

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE081523AL\
 Data File : FE043958.D
 Signal(s) : FID1B.ch
 Acq On : 15 Aug 2023 15:36
 Operator : YP\AJ
 Sample : PB154833BSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB154833BSD

Integration File: autoint1.e
 Quant Time: Aug 16 01:15:59 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 080323.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 02 09:56:52 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)	11.953	9750819	47.317 ug/ml
Spiked Amount 50.000		Recovery =	94.63%
12) S 1-chlorooctadecane (S...	13.389	7594076	48.665 ug/ml
Spiked Amount 50.000		Recovery =	97.33%
Target Compounds			
1) T n-Nonane (C9)	3.352	7259205	44.952 ug/ml
2) T n-Decane (C10)	4.598	8075516	48.998 ug/ml
3) T A~Naphthalene (C11.7)	6.293	9333572	51.263 ug/ml
4) T n-Dodecane (C12)	6.755	8757141	52.324 ug/ml
5) T A~2-methylnaphthalene...	7.388	9285571	52.158 ug/ml
6) T n-Tetradecane (C14)	8.583	8818410	52.340 ug/ml
7) T n-Hexadecane (C16)	10.189	8916669	50.548 ug/ml
8) T n-Octadecane (C18)	11.635	8955551	49.438 ug/ml
10) T n-Eicosane (C20)	12.944	9019174	50.965 ug/ml
11) T n-Heneicosane (C21)	13.556	8662455	48.923 ug/ml
13) T n-Docosane (C22)	14.143	8541928	48.699 ug/ml
14) T n-Tetracosane (C24)	15.233	16029695	91.233 ug/ml
15) T n-Hexacosane (C26)	16.271	7940801	45.945 ug/ml
16) T n-Octacosane (C28)	17.219	7762914	46.396 ug/ml
17) T n-Tricontane (C30)	18.111	7477202	45.145 ug/ml
18) T n-Dotriacontane (C32)	18.941	7089568	44.901 ug/ml
19) T n-Tetratriacontane (C34)	19.727	6600590	44.419 ug/ml
20) T n-Hexatriacontane (C36)	20.468	6030632	43.144 ug/ml
21) T n-Octatriacontane (C38)	21.213	6047728	45.333 ug/ml
22) T n-Tetracontane (C40)	22.140	6151342	47.675 ug/ml

(f)=RT Delta > 1/2 Window

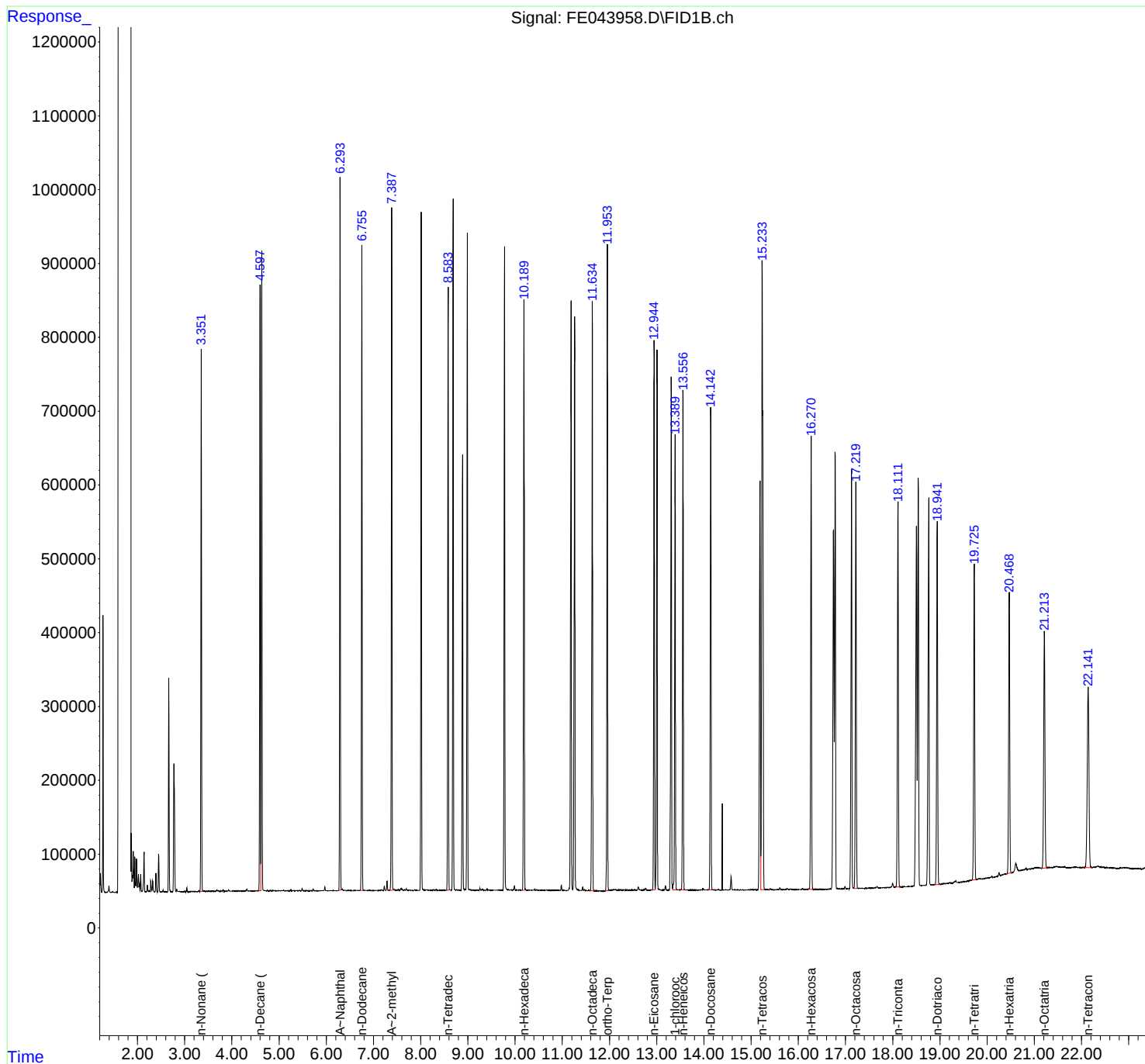
(m)=manual int.

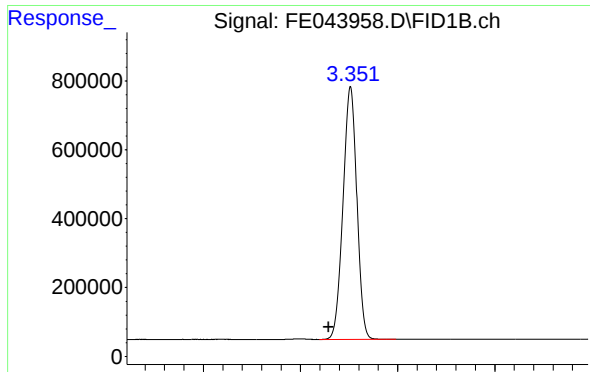
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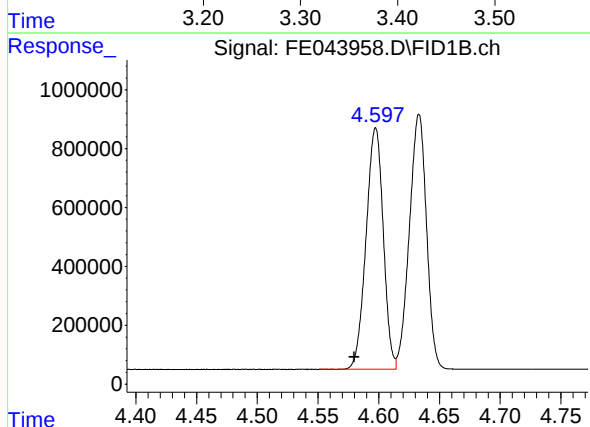




#1 n-Nonane (C9)

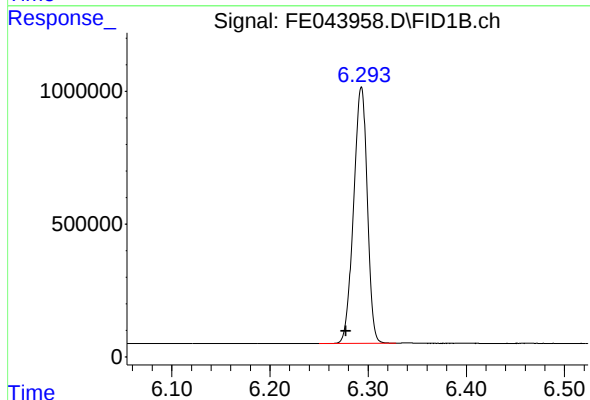
R.T.: 3.352 min
Delta R.T.: 0.023 min
Response: 7259205
Conc: 44.95 ug/ml

Instrument :
FID_E
ClientSampleId :
PB154833BSD



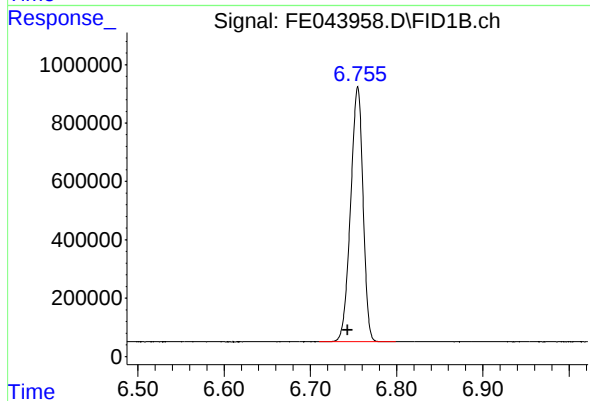
#2 n-Decane (C10)

R.T.: 4.598 min
Delta R.T.: 0.018 min
Response: 8075516
Conc: 49.00 ug/ml



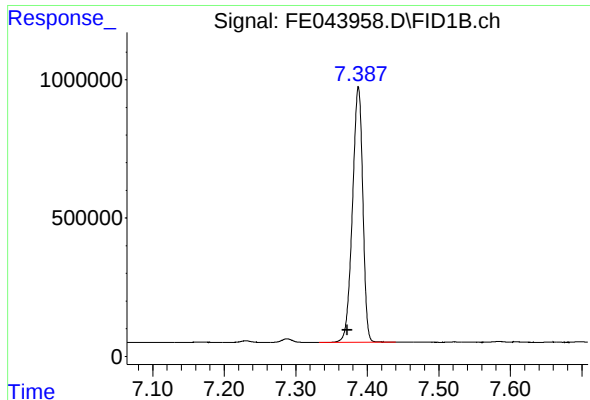
#3 A~Naphthalene (C11.7)

R.T.: 6.293 min
Delta R.T.: 0.016 min
Response: 9333572
Conc: 51.26 ug/ml



#4 n-Dodecane (C12)

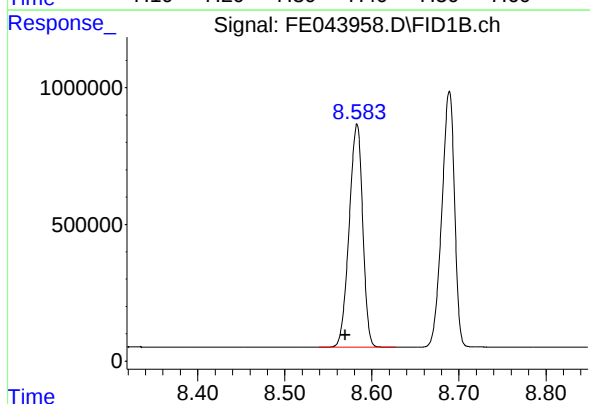
R.T.: 6.755 min
Delta R.T.: 0.012 min
Response: 8757141
Conc: 52.32 ug/ml



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

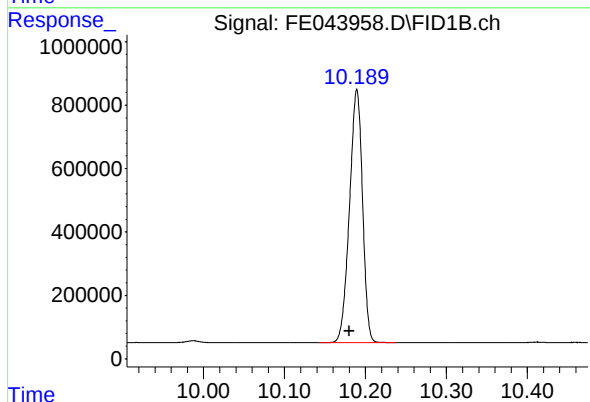
R.T.: 7.388 min
Delta R.T.: 0.016 min
Response: 9285571
Conc: 52.16 ug/ml

Instrument :
FID_E
ClientSampleId :
PB154833BSD



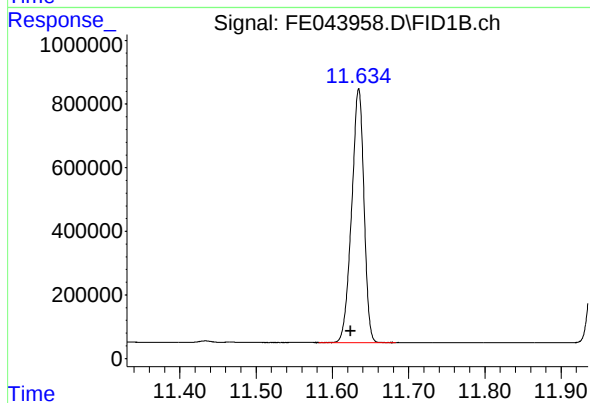
#6 n-Tetradecane (C14)

R.T.: 8.583 min
Delta R.T.: 0.013 min
Response: 8818410
Conc: 52.34 ug/ml



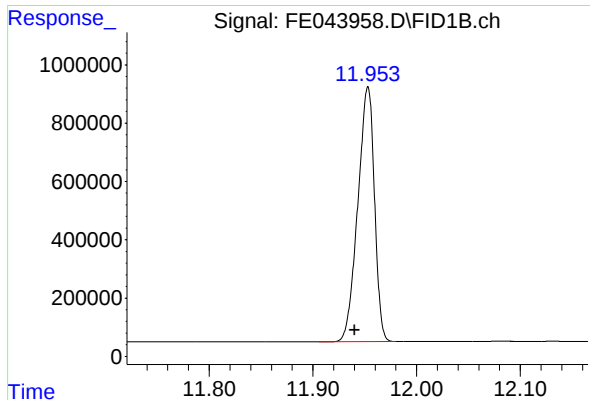
#7 n-Hexadecane (C16)

R.T.: 10.189 min
Delta R.T.: 0.010 min
Response: 8916669
Conc: 50.55 ug/ml



#8 n-Octadecane (C18)

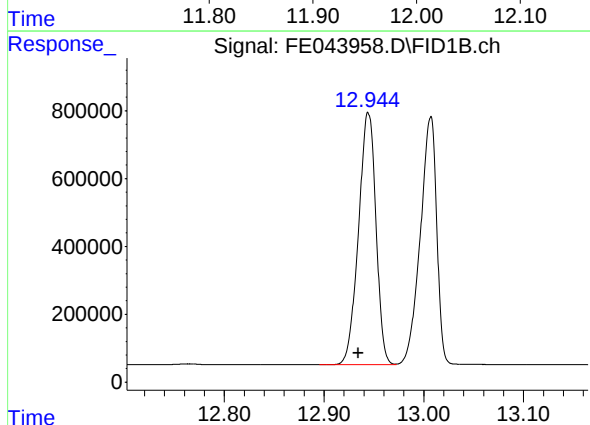
R.T.: 11.635 min
Delta R.T.: 0.011 min
Response: 8955551
Conc: 49.44 ug/ml



#9 ortho-Terphenyl (SURR)

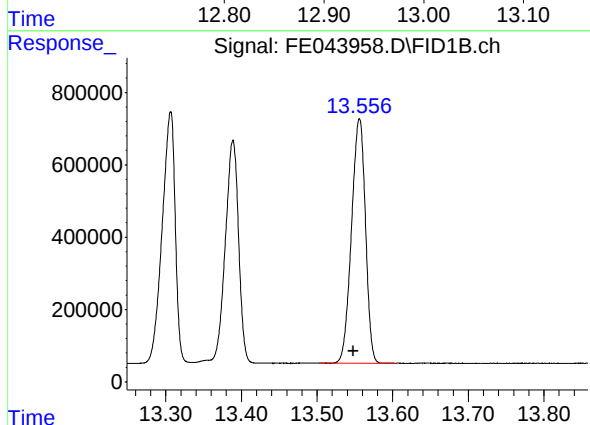
R.T.: 11.953 min
Delta R.T.: 0.013 min
Response: 9750819
Conc: 47.32 ug/ml

Instrument :
FID_E
ClientSampleId :
PB154833BSD



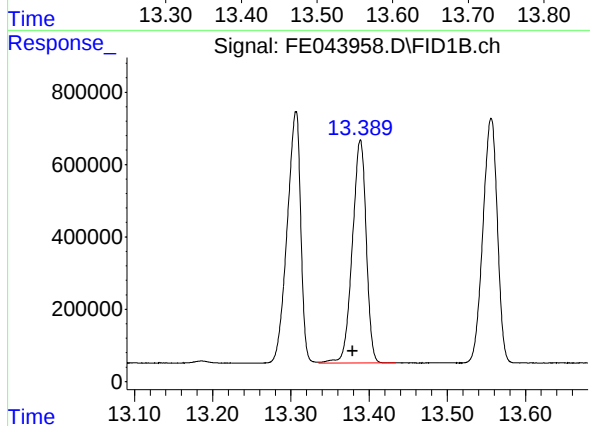
#10 n-Eicosane (C20)

R.T.: 12.944 min
Delta R.T.: 0.010 min
Response: 9019174
Conc: 50.97 ug/ml



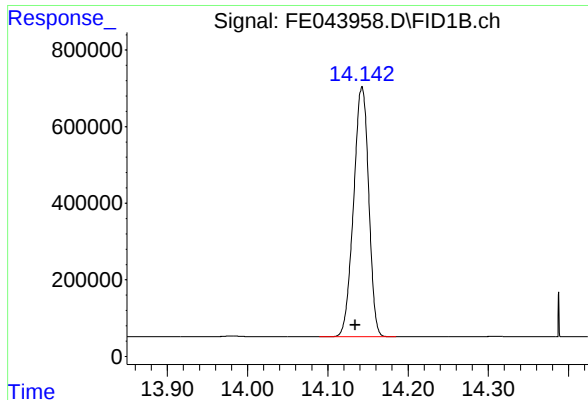
#11 n-Heneicosane (C21)

R.T.: 13.556 min
Delta R.T.: 0.008 min
Response: 8662455
Conc: 48.92 ug/ml



#12 1-chlorooctadecane (SURR)

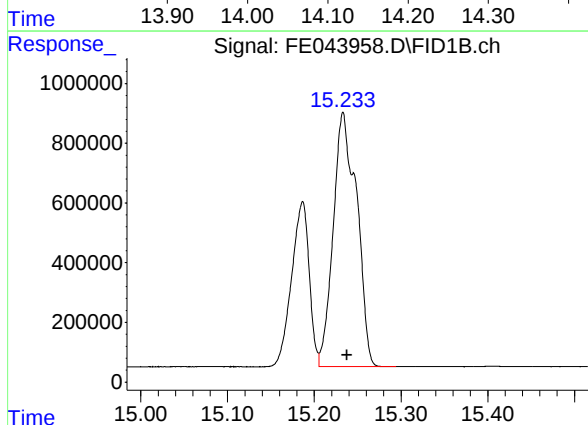
R.T.: 13.389 min
Delta R.T.: 0.010 min
Response: 7594076
Conc: 48.67 ug/ml



#13 n-Docosane (C22)

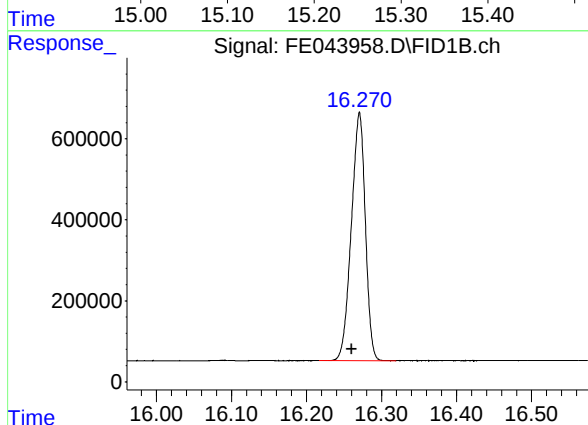
R.T.: 14.143 min
Delta R.T.: 0.008 min
Response: 8541928
Conc: 48.70 ug/ml

Instrument :
FID_E
ClientSampleId :
PB154833BSD



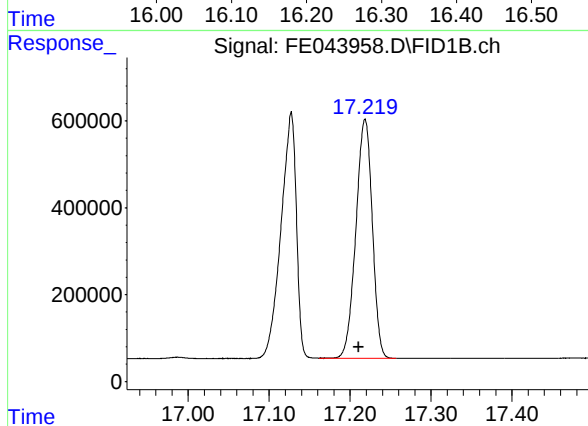
#14 n-Tetracosane (C24)

R.T.: 15.233 min
Delta R.T.: -0.005 min
Response: 16029695
Conc: 91.23 ug/ml



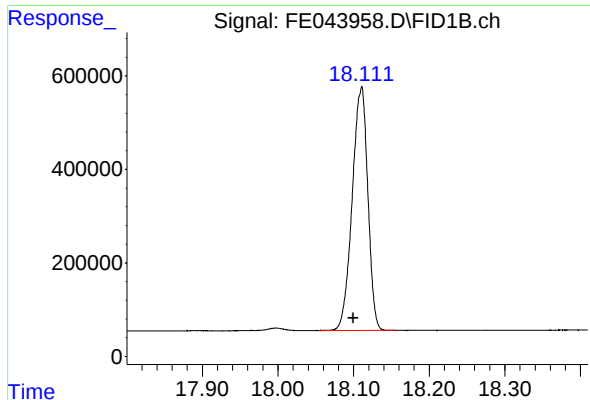
#15 n-Hexacosane (C26)

R.T.: 16.271 min
Delta R.T.: 0.010 min
Response: 7940801
Conc: 45.94 ug/ml



#16 n-Octacosane (C28)

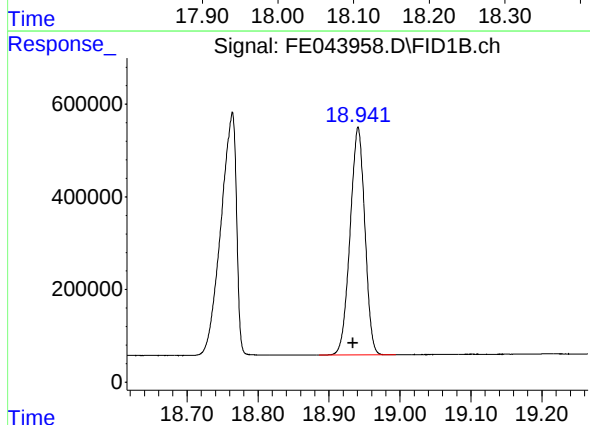
R.T.: 17.219 min
Delta R.T.: 0.008 min
Response: 7762914
Conc: 46.40 ug/ml



#17 n-Tricontane (C30)

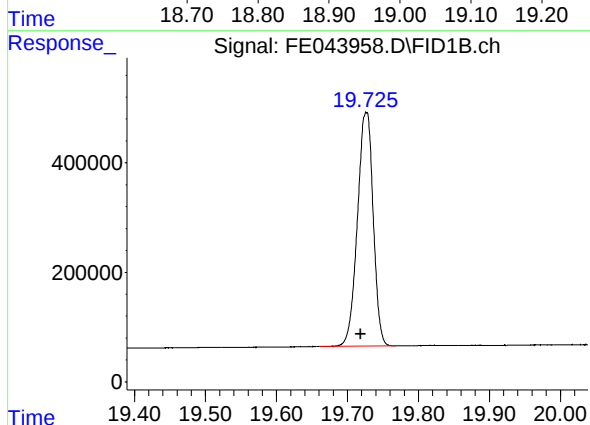
R.T.: 18.111 min
Delta R.T.: 0.011 min
Response: 7477202
Conc: 45.14 ug/ml

Instrument :
FID_E
ClientSampleId :
PB154833BSD



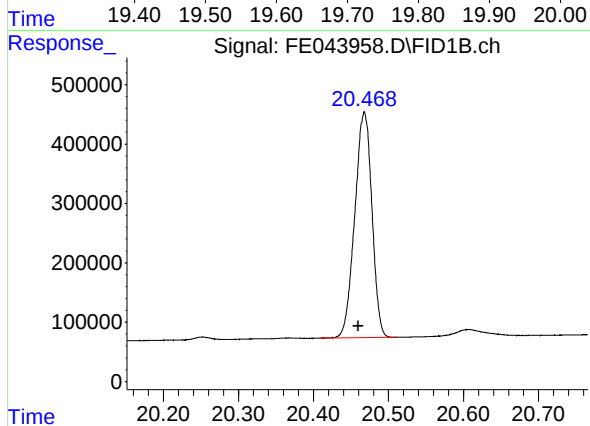
#18 n-Dotriacontane (C32)

R.T.: 18.941 min
Delta R.T.: 0.007 min
Response: 7089568
Conc: 44.90 ug/ml



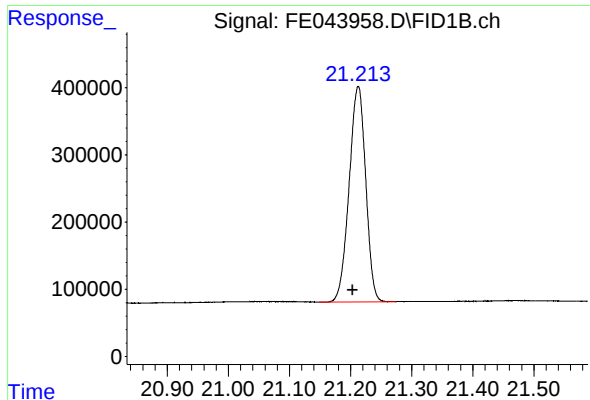
#19 n-Tetratriacontane (C34)

R.T.: 19.727 min
Delta R.T.: 0.008 min
Response: 6600590
Conc: 44.42 ug/ml



#20 n-Hexatriacontane (C36)

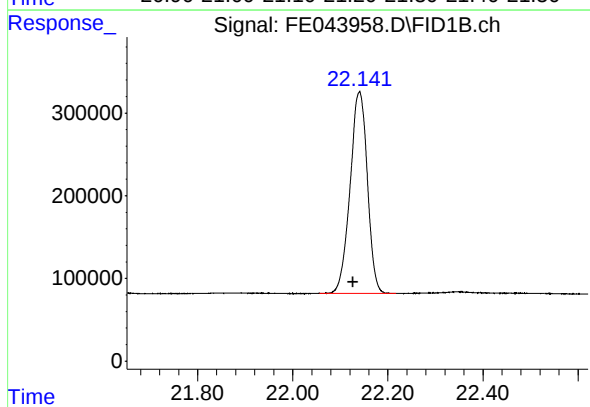
R.T.: 20.468 min
Delta R.T.: 0.008 min
Response: 6030632
Conc: 43.14 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.213 min
Delta R.T.: 0.009 min
Response: 6047728
Conc: 45.33 ug/ml

Instrument :
FID_E
ClientSampleId :
PB154833BSD



#22 n-Tetracontane (C40)

R.T.: 22.140 min
Delta R.T.: 0.014 min
Response: 6151342
Conc: 47.67 ug/ml