

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE102524AL\
 Data File : FE050834.D
 Signal(s) : FID1B.ch
 Acq On : 25 Oct 2024 13:45
 Operator : YP\AJ
 Sample : PB164395BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB164395BS

Integration File: autoint1.e
 Quant Time: Oct 26 01:35:14 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 100824.M
 Quant Title : GC Extractables
 QLast Update : Mon Oct 07 16:32:18 2024
 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)	11.858	6505665	41.265 ug/ml
Spiked Amount 50.000		Recovery =	82.53%
12) S 1-chlorooctadecane (S...	13.291	5554548	46.956 ug/ml
Spiked Amount 50.000		Recovery =	93.91%
Target Compounds			
1) T n-Nonane (C9)	3.255	6234133	44.123 ug/ml
2) T n-Decane (C10)	4.501	6696584	46.674 ug/ml
3) T A~Naphthalene (C11.7)	6.208	7837435	54.811 ug/ml
4) T n-Dodecane (C12)	6.664	7517543	52.229 ug/ml
5) T A~2-methylnaphthalene...	7.304	7563458	57.091 ug/ml
6) T n-Tetradecane (C14)	8.493	8015202	56.024 ug/ml
7) T n-Hexadecane (C16)	10.097	8035875	54.603 ug/ml
8) T n-Octadecane (C18)	11.539	8171014	54.703 ug/ml
10) T n-Eicosane (C20)	12.847	8162068	56.918 ug/ml
11) T n-Heneicosane (C21)	13.457	7910745	56.331 ug/ml
13) T n-Docosane (C22)	14.043	7803368	55.621 ug/ml
14) T n-Tetracosane (C24)	15.144	15587384	110.332 ug/ml
15) T n-Hexacosane (C26)	16.166	7730149	54.934 ug/ml
16) T n-Octacosane (C28)	17.113	8944614	61.126 ug/ml
17) T n-Tricontane (C30)	18.000	8006300	50.353 ug/ml
18) T n-Dotriacontane (C32)	18.831	8051053	49.663 ug/ml
19) T n-Tetratriacontane (C34)	19.615	8531545	58.081 ug/ml
20) T n-Hexatriacontane (C36)	20.355	8664353	68.323 ug/ml
21) T n-Octatriacontane (C38)	21.080	8983727	72.656 ug/ml
22) T n-Tetracontane (C40)	21.965	8484669	76.198 ug/ml

(f)=RT Delta > 1/2 Window

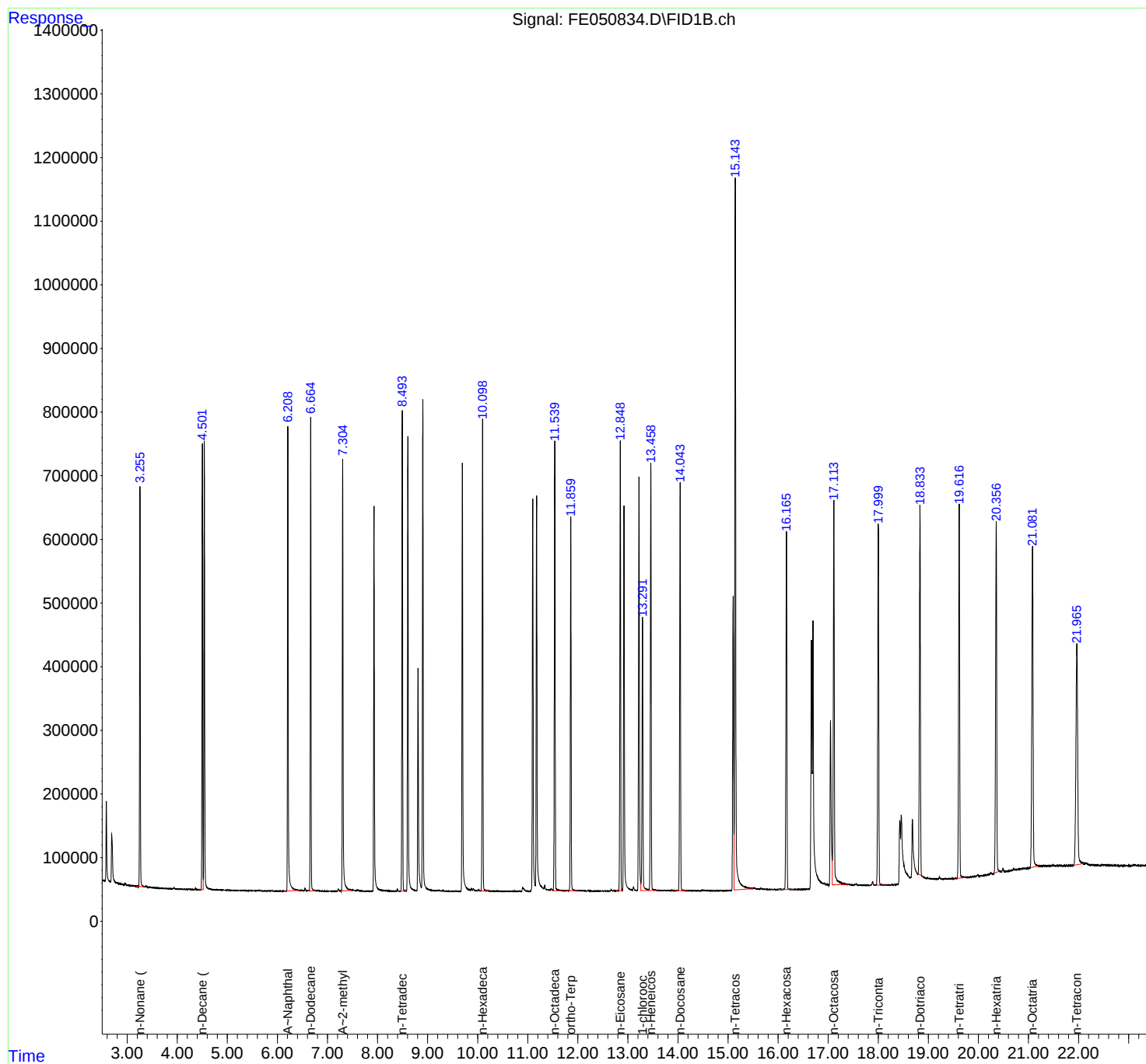
(m)=manual int.

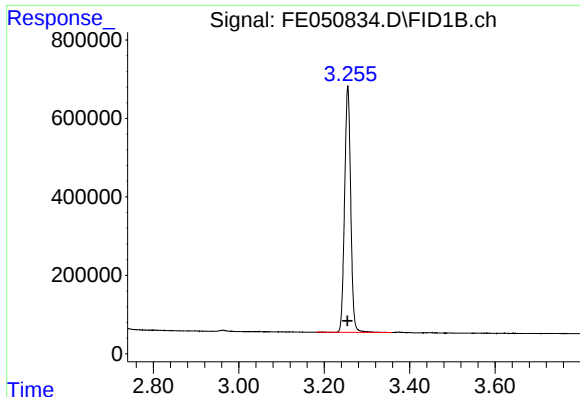
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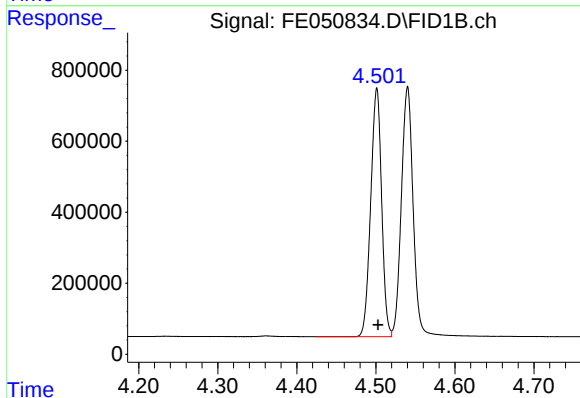




#1 n-Nonane (C9)

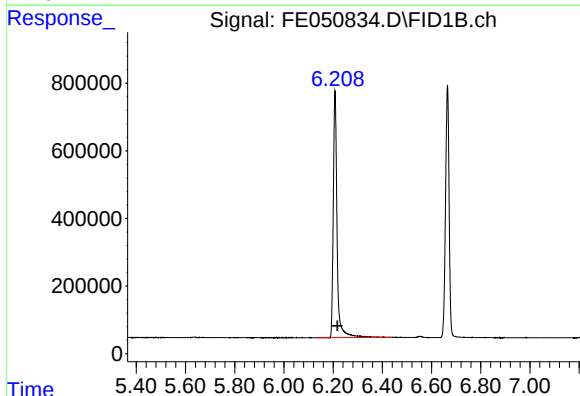
R.T.: 3.255 min
Delta R.T.: 0.001 min
Response: 6234133
Conc: 44.12 ug/ml

Instrument :
FID_E
ClientSampleId :
PB164395BS



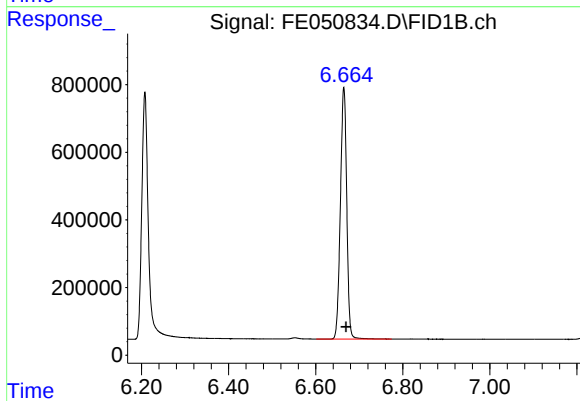
#2 n-Decane (C10)

R.T.: 4.501 min
Delta R.T.: -0.002 min
Response: 6696584
Conc: 46.67 ug/ml



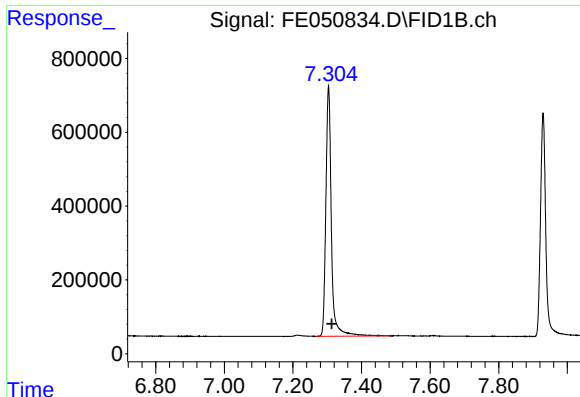
#3 A~Naphthalene (C11.7)

R.T.: 6.208 min
Delta R.T.: -0.009 min
Response: 7837435
Conc: 54.81 ug/ml



#4 n-Dodecane (C12)

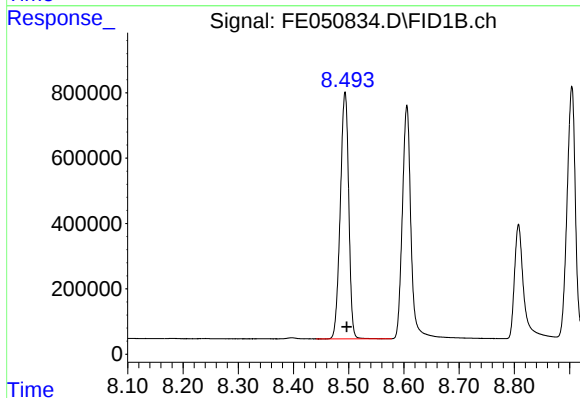
R.T.: 6.664 min
Delta R.T.: -0.005 min
Response: 7517543
Conc: 52.23 ug/ml



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

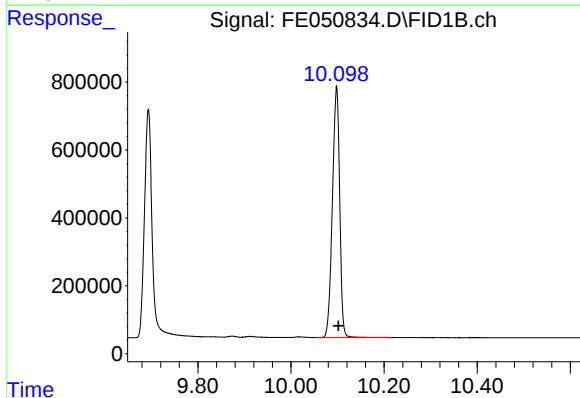
R.T.: 7.304 min
Delta R.T.: -0.009 min
Response: 7563458
Conc: 57.09 ug/ml

Instrument :
FID_E
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PB164395BS



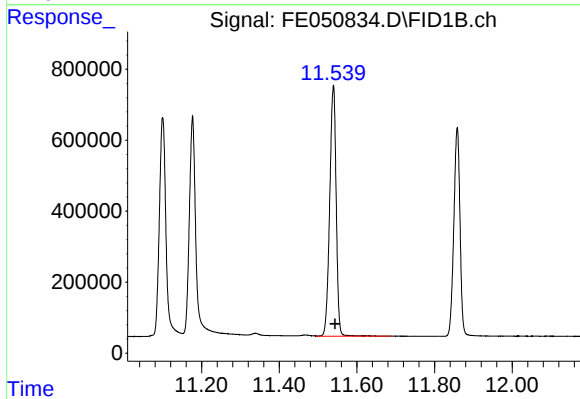
#6 n-Tetradecane (C14)

R.T.: 8.493 min
Delta R.T.: -0.004 min
Response: 8015202
Conc: 56.02 ug/ml



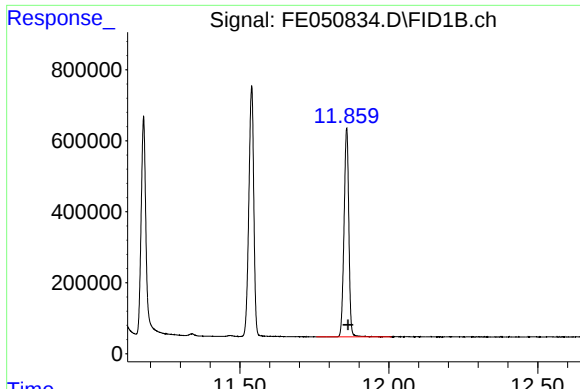
#7 n-Hexadecane (C16)

R.T.: 10.097 min
Delta R.T.: -0.005 min
Response: 8035875
Conc: 54.60 ug/ml



#8 n-Octadecane (C18)

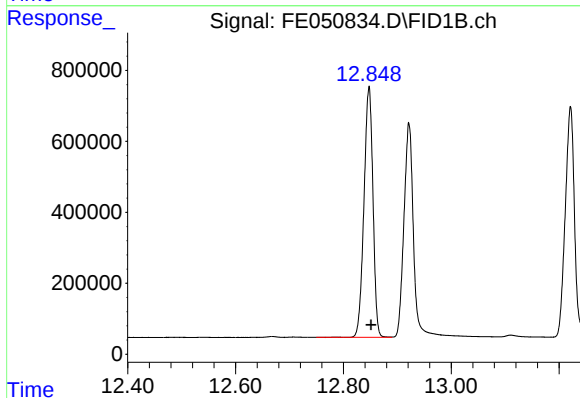
R.T.: 11.539 min
Delta R.T.: -0.005 min
Response: 8171014
Conc: 54.70 ug/ml



#9 ortho-Terphenyl (SURR)

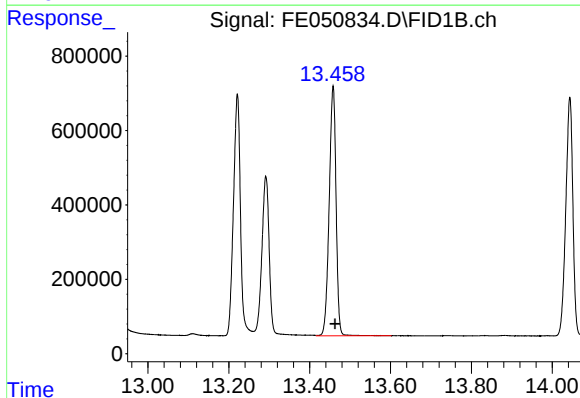
R.T.: 11.858 min
Delta R.T.: -0.005 min
Response: 6505665
Conc: 41.27 ug/ml

Instrument :
FID_E
ClientSampleId :
PB164395BS



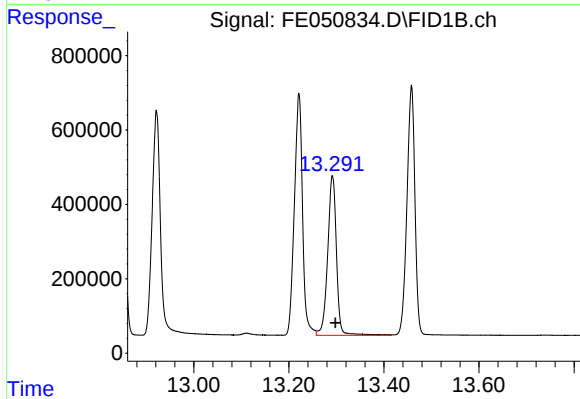
#10 n-Eicosane (C20)

R.T.: 12.847 min
Delta R.T.: -0.004 min
Response: 8162068
Conc: 56.92 ug/ml



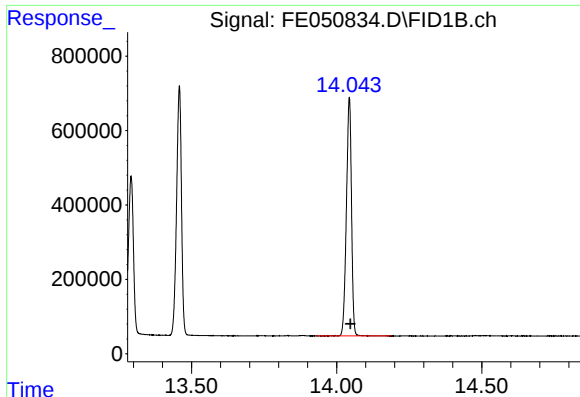
#11 n-Heneicosane (C21)

R.T.: 13.457 min
Delta R.T.: -0.005 min
Response: 7910745
Conc: 56.33 ug/ml



#12 1-chlorooctadecane (SURR)

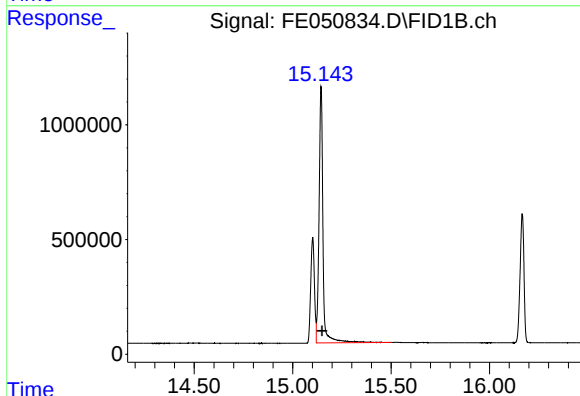
R.T.: 13.291 min
Delta R.T.: -0.007 min
Response: 5554548
Conc: 46.96 ug/ml



#13 n-Docosane (C22)

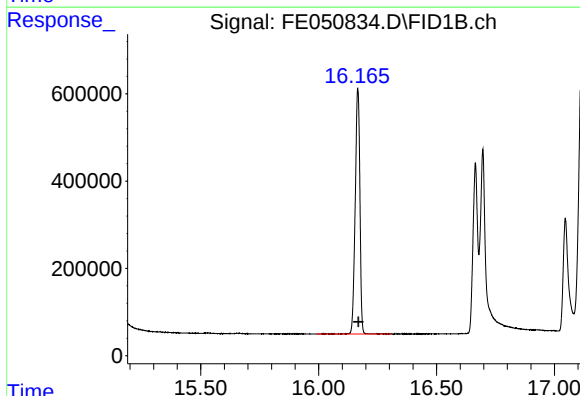
R.T.: 14.043 min
Delta R.T.: -0.005 min
Response: 7803368
Conc: 55.62 ug/ml

Instrument :
FID_E
ClientSampleId :
PB164395BS



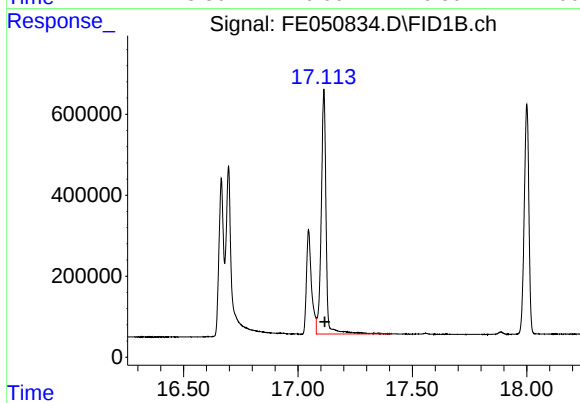
#14 n-Tetracosane (C24)

R.T.: 15.144 min
Delta R.T.: -0.006 min
Response: 15587384
Conc: 110.33 ug/ml



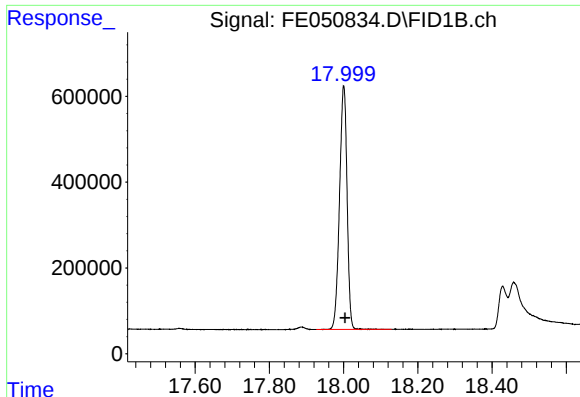
#15 n-Hexacosane (C26)

R.T.: 16.166 min
Delta R.T.: -0.004 min
Response: 7730149
Conc: 54.93 ug/ml



#16 n-Octacosane (C28)

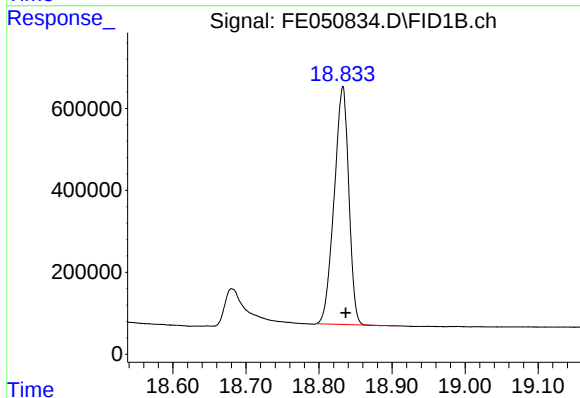
R.T.: 17.113 min
Delta R.T.: -0.005 min
Response: 8944614
Conc: 61.13 ug/ml



#17 n-Tricontane (C30)

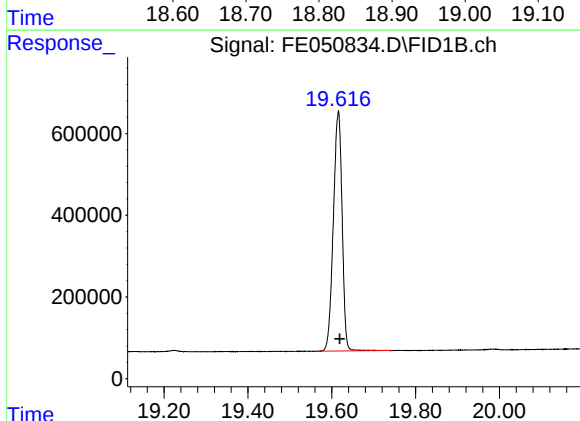
R.T.: 18.000 min
Delta R.T.: -0.004 min
Response: 8006300
Conc: 50.35 ug/ml

Instrument :
FID_E
ClientSampleId :
PB164395BS



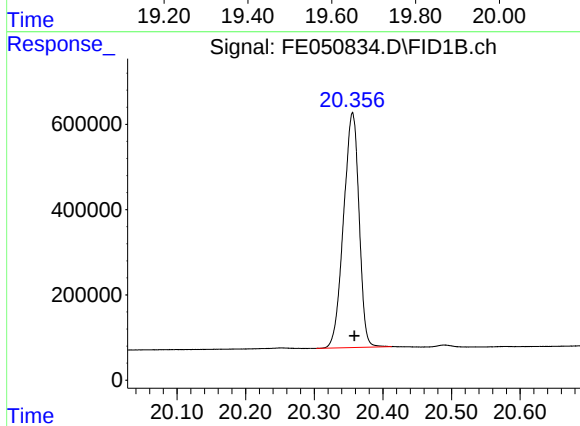
#18 n-Dotriacontane (C32)

R.T.: 18.831 min
Delta R.T.: -0.005 min
Response: 8051053
Conc: 49.66 ug/ml



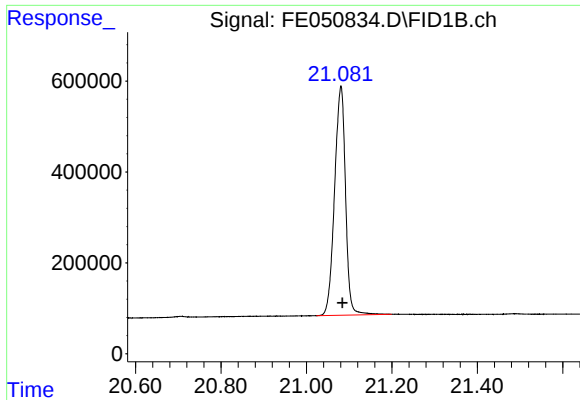
#19 n-Tetratriacontane (C34)

R.T.: 19.615 min
Delta R.T.: -0.004 min
Response: 8531545
Conc: 58.08 ug/ml



#20 n-Hexatriacontane (C36)

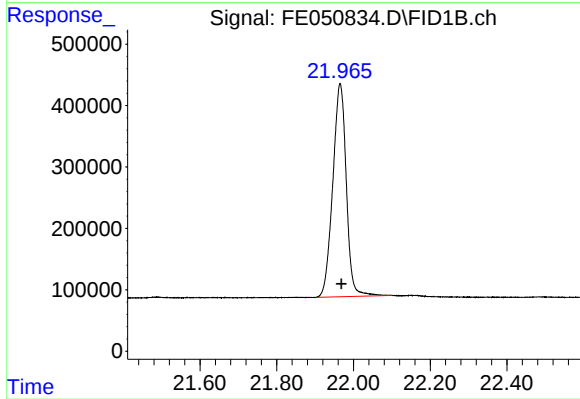
R.T.: 20.355 min
Delta R.T.: -0.003 min
Response: 8664353
Conc: 68.32 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.080 min
Delta R.T.: -0.004 min
Response: 8983727
Conc: 72.66 ug/ml

Instrument :
FID_E
ClientSampleId :
PB164395BS



#22 n-Tetracontane (C40)

R.T.: 21.965 min
Delta R.T.: -0.004 min
Response: 8484669
Conc: 76.20 ug/ml