

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE040125AL\
 Data File : FE053096.D
 Signal(s) : FID1B.ch
 Acq On : 01 Apr 2025 16:26
 Operator : YP\AJ
 Sample : PB167403BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB167403BSD

Integration File: autoint1.e
 Quant Time: Apr 02 04:46:33 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032925.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 31 02:44:53 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)	11.896	6498487	39.897 ug/ml
Spiked Amount 50.000		Recovery =	79.79%
12) S 1-chlorooctadecane (S...	13.340	4920661	40.990 ug/ml
Spiked Amount 50.000		Recovery =	81.98%
Target Compounds			
1) T n-Nonane (C9)	3.244	5741108	37.078 ug/ml
2) T n-Decane (C10)	4.505	6116357	38.993 ug/ml
3) T A~Naphthalene (C11.7)	6.214	6772461	40.315 ug/ml
4) T n-Dodecane (C12)	6.682	6392279	40.872 ug/ml
5) T A~2-methylnaphthalene...	7.316	6154701	38.573 ug/ml
6) T n-Tetradecane (C14)	8.519	6329045	41.335 ug/ml
7) T n-Hexadecane (C16)	10.132	6294965	40.837 ug/ml
8) T n-Octadecane (C18)	11.581	6116162	40.327 ug/ml
10) T n-Eicosane (C20)	12.895	6163204	43.228 ug/ml
11) T n-Heneicosane (C21)	13.509	5882748	42.392 ug/ml
13) T n-Docosane (C22)	14.097	5818481	42.484 ug/ml
14) T n-Tetracosane (C24)	15.191	12156069	90.006 ug/ml
15) T n-Hexacosane (C26)	16.227	5722534	42.895 ug/ml
16) T n-Octacosane (C28)	17.178	5956348	45.135 ug/ml
17) T n-Tricontane (C30)	18.069	5805990	42.836 ug/ml
18) T n-Dotriacontane (C32)	18.903	5759535	42.802 ug/ml
19) T n-Tetratriacontane (C34)	19.689	5986621	46.266 ug/ml
20) T n-Hexatriacontane (C36)	20.431	5903806	49.700 ug/ml
21) T n-Octatriacontane (C38)	21.172	6084452	52.937 ug/ml
22) T n-Tetracontane (C40)	22.086	5868457	52.251 ug/ml

(f)=RT Delta > 1/2 Window

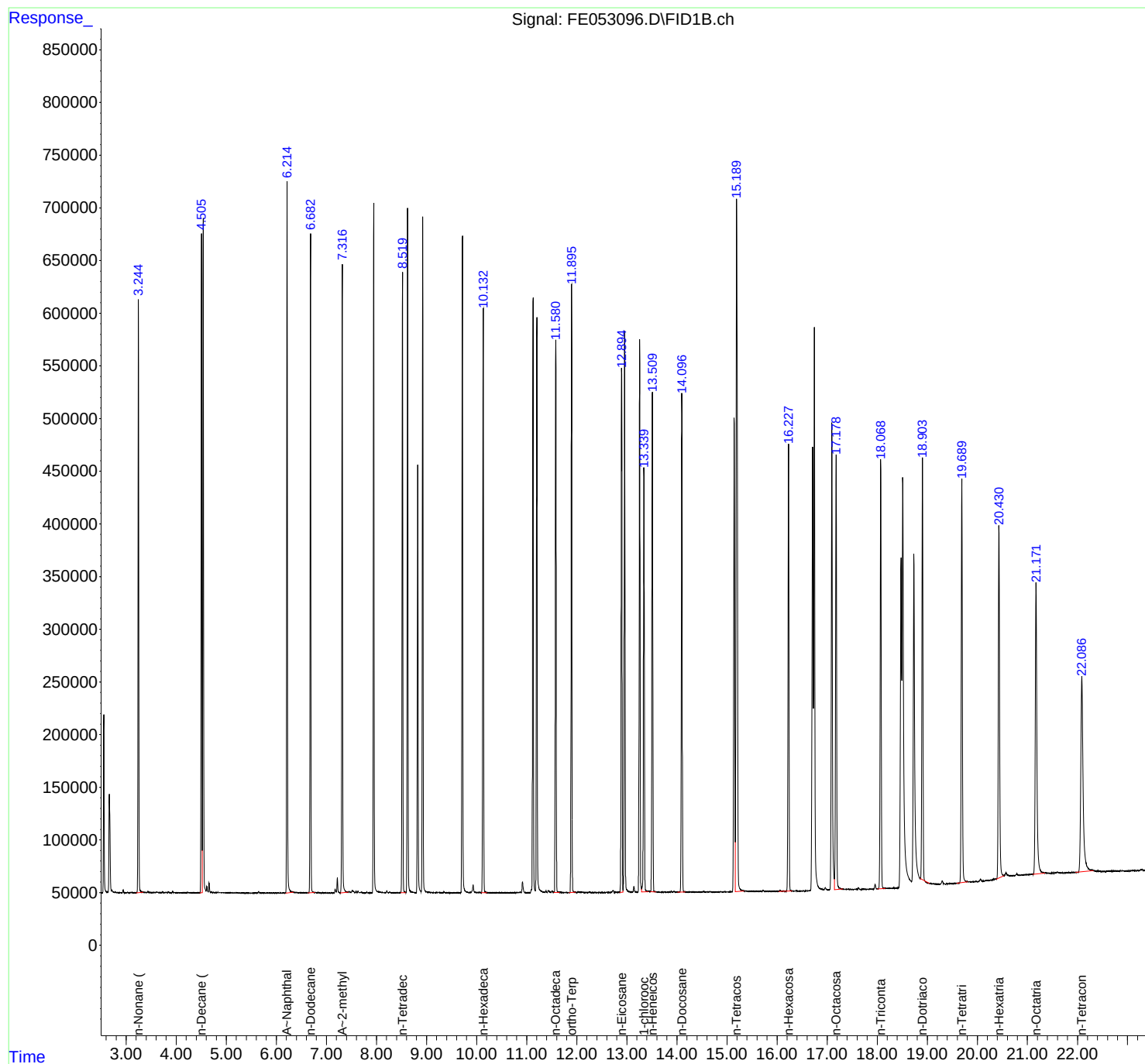
(m)=manual int.

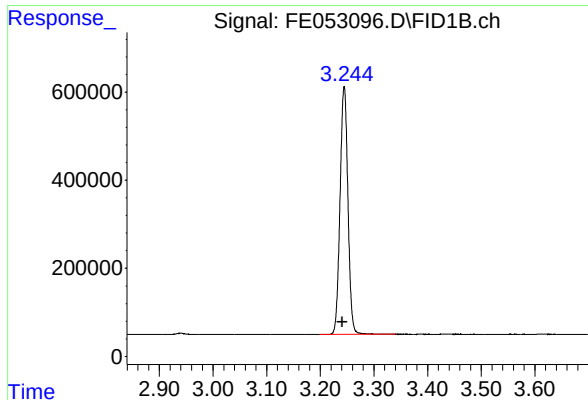
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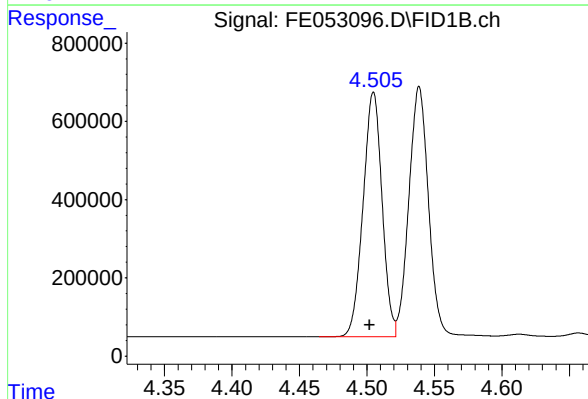




#1 n-Nonane (C9)

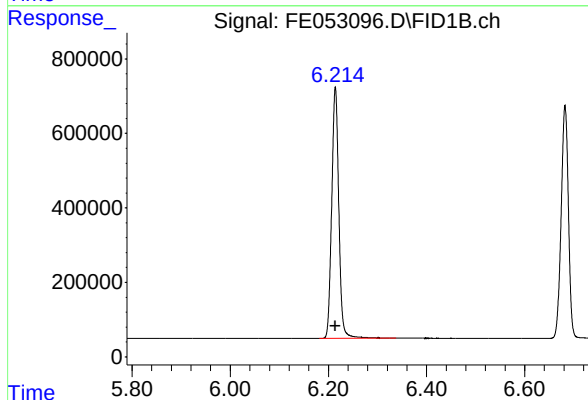
R.T.: 3.244 min
Delta R.T.: 0.003 min
Response: 5741108
Conc: 37.08 ug/ml

Instrument :
FID_E
ClientSampleId :
PB167403BSD



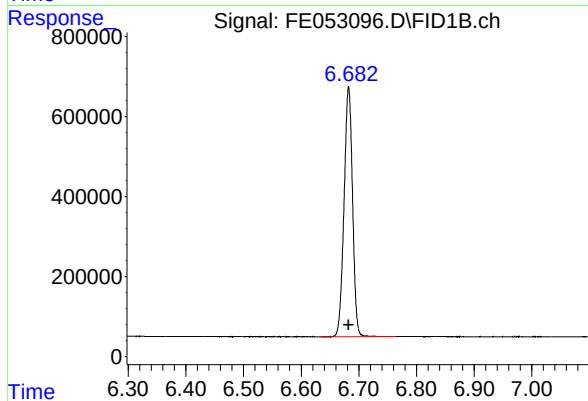
#2 n-Decane (C10)

R.T.: 4.505 min
Delta R.T.: 0.003 min
Response: 6116357
Conc: 38.99 ug/ml



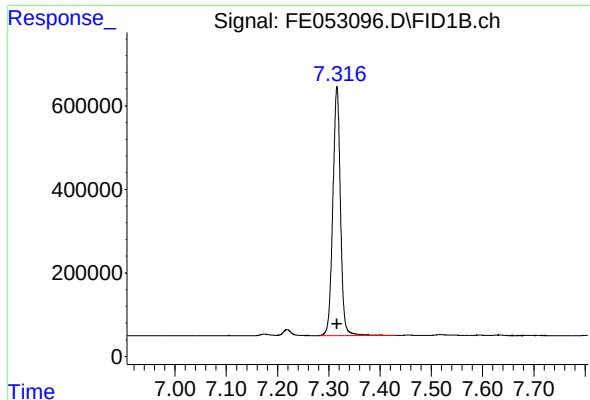
#3 A~Naphthalene (C11.7)

R.T.: 6.214 min
Delta R.T.: 0.000 min
Response: 6772461
Conc: 40.31 ug/ml



#4 n-Dodecane (C12)

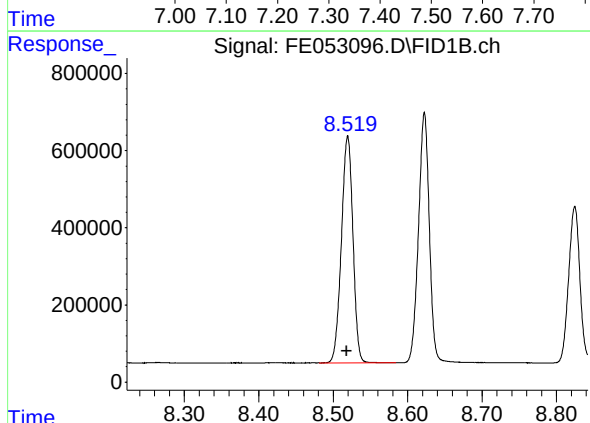
R.T.: 6.682 min
Delta R.T.: 0.000 min
Response: 6392279
Conc: 40.87 ug/ml



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

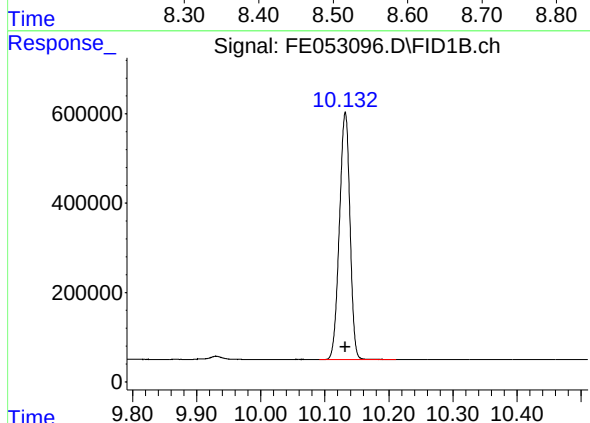
R.T.: 7.316 min
Delta R.T.: 0.000 min
Response: 6154701
Conc: 38.57 ug/ml

Instrument :
FID_E
ClientSampleId :
PB167403BSD



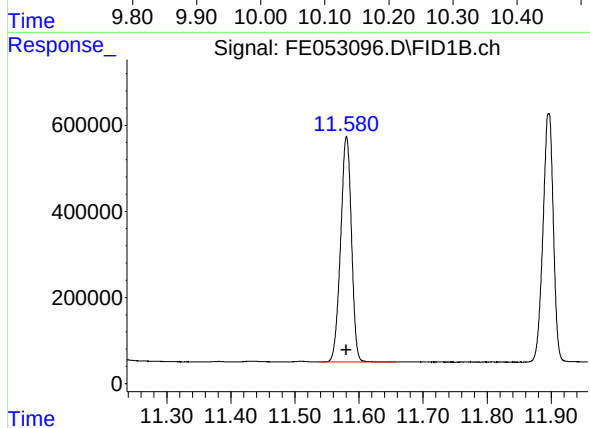
#6 n-Tetradecane (C14)

R.T.: 8.519 min
Delta R.T.: 0.001 min
Response: 6329045
Conc: 41.34 ug/ml



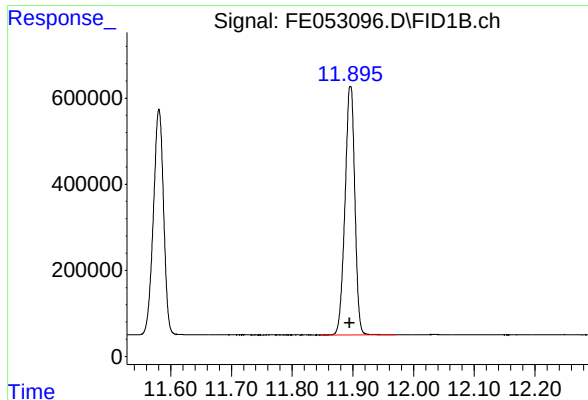
#7 n-Hexadecane (C16)

R.T.: 10.132 min
Delta R.T.: 0.000 min
Response: 6294965
Conc: 40.84 ug/ml



#8 n-Octadecane (C18)

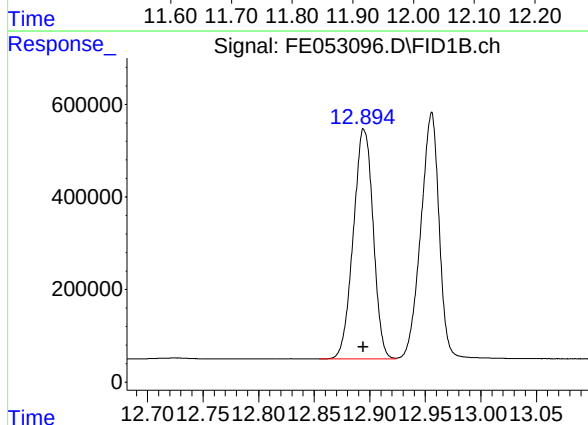
R.T.: 11.581 min
Delta R.T.: 0.000 min
Response: 6116162
Conc: 40.33 ug/ml



#9 ortho-Terphenyl (SURR)

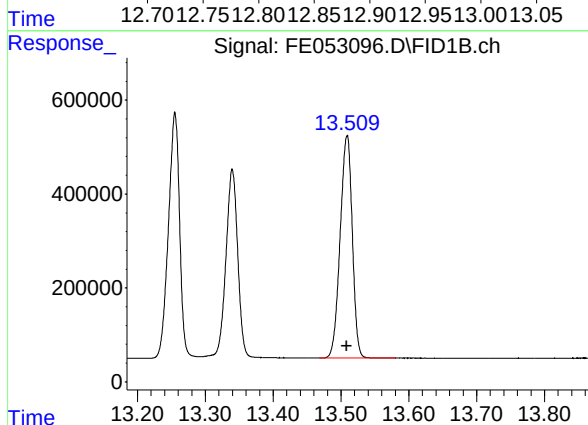
R.T.: 11.896 min
Delta R.T.: 0.000 min
Response: 6498487
Conc: 39.90 ug/ml

Instrument :
FID_E
ClientSampleId :
PB167403BSD



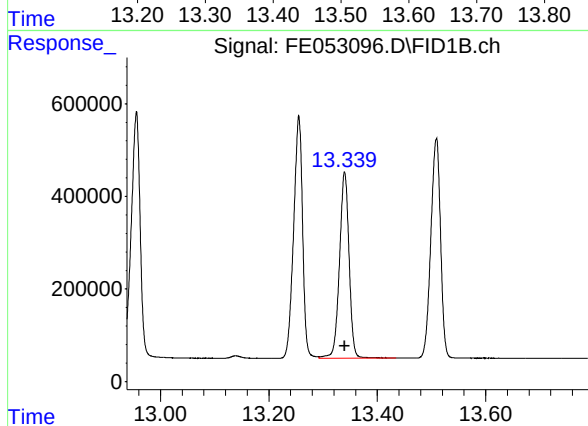
#10 n-Eicosane (C20)

R.T.: 12.895 min
Delta R.T.: 0.000 min
Response: 6163204
Conc: 43.23 ug/ml



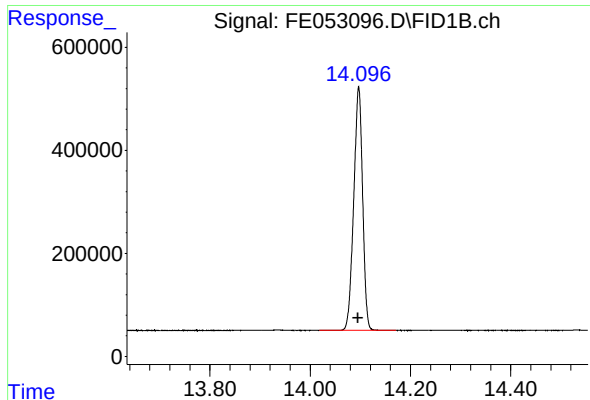
#11 n-Heneicosane (C21)

R.T.: 13.509 min
Delta R.T.: 0.000 min
Response: 5882748
Conc: 42.39 ug/ml



#12 1-chlorooctadecane (SURR)

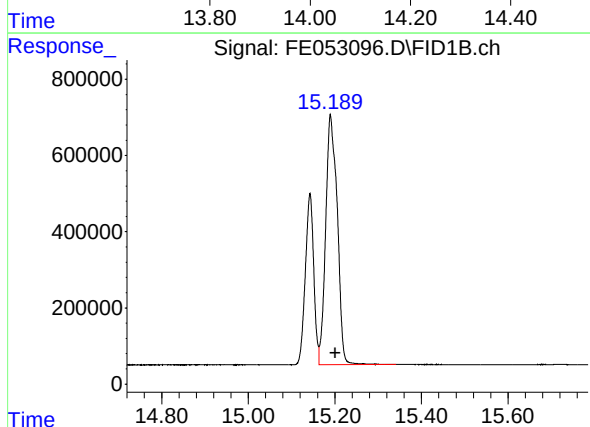
R.T.: 13.340 min
Delta R.T.: 0.000 min
Response: 4920661
Conc: 40.99 ug/ml



#13 n-Docosane (C22)

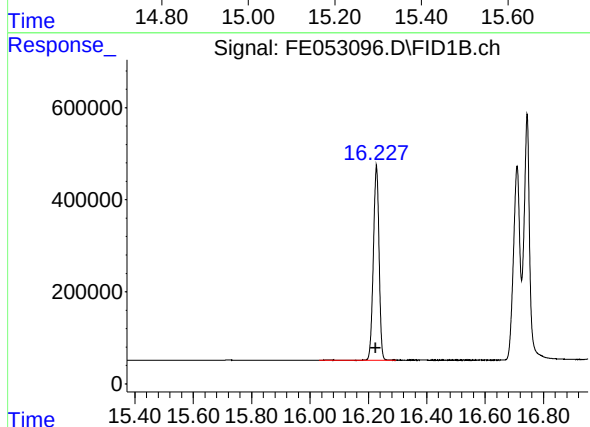
R.T.: 14.097 min
Delta R.T.: 0.001 min
Response: 5818481
Conc: 42.48 ug/ml

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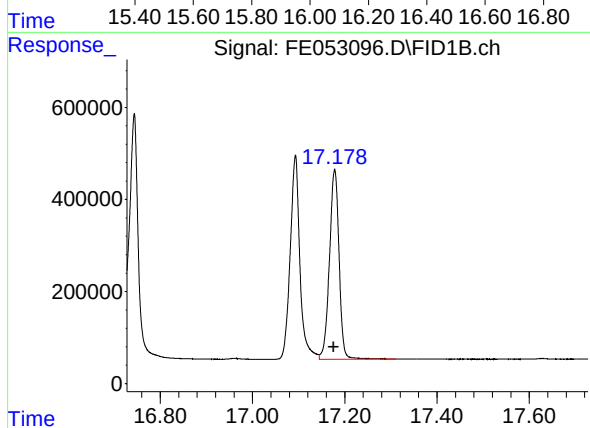
#14 n-Tetracosane (C24)

R.T.: 15.191 min
Delta R.T.: -0.011 min
Response: 12156069
Conc: 90.01 ug/ml



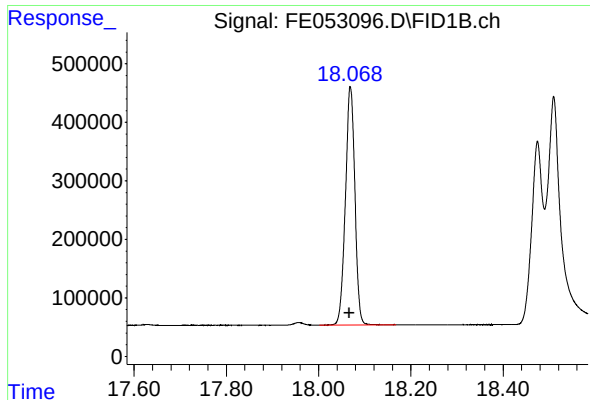
#15 n-Hexacosane (C26)

R.T.: 16.227 min
Delta R.T.: 0.002 min
Response: 5722534
Conc: 42.90 ug/ml



#16 n-Octacosane (C28)

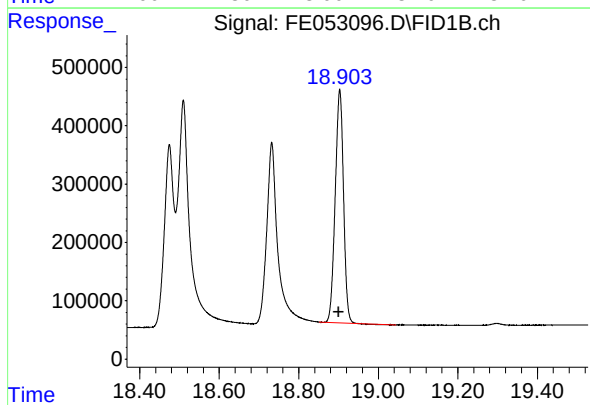
R.T.: 17.178 min
Delta R.T.: 0.001 min
Response: 5956348
Conc: 45.13 ug/ml



#17 n-Tricontane (C30)

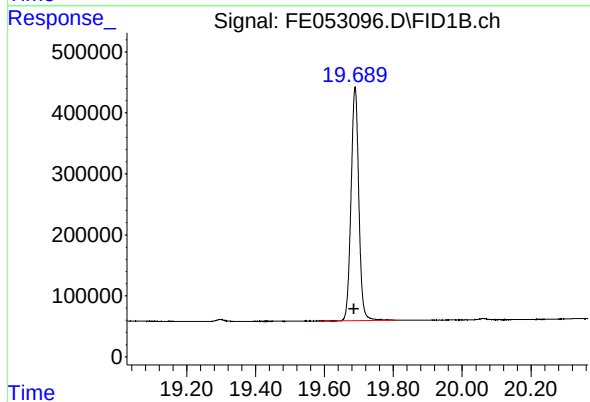
R.T.: 18.069 min
Delta R.T.: 0.003 min
Response: 5805990
Conc: 42.84 ug/ml

Instrument :
FID_E
ClientSampleId :
PB167403BSD



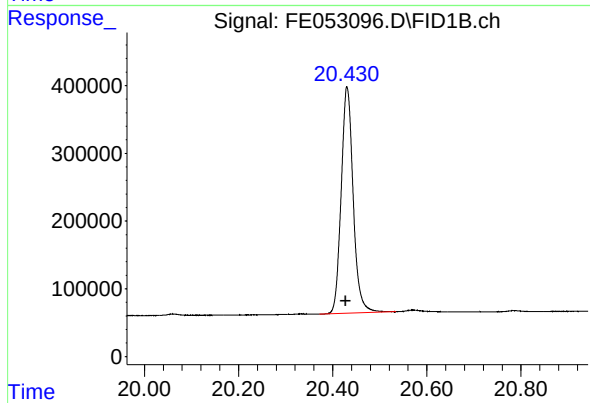
#18 n-Dotriacontane (C32)

R.T.: 18.903 min
Delta R.T.: 0.002 min
Response: 5759535
Conc: 42.80 ug/ml



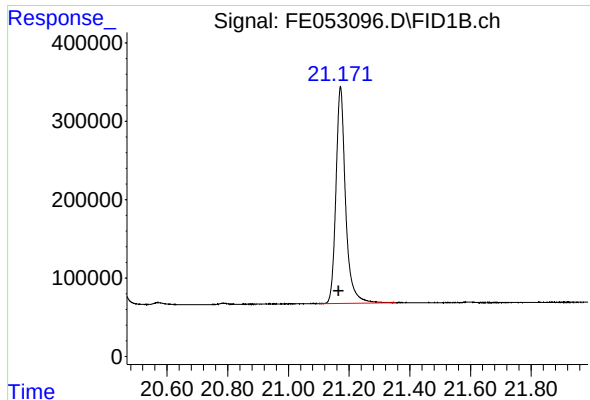
#19 n-Tetratriacontane (C34)

R.T.: 19.689 min
Delta R.T.: 0.003 min
Response: 5986621
Conc: 46.27 ug/ml



#20 n-Hexatriacontane (C36)

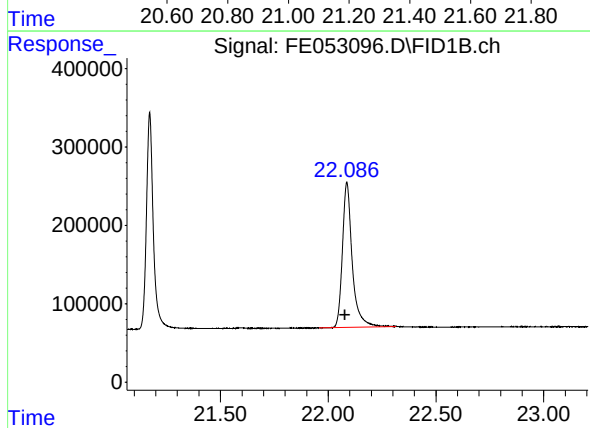
R.T.: 20.431 min
Delta R.T.: 0.003 min
Response: 5903806
Conc: 49.70 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.172 min
Delta R.T.: 0.006 min
Response: 6084452
Conc: 52.94 ug/ml

Instrument :
FID_E
ClientSampleId :
PB167403BSD



#22 n-Tetracontane (C40)

R.T.: 22.086 min
Delta R.T.: 0.008 min
Response: 5868457
Conc: 52.25 ug/ml