

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE030725AL\
 Data File : FE052678.D
 Signal(s) : FID1B.ch
 Acq On : 07 Mar 2025 13:52
 Operator : YP\AJ
 Sample : PB167032BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB167032BS

Integration File: autoint1.e
 Quant Time: Mar 07 21:55:00 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 030325.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 03 13:39:39 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

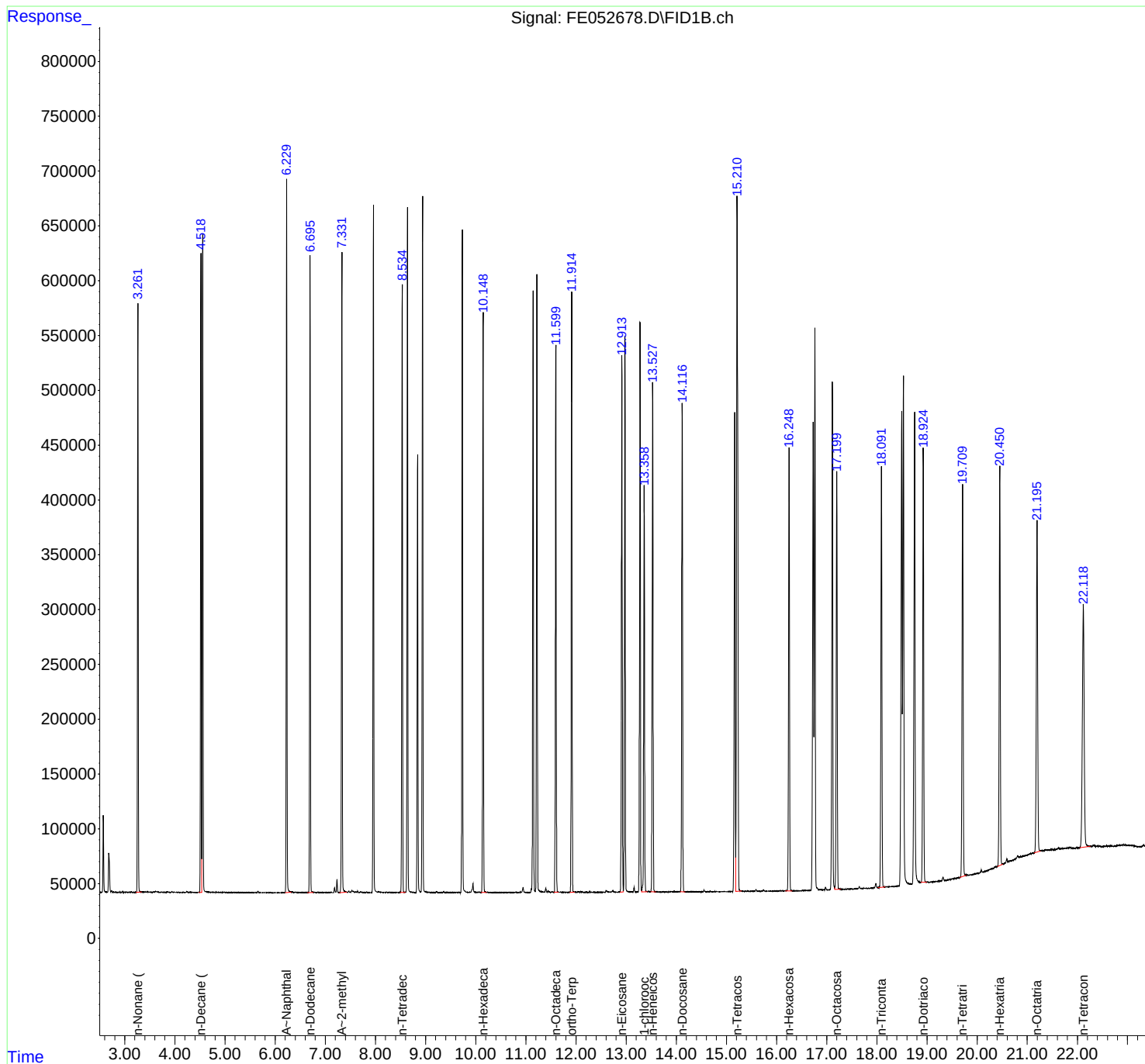
System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.914	6052564	35.902 ug/ml
Spiked Amount 50.000		Recovery =	71.80%
12) S 1-chlorooctadecane (S...	13.358	4643061	38.238 ug/ml
Spiked Amount 50.000		Recovery =	76.48%
Target Compounds			
1) T n-Nonane (C9)	3.261	5433835	35.046 ug/ml
2) T n-Decane (C10)	4.519	5701464	36.293 ug/ml
3) T A~Naphthalene (C11.7)	6.229	6375094	37.591 ug/ml
4) T n-Dodecane (C12)	6.696	5882968	37.784 ug/ml
5) T A~2-methylnaphthalene...	7.331	5890266	36.347 ug/ml
6) T n-Tetradecane (C14)	8.534	5985832	39.560 ug/ml
7) T n-Hexadecane (C16)	10.148	5894269	38.553 ug/ml
8) T n-Octadecane (C18)	11.598	5838393	38.375 ug/ml
10) T n-Eicosane (C20)	12.913	5873131	40.456 ug/ml
11) T n-Heneicosane (C21)	13.527	5624831	39.520 ug/ml
13) T n-Docosane (C22)	14.116	5582845	39.230 ug/ml
14) T n-Tetracosane (C24)	15.210	11300308	78.963 ug/ml
15) T n-Hexacosane (C26)	16.248	5437019	38.237 ug/ml
16) T n-Octacosane (C28)	17.199	5441193	38.266 ug/ml
17) T n-Tricontane (C30)	18.090	5457056	36.947 ug/ml
18) T n-Dotriacontane (C32)	18.925	5458629	37.599 ug/ml
19) T n-Tetratriacontane (C34)	19.710	5550118	41.179 ug/ml
20) T n-Hexatriacontane (C36)	20.451	5406513	45.500 ug/ml
21) T n-Octatriacontane (C38)	21.195	5447255	49.103 ug/ml
22) T n-Tetracontane (C40)	22.119	5519293	51.050 ug/ml

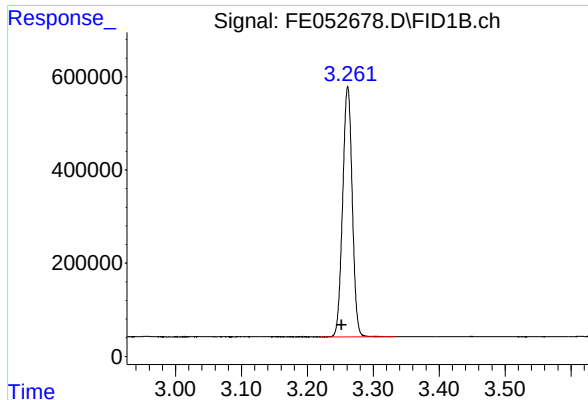
(f)=RT Delta > 1/2 Window

(m)=manual int.

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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

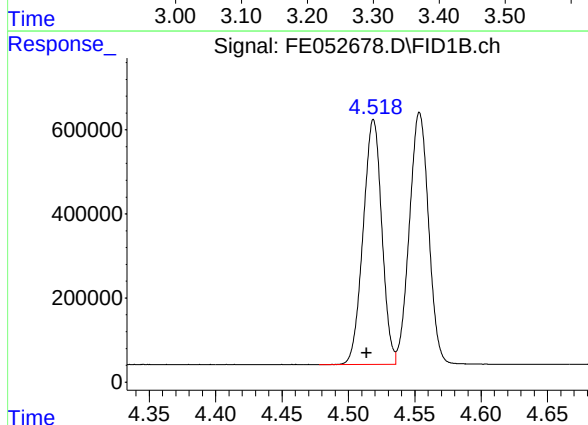




#1 n-Nonane (C9)

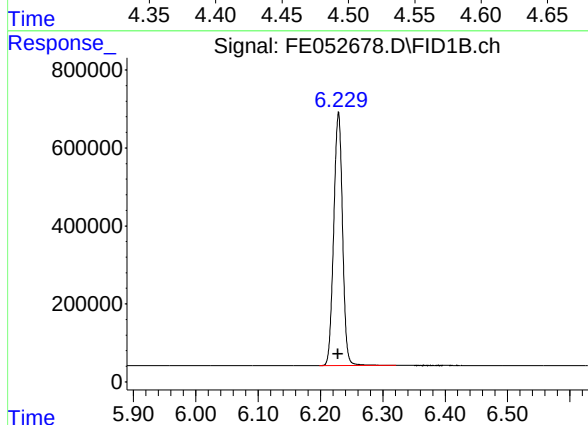
R.T.: 3.261 min
Delta R.T.: 0.009 min
Response: 5433835
Conc: 35.05 ug/ml

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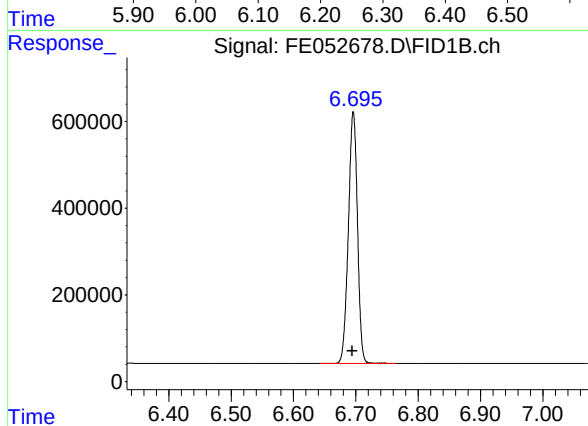
#2 n-Decane (C10)

R.T.: 4.519 min
Delta R.T.: 0.005 min
Response: 5701464
Conc: 36.29 ug/ml



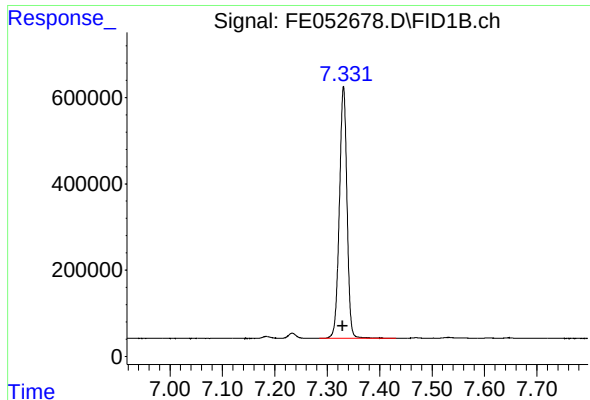
#3 A~Naphthalene (C11.7)

R.T.: 6.229 min
Delta R.T.: 0.000 min
Response: 6375094
Conc: 37.59 ug/ml



#4 n-Dodecane (C12)

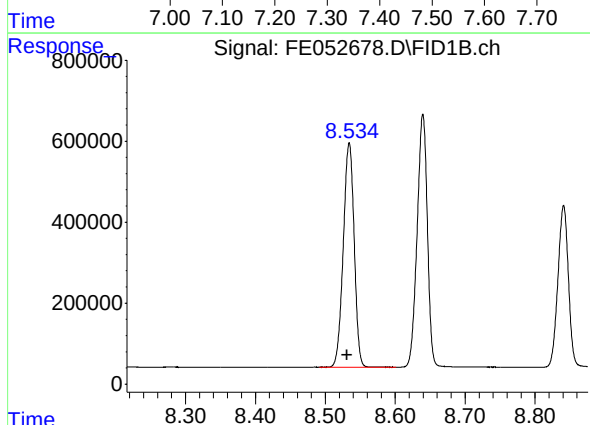
R.T.: 6.696 min
Delta R.T.: 0.001 min
Response: 5882968
Conc: 37.78 ug/ml



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

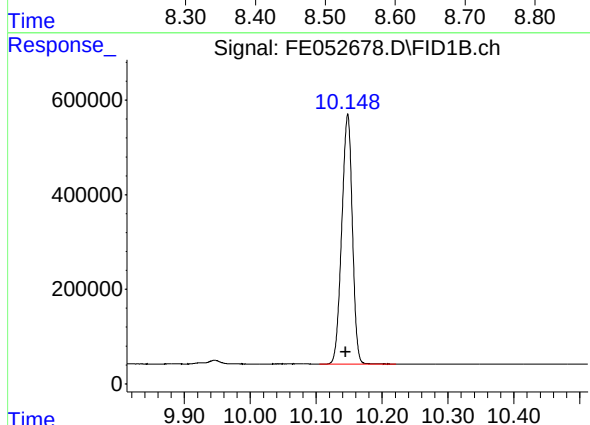
R.T.: 7.331 min
Delta R.T.: 0.001 min
Response: 5890266
Conc: 36.35 ug/ml

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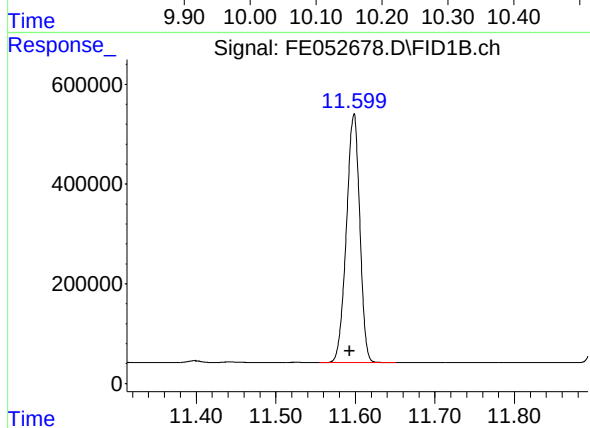
#6 n-Tetradecane (C14)

R.T.: 8.534 min
Delta R.T.: 0.003 min
Response: 5985832
Conc: 39.56 ug/ml



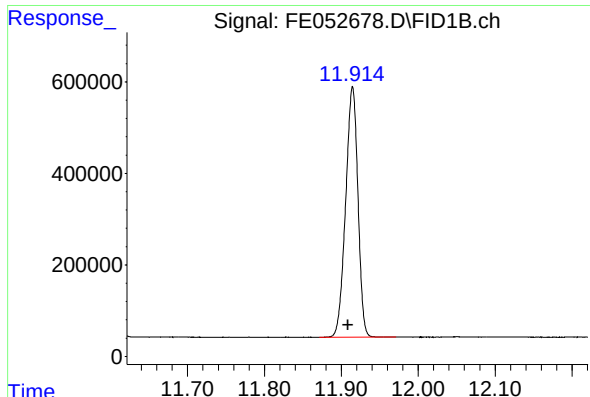
#7 n-Hexadecane (C16)

R.T.: 10.148 min
Delta R.T.: 0.003 min
Response: 5894269
Conc: 38.55 ug/ml



#8 n-Octadecane (C18)

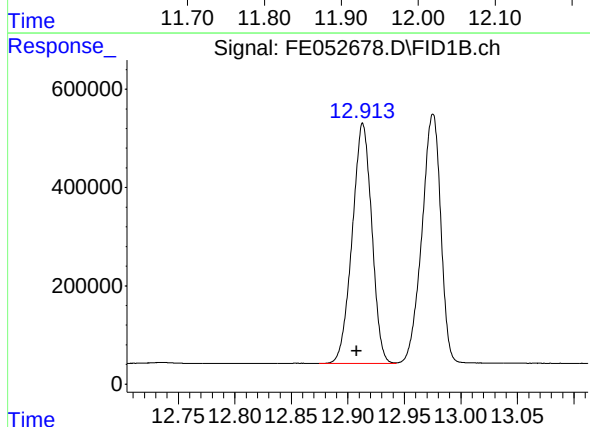
R.T.: 11.598 min
Delta R.T.: 0.005 min
Response: 5838393
Conc: 38.37 ug/ml



#9 ortho-Terphenyl (SURR)

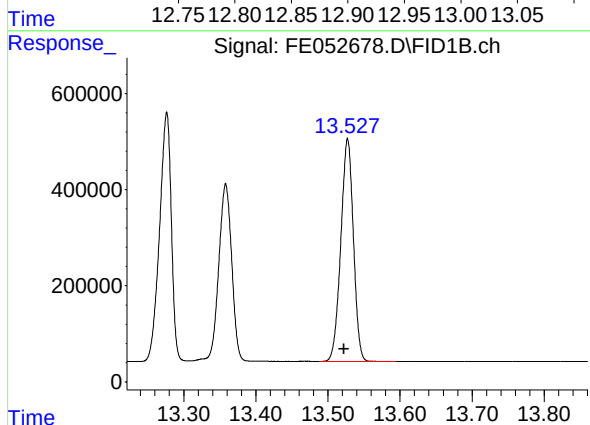
R.T.: 11.914 min
Delta R.T.: 0.006 min
Response: 6052564
Conc: 35.90 ug/ml

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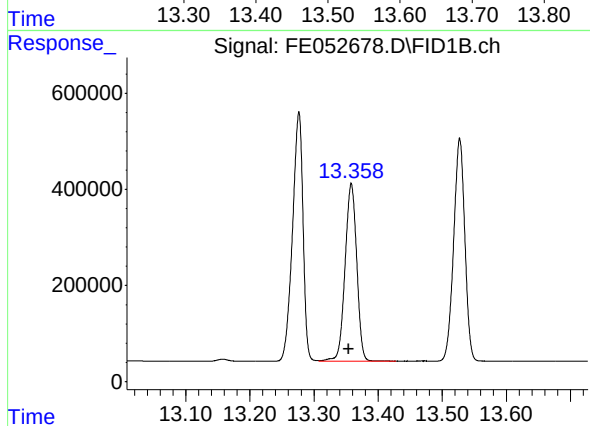
#10 n-Eicosane (C20)

R.T.: 12.913 min
Delta R.T.: 0.006 min
Response: 5873131
Conc: 40.46 ug/ml



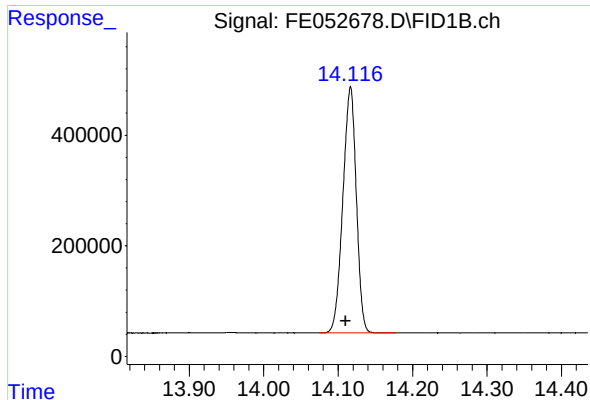
#11 n-Heneicosane (C21)

R.T.: 13.527 min
Delta R.T.: 0.005 min
Response: 5624831
Conc: 39.52 ug/ml



#12 1-chlorooctadecane (SURR)

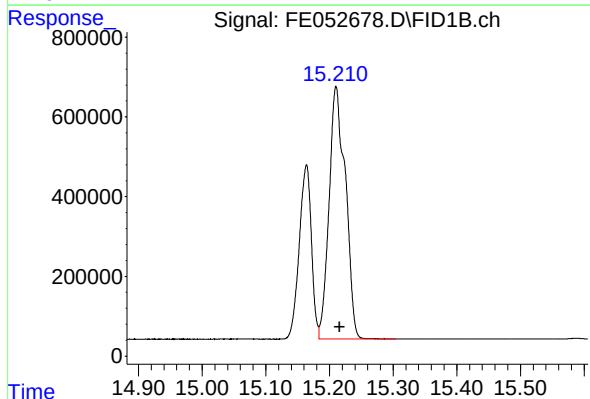
R.T.: 13.358 min
Delta R.T.: 0.004 min
Response: 4643061
Conc: 38.24 ug/ml



#13 n-Docosane (C22)

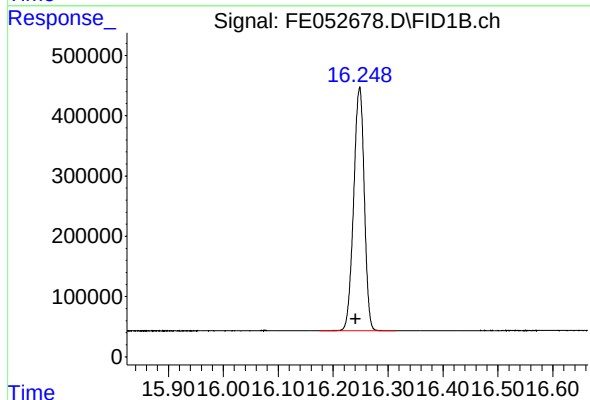
R.T.: 14.116 min
Delta R.T.: 0.006 min
Response: 5582845
Conc: 39.23 ug/ml

Instrument :
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PB167032BS



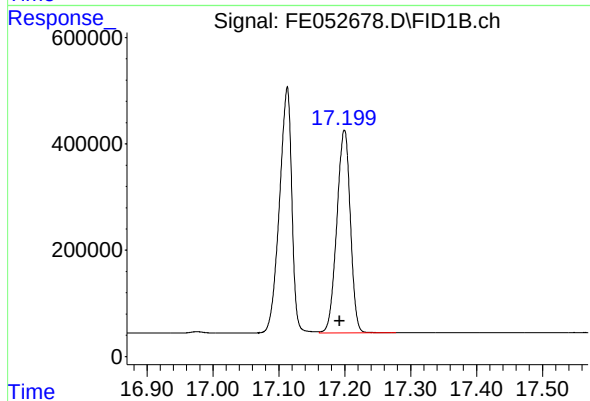
#14 n-Tetracosane (C24)

R.T.: 15.210 min
Delta R.T.: -0.006 min
Response: 11300308
Conc: 78.96 ug/ml



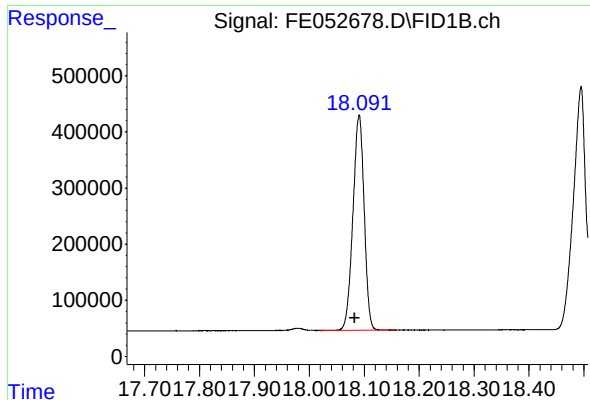
#15 n-Hexacosane (C26)

R.T.: 16.248 min
Delta R.T.: 0.007 min
Response: 5437019
Conc: 38.24 ug/ml



#16 n-Octacosane (C28)

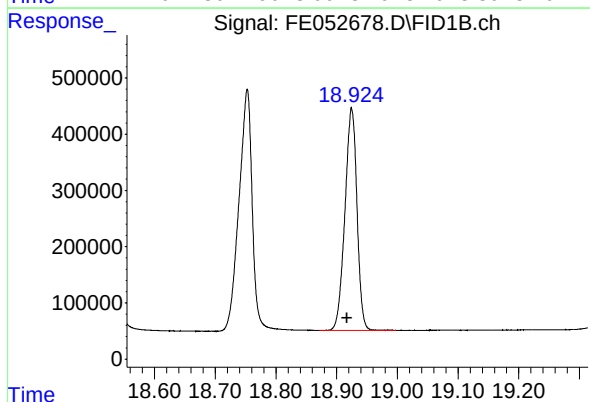
R.T.: 17.199 min
Delta R.T.: 0.007 min
Response: 5441193
Conc: 38.27 ug/ml



#17 n-Tricontane (C30)

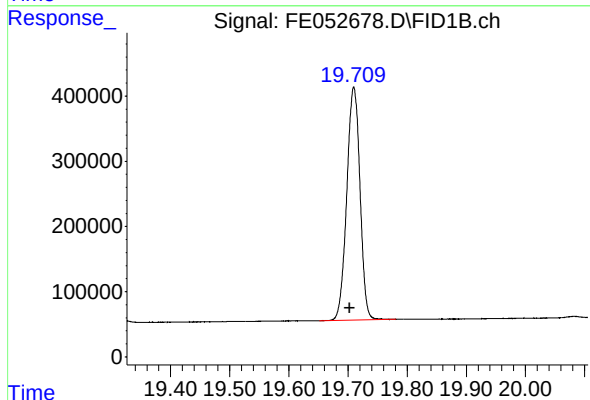
R.T.: 18.090 min
Delta R.T.: 0.008 min
Response: 5457056
Conc: 36.95 ug/ml

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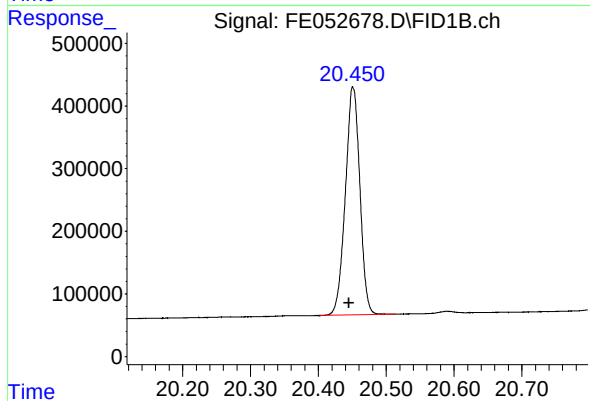
#18 n-Dotriacontane (C32)

R.T.: 18.925 min
Delta R.T.: 0.008 min
Response: 5458629
Conc: 37.60 ug/ml



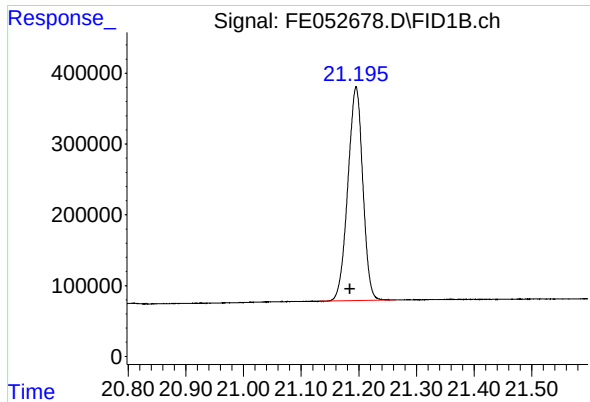
#19 n-Tetratriacontane (C34)

R.T.: 19.710 min
Delta R.T.: 0.007 min
Response: 5550118
Conc: 41.18 ug/ml



#20 n-Hexatriacontane (C36)

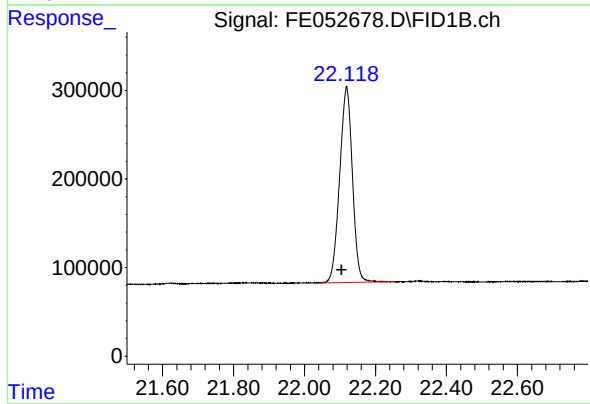
R.T.: 20.451 min
Delta R.T.: 0.006 min
Response: 5406513
Conc: 45.50 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.195 min
Delta R.T.: 0.010 min
Response: 5447255
Conc: 49.10 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.119 min
Delta R.T.: 0.014 min
Response: 5519293
Conc: 51.05 ug/ml