

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062124AL\
 Data File : FE048820.D
 Signal(s) : FID1B.ch
 Acq On : 20 Jun 2024 17:27
 Operator : YP\AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jun 20 17:53:29 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062124.M
 Quant Title : GC Extractables
 QLast Update : Thu Jun 20 17:53:21 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)	11.930	874466	5.230 ug/ml
Spiked Amount 50.000		Recovery =	10.46%
12) S 1-chlorooctadecane (S...	13.364	656579	5.106 ug/ml
Spiked Amount 50.000		Recovery =	10.21%
Target Compounds			
1) T n-Nonane (C9)	3.325	794786	5.287 ug/ml
2) T n-Decane (C10)	4.572	805515	5.234 ug/ml
3) T A~Naphthalene (C11.7)	6.276	799316	5.035 ug/ml
4) T n-Dodecane (C12)	6.735	804400	5.211 ug/ml
5) T A~2-methylnaphthalene...	7.371	750719	4.957 ug/ml
6) T n-Tetradecane (C14)	8.562	806557	5.263 ug/ml
7) T n-Hexadecane (C16)	10.169	807401	5.164 ug/ml
8) T n-Octadecane (C18)	11.611	821546	5.151 ug/ml
10) T n-Eicosane (C20)	12.920	808563	5.215 ug/ml
11) T n-Heneicosane (C21)	13.531	787723	5.173 ug/ml
13) T n-Docosane (C22)	14.117	778424	5.147 ug/ml
14) T n-Tetracosane (C24)	15.218	770572	5.128 ug/ml
15) T n-Hexacosane (C26)	16.238	757699	5.132 ug/ml
16) T n-Octacosane (C28)	17.186	743049	5.152 ug/ml
17) T n-Tricontane (C30)	18.073	765596	5.233 ug/ml
18) T n-Dotriacontane (C32)	18.906	760218	5.317 ug/ml
19) T n-Tetratriacontane (C34)	19.688	736476	5.322 ug/ml
20) T n-Hexatriacontane (C36)	20.426	672703	5.176 ug/ml
21) T n-Octatriacontane (C38)	21.161	672910	5.249 ug/ml
22) T n-Tetracontane (C40)	22.074	638922	5.217 ug/ml

(f)=RT Delta > 1/2 Window

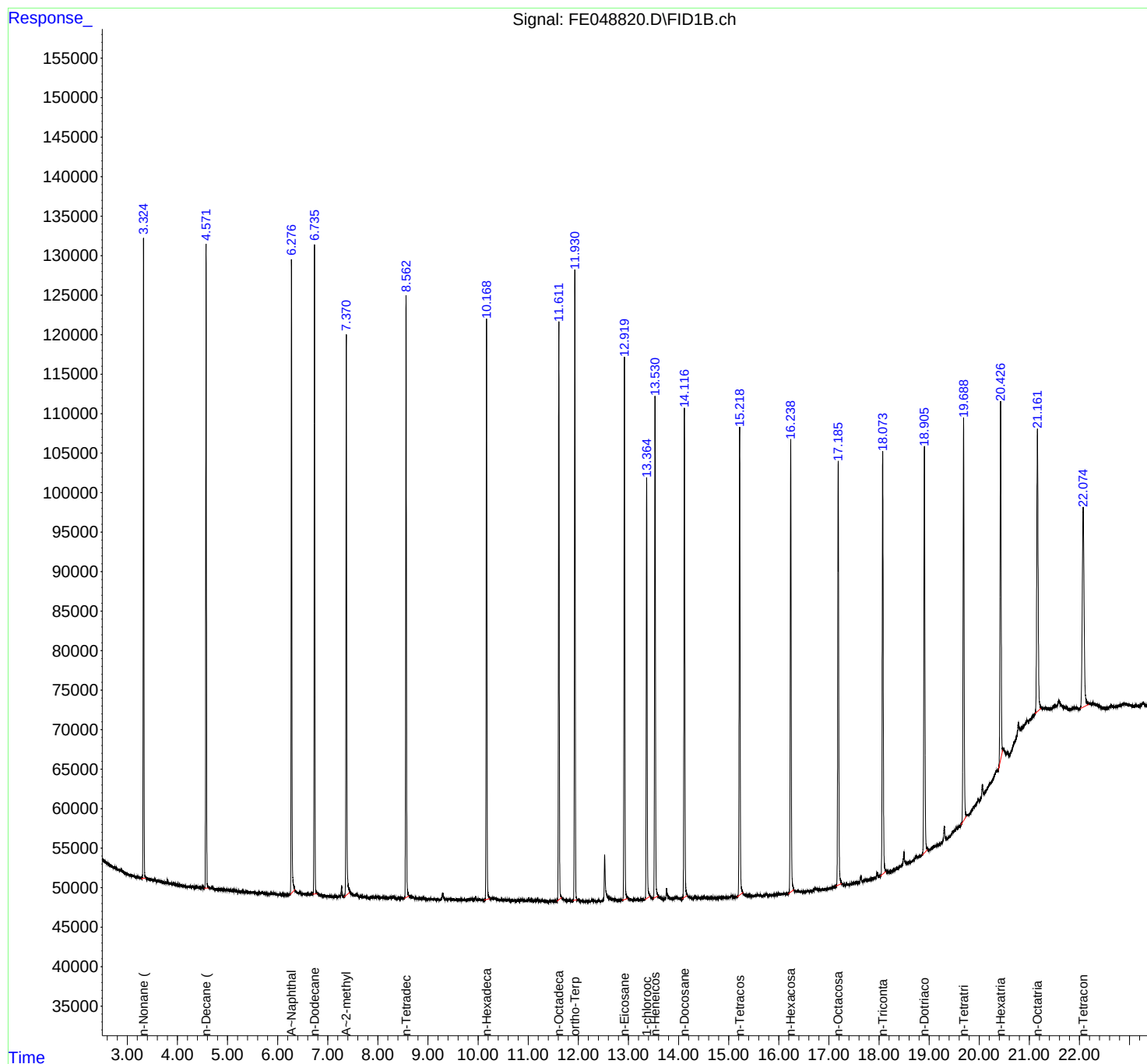
(m)=manual int.

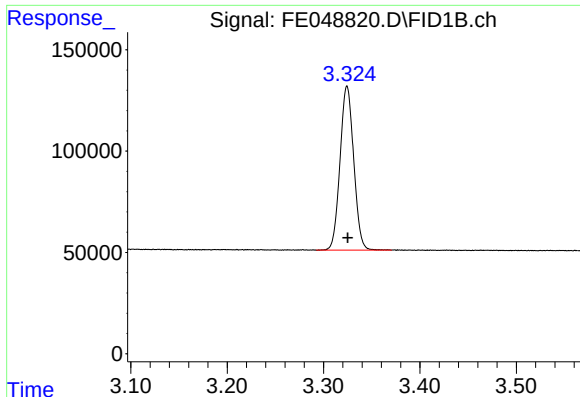
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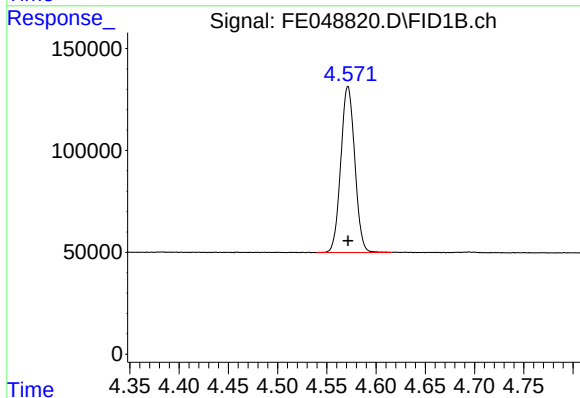




#1 n-Nonane (C9)

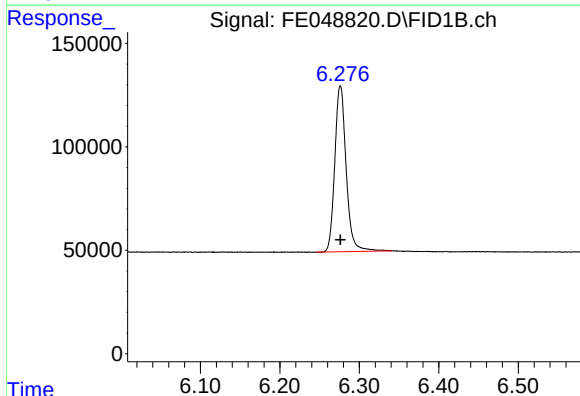
R.T.: 3.325 min
Delta R.T.: 0.000 min
Response: 794786
Conc: 5.29 ug/ml

Instrument :
FID_E
ClientSampleId :



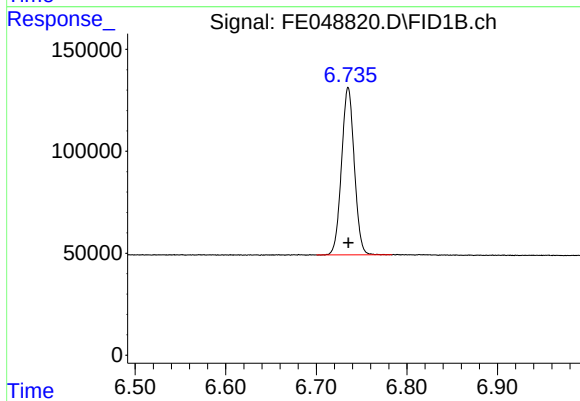
#2 n-Decane (C10)

R.T.: 4.572 min
Delta R.T.: 0.000 min
Response: 805515
Conc: 5.23 ug/ml



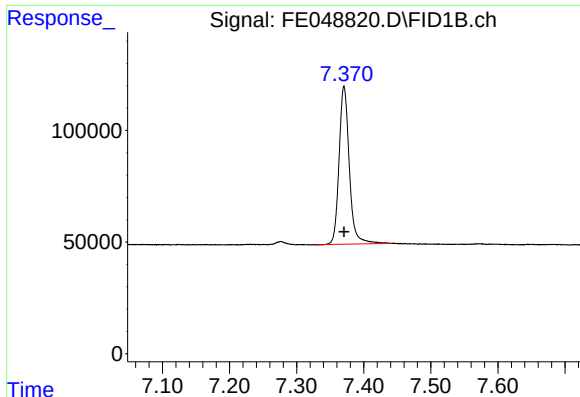
#3 A~Naphthalene (C11.7)

R.T.: 6.276 min
Delta R.T.: 0.000 min
Response: 799316
Conc: 5.03 ug/ml



#4 n-Dodecane (C12)

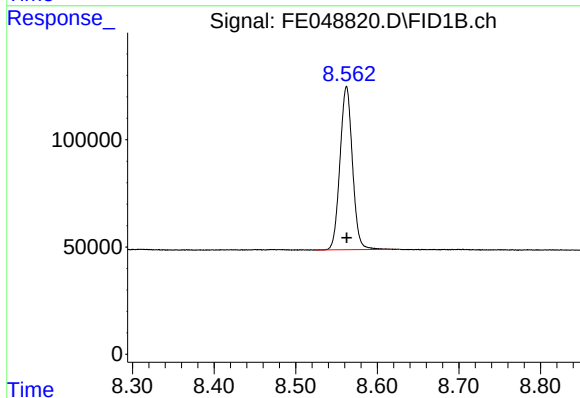
R.T.: 6.735 min
Delta R.T.: 0.000 min
Response: 804400
Conc: 5.21 ug/ml



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

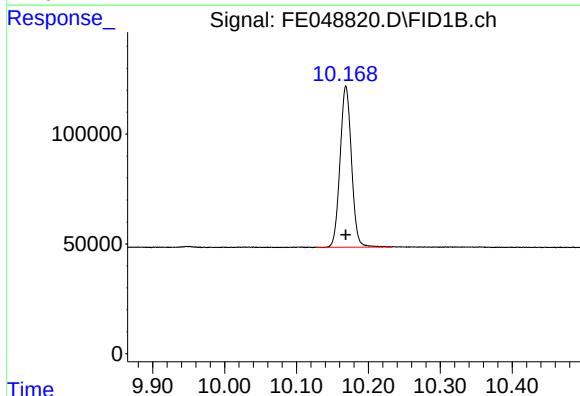
R.T.: 7.371 min
Delta R.T.: 0.000 min
Response: 750719
Conc: 4.96 ug/ml

Instrument :
FID_E
ClientSampleId :



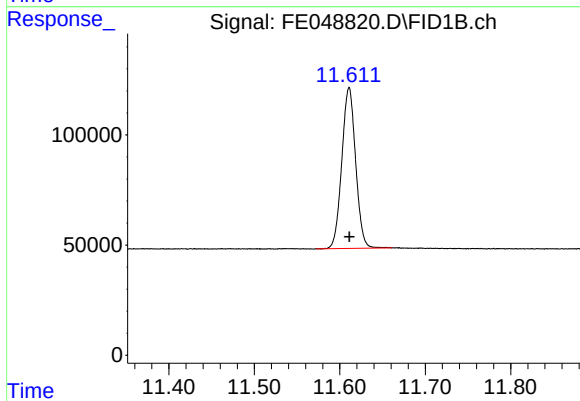
#6 n-Tetradecane (C14)

R.T.: 8.562 min
Delta R.T.: 0.000 min
Response: 806557
Conc: 5.26 ug/ml



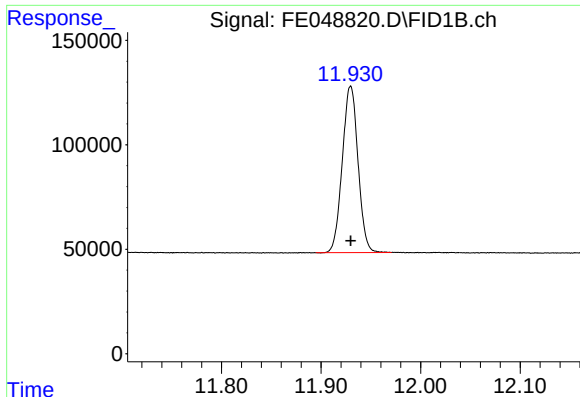
#7 n-Hexadecane (C16)

R.T.: 10.169 min
Delta R.T.: 0.000 min
Response: 807401
Conc: 5.16 ug/ml



#8 n-Octadecane (C18)

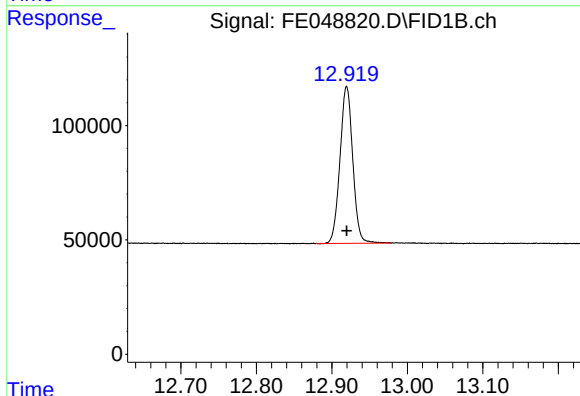
R.T.: 11.611 min
Delta R.T.: 0.000 min
Response: 821546
Conc: 5.15 ug/ml



#9 ortho-Terphenyl (SURR)

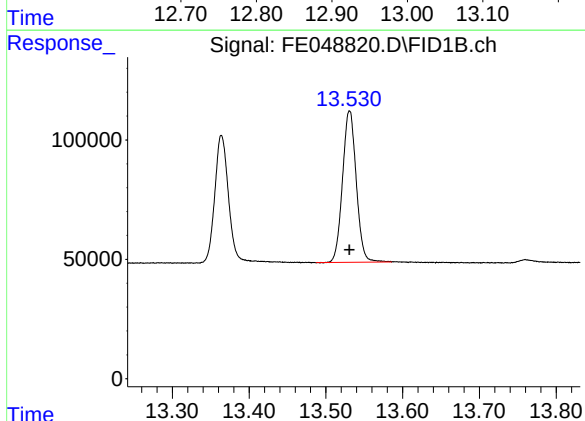
R.T.: 11.930 min
Delta R.T.: 0.000 min
Response: 874466
Conc: 5.23 ug/ml

Instrument :
FID_E
ClientSampleId :



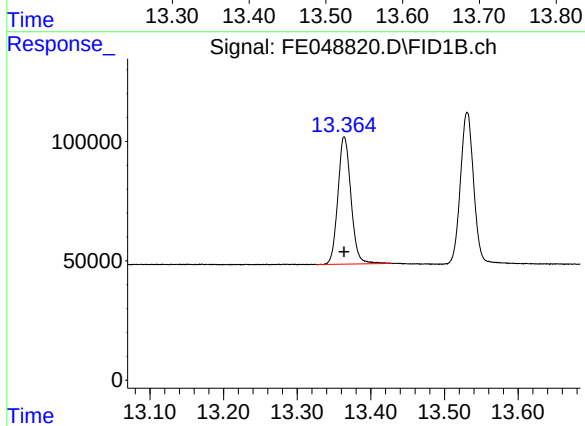
#10 n-Eicosane (C20)

R.T.: 12.920 min
Delta R.T.: 0.000 min
Response: 808563
Conc: 5.22 ug/ml



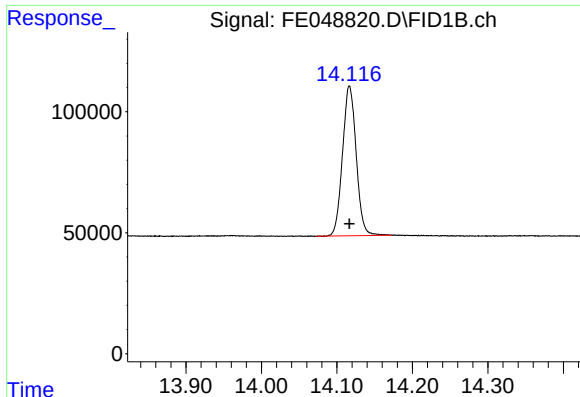
#11 n-Heneicosane (C21)

R.T.: 13.531 min
Delta R.T.: 0.000 min
Response: 787723
Conc: 5.17 ug/ml



#12 1-chlorooctadecane (SURR)

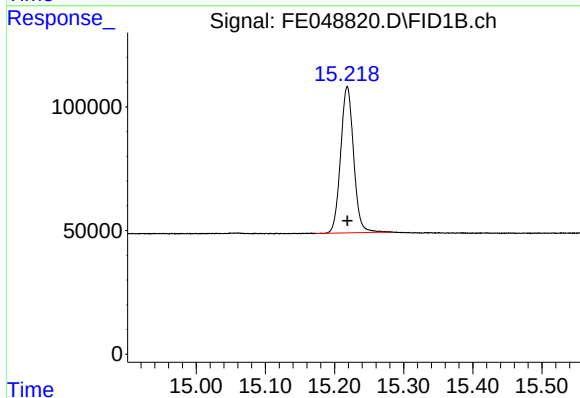
R.T.: 13.364 min
Delta R.T.: 0.000 min
Response: 656579
Conc: 5.11 ug/ml



#13 n-Docosane (C22)

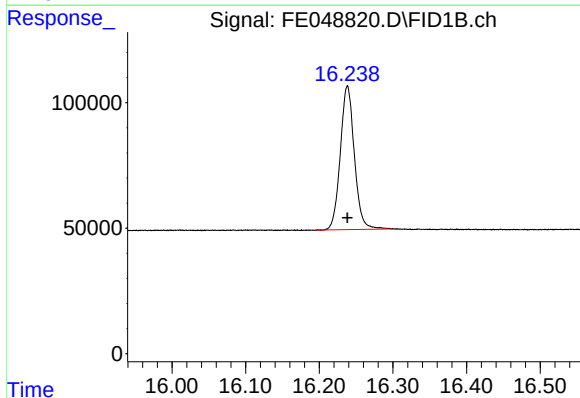
R.T.: 14.117 min
Delta R.T.: 0.000 min
Response: 778424
Conc: 5.15 ug/ml

Instrument :
FID_E
ClientSampleId :



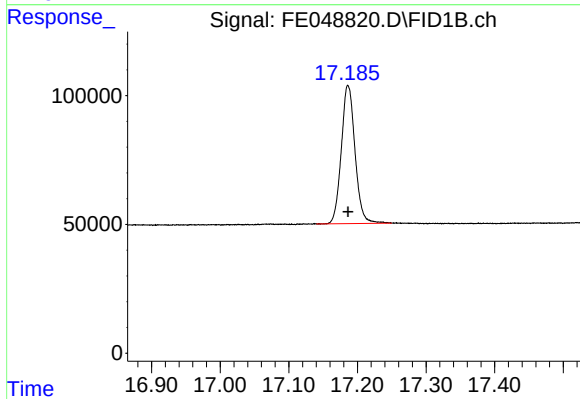
#14 n-Tetracosane (C24)

R.T.: 15.218 min
Delta R.T.: 0.000 min
Response: 770572
Conc: 5.13 ug/ml



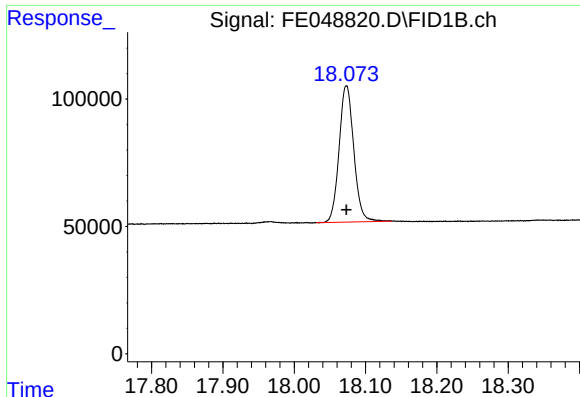
#15 n-Hexacosane (C26)

R.T.: 16.238 min
Delta R.T.: 0.000 min
Response: 757699
Conc: 5.13 ug/ml



#16 n-Octacosane (C28)

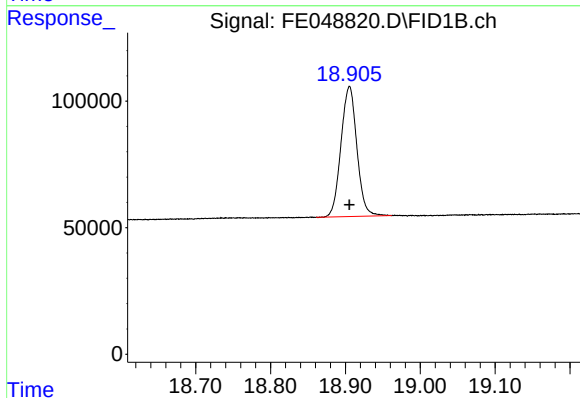
R.T.: 17.186 min
Delta R.T.: 0.000 min
Response: 743049
Conc: 5.15 ug/ml



#17 n-Tricontane (C30)

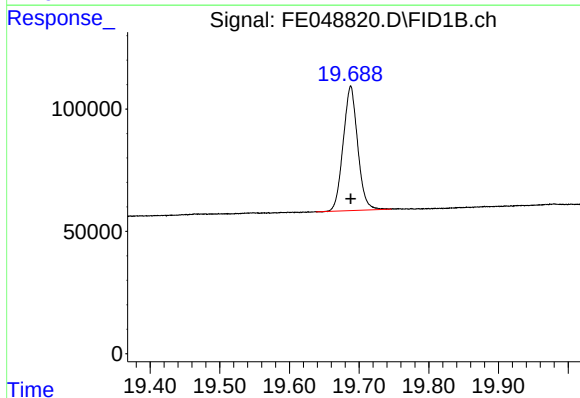
R.T.: 18.073 min
Delta R.T.: 0.000 min
Response: 765596
Conc: 5.23 ug/ml

Instrument :
FID_E
ClientSampleId :



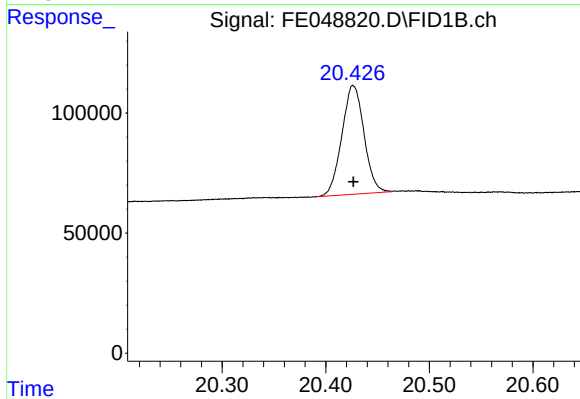
#18 n-Dotriacontane (C32)

R.T.: 18.906 min
Delta R.T.: 0.000 min
Response: 760218
Conc: 5.32 ug/ml



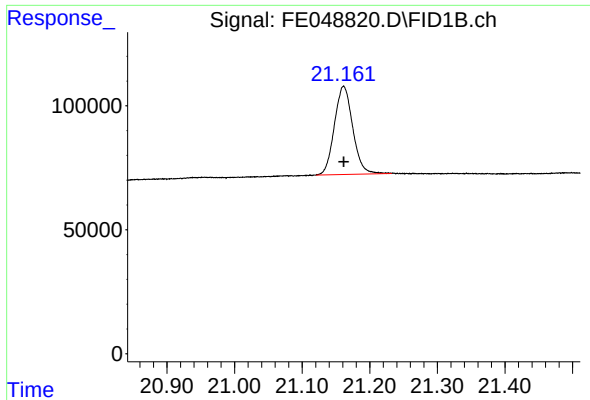
#19 n-Tetratriacontane (C34)

R.T.: 19.688 min
Delta R.T.: 0.000 min
Response: 736476
Conc: 5.32 ug/ml



#20 n-Hexatriacontane (C36)

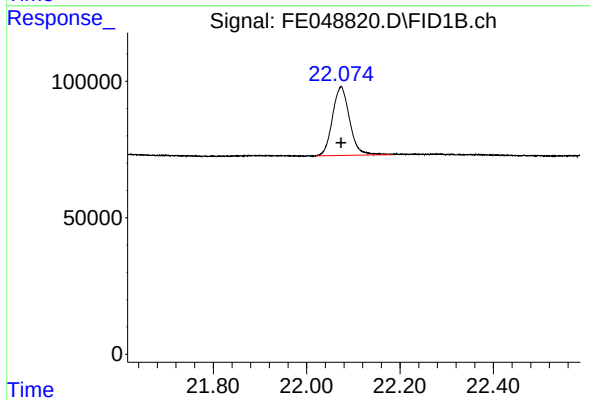
R.T.: 20.426 min
Delta R.T.: 0.000 min
Response: 672703
Conc: 5.18 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.161 min
Delta R.T.: 0.000 min
Response: 672910
Conc: 5.25 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.074 min
Delta R.T.: 0.000 min
Response: 638922
Conc: 5.22 ug/ml