

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE052123AL\
 Data File : FE042072.D
 Signal(s) : FID1B.ch
 Acq On : 20 May 2023 21:20
 Operator : YP\AJ
 Sample : PB152919BSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB152919BSD

Integration File: autoint1.e
 Quant Time: May 21 04:23:19 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051823.M
 Quant Title : GC Extractables
 QLast Update : Thu May 18 06:27:12 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)	11.967	9136445	51.742 ug/ml
Spiked Amount 50.000		Recovery =	103.48%
12) S 1-chlorooctadecane (S...	13.402	7346893	55.290 ug/ml
Spiked Amount 50.000		Recovery =	110.58%
Target Compounds			
1) T n-Nonane (C9)	3.359	7033700	48.778 ug/ml
2) T n-Decane (C10)	4.605	7633478	51.565 ug/ml
3) T A~Naphthalene (C11.7)	6.306	8631968	52.905 ug/ml
4) T n-Dodecane (C12)	6.767	8190485	54.620 ug/ml
5) T A~2-methylnaphthalene...	7.402	8381455	52.812 ug/ml
6) T n-Tetradecane (C14)	8.597	8314958	55.504 ug/ml
7) T n-Hexadecane (C16)	10.203	8797939	56.480 ug/ml
8) T n-Octadecane (C18)	11.648	8879620	56.152 ug/ml
10) T n-Eicosane (C20)	12.958	8952126	59.058 ug/ml
11) T n-Heneicosane (C21)	13.570	8636272	58.293 ug/ml
13) T n-Docosane (C22)	14.155	8548676	58.314 ug/ml
14) T n-Tetracosane (C24)	15.250	16476489	114.138 ug/ml
15) T n-Hexacosane (C26)	16.282	8108202	58.544 ug/ml
16) T n-Octacosane (C28)	17.230	7820281	58.411 ug/ml
17) T n-Tricontane (C30)	18.119	7557686	55.986 ug/ml
18) T n-Dotriacontane (C32)	18.951	7161351	53.607 ug/ml
19) T n-Tetratriacontane (C34)	19.732	6975885	53.044 ug/ml
20) T n-Hexatriacontane (C36)	20.474	6526959	50.218 ug/ml
21) T n-Octatriacontane (C38)	21.223	6437993	47.452 ug/ml
22) T n-Tetracontane (C40)	22.159	6409893	46.075 ug/ml

(f)=RT Delta > 1/2 Window

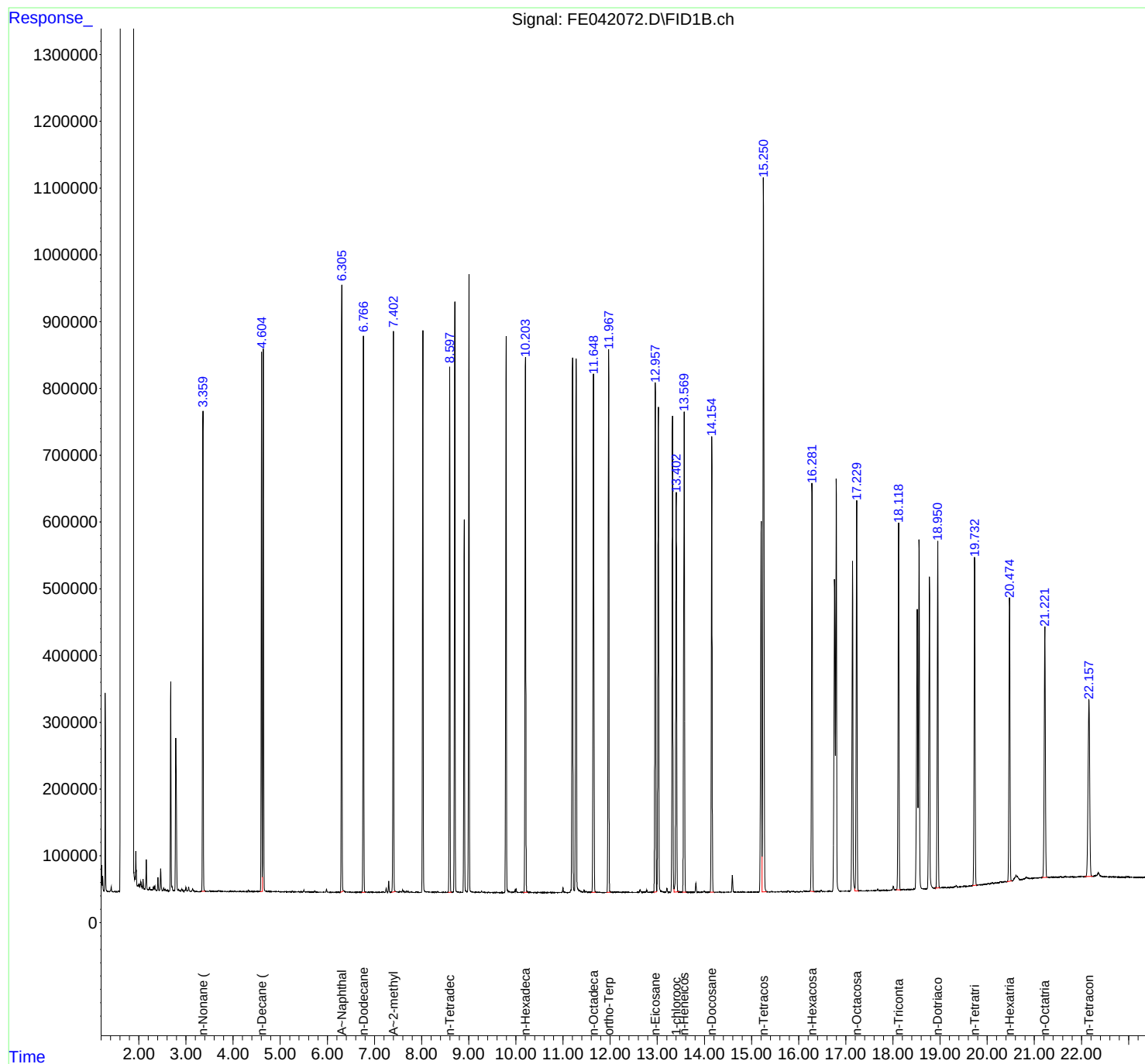
(m)=manual int.

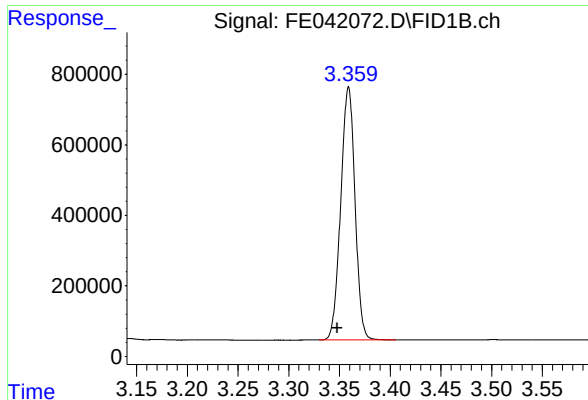
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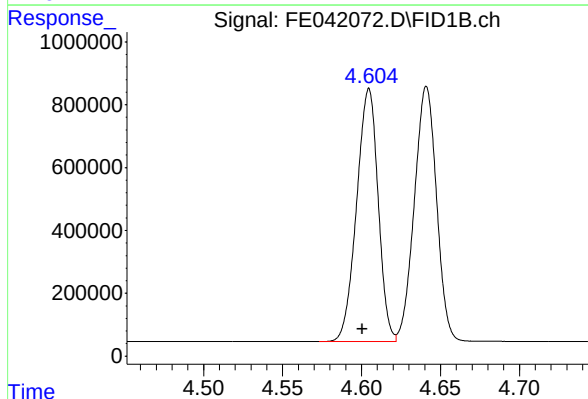




#1 n-Nonane (C9)

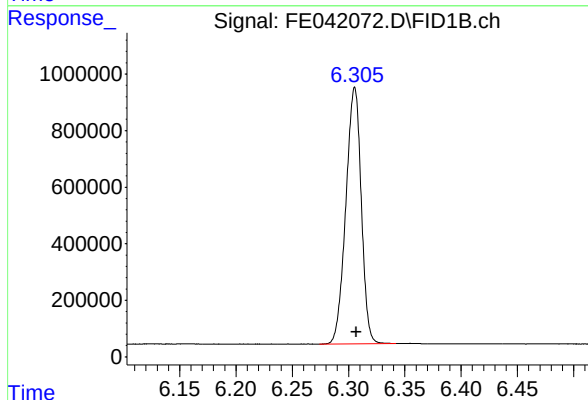
R.T.: 3.359 min
Delta R.T.: 0.011 min
Response: 7033700
Conc: 48.78 ug/ml

Instrument :
FID_E
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PB152919BSD



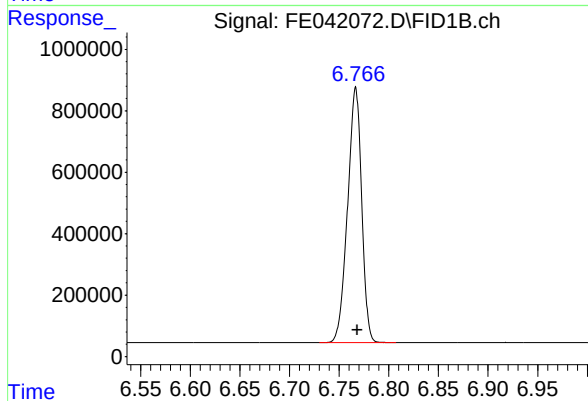
#2 n-Decane (C10)

R.T.: 4.605 min
Delta R.T.: 0.004 min
Response: 7633478
Conc: 51.56 ug/ml



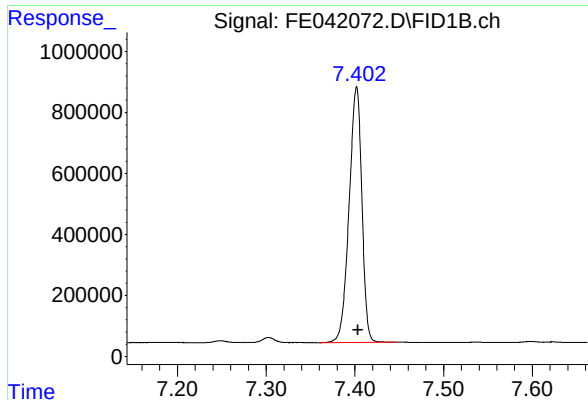
#3 A~Naphthalene (C11.7)

R.T.: 6.306 min
Delta R.T.: -0.001 min
Response: 8631968
Conc: 52.90 ug/ml



#4 n-Dodecane (C12)

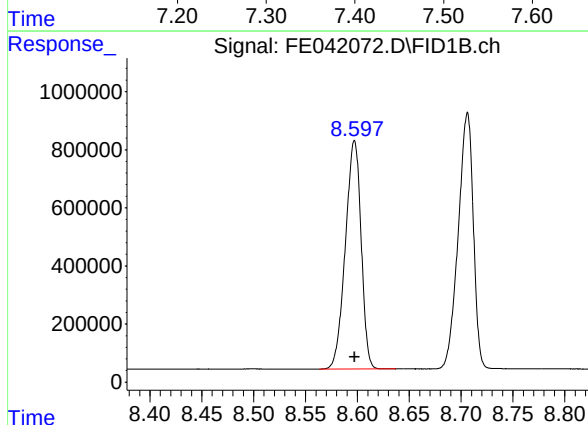
R.T.: 6.767 min
Delta R.T.: -0.002 min
Response: 8190485
Conc: 54.62 ug/ml



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

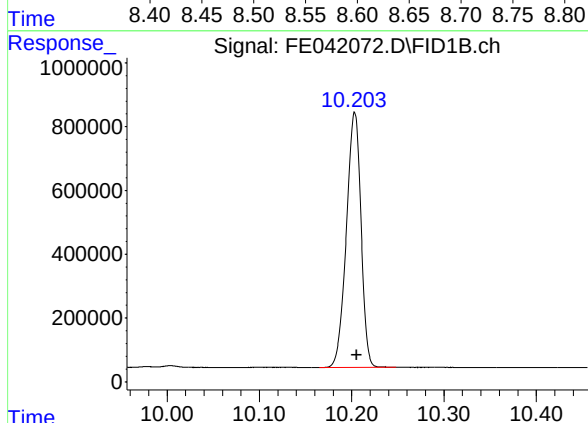
R.T.: 7.402 min
Delta R.T.: -0.002 min
Response: 8381455
Conc: 52.81 ug/ml

Instrument :
FID_E
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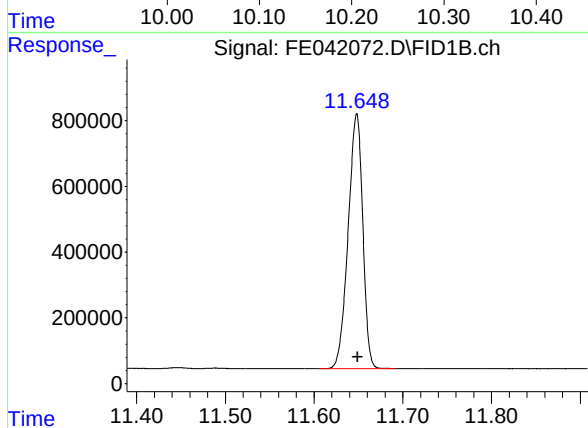
#6 n-Tetradecane (C14)

R.T.: 8.597 min
Delta R.T.: 0.000 min
Response: 8314958
Conc: 55.50 ug/ml



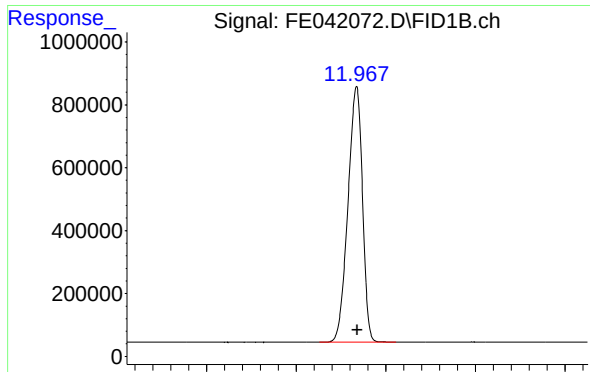
#7 n-Hexadecane (C16)

R.T.: 10.203 min
Delta R.T.: -0.002 min
Response: 8797939
Conc: 56.48 ug/ml



#8 n-Octadecane (C18)

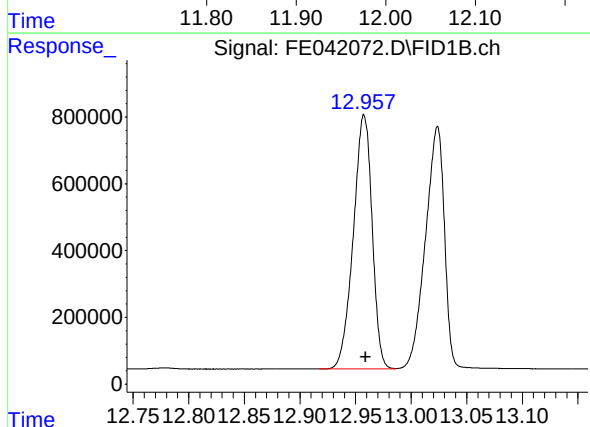
R.T.: 11.648 min
Delta R.T.: -0.001 min
Response: 8879620
Conc: 56.15 ug/ml



#9 ortho-Terphenyl (SURR)

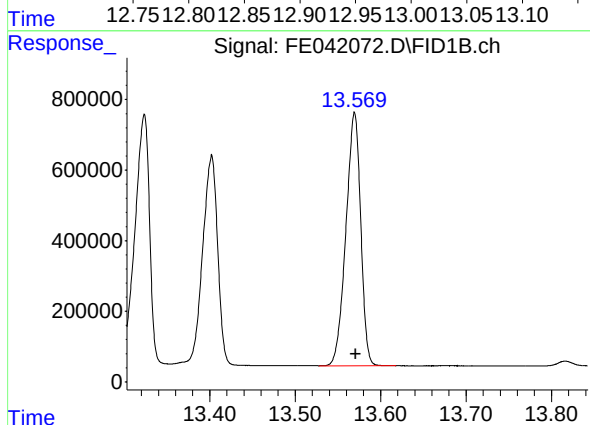
R.T.: 11.967 min
Delta R.T.: 0.000 min
Response: 9136445
Conc: 51.74 ug/ml

Instrument :
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PB152919BSD



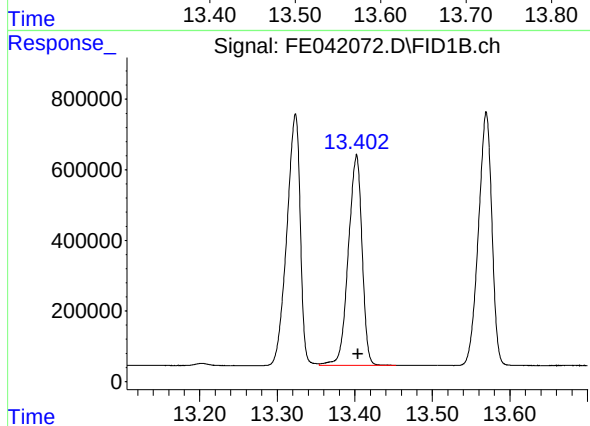
#10 n-Eicosane (C20)

R.T.: 12.958 min
Delta R.T.: -0.001 min
Response: 8952126
Conc: 59.06 ug/ml



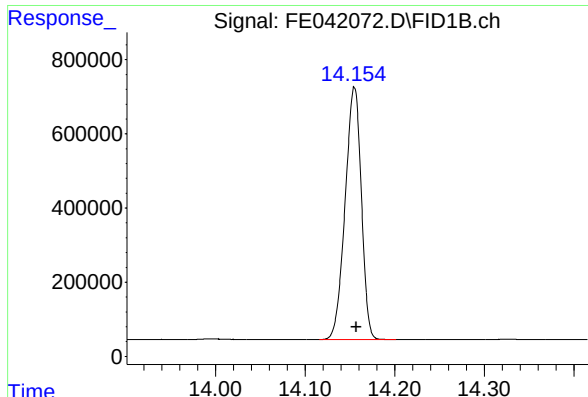
#11 n-Heneicosane (C21)

R.T.: 13.570 min
Delta R.T.: -0.001 min
Response: 8636272
Conc: 58.29 ug/ml



#12 1-chlorooctadecane (SURR)

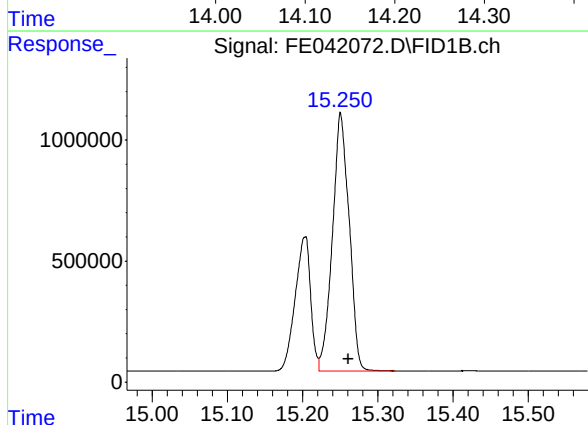
R.T.: 13.402 min
Delta R.T.: -0.002 min
Response: 7346893
Conc: 55.29 ug/ml



#13 n-Docosane (C22)

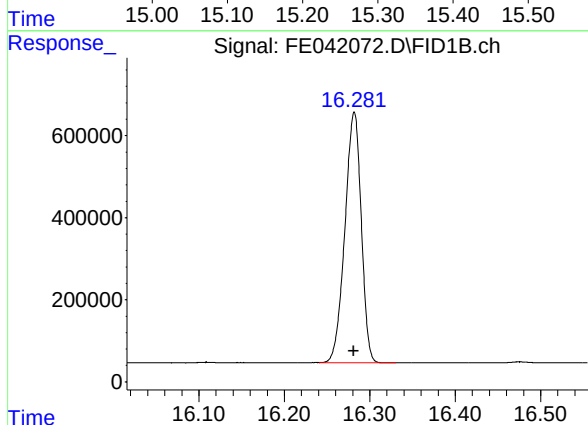
R.T.: 14.155 min
Delta R.T.: -0.002 min
Response: 8548676
Conc: 58.31 ug/ml

Instrument :
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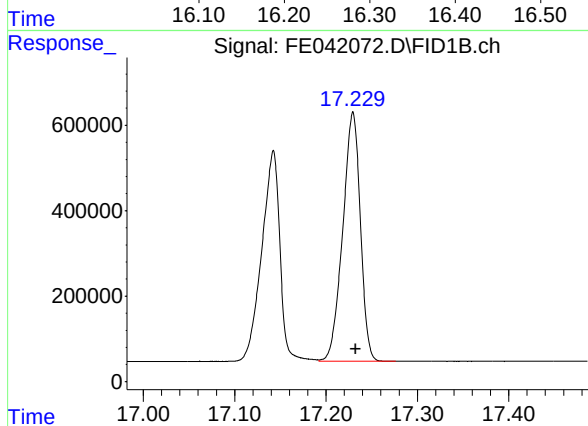
#14 n-Tetracosane (C24)

R.T.: 15.250 min
Delta R.T.: -0.010 min
Response: 16476489
Conc: 114.14 ug/ml



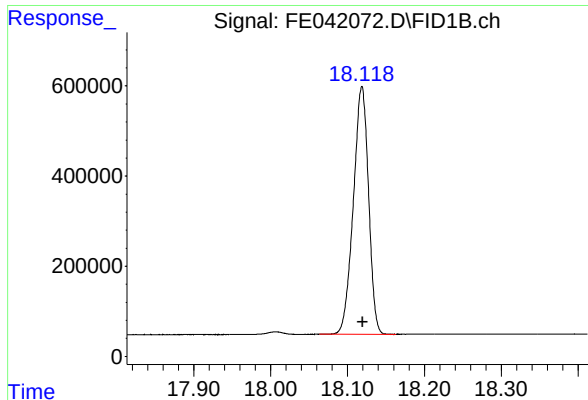
#15 n-Hexacosane (C26)

R.T.: 16.282 min
Delta R.T.: 0.000 min
Response: 8108202
Conc: 58.54 ug/ml



#16 n-Octacosane (C28)

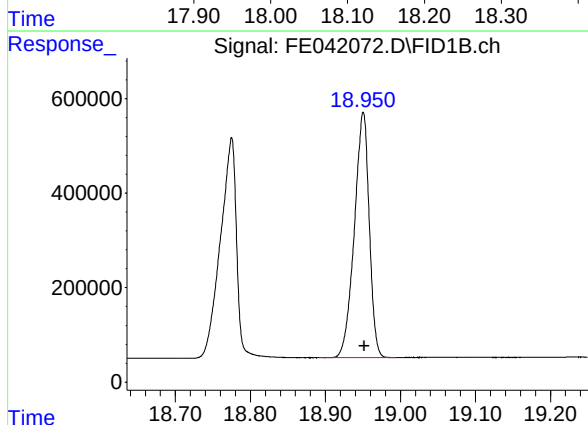
R.T.: 17.230 min
Delta R.T.: -0.003 min
Response: 7820281
Conc: 58.41 ug/ml



#17 n-Tricontane (C30)

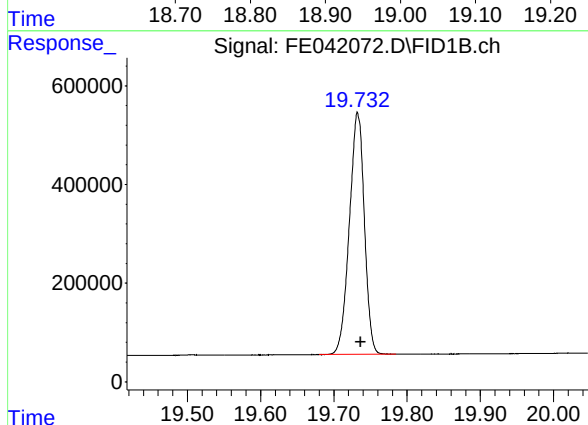
R.T.: 18.119 min
Delta R.T.: -0.001 min
Response: 7557686
Conc: 55.99 ug/ml

Instrument :
FID_E
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PB152919BSD



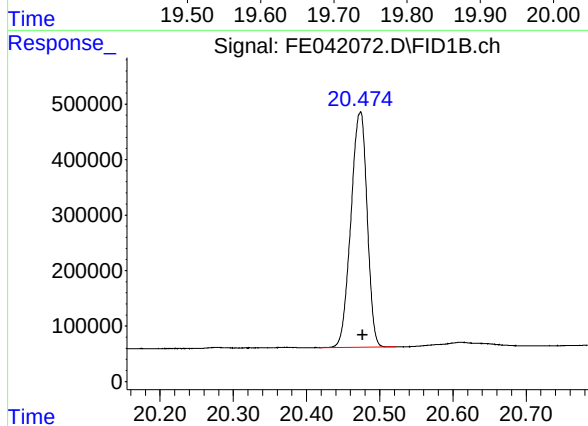
#18 n-Dotriacontane (C32)

R.T.: 18.951 min
Delta R.T.: -0.001 min
Response: 7161351
Conc: 53.61 ug/ml



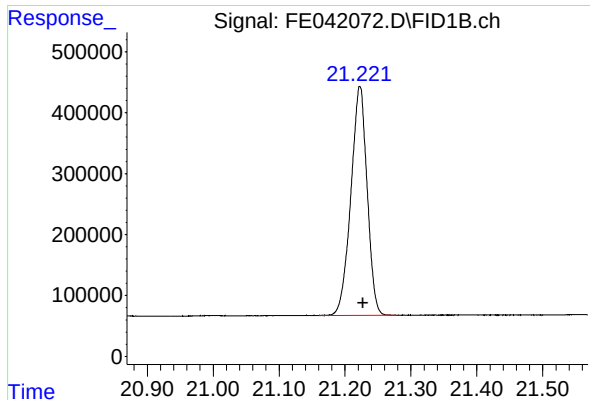
#19 n-Tetratriacontane (C34)

R.T.: 19.732 min
Delta R.T.: -0.004 min
Response: 6975885
Conc: 53.04 ug/ml



#20 n-Hexatriacontane (C36)

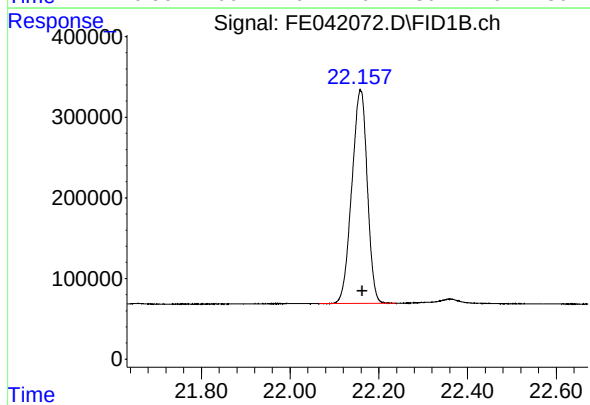
R.T.: 20.474 min
Delta R.T.: -0.003 min
Response: 6526959
Conc: 50.22 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.223 min
Delta R.T.: -0.005 min
Response: 6437993
Conc: 47.45 ug/ml

Instrument :
FID_E
ClientSampleId :
PB152919BSD



#22 n-Tetracontane (C40)

R.T.: 22.159 min
Delta R.T.: -0.004 min
Response: 6409893
Conc: 46.07 ug/ml