

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE032425AL\
 Data File : FE052946.D
 Signal(s) : FID1B.ch
 Acq On : 24 Mar 2025 17:40
 Operator : YP\AJ
 Sample : Q1624-01MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 OK-01-03212025MSD

Integration File: autoint1.e
 Quant Time: Mar 25 01:53:15 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)	11.911	5088616	30.184 ug/ml
Spiked Amount 50.000		Recovery =	60.37%
12) S 1-chlorooctadecane (S...	13.355	3801366	31.306 ug/ml
Spiked Amount 50.000		Recovery =	62.61%
Target Compounds			
1) T n-Nonane (C9)	3.253	6825104	44.019 ug/ml
2) T n-Decane (C10)	4.514	7684980	48.919 ug/ml
3) T A~Naphthalene (C11.7)	6.226	8970139	52.892 ug/ml
4) T n-Dodecane (C12)	6.693	8567236	55.024 ug/ml
5) T A~2-methylnaphthalene...	7.329	8558866	52.814 ug/ml
6) T n-Tetradecane (C14)	8.533	9182975	60.690 ug/ml
7) T n-Hexadecane (C16)	10.147	9219188	60.300 ug/ml
8) T n-Octadecane (C18)	11.596	9076845	59.661 ug/ml
10) T n-Eicosane (C20)	12.912	9066340	62.451 ug/ml
11) T n-Heneicosane (C21)	13.526	8627530	60.617 ug/ml
13) T n-Docosane (C22)	14.115	8563608	60.176 ug/ml
14) T n-Tetracosane (C24)	15.216	17211825	120.271 ug/ml
15) T n-Hexacosane (C26)	16.248	8312556	58.459 ug/ml
16) T n-Octacosane (C28)	17.199	8518333	59.906 ug/ml
17) T n-Tricontane (C30)	18.093	8558080	57.942 ug/ml
18) T n-Dotriacontane (C32)	18.926	8422587	58.015 ug/ml
19) T n-Tetratriacontane (C34)	19.714	8723286	64.723 ug/ml
20) T n-Hexatriacontane (C36)	20.457	8500547	71.539 ug/ml
21) T n-Octatriacontane (C38)	21.203	8374547	75.490 ug/ml
22) T n-Tetracontane (C40)	22.130	8798444	81.380 ug/ml

(f)=RT Delta > 1/2 Window

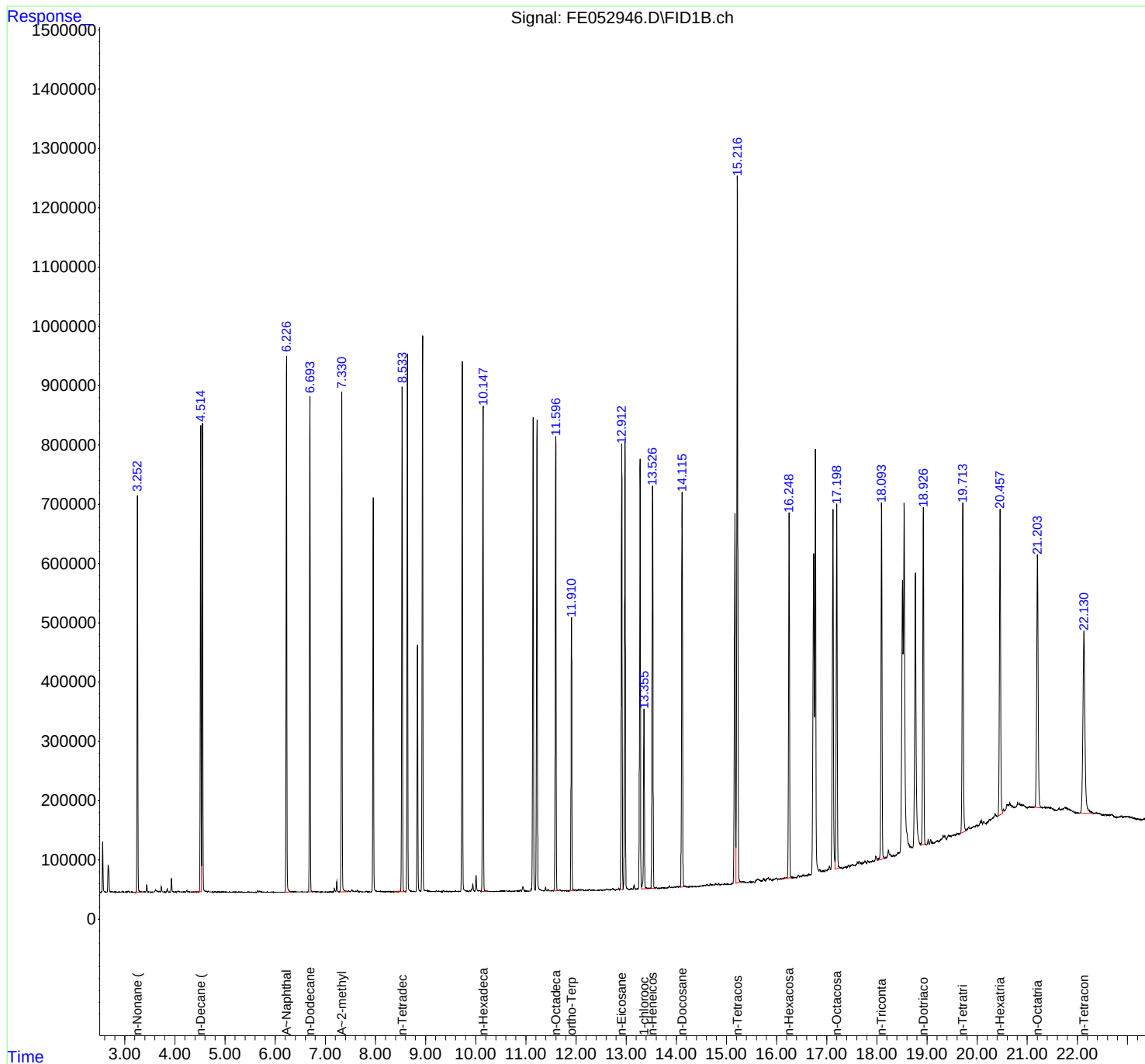
(m)=manual int.

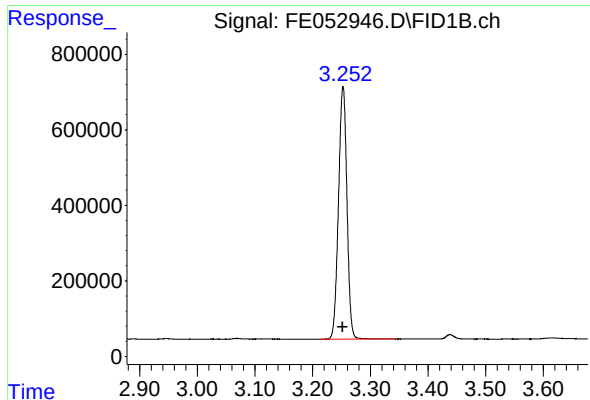
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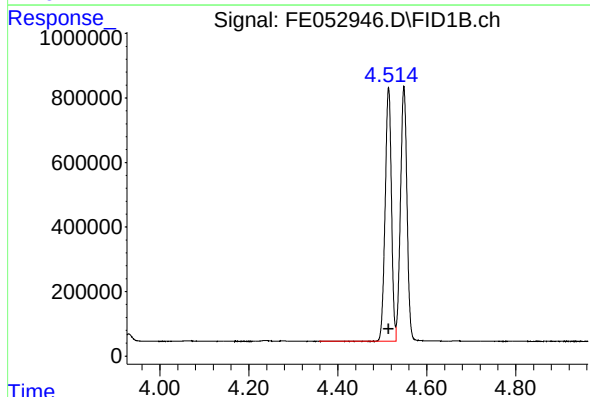




#1 n-Nonane (C9)

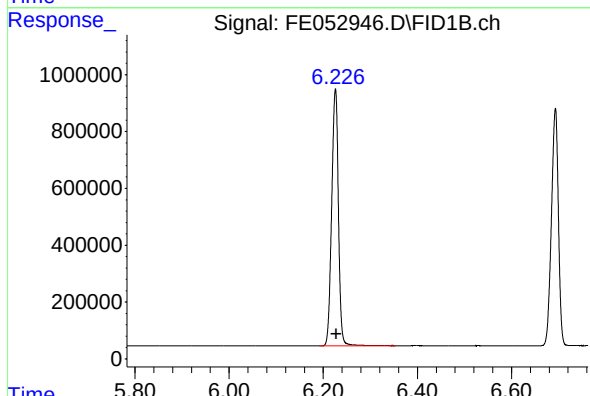
R.T.: 3.253 min
Delta R.T.: 0.000 min
Response: 6825104
Conc: 44.02 ug/ml

Instrument :
FID_E
ClientSampleId :
OK-01-03212025MSD



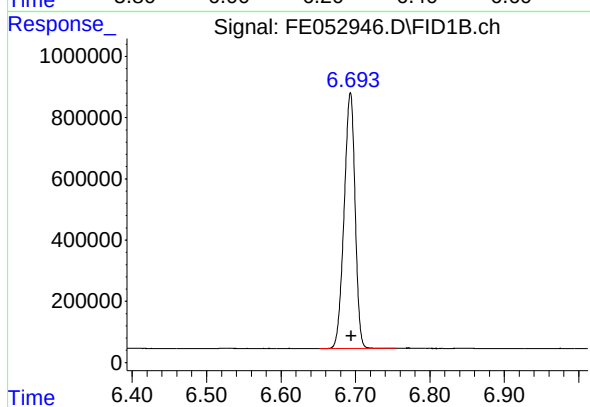
#2 n-Decane (C10)

R.T.: 4.514 min
Delta R.T.: 0.000 min
Response: 7684980
Conc: 48.92 ug/ml



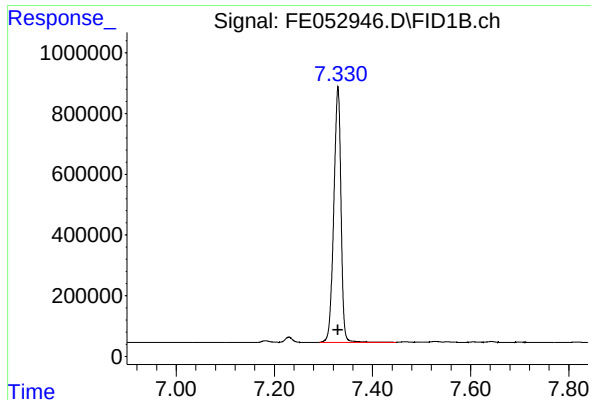
#3 A~Naphthalene (C11.7)

R.T.: 6.226 min
Delta R.T.: -0.002 min
Response: 8970139
Conc: 52.89 ug/ml



#4 n-Dodecane (C12)

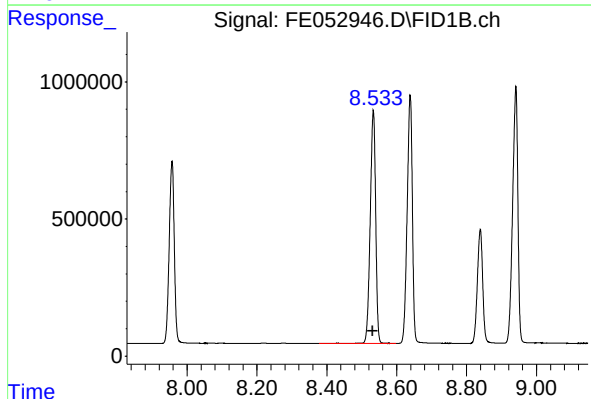
R.T.: 6.693 min
Delta R.T.: -0.002 min
Response: 8567236
Conc: 55.02 ug/ml



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

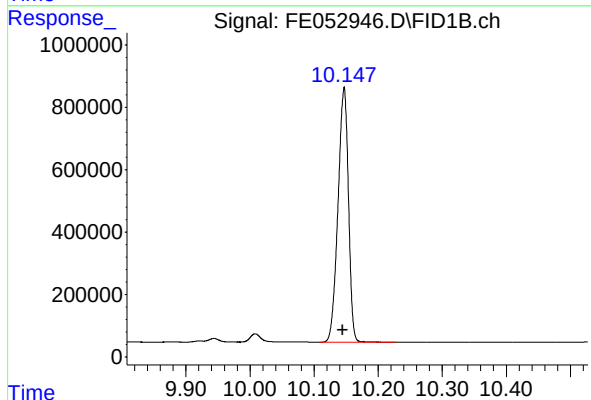
R.T.: 7.329 min
Delta R.T.: 0.000 min
Response: 8558866
Conc: 52.81 ug/ml

Instrument :
FID_E
ClientSampleId :
OK-01-03212025MSD



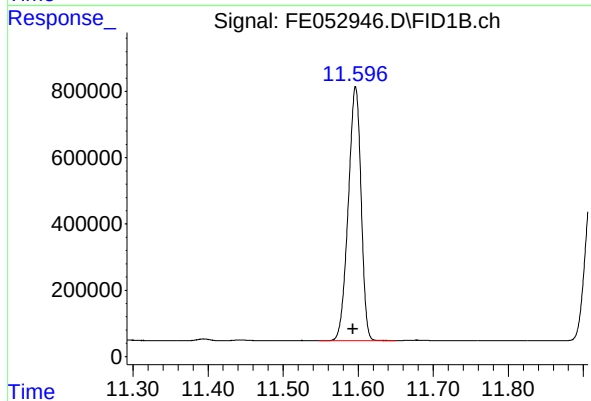
#6 n-Tetradecane (C14)

R.T.: 8.533 min
Delta R.T.: 0.002 min
Response: 9182975
Conc: 60.69 ug/ml



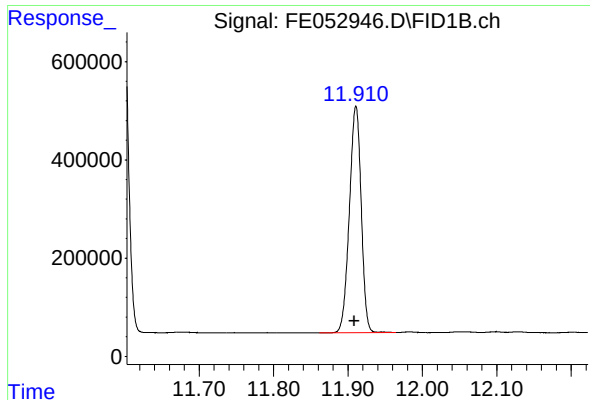
#7 n-Hexadecane (C16)

R.T.: 10.147 min
Delta R.T.: 0.002 min
Response: 9219188
Conc: 60.30 ug/ml



#8 n-Octadecane (C18)

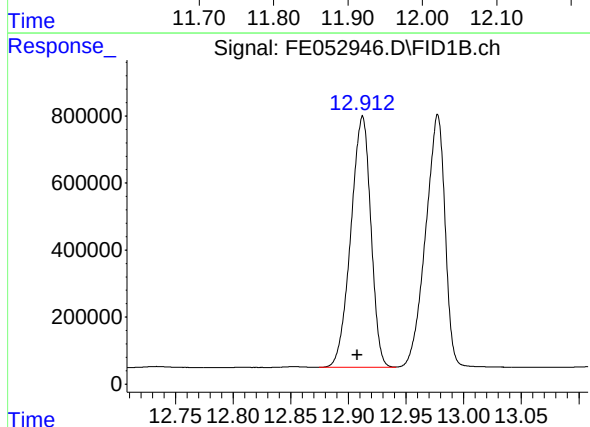
R.T.: 11.596 min
Delta R.T.: 0.003 min
Response: 9076845
Conc: 59.66 ug/ml



#9 ortho-Terphenyl (SURR)

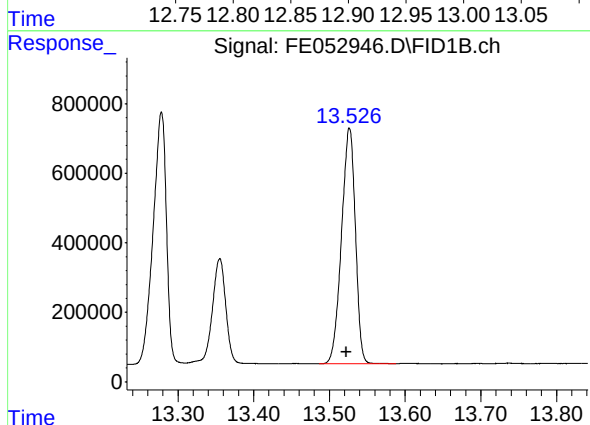
R.T.: 11.911 min
Delta R.T.: 0.002 min
Response: 5088616
Conc: 30.18 ug/ml

Instrument :
FID_E
ClientSampleId :
OK-01-03212025MSD



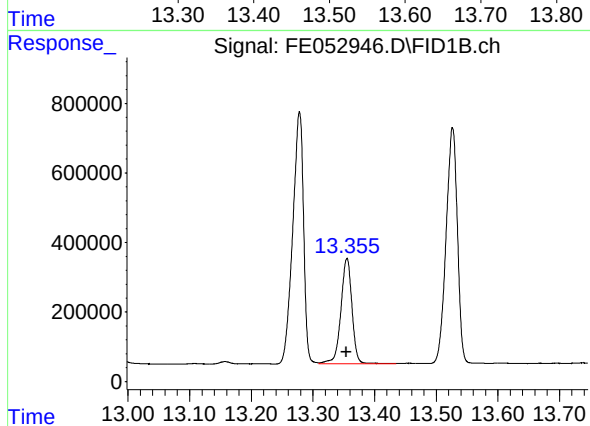
#10 n-Eicosane (C20)

R.T.: 12.912 min
Delta R.T.: 0.004 min
Response: 9066340
Conc: 62.45 ug/ml



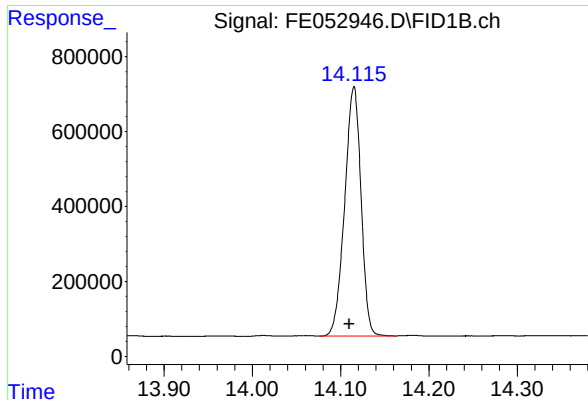
#11 n-Heneicosane (C21)

R.T.: 13.526 min
Delta R.T.: 0.004 min
Response: 8627530
Conc: 60.62 ug/ml



#12 1-chlorooctadecane (SURR)

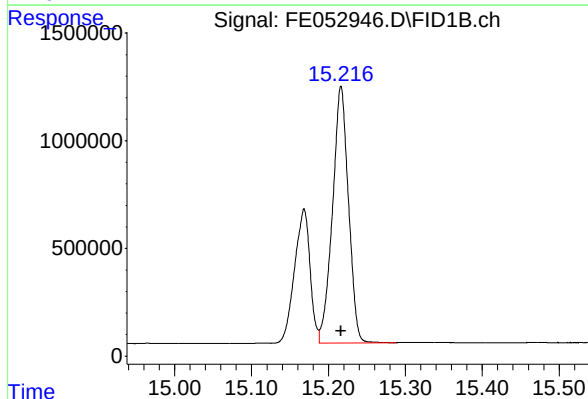
R.T.: 13.355 min
Delta R.T.: 0.000 min
Response: 3801366
Conc: 31.31 ug/ml



#13 n-Docosane (C22)

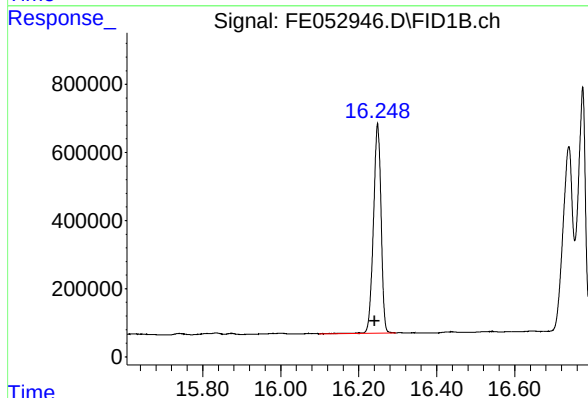
R.T.: 14.115 min
Delta R.T.: 0.005 min
Response: 8563608
Conc: 60.18 ug/ml

Instrument :
FID_E
ClientSampleId :
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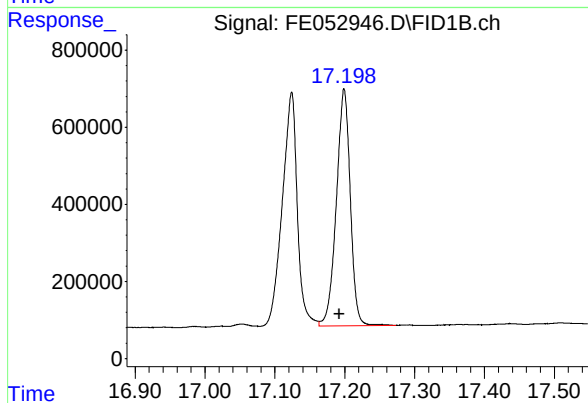
#14 n-Tetracosane (C24)

R.T.: 15.216 min
Delta R.T.: 0.000 min
Response: 17211825
Conc: 120.27 ug/ml



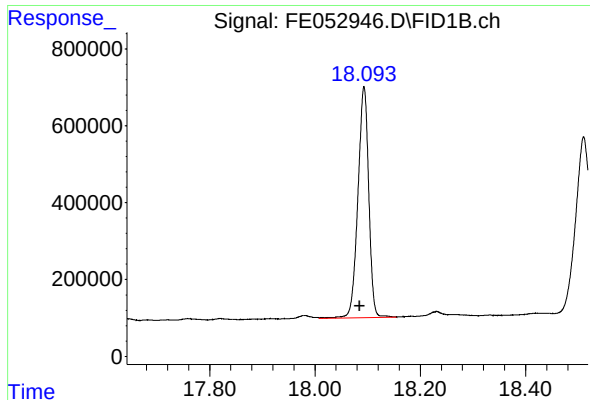
#15 n-Hexacosane (C26)

R.T.: 16.248 min
Delta R.T.: 0.008 min
Response: 8312556
Conc: 58.46 ug/ml



#16 n-Octacosane (C28)

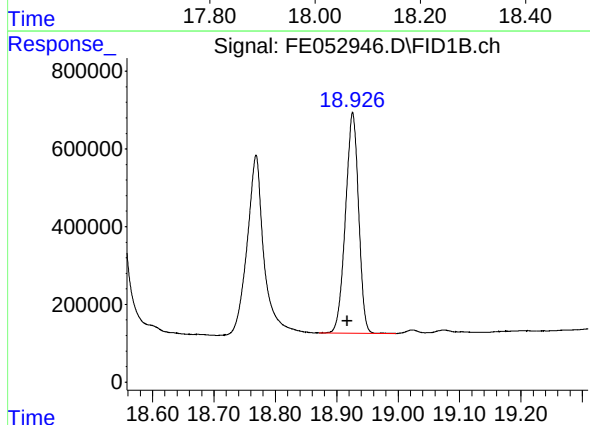
R.T.: 17.199 min
Delta R.T.: 0.007 min
Response: 8518333
Conc: 59.91 ug/ml



#17 n-Tricontane (C30)

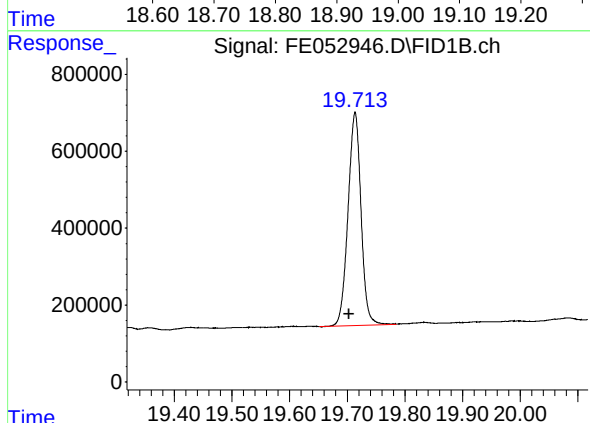
R.T.: 18.093 min
Delta R.T.: 0.008 min
Response: 8558080
Conc: 57.94 ug/ml

Instrument :
FID_E
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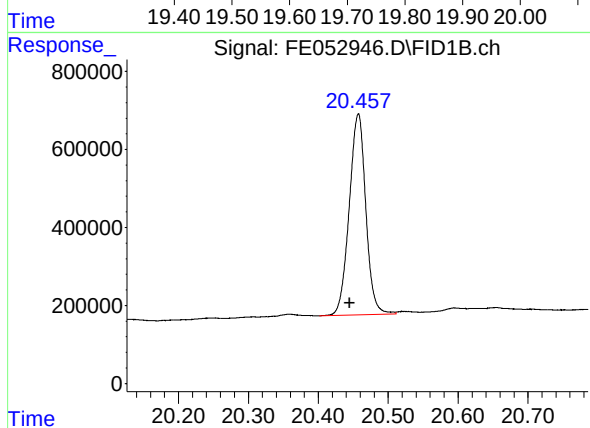
#18 n-Dotriacontane (C32)

R.T.: 18.926 min
Delta R.T.: 0.009 min
Response: 8422587
Conc: 58.02 ug/ml



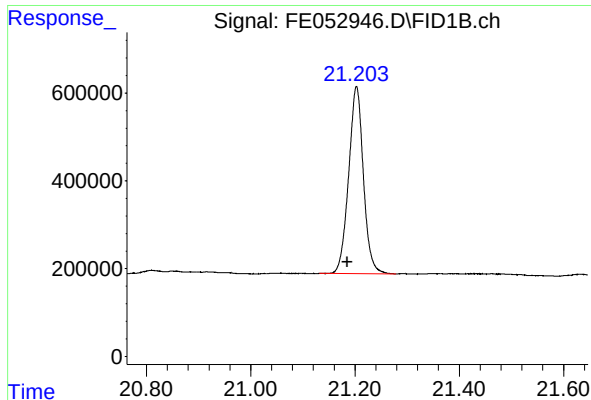
#19 n-Tetratriacontane (C34)

R.T.: 19.714 min
Delta R.T.: 0.011 min
Response: 8723286
Conc: 64.72 ug/ml



#20 n-Hexatriacontane (C36)

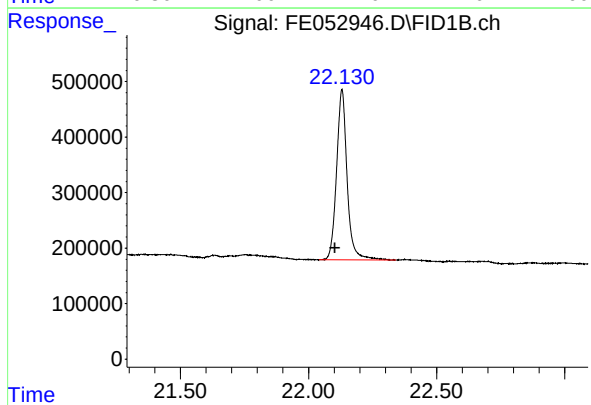
R.T.: 20.457 min
Delta R.T.: 0.012 min
Response: 8500547
Conc: 71.54 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.203 min
Delta R.T.: 0.018 min
Response: 8374547
Conc: 75.49 ug/ml

Instrument :
FID_E
ClientSampleId :
OK-01-03212025MSD



#22 n-Tetracontane (C40)

R.T.: 22.130 min
Delta R.T.: 0.026 min
Response: 8798444
Conc: 81.38 ug/ml