

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE081125AL\
 Data File : FE055231.D
 Signal(s) : FID1B.ch
 Acq On : 11 Aug 2025 16:24
 Operator : YP\AJ
 Sample : PB169188BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB169188BSD

Integration File: autoint1.e
 Quant Time: Aug 12 01:23:07 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 080125.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 01 13:47:09 2025
 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)	12.090	6849129	47.962 ug/ml
Spiked Amount 50.000		Recovery =	95.92%
12) S 1-chlorooctadecane (S...	13.525	5394364	50.169 ug/ml
Spiked Amount 50.000		Recovery =	100.34%
Target Compounds			
1) T n-Nonane (C9)	3.430	4951354	43.142 ug/ml
2) T n-Decane (C10)	4.685	5221508	44.821 ug/ml
3) T A~Naphthalene (C11.7)	6.403	6416875	47.805 ug/ml
4) T n-Dodecane (C12)	6.858	5516221	46.323 ug/ml
5) T A~2-methylnaphthalene...	7.505	5970376	45.791 ug/ml
6) T n-Tetradecane (C14)	8.697	5645106	46.041 ug/ml
7) T n-Hexadecane (C16)	10.312	5785924	45.258 ug/ml
8) T n-Octadecane (C18)	11.762	5826747	44.658 ug/ml
10) T n-Eicosane (C20)	13.078	5968193	47.566 ug/ml
11) T n-Heneicosane (C21)	13.692	5738672	46.555 ug/ml
13) T n-Docosane (C22)	14.280	5669654	46.427 ug/ml
14) T n-Tetracosane (C24)	15.389	11711168	96.282 ug/ml
15) T n-Hexacosane (C26)	16.412	5517799	46.118 ug/ml
16) T n-Octacosane (C28)	17.363	5510361	46.452 ug/ml
17) T n-Tricontane (C30)	18.255	5575771	45.314 ug/ml
18) T n-Dotriacontane (C32)	19.088	5565090	45.611 ug/ml
19) T n-Tetratriacontane (C34)	19.874	5882007	50.308 ug/ml
20) T n-Hexatriacontane (C36)	20.615	5703535	52.183 ug/ml
21) T n-Octatriacontane (C38)	21.398	5898217	54.577 ug/ml
22) T n-Tetracontane (C40)	22.392	5720385	54.702 ug/ml

(f)=RT Delta > 1/2 Window

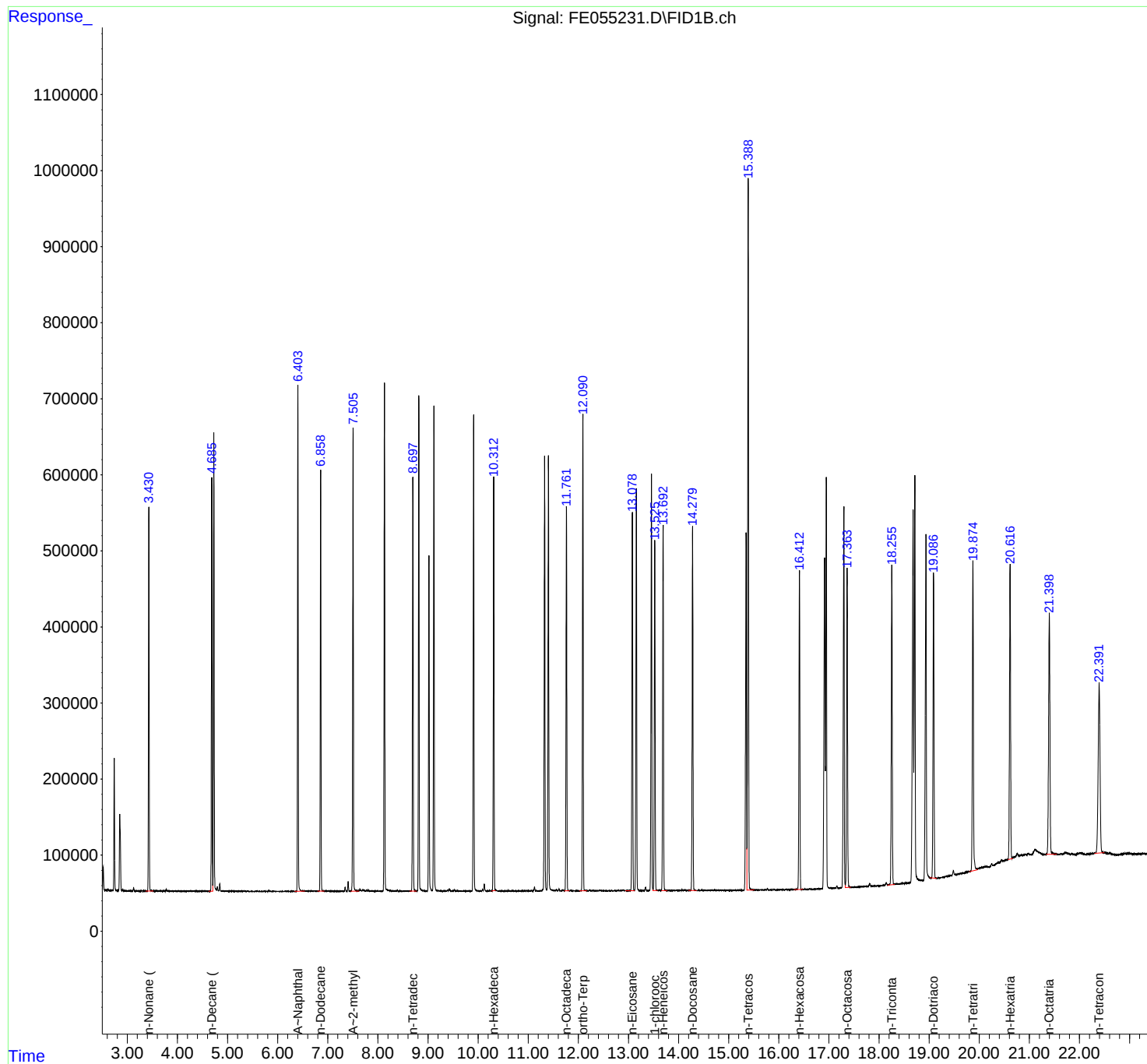
(m)=manual int.

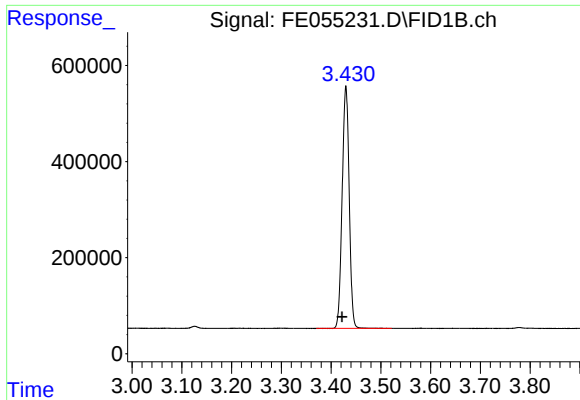
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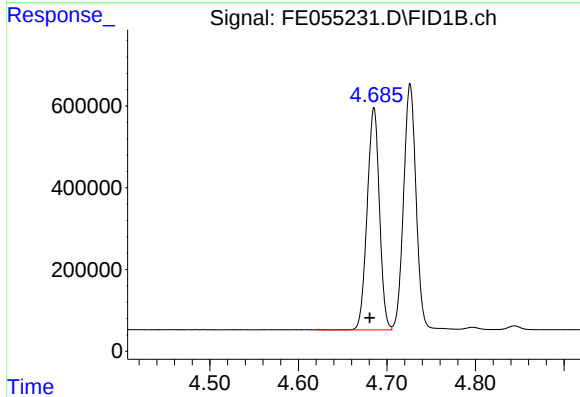




#1 n-Nonane (C9)

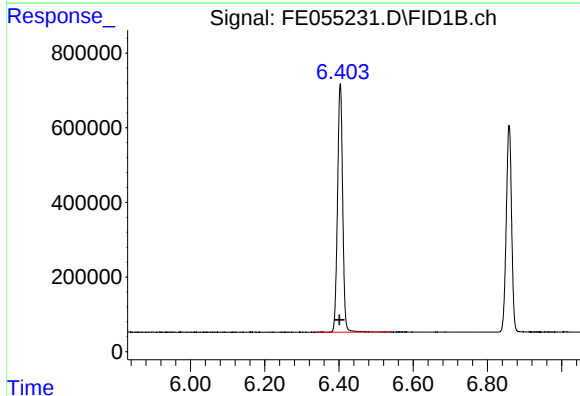
R.T.: 3.430 min
Delta R.T.: 0.008 min
Response: 4951354
Conc: 43.14 ug/ml

Instrument :
FID_E
ClientSampleId :
PB169188BSD



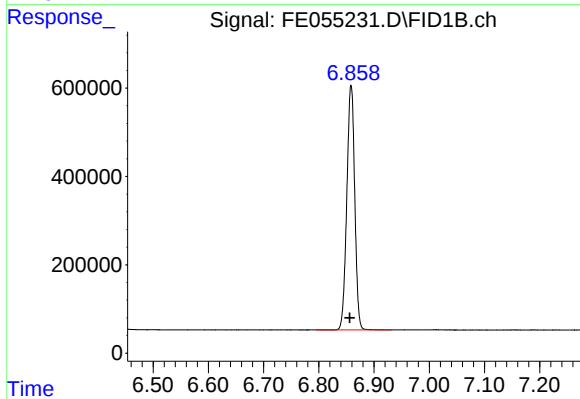
#2 n-Decane (C10)

R.T.: 4.685 min
Delta R.T.: 0.005 min
Response: 5221508
Conc: 44.82 ug/ml



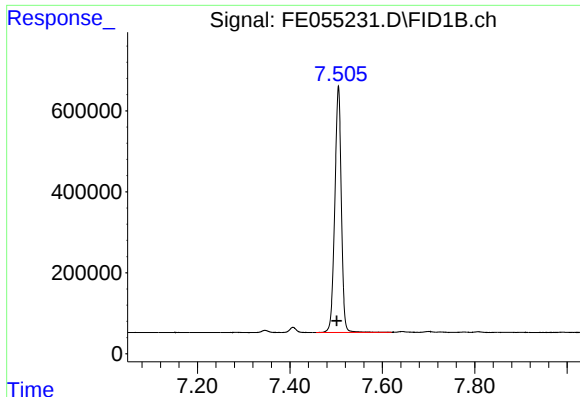
#3 A~Naphthalene (C11.7)

R.T.: 6.403 min
Delta R.T.: 0.003 min
Response: 6416875
Conc: 47.80 ug/ml



#4 n-Dodecane (C12)

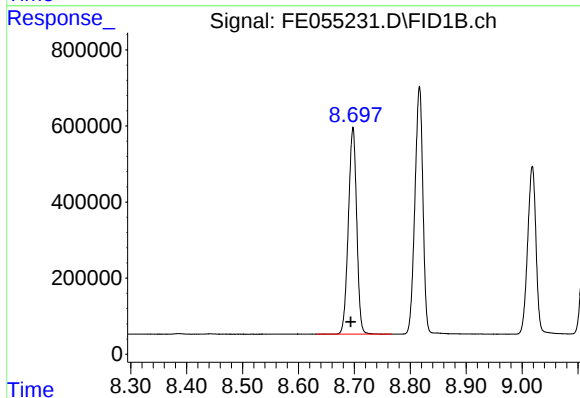
R.T.: 6.858 min
Delta R.T.: 0.002 min
Response: 5516221
Conc: 46.32 ug/ml



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

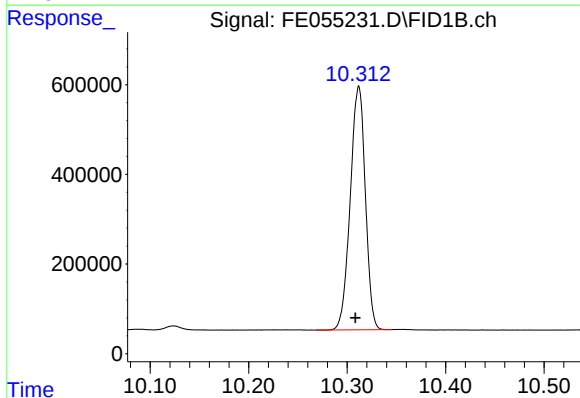
R.T.: 7.505 min
Delta R.T.: 0.004 min
Response: 5970376
Conc: 45.79 ug/ml

Instrument :
FID_E
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PB169188BSD



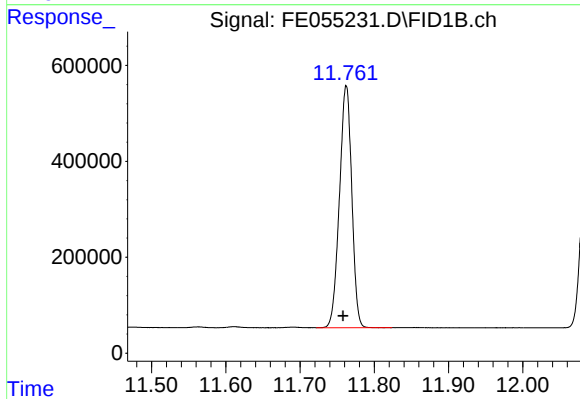
#6 n-Tetradecane (C14)

R.T.: 8.697 min
Delta R.T.: 0.004 min
Response: 5645106
Conc: 46.04 ug/ml



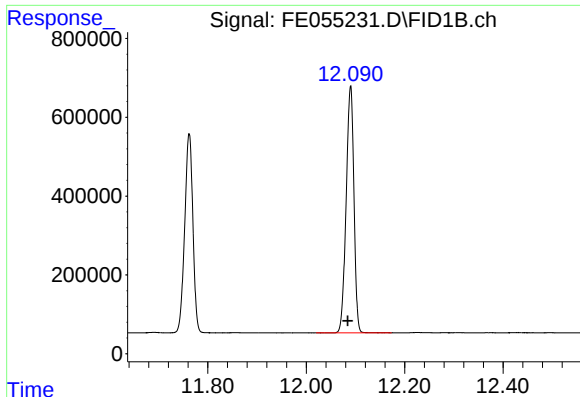
#7 n-Hexadecane (C16)

R.T.: 10.312 min
Delta R.T.: 0.003 min
Response: 5785924
Conc: 45.26 ug/ml



#8 n-Octadecane (C18)

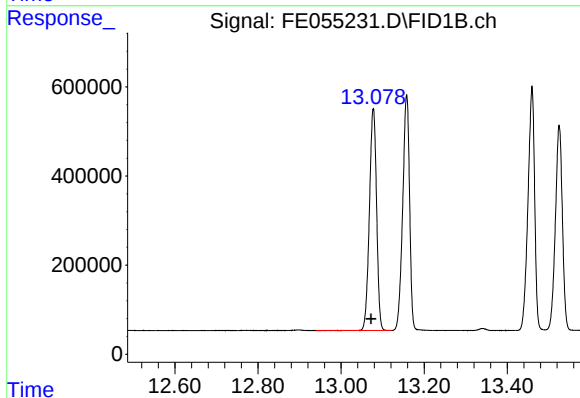
R.T.: 11.762 min
Delta R.T.: 0.004 min
Response: 5826747
Conc: 44.66 ug/ml



#9 ortho-Terphenyl (SURR)

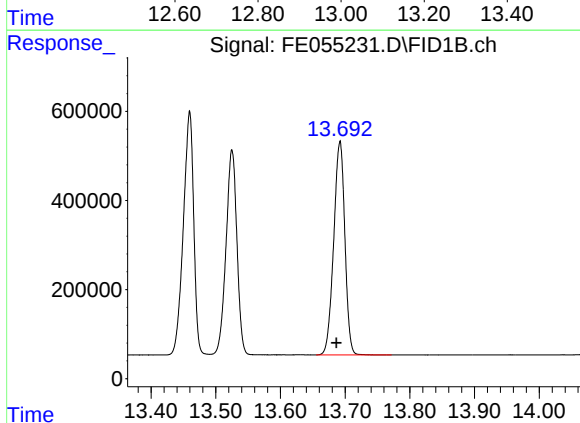
R.T.: 12.090 min
Delta R.T.: 0.006 min
Response: 6849129
Conc: 47.96 ug/ml

Instrument :
FID_E
ClientSampleId :
PB169188BSD



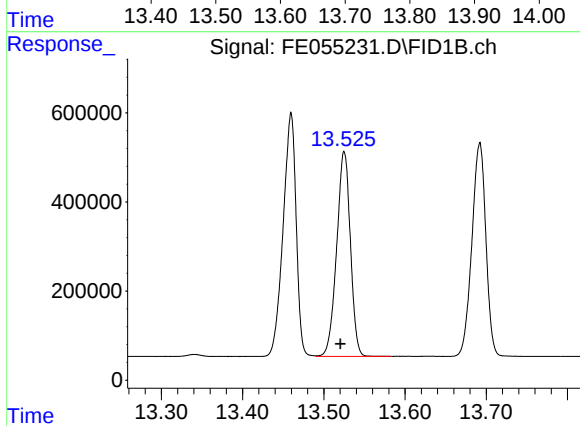
#10 n-Eicosane (C20)

R.T.: 13.078 min
Delta R.T.: 0.005 min
Response: 5968193
Conc: 47.57 ug/ml



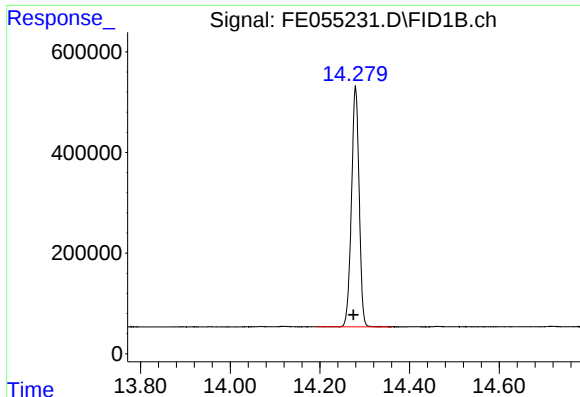
#11 n-Heneicosane (C21)

R.T.: 13.692 min
Delta R.T.: 0.006 min
Response: 5738672
Conc: 46.55 ug/ml



#12 1-chlorooctadecane (SURR)

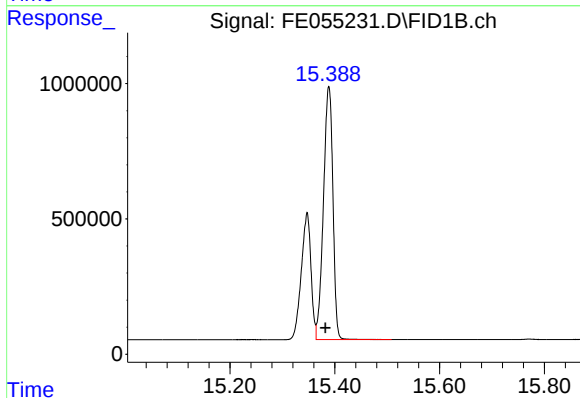
R.T.: 13.525 min
Delta R.T.: 0.005 min
Response: 5394364
Conc: 50.17 ug/ml



#13 n-Docosane (C22)

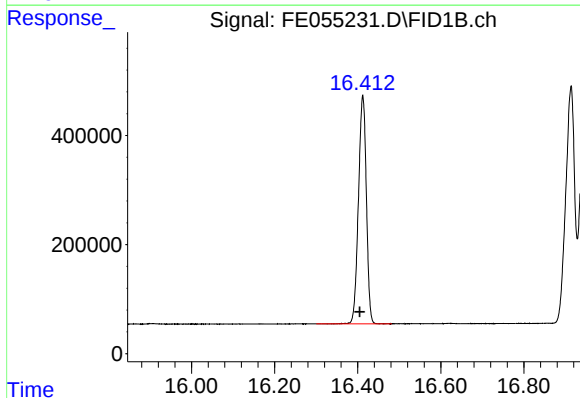
R.T.: 14.280 min
Delta R.T.: 0.005 min
Response: 5669654
Conc: 46.43 ug/ml

Instrument :
FID_E
ClientSampleId :
PB169188BSD



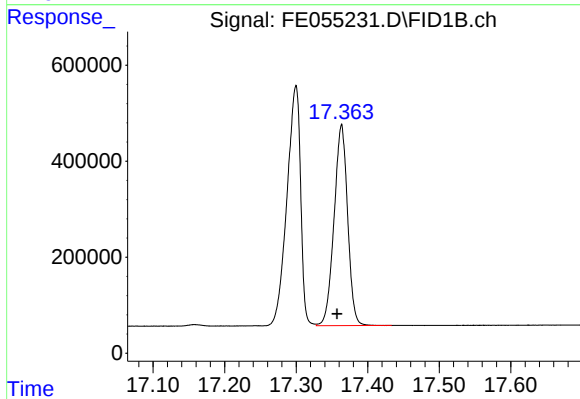
#14 n-Tetracosane (C24)

R.T.: 15.389 min
Delta R.T.: 0.007 min
Response: 11711168
Conc: 96.28 ug/ml



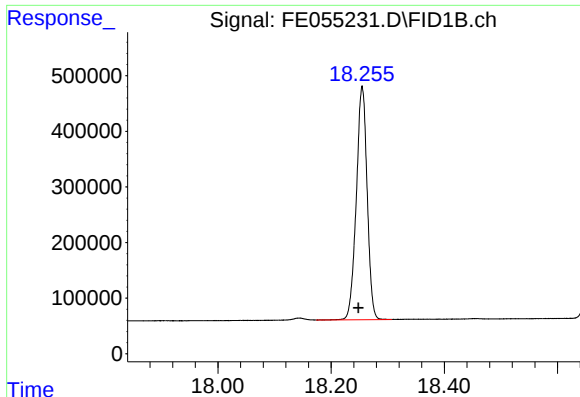
#15 n-Hexacosane (C26)

R.T.: 16.412 min
Delta R.T.: 0.007 min
Response: 5517799
Conc: 46.12 ug/ml



#16 n-Octacosane (C28)

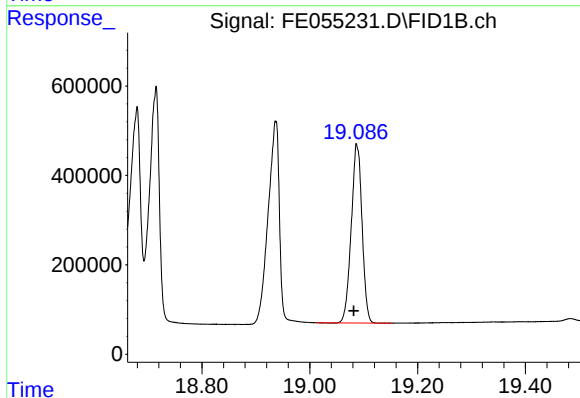
R.T.: 17.363 min
Delta R.T.: 0.006 min
Response: 5510361
Conc: 46.45 ug/ml



#17 n-Tricontane (C30)

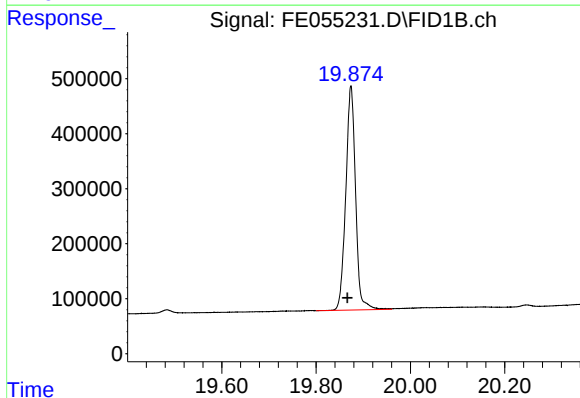
R.T.: 18.255 min
Delta R.T.: 0.007 min
Response: 5575771
Conc: 45.31 ug/ml

Instrument :
FID_E
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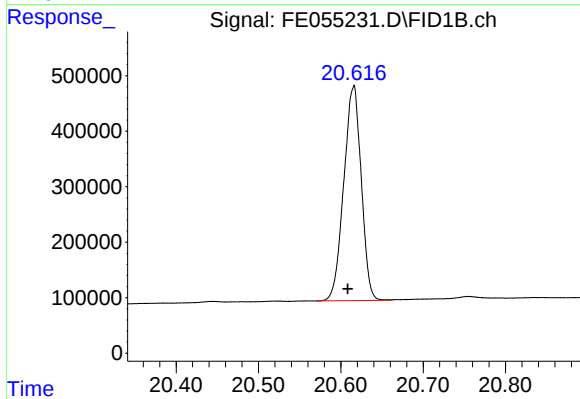
#18 n-Dotriacontane (C32)

R.T.: 19.088 min
Delta R.T.: 0.006 min
Response: 5565090
Conc: 45.61 ug/ml



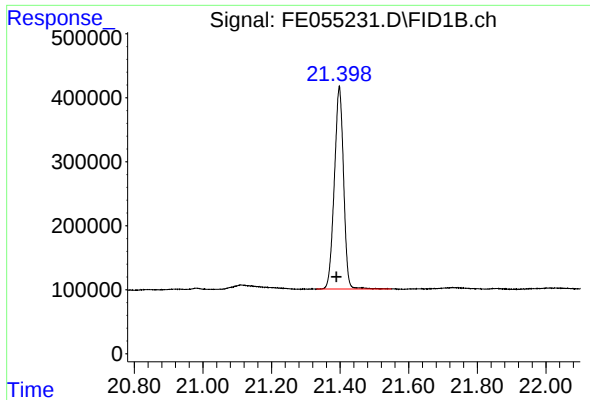
#19 n-Tetratriacontane (C34)

R.T.: 19.874 min
Delta R.T.: 0.007 min
Response: 5882007
Conc: 50.31 ug/ml



#20 n-Hexatriacontane (C36)

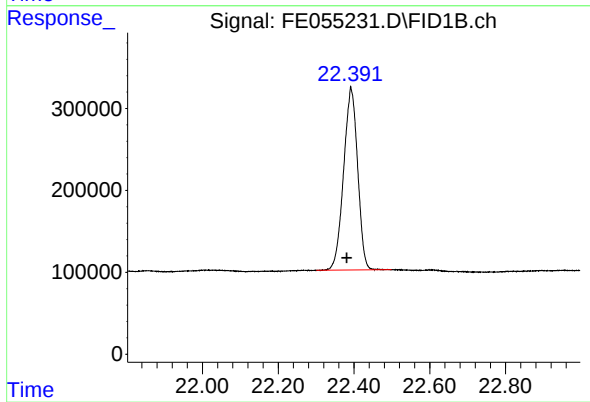
R.T.: 20.615 min
Delta R.T.: 0.007 min
Response: 5703535
Conc: 52.18 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.398 min
Delta R.T.: 0.008 min
Response: 5898217
Conc: 54.58 ug/ml

Instrument :
FID_E
ClientSampleId :
PB169188BSD



#22 n-Tetracontane (C40)

R.T.: 22.392 min
Delta R.T.: 0.012 min
Response: 5720385
Conc: 54.70 ug/ml