

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE081523AL\
 Data File : FE043951.D
 Signal(s) : FID1B.ch
 Acq On : 15 Aug 2023 10:26
 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: Aug 16 01:15:07 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 080323.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 02 09:56:52 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)	11.950	3771057	18.300 ug/ml
Spiked Amount 50.000		Recovery =	36.60%
12) S 1-chlorooctadecane (S...	13.387	2826507	18.113 ug/ml
Spiked Amount 50.000		Recovery =	36.23%
Target Compounds			
1) T n-Nonane (C9)	3.340	3158445	19.559 ug/ml
2) T n-Decane (C10)	4.590	3238052	19.647 ug/ml
3) T A~Naphthalene (C11.7)	6.291	3559377	19.549 ug/ml
4) T n-Dodecane (C12)	6.753	3287815	19.645 ug/ml
5) T A~2-methylnaphthalene...	7.385	3450395	19.381 ug/ml
6) T n-Tetradecane (C14)	8.579	3294798	19.556 ug/ml
7) T n-Hexadecane (C16)	10.187	3399489	19.271 ug/ml
8) T n-Octadecane (C18)	11.631	3420940	18.885 ug/ml
10) T n-Eicosane (C20)	12.942	3272526	18.492 ug/ml
11) T n-Heneicosane (C21)	13.554	3202755	18.088 ug/ml
13) T n-Docosane (C22)	14.141	3159339	18.012 ug/ml
14) T n-Tetracosane (C24)	15.245	3085967	17.564 ug/ml
15) T n-Hexacosane (C26)	16.266	2966932	17.166 ug/ml
16) T n-Octacosane (C28)	17.217	2811132	16.801 ug/ml
17) T n-Tricontane (C30)	18.105	2803024	16.924 ug/ml
18) T n-Dotriacontane (C32)	18.939	2719220	17.222 ug/ml
19) T n-Tetratriacontane (C34)	19.725	2650817	17.839 ug/ml
20) T n-Hexatriacontane (C36)	20.464	2588239	18.517 ug/ml
21) T n-Octatriacontane (C38)	21.212	2638447	19.778 ug/ml
22) T n-Tetracontane (C40)	22.140	2737450	21.216 ug/ml

(f)=RT Delta > 1/2 Window

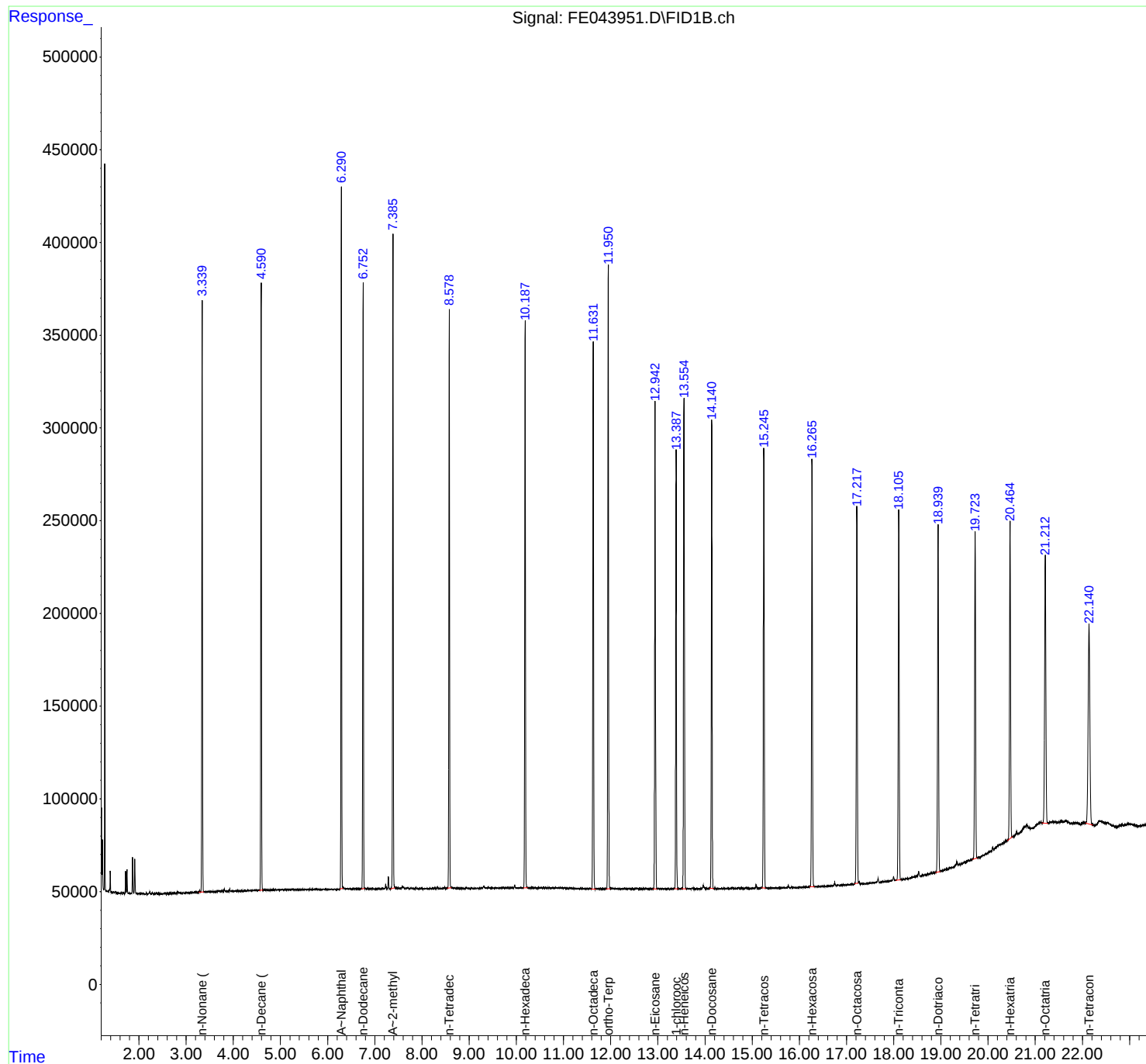
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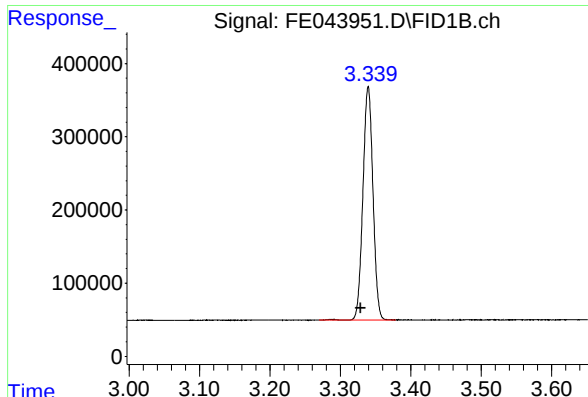
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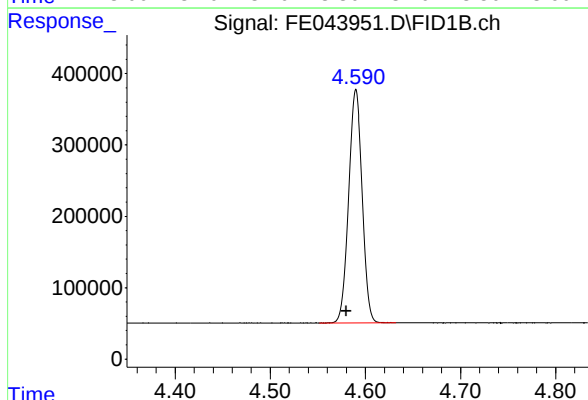




#1 n-Nonane (C9)

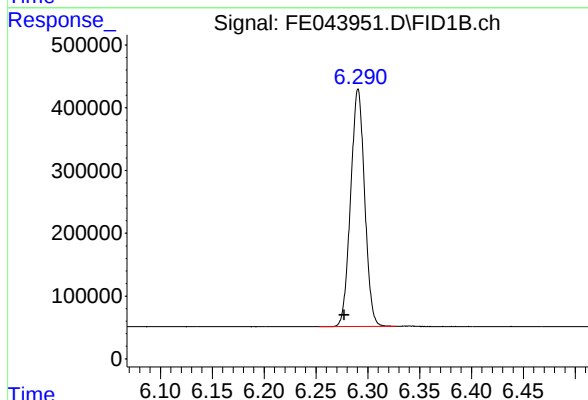
R.T.: 3.340 min
Delta R.T.: 0.011 min
Response: 3158445
Conc: 19.56 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



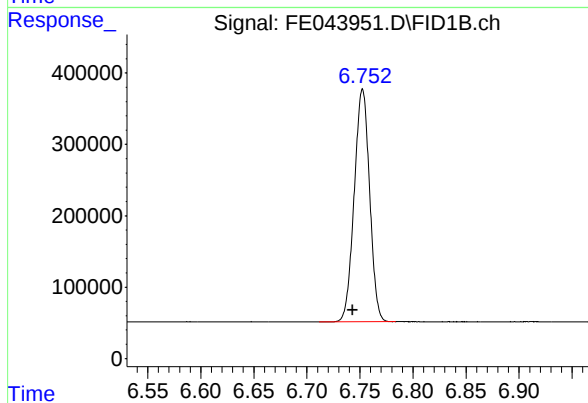
#2 n-Decane (C10)

R.T.: 4.590 min
Delta R.T.: 0.010 min
Response: 3238052
Conc: 19.65 ug/ml



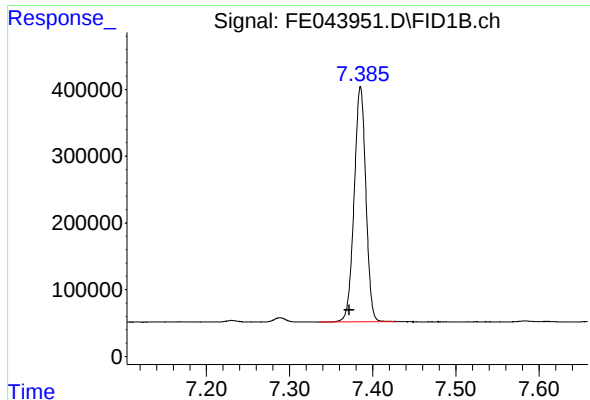
#3 A~Naphthalene (C11.7)

R.T.: 6.291 min
Delta R.T.: 0.013 min
Response: 3559377
Conc: 19.55 ug/ml



#4 n-Dodecane (C12)

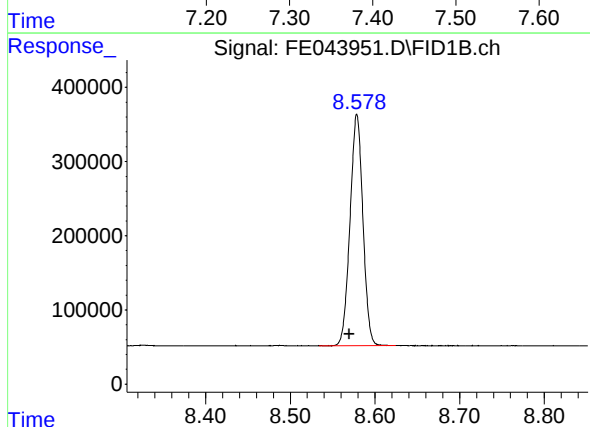
R.T.: 6.753 min
Delta R.T.: 0.009 min
Response: 3287815
Conc: 19.64 ug/ml



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

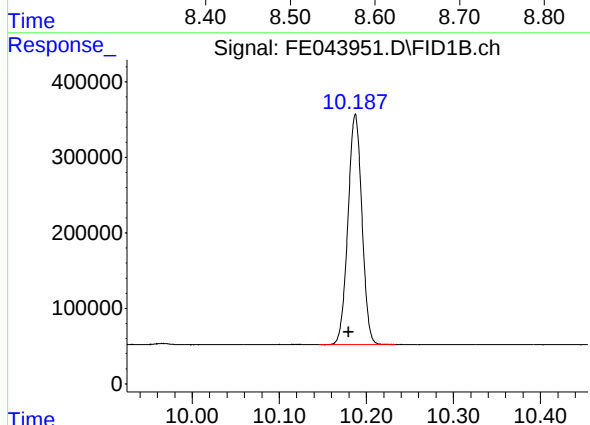
R.T.: 7.385 min
Delta R.T.: 0.013 min
Response: 3450395
Conc: 19.38 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



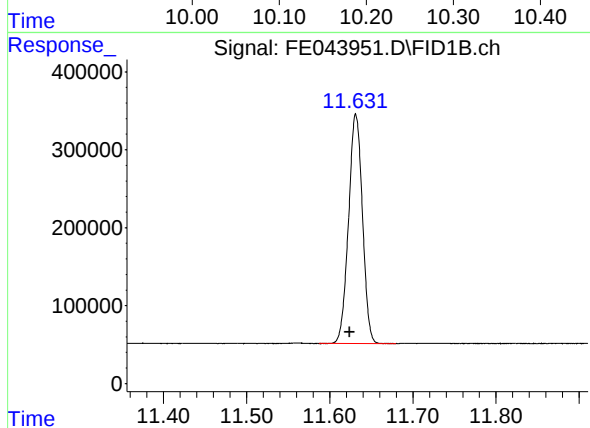
#6 n-Tetradecane (C14)

R.T.: 8.579 min
Delta R.T.: 0.009 min
Response: 3294798
Conc: 19.56 ug/ml



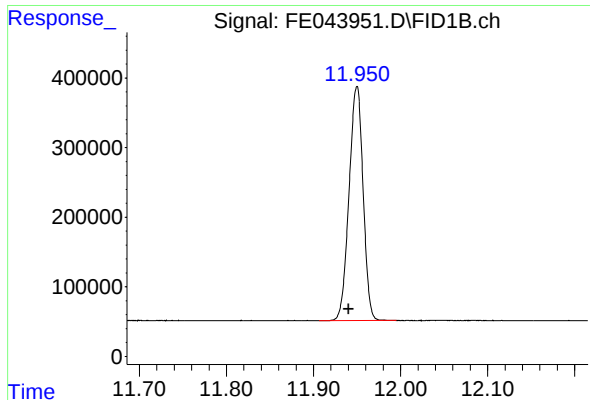
#7 n-Hexadecane (C16)

R.T.: 10.187 min
Delta R.T.: 0.008 min
Response: 3399489
Conc: 19.27 ug/ml



#8 n-Octadecane (C18)

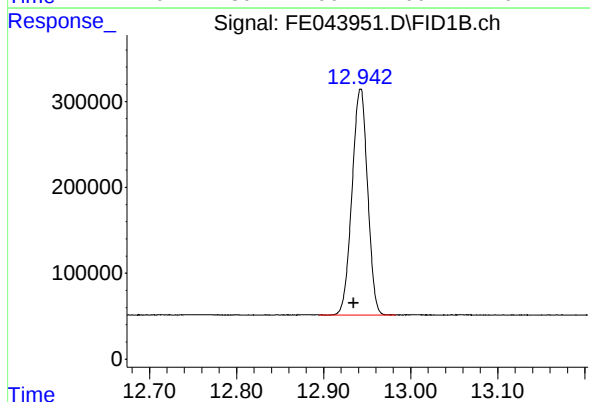
R.T.: 11.631 min
Delta R.T.: 0.007 min
Response: 3420940
Conc: 18.88 ug/ml



#9 ortho-Terphenyl (SURR)

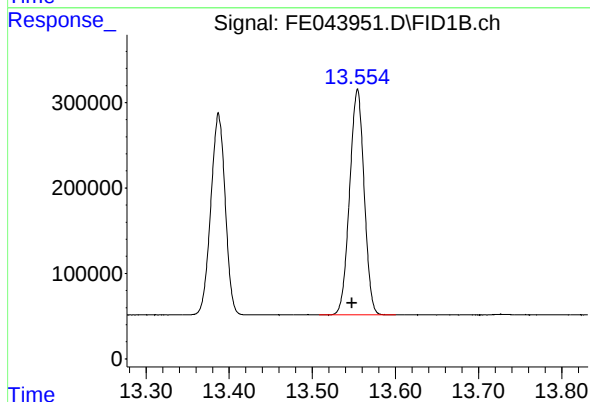
R.T.: 11.950 min
Delta R.T.: 0.010 min
Response: 3771057
Conc: 18.30 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



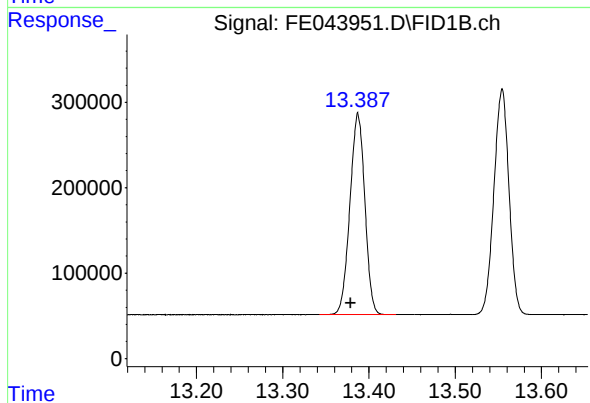
#10 n-Eicosane (C20)

R.T.: 12.942 min
Delta R.T.: 0.008 min
Response: 3272526
Conc: 18.49 ug/ml



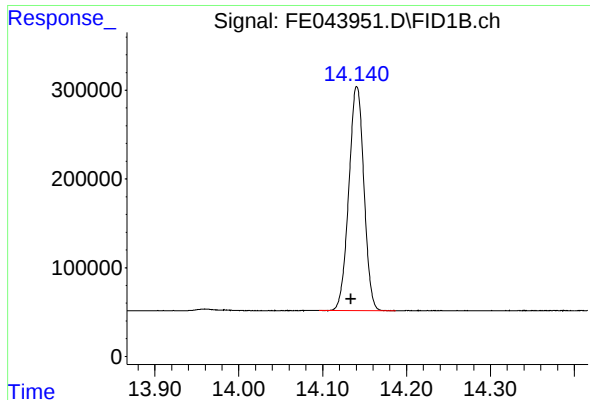
#11 n-Heneicosane (C21)

R.T.: 13.554 min
Delta R.T.: 0.007 min
Response: 3202755
Conc: 18.09 ug/ml



#12 1-chlorooctadecane (SURR)

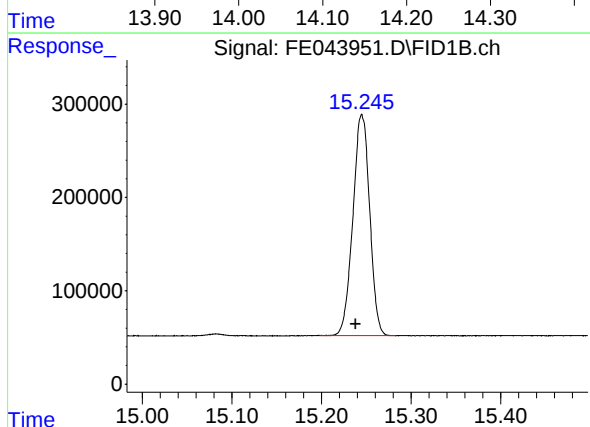
R.T.: 13.387 min
Delta R.T.: 0.008 min
Response: 2826507
Conc: 18.11 ug/ml



#13 n-Docosane (C22)

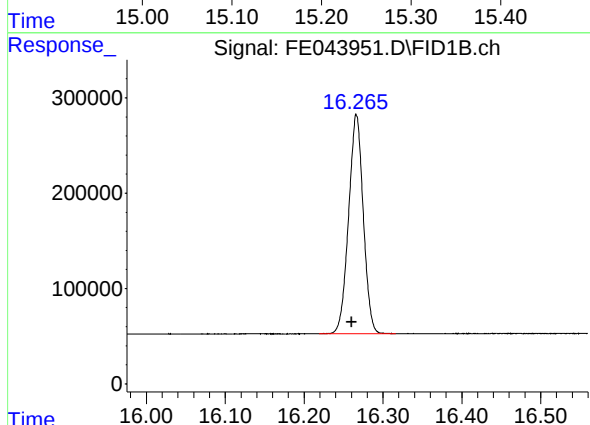
R.T.: 14.141 min
Delta R.T.: 0.007 min
Response: 3159339
Conc: 18.01 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



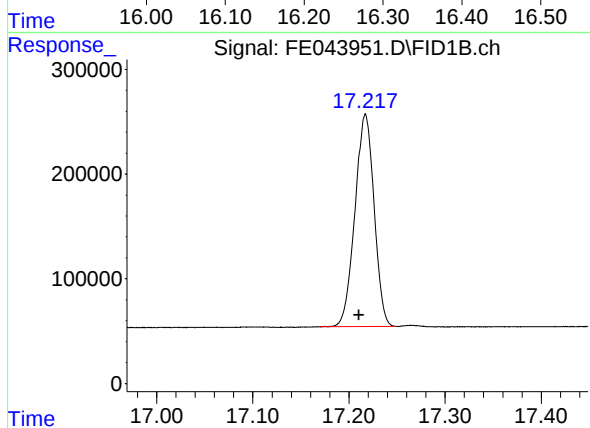
#14 n-Tetracosane (C24)

R.T.: 15.245 min
Delta R.T.: 0.007 min
Response: 3085967
Conc: 17.56 ug/ml



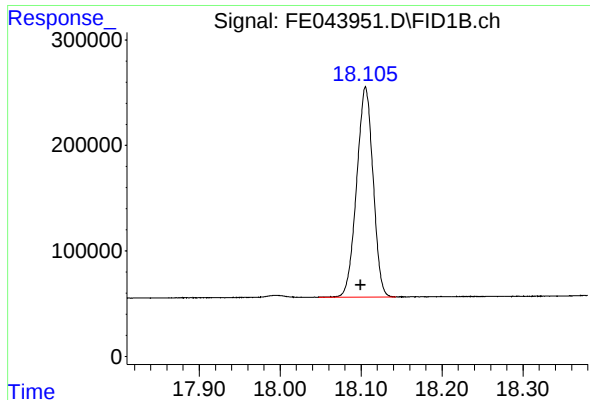
#15 n-Hexacosane (C26)

R.T.: 16.266 min
Delta R.T.: 0.006 min
Response: 2966932
Conc: 17.17 ug/ml



#16 n-Octacosane (C28)

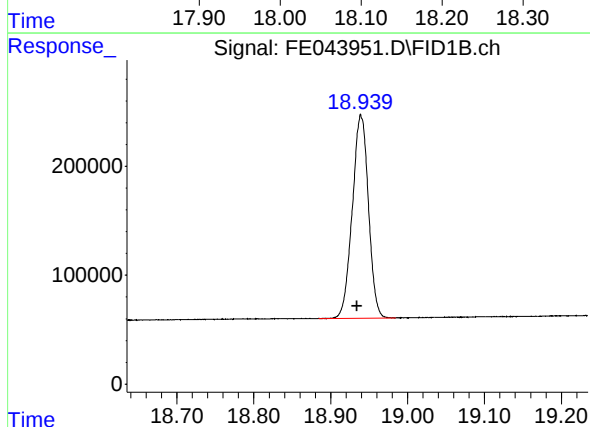
R.T.: 17.217 min
Delta R.T.: 0.007 min
Response: 2811132
Conc: 16.80 ug/ml



#17 n-Tricontane (C30)

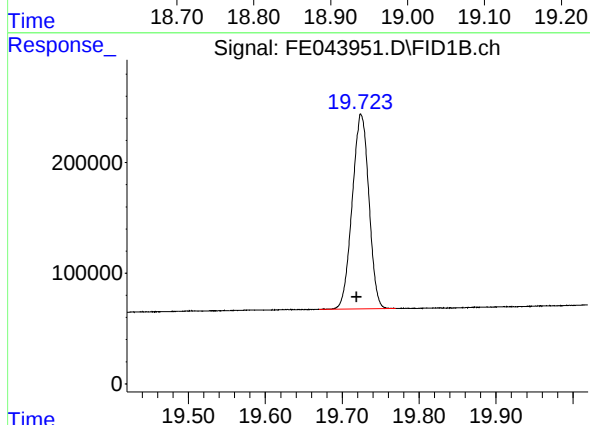
R.T.: 18.105 min
Delta R.T.: 0.006 min
Response: 2803024
Conc: 16.92 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



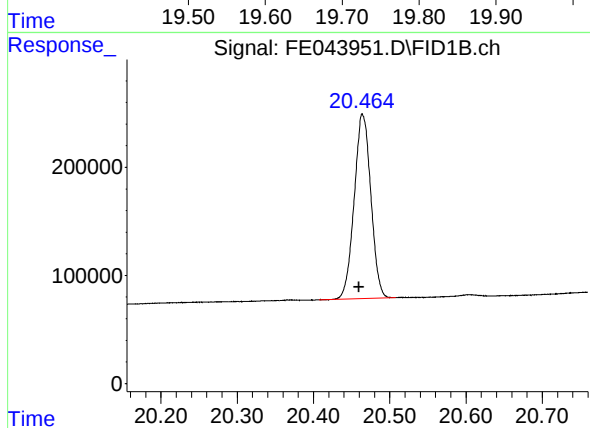
#18 n-Dotriacontane (C32)

R.T.: 18.939 min
Delta R.T.: 0.005 min
Response: 2719220
Conc: 17.22 ug/ml



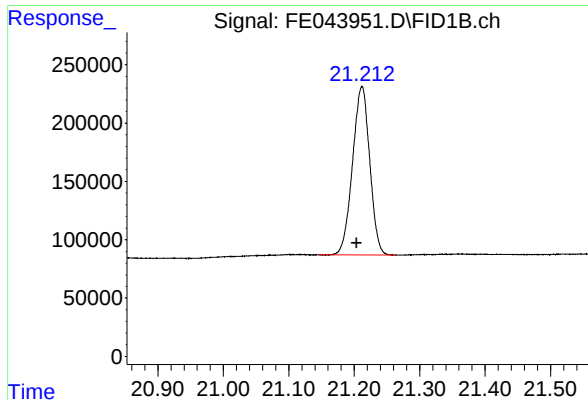
#19 n-Tetatriacontane (C34)

R.T.: 19.725 min
Delta R.T.: 0.006 min
Response: 2650817
Conc: 17.84 ug/ml



#20 n-Hexatriacontane (C36)

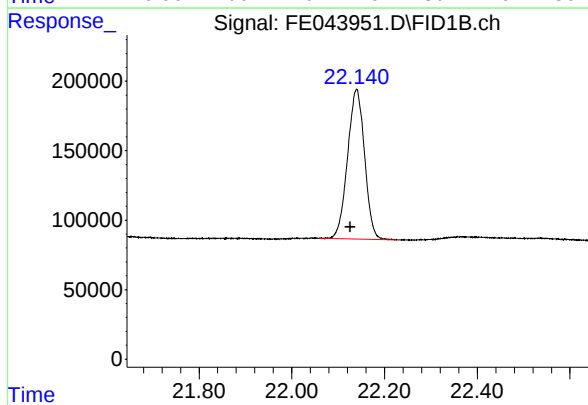
R.T.: 20.464 min
Delta R.T.: 0.005 min
Response: 2588239
Conc: 18.52 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.212 min
Delta R.T.: 0.008 min
Response: 2638447
Conc: 19.78 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.140 min
Delta R.T.: 0.013 min
Response: 2737450
Conc: 21.22 ug/ml