

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE021325AL\
 Data File : FE052380.D
 Signal(s) : FID1B.ch
 Acq On : 13 Feb 2025 17:14
 Operator : YP\AJ
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 10 PPM ALIPHATIC HC STD4

Integration File: autoint1.e
 Quant Time: Feb 13 17:54:19 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 021325.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 13 17:40:38 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)	11.917	1983598	10.805 ug/ml
Spiked Amount 50.000		Recovery =	21.61%
12) S 1-chlorooctadecane (S...	13.365	1480758	10.831 ug/ml
Spiked Amount 50.000		Recovery =	21.66%
Target Compounds			
1) T n-Nonane (C9)	3.255	1613288	10.707 ug/ml
2) T n-Decane (C10)	4.516	1642402	10.700 ug/ml
3) T A~Naphthalene (C11.7)	6.229	1817154	10.693 ug/ml
4) T n-Dodecane (C12)	6.698	1662310	10.712 ug/ml
5) T A~2-methylnaphthalene...	7.331	1761904	10.653 ug/ml
6) T n-Tetradecane (C14)	8.536	1660959	10.722 ug/ml
7) T n-Hexadecane (C16)	10.152	1734222	10.788 ug/ml
8) T n-Octadecane (C18)	11.602	1764776	10.852 ug/ml
10) T n-Eicosane (C20)	12.919	1709353	10.908 ug/ml
11) T n-Heneicosane (C21)	13.533	1677040	10.891 ug/ml
13) T n-Docosane (C22)	14.122	1688484	10.959 ug/ml
14) T n-Tetracosane (C24)	15.229	1725937	11.130 ug/ml
15) T n-Hexacosane (C26)	16.255	1707228	11.176 ug/ml
16) T n-Octacosane (C28)	17.208	1685605	11.229 ug/ml
17) T n-Tricontane (C30)	18.099	1713232	11.310 ug/ml
18) T n-Dotriacontane (C32)	18.934	1682716	11.468 ug/ml
19) T n-Tetratriacontane (C34)	19.721	1559064	11.528 ug/ml
20) T n-Hexatriacontane (C36)	20.464	1348164	11.414 ug/ml
21) T n-Octatriacontane (C38)	21.210	1187119	11.288 ug/ml
22) T n-Tetracontane (C40)	22.137	1063958	10.949 ug/ml

(f)=RT Delta > 1/2 Window

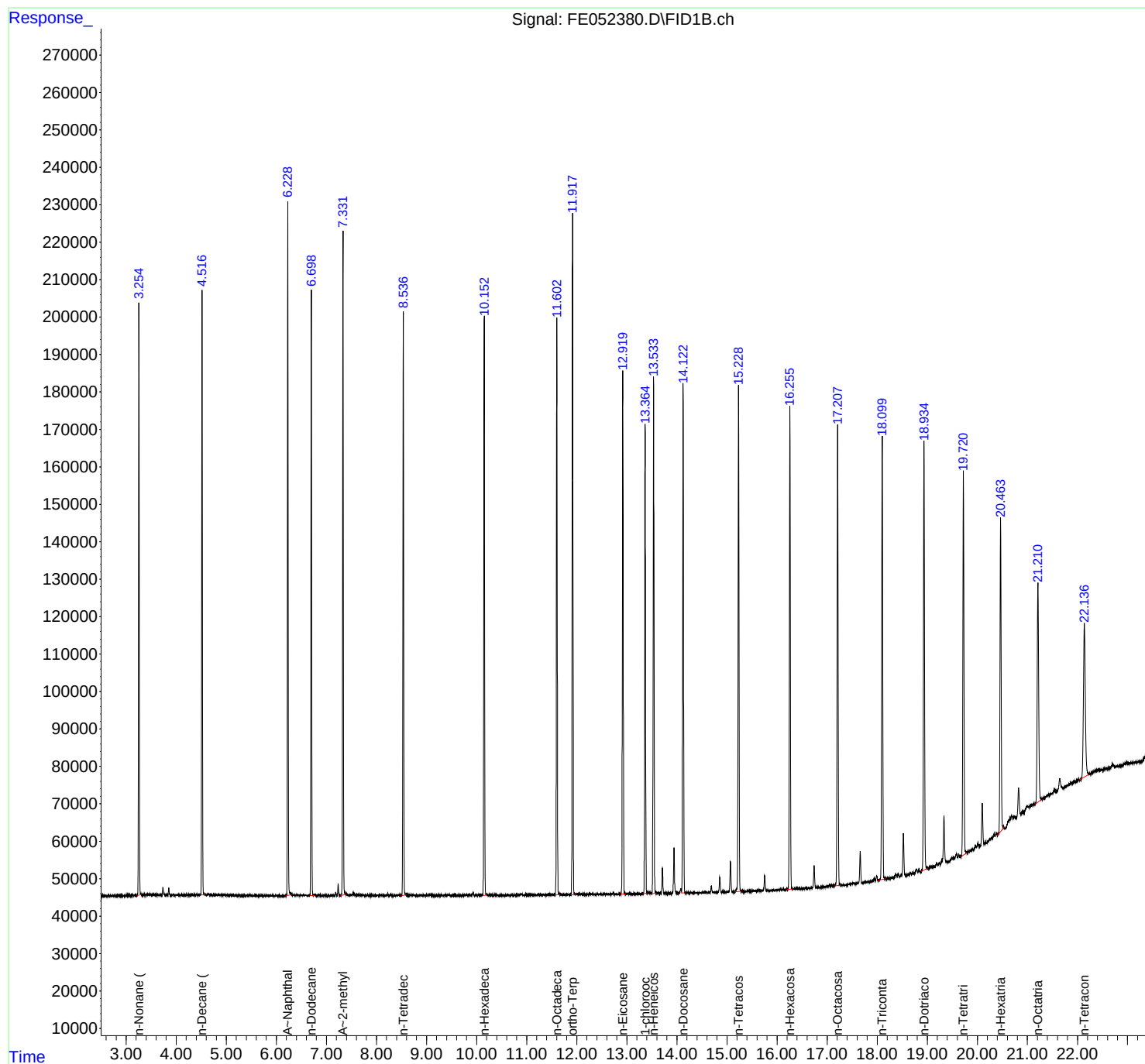
(m)=manual int.

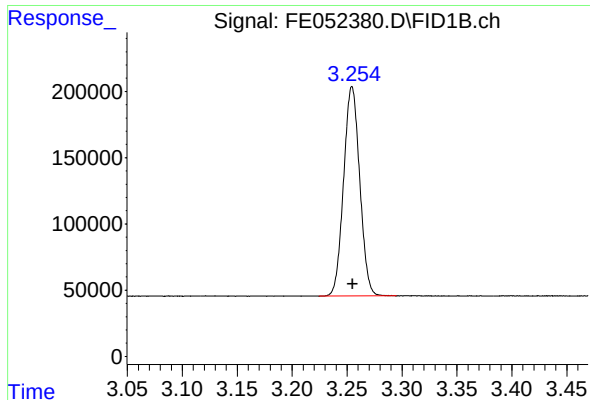
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE021325AL\
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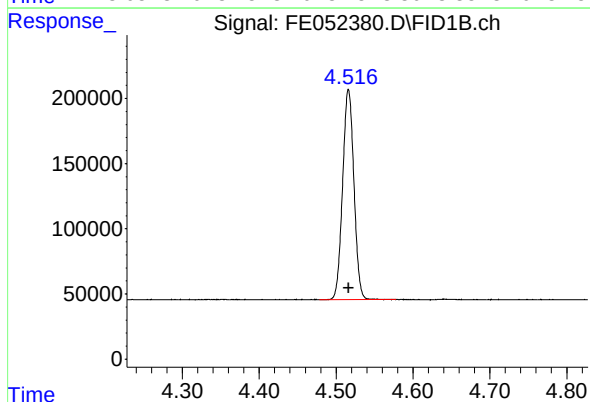




#1 n-Nonane (C9)

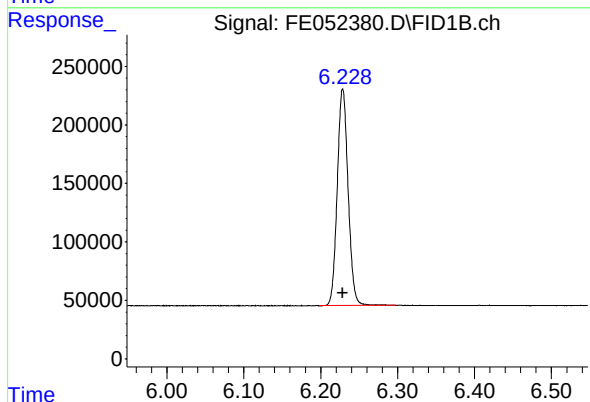
R.T.: 3.255 min
Delta R.T.: 0.000 min
Response: 1613288
Conc: 10.71 ug/ml

Instrument :
FID_E
ClientSampleId :
10 PPM ALIPHATIC HC STD4



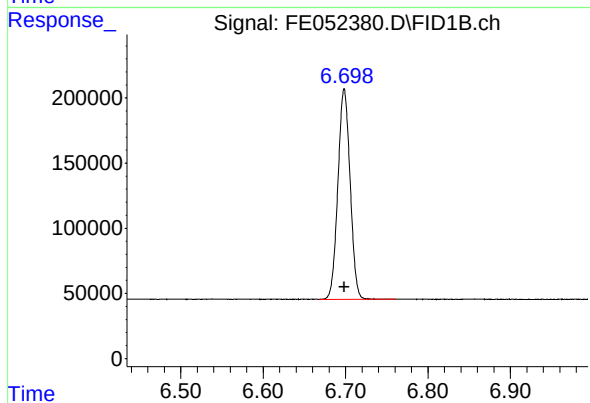
#2 n-Decane (C10)

R.T.: 4.516 min
Delta R.T.: 0.000 min
Response: 1642402
Conc: 10.70 ug/ml



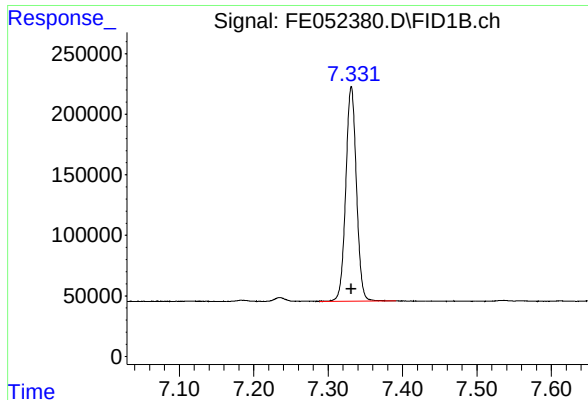
#3 A~Naphthalene (C11.7)

R.T.: 6.229 min
Delta R.T.: 0.000 min
Response: 1817154
Conc: 10.69 ug/ml



#4 n-Dodecane (C12)

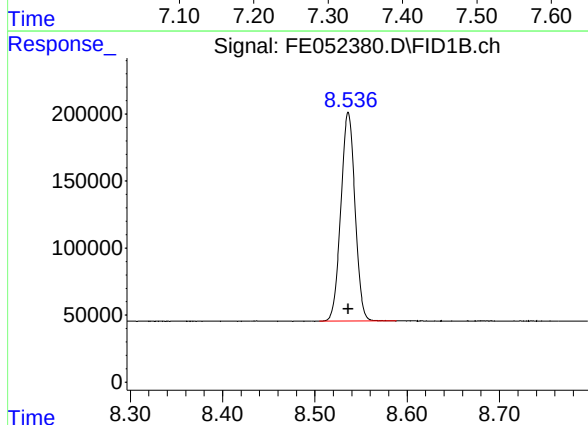
R.T.: 6.698 min
Delta R.T.: 0.000 min
Response: 1662310
Conc: 10.71 ug/ml



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

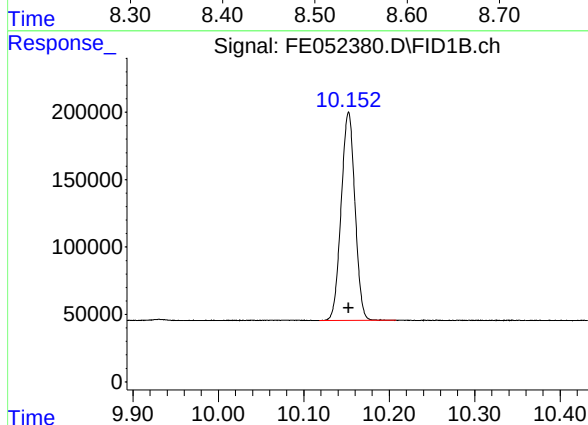
R.T.: 7.331 min
Delta R.T.: 0.000 min
Response: 1761904
Conc: 10.65 ug/ml

Instrument :
FID_E
ClientSampleId :
10 PPM ALIPHATIC HC STD4



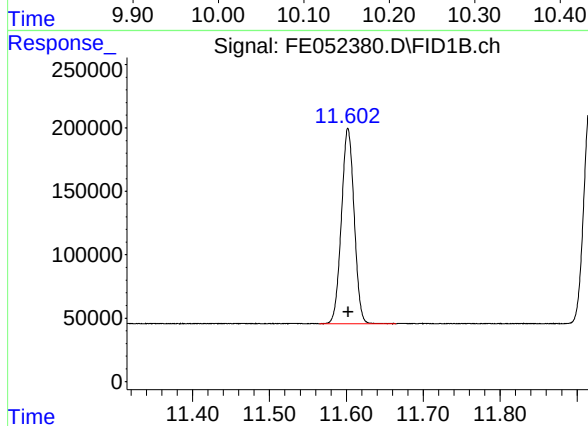
#6 n-Tetradecane (C14)

R.T.: 8.536 min
Delta R.T.: 0.000 min
Response: 1660959
Conc: 10.72 ug/ml



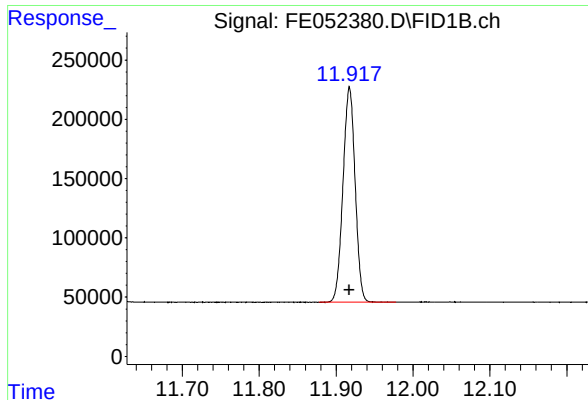
#7 n-Hexadecane (C16)

R.T.: 10.152 min
Delta R.T.: 0.000 min
Response: 1734222
Conc: 10.79 ug/ml



#8 n-Octadecane (C18)

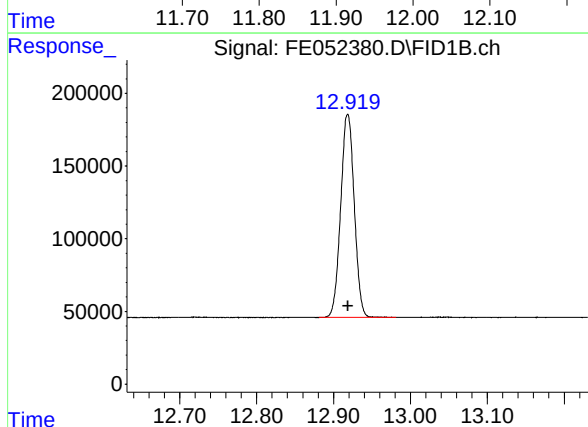
R.T.: 11.602 min
Delta R.T.: 0.000 min
Response: 1764776
Conc: 10.85 ug/ml



#9 ortho-Terphenyl (SURR)

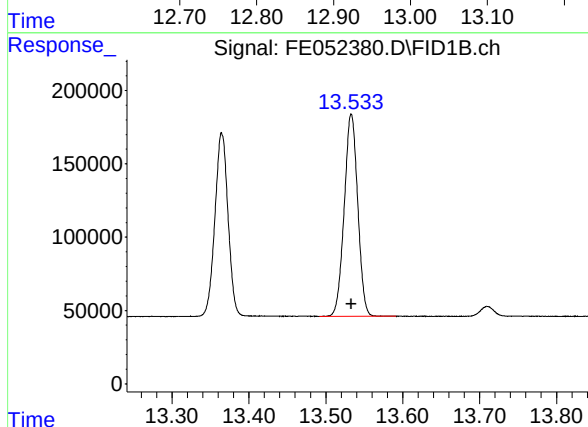
R.T.: 11.917 min
Delta R.T.: 0.000 min
Response: 1983598
Conc: 10.80 ug/ml

Instrument :
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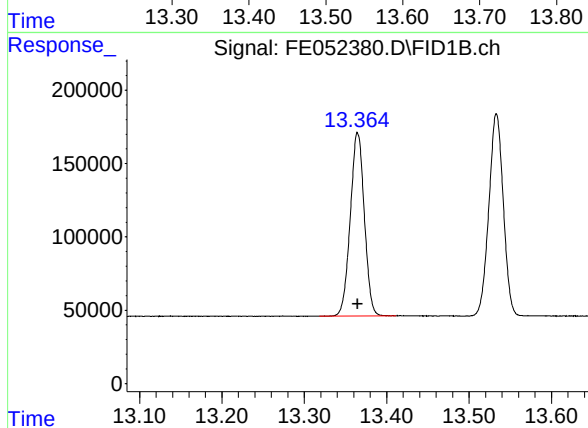
#10 n-Eicosane (C20)

R.T.: 12.919 min
Delta R.T.: 0.000 min
Response: 1709353
Conc: 10.91 ug/ml



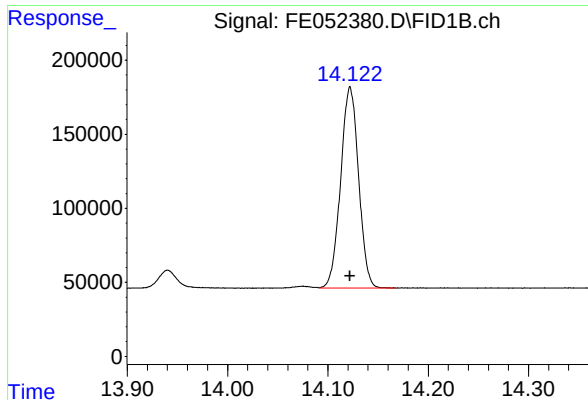
#11 n-Heneicosane (C21)

R.T.: 13.533 min
Delta R.T.: 0.000 min
Response: 1677040
Conc: 10.89 ug/ml



#12 1-chlorooctadecane (SURR)

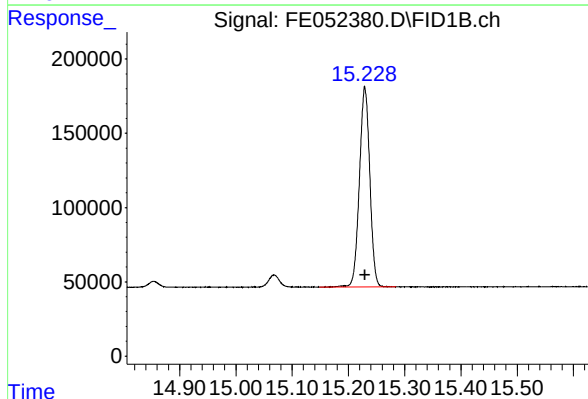
R.T.: 13.365 min
Delta R.T.: 0.000 min
Response: 1480758
Conc: 10.83 ug/ml



#13 n-Docosane (C22)

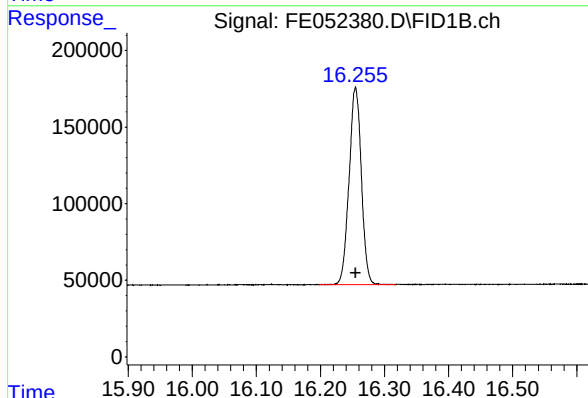
R.T.: 14.122 min
Delta R.T.: 0.000 min
Response: 1688484
Conc: 10.96 ug/ml

Instrument :
FID_E
ClientSampleId :
10 PPM ALIPHATIC HC STD4



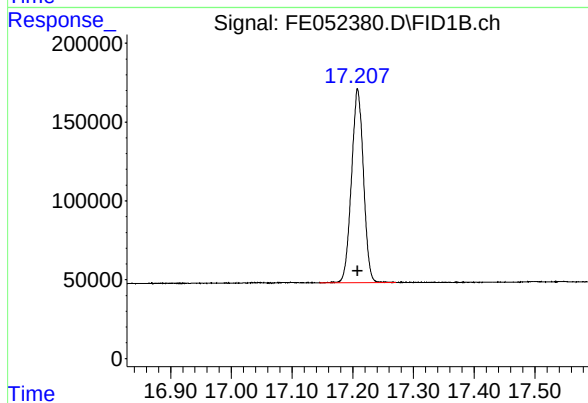
#14 n-Tetracosane (C24)

R.T.: 15.229 min
Delta R.T.: 0.000 min
Response: 1725937
Conc: 11.13 ug/ml



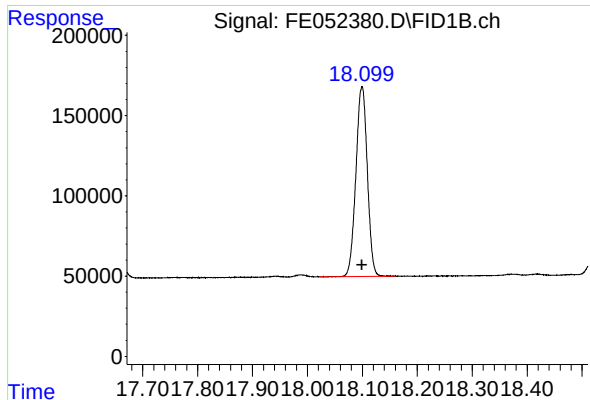
#15 n-Hexacosane (C26)

R.T.: 16.255 min
Delta R.T.: 0.000 min
Response: 1707228
Conc: 11.18 ug/ml



#16 n-Octacosane (C28)

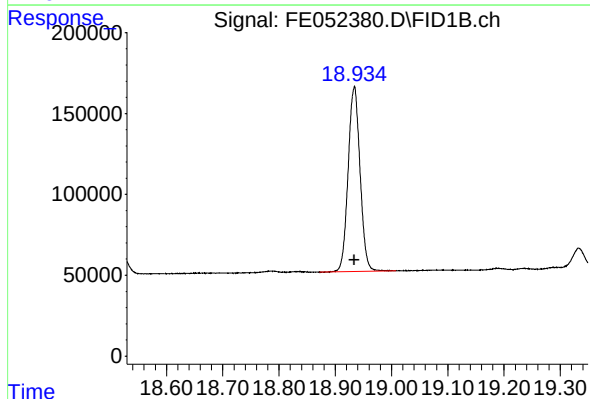
R.T.: 17.208 min
Delta R.T.: 0.000 min
Response: 1685605
Conc: 11.23 ug/ml



#17 n-Tricontane (C30)

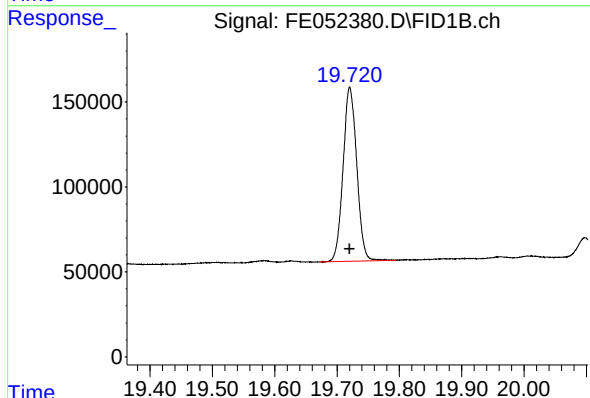
R.T.: 18.099 min
Delta R.T.: 0.000 min
Response: 1713232
Conc: 11.31 ug/ml

Instrument :
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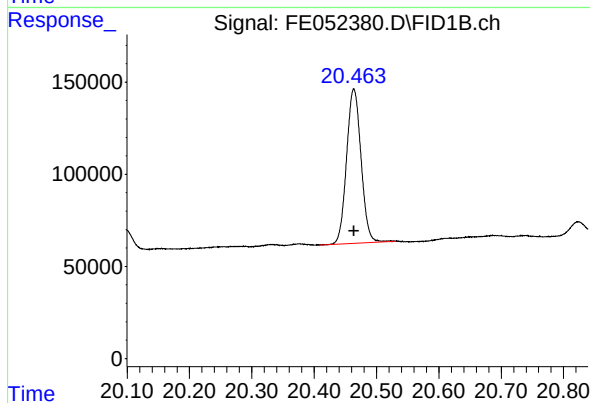
#18 n-Dotriacontane (C32)

R.T.: 18.934 min
Delta R.T.: 0.000 min
Response: 1682716
Conc: 11.47 ug/ml



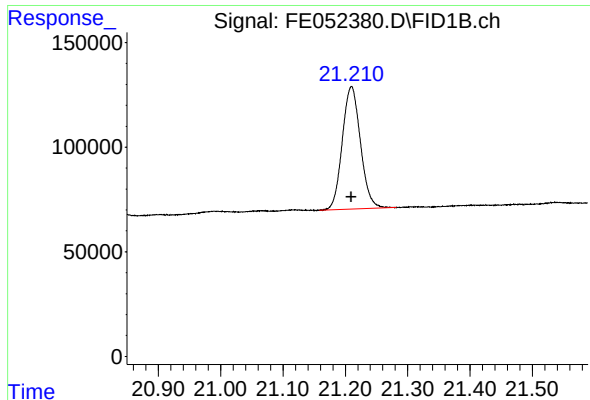
#19 n-Tetatriacontane (C34)

R.T.: 19.721 min
Delta R.T.: 0.000 min
Response: 1559064
Conc: 11.53 ug/ml



#20 n-Hexatriacontane (C36)

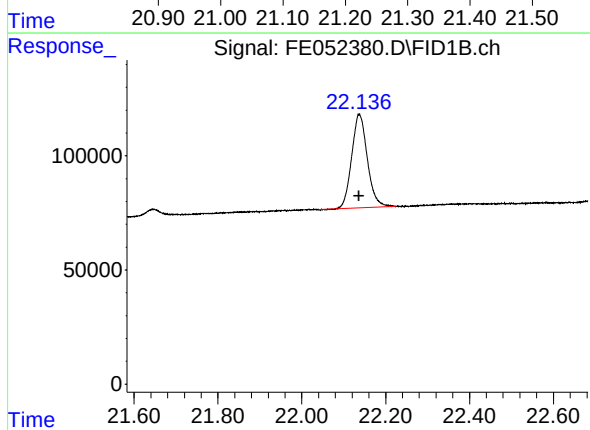
R.T.: 20.464 min
Delta R.T.: 0.000 min
Response: 1348164
Conc: 11.41 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.210 min
Delta R.T.: 0.000 min
Response: 1187119
Conc: 11.29 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.137 min
Delta R.T.: 0.000 min
Response: 1063958
Conc: 10.95 ug/ml