

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE030425AL\
 Data File : FE052586.D
 Signal(s) : FID1B.ch
 Acq On : 04 Mar 2025 14:18
 Operator : YP\AJ
 Sample : PB166965BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB166965BS

Integration File: sample.E
 Quant Time: Mar 05 05:05:48 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 030325.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 03 13:39:39 2025
 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)	11.912	6286351	37.289 ug/ml
Spiked Amount 50.000		Recovery =	74.58%
12) S 1-chlorooctadecane (S...	13.356	4736400	39.006 ug/ml
Spiked Amount 50.000		Recovery =	78.01%
Target Compounds			
1) T n-Nonane (C9)	3.263	5689979	36.698 ug/ml
2) T n-Decane (C10)	4.520	6115520	38.929 ug/ml
3) T A~Naphthalene (C11.7)	6.228	6883559	40.589 ug/ml
4) T n-Dodecane (C12)	6.696	6316100	40.566 ug/ml
5) T A~2-methylnaphthalene...	7.330	6302552	38.891 ug/ml
6) T n-Tetradecane (C14)	8.534	6285642	41.542 ug/ml
7) T n-Hexadecane (C16)	10.147	6135850	40.133 ug/ml
8) T n-Octadecane (C18)	11.596	6084454	39.992 ug/ml
10) T n-Eicosane (C20)	12.911	6132738	42.244 ug/ml
11) T n-Heneicosane (C21)	13.524	5876421	41.288 ug/ml
13) T n-Docosane (C22)	14.112	5841099	41.045 ug/ml
14) T n-Tetracosane (C24)	15.205	11896169	83.127 ug/ml
15) T n-Hexacosane (C26)	16.244	5718547	40.216 ug/ml
16) T n-Octacosane (C28)	17.195	5735452	40.335 ug/ml
17) T n-Tricontane (C30)	18.086	5712307	38.675 ug/ml
18) T n-Dotriacontane (C32)	18.920	5660812	38.992 ug/ml
19) T n-Tetratriacontane (C34)	19.705	5712878	42.387 ug/ml
20) T n-Hexatriacontane (C36)	20.448	5501016	46.296 ug/ml
21) T n-Octatriacontane (C38)	21.189	5512468	49.690 ug/ml
22) T n-Tetracontane (C40)	22.109	5514445	51.005 ug/ml

(f)=RT Delta > 1/2 Window

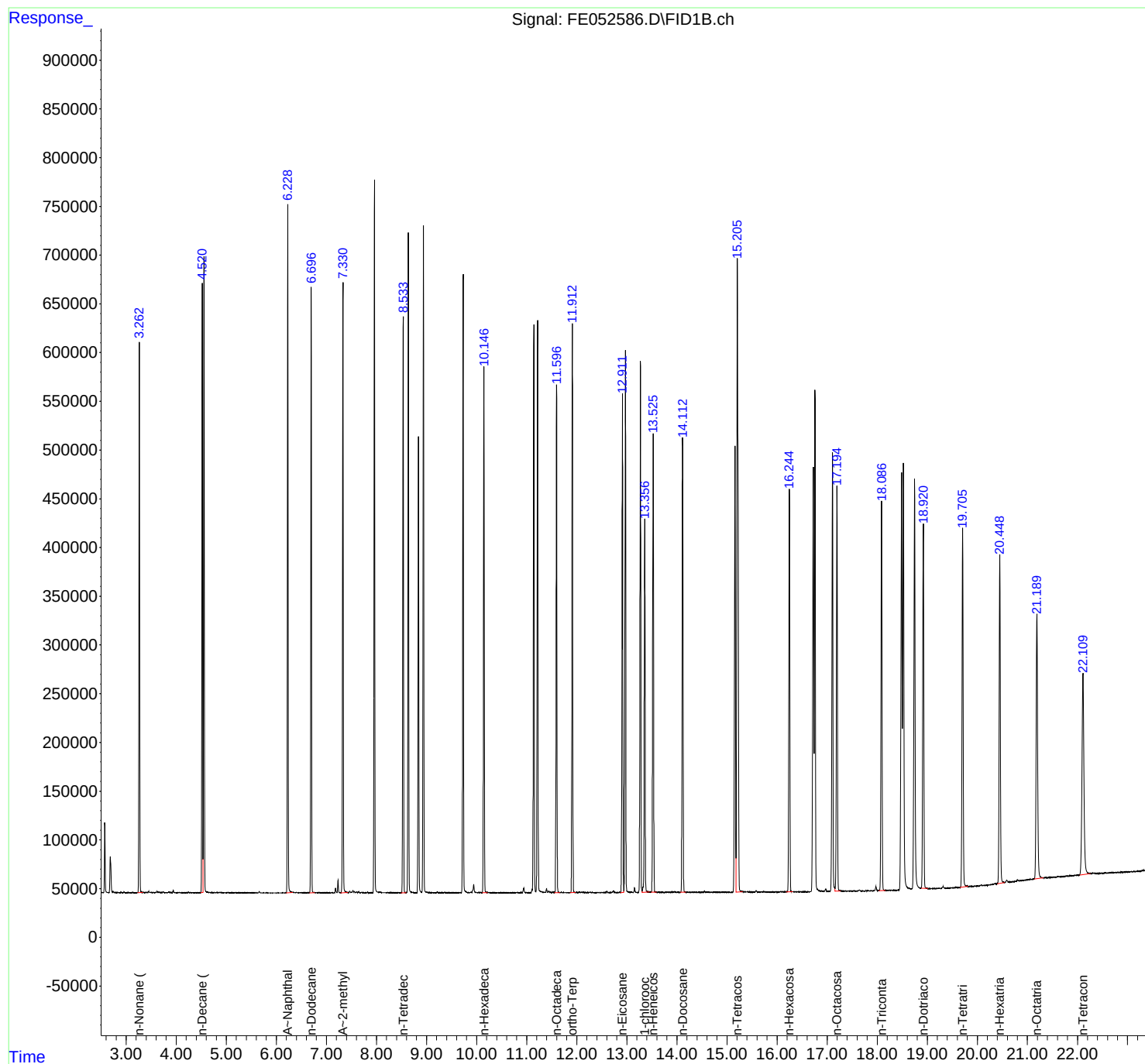
(m)=manual int.

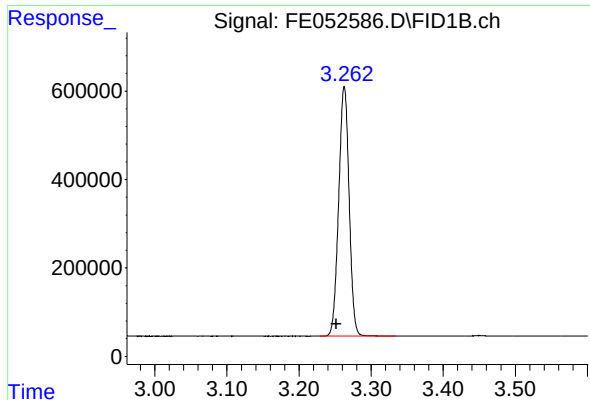
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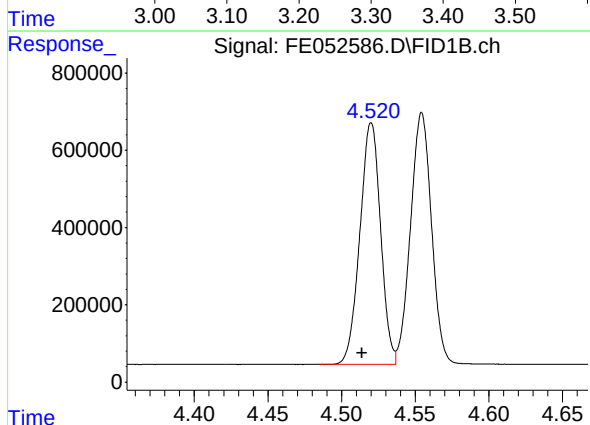




#1 n-Nonane (C9)

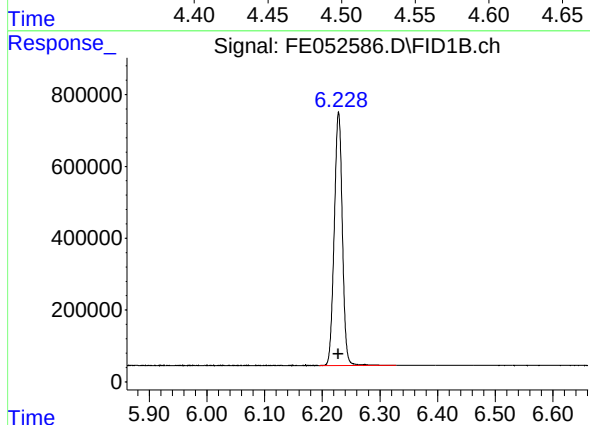
R.T.: 3.263 min
Delta R.T.: 0.011 min
Response: 5689979
Conc: 36.70 ug/ml

Instrument :
FID_E
ClientSampleId :
PB166965BS



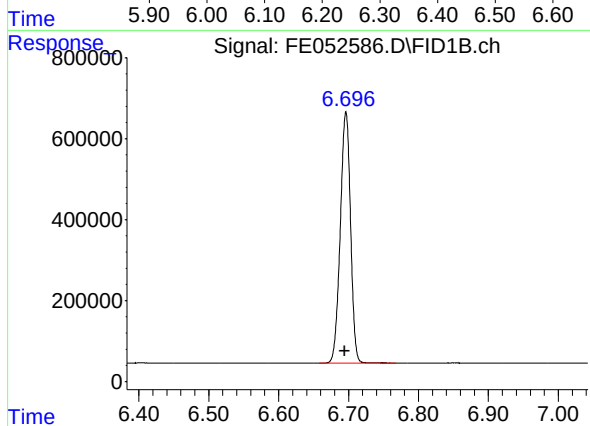
#2 n-Decane (C10)

R.T.: 4.520 min
Delta R.T.: 0.006 min
Response: 6115520
Conc: 38.93 ug/ml



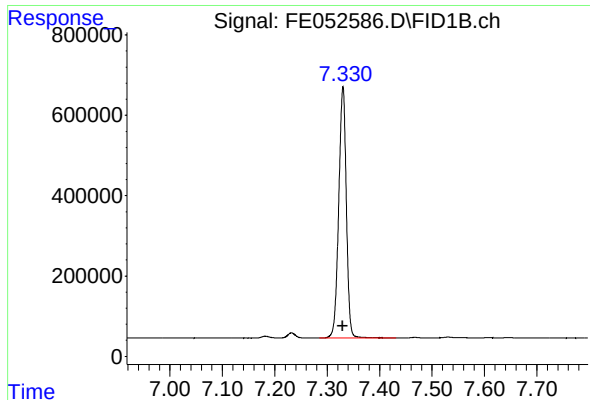
#3 A~Naphthalene (C11.7)

R.T.: 6.228 min
Delta R.T.: 0.000 min
Response: 6883559
Conc: 40.59 ug/ml



#4 n-Dodecane (C12)

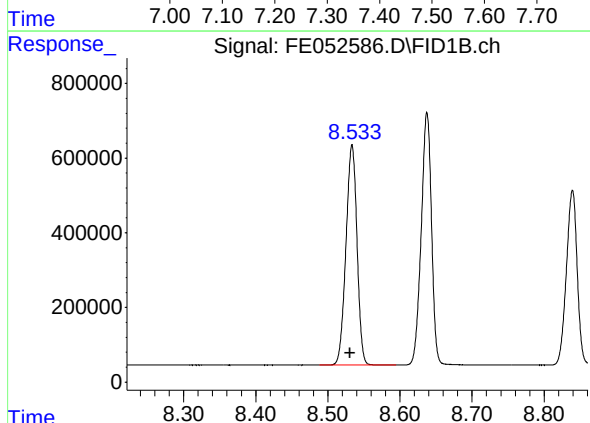
R.T.: 6.696 min
Delta R.T.: 0.002 min
Response: 6316100
Conc: 40.57 ug/ml



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

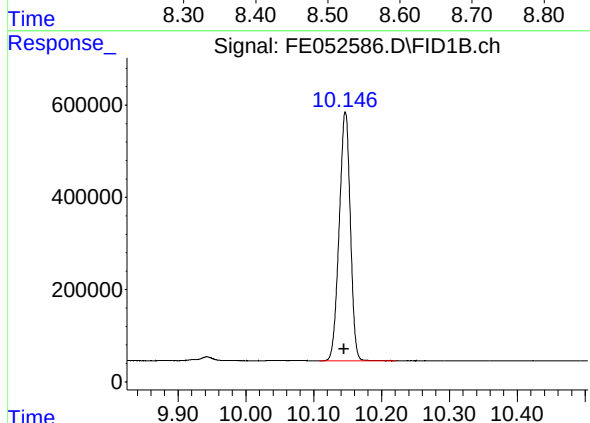
R.T.: 7.330 min
Delta R.T.: 0.000 min
Response: 6302552
Conc: 38.89 ug/ml

Instrument :
FID_E
ClientSampleId :
PB166965BS



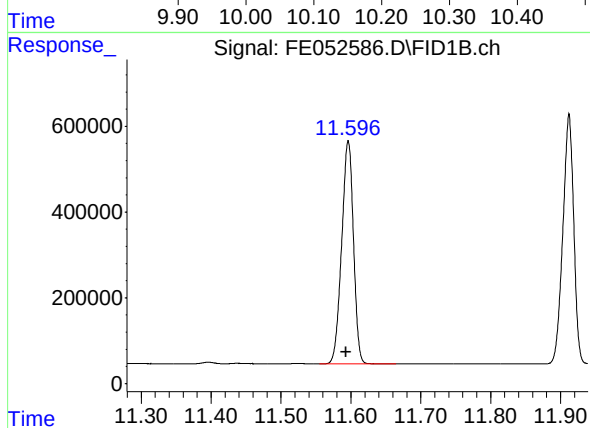
#6 n-Tetradecane (C14)

R.T.: 8.534 min
Delta R.T.: 0.003 min
Response: 6285642
Conc: 41.54 ug/ml



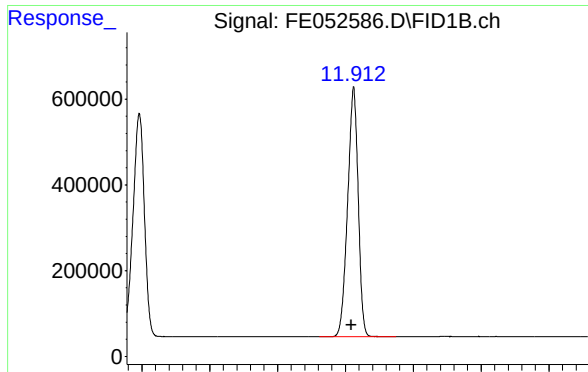
#7 n-Hexadecane (C16)

R.T.: 10.147 min
Delta R.T.: 0.002 min
Response: 6135850
Conc: 40.13 ug/ml



#8 n-Octadecane (C18)

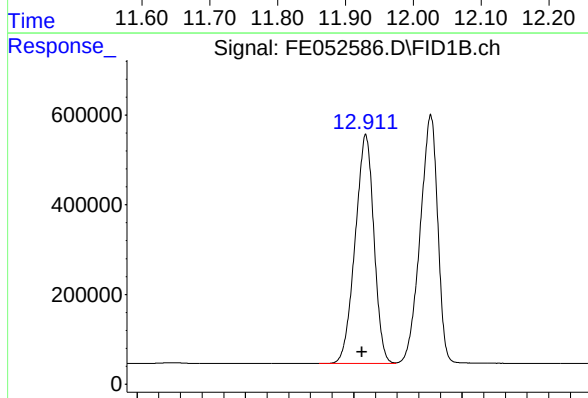
R.T.: 11.596 min
Delta R.T.: 0.003 min
Response: 6084454
Conc: 39.99 ug/ml



#9 ortho-Terphenyl (SURR)

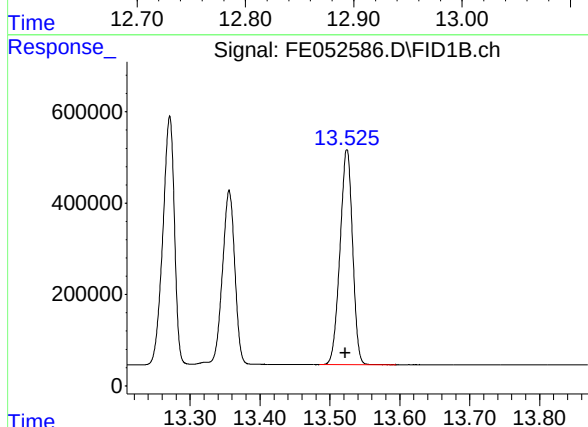
R.T.: 11.912 min
Delta R.T.: 0.003 min
Response: 6286351
Conc: 37.29 ug/ml

Instrument :
FID_E
ClientSampleId :
PB166965BS



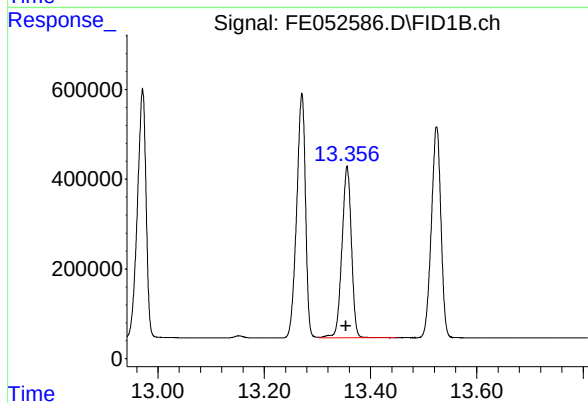
#10 n-Eicosane (C20)

R.T.: 12.911 min
Delta R.T.: 0.003 min
Response: 6132738
Conc: 42.24 ug/ml



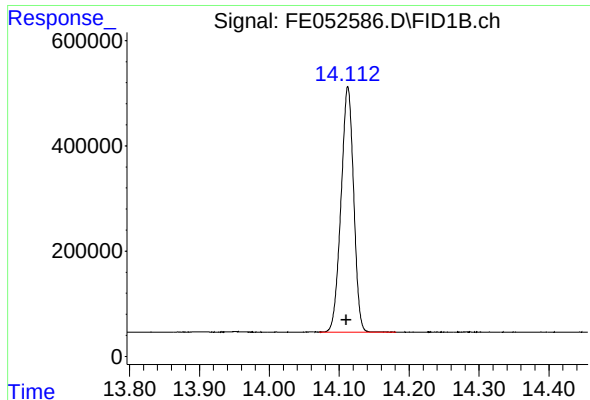
#11 n-Heneicosane (C21)

R.T.: 13.524 min
Delta R.T.: 0.002 min
Response: 5876421
Conc: 41.29 ug/ml



#12 1-chlorooctadecane (SURR)

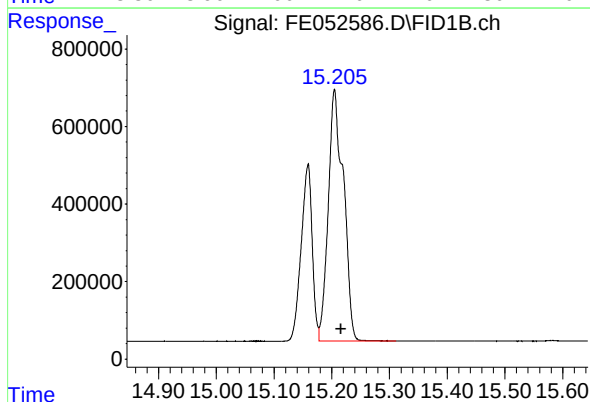
R.T.: 13.356 min
Delta R.T.: 0.002 min
Response: 4736400
Conc: 39.01 ug/ml



#13 n-Docosane (C22)

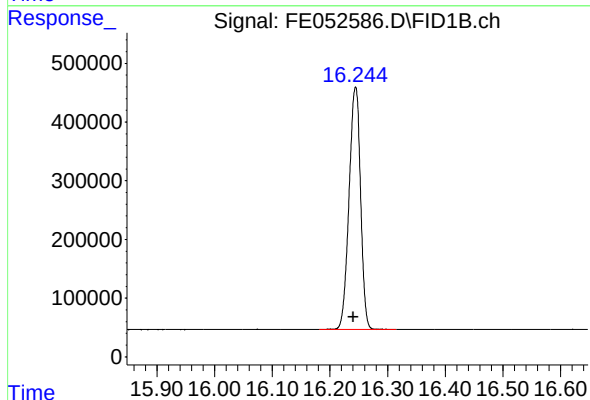
R.T.: 14.112 min
Delta R.T.: 0.002 min
Response: 5841099
Conc: 41.05 ug/ml

Instrument :
FID_E
ClientSampleId :
PB166965BS



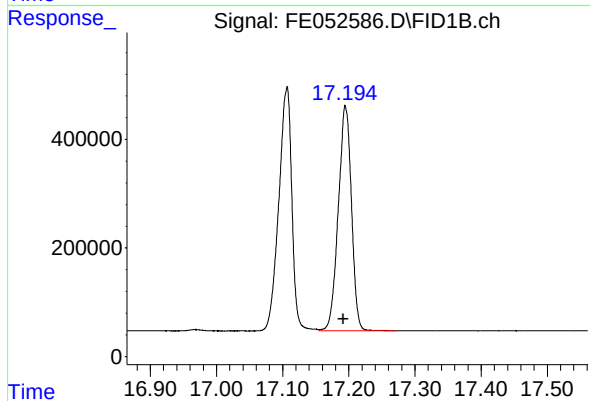
#14 n-Tetracosane (C24)

R.T.: 15.205 min
Delta R.T.: -0.011 min
Response: 11896169
Conc: 83.13 ug/ml



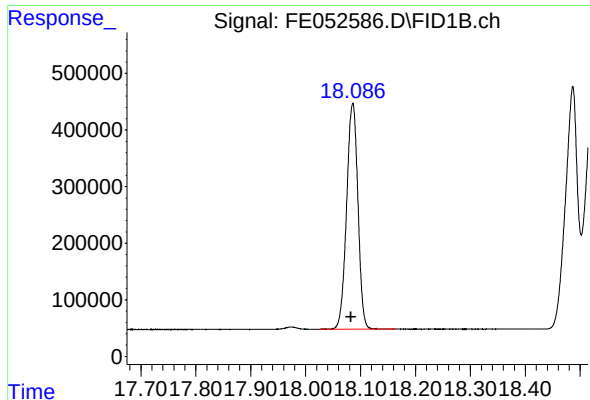
#15 n-Hexacosane (C26)

R.T.: 16.244 min
Delta R.T.: 0.004 min
Response: 5718547
Conc: 40.22 ug/ml



#16 n-Octacosane (C28)

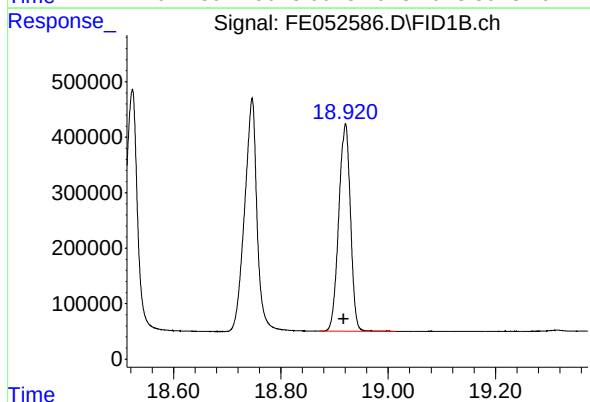
R.T.: 17.195 min
Delta R.T.: 0.003 min
Response: 5735452
Conc: 40.34 ug/ml



#17 n-Tricontane (C30)

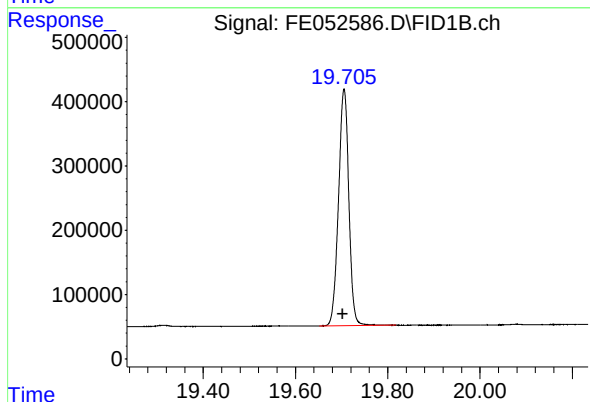
R.T.: 18.086 min
Delta R.T.: 0.003 min
Response: 5712307
Conc: 38.67 ug/ml

Instrument :
FID_E
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PB166965BS



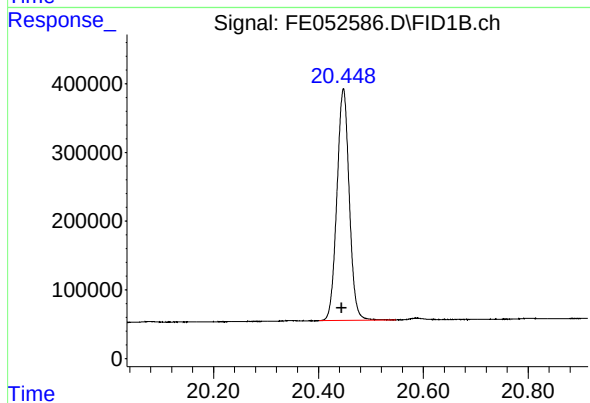
#18 n-Dotriacontane (C32)

R.T.: 18.920 min
Delta R.T.: 0.003 min
Response: 5660812
Conc: 38.99 ug/ml



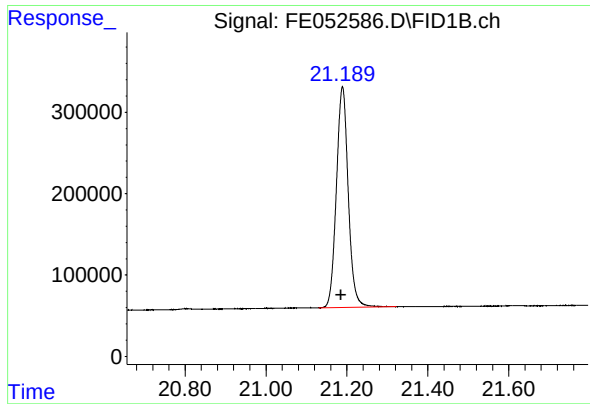
#19 n-Tetratriacontane (C34)

R.T.: 19.705 min
Delta R.T.: 0.003 min
Response: 5712878
Conc: 42.39 ug/ml



#20 n-Hexatriacontane (C36)

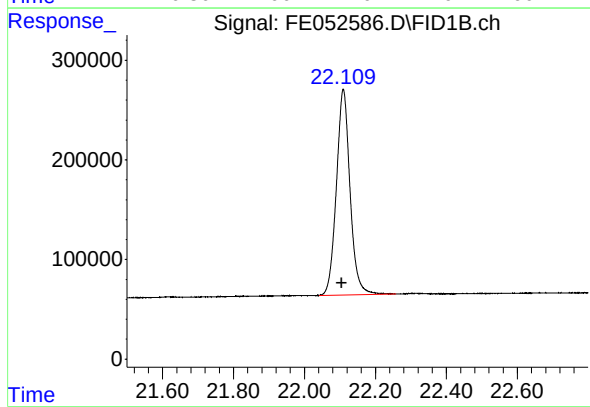
R.T.: 20.448 min
Delta R.T.: 0.003 min
Response: 5501016
Conc: 46.30 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.189 min
Delta R.T.: 0.004 min
Response: 5512468
Conc: 49.69 ug/ml

Instrument :
FID_E
ClientSampleId :
PB166965BS



#22 n-Tetracontane (C40)

R.T.: 22.109 min
Delta R.T.: 0.005 min
Response: 5514445
Conc: 51.00 ug/ml