

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE052324AL\
 Data File : FE048366.D
 Signal(s) : FID1B.ch
 Acq On : 23 May 2024 23:31
 Operator : YP\AJ
 Sample : PB161082BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB161082BS

Integration File: autoint1.e
 Quant Time: May 24 01:36:02 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042724.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 29 03:29:12 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)	11.958	7068514	48.997 ug/ml
Spiked Amount 50.000		Recovery =	97.99%
12) S 1-chlorooctadecane (S...	13.390	5963927	53.373 ug/ml
Spiked Amount 50.000		Recovery =	106.75%
Target Compounds			
1) T n-Nonane (C9)	3.353	5946366	46.139 ug/ml
2) T n-Decane (C10)	4.598	6259025	47.541 ug/ml
3) T A~Naphthalene (C11.7)	6.298	6734961	48.775 ug/ml
4) T n-Dodecane (C12)	6.757	6065680	45.500 ug/ml
5) T A~2-methylnaphthalene...	7.394	6715455	50.464 ug/ml
6) T n-Tetradecane (C14)	8.587	6489454	48.969 ug/ml
7) T n-Hexadecane (C16)	10.194	7005364	50.936 ug/ml
8) T n-Octadecane (C18)	11.637	7082386	50.844 ug/ml
10) T n-Eicosane (C20)	12.945	7064730	52.470 ug/ml
11) T n-Heneicosane (C21)	13.557	6819917	51.520 ug/ml
13) T n-Docosane (C22)	14.142	6761119	51.020 ug/ml
14) T n-Tetracosane (C24)	15.238	12262255	92.091 ug/ml
15) T n-Hexacosane (C26)	16.266	6744262	50.540 ug/ml
16) T n-Octacosane (C28)	17.213	7003339	52.599 ug/ml
17) T n-Tricontane (C30)	18.102	6908488	50.057 ug/ml
18) T n-Dotriacontane (C32)	18.931	7221270	52.280 ug/ml
19) T n-Tetratriacontane (C34)	19.716	7281572	53.454 ug/ml
20) T n-Hexatriacontane (C36)	20.455	7359531	54.354 ug/ml
21) T n-Octatriacontane (C38)	21.193	7646072	55.379 ug/ml
22) T n-Tetracontane (C40)	22.114	7466147	53.589 ug/ml

(f)=RT Delta > 1/2 Window

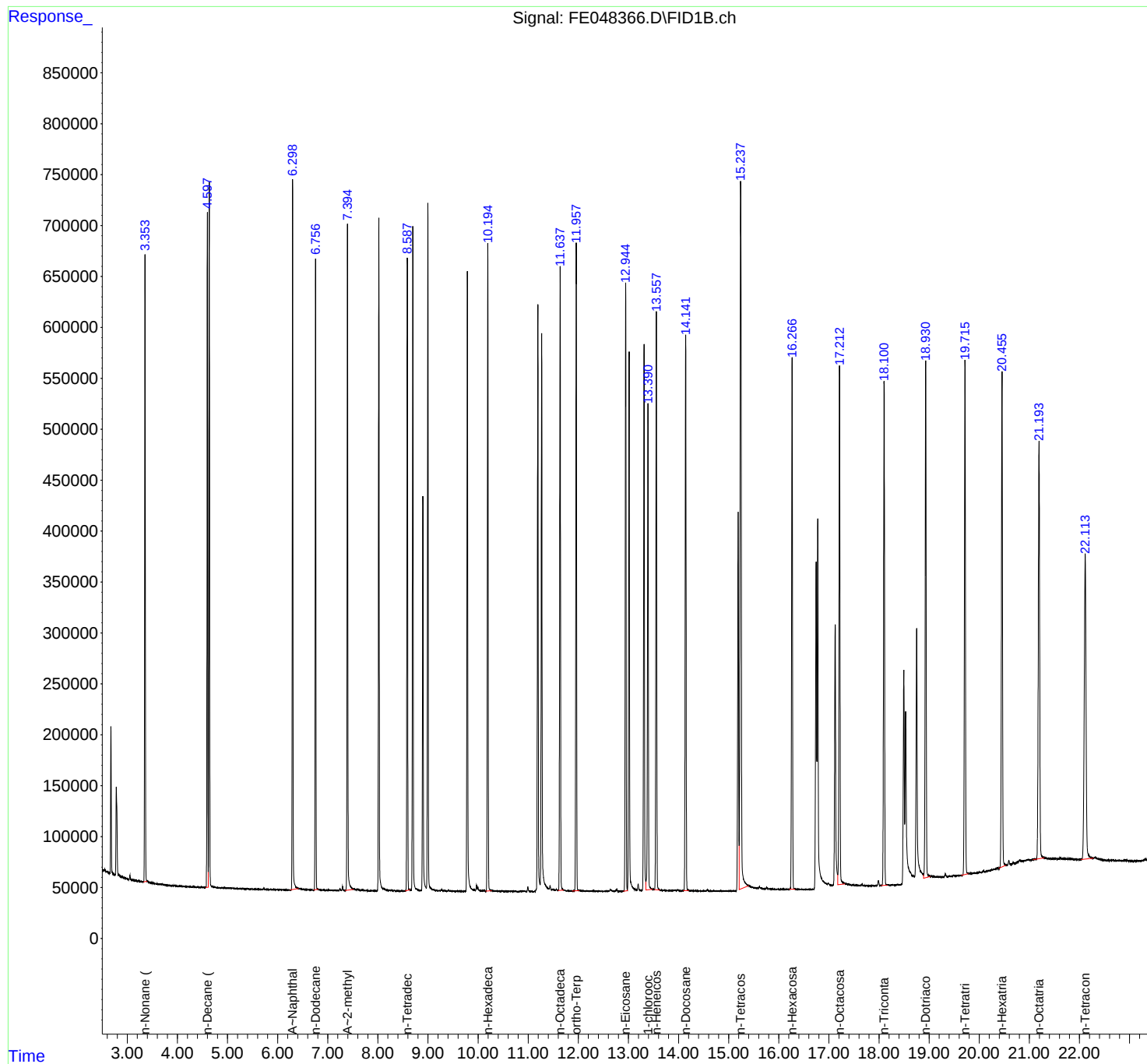
(m)=manual int.

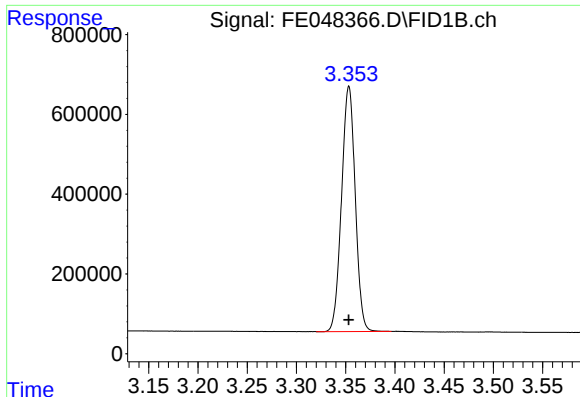
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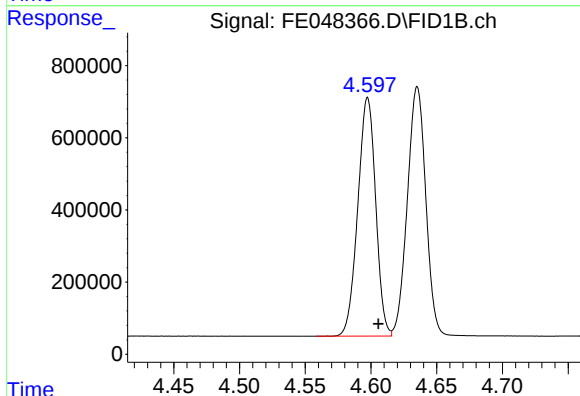




#1 n-Nonane (C9)

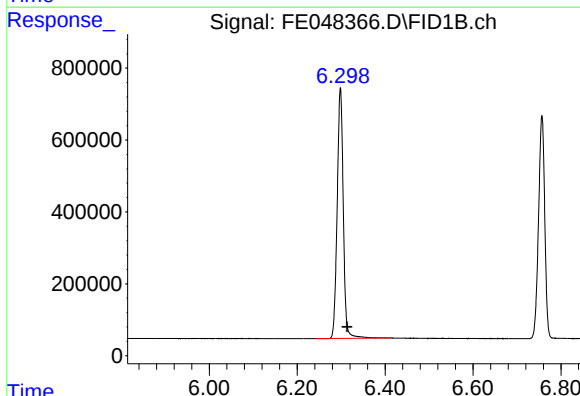
R.T.: 3.353 min
Delta R.T.: 0.000 min
Response: 5946366
Conc: 46.14 ug/ml

Instrument :
FID_E
ClientSampleId :
PB161082BS



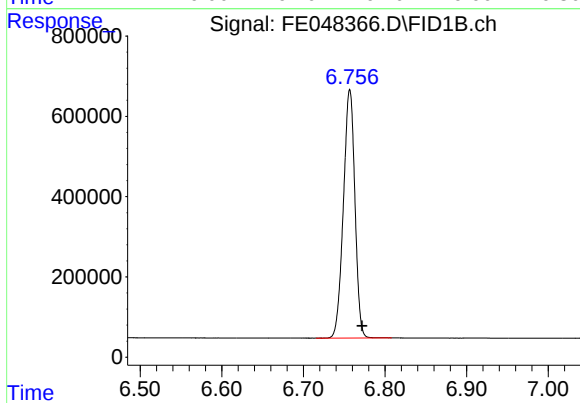
#2 n-Decane (C10)

R.T.: 4.598 min
Delta R.T.: -0.008 min
Response: 6259025
Conc: 47.54 ug/ml



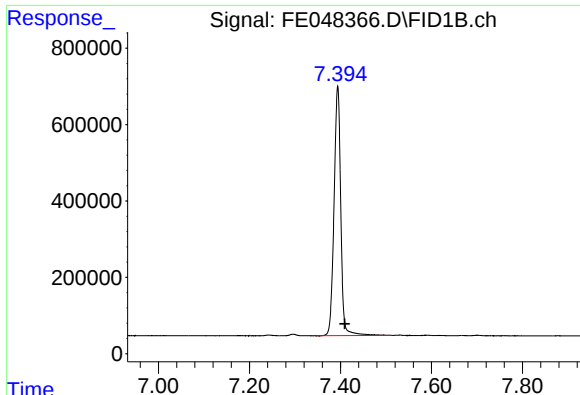
#3 A~Naphthalene (C11.7)

R.T.: 6.298 min
Delta R.T.: -0.015 min
Response: 6734961
Conc: 48.77 ug/ml



#4 n-Dodecane (C12)

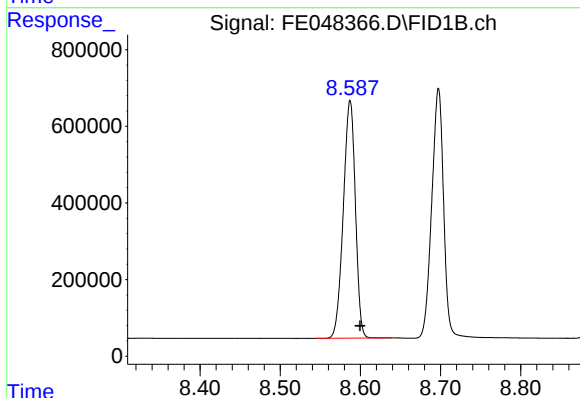
R.T.: 6.757 min
Delta R.T.: -0.015 min
Response: 6065680
Conc: 45.50 ug/ml



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

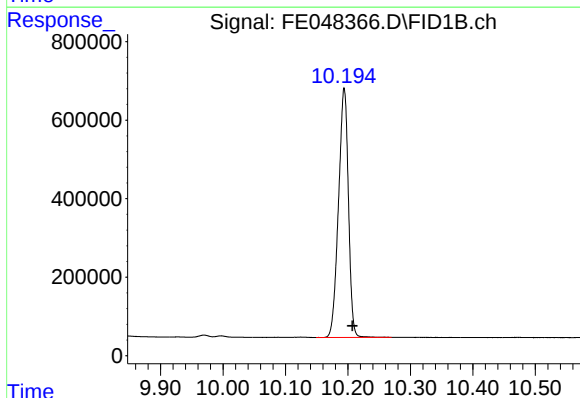
R.T.: 7.394 min
Delta R.T.: -0.015 min
Response: 6715455
Conc: 50.46 ug/ml

Instrument :
FID_E
ClientSampleId :
PB161082BS



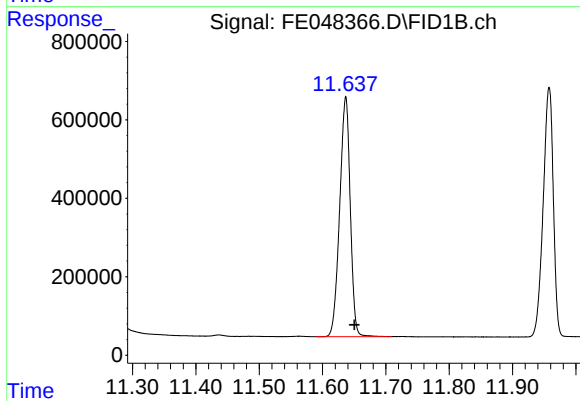
#6 n-Tetradecane (C14)

R.T.: 8.587 min
Delta R.T.: -0.012 min
Response: 6489454
Conc: 48.97 ug/ml



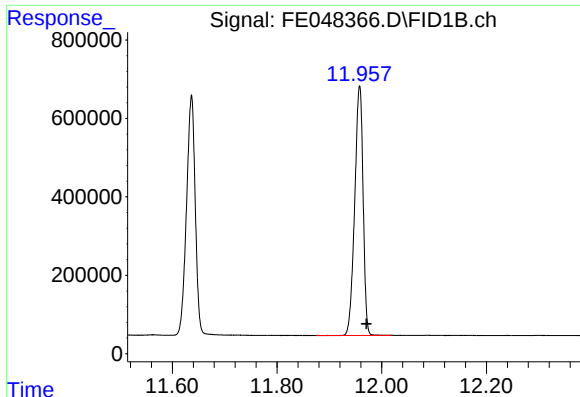
#7 n-Hexadecane (C16)

R.T.: 10.194 min
Delta R.T.: -0.013 min
Response: 7005364
Conc: 50.94 ug/ml



#8 n-Octadecane (C18)

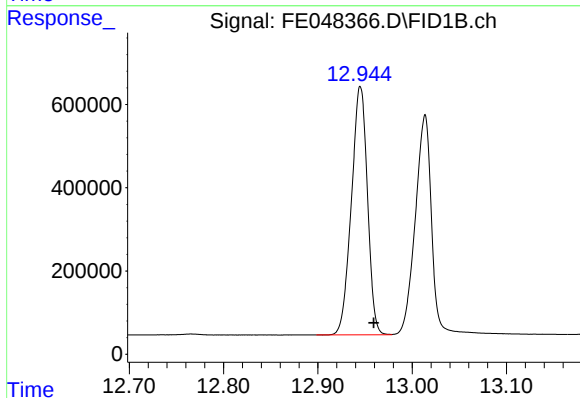
R.T.: 11.637 min
Delta R.T.: -0.014 min
Response: 7082386
Conc: 50.84 ug/ml



#9 ortho-Terphenyl (SURR)

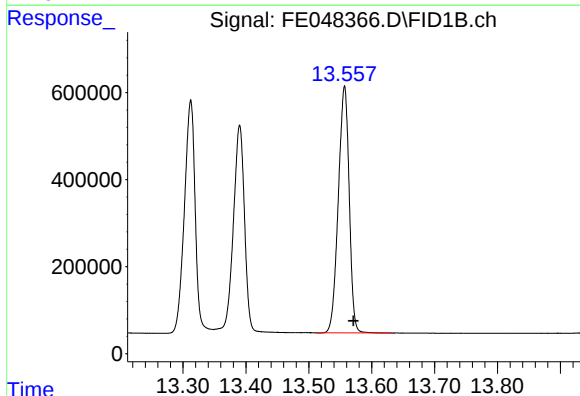
R.T.: 11.958 min
Delta R.T.: -0.013 min
Response: 7068514
Conc: 49.00 ug/ml

Instrument :
FID_E
ClientSampleId :
PB161082BS



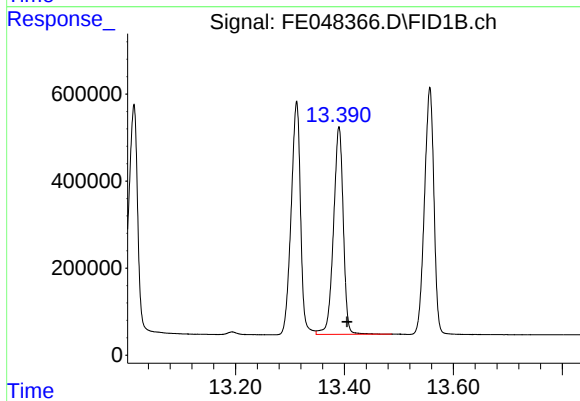
#10 n-Eicosane (C20)

R.T.: 12.945 min
Delta R.T.: -0.014 min
Response: 7064730
Conc: 52.47 ug/ml



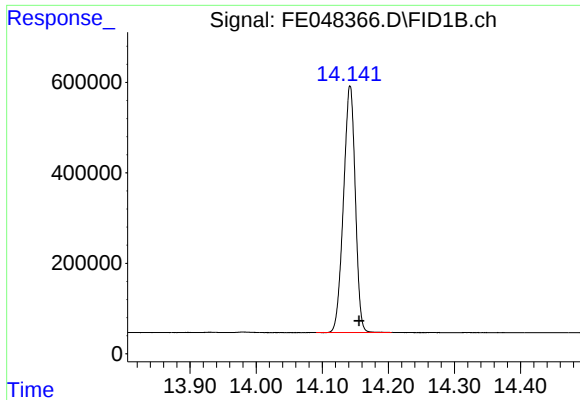
#11 n-Heneicosane (C21)

R.T.: 13.557 min
Delta R.T.: -0.014 min
Response: 6819917
Conc: 51.52 ug/ml



#12 1-chlorooctadecane (SURR)

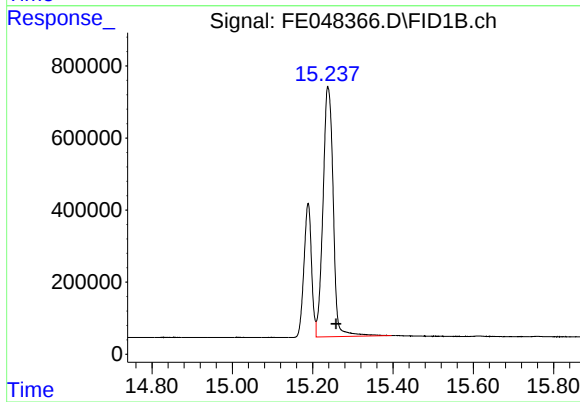
R.T.: 13.390 min
Delta R.T.: -0.015 min
Response: 5963927
Conc: 53.37 ug/ml



#13 n-Docosane (C22)

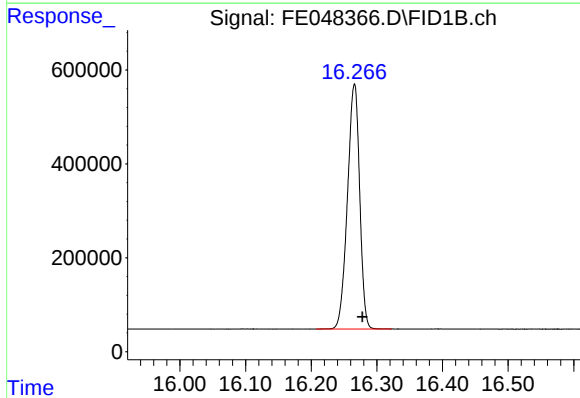
R.T.: 14.142 min
Delta R.T.: -0.013 min
Response: 6761119
Conc: 51.02 ug/ml

Instrument :
FID_E
ClientSampleId :
PB161082BS



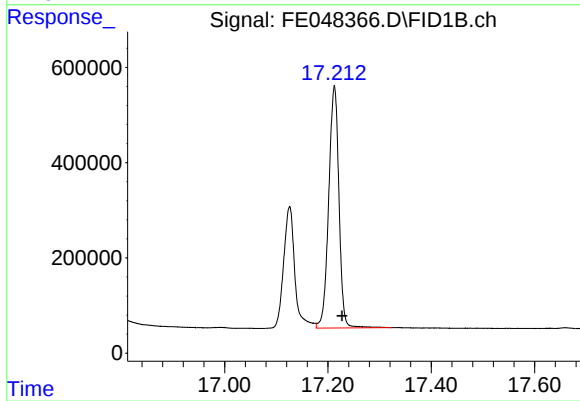
#14 n-Tetracosane (C24)

R.T.: 15.238 min
Delta R.T.: -0.020 min
Response: 12262255
Conc: 92.09 ug/ml



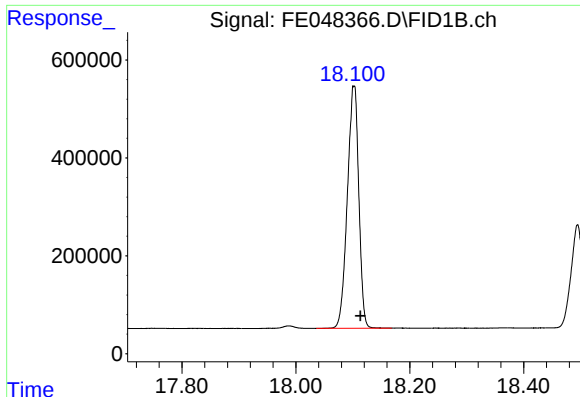
#15 n-Hexacosane (C26)

R.T.: 16.266 min
Delta R.T.: -0.012 min
Response: 6744262
Conc: 50.54 ug/ml



#16 n-Octacosane (C28)

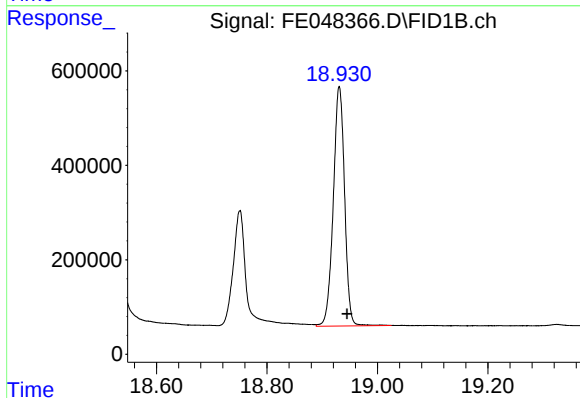
R.T.: 17.213 min
Delta R.T.: -0.015 min
Response: 7003339
Conc: 52.60 ug/ml



#17 n-Tricontane (C30)

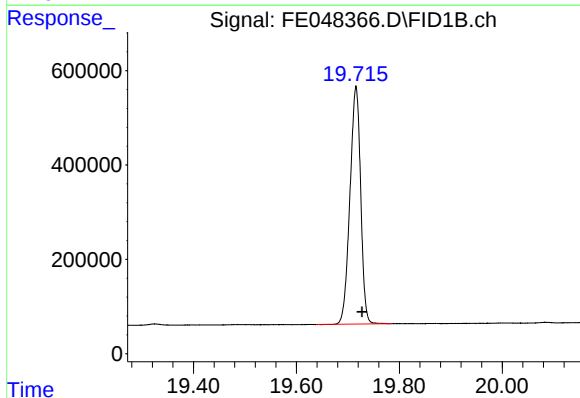
R.T.: 18.102 min
Delta R.T.: -0.011 min
Response: 6908488
Conc: 50.06 ug/ml

Instrument :
FID_E
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PB161082BS



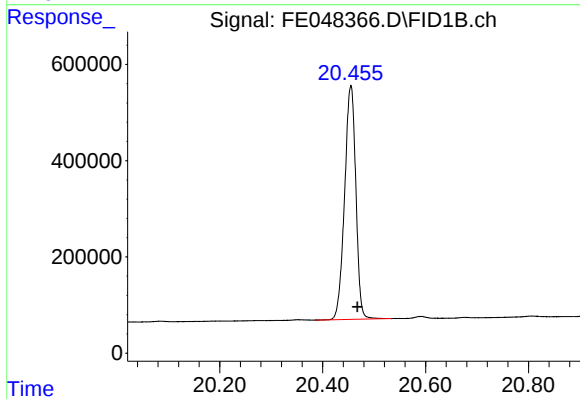
#18 n-Dotriacontane (C32)

R.T.: 18.931 min
Delta R.T.: -0.014 min
Response: 7221270
Conc: 52.28 ug/ml



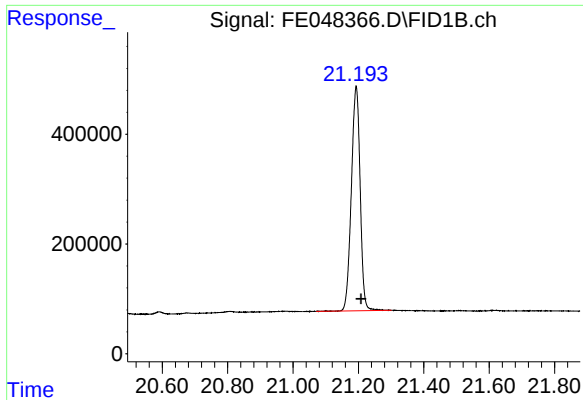
#19 n-Tetratriacontane (C34)

R.T.: 19.716 min
Delta R.T.: -0.012 min
Response: 7281572
Conc: 53.45 ug/ml



#20 n-Hexatriacontane (C36)

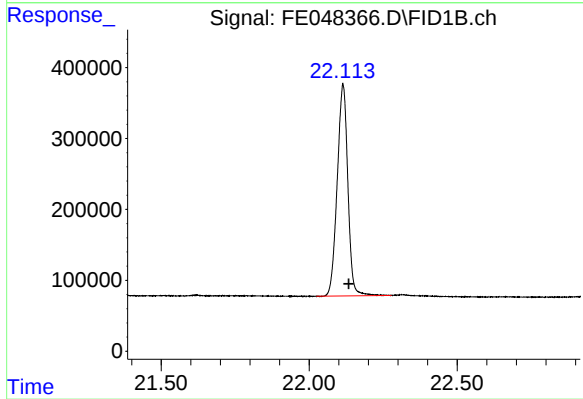
R.T.: 20.455 min
Delta R.T.: -0.012 min
Response: 7359531
Conc: 54.35 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.193 min
Delta R.T.: -0.014 min
Response: 7646072
Conc: 55.38 ug/ml

Instrument :
FID_E
ClientSampleId :
PB161082BS



#22 n-Tetracontane (C40)

R.T.: 22.114 min
Delta R.T.: -0.020 min
Response: 7466147
Conc: 53.59 ug/ml