

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE082024AL\
 Data File : FE049674.D
 Signal(s) : FID1B.ch
 Acq On : 20 Aug 2024 13:25
 Operator : YP\AJ
 Sample : PB162858BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB162858BS

Integration File: autoint1.e
 Quant Time: Aug 21 01:33:33 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 081424.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 14 11:05:17 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)	11.892	7094206	43.870 ug/ml
Spiked Amount 50.000		Recovery =	87.74%
12) S 1-chlorooctadecane (S...	13.326	5509542	45.158 ug/ml
Spiked Amount 50.000		Recovery =	90.32%
Target Compounds			
1) T n-Nonane (C9)	3.295	6470213	41.810 ug/ml
2) T n-Decane (C10)	4.537	6873287	43.532 ug/ml
3) T A~Naphthalene (C11.7)	6.238	7023913	43.775 ug/ml
4) T n-Dodecane (C12)	6.697	7052272	44.859 ug/ml
5) T A~2-methylnaphthalene...	7.333	6752447	45.090 ug/ml
6) T n-Tetradecane (C14)	8.525	7040749	45.607 ug/ml
7) T n-Hexadecane (C16)	10.130	6881614	44.062 ug/ml
8) T n-Octadecane (C18)	11.573	6941397	44.198 ug/ml
10) T n-Eicosane (C20)	12.882	6922565	46.365 ug/ml
11) T n-Heneicosane (C21)	13.493	6741436	45.955 ug/ml
13) T n-Docosane (C22)	14.079	6671315	45.772 ug/ml
14) T n-Tetracosane (C24)	15.176	12672859	87.119 ug/ml
15) T n-Hexacosane (C26)	16.203	6630679	45.943 ug/ml
16) T n-Octacosane (C28)	17.150	7110493	49.365 ug/ml
17) T n-Tricontane (C30)	18.038	6810306	45.492 ug/ml
18) T n-Dotriacontane (C32)	18.869	6596719	43.605 ug/ml
19) T n-Tetratriacontane (C34)	19.651	6521424	42.657 ug/ml
20) T n-Hexatriacontane (C36)	20.390	6094746	40.136 ug/ml
21) T n-Octatriacontane (C38)	21.121	6020460	38.358 ug/ml
22) T n-Tetracontane (C40)	22.019	6270330	41.069 ug/ml

(f)=RT Delta > 1/2 Window

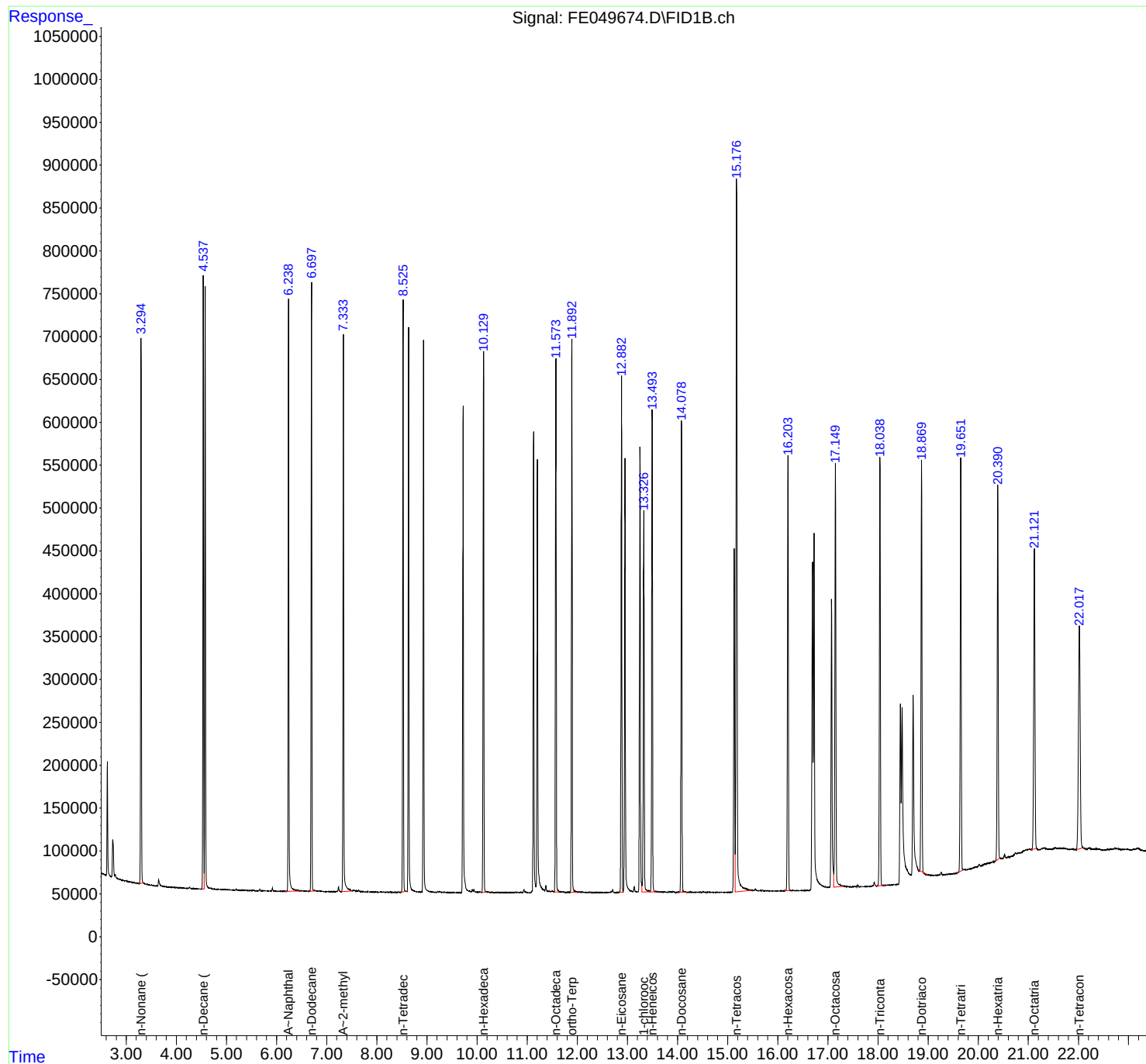
(m)=manual int.

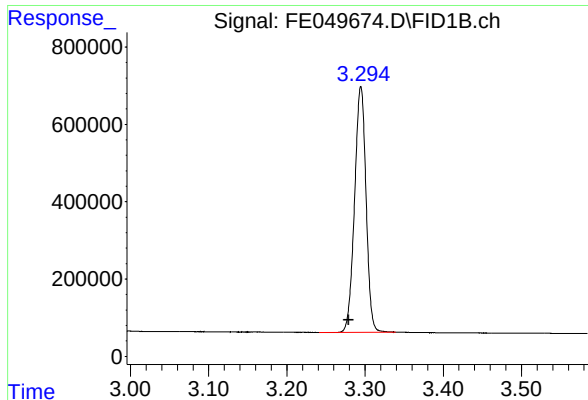
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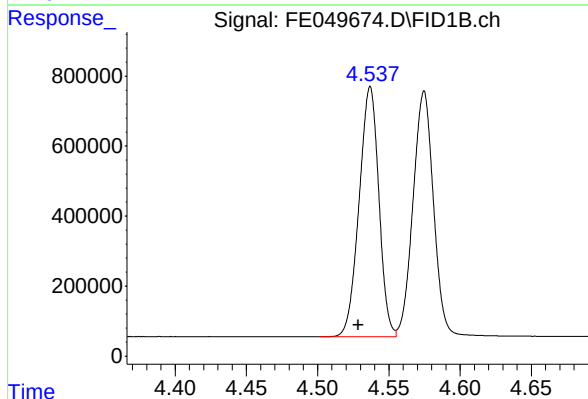




#1 n-Nonane (C9)

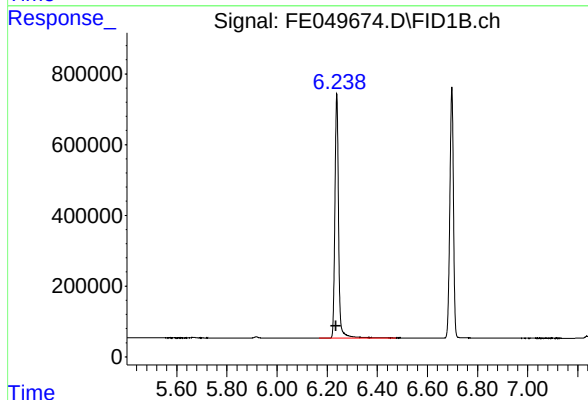
R.T.: 3.295 min
Delta R.T.: 0.016 min
Response: 6470213
Conc: 41.81 ug/ml

Instrument :
FID_E
ClientSampleId :
PB162858BS



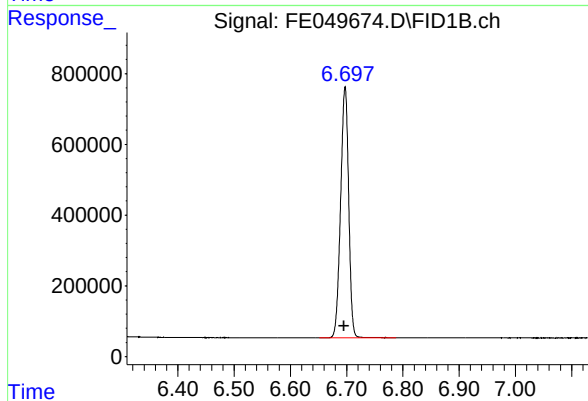
#2 n-Decane (C10)

R.T.: 4.537 min
Delta R.T.: 0.008 min
Response: 6873287
Conc: 43.53 ug/ml



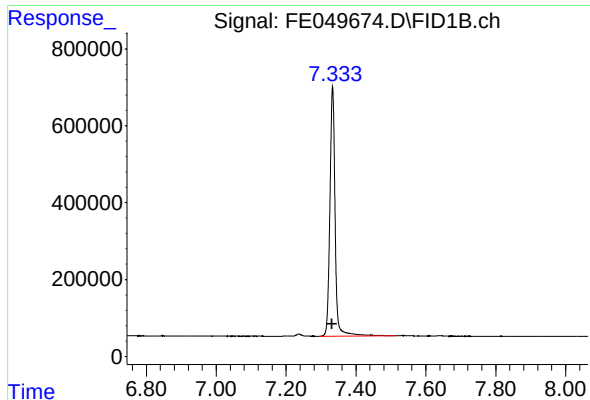
#3 A~Naphthalene (C11.7)

R.T.: 6.238 min
Delta R.T.: 0.003 min
Response: 7023913
Conc: 43.78 ug/ml



#4 n-Dodecane (C12)

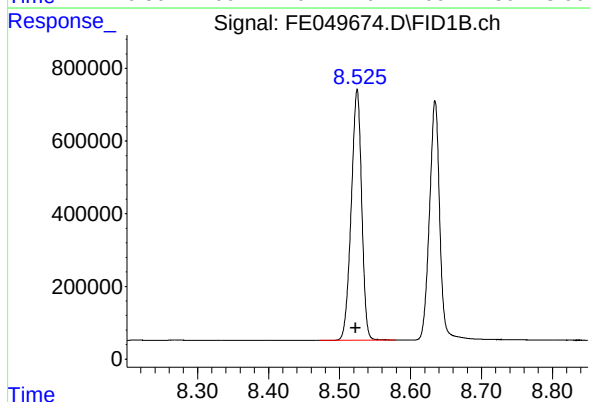
R.T.: 6.697 min
Delta R.T.: 0.001 min
Response: 7052272
Conc: 44.86 ug/ml



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

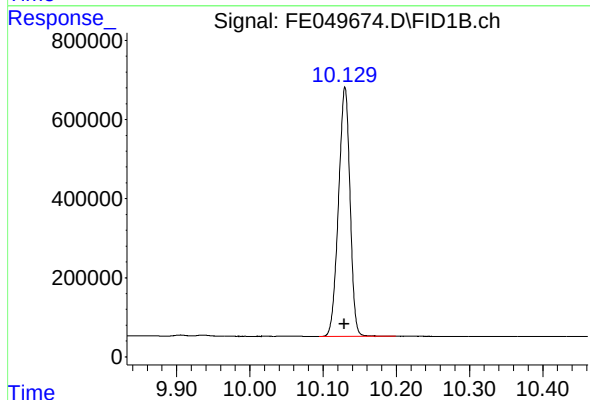
R.T.: 7.333 min
Delta R.T.: 0.002 min
Response: 6752447
Conc: 45.09 ug/ml

Instrument :
FID_E
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PB162858BS



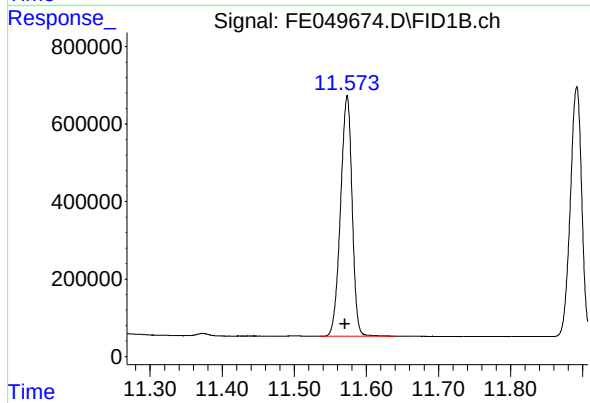
#6 n-Tetradecane (C14)

R.T.: 8.525 min
Delta R.T.: 0.002 min
Response: 7040749
Conc: 45.61 ug/ml



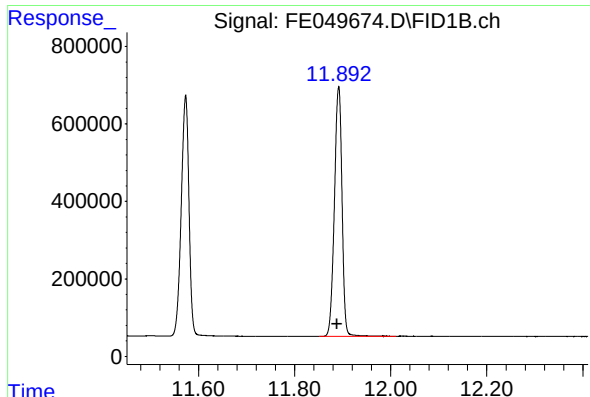
#7 n-Hexadecane (C16)

R.T.: 10.130 min
Delta R.T.: 0.000 min
Response: 6881614
Conc: 44.06 ug/ml



#8 n-Octadecane (C18)

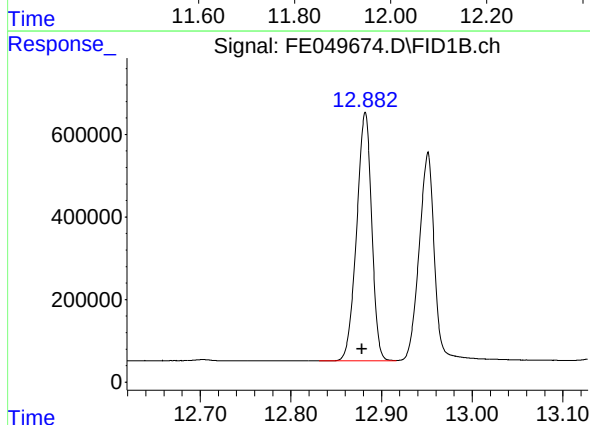
R.T.: 11.573 min
Delta R.T.: 0.003 min
Response: 6941397
Conc: 44.20 ug/ml



#9 ortho-Terphenyl (SURR)

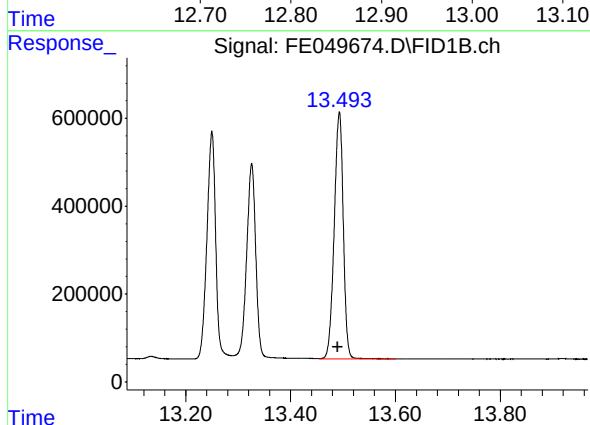
R.T.: 11.892 min
Delta R.T.: 0.003 min
Response: 7094206
Conc: 43.87 ug/ml

Instrument :
FID_E
ClientSampleId :
PB162858BS



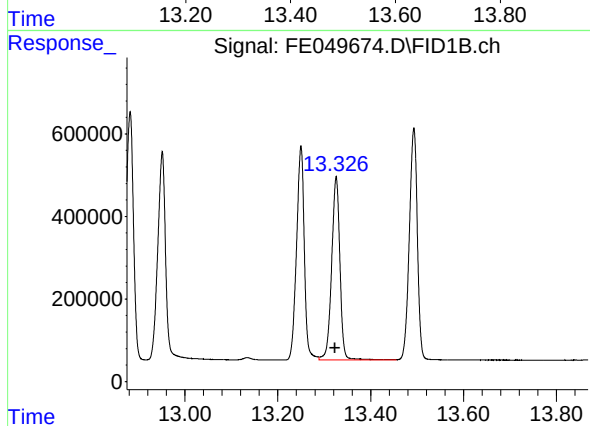
#10 n-Eicosane (C20)

R.T.: 12.882 min
Delta R.T.: 0.003 min
Response: 6922565
Conc: 46.36 ug/ml



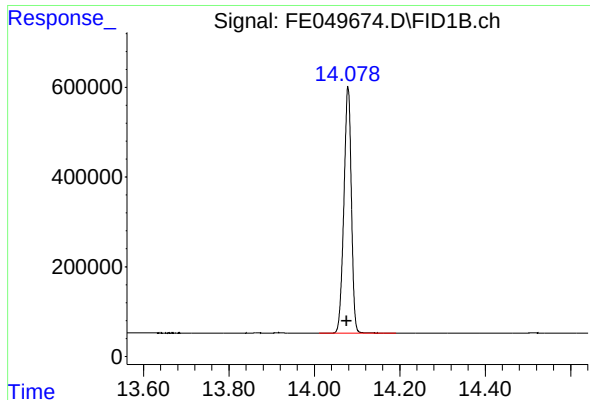
#11 n-Heneicosane (C21)

R.T.: 13.493 min
Delta R.T.: 0.003 min
Response: 6741436
Conc: 45.95 ug/ml



#12 1-chlorooctadecane (SURR)

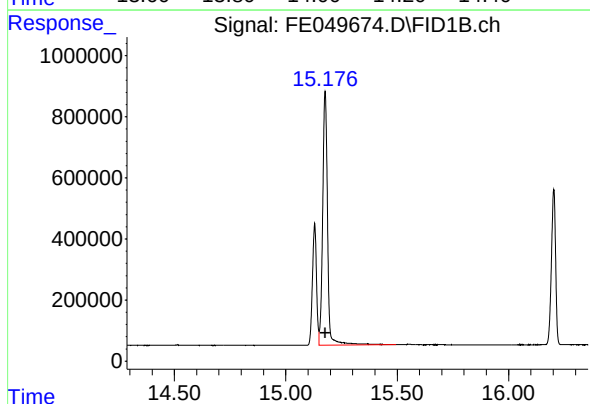
R.T.: 13.326 min
Delta R.T.: 0.002 min
Response: 5509542
Conc: 45.16 ug/ml



#13 n-Docosane (C22)

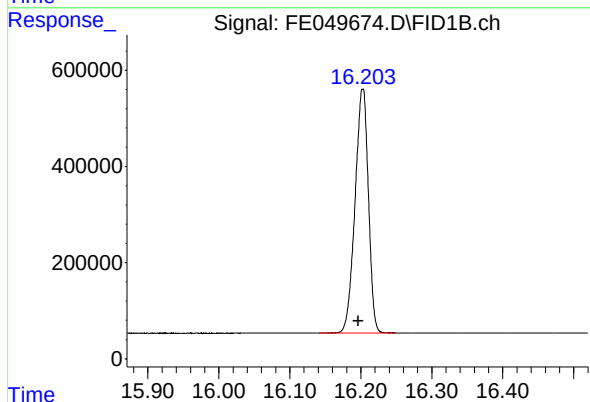
R.T.: 14.079 min
Delta R.T.: 0.004 min
Response: 6671315
Conc: 45.77 ug/ml

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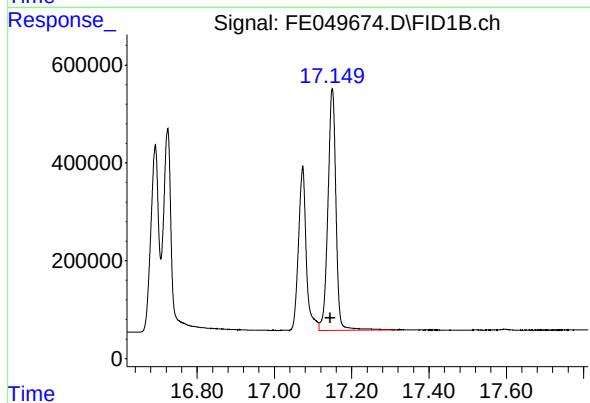
#14 n-Tetracosane (C24)

R.T.: 15.176 min
Delta R.T.: 0.000 min
Response: 12672859
Conc: 87.12 ug/ml



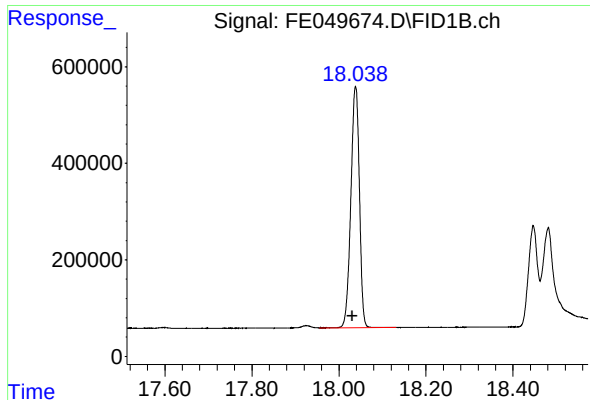
#15 n-Hexacosane (C26)

R.T.: 16.203 min
Delta R.T.: 0.006 min
Response: 6630679
Conc: 45.94 ug/ml



#16 n-Octacosane (C28)

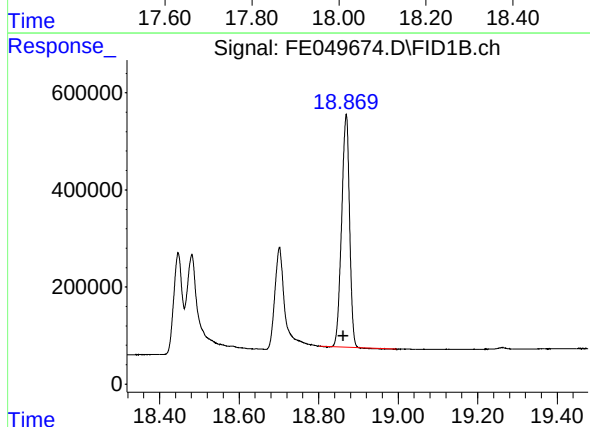
R.T.: 17.150 min
Delta R.T.: 0.005 min
Response: 7110493
Conc: 49.37 ug/ml



#17 n-Tricontane (C30)

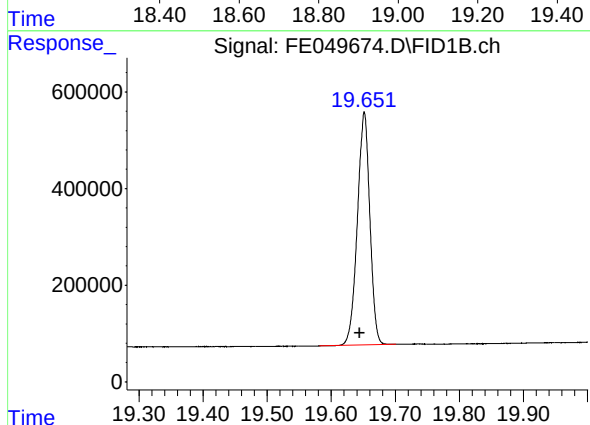
R.T.: 18.038 min
Delta R.T.: 0.007 min
Response: 6810306
Conc: 45.49 ug/ml

Instrument :
FID_E
ClientSampleId :
PB162858BS



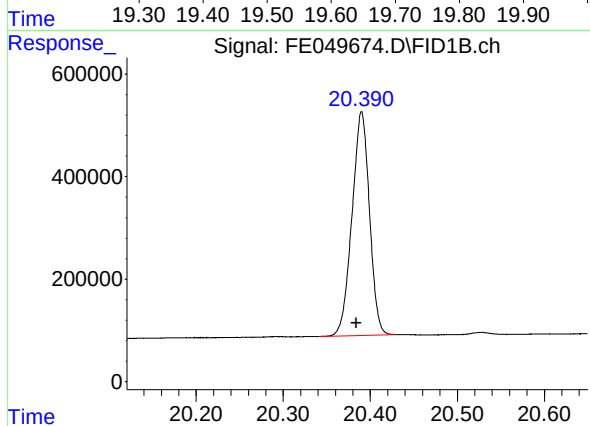
#18 n-Dotriacontane (C32)

R.T.: 18.869 min
Delta R.T.: 0.007 min
Response: 6596719
Conc: 43.61 ug/ml



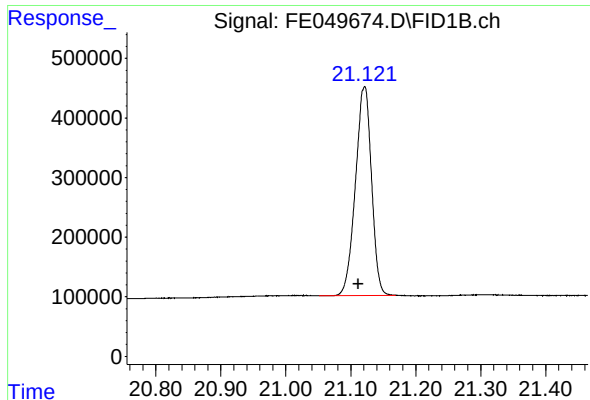
#19 n-Tetratriacontane (C34)

R.T.: 19.651 min
Delta R.T.: 0.007 min
Response: 6521424
Conc: 42.66 ug/ml



#20 n-Hexatriacontane (C36)

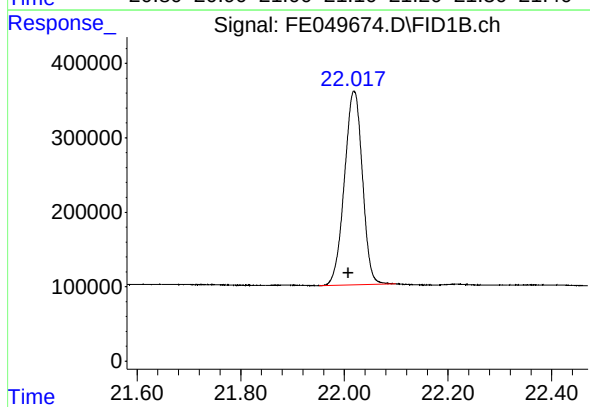
R.T.: 20.390 min
Delta R.T.: 0.006 min
Response: 6094746
Conc: 40.14 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.121 min
Delta R.T.: 0.009 min
Response: 6020460
Conc: 38.36 ug/ml

Instrument :
FID_E
ClientSampleId :
PB162858BS



#22 n-Tetracontane (C40)

R.T.: 22.019 min
Delta R.T.: 0.011 min
Response: 6270330
Conc: 41.07 ug/ml