

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062623AL\
 Data File : FE042949.D
 Signal(s) : FID1B.ch
 Acq On : 27 Jun 2023 06:57
 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: Jun 27 07:22:07 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062123.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 21 11:03:59 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)	11.918	3518341	19.152 ug/ml
Spiked Amount 50.000		Recovery =	38.30%
12) S 1-chlorooctadecane (S...	13.354	2607216	19.158 ug/ml
Spiked Amount 50.000		Recovery =	38.32%
Target Compounds			
1) T n-Nonane (C9)	3.294	3064988	19.842 ug/ml
2) T n-Decane (C10)	4.546	3131371	19.824 ug/ml
3) T A~Naphthalene (C11.7)	6.257	3357777	19.831 ug/ml
4) T n-Dodecane (C12)	6.717	3163333	19.763 ug/ml
5) T A~2-methylnaphthalene...	7.355	3203403	19.757 ug/ml
6) T n-Tetradecane (C14)	8.547	3140132	19.731 ug/ml
7) T n-Hexadecane (C16)	10.155	3231510	19.621 ug/ml
8) T n-Octadecane (C18)	11.598	3230111	19.433 ug/ml
10) T n-Eicosane (C20)	12.908	3061080	19.291 ug/ml
11) T n-Heneicosane (C21)	13.521	2975854	19.235 ug/ml
13) T n-Docosane (C22)	14.107	2918271	19.158 ug/ml
14) T n-Tetracosane (C24)	15.211	2851299	19.217 ug/ml
15) T n-Hexacosane (C26)	16.231	2756052	19.278 ug/ml
16) T n-Octacosane (C28)	17.183	2714930	19.575 ug/ml
17) T n-Tricontane (C30)	18.071	2818381	19.928 ug/ml
18) T n-Dotriacontane (C32)	18.903	2822895	20.126 ug/ml
19) T n-Tetratriacontane (C34)	19.688	2776240	20.287 ug/ml
20) T n-Hexatriacontane (C36)	20.427	2729395	20.409 ug/ml
21) T n-Octatriacontane (C38)	21.170	2811229	20.619 ug/ml
22) T n-Tetracontane (C40)	22.092	2879866	20.699 ug/ml

(f)=RT Delta > 1/2 Window

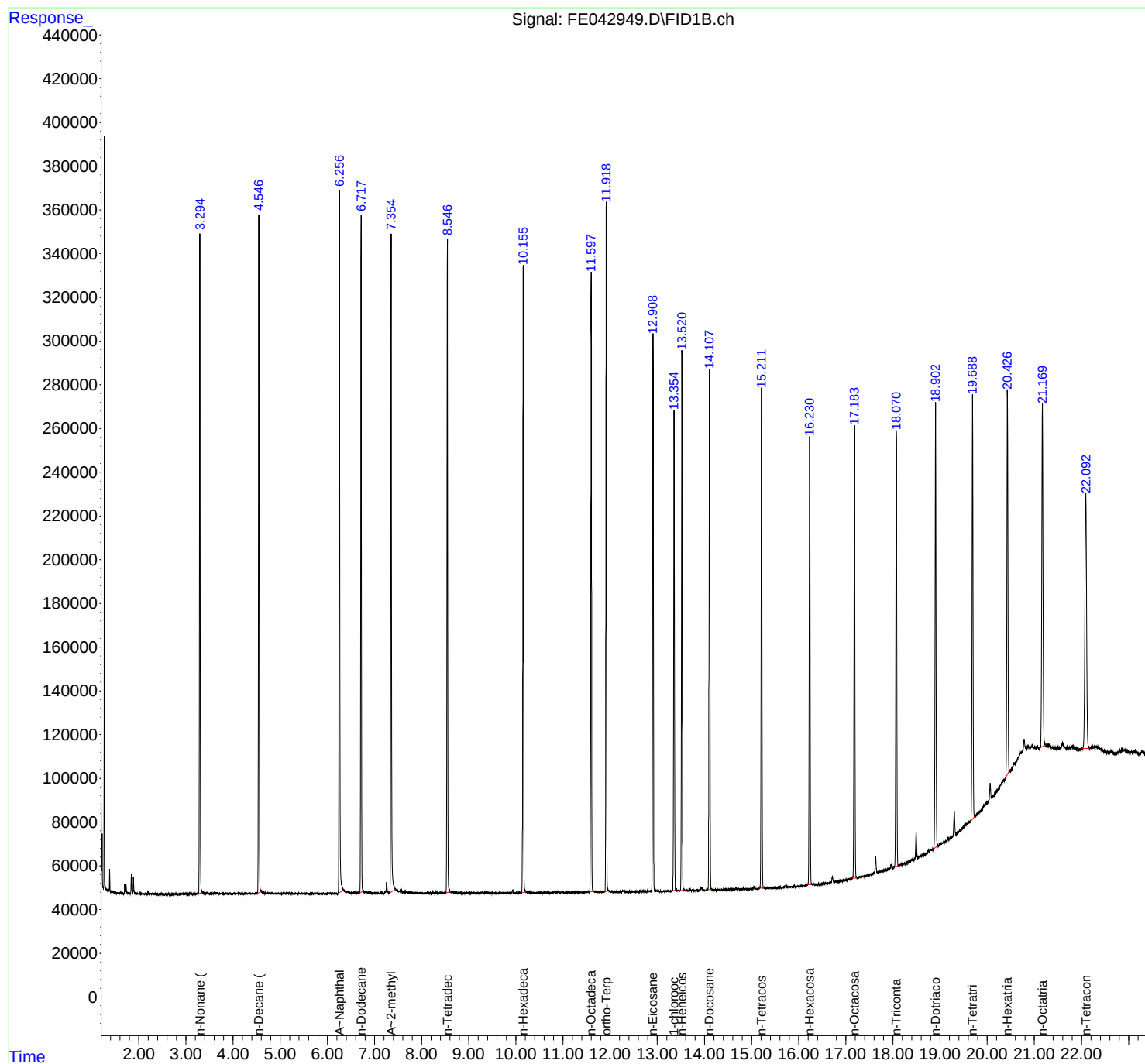
(m)=manual int.

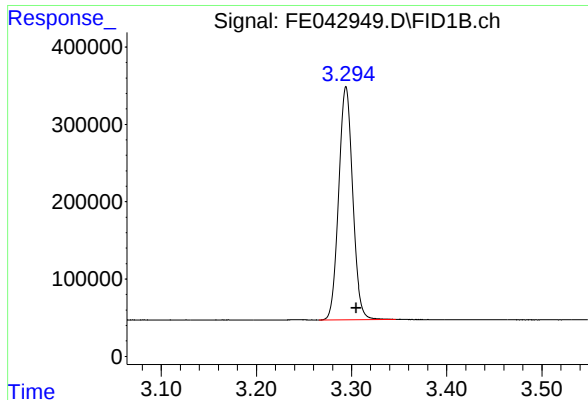
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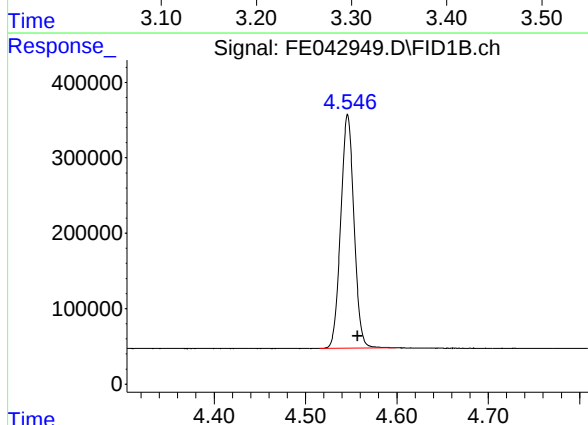




#1 n-Nonane (C9)

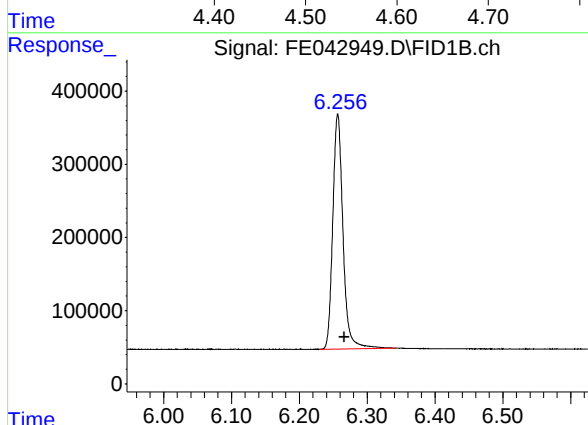
R.T.: 3.294 min
Delta R.T.: -0.011 min
Response: 3064988
Conc: 19.84 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



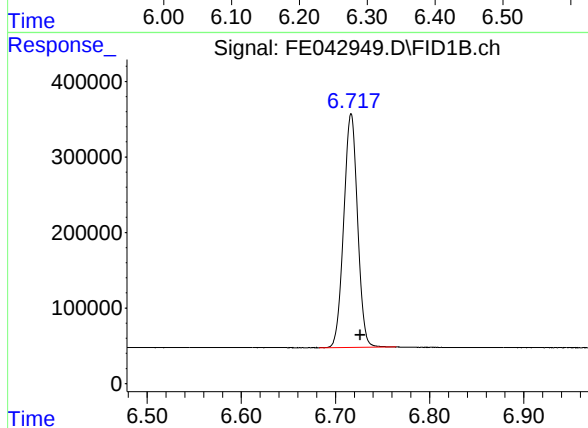
#2 n-Decane (C10)

R.T.: 4.546 min
Delta R.T.: -0.011 min
Response: 3131371
Conc: 19.82 ug/ml



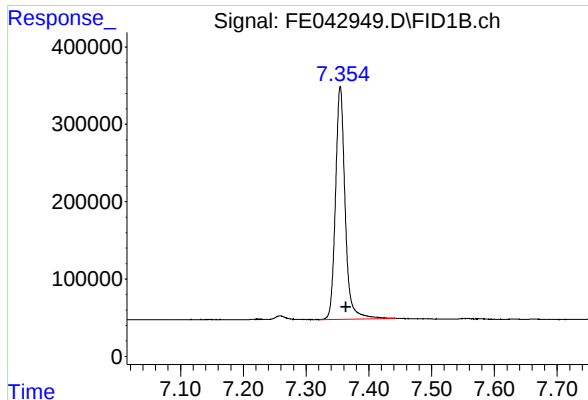
#3 A~Naphthalene (C11.7)

R.T.: 6.257 min
Delta R.T.: -0.010 min
Response: 3357777
Conc: 19.83 ug/ml



#4 n-Dodecane (C12)

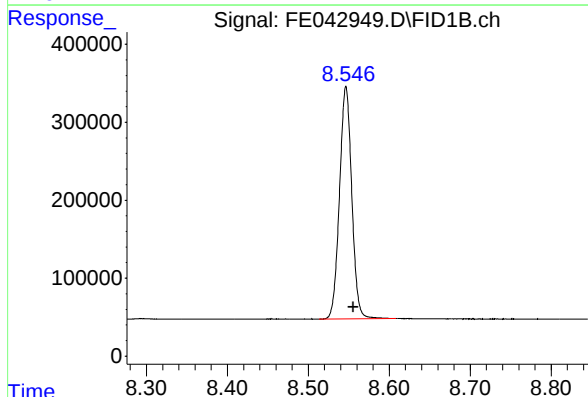
R.T.: 6.717 min
Delta R.T.: -0.010 min
Response: 3163333
Conc: 19.76 ug/ml



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

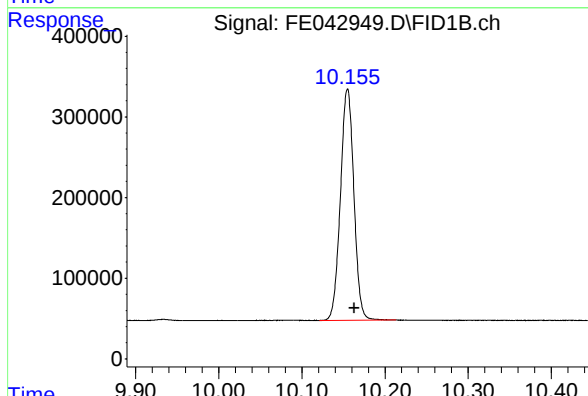
R.T.: 7.355 min
Delta R.T.: -0.009 min
Response: 3203403
Conc: 19.76 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



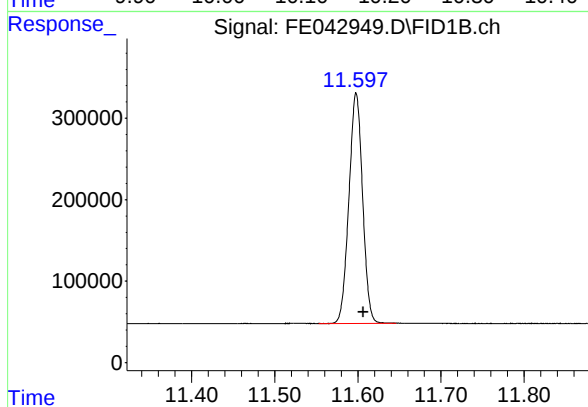
#6 n-Tetradecane (C14)

R.T.: 8.547 min
Delta R.T.: -0.009 min
Response: 3140132
Conc: 19.73 ug/ml



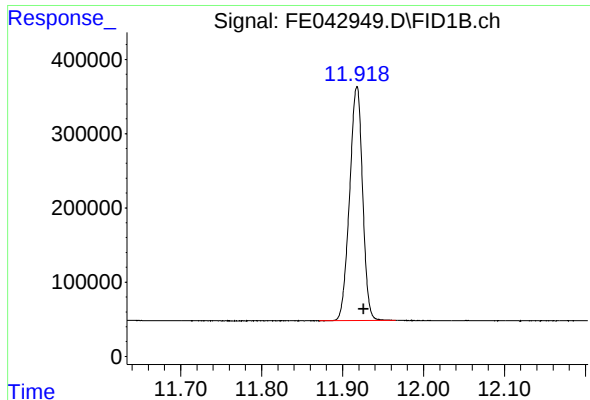
#7 n-Hexadecane (C16)

R.T.: 10.155 min
Delta R.T.: -0.008 min
Response: 3231510
Conc: 19.62 ug/ml



#8 n-Octadecane (C18)

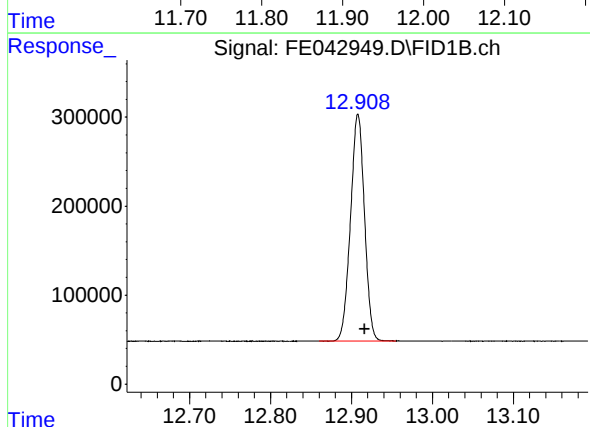
R.T.: 11.598 min
Delta R.T.: -0.009 min
Response: 3230111
Conc: 19.43 ug/ml



#9 ortho-Terphenyl (SURR)

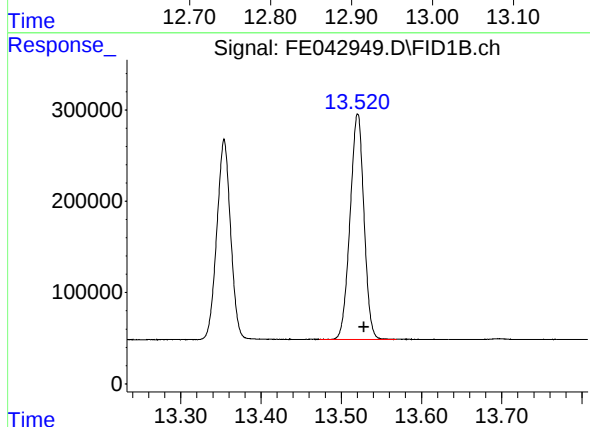
R.T.: 11.918 min
Delta R.T.: -0.008 min
Response: 3518341
Conc: 19.15 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



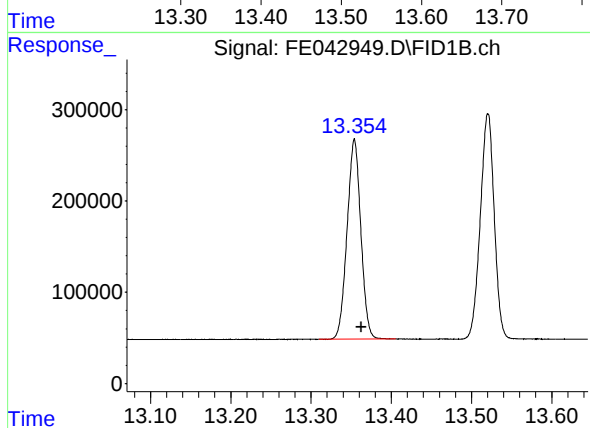
#10 n-Eicosane (C20)

R.T.: 12.908 min
Delta R.T.: -0.008 min
Response: 3061080
Conc: 19.29 ug/ml



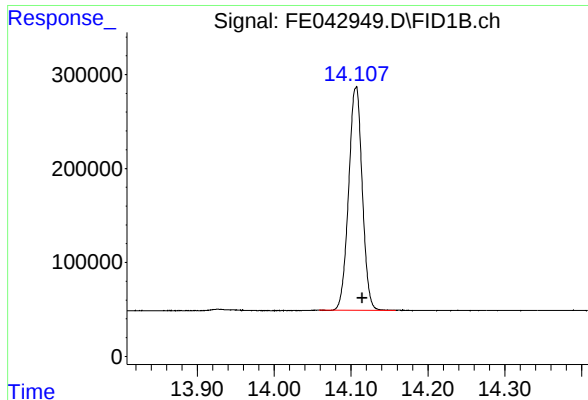
#11 n-Heneicosane (C21)

R.T.: 13.521 min
Delta R.T.: -0.008 min
Response: 2975854
Conc: 19.23 ug/ml



#12 1-chlorooctadecane (SURR)

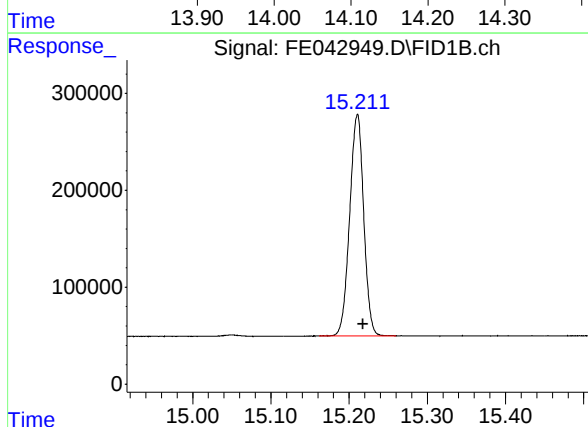
R.T.: 13.354 min
Delta R.T.: -0.009 min
Response: 2607216
Conc: 19.16 ug/ml



#13 n-Docosane (C22)

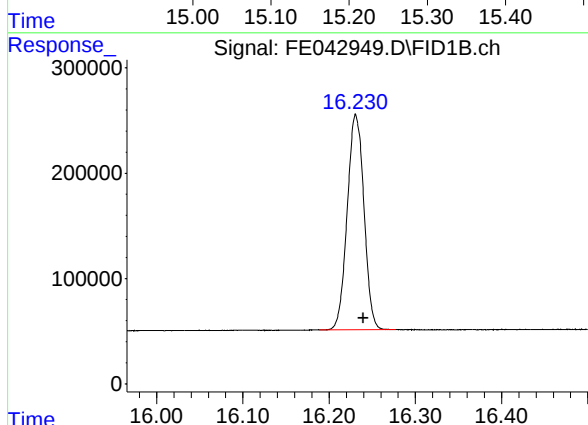
R.T.: 14.107 min
Delta R.T.: -0.008 min
Response: 2918271
Conc: 19.16 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



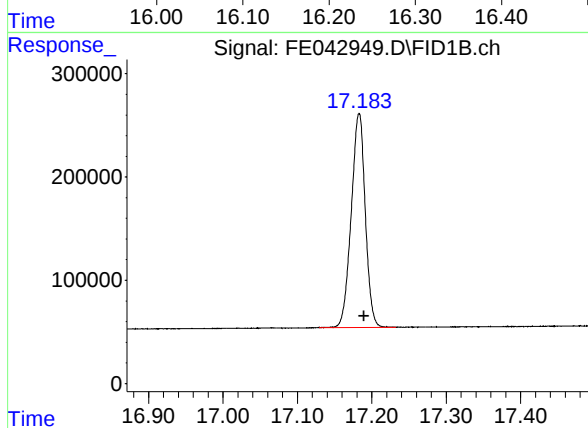
#14 n-Tetracosane (C24)

R.T.: 15.211 min
Delta R.T.: -0.007 min
Response: 2851299
Conc: 19.22 ug/ml



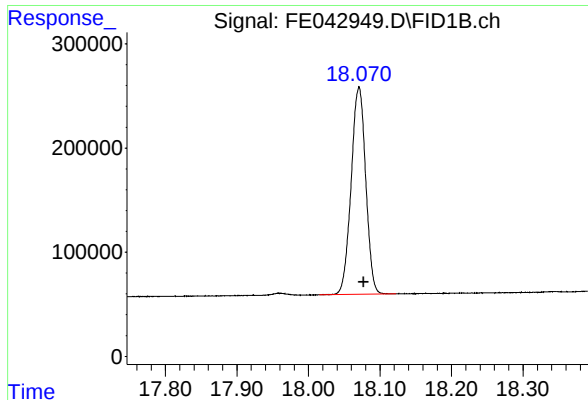
#15 n-Hexacosane (C26)

R.T.: 16.231 min
Delta R.T.: -0.009 min
Response: 2756052
Conc: 19.28 ug/ml



#16 n-Octacosane (C28)

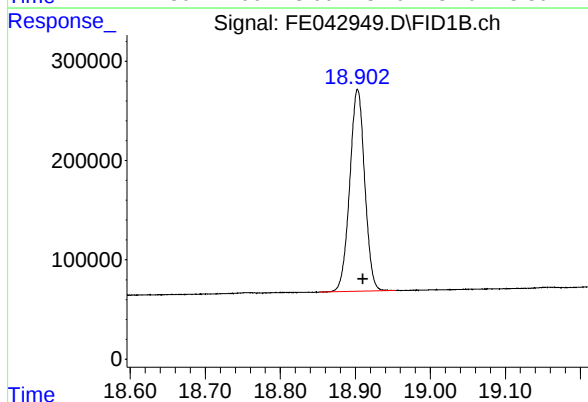
R.T.: 17.183 min
Delta R.T.: -0.006 min
Response: 2714930
Conc: 19.57 ug/ml



#17 n-Tricontane (C30)

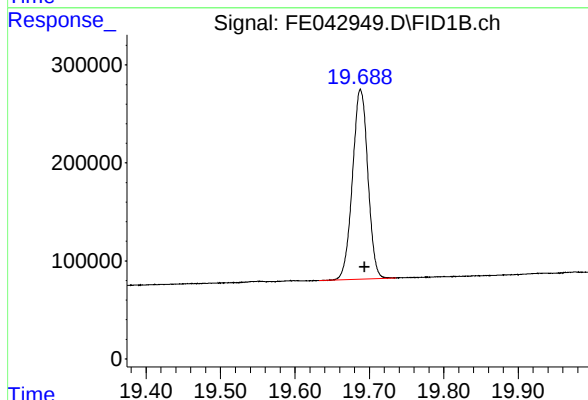
R.T.: 18.071 min
Delta R.T.: -0.006 min
Response: 2818381
Conc: 19.93 ug/ml

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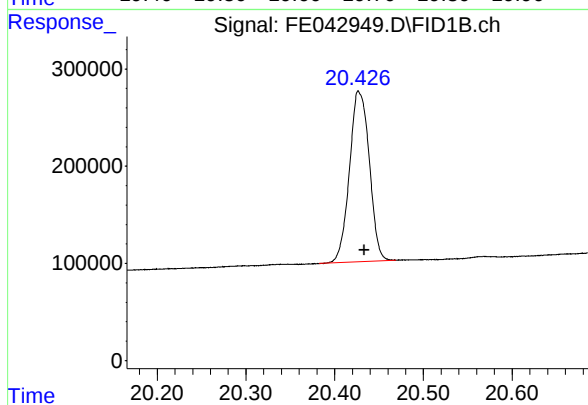
#18 n-Dotriacontane (C32)

R.T.: 18.903 min
Delta R.T.: -0.007 min
Response: 2822895
Conc: 20.13 ug/ml



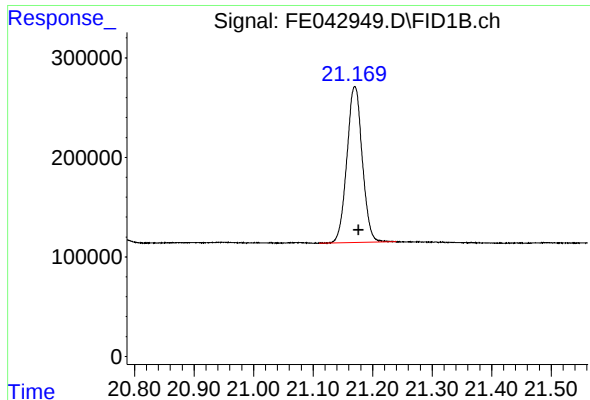
#19 n-Tetratriacontane (C34)

R.T.: 19.688 min
Delta R.T.: -0.005 min
Response: 2776240
Conc: 20.29 ug/ml



#20 n-Hexatriacontane (C36)

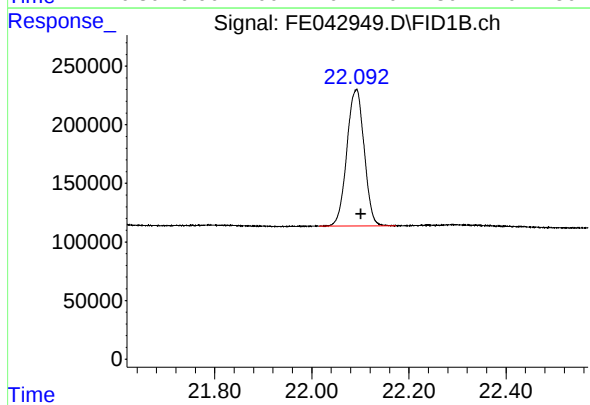
R.T.: 20.427 min
Delta R.T.: -0.006 min
Response: 2729395
Conc: 20.41 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.170 min
Delta R.T.: -0.006 min
Response: 2811229
Conc: 20.62 ug/ml

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FID_E
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.092 min
Delta R.T.: -0.009 min
Response: 2879866
Conc: 20.70 ug/ml