

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070623AL\
 Data File : FE043107.D
 Signal(s) : FID1B.ch
 Acq On : 06 Jul 2023 14:56
 Operator : YP\AJ
 Sample : PB154010BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB154010BSD

Integration File: autoint1.e
 Quant Time: Jul 06 17:29:25 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062123.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 21 11:03:59 2023
 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)	11.905	6856276	37.323 ug/ml
Spiked Amount 50.000		Recovery =	74.65%
12) S 1-chlorooctadecane (S...	13.341	5589241	41.070 ug/ml
Spiked Amount 50.000		Recovery =	82.14%
Target Compounds			
1) T n-Nonane (C9)	3.294	6014609	38.937 ug/ml
2) T n-Decane (C10)	4.542	6341536	40.147 ug/ml
3) T A~Naphthalene (C11.7)	6.246	7295274	43.085 ug/ml
4) T n-Dodecane (C12)	6.707	6852492	42.810 ug/ml
5) T A~2-methylnaphthalene...	7.343	7173331	44.243 ug/ml
6) T n-Tetradecane (C14)	8.537	7012797	44.064 ug/ml
7) T n-Hexadecane (C16)	10.143	6978305	42.370 ug/ml
8) T n-Octadecane (C18)	11.587	7100919	42.721 ug/ml
10) T n-Eicosane (C20)	12.896	6812378	42.931 ug/ml
11) T n-Heneicosane (C21)	13.508	6659684	43.045 ug/ml
13) T n-Docosane (C22)	14.095	6554196	43.026 ug/ml
14) T n-Tetracosane (C24)	15.190	12592454	84.870 ug/ml
15) T n-Hexacosane (C26)	16.220	6194058	43.327 ug/ml
16) T n-Octacosane (C28)	17.168	6089589	43.906 ug/ml
17) T n-Tricontane (C30)	18.057	5976399	42.257 ug/ml
18) T n-Dotriacontane (C32)	18.887	5883252	41.946 ug/ml
19) T n-Tetratriacontane (C34)	19.671	5715874	41.769 ug/ml
20) T n-Hexatriacontane (C36)	20.411	5740570	42.925 ug/ml
21) T n-Octatriacontane (C38)	21.148	5558269	40.767 ug/ml
22) T n-Tetracontane (C40)	22.061	5799799	41.687 ug/ml

(f)=RT Delta > 1/2 Window

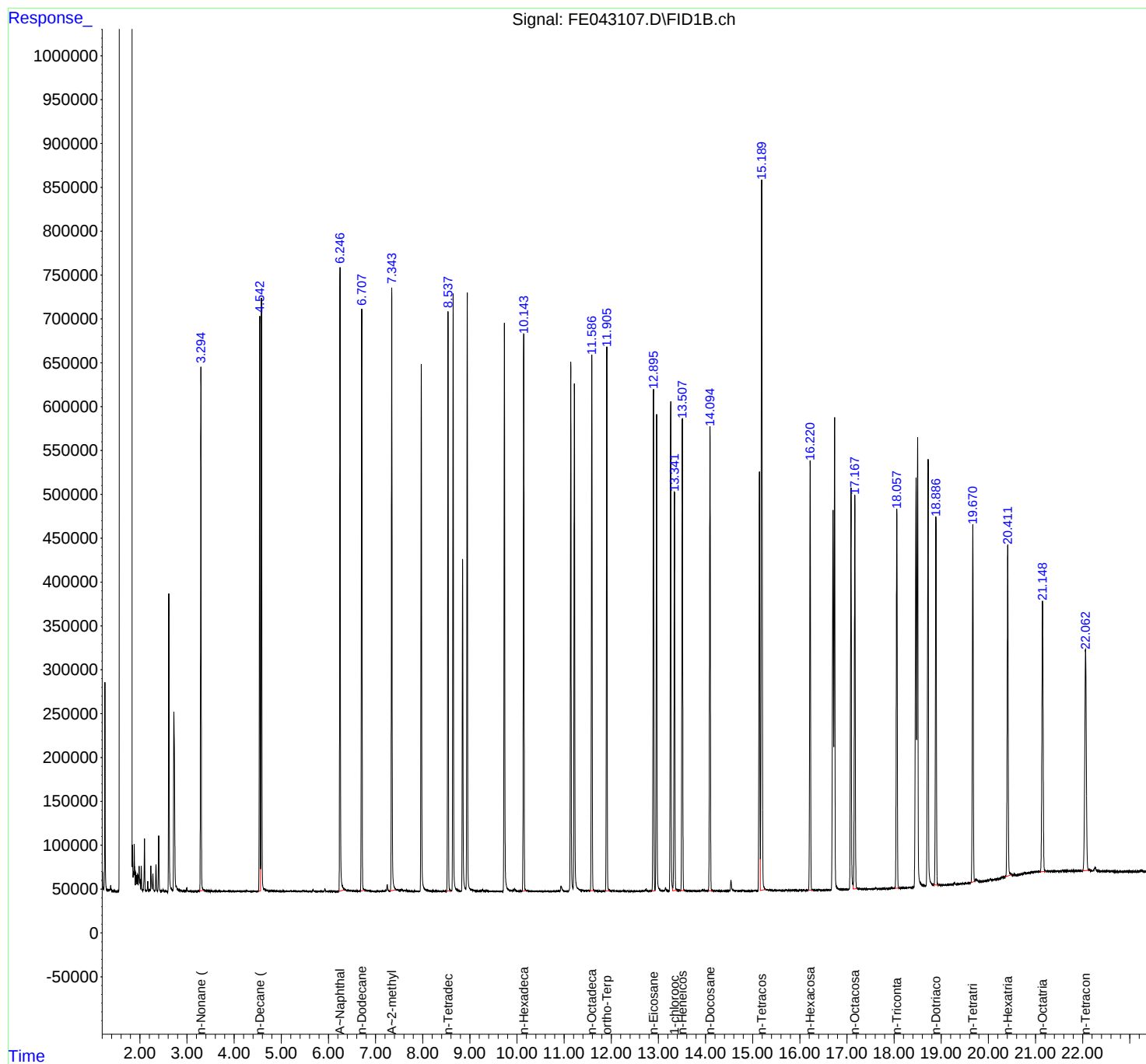
(m)=manual int.

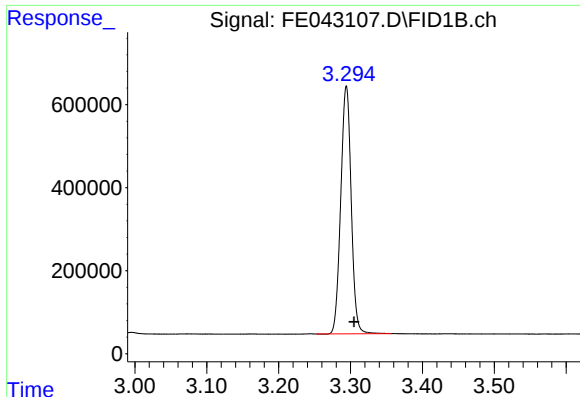
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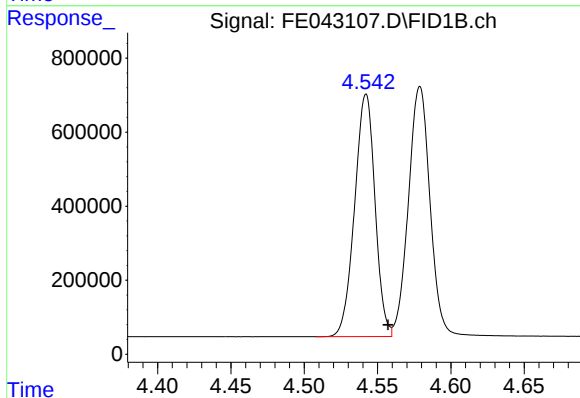




#1 n-Nonane (C9)

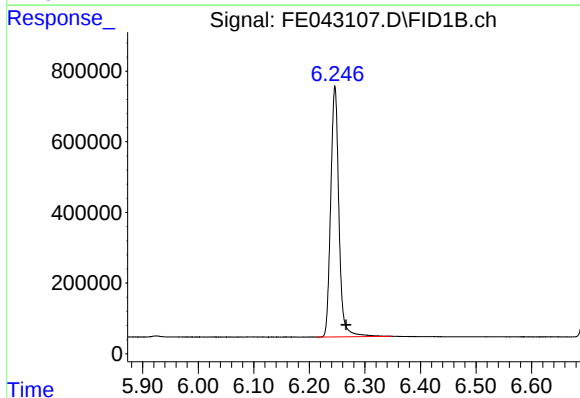
R.T.: 3.294 min
Delta R.T.: -0.011 min
Response: 6014609
Conc: 38.94 ug/ml

Instrument :
FID_E
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PB154010BSD



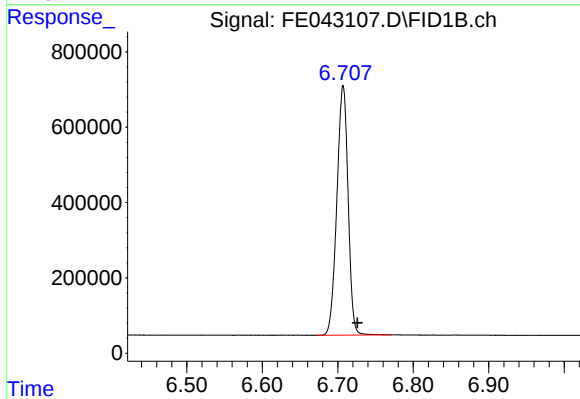
#2 n-Decane (C10)

R.T.: 4.542 min
Delta R.T.: -0.015 min
Response: 6341536
Conc: 40.15 ug/ml



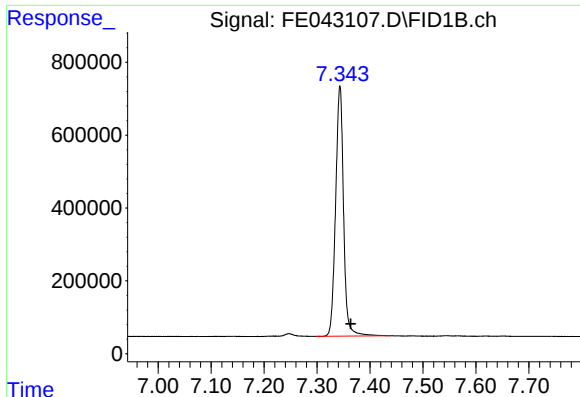
#3 A~Naphthalene (C11.7)

R.T.: 6.246 min
Delta R.T.: -0.020 min
Response: 7295274
Conc: 43.08 ug/ml



#4 n-Dodecane (C12)

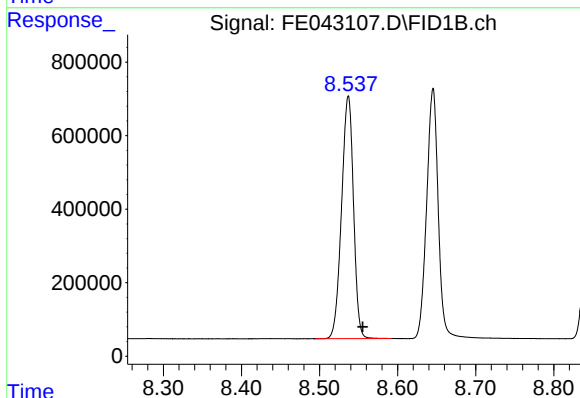
R.T.: 6.707 min
Delta R.T.: -0.019 min
Response: 6852492
Conc: 42.81 ug/ml



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

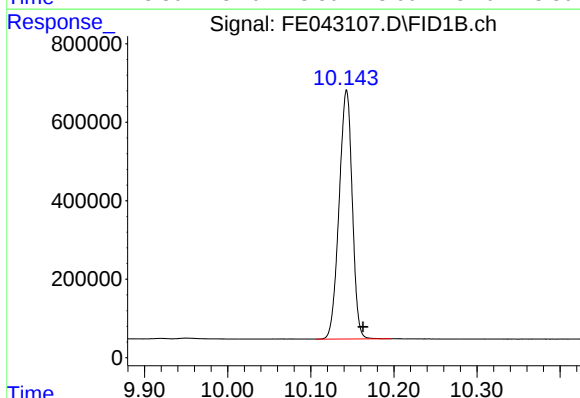
R.T.: 7.343 min
Delta R.T.: -0.020 min
Response: 7173331
Conc: 44.24 ug/ml

Instrument :
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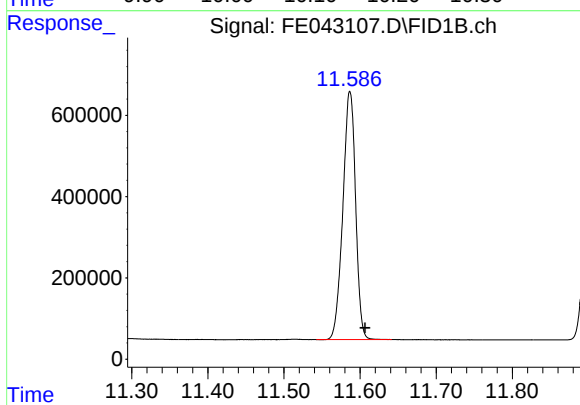
#6 n-Tetradecane (C14)

R.T.: 8.537 min
Delta R.T.: -0.019 min
Response: 7012797
Conc: 44.06 ug/ml



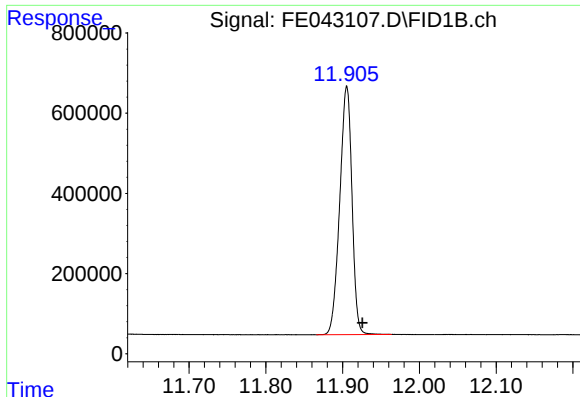
#7 n-Hexadecane (C16)

R.T.: 10.143 min
Delta R.T.: -0.020 min
Response: 6978305
Conc: 42.37 ug/ml



#8 n-Octadecane (C18)

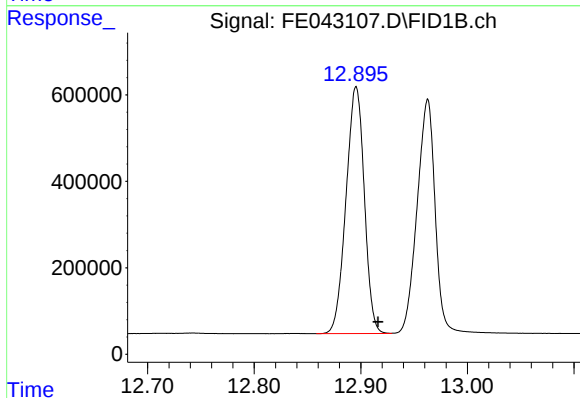
R.T.: 11.587 min
Delta R.T.: -0.020 min
Response: 7100919
Conc: 42.72 ug/ml



#9 ortho-Terphenyl (SURR)

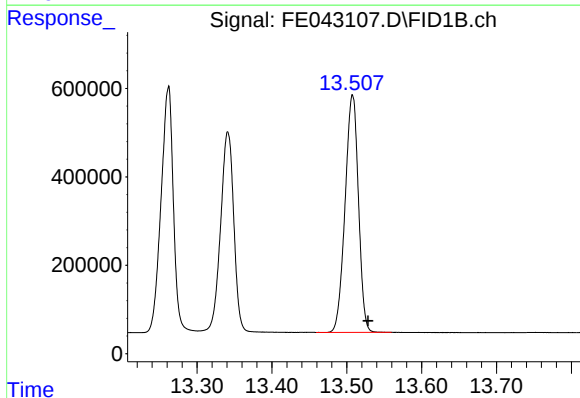
R.T.: 11.905 min
Delta R.T.: -0.020 min
Response: 6856276
Conc: 37.32 ug/ml

Instrument :
FID_E
ClientSampleId :
PB154010BSD



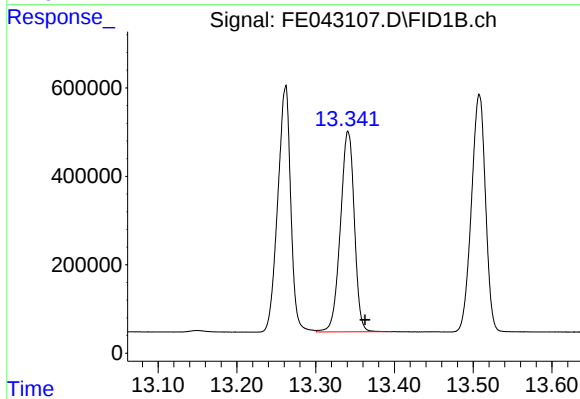
#10 n-Eicosane (C20)

R.T.: 12.896 min
Delta R.T.: -0.021 min
Response: 6812378
Conc: 42.93 ug/ml



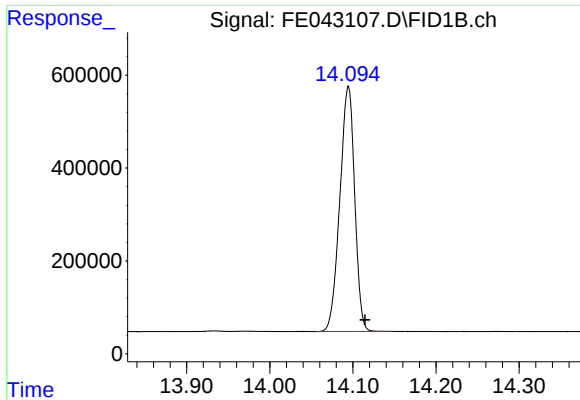
#11 n-Heneicosane (C21)

R.T.: 13.508 min
Delta R.T.: -0.021 min
Response: 6659684
Conc: 43.05 ug/ml



#12 1-chlorooctadecane (SURR)

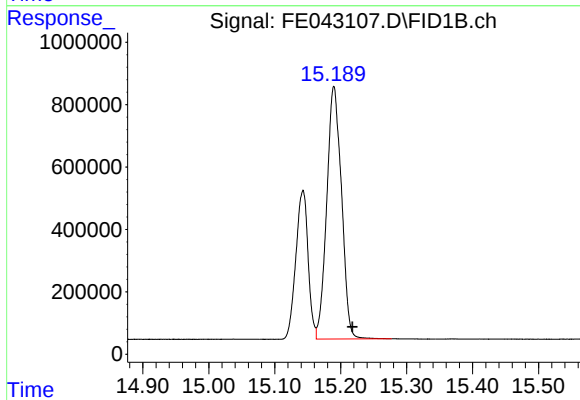
R.T.: 13.341 min
Delta R.T.: -0.021 min
Response: 5589241
Conc: 41.07 ug/ml



#13 n-Docosane (C22)

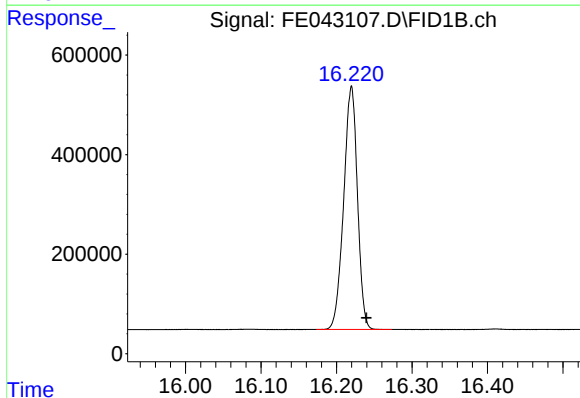
R.T.: 14.095 min
Delta R.T.: -0.020 min
Response: 6554196
Conc: 43.03 ug/ml

Instrument :
FID_E
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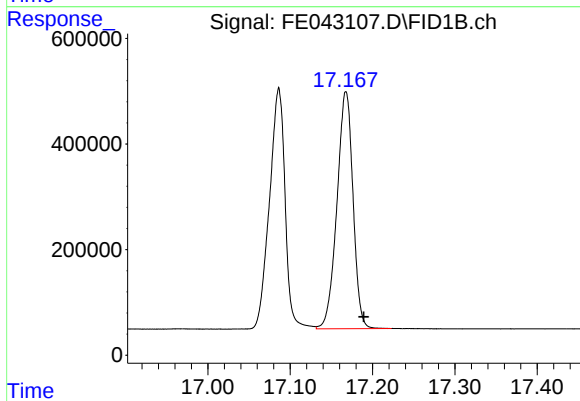
#14 n-Tetracosane (C24)

R.T.: 15.190 min
Delta R.T.: -0.028 min
Response: 12592454
Conc: 84.87 ug/ml



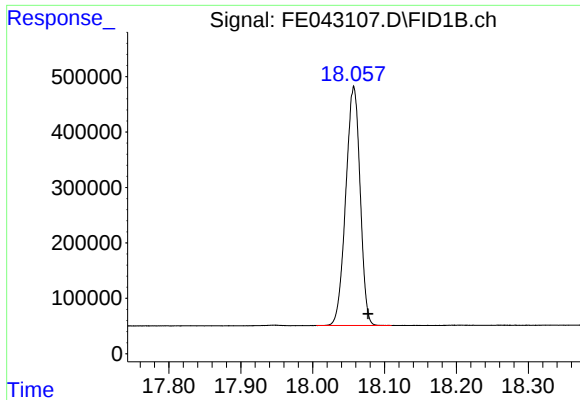
#15 n-Hexacosane (C26)

R.T.: 16.220 min
Delta R.T.: -0.020 min
Response: 6194058
Conc: 43.33 ug/ml



#16 n-Octacosane (C28)

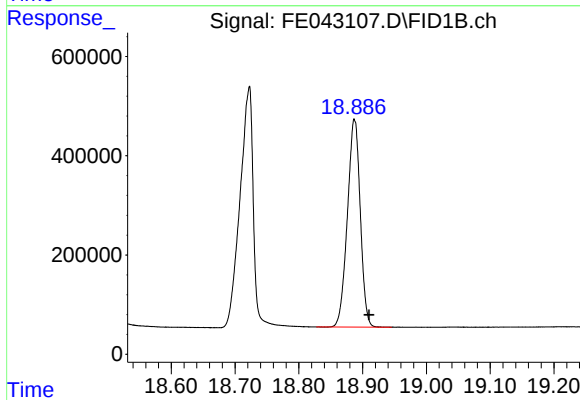
R.T.: 17.168 min
Delta R.T.: -0.022 min
Response: 6089589
Conc: 43.91 ug/ml



#17 n-Tricontane (C30)

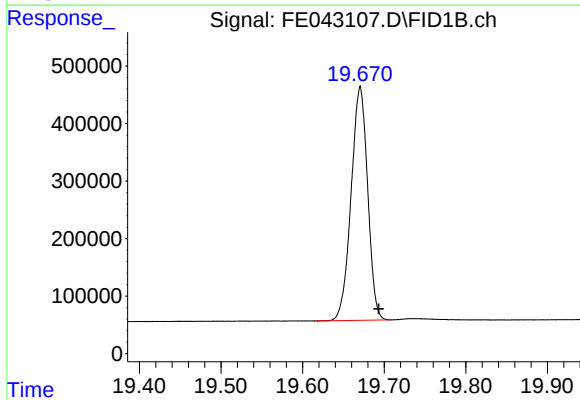
R.T.: 18.057 min
Delta R.T.: -0.020 min
Response: 5976399
Conc: 42.26 ug/ml

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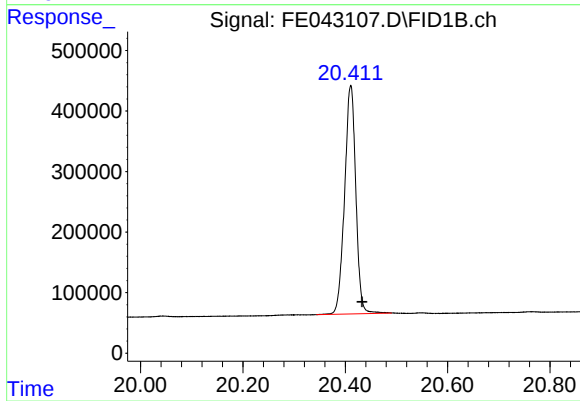
#18 n-Dotriacontane (C32)

R.T.: 18.887 min
Delta R.T.: -0.023 min
Response: 5883252
Conc: 41.95 ug/ml



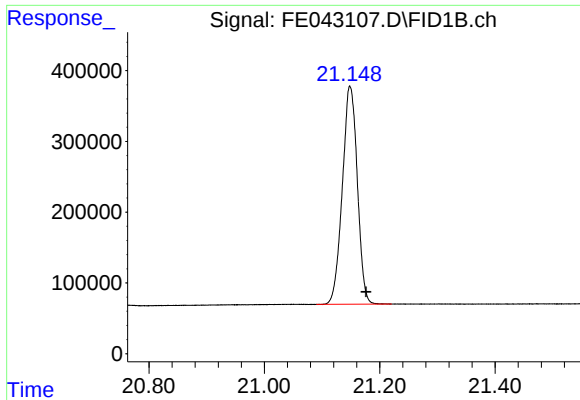
#19 n-Tetratriacontane (C34)

R.T.: 19.671 min
Delta R.T.: -0.023 min
Response: 5715874
Conc: 41.77 ug/ml



#20 n-Hexatriacontane (C36)

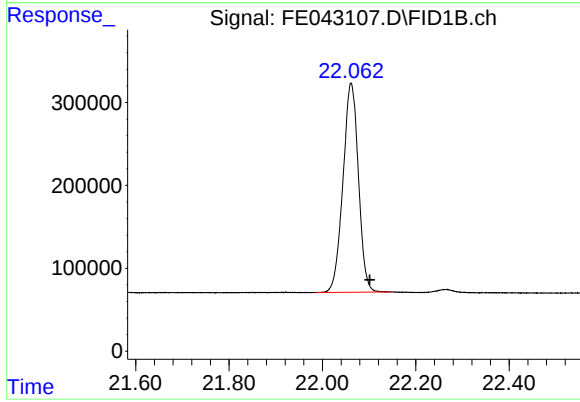
R.T.: 20.411 min
Delta R.T.: -0.023 min
Response: 5740570
Conc: 42.92 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.148 min
Delta R.T.: -0.028 min
Response: 5558269
Conc: 40.77 ug/ml

Instrument :
FID_E
ClientSampleId :
PB154010BSD



#22 n-Tetracontane (C40)

R.T.: 22.061 min
Delta R.T.: -0.040 min
Response: 5799799
Conc: 41.69 ug/ml