

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE052824AL\
 Data File : FE048401.D
 Signal(s) : FID1B.ch
 Acq On : 28 May 2024 10:47
 Operator : YP\AJ
 Sample : PB161133BSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB161133BSD

Integration File: autoint1.e
 Quant Time: May 29 01:15:58 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 052524.M
 Quant Title : GC Extractables
 QLast Update : Fri May 24 16:28:51 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)	11.959	6611107	46.040 ug/ml
Spiked Amount 50.000		Recovery =	92.08%
12) S 1-chlorooctadecane (S...	13.391	5482280	50.323 ug/ml
Spiked Amount 50.000		Recovery =	100.65%
Target Compounds			
1) T n-Nonane (C9)	3.353	6017904	40.252 ug/ml
2) T n-Decane (C10)	4.597	6353267	42.074 ug/ml
3) T A~Naphthalene (C11.7)	6.300	6868162	46.127 ug/ml
4) T n-Dodecane (C12)	6.758	6308955	42.620 ug/ml
5) T A~2-methylnaphthalene...	7.395	6918898	49.901 ug/ml
6) T n-Tetradecane (C14)	8.588	6702541	47.256 ug/ml
7) T n-Hexadecane (C16)	10.194	6794359	48.194 ug/ml
8) T n-Octadecane (C18)	11.637	6683211	48.120 ug/ml
10) T n-Eicosane (C20)	12.948	6620000	50.025 ug/ml
11) T n-Heneicosane (C21)	13.558	6393446	49.359 ug/ml
13) T n-Docosane (C22)	14.145	6343166	49.224 ug/ml
14) T n-Tetracosane (C24)	15.240	11684122	90.190 ug/ml
15) T n-Hexacosane (C26)	16.268	6347901	48.978 ug/ml
16) T n-Octacosane (C28)	17.216	6521738	50.457 ug/ml
17) T n-Tricontane (C30)	18.103	6509539	48.592 ug/ml
18) T n-Dotriacontane (C32)	18.935	6753696	49.754 ug/ml
19) T n-Tetratriacontane (C34)	19.718	6902155	50.454 ug/ml
20) T n-Hexatriacontane (C36)	20.458	7059377	51.932 ug/ml
21) T n-Octatriacontane (C38)	21.197	7389398	54.185 ug/ml
22) T n-Tetracontane (C40)	22.122	7615212	55.617 ug/ml

(f)=RT Delta > 1/2 Window

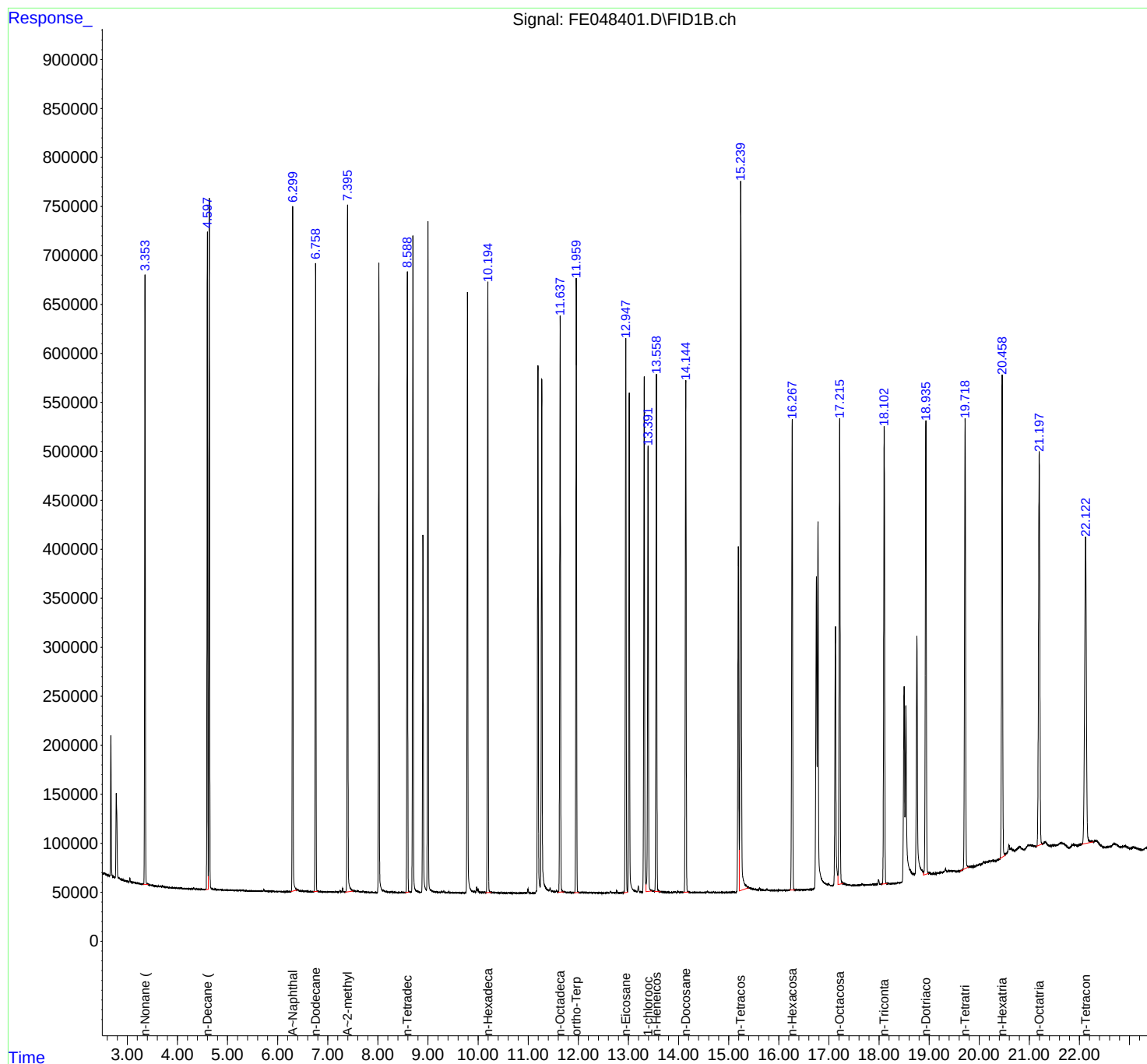
(m)=manual int.

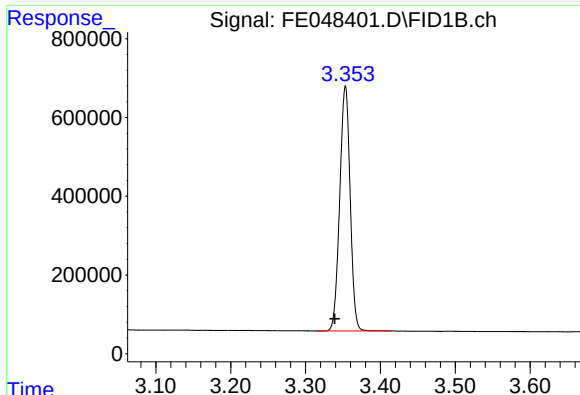
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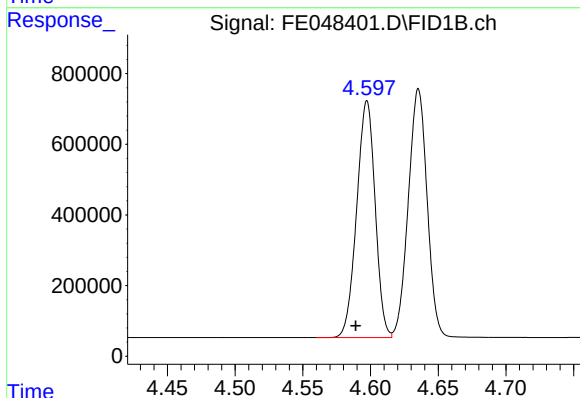




#1 n-Nonane (C9)

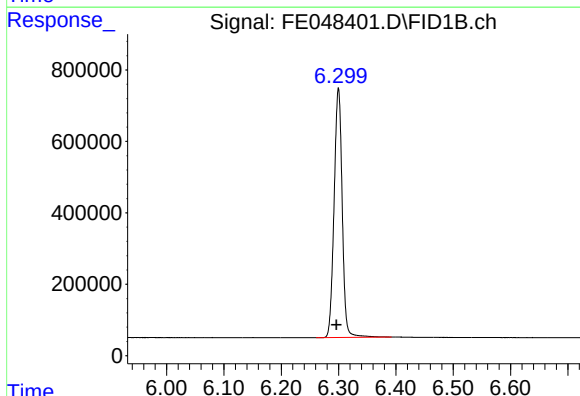
R.T.: 3.353 min
Delta R.T.: 0.014 min
Response: 6017904
Conc: 40.25 ug/ml

Instrument :
FID_E
ClientSampleId :
PB161133BSD



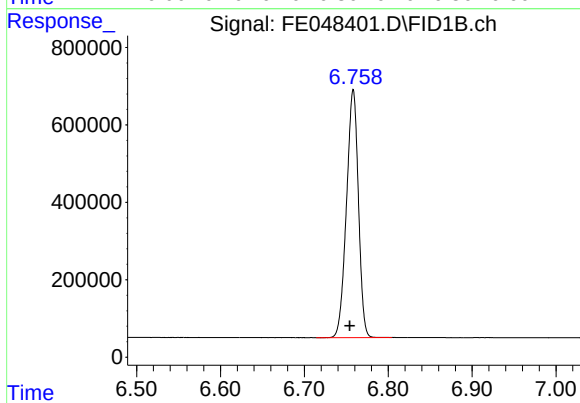
#2 n-Decane (C10)

R.T.: 4.597 min
Delta R.T.: 0.008 min
Response: 6353267
Conc: 42.07 ug/ml



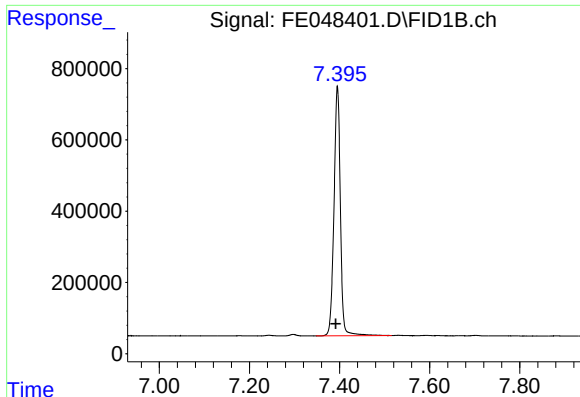
#3 A~Naphthalene (C11.7)

R.T.: 6.300 min
Delta R.T.: 0.004 min
Response: 6868162
Conc: 46.13 ug/ml



#4 n-Dodecane (C12)

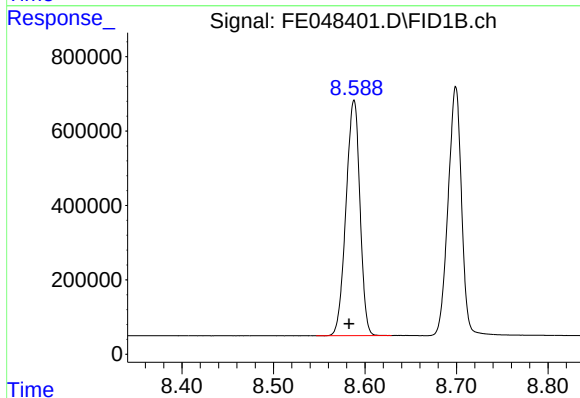
R.T.: 6.758 min
Delta R.T.: 0.004 min
Response: 6308955
Conc: 42.62 ug/ml



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

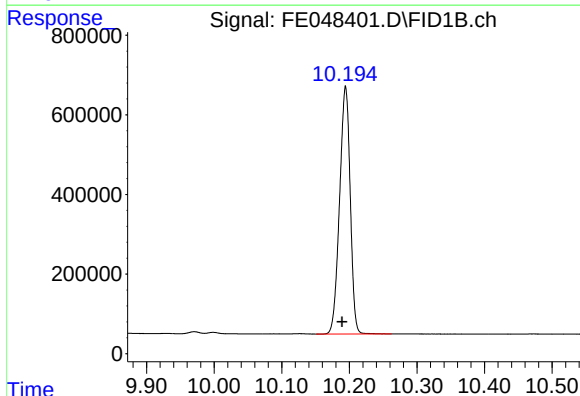
R.T.: 7.395 min
Delta R.T.: 0.004 min
Response: 6918898
Conc: 49.90 ug/ml

Instrument :
FID_E
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PB161133BSD



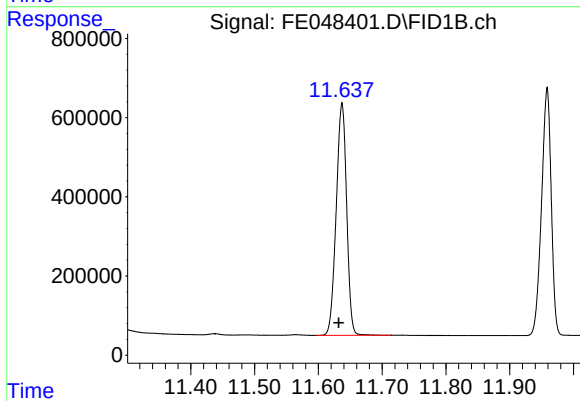
#6 n-Tetradecane (C14)

R.T.: 8.588 min
Delta R.T.: 0.006 min
Response: 6702541
Conc: 47.26 ug/ml



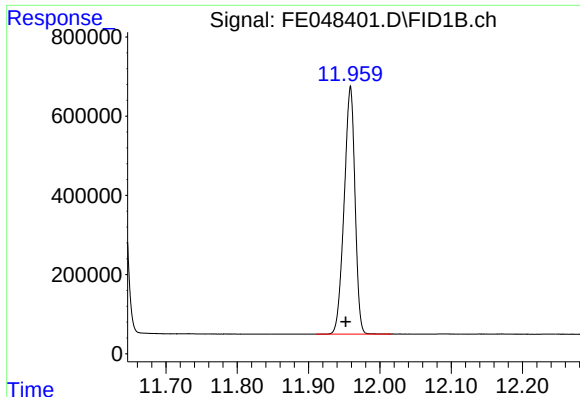
#7 n-Hexadecane (C16)

R.T.: 10.194 min
Delta R.T.: 0.005 min
Response: 6794359
Conc: 48.19 ug/ml



#8 n-Octadecane (C18)

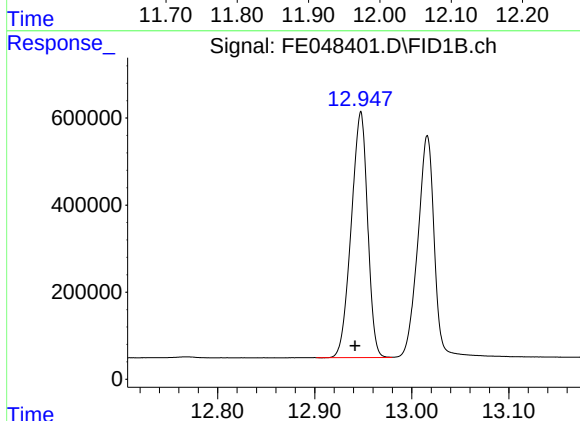
R.T.: 11.637 min
Delta R.T.: 0.005 min
Response: 6683211
Conc: 48.12 ug/ml



#9 ortho-Terphenyl (SURR)

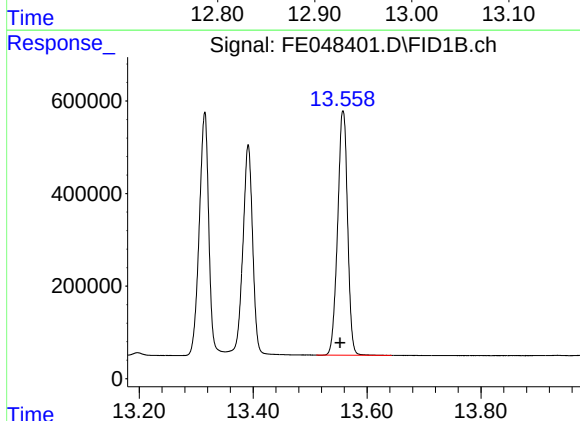
R.T.: 11.959 min
Delta R.T.: 0.007 min
Response: 6611107
Conc: 46.04 ug/ml

Instrument :
FID_E
ClientSampleId :
PB161133BSD



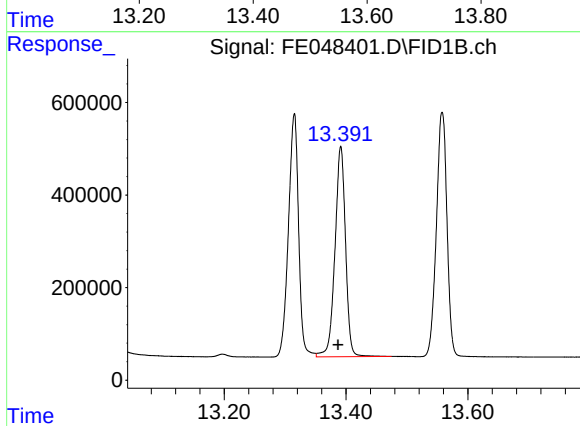
#10 n-Eicosane (C20)

R.T.: 12.948 min
Delta R.T.: 0.006 min
Response: 6620000
Conc: 50.02 ug/ml



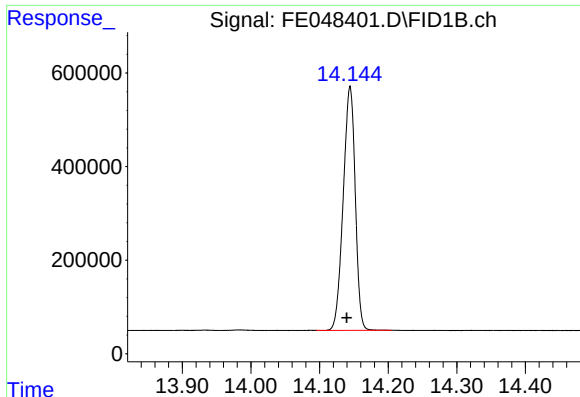
#11 n-Heneicosane (C21)

R.T.: 13.558 min
Delta R.T.: 0.005 min
Response: 6393446
Conc: 49.36 ug/ml



#12 1-chlorooctadecane (SURR)

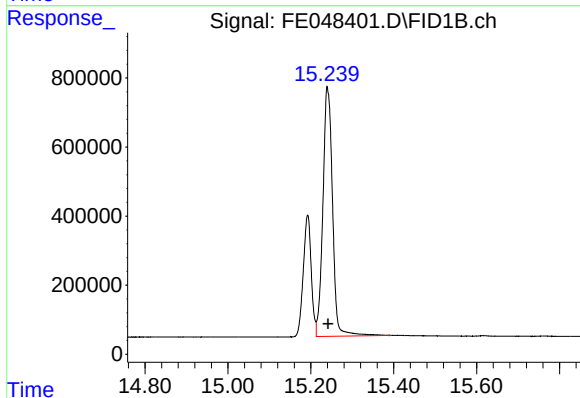
R.T.: 13.391 min
Delta R.T.: 0.005 min
Response: 5482280
Conc: 50.32 ug/ml



#13 n-Docosane (C22)

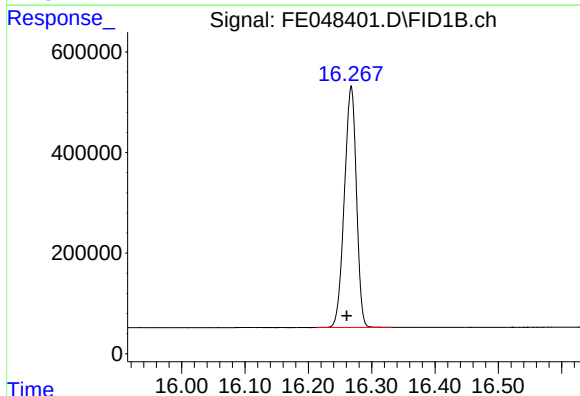
R.T.: 14.145 min
Delta R.T.: 0.005 min
Response: 6343166
Conc: 49.22 ug/ml

Instrument :
FID_E
ClientSampleId :
PB161133BSD



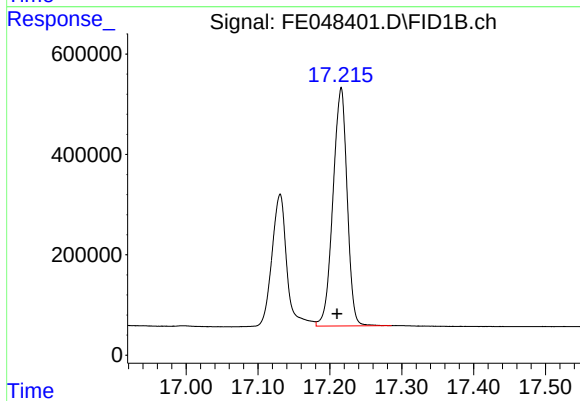
#14 n-Tetracosane (C24)

R.T.: 15.240 min
Delta R.T.: -0.002 min
Response: 11684122
Conc: 90.19 ug/ml



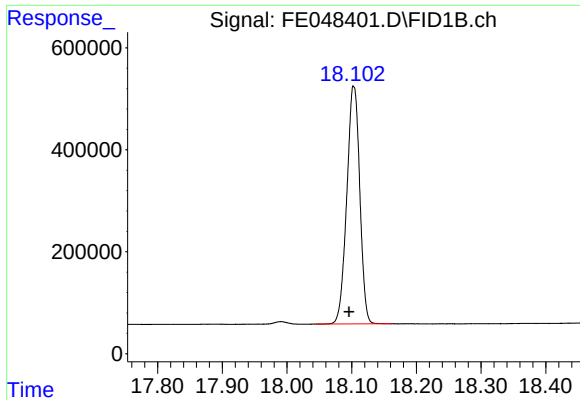
#15 n-Hexacosane (C26)

R.T.: 16.268 min
Delta R.T.: 0.007 min
Response: 6347901
Conc: 48.98 ug/ml



#16 n-Octacosane (C28)

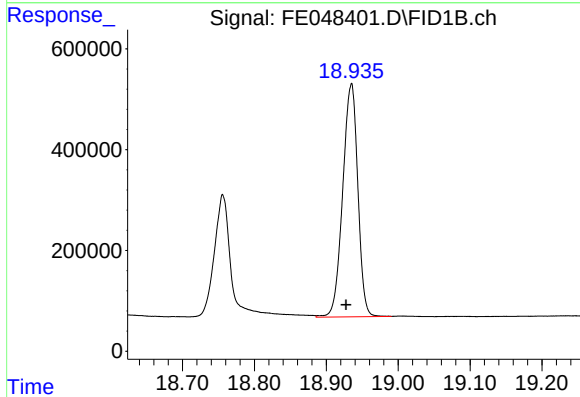
R.T.: 17.216 min
Delta R.T.: 0.006 min
Response: 6521738
Conc: 50.46 ug/ml



#17 n-Tricontane (C30)

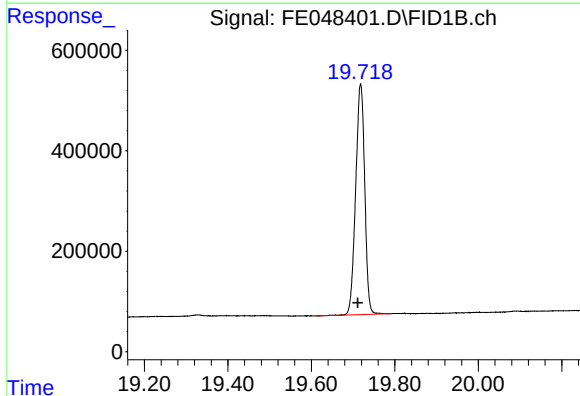
R.T.: 18.103 min
Delta R.T.: 0.007 min
Response: 6509539
Conc: 48.59 ug/ml

Instrument :
FID_E
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PB161133BSD



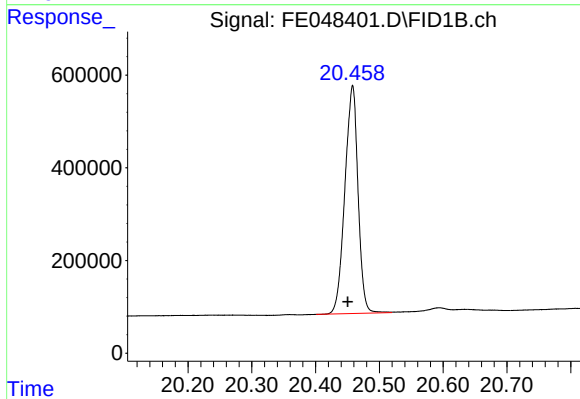
#18 n-Dotriacontane (C32)

R.T.: 18.935 min
Delta R.T.: 0.007 min
Response: 6753696
Conc: 49.75 ug/ml



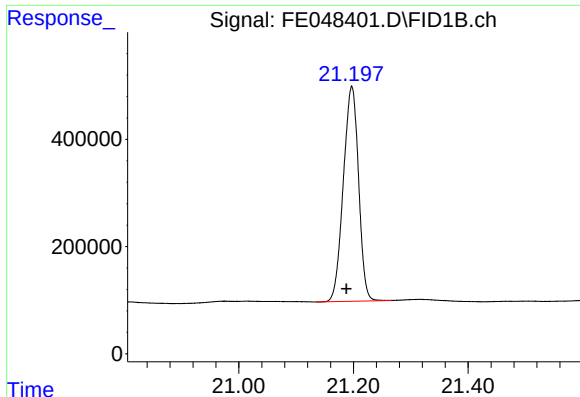
#19 n-Tetratriacontane (C34)

R.T.: 19.718 min
Delta R.T.: 0.007 min
Response: 6902155
Conc: 50.45 ug/ml



#20 n-Hexatriacontane (C36)

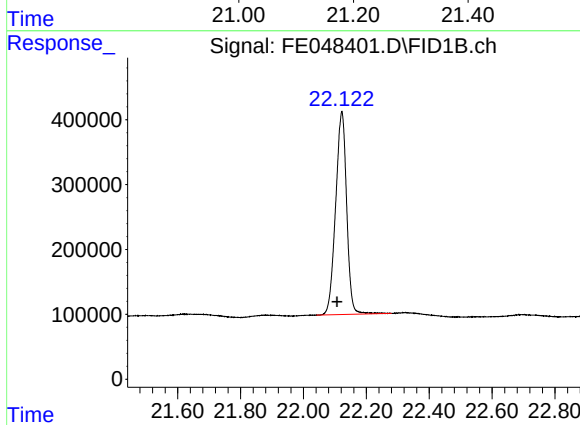
R.T.: 20.458 min
Delta R.T.: 0.008 min
Response: 7059377
Conc: 51.93 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.197 min
Delta R.T.: 0.009 min
Response: 7389398
Conc: 54.19 ug/ml

Instrument :
FID_E
ClientSampleId :
PB161133BSD



#22 n-Tetracontane (C40)

R.T.: 22.122 min
Delta R.T.: 0.015 min
Response: 7615212
Conc: 55.62 ug/ml