

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE042224AL\
 Data File : FE047725.D
 Signal(s) : FID1B.ch
 Acq On : 22 Apr 2024 14:25
 Operator : YP\AJ
 Sample : PB160421BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB160421BS

Integration File: autoint1.e
 Quant Time: Apr 23 01:20:35 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 040224.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 02 05:28:28 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)	11.980	6257241	36.076 ug/ml
Spiked Amount 50.000		Recovery =	72.15%
12) S 1-chlorooctadecane (S...	13.412	5253034	39.057 ug/ml
Spiked Amount 50.000		Recovery =	78.11%
Target Compounds			
1) T n-Nonane (C9)	3.366	5583153	35.687 ug/ml
2) T n-Decane (C10)	4.614	5849210	36.394 ug/ml
3) T A~Naphthalene (C11.7)	6.320	6377620	37.614 ug/ml
4) T n-Dodecane (C12)	6.778	6200454	38.202 ug/ml
5) T A~2-methylnaphthalene...	7.416	6574707	40.035 ug/ml
6) T n-Tetradecane (C14)	8.608	7101070	44.141 ug/ml
7) T n-Hexadecane (C16)	10.215	8051048	48.478 ug/ml
8) T n-Octadecane (C18)	11.659	8517929	50.793 ug/ml
10) T n-Eicosane (C20)	12.969	8647151	53.376 ug/ml
11) T n-Heneicosane (C21)	13.580	8419592	53.062 ug/ml
13) T n-Docosane (C22)	14.167	8365850	52.130 ug/ml
14) T n-Tetracosane (C24)	15.264	14484728	87.752 ug/ml
15) T n-Hexacosane (C26)	16.291	8192322	49.561 ug/ml
16) T n-Octacosane (C28)	17.239	8364854	50.477 ug/ml
17) T n-Tricontane (C30)	18.128	8245721	48.568 ug/ml
18) T n-Dotriacontane (C32)	18.958	8224830	49.324 ug/ml
19) T n-Tetratriacontane (C34)	19.743	8483775	52.896 ug/ml
20) T n-Hexatriacontane (C36)	20.482	8621972	54.057 ug/ml
21) T n-Octatriacontane (C38)	21.227	8715230	53.624 ug/ml
22) T n-Tetracontane (C40)	22.159	8646992	52.814 ug/ml

(f)=RT Delta > 1/2 Window

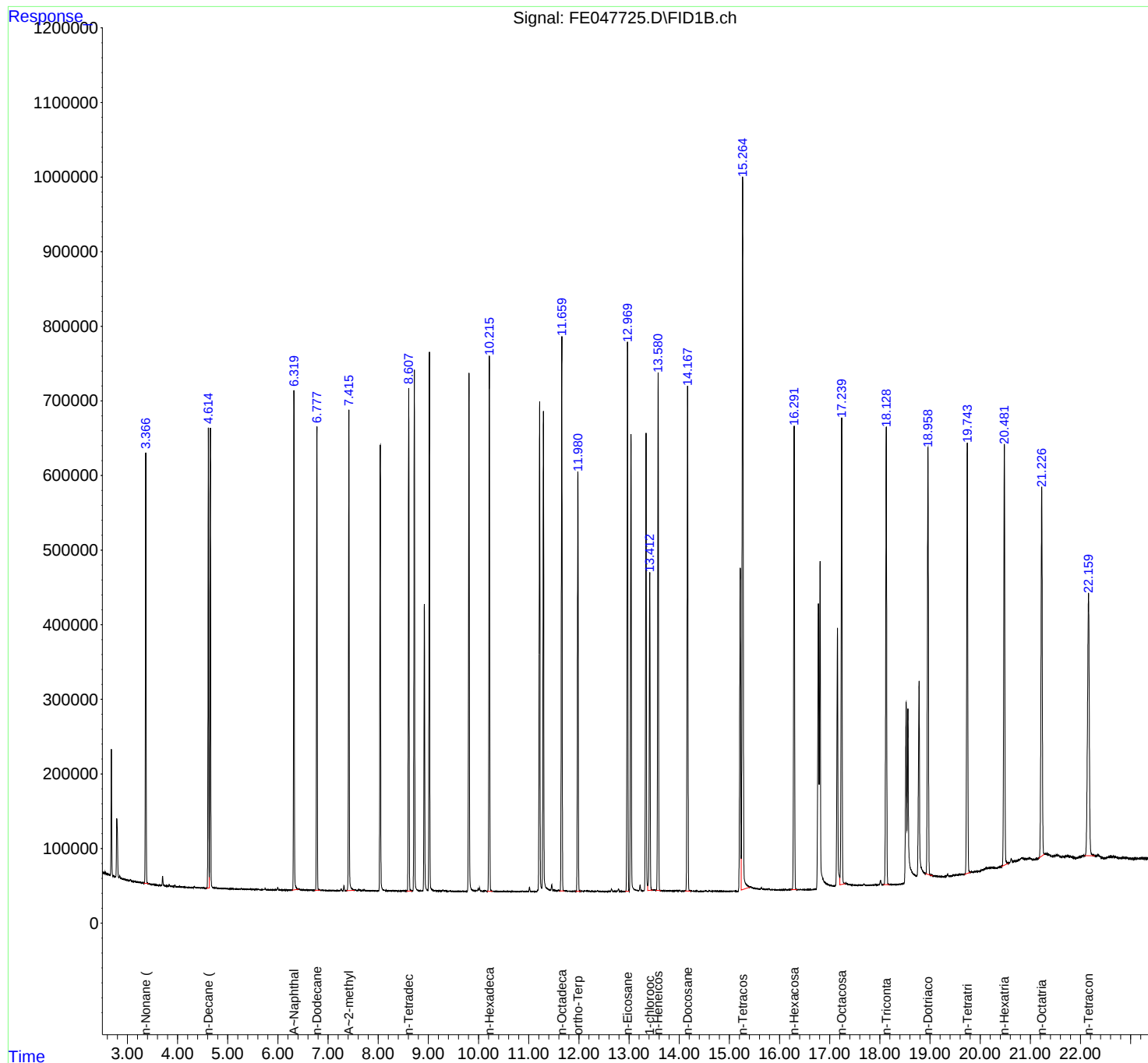
(m)=manual int.

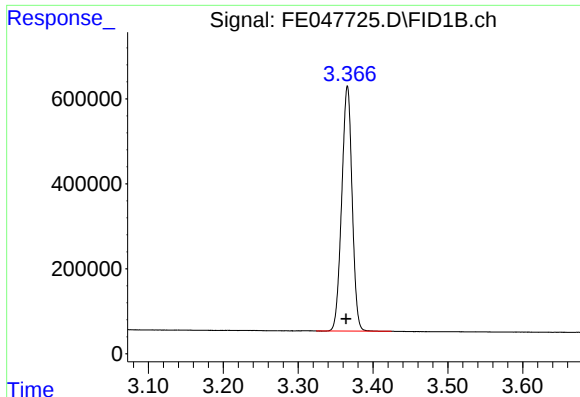
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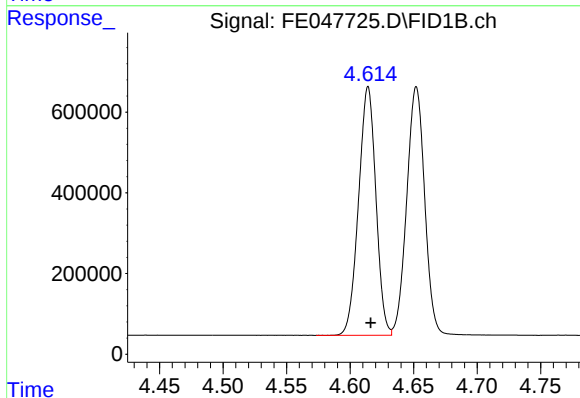




#1 n-Nonane (C9)

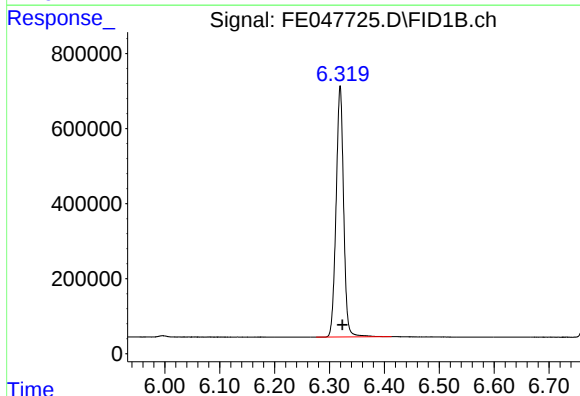
R.T.: 3.366 min
Delta R.T.: 0.002 min
Response: 5583153
Conc: 35.69 ug/ml

Instrument :
FID_E
ClientSampleId :
PB160421BS



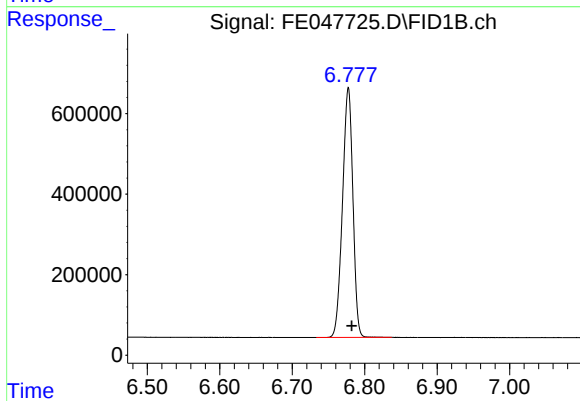
#2 n-Decane (C10)

R.T.: 4.614 min
Delta R.T.: -0.002 min
Response: 5849210
Conc: 36.39 ug/ml



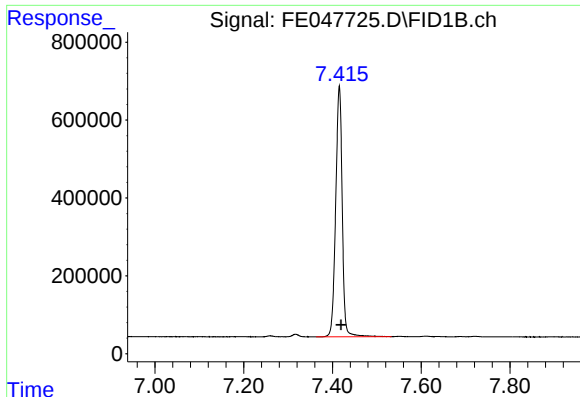
#3 A~Naphthalene (C11.7)

R.T.: 6.320 min
Delta R.T.: -0.004 min
Response: 6377620
Conc: 37.61 ug/ml



#4 n-Dodecane (C12)

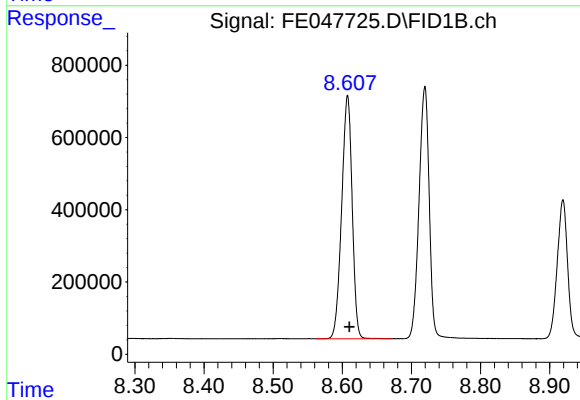
R.T.: 6.778 min
Delta R.T.: -0.005 min
Response: 6200454
Conc: 38.20 ug/ml



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

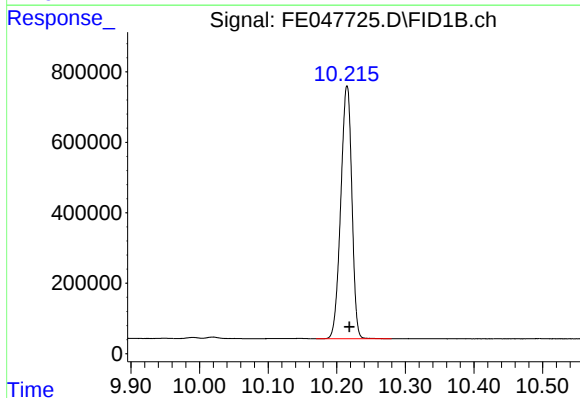
R.T.: 7.416 min
Delta R.T.: -0.004 min
Response: 6574707
Conc: 40.04 ug/ml

Instrument :
FID_E
ClientSampleId :
PB160421BS



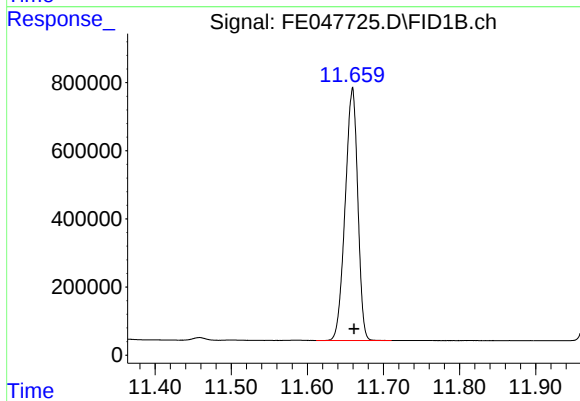
#6 n-Tetradecane (C14)

R.T.: 8.608 min
Delta R.T.: -0.003 min
Response: 7101070
Conc: 44.14 ug/ml



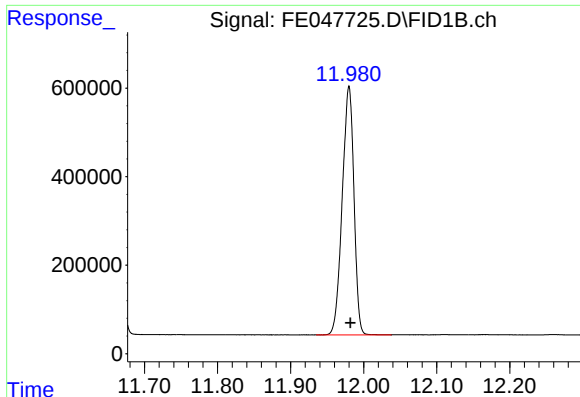
#7 n-Hexadecane (C16)

R.T.: 10.215 min
Delta R.T.: -0.004 min
Response: 8051048
Conc: 48.48 ug/ml



#8 n-Octadecane (C18)

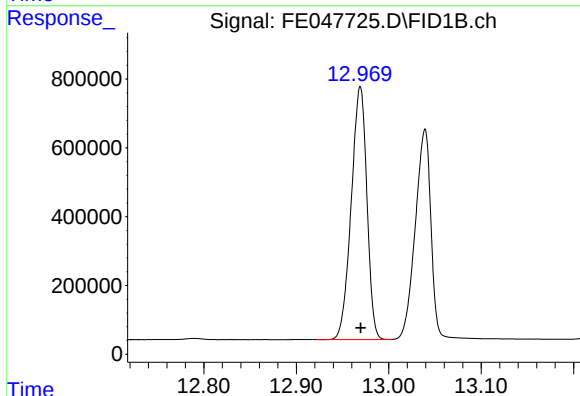
R.T.: 11.659 min
Delta R.T.: -0.002 min
Response: 8517929
Conc: 50.79 ug/ml



#9 ortho-Terphenyl (SURR)

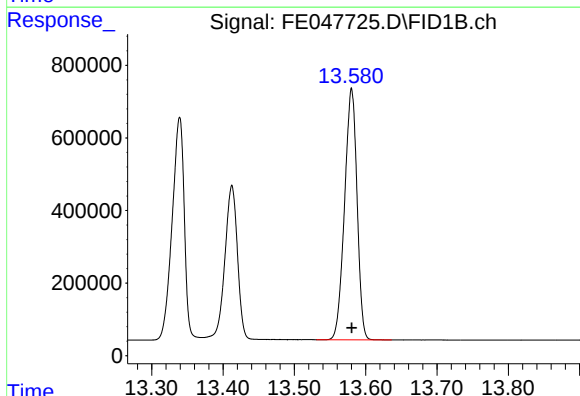
R.T.: 11.980 min
Delta R.T.: -0.002 min
Response: 6257241
Conc: 36.08 ug/ml

Instrument :
FID_E
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PB160421BS



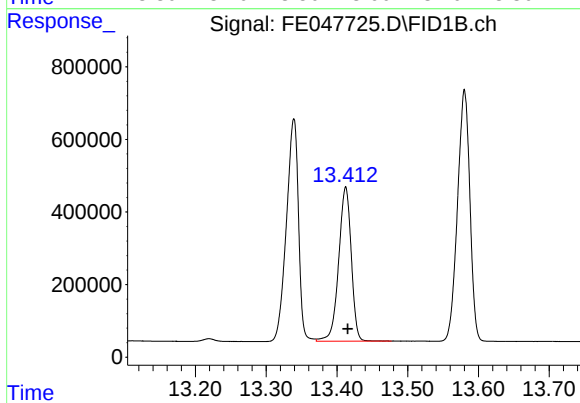
#10 n-Eicosane (C20)

R.T.: 12.969 min
Delta R.T.: 0.000 min
Response: 8647151
Conc: 53.38 ug/ml



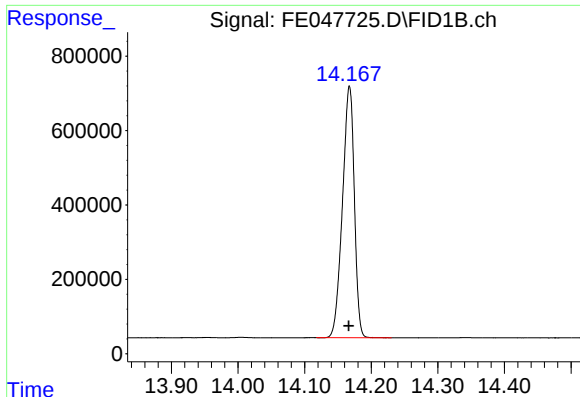
#11 n-Heneicosane (C21)

R.T.: 13.580 min
Delta R.T.: 0.000 min
Response: 8419592
Conc: 53.06 ug/ml



#12 1-chlorooctadecane (SURR)

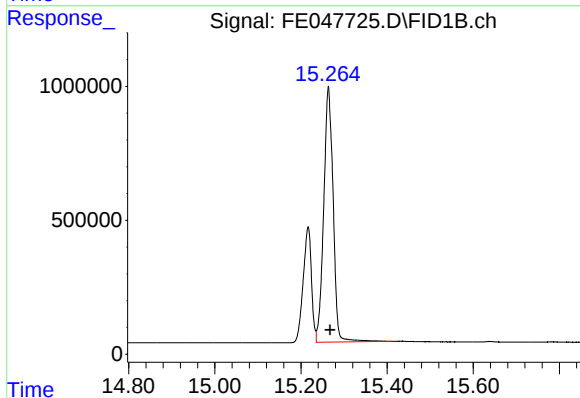
R.T.: 13.412 min
Delta R.T.: -0.003 min
Response: 5253034
Conc: 39.06 ug/ml



#13 n-Docosane (C22)

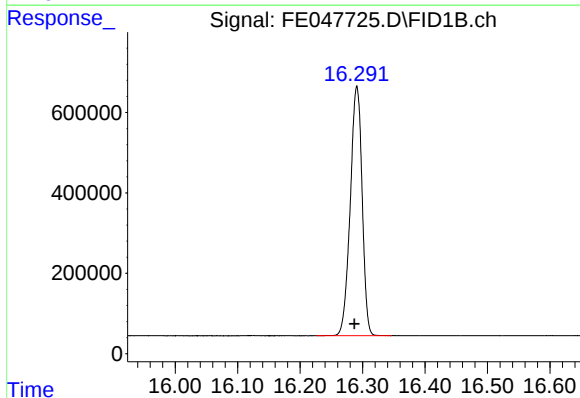
R.T.: 14.167 min
Delta R.T.: 0.001 min
Response: 8365850
Conc: 52.13 ug/ml

Instrument :
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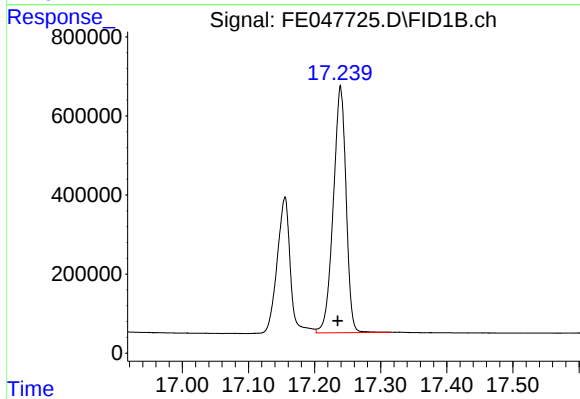
#14 n-Tetracosane (C24)

R.T.: 15.264 min
Delta R.T.: -0.004 min
Response: 14484728
Conc: 87.75 ug/ml



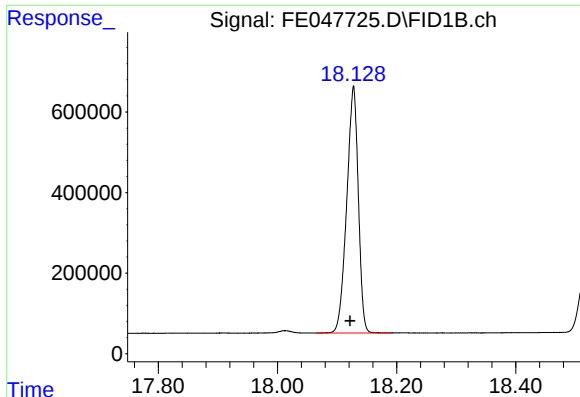
#15 n-Hexacosane (C26)

R.T.: 16.291 min
Delta R.T.: 0.004 min
Response: 8192322
Conc: 49.56 ug/ml



#16 n-Octacosane (C28)

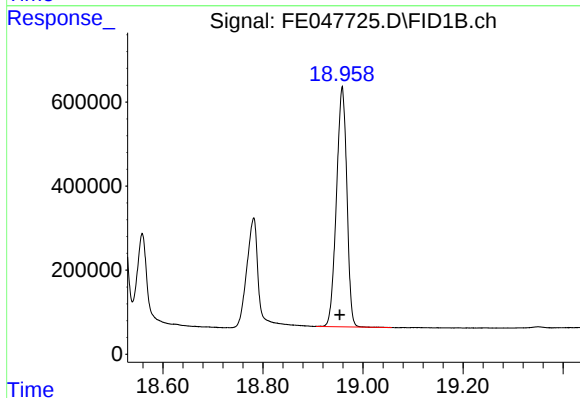
R.T.: 17.239 min
Delta R.T.: 0.004 min
Response: 8364854
Conc: 50.48 ug/ml



#17 n-Tricontane (C30)

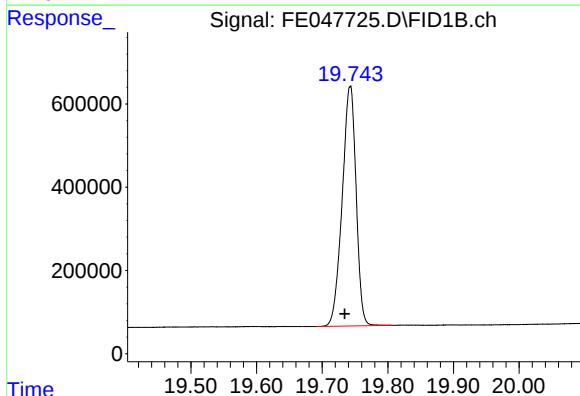
R.T.: 18.128 min
Delta R.T.: 0.006 min
Response: 8245721
Conc: 48.57 ug/ml

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PB160421BS



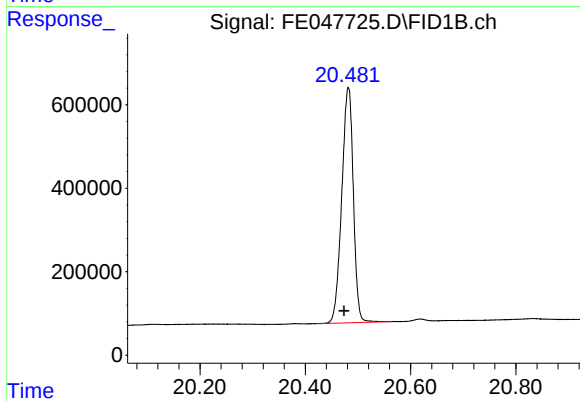
#18 n-Dotriacontane (C32)

R.T.: 18.958 min
Delta R.T.: 0.005 min
Response: 8224830
Conc: 49.32 ug/ml



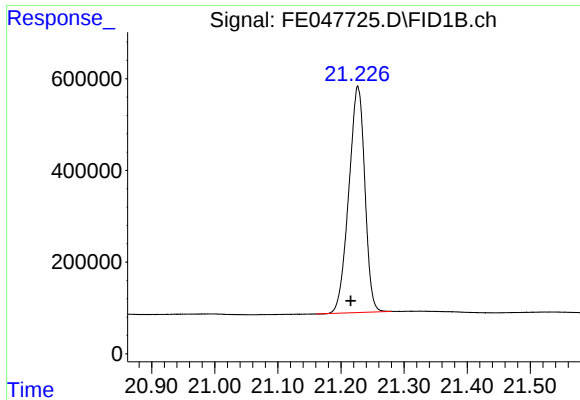
#19 n-Tetratriacontane (C34)

R.T.: 19.743 min
Delta R.T.: 0.008 min
Response: 8483775
Conc: 52.90 ug/ml



#20 n-Hexatriacontane (C36)

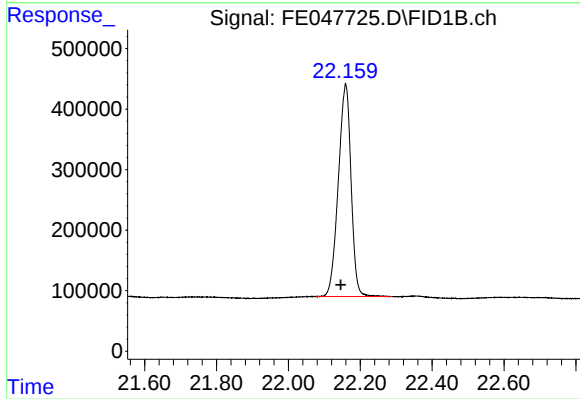
R.T.: 20.482 min
Delta R.T.: 0.008 min
Response: 8621972
Conc: 54.06 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.227 min
Delta R.T.: 0.011 min
Response: 8715230
Conc: 53.62 ug/ml

Instrument :
FID_E
ClientSampleId :
PB160421BS



#22 n-Tetracontane (C40)

R.T.: 22.159 min
Delta R.T.: 0.013 min
Response: 8646992
Conc: 52.81 ug/ml