

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE050725AL\
 Data File : FE053693.D
 Signal(s) : FID1B.ch
 Acq On : 07 May 2025 16:54
 Operator : YP\AJ
 Sample : PB167897BSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB167897BSD

Integration File: autoint1.e
 Quant Time: May 08 01:55:57 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 041725.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 29 06:49:03 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)	11.867	6551756	36.326 ug/ml
Spiked Amount 50.000		Recovery =	72.65%
12) S 1-chlorooctadecane (S...	13.311	5196584	38.443 ug/ml
Spiked Amount 50.000		Recovery =	76.89%
Target Compounds			
1) T n-Nonane (C9)	3.221	6283200	45.828 ug/ml
2) T n-Decane (C10)	4.479	6564624	47.454 ug/ml
3) T A~Naphthalene (C11.7)	6.187	7566521	50.128 ug/ml
4) T n-Dodecane (C12)	6.655	6747194	48.109 ug/ml
5) T A~2-methylnaphthalene...	7.289	6853775	45.905 ug/ml
6) T n-Tetradecane (C14)	8.492	6845712	48.797 ug/ml
7) T n-Hexadecane (C16)	10.104	6750308	47.099 ug/ml
8) T n-Octadecane (C18)	11.553	6688531	45.896 ug/ml
10) T n-Eicosane (C20)	12.867	6798309	46.720 ug/ml
11) T n-Heneicosane (C21)	13.480	6490657	44.811 ug/ml
13) T n-Docosane (C22)	14.068	6409382	44.416 ug/ml
14) T n-Tetracosane (C24)	15.166	13132849	91.429 ug/ml
15) T n-Hexacosane (C26)	16.198	6200520	43.780 ug/ml
16) T n-Octacosane (C28)	17.149	6384819	45.892 ug/ml
17) T n-Tricontane (C30)	18.041	6089121	43.745 ug/ml
18) T n-Dotriacontane (C32)	18.872	5991174	43.633 ug/ml
19) T n-Tetratriacontane (C34)	19.658	6046918	46.410 ug/ml
20) T n-Hexatriacontane (C36)	20.399	6028256	47.750 ug/ml
21) T n-Octatriacontane (C38)	21.134	5981663	49.098 ug/ml
22) T n-Tetracontane (C40)	22.037	6143008	51.440 ug/ml

(f)=RT Delta > 1/2 Window

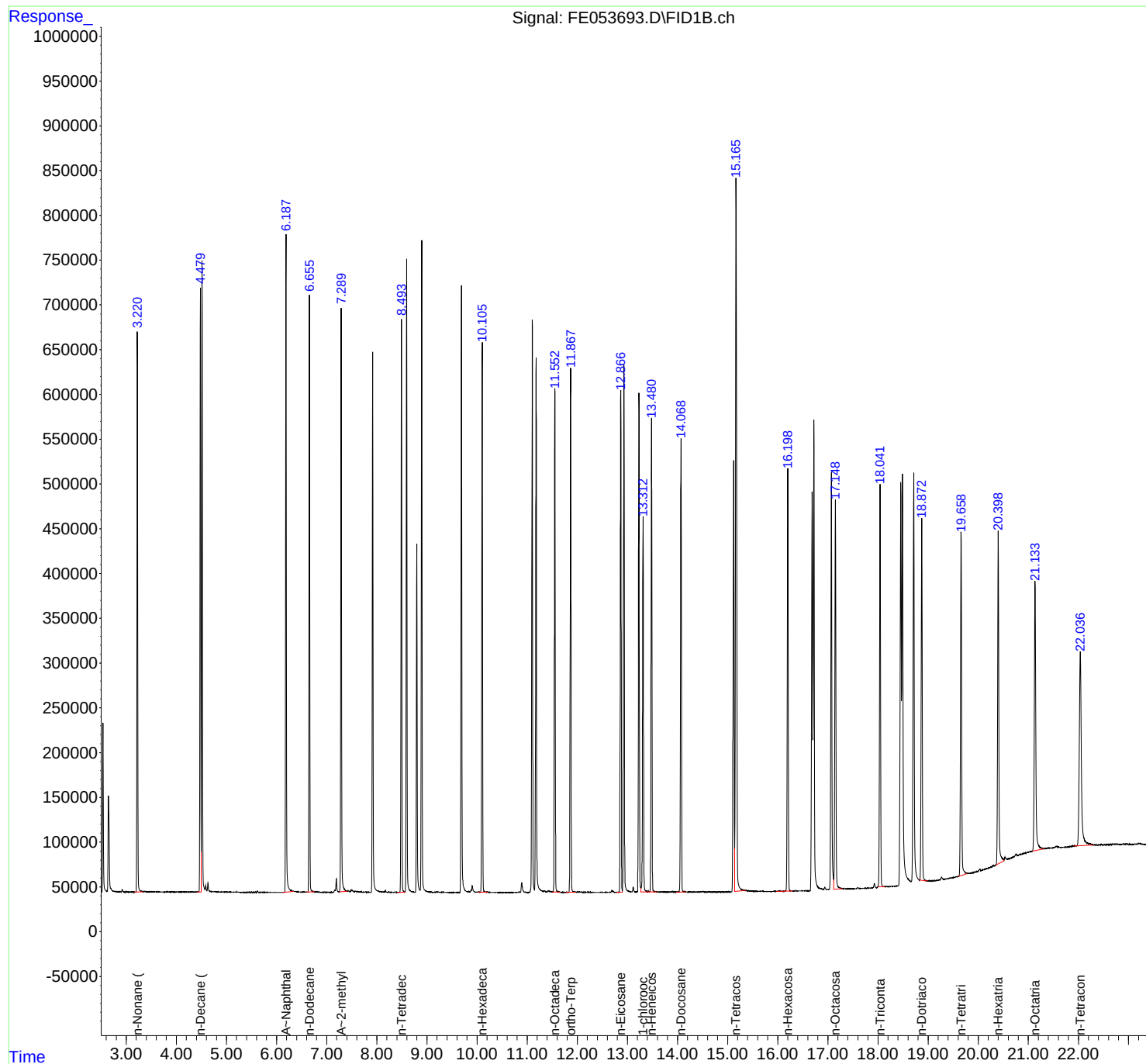
(m)=manual int.

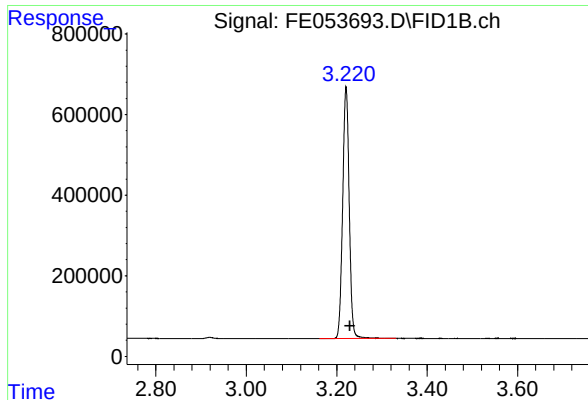
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE050725AL\
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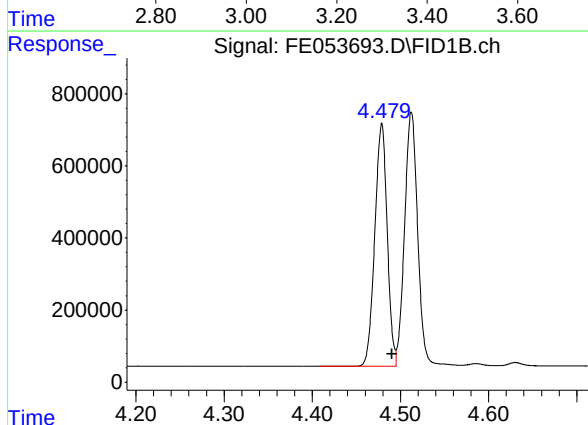




#1 n-Nonane (C9)

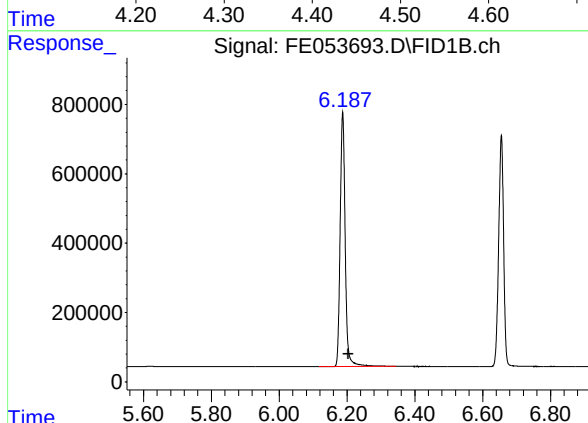
R.T.: 3.221 min
Delta R.T.: -0.009 min
Response: 6283200
Conc: 45.83 ug/ml

Instrument :
FID_E
ClientSampleId :
PB167897BSD



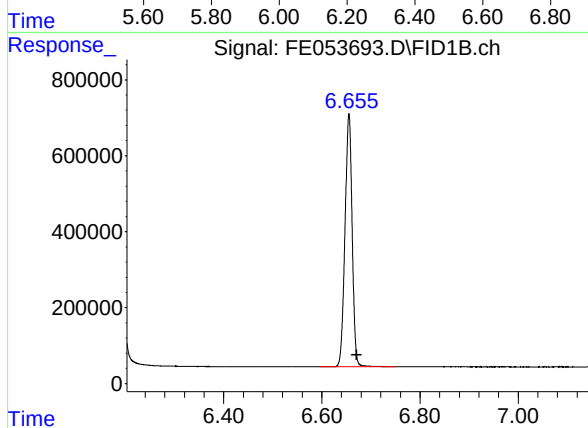
#2 n-Decane (C10)

R.T.: 4.479 min
Delta R.T.: -0.012 min
Response: 6564624
Conc: 47.45 ug/ml



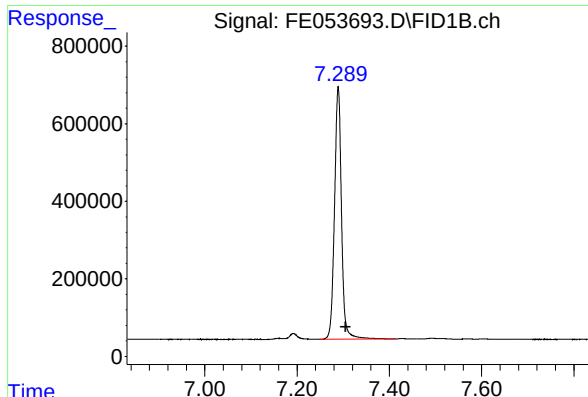
#3 A~Naphthalene (C11.7)

R.T.: 6.187 min
Delta R.T.: -0.016 min
Response: 7566521
Conc: 50.13 ug/ml



#4 n-Dodecane (C12)

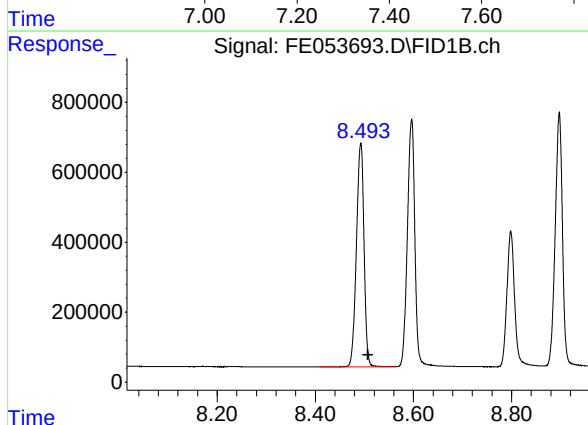
R.T.: 6.655 min
Delta R.T.: -0.016 min
Response: 6747194
Conc: 48.11 ug/ml



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

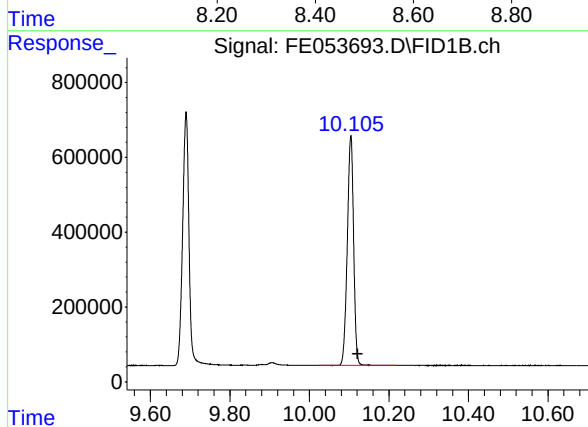
R.T.: 7.289 min
Delta R.T.: -0.017 min
Response: 6853775
Conc: 45.90 ug/ml

Instrument :
FID_E
ClientSampleId :
PB167897BSD



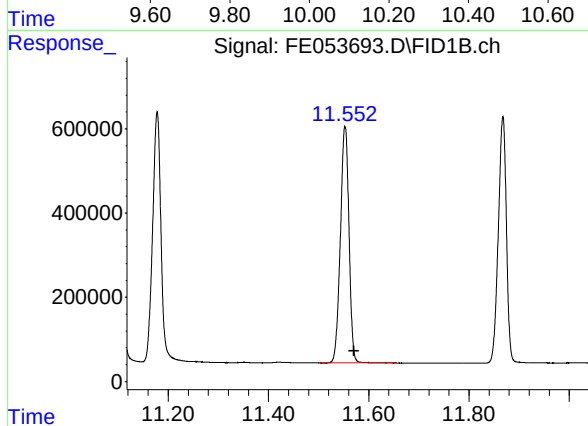
#6 n-Tetradecane (C14)

R.T.: 8.492 min
Delta R.T.: -0.015 min
Response: 6845712
Conc: 48.80 ug/ml



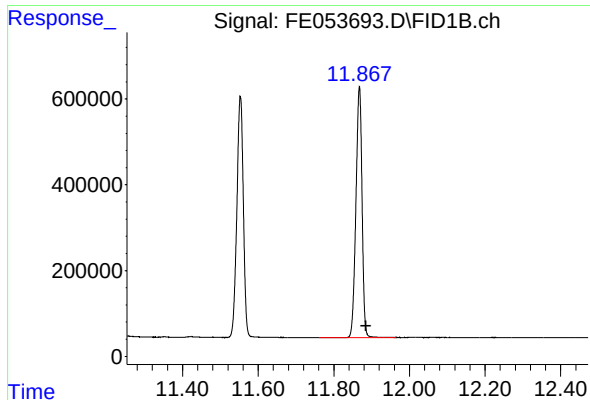
#7 n-Hexadecane (C16)

R.T.: 10.104 min
Delta R.T.: -0.017 min
Response: 6750308
Conc: 47.10 ug/ml



#8 n-Octadecane (C18)

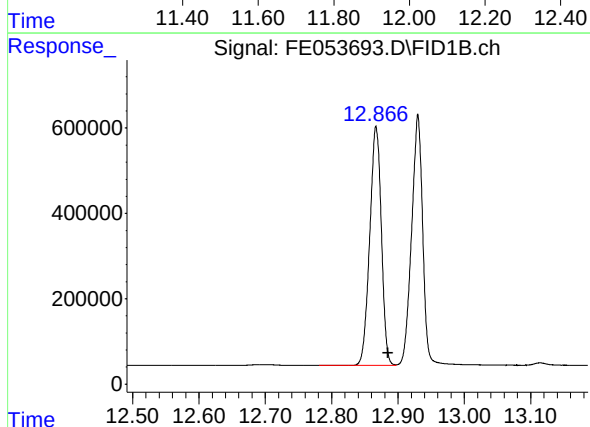
R.T.: 11.553 min
Delta R.T.: -0.018 min
Response: 6688531
Conc: 45.90 ug/ml



#9 ortho-Terphenyl (SURR)

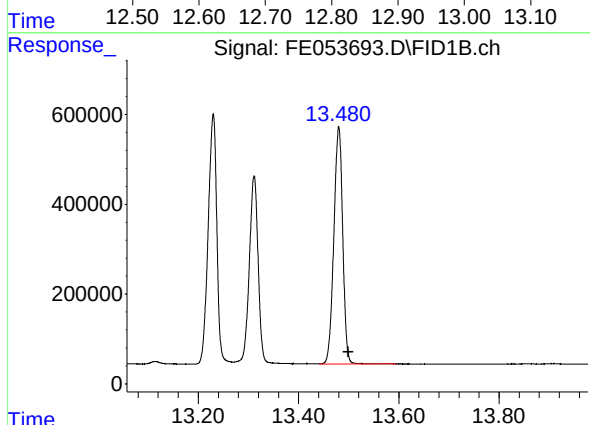
R.T.: 11.867 min
Delta R.T.: -0.019 min
Response: 6551756
Conc: 36.33 ug/ml

Instrument :
FID_E
ClientSampleId :
PB167897BSD



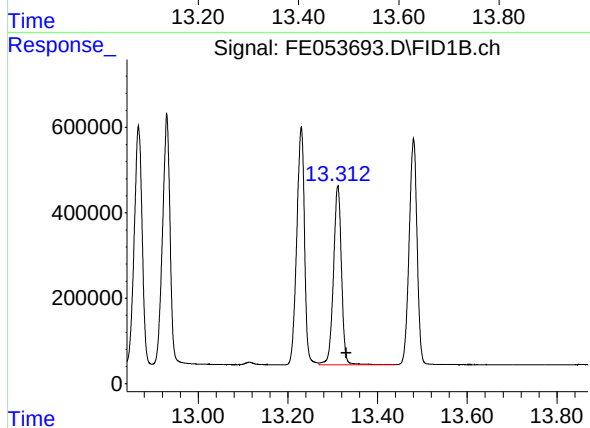
#10 n-Eicosane (C20)

R.T.: 12.867 min
Delta R.T.: -0.018 min
Response: 6798309
Conc: 46.72 ug/ml



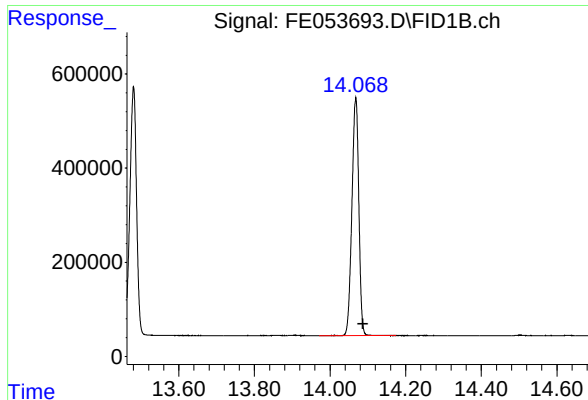
#11 n-Heneicosane (C21)

R.T.: 13.480 min
Delta R.T.: -0.019 min
Response: 6490657
Conc: 44.81 ug/ml



#12 1-chlorooctadecane (SURR)

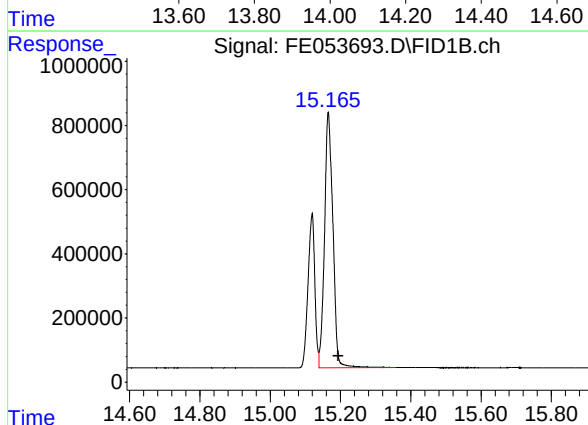
R.T.: 13.311 min
Delta R.T.: -0.019 min
Response: 5196584
Conc: 38.44 ug/ml



#13 n-Docosane (C22)

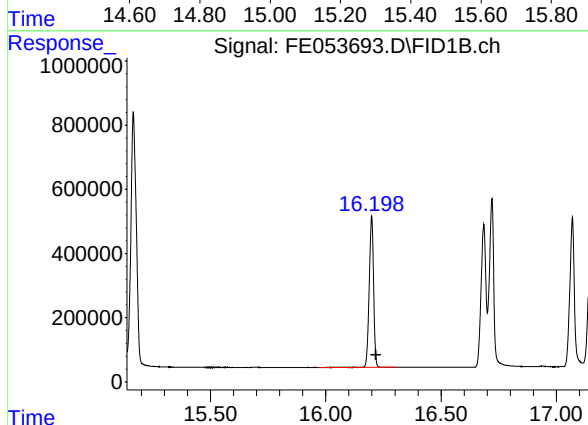
R.T.: 14.068 min
Delta R.T.: -0.020 min
Response: 6409382
Conc: 44.42 ug/ml

Instrument :
FID_E
ClientSampleId :
PB167897BSD



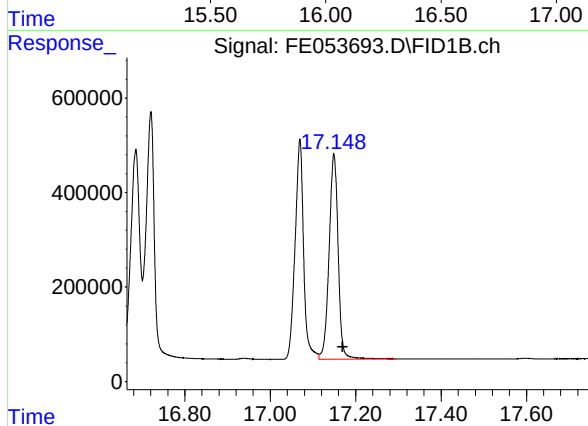
#14 n-Tetracosane (C24)

R.T.: 15.166 min
Delta R.T.: -0.027 min
Response: 13132849
Conc: 91.43 ug/ml



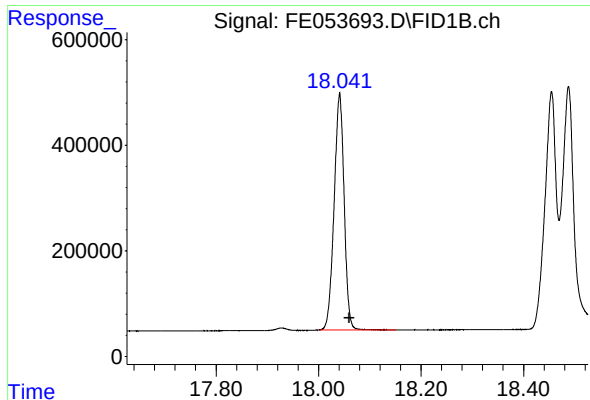
#15 n-Hexacosane (C26)

R.T.: 16.198 min
Delta R.T.: -0.019 min
Response: 6200520
Conc: 43.78 ug/ml



#16 n-Octacosane (C28)

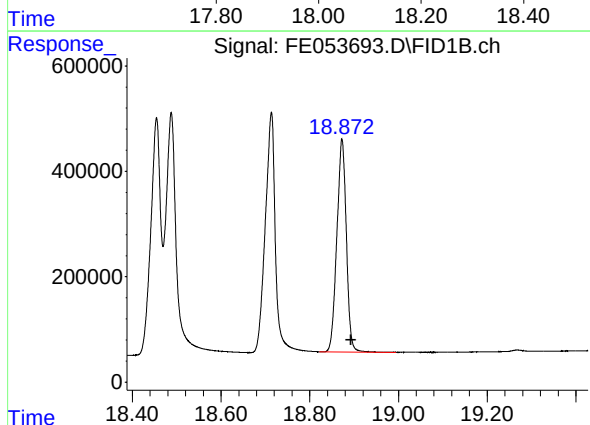
R.T.: 17.149 min
Delta R.T.: -0.021 min
Response: 6384819
Conc: 45.89 ug/ml



#17 n-Tricontane (C30)

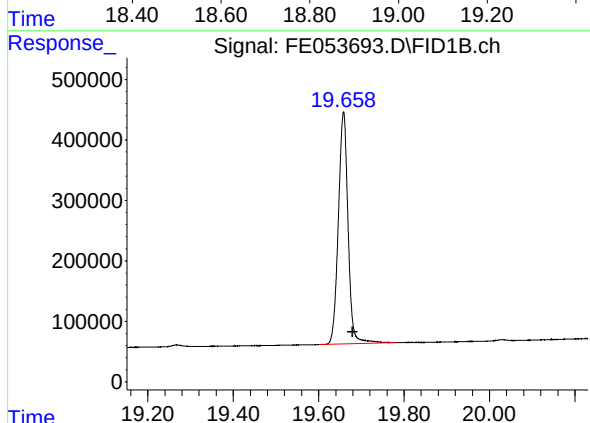
R.T.: 18.041 min
Delta R.T.: -0.019 min
Response: 6089121
Conc: 43.75 ug/ml

Instrument :
FID_E
ClientSampleId :
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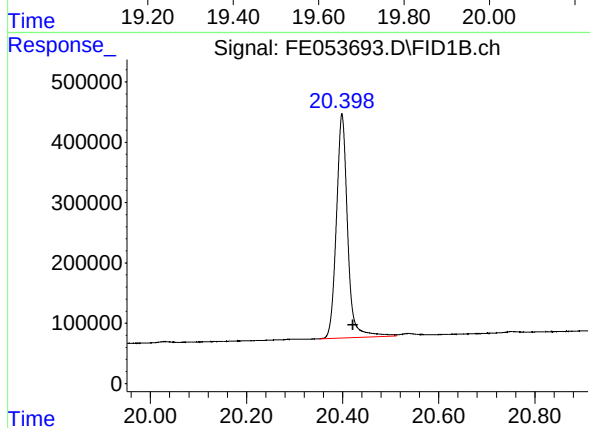
#18 n-Dotriacontane (C32)

R.T.: 18.872 min
Delta R.T.: -0.021 min
Response: 5991174
Conc: 43.63 ug/ml



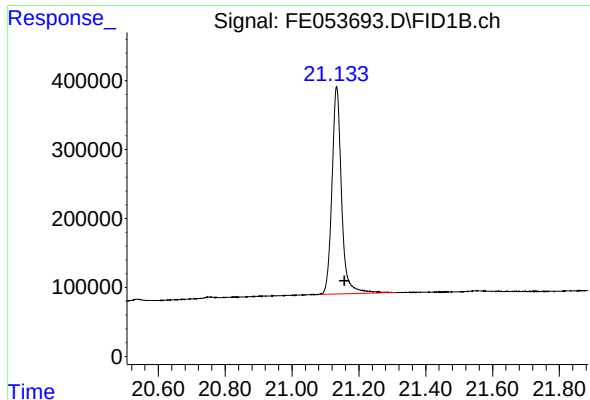
#19 n-Tetratriacontane (C34)

R.T.: 19.658 min
Delta R.T.: -0.022 min
Response: 6046918
Conc: 46.41 ug/ml



#20 n-Hexatriacontane (C36)

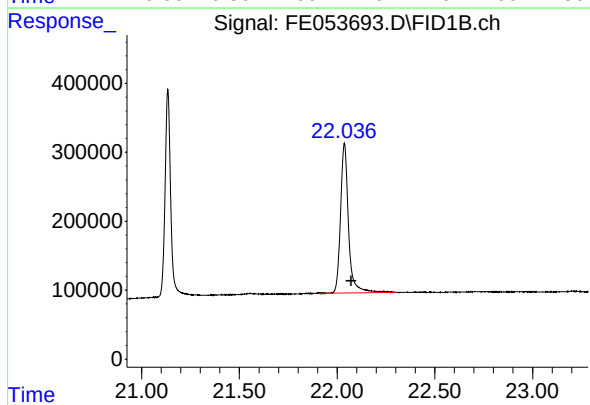
R.T.: 20.399 min
Delta R.T.: -0.023 min
Response: 6028256
Conc: 47.75 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.134 min
Delta R.T.: -0.025 min
Response: 5981663
Conc: 49.10 ug/ml

Instrument :
FID_E
ClientSampleId :
PB167897BSD



#22 n-Tetracontane (C40)

R.T.: 22.037 min
Delta R.T.: -0.036 min
Response: 6143008
Conc: 51.44 ug/ml