

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE021225AL\
 Data File : FE052359.D
 Signal(s) : FID1B.ch
 Acq On : 12 Feb 2025 06:38
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Feb 12 10:04:03 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 020325.M
 Quant Title : GC Extractables
 QLast Update : Fri Feb 07 07:52:07 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)	12.324	2382977	19.253 ug/ml
Spiked Amount 50.000		Recovery =	38.51%
12) S 1-chlorooctadecane (S...	13.735	1847579	18.721 ug/ml
Spiked Amount 50.000		Recovery =	37.44%
Target Compounds			
1) T n-Nonane (C9)	3.792	1803686	19.311 ug/ml
2) T n-Decane (C10)	5.018	1930000	20.097 ug/ml
3) T A~Naphthalene (C11.7)	6.722	2189562	20.488 ug/ml
4) T n-Dodecane (C12)	7.148	2016270	20.342 ug/ml
5) T A~2-methylnaphthalene...	7.803	2156093	20.587 ug/ml
6) T n-Tetradecane (C14)	8.956	2053541	20.350 ug/ml
7) T n-Hexadecane (C16)	10.551	2160444	19.909 ug/ml
8) T n-Octadecane (C18)	11.985	2211638	19.468 ug/ml
10) T n-Eicosane (C20)	13.287	2142029	18.981 ug/ml
11) T n-Heneicosane (C21)	13.897	2109113	18.729 ug/ml
13) T n-Docosane (C22)	14.479	2109242	18.635 ug/ml
14) T n-Tetracosane (C24)	15.577	2089732	18.175 ug/ml
15) T n-Hexacosane (C26)	16.594	2044481	17.827 ug/ml
16) T n-Octacosane (C28)	17.539	2022273	17.873 ug/ml
17) T n-Tricontane (C30)	18.423	2091439	18.354 ug/ml
18) T n-Dotriacontane (C32)	19.252	2025890	18.582 ug/ml
19) T n-Tetratriacontane (C34)	20.033	1774752	18.707 ug/ml
20) T n-Hexatriacontane (C36)	20.772	1513216	18.314 ug/ml
21) T n-Octatriacontane (C38)	21.588	1511331	20.343 ug/ml
22) T n-Tetracontane (C40)	22.634	1513780	20.304 ug/ml

(f)=RT Delta > 1/2 Window

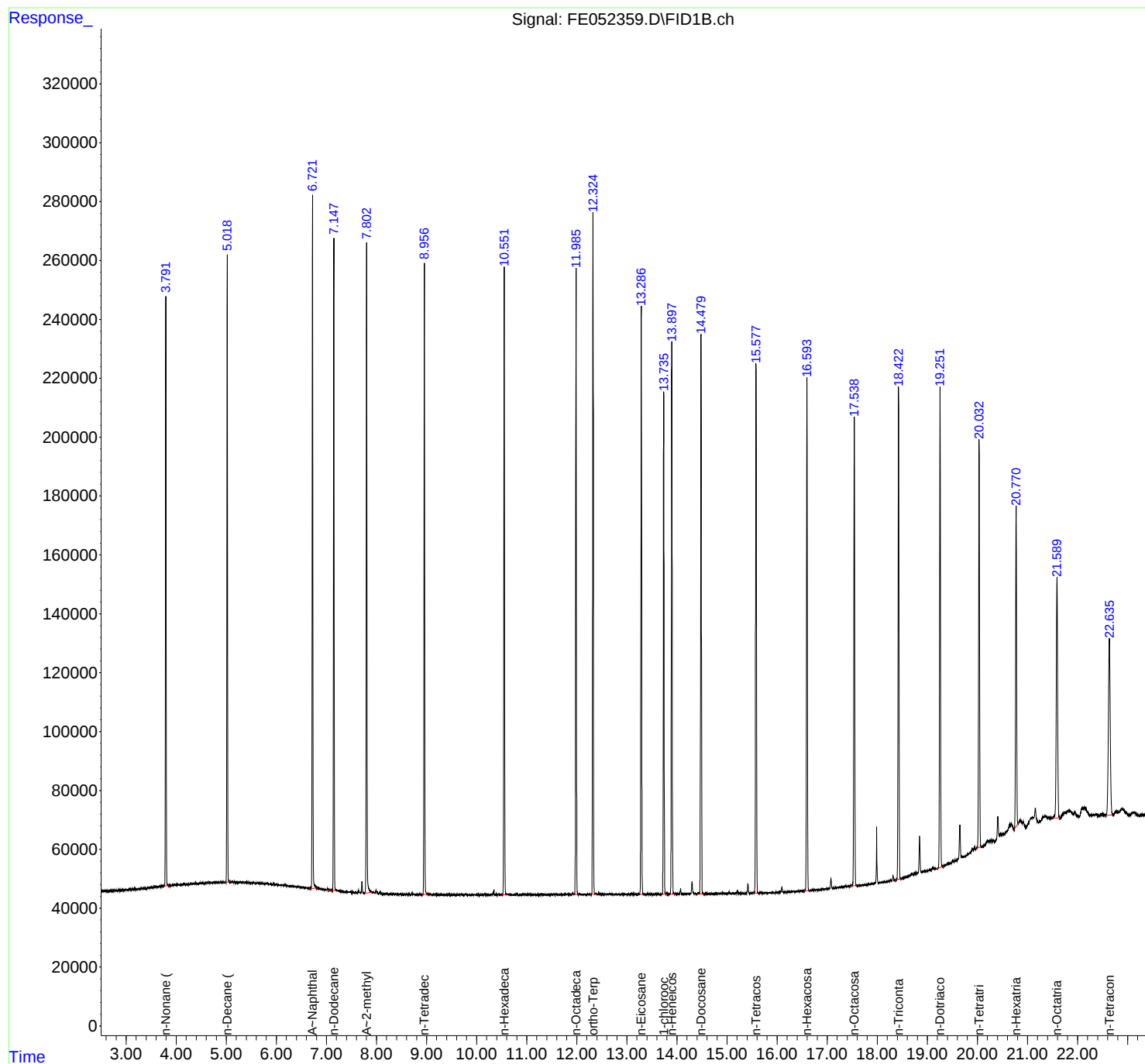
(m)=manual int.

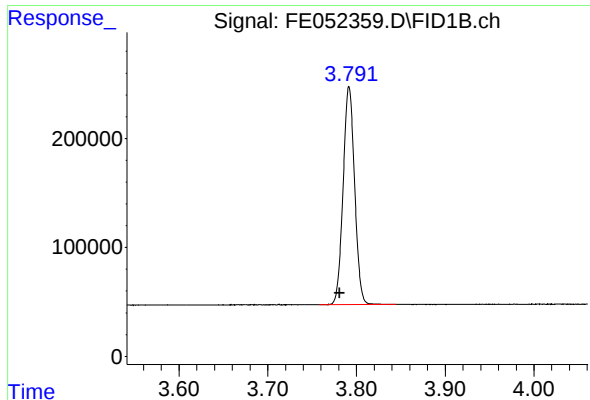
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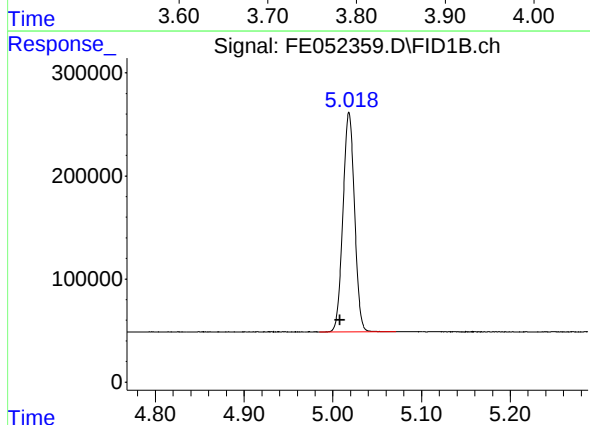




#1 n-Nonane (C9)

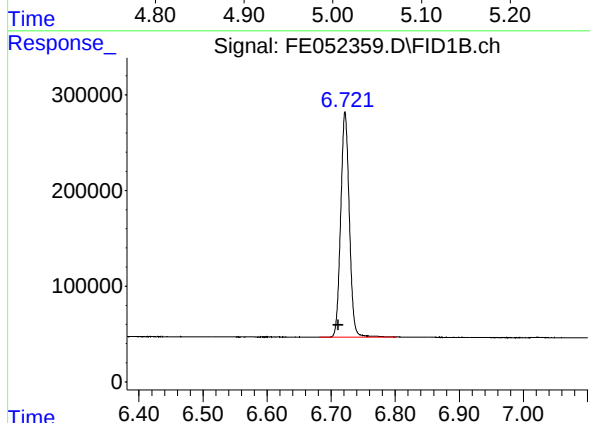
R.T.: 3.792 min
Delta R.T.: 0.011 min
Response: 1803686
Conc: 19.31 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



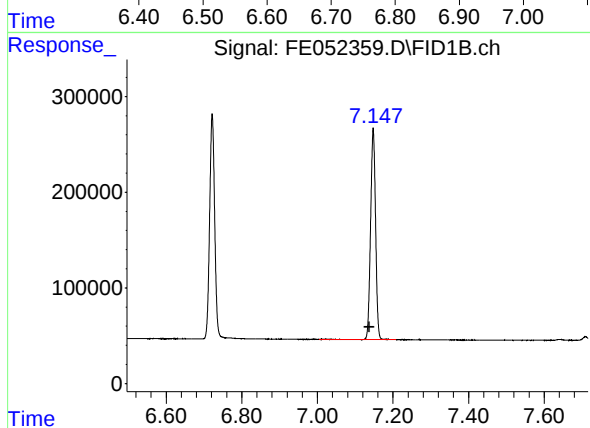
#2 n-Decane (C10)

R.T.: 5.018 min
Delta R.T.: 0.010 min
Response: 1930000
Conc: 20.10 ug/ml



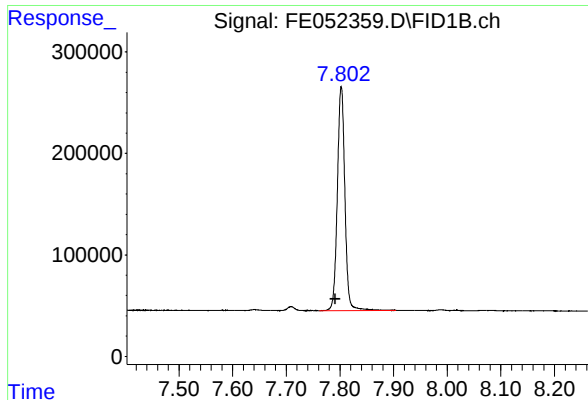
#3 A~Naphthalene (C11.7)

R.T.: 6.722 min
Delta R.T.: 0.011 min
Response: 2189562
Conc: 20.49 ug/ml



#4 n-Dodecane (C12)

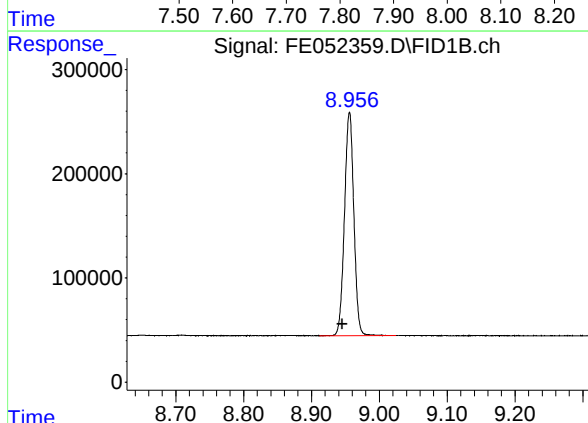
R.T.: 7.148 min
Delta R.T.: 0.010 min
Response: 2016270
Conc: 20.34 ug/ml



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

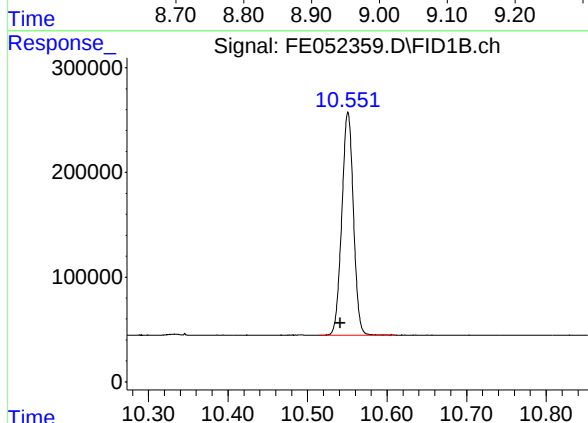
R.T.: 7.803 min
Delta R.T.: 0.011 min
Response: 2156093
Conc: 20.59 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



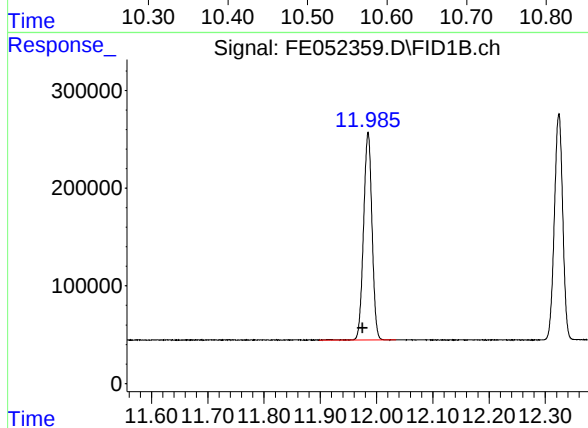
#6 n-Tetradecane (C14)

R.T.: 8.956 min
Delta R.T.: 0.010 min
Response: 2053541
Conc: 20.35 ug/ml



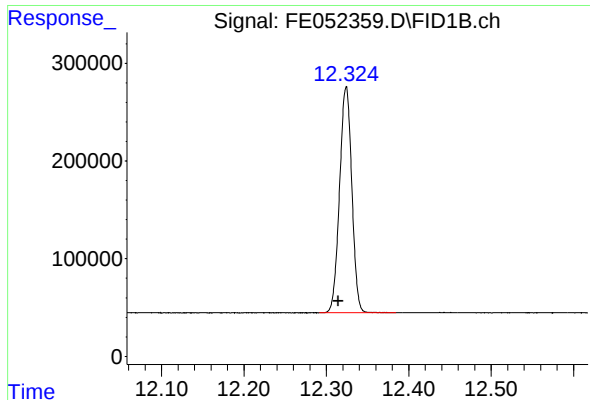
#7 n-Hexadecane (C16)

R.T.: 10.551 min
Delta R.T.: 0.010 min
Response: 2160444
Conc: 19.91 ug/ml



#8 n-Octadecane (C18)

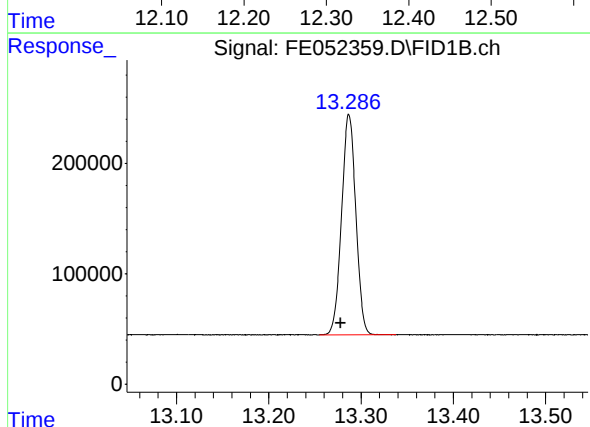
R.T.: 11.985 min
Delta R.T.: 0.009 min
Response: 2211638
Conc: 19.47 ug/ml



#9 ortho-Terphenyl (SURR)

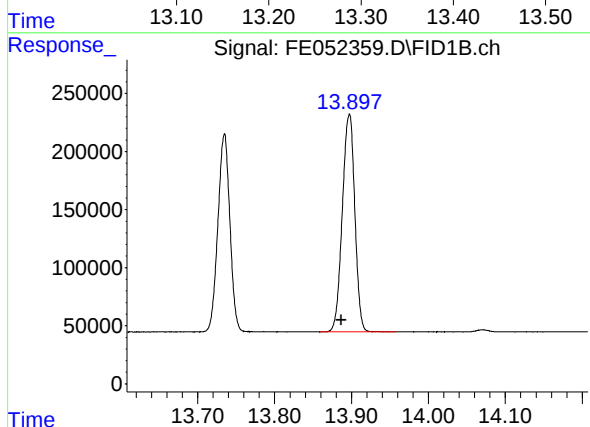
R.T.: 12.324 min
Delta R.T.: 0.010 min
Response: 2382977
Conc: 19.25 ug/ml

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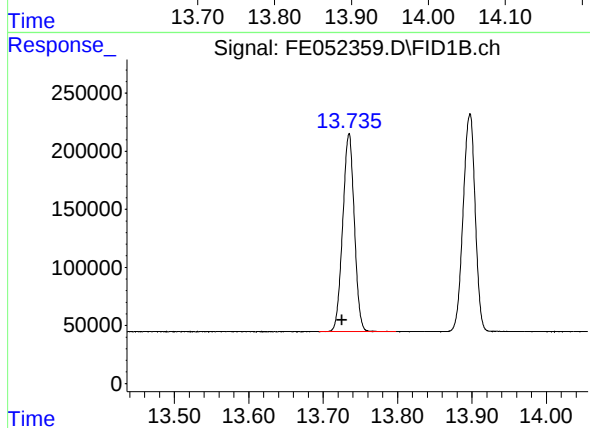
#10 n-Eicosane (C20)

R.T.: 13.287 min
Delta R.T.: 0.009 min
Response: 2142029
Conc: 18.98 ug/ml



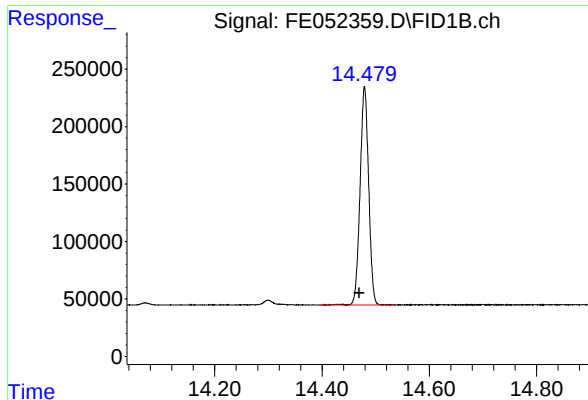
#11 n-Heneicosane (C21)

R.T.: 13.897 min
Delta R.T.: 0.010 min
Response: 2109113
Conc: 18.73 ug/ml



#12 1-chlorooctadecane (SURR)

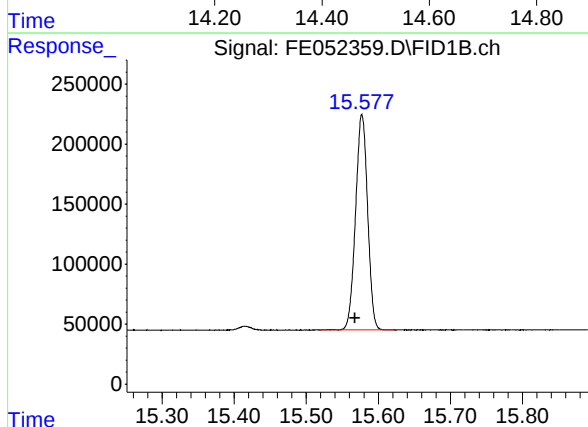
R.T.: 13.735 min
Delta R.T.: 0.009 min
Response: 1847579
Conc: 18.72 ug/ml



#13 n-Docosane (C22)

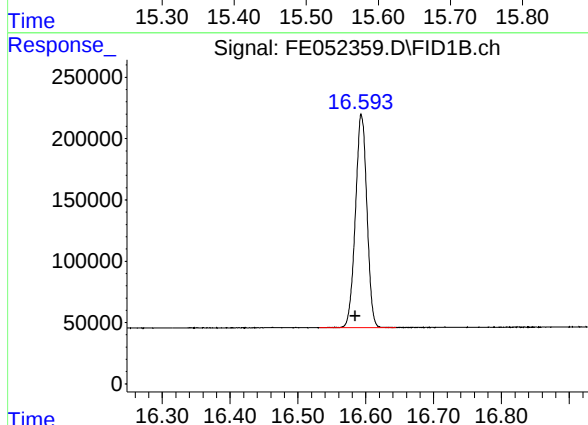
R.T.: 14.479 min
Delta R.T.: 0.010 min
Response: 2109242
Conc: 18.63 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



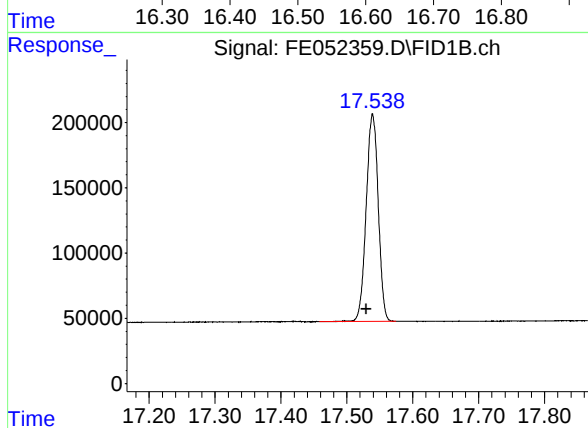
#14 n-Tetracosane (C24)

R.T.: 15.577 min
Delta R.T.: 0.010 min
Response: 2089732
Conc: 18.18 ug/ml



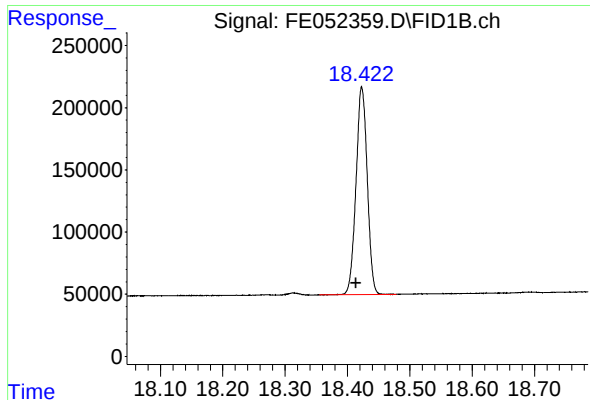
#15 n-Hexacosane (C26)

R.T.: 16.594 min
Delta R.T.: 0.009 min
Response: 2044481
Conc: 17.83 ug/ml



#16 n-Octacosane (C28)

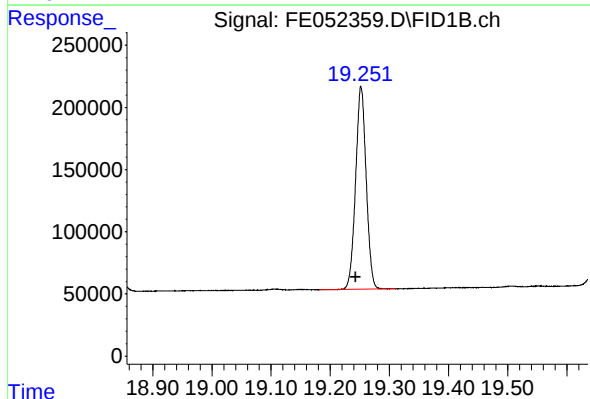
R.T.: 17.539 min
Delta R.T.: 0.009 min
Response: 2022273
Conc: 17.87 ug/ml



#17 n-Tricontane (C30)

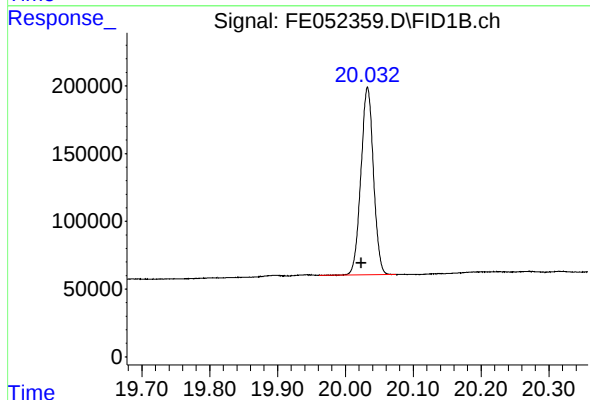
R.T.: 18.423 min
Delta R.T.: 0.009 min
Response: 2091439
Conc: 18.35 ug/ml

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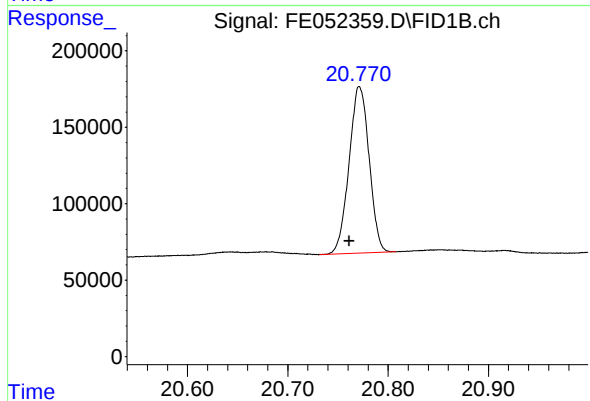
#18 n-Dotriacontane (C32)

R.T.: 19.252 min
Delta R.T.: 0.010 min
Response: 2025890
Conc: 18.58 ug/ml



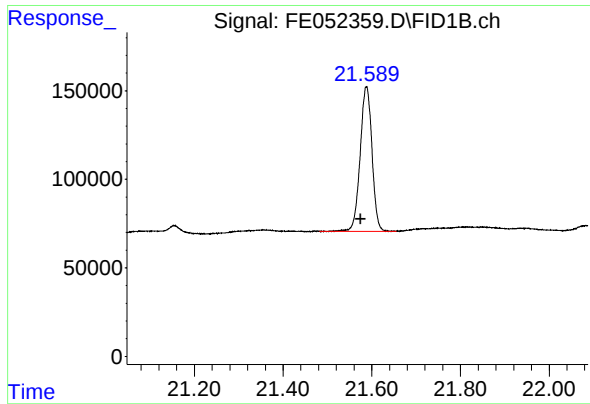
#19 n-Tetatriacontane (C34)

R.T.: 20.033 min
Delta R.T.: 0.009 min
Response: 1774752
Conc: 18.71 ug/ml



#20 n-Hexatriacontane (C36)

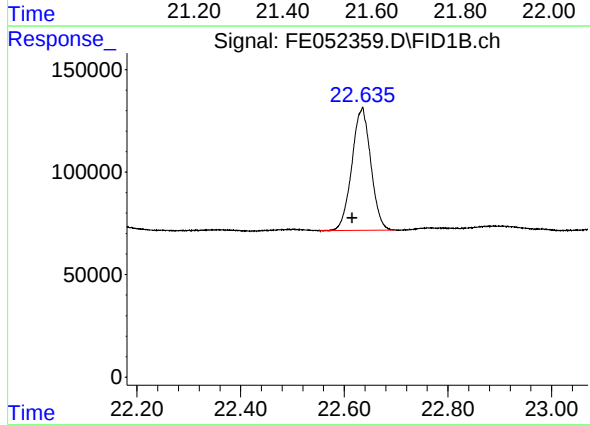
R.T.: 20.772 min
Delta R.T.: 0.011 min
Response: 1513216
Conc: 18.31 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.588 min
Delta R.T.: 0.013 min
Response: 1511331
Conc: 20.34 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.634 min
Delta R.T.: 0.018 min
Response: 1513780
Conc: 20.30 ug/ml