 ug/ml
13) T n-Docosane (C22)	14.087	8210694	55.414 ug/ml
14) T n-Tetracosane (C24)	15.182	15425933	101.619 ug/ml
15) T n-Hexacosane (C26)	16.215	7851509	52.962 ug/ml
16) T n-Octacosane (C28)	17.164	7941018	52.988 ug/ml
17) T n-Tricontane (C30)	18.055	7379892	50.017 ug/ml
18) T n-Dotriacontane (C32)	18.887	7314475	49.942 ug/ml
19) T n-Tetratriacontane (C34)	19.672	6930303	50.386 ug/ml
20) T n-Hexatriacontane (C36)	20.413	6644182	50.091 ug/ml
21) T n-Octatriacontane (C38)	21.145	6559623	50.563 ug/ml
22) T n-Tetracontane (C40)	22.046	6632800	49.957 ug/ml

(f)=RT Delta > 1/2 Window

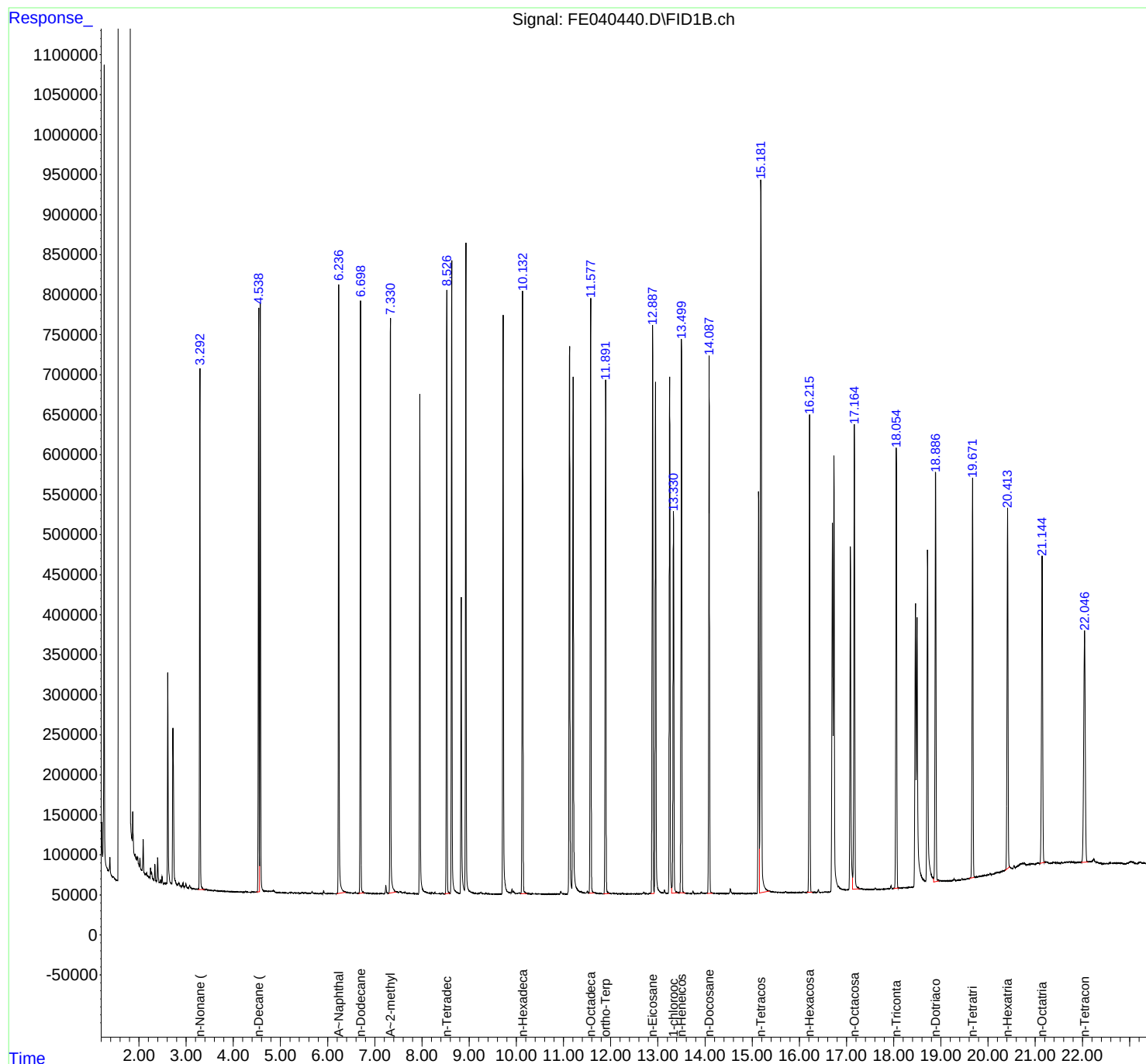
(m)=manual int.

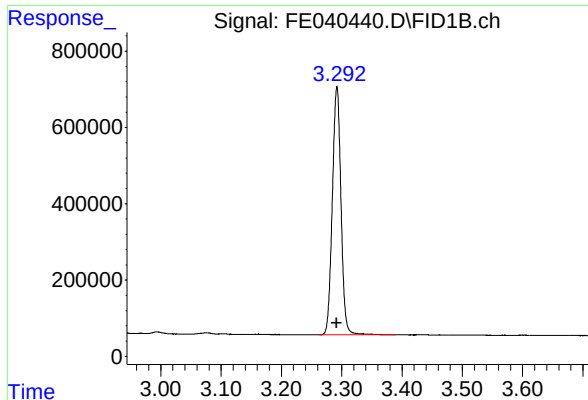
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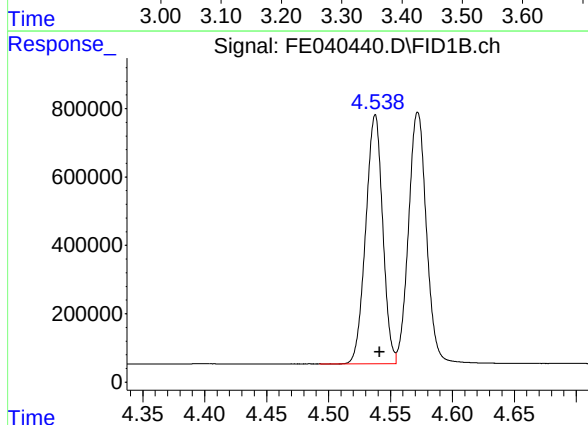




#1 n-Nonane (C9)

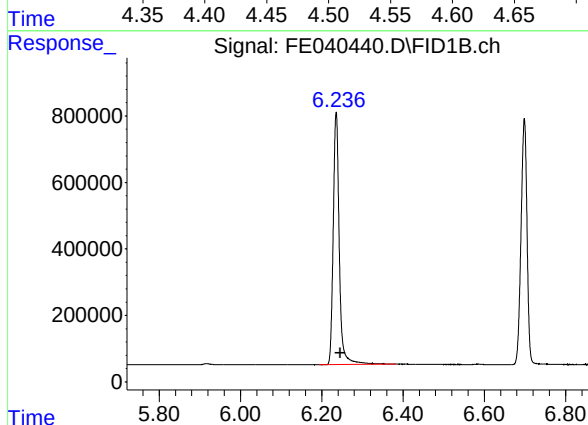
R.T.: 3.292 min
Delta R.T.: 0.000 min
Response: 6488922
Conc: 47.68 ug/ml

Instrument :
FID_E
ClientSampleId :
PB150939BSD



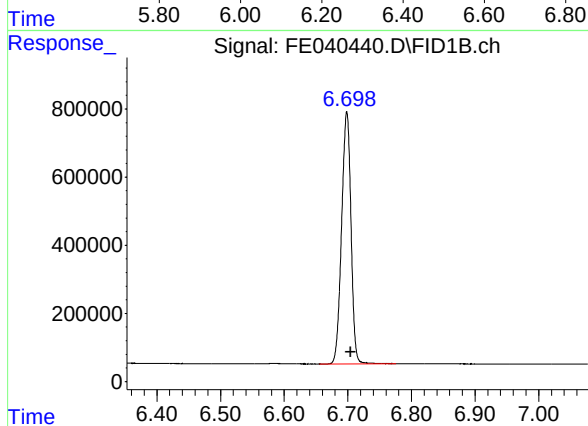
#2 n-Decane (C10)

R.T.: 4.538 min
Delta R.T.: -0.004 min
Response: 6933497
Conc: 52.18 ug/ml



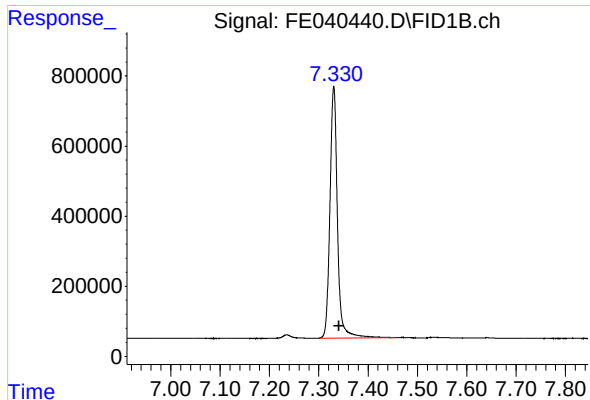
#3 A~Naphthalene (C11.7)

R.T.: 6.236 min
Delta R.T.: -0.010 min
Response: 7844525
Conc: 53.60 ug/ml



#4 n-Dodecane (C12)

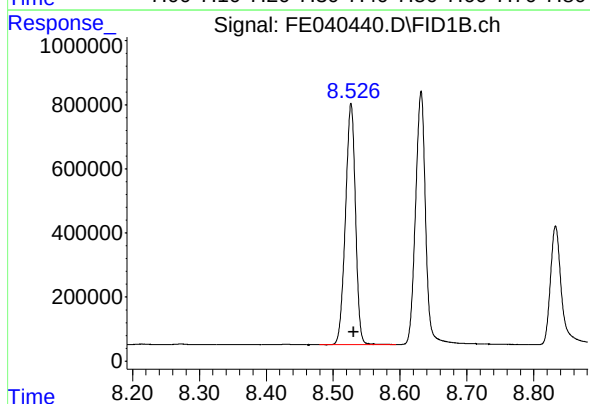
R.T.: 6.699 min
Delta R.T.: -0.006 min
Response: 7562535
Conc: 56.17 ug/ml



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

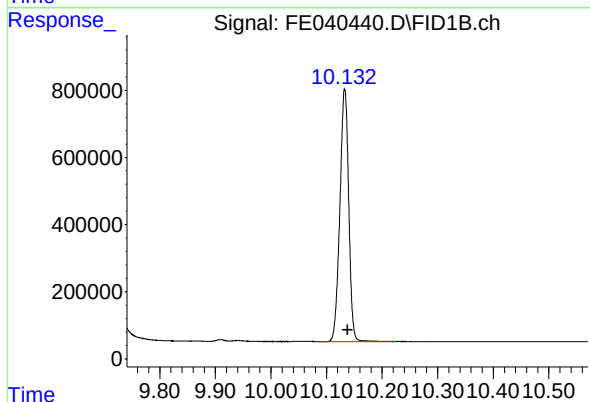
R.T.: 7.331 min
Delta R.T.: -0.010 min
Response: 7577602
Conc: 55.98 ug/ml

Instrument :
FID_E
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PB150939BSD



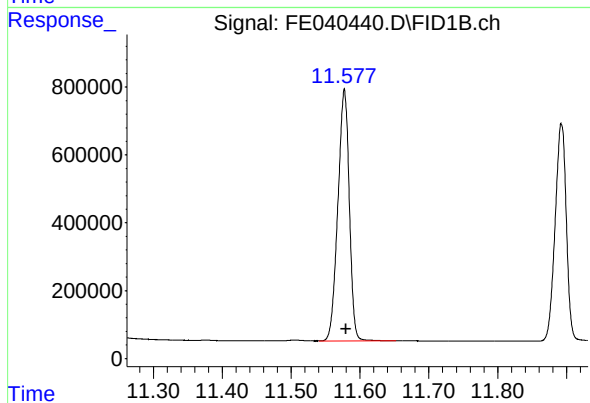
#6 n-Tetradecane (C14)

R.T.: 8.527 min
Delta R.T.: -0.004 min
Response: 7815603
Conc: 56.71 ug/ml



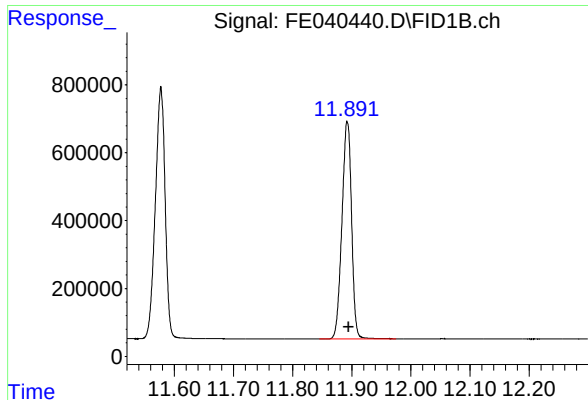
#7 n-Hexadecane (C16)

R.T.: 10.133 min
Delta R.T.: -0.005 min
Response: 8311655
Conc: 57.91 ug/ml



#8 n-Octadecane (C18)

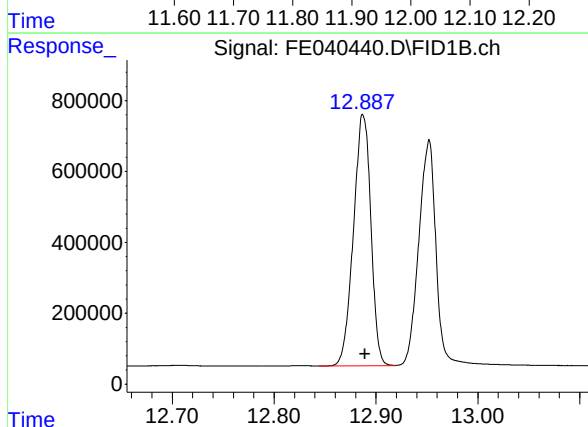
R.T.: 11.577 min
Delta R.T.: -0.002 min
Response: 8544627
Conc: 57.44 ug/ml



#9 ortho-Terphenyl (SURR)

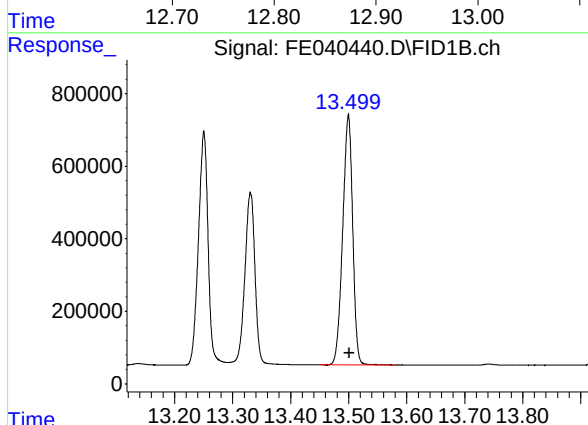
R.T.: 11.893 min
Delta R.T.: -0.002 min
Response: 7258461
Conc: 44.84 ug/ml

Instrument :
FID_E
ClientSampleId :
PB150939BSD



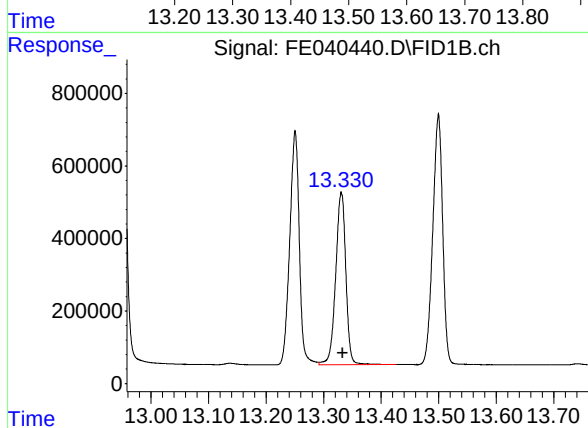
#10 n-Eicosane (C20)

R.T.: 12.887 min
Delta R.T.: -0.002 min
Response: 8436460
Conc: 57.38 ug/ml



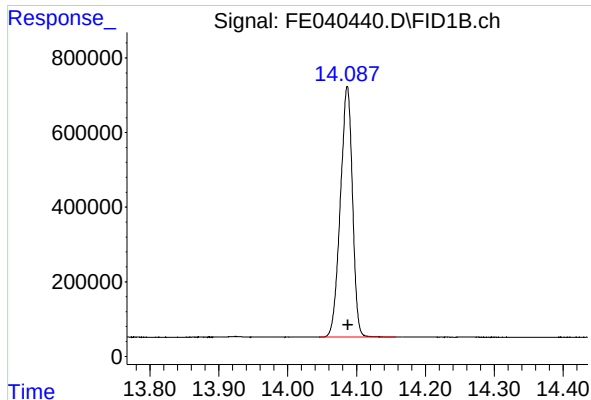
#11 n-Heneicosane (C21)

R.T.: 13.500 min
Delta R.T.: -0.001 min
Response: 8241058
Conc: 55.87 ug/ml



#12 1-chlorooctadecane (SURR)

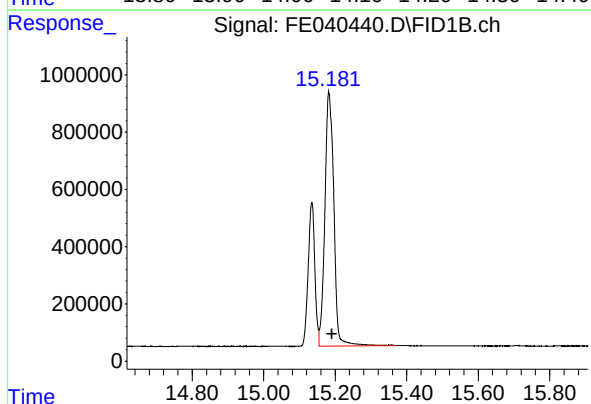
R.T.: 13.331 min
Delta R.T.: -0.003 min
Response: 5822953
Conc: 46.95 ug/ml



#13 n-Docosane (C22)

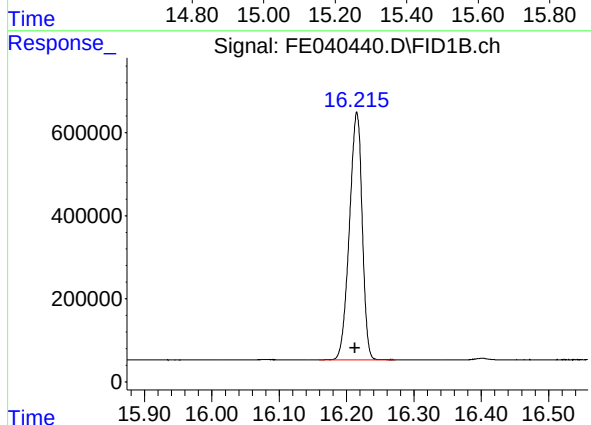
R.T.: 14.087 min
Delta R.T.: 0.000 min
Response: 8210694
Conc: 55.41 ug/ml

Instrument :
FID_E
ClientSampleId :
PB150939BSD



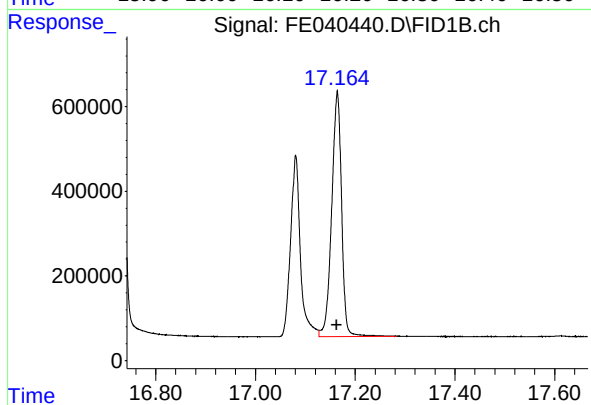
#14 n-Tetracosane (C24)

R.T.: 15.182 min
Delta R.T.: -0.008 min
Response: 15425933
Conc: 101.62 ug/ml



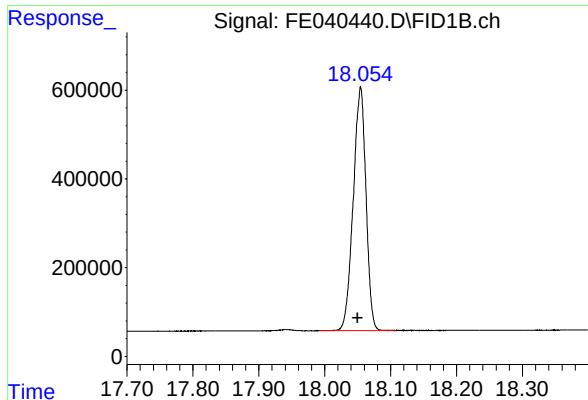
#15 n-Hexacosane (C26)

R.T.: 16.215 min
Delta R.T.: 0.003 min
Response: 7851509
Conc: 52.96 ug/ml



#16 n-Octacosane (C28)

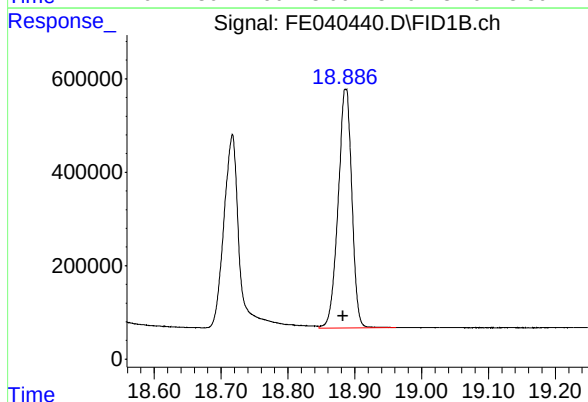
R.T.: 17.164 min
Delta R.T.: 0.002 min
Response: 7941018
Conc: 52.99 ug/ml



#17 n-Tricontane (C30)

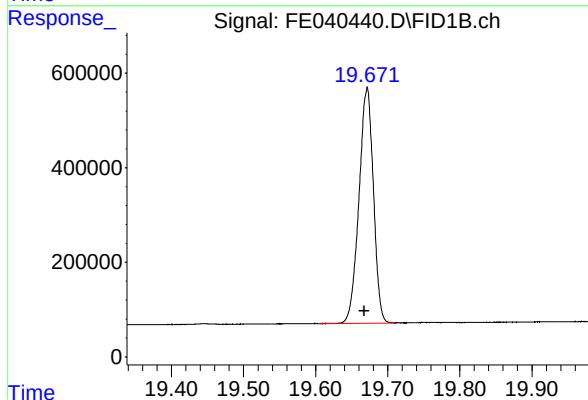
R.T.: 18.055 min
Delta R.T.: 0.004 min
Response: 7379892
Conc: 50.02 ug/ml

Instrument :
FID_E
ClientSampleId :
PB150939BSD



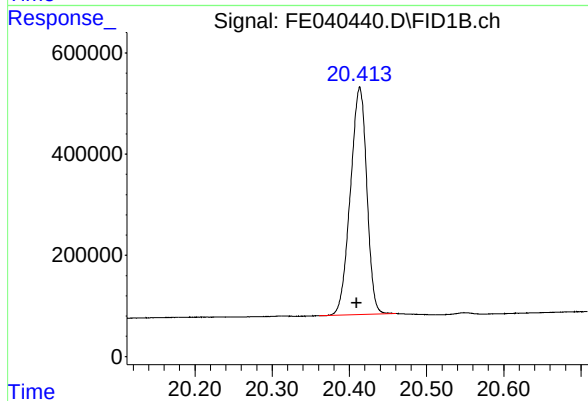
#18 n-Dotriacontane (C32)

R.T.: 18.887 min
Delta R.T.: 0.004 min
Response: 7314475
Conc: 49.94 ug/ml



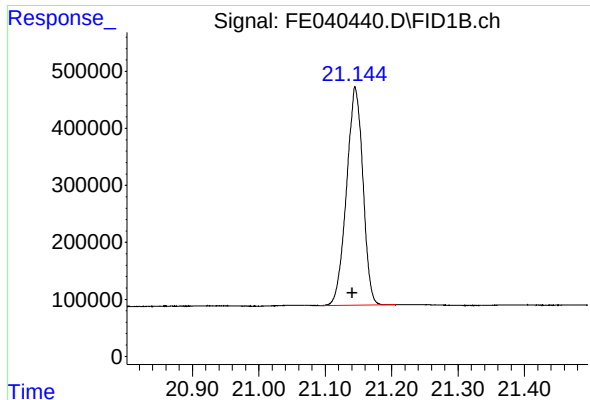
#19 n-Tetratriacontane (C34)

R.T.: 19.672 min
Delta R.T.: 0.004 min
Response: 6930303
Conc: 50.39 ug/ml



#20 n-Hexatriacontane (C36)

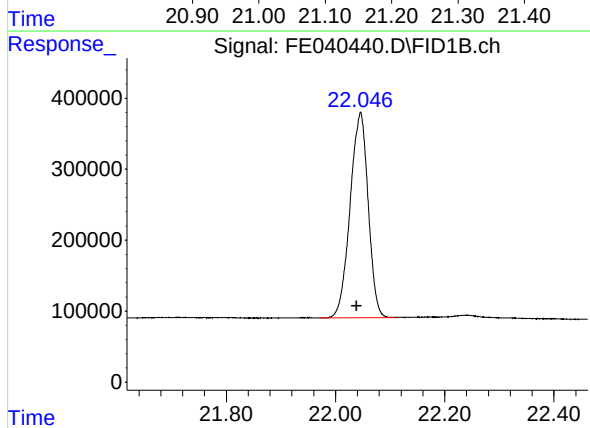
R.T.: 20.413 min
Delta R.T.: 0.004 min
Response: 6644182
Conc: 50.09 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.145 min
Delta R.T.: 0.004 min
Response: 6559623
Conc: 50.56 ug/ml

Instrument :
FID_E
ClientSampleId :
PB150939BSD



#22 n-Tetracontane (C40)

R.T.: 22.046 min
Delta R.T.: 0.007 min
Response: 6632800
Conc: 49.96 ug/ml