

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE052623AL\
 Data File : FE042257.D
 Signal(s) : FID1B.ch
 Acq On : 26 May 2023 18:04
 Operator : YP\AJ
 Sample : 02916-06MS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 SU-621-02MS

Integration File: autoint1.e
 Quant Time: May 27 00:28:32 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)	11.964	6851435	38.801 ug/ml
Spiked Amount 50.000		Recovery =	77.60%
12) S 1-chlorooctadecane (S...	13.399	5459838	41.089 ug/ml
Spiked Amount 50.000		Recovery =	82.18%
Target Compounds			
1) T n-Nonane (C9)	3.349	5477508	37.986 ug/ml
2) T n-Decane (C10)	4.599	6199221	41.876 ug/ml
3) T A~Naphthalene (C11.7)	6.305	7076285	43.370 ug/ml
4) T n-Dodecane (C12)	6.765	6749972	45.014 ug/ml
5) T A~2-methylnaphthalene...	7.402	6990908	44.050 ug/ml
6) T n-Tetradecane (C14)	8.595	7210529	48.132 ug/ml
7) T n-Hexadecane (C16)	10.201	8050240	51.680 ug/ml
8) T n-Octadecane (C18)	11.645	8533098	53.961 ug/ml
10) T n-Eicosane (C20)	12.955	8186569	54.007 ug/ml
11) T n-Heneicosane (C21)	13.566	7772830	52.465 ug/ml
13) T n-Docosane (C22)	14.152	7687975	52.443 ug/ml
14) T n-Tetracosane (C24)	15.248	14210230	98.439 ug/ml
15) T n-Hexacosane (C26)	16.277	7151975	51.640 ug/ml
16) T n-Octacosane (C28)	17.226	7073574	52.834 ug/ml
17) T n-Tricontane (C30)	18.115	7271540	53.867 ug/ml
18) T n-Dotriacontane (C32)	18.947	7180001	53.746 ug/ml
19) T n-Tetratriacontane (C34)	19.731	6740218	51.252 ug/ml
20) T n-Hexatriacontane (C36)	20.470	6729192	51.774 ug/ml
21) T n-Octatriacontane (C38)	21.220	6363021	46.900 ug/ml
22) T n-Tetracontane (C40)	22.155	6534979	46.974 ug/ml

(f)=RT Delta > 1/2 Window

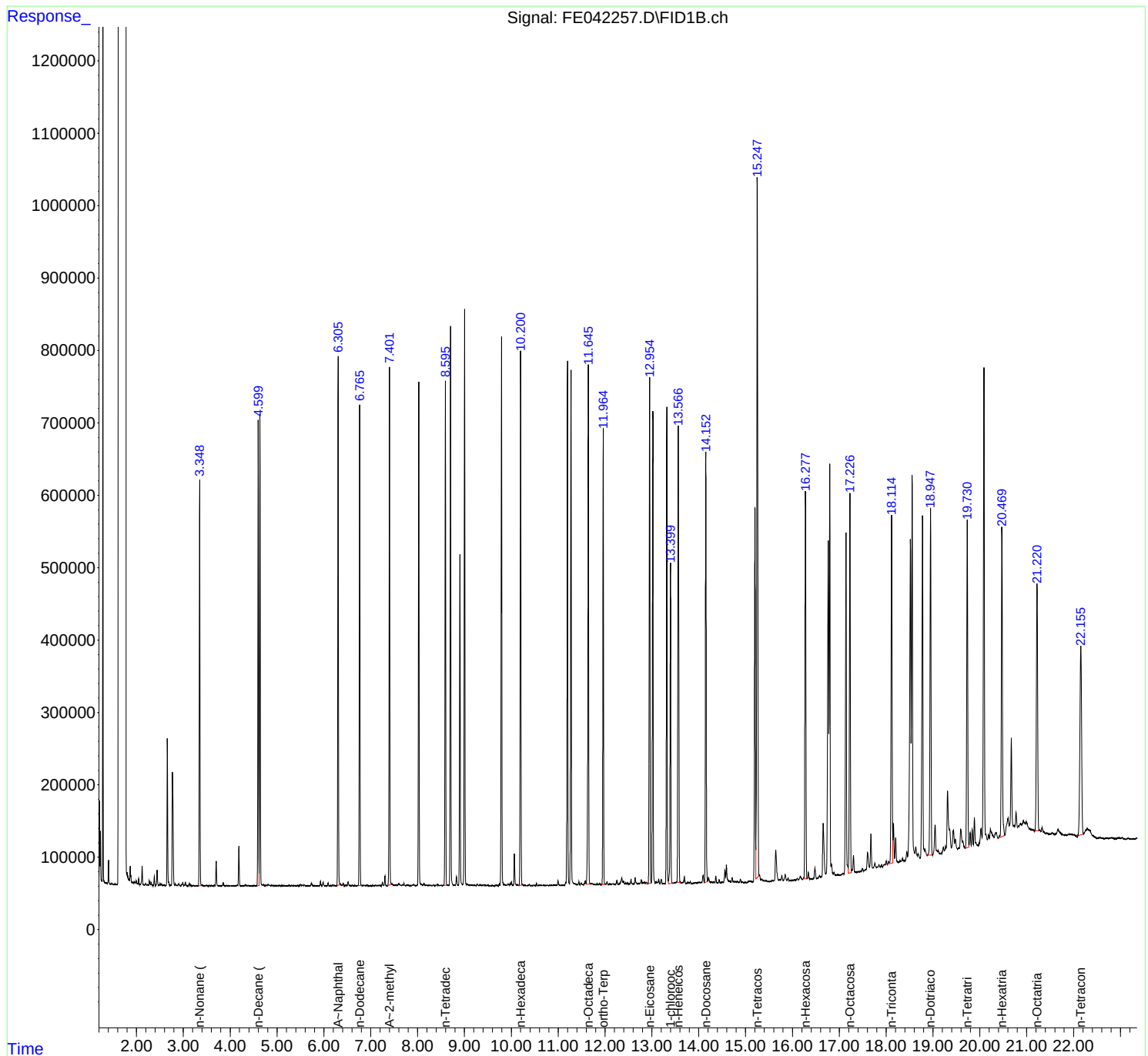
(m)=manual int.

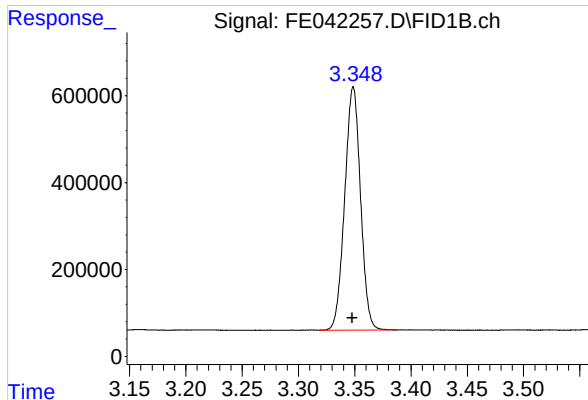
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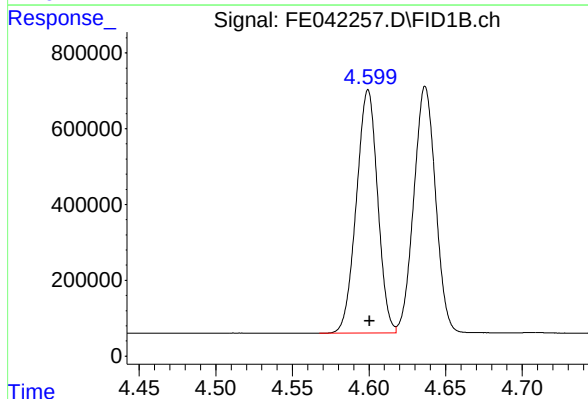




#1 n-Nonane (C9)

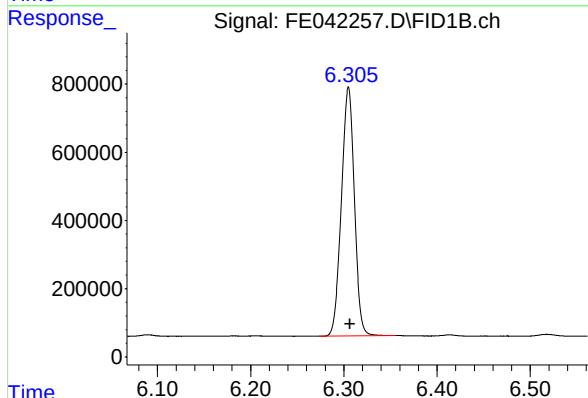
R.T.: 3.349 min
Delta R.T.: 0.000 min
Response: 5477508
Conc: 37.99 ug/ml

Instrument :
FID_E
ClientSampleId :
SU-621-02MS



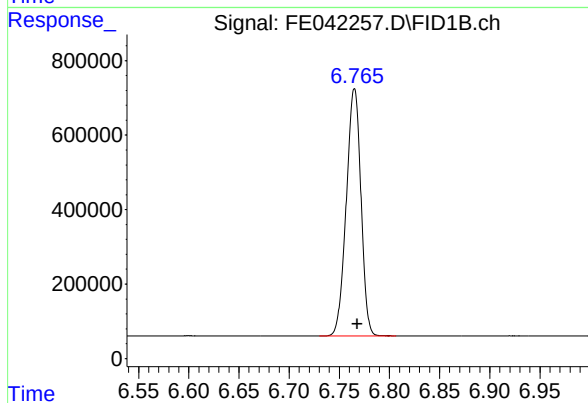
#2 n-Decane (C10)

R.T.: 4.599 min
Delta R.T.: -0.001 min
Response: 6199221
Conc: 41.88 ug/ml



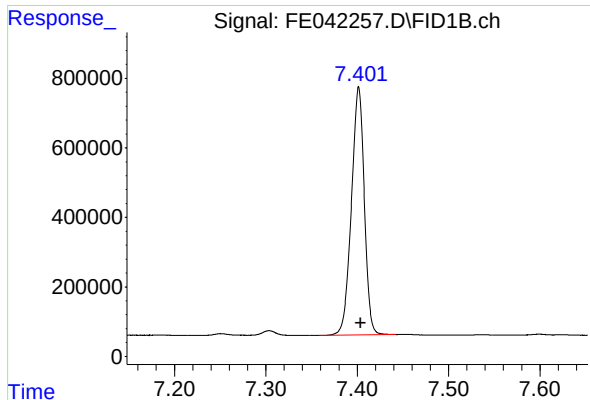
#3 A~Naphthalene (C11.7)

R.T.: 6.305 min
Delta R.T.: -0.002 min
Response: 7076285
Conc: 43.37 ug/ml



#4 n-Dodecane (C12)

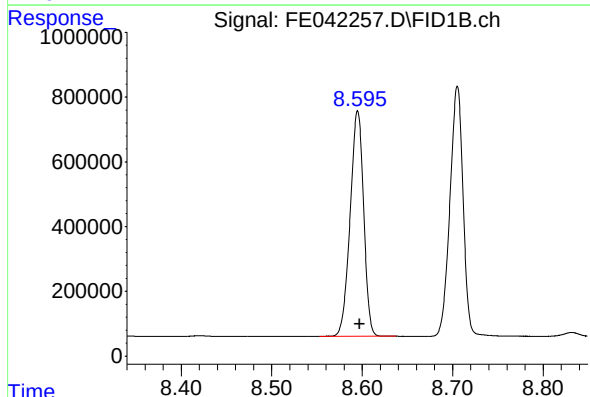
R.T.: 6.765 min
Delta R.T.: -0.003 min
Response: 6749972
Conc: 45.01 ug/ml



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

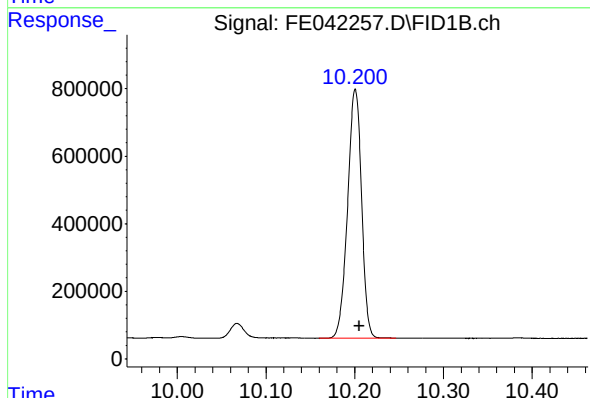
R.T.: 7.402 min
Delta R.T.: -0.002 min
Response: 6990908
Conc: 44.05 ug/ml

Instrument :
FID_E
ClientSampleId :
SU-621-02MS



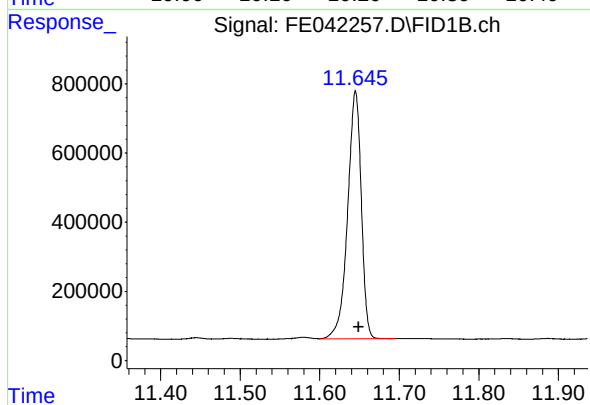
#6 n-Tetradecane (C14)

R.T.: 8.595 min
Delta R.T.: -0.002 min
Response: 7210529
Conc: 48.13 ug/ml



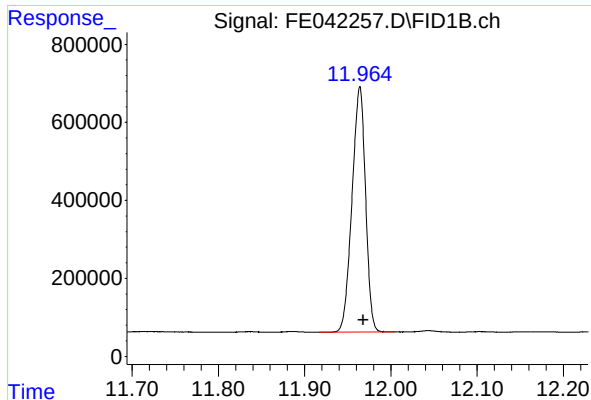
#7 n-Hexadecane (C16)

R.T.: 10.201 min
Delta R.T.: -0.005 min
Response: 8050240
Conc: 51.68 ug/ml



#8 n-Octadecane (C18)

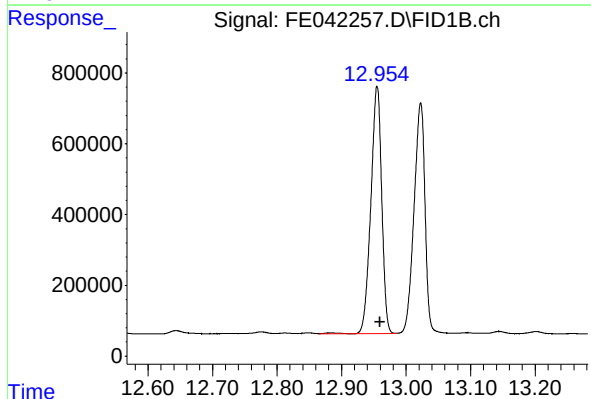
R.T.: 11.645 min
Delta R.T.: -0.004 min
Response: 8533098
Conc: 53.96 ug/ml



#9 ortho-Terphenyl (SURR)

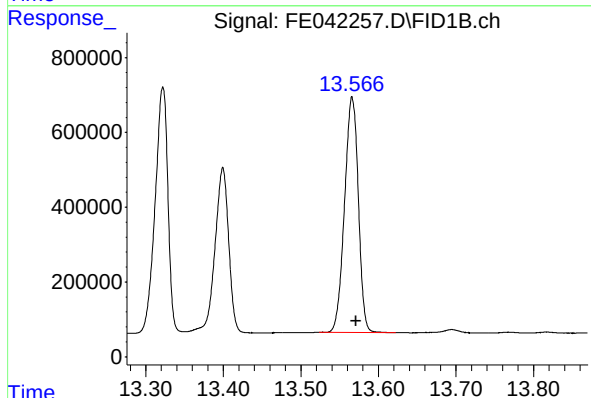
R.T.: 11.964 min
Delta R.T.: -0.004 min
Response: 6851435
Conc: 38.80 ug/ml

Instrument :
FID_E
ClientSampleId :
SU-621-02MS



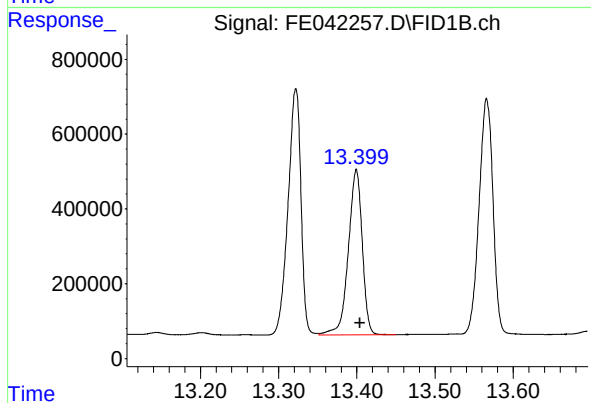
#10 n-Eicosane (C20)

R.T.: 12.955 min
Delta R.T.: -0.004 min
Response: 8186569
Conc: 54.01 ug/ml



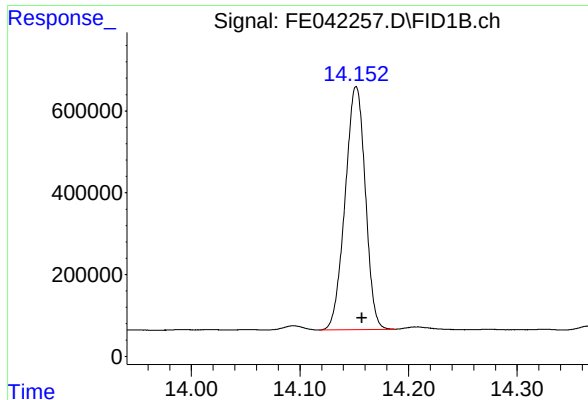
#11 n-Heneicosane (C21)

R.T.: 13.566 min
Delta R.T.: -0.005 min
Response: 7772830
Conc: 52.46 ug/ml



#12 1-chlorooctadecane (SURR)

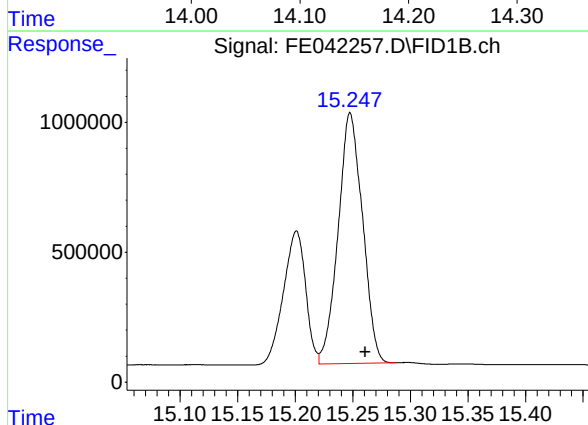
R.T.: 13.399 min
Delta R.T.: -0.005 min
Response: 5459838
Conc: 41.09 ug/ml



#13 n-Docosane (C22)

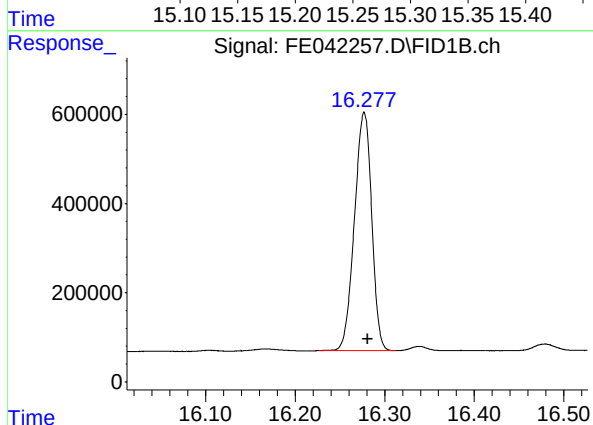
R.T.: 14.152 min
Delta R.T.: -0.005 min
Response: 7687975
Conc: 52.44 ug/ml

Instrument :
FID_E
ClientSampleId :
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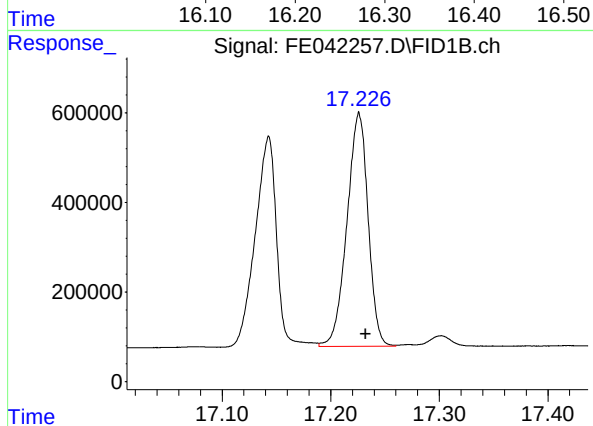
#14 n-Tetracosane (C24)

R.T.: 15.248 min
Delta R.T.: -0.013 min
Response: 14210230
Conc: 98.44 ug/ml



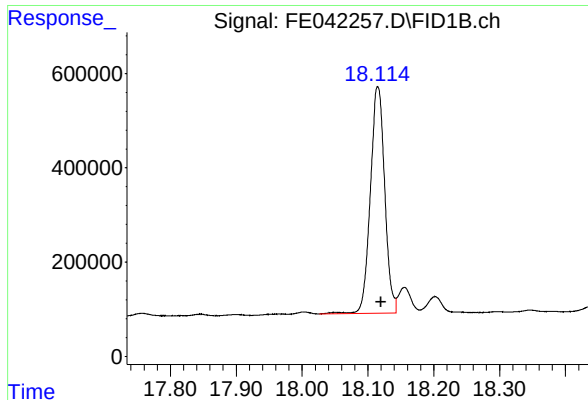
#15 n-Hexacosane (C26)

R.T.: 16.277 min
Delta R.T.: -0.004 min
Response: 7151975
Conc: 51.64 ug/ml



#16 n-Octacosane (C28)

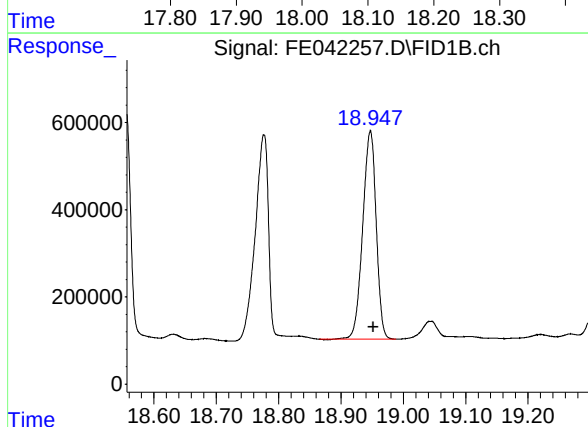
R.T.: 17.226 min
Delta R.T.: -0.006 min
Response: 7073574
Conc: 52.83 ug/ml



#17 n-Tricontane (C30)

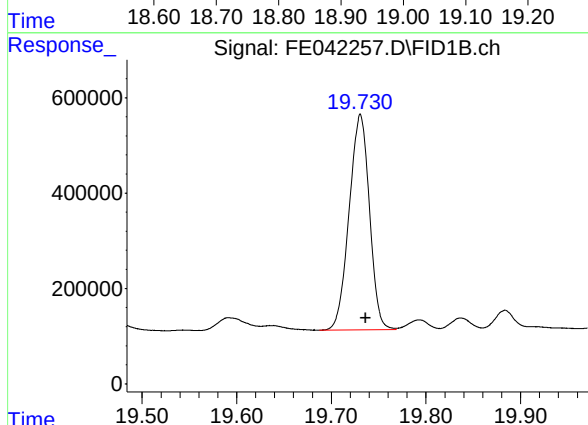
R.T.: 18.115 min
Delta R.T.: -0.005 min
Response: 7271540
Conc: 53.87 ug/ml

Instrument :
FID_E
ClientSampleId :
SU-621-02MS



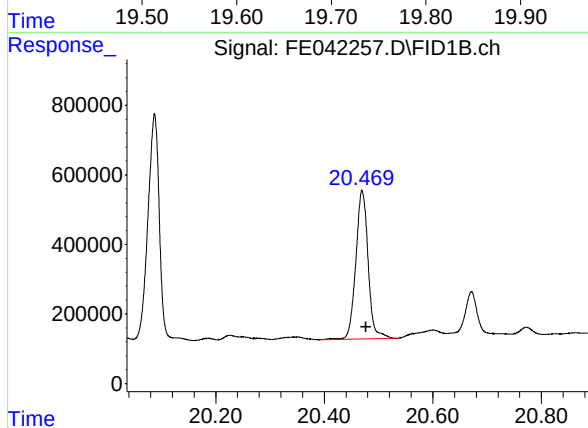
#18 n-Dotriacontane (C32)

R.T.: 18.947 min
Delta R.T.: -0.005 min
Response: 7180001
Conc: 53.75 ug/ml



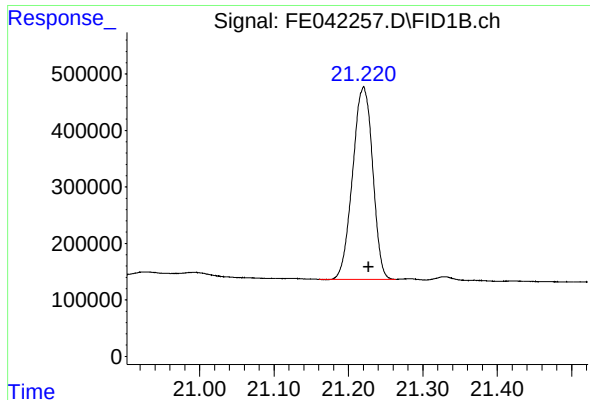
#19 n-Tetatriacontane (C34)

R.T.: 19.731 min
Delta R.T.: -0.006 min
Response: 6740218
Conc: 51.25 ug/ml



#20 n-Hexatriacontane (C36)

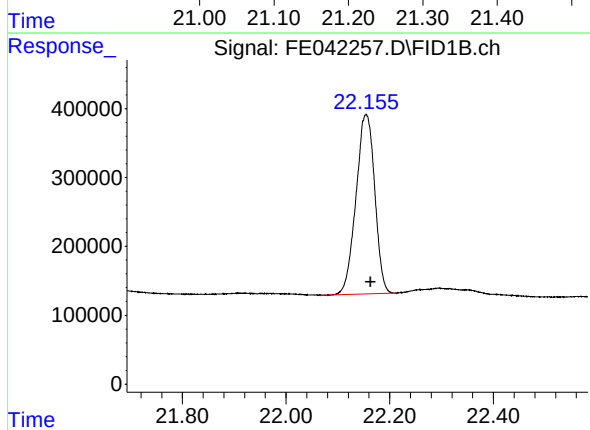
R.T.: 20.470 min
Delta R.T.: -0.007 min
Response: 6729192
Conc: 51.77 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.220 min
Delta R.T.: -0.007 min
Response: 6363021
Conc: 46.90 ug/ml

Instrument :
FID_E
ClientSampleId :
SU-621-02MS



#22 n-Tetracontane (C40)

R.T.: 22.155 min
Delta R.T.: -0.008 min
Response: 6534979
Conc: 46.97 ug/ml