

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE082124AL\
 Data File : FE049690.D
 Signal(s) : FID1B.ch
 Acq On : 21 Aug 2024 14:36
 Operator : YP\AJ
 Sample : PB162879BSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB162879BSD

Integration File: autoint1.e
 Quant Time: Aug 22 01:10:49 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)	11.889	7106157	43.944 ug/ml
Spiked Amount 50.000		Recovery =	87.89%
12) S 1-chlorooctadecane (S...	13.323	5503070	45.105 ug/ml
Spiked Amount 50.000		Recovery =	90.21%
Target Compounds			
1) T n-Nonane (C9)	3.284	5436629	35.131 ug/ml
2) T n-Decane (C10)	4.531	5782554	36.624 ug/ml
3) T A~Naphthalene (C11.7)	6.234	6086675	37.934 ug/ml
4) T n-Dodecane (C12)	6.695	6113053	38.885 ug/ml
5) T A~2-methylnaphthalene...	7.330	6013298	40.154 ug/ml
6) T n-Tetradecane (C14)	8.524	6513045	42.188 ug/ml
7) T n-Hexadecane (C16)	10.128	6687010	42.816 ug/ml
8) T n-Octadecane (C18)	11.571	6811165	43.369 ug/ml
10) T n-Eicosane (C20)	12.879	6806811	45.589 ug/ml
11) T n-Heneicosane (C21)	13.490	6612328	45.075 ug/ml
13) T n-Docosane (C22)	14.076	6525016	44.768 ug/ml
14) T n-Tetracosane (C24)	15.173	11899617	81.804 ug/ml
15) T n-Hexacosane (C26)	16.199	6384526	44.237 ug/ml
16) T n-Octacosane (C28)	17.146	6916152	48.016 ug/ml
17) T n-Tricontane (C30)	18.033	6520694	43.557 ug/ml
18) T n-Dotriacontane (C32)	18.863	6462739	42.720 ug/ml
19) T n-Tetratriacontane (C34)	19.647	6970835	45.597 ug/ml
20) T n-Hexatriacontane (C36)	20.386	7021667	46.240 ug/ml
21) T n-Octatriacontane (C38)	21.114	7313939	46.600 ug/ml
22) T n-Tetracontane (C40)	22.013	7243234	47.441 ug/ml

(f)=RT Delta > 1/2 Window

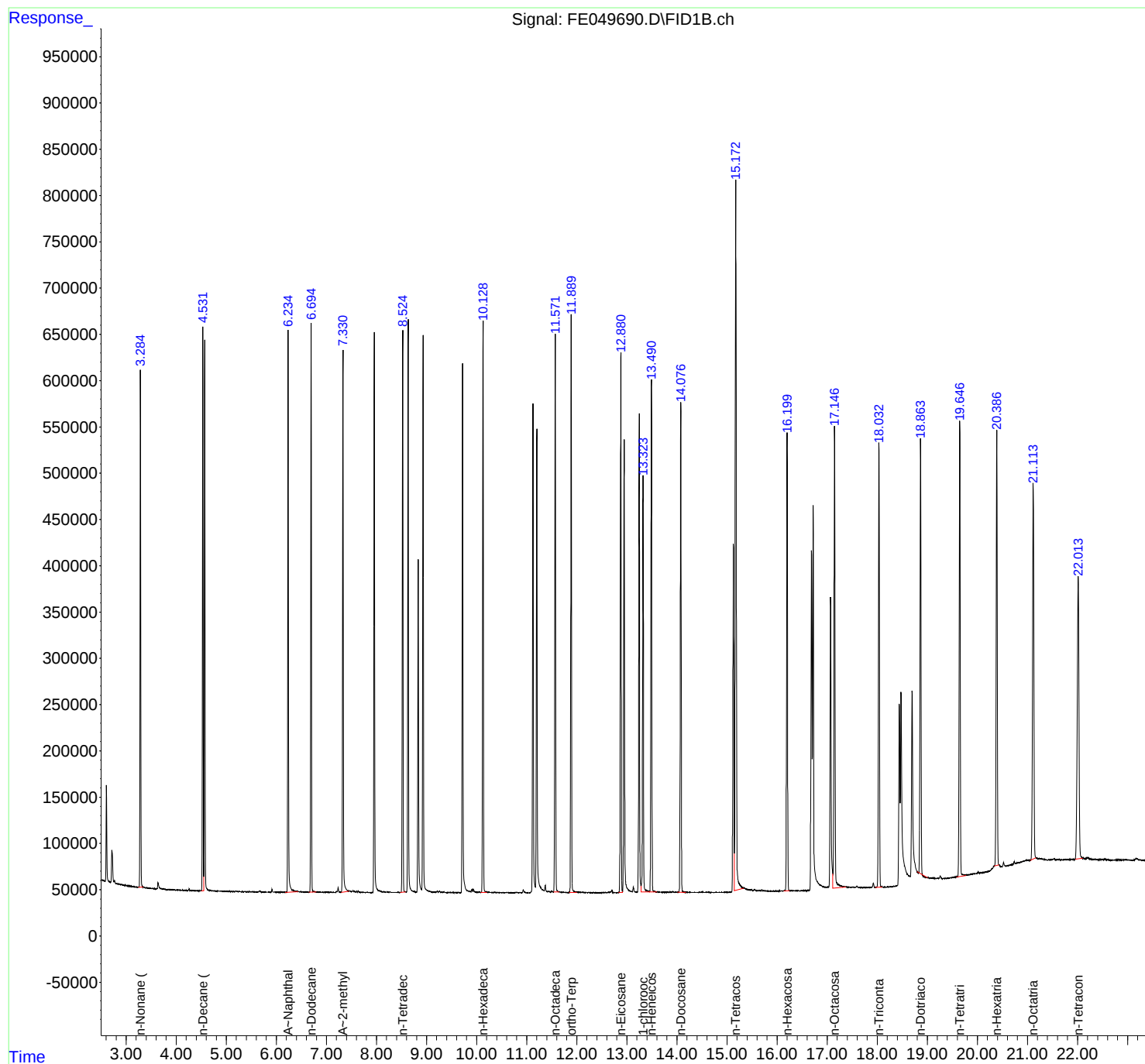
(m)=manual int.

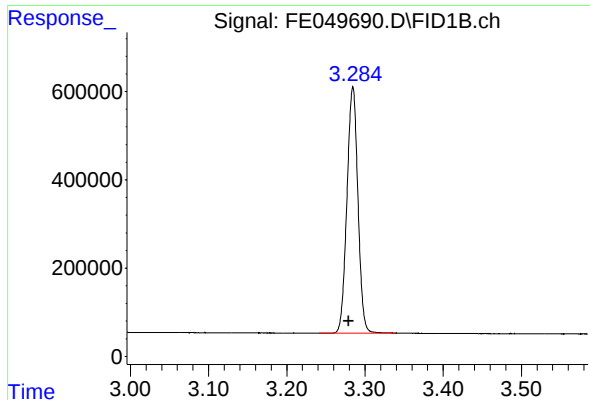
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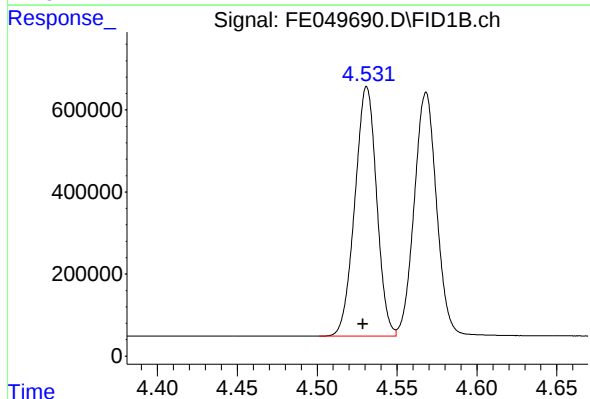




#1 n-Nonane (C9)

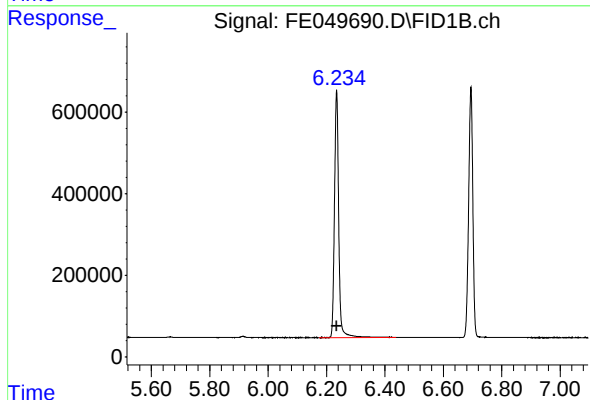
R.T.: 3.284 min
Delta R.T.: 0.005 min
Response: 5436629
Conc: 35.13 ug/ml

Instrument :
FID_E
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PB162879BSD



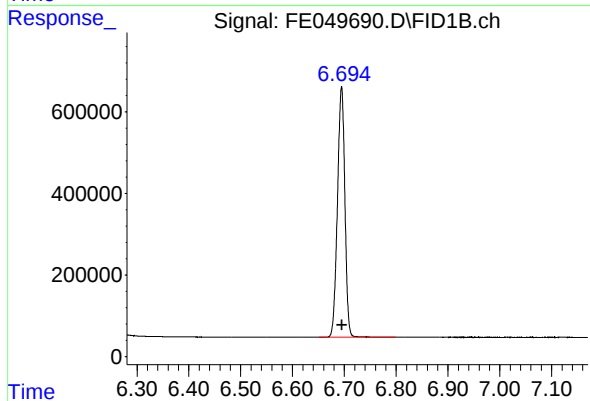
#2 n-Decane (C10)

R.T.: 4.531 min
Delta R.T.: 0.002 min
Response: 5782554
Conc: 36.62 ug/ml



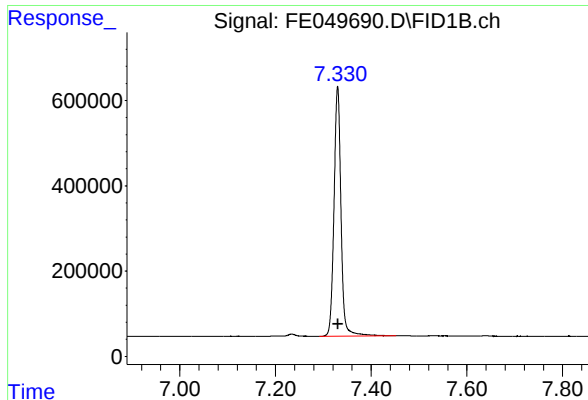
#3 A~Naphthalene (C11.7)

R.T.: 6.234 min
Delta R.T.: 0.000 min
Response: 6086675
Conc: 37.93 ug/ml



#4 n-Dodecane (C12)

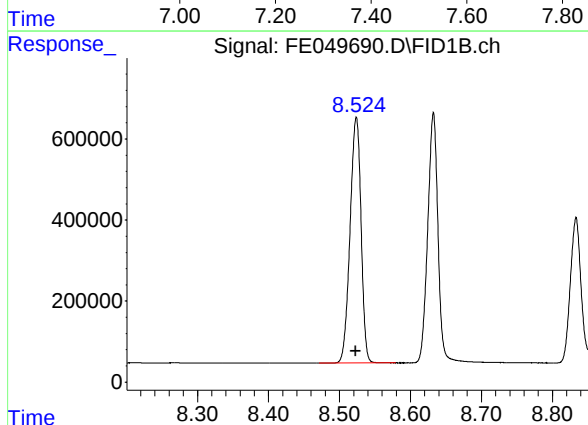
R.T.: 6.695 min
Delta R.T.: -0.001 min
Response: 6113053
Conc: 38.88 ug/ml



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

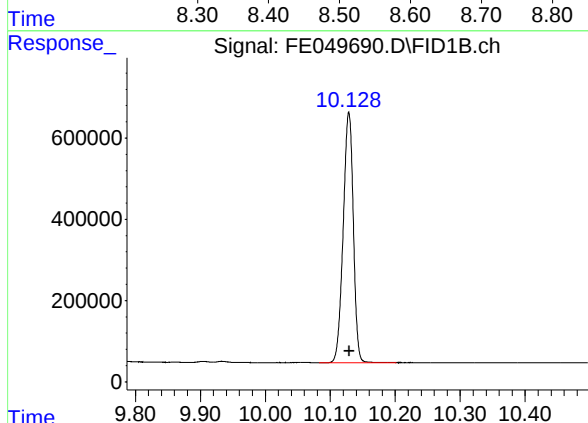
R.T.: 7.330 min
Delta R.T.: 0.000 min
Response: 6013298
Conc: 40.15 ug/ml

Instrument :
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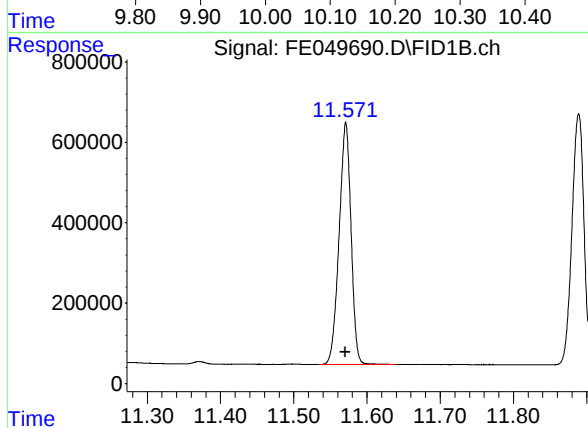
#6 n-Tetradecane (C14)

R.T.: 8.524 min
Delta R.T.: 0.001 min
Response: 6513045
Conc: 42.19 ug/ml



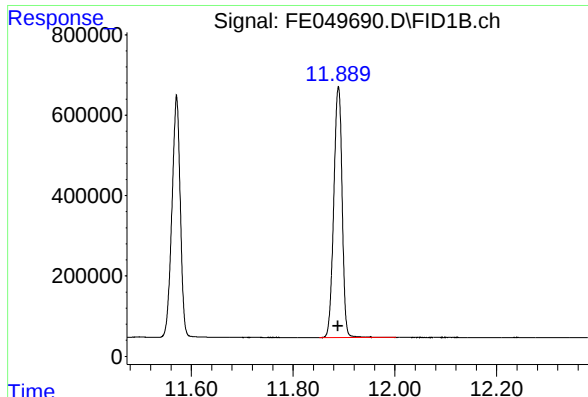
#7 n-Hexadecane (C16)

R.T.: 10.128 min
Delta R.T.: 0.000 min
Response: 6687010
Conc: 42.82 ug/ml



#8 n-Octadecane (C18)

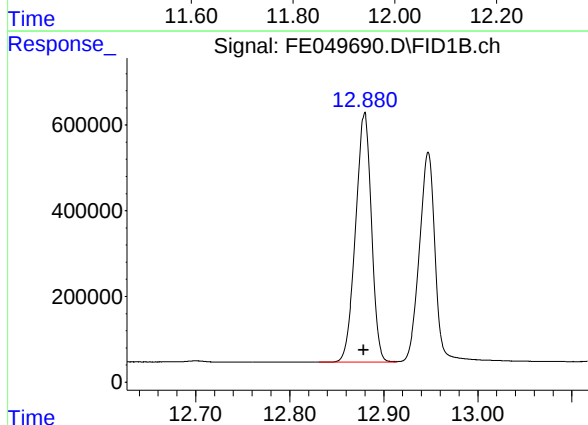
R.T.: 11.571 min
Delta R.T.: 0.000 min
Response: 6811165
Conc: 43.37 ug/ml



#9 ortho-Terphenyl (SURR)

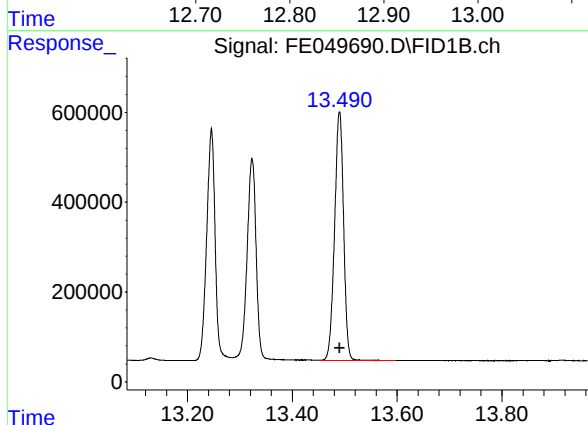
R.T.: 11.889 min
Delta R.T.: 0.000 min
Response: 7106157
Conc: 43.94 ug/ml

Instrument :
FID_E
ClientSampleId :
PB162879BSD



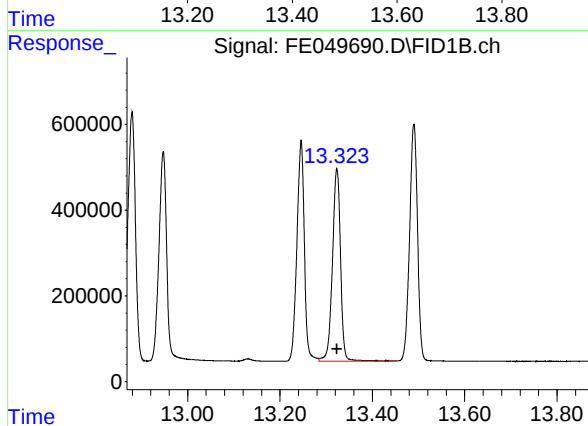
#10 n-Eicosane (C20)

R.T.: 12.879 min
Delta R.T.: 0.000 min
Response: 6806811
Conc: 45.59 ug/ml



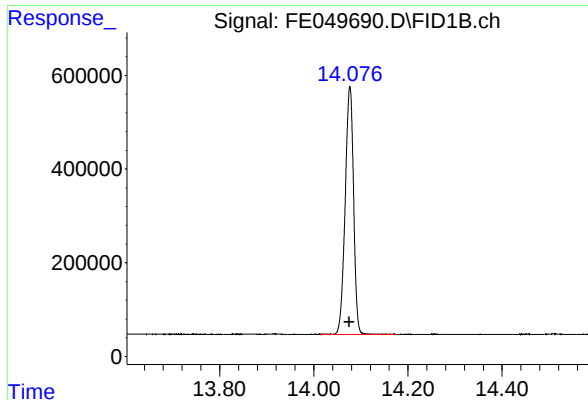
#11 n-Heneicosane (C21)

R.T.: 13.490 min
Delta R.T.: 0.000 min
Response: 6612328
Conc: 45.07 ug/ml



#12 1-chlorooctadecane (SURR)

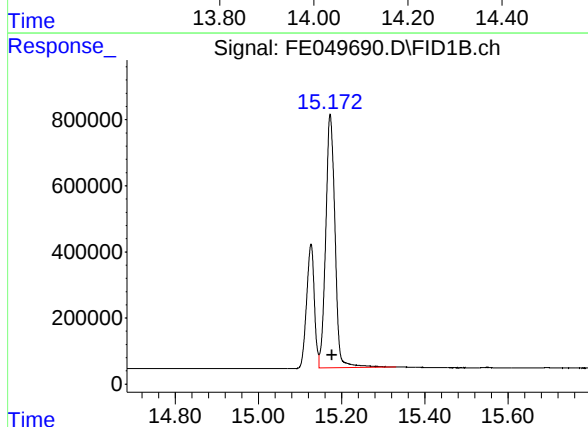
R.T.: 13.323 min
Delta R.T.: 0.000 min
Response: 5503070
Conc: 45.10 ug/ml



#13 n-Docosane (C22)

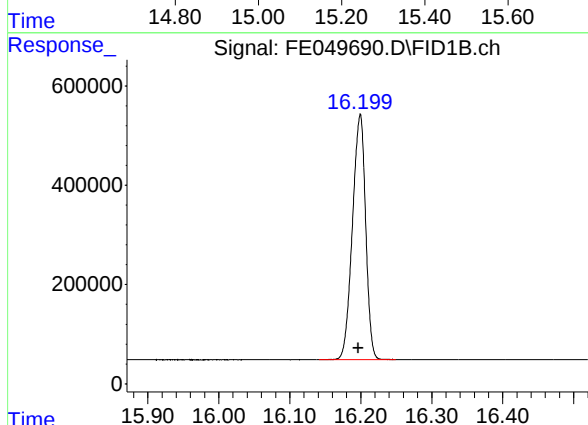
R.T.: 14.076 min
Delta R.T.: 0.001 min
Response: 6525016
Conc: 44.77 ug/ml

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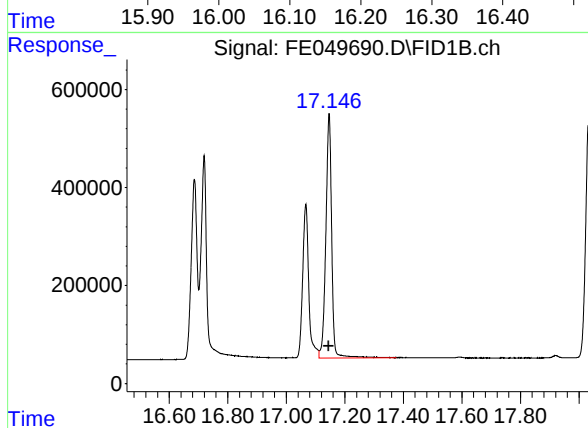
#14 n-Tetracosane (C24)

R.T.: 15.173 min
Delta R.T.: -0.004 min
Response: 11899617
Conc: 81.80 ug/ml



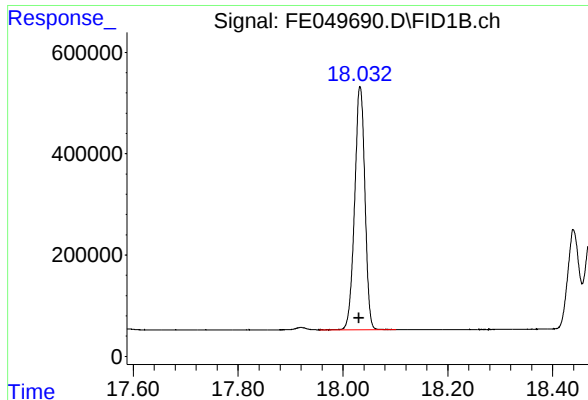
#15 n-Hexacosane (C26)

R.T.: 16.199 min
Delta R.T.: 0.002 min
Response: 6384526
Conc: 44.24 ug/ml



#16 n-Octacosane (C28)

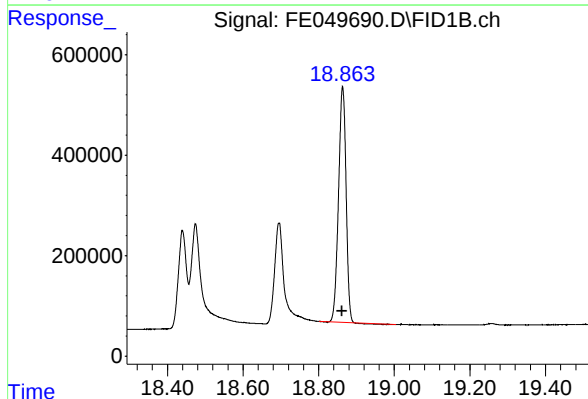
R.T.: 17.146 min
Delta R.T.: 0.001 min
Response: 6916152
Conc: 48.02 ug/ml



#17 n-Tricontane (C30)

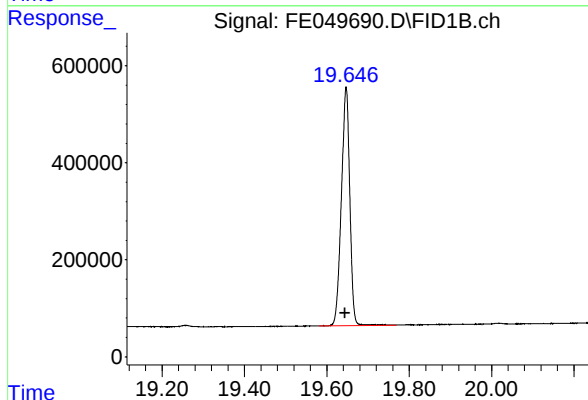
R.T.: 18.033 min
Delta R.T.: 0.002 min
Response: 6520694
Conc: 43.56 ug/ml

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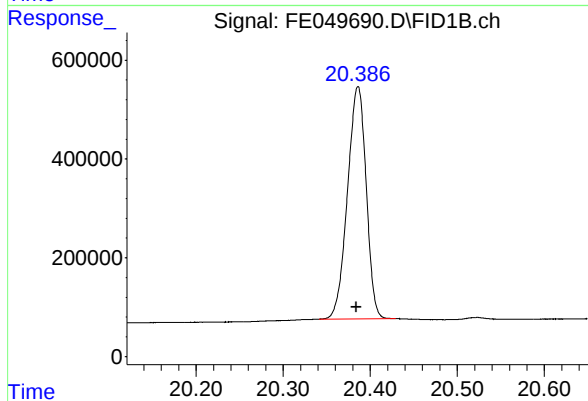
#18 n-Dotriacontane (C32)

R.T.: 18.863 min
Delta R.T.: 0.001 min
Response: 6462739
Conc: 42.72 ug/ml



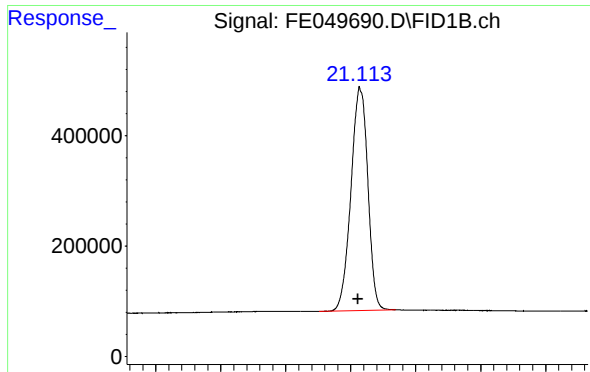
#19 n-Tetratriacontane (C34)

R.T.: 19.647 min
Delta R.T.: 0.002 min
Response: 6970835
Conc: 45.60 ug/ml



#20 n-Hexatriacontane (C36)

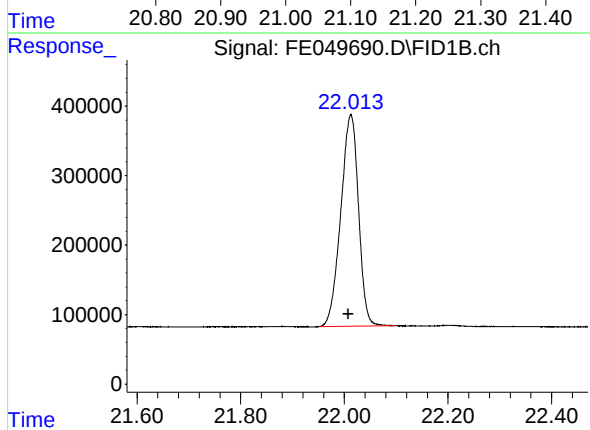
R.T.: 20.386 min
Delta R.T.: 0.002 min
Response: 7021667
Conc: 46.24 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.114 min
Delta R.T.: 0.003 min
Response: 7313939
Conc: 46.60 ug/ml

Instrument :
FID_E
ClientSampleId :
PB162879BSD



#22 n-Tetracontane (C40)

R.T.: 22.013 min
Delta R.T.: 0.005 min
Response: 7243234
Conc: 47.44 ug/ml