

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE030725AL\
 Data File : FE052682.D
 Signal(s) : FID1B.ch
 Acq On : 07 Mar 2025 15:53
 Operator : YP\AJ
 Sample : Q1507-01MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 50-MIDDLESEX-AVEMS

Integration File: autoint1.e
 Quant Time: Mar 07 21:56:45 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)	11.913	3994337	23.693 ug/ml
Spiked Amount 50.000		Recovery =	47.39%
12) S 1-chlorooctadecane (S...	13.358	3049275	25.112 ug/ml
Spiked Amount 50.000		Recovery =	50.22%
Target Compounds			
1) T n-Nonane (C9)	3.254	4216690	27.196 ug/ml
2) T n-Decane (C10)	4.516	4597121	29.263 ug/ml
3) T A~Naphthalene (C11.7)	6.228	5252826	30.973 ug/ml
4) T n-Dodecane (C12)	6.695	4835366	31.056 ug/ml
5) T A~2-methylnaphthalene...	7.331	5013251	30.935 ug/ml
6) T n-Tetradecane (C14)	8.534	5326947	35.206 ug/ml
7) T n-Hexadecane (C16)	10.148	5703147	37.303 ug/ml
8) T n-Octadecane (C18)	11.599	5987452	39.355 ug/ml
10) T n-Eicosane (C20)	12.914	5829906	40.158 ug/ml
11) T n-Heneicosane (C21)	13.528	5580108	39.206 ug/ml
13) T n-Docosane (C22)	14.116	5596906	39.329 ug/ml
14) T n-Tetracosane (C24)	15.211	11423197	79.822 ug/ml
15) T n-Hexacosane (C26)	16.249	5475945	38.510 ug/ml
16) T n-Octacosane (C28)	17.200	5560777	39.107 ug/ml
17) T n-Tricontane (C30)	18.092	5579404	37.775 ug/ml
18) T n-Dotriacontane (C32)	18.924	5441270	37.480 ug/ml
19) T n-Tetratriacontane (C34)	19.711	5541184	41.113 ug/ml
20) T n-Hexatriacontane (C36)	20.452	5291783	44.535 ug/ml
21) T n-Octatriacontane (C38)	21.195	5307317	47.841 ug/ml
22) T n-Tetracontane (C40)	22.118	5617668	51.960 ug/ml

(f)=RT Delta > 1/2 Window

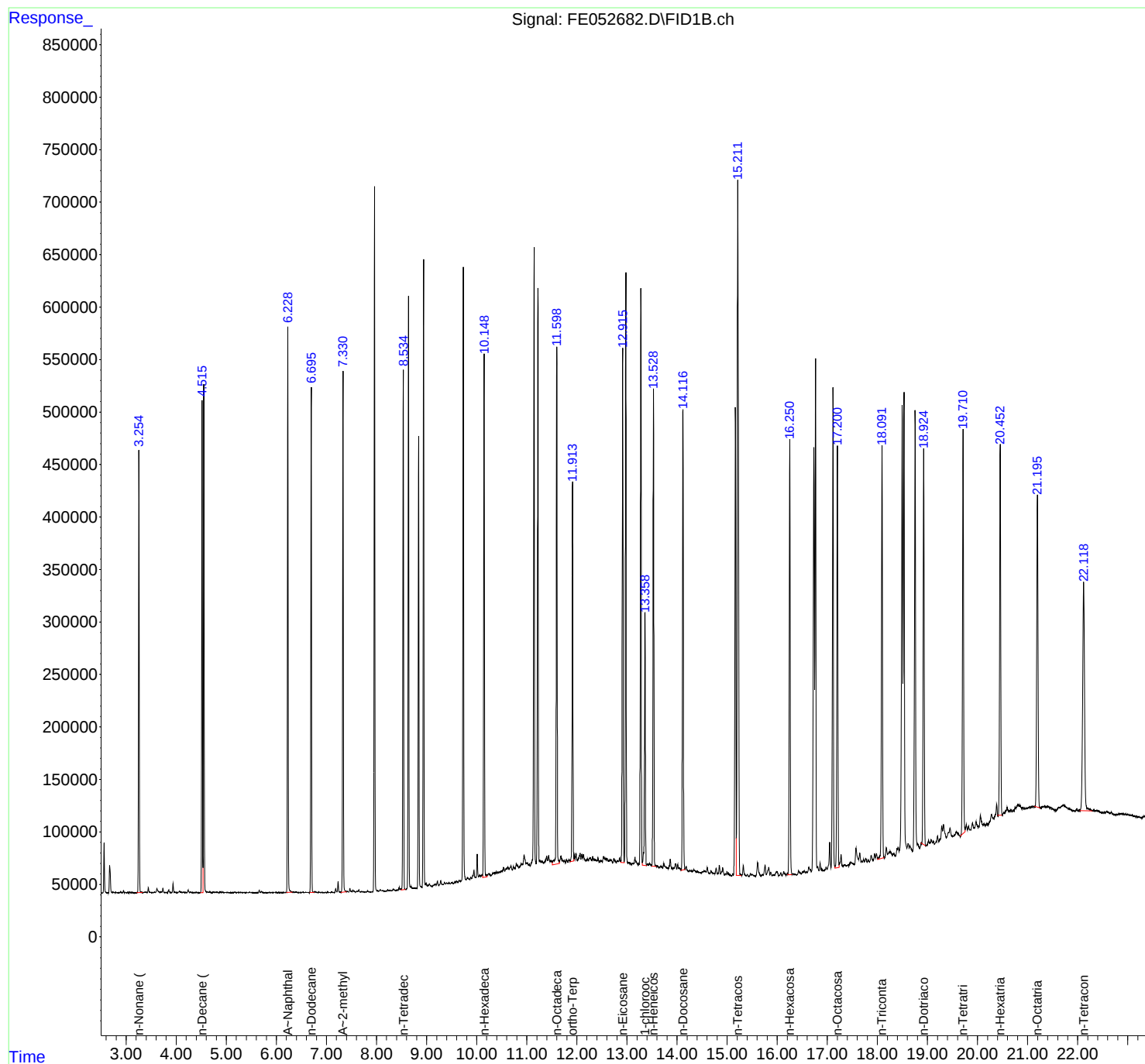
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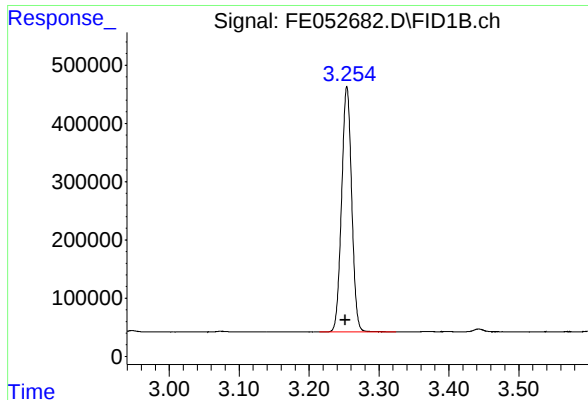
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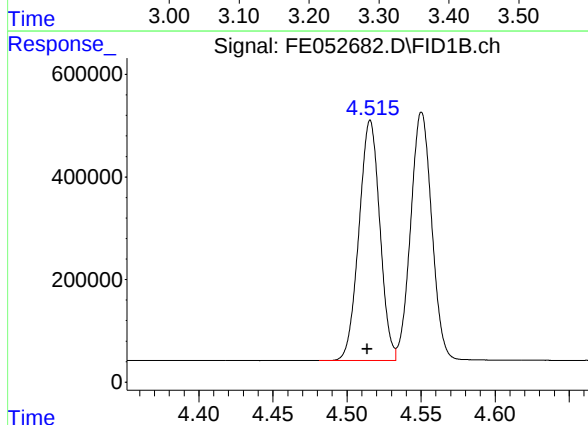




#1 n-Nonane (C9)

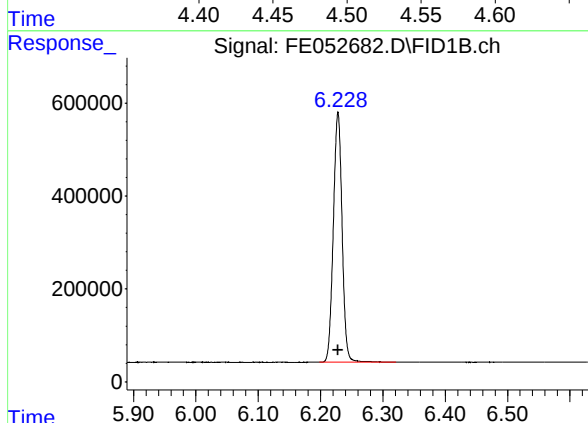
R.T.: 3.254 min
Delta R.T.: 0.002 min
Response: 4216690
Conc: 27.20 ug/ml

Instrument :
FID_E
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50-MIDDLESEX-AVEMS



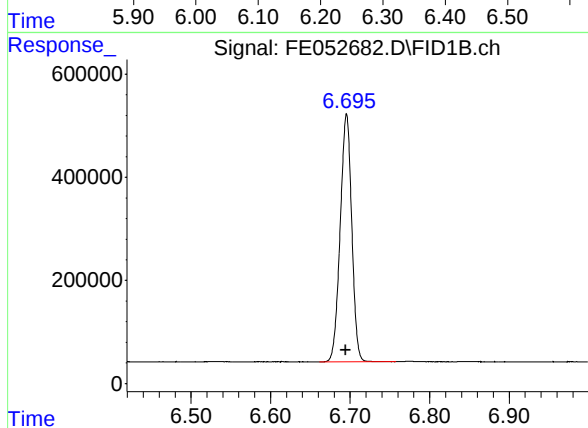
#2 n-Decane (C10)

R.T.: 4.516 min
Delta R.T.: 0.002 min
Response: 4597121
Conc: 29.26 ug/ml



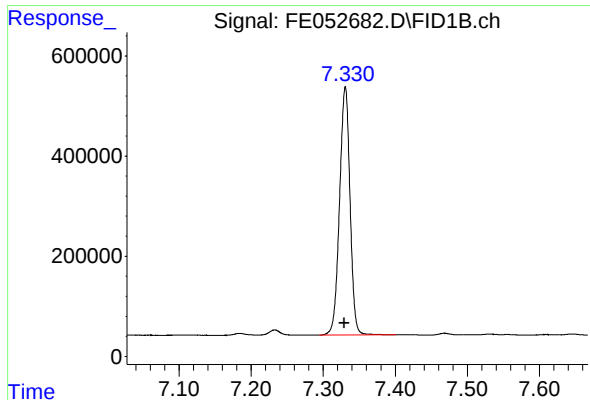
#3 A~Naphthalene (C11.7)

R.T.: 6.228 min
Delta R.T.: 0.000 min
Response: 5252826
Conc: 30.97 ug/ml



#4 n-Dodecane (C12)

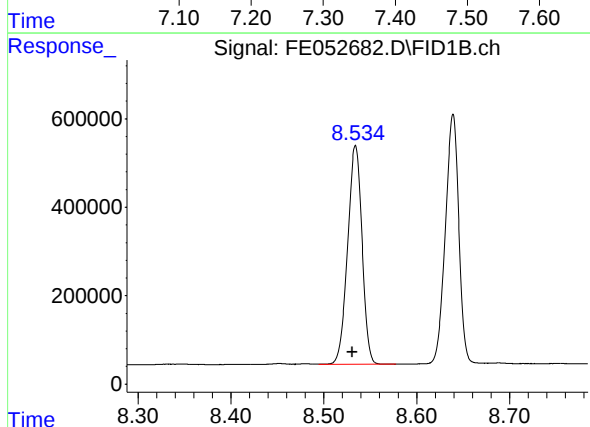
R.T.: 6.695 min
Delta R.T.: 0.000 min
Response: 4835366
Conc: 31.06 ug/ml



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

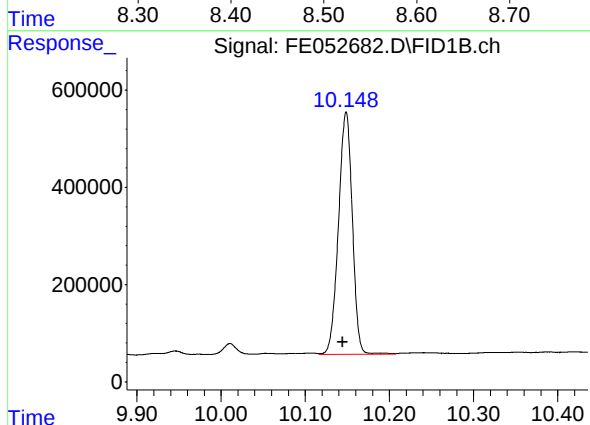
R.T.: 7.331 min
Delta R.T.: 0.001 min
Response: 5013251
Conc: 30.94 ug/ml

Instrument :
FID_E
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50-MIDDLESEX-AVEMS



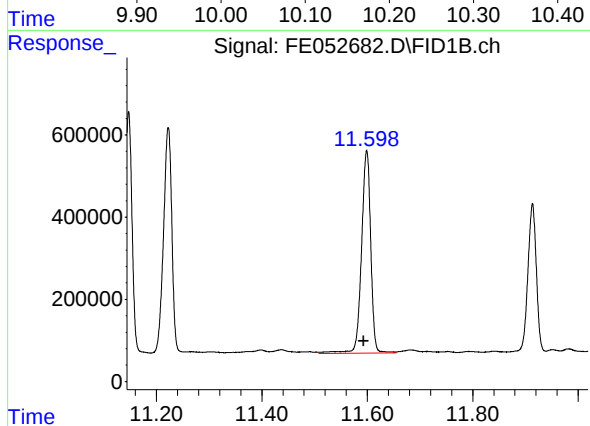
#6 n-Tetradecane (C14)

R.T.: 8.534 min
Delta R.T.: 0.003 min
Response: 5326947
Conc: 35.21 ug/ml



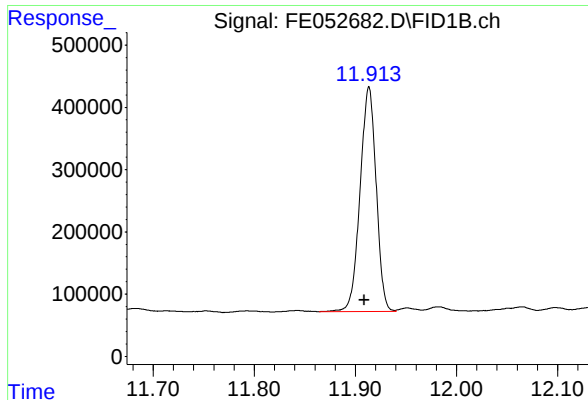
#7 n-Hexadecane (C16)

R.T.: 10.148 min
Delta R.T.: 0.004 min
Response: 5703147
Conc: 37.30 ug/ml



#8 n-Octadecane (C18)

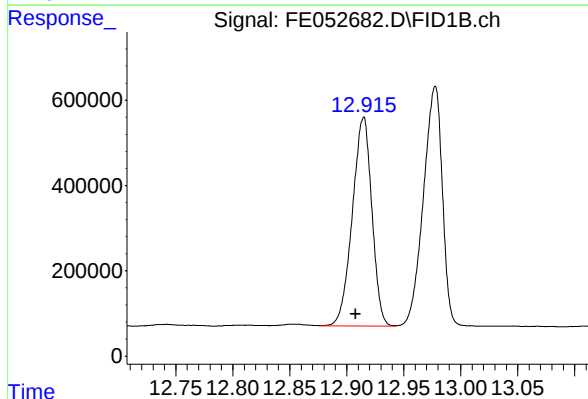
R.T.: 11.599 min
Delta R.T.: 0.006 min
Response: 5987452
Conc: 39.35 ug/ml



#9 ortho-Terphenyl (SURR)

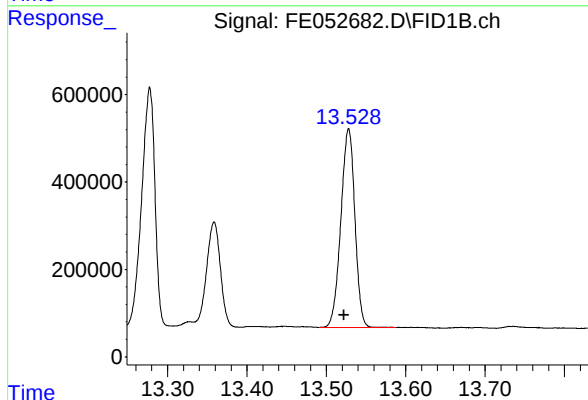
R.T.: 11.913 min
Delta R.T.: 0.005 min
Response: 3994337
Conc: 23.69 ug/ml

Instrument :
FID_E
ClientSampleId :
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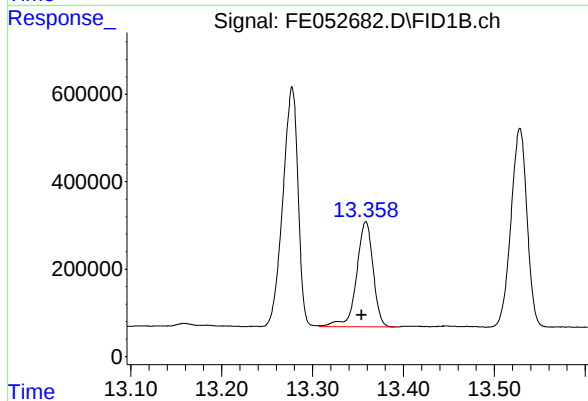
#10 n-Eicosane (C20)

R.T.: 12.914 min
Delta R.T.: 0.007 min
Response: 5829906
Conc: 40.16 ug/ml



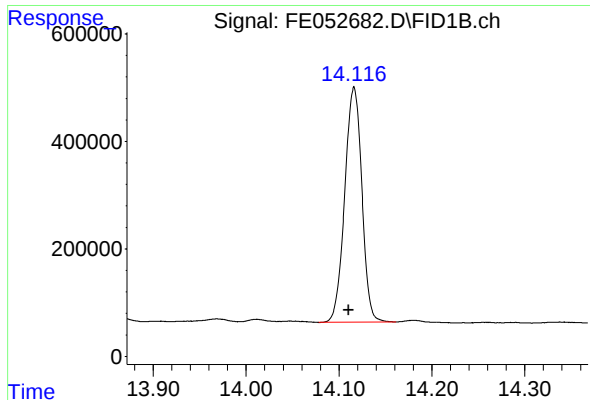
#11 n-Heneicosane (C21)

R.T.: 13.528 min
Delta R.T.: 0.006 min
Response: 5580108
Conc: 39.21 ug/ml



#12 1-chlorooctadecane (SURR)

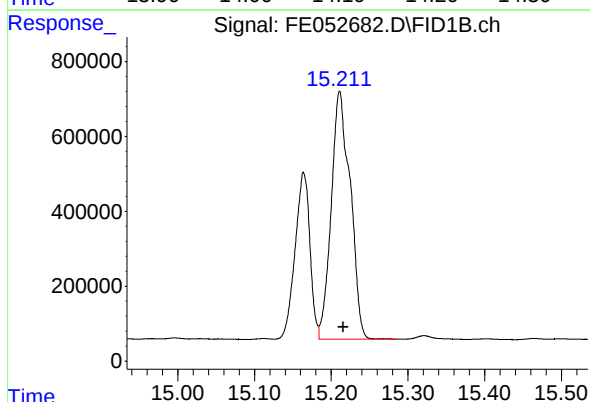
R.T.: 13.358 min
Delta R.T.: 0.004 min
Response: 3049275
Conc: 25.11 ug/ml



#13 n-Docosane (C22)

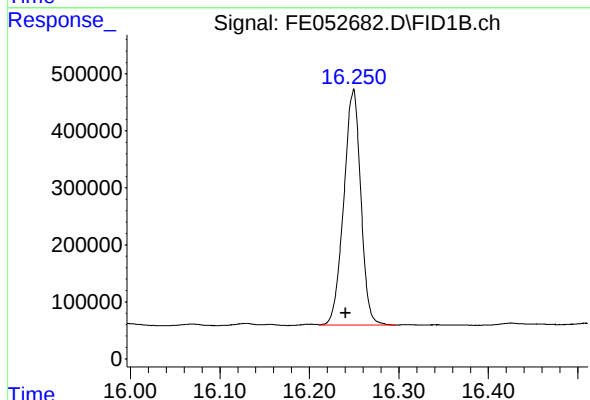
R.T.: 14.116 min
Delta R.T.: 0.006 min
Response: 5596906
Conc: 39.33 ug/ml

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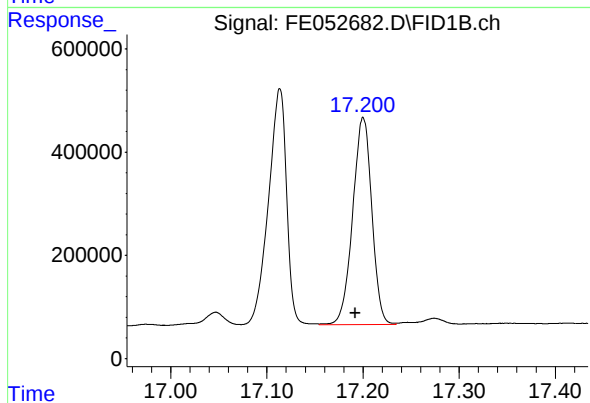
#14 n-Tetracosane (C24)

R.T.: 15.211 min
Delta R.T.: -0.005 min
Response: 11423197
Conc: 79.82 ug/ml



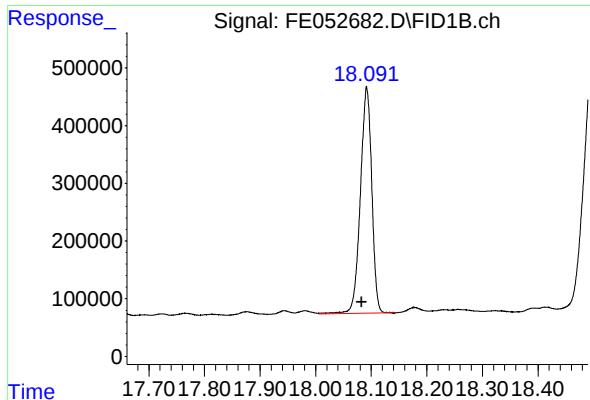
#15 n-Hexacosane (C26)

R.T.: 16.249 min
Delta R.T.: 0.008 min
Response: 5475945
Conc: 38.51 ug/ml



#16 n-Octacosane (C28)

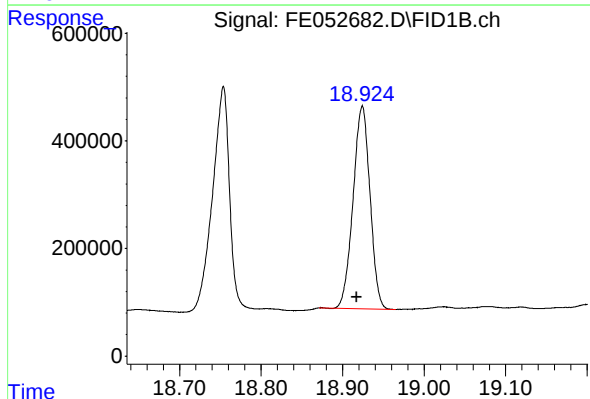
R.T.: 17.200 min
Delta R.T.: 0.008 min
Response: 5560777
Conc: 39.11 ug/ml



#17 n-Tricontane (C30)

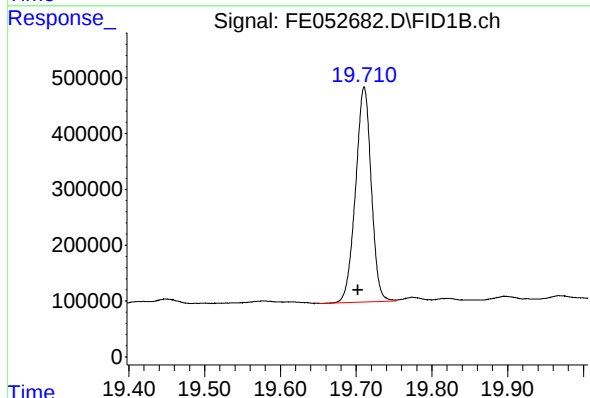
R.T.: 18.092 min
Delta R.T.: 0.009 min
Response: 5579404
Conc: 37.78 ug/ml

Instrument :
FID_E
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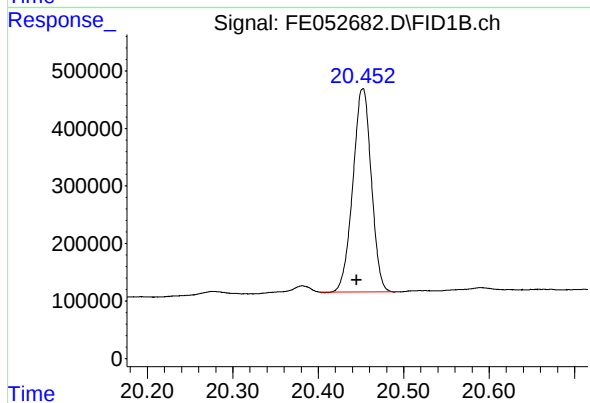
#18 n-Dotriacontane (C32)

R.T.: 18.924 min
Delta R.T.: 0.007 min
Response: 5441270
Conc: 37.48 ug/ml



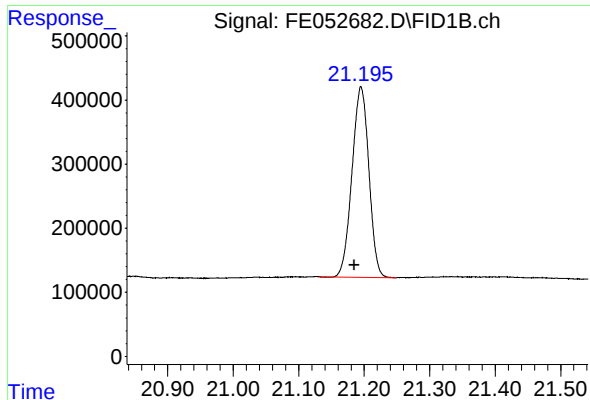
#19 n-Tetatriacontane (C34)

R.T.: 19.711 min
Delta R.T.: 0.008 min
Response: 5541184
Conc: 41.11 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.452 min
Delta R.T.: 0.007 min
Response: 5291783
Conc: 44.53 ug/ml



#21 n-Octatriacontane (C38)

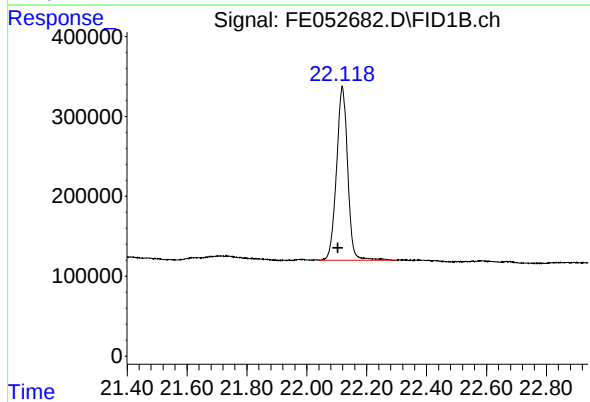
R.T.: 21.195 min
Delta R.T.: 0.010 min
Response: 5307317
Conc: 47.84 ug/ml

Instrument :

FID_E

ClientSampleId :

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#22 n-Tetracontane (C40)

R.T.: 22.118 min
Delta R.T.: 0.014 min
Response: 5617668
Conc: 51.96 ug/ml