

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD090922AL\
 Data File : FD043849.D
 Signal(s) : FID2B.ch
 Acq On : 09 Sep 2022 19:30
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Sep 12 03:09:10 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 090722.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 07 17:10:44 2022
 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)	11.317	3150043	18.419 ug/ml
Spiked Amount 50.000		Recovery =	36.84%
12) S 1-chlorooctadecane (S...	12.734	2477711	18.621 ug/ml
Spiked Amount 50.000		Recovery =	37.24%
Target Compounds			
1) T n-Nonane (C9)	3.147	2635184	18.298 ug/ml
2) T n-Decane (C10)	4.198	2660515	18.348 ug/ml
3) T A~Naphthalene (C11.7)	5.772	2528619	17.873 ug/ml
4) T n-Dodecane (C12)	6.196	2749883	18.382 ug/ml
5) T A~2-methylnaphthalene...	6.819	2479566	17.967 ug/ml
6) T n-Tetradecane (C14)	7.976	2775549	18.390 ug/ml
7) T n-Hexadecane (C16)	9.564	2821662	18.448 ug/ml
8) T n-Octadecane (C18)	10.995	2904429	18.421 ug/ml
10) T n-Eicosane (C20)	12.293	2974205	18.587 ug/ml
11) T n-Heneicosane (C21)	12.900	2989039	18.528 ug/ml
13) T n-Docosane (C22)	13.480	3085995	19.192 ug/ml
14) T n-Tetracosane (C24)	14.572	3124433	19.715 ug/ml
15) T n-Hexacosane (C26)	15.583	3102975	19.923 ug/ml
16) T n-Octacosane (C28)	16.523	3050854	20.150 ug/ml
17) T n-Tricontane (C30)	17.401	3015687	20.240 ug/ml
18) T n-Dotriacontane (C32)	18.225	2867512	20.088 ug/ml
19) T n-Tetratriacontane (C34)	18.999	2552931	19.533 ug/ml
20) T n-Hexatriacontane (C36)	19.731	2374659	19.186 ug/ml
21) T n-Octatriacontane (C38)	20.422	2220126	19.004 ug/ml
22) T n-Tetracontane (C40)	21.186	2095962	18.964 ug/ml

(f)=RT Delta > 1/2 Window

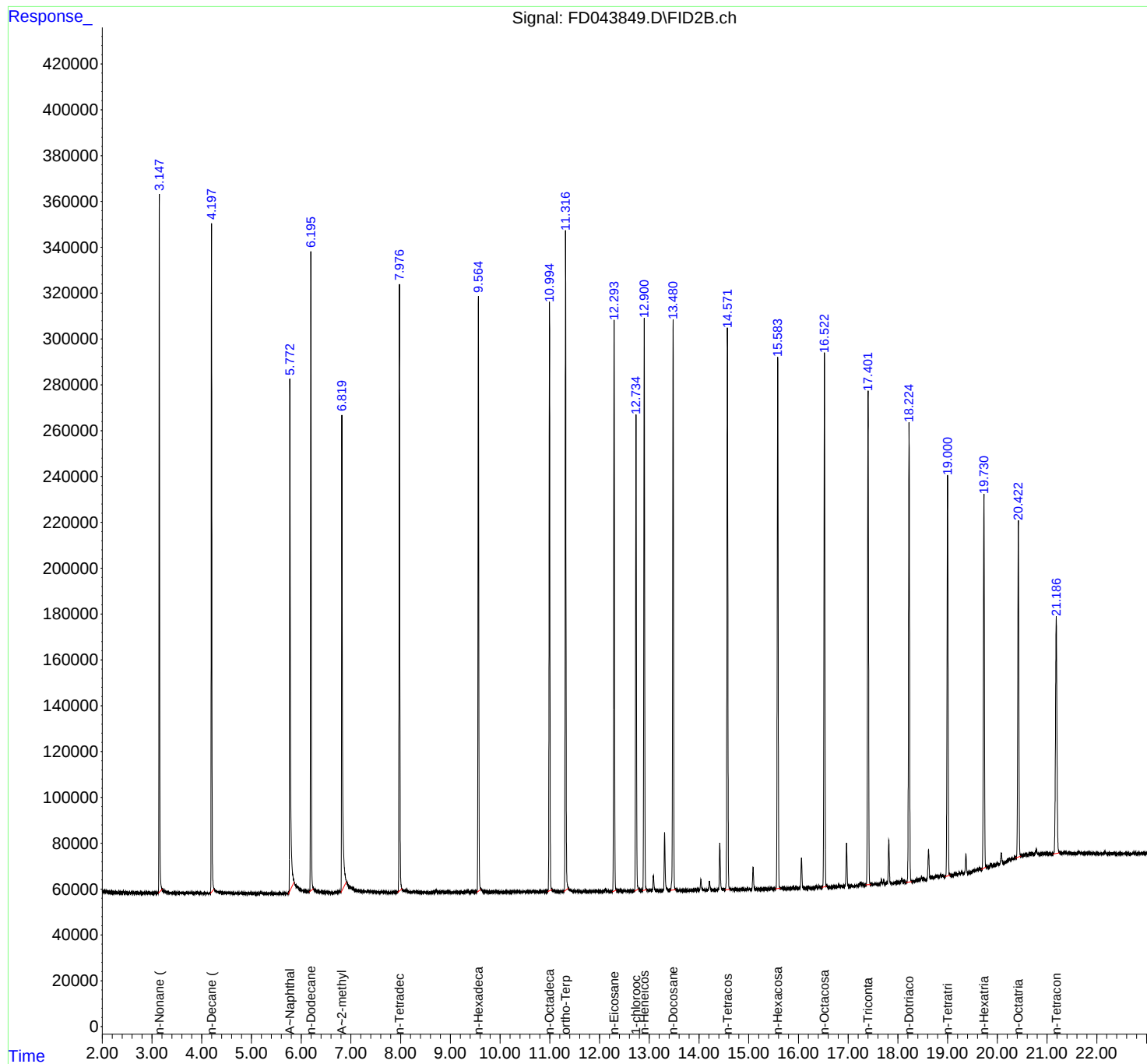
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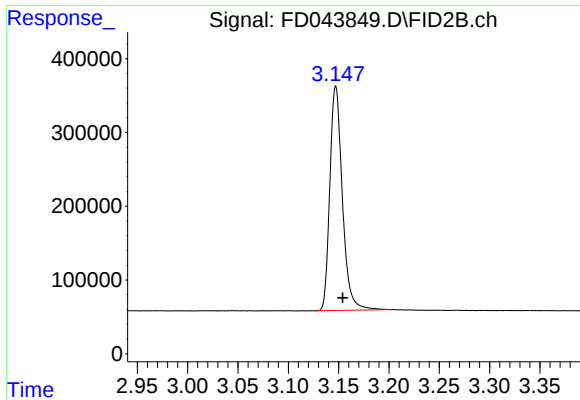
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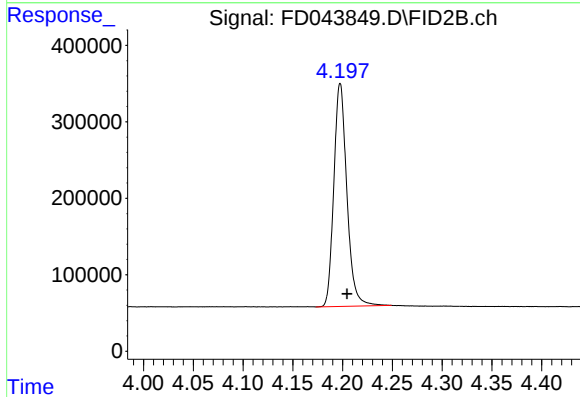




#1 n-Nonane (C9)

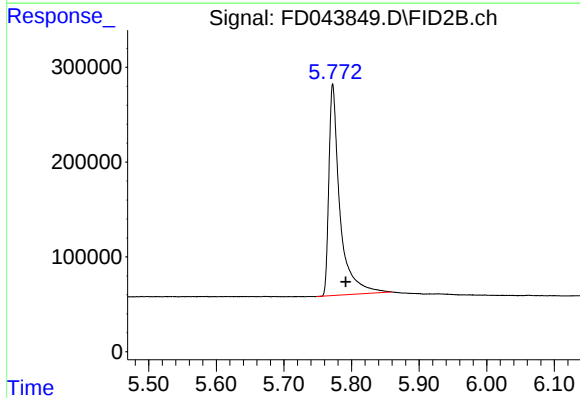
R.T.: 3.147 min
Delta R.T.: -0.007 min
Response: 2635184
Conc: 18.30 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



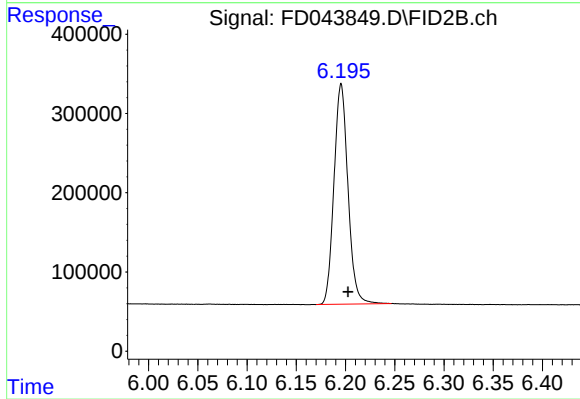
#2 n-Decane (C10)

R.T.: 4.198 min
Delta R.T.: -0.007 min
Response: 2660515
Conc: 18.35 ug/ml



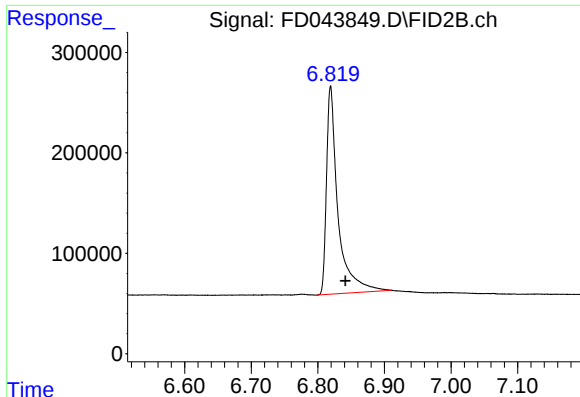
#3 A~Naphthalene (C11.7)

R.T.: 5.772 min
Delta R.T.: -0.019 min
Response: 2528619
Conc: 17.87 ug/ml



#4 n-Dodecane (C12)

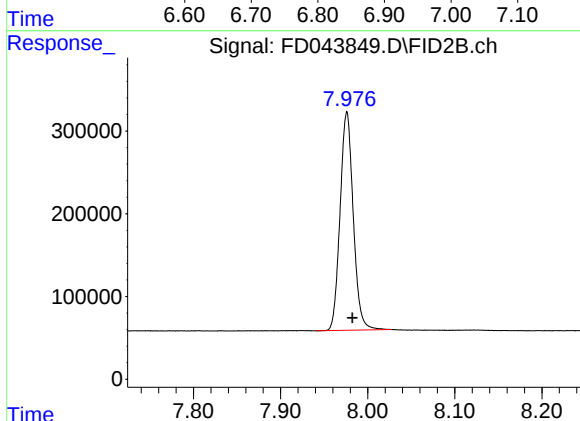
R.T.: 6.196 min
Delta R.T.: -0.007 min
Response: 2749883
Conc: 18.38 ug/ml



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

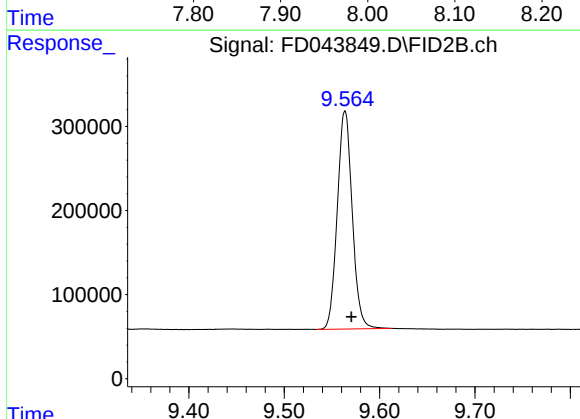
R.T.: 6.819 min
Delta R.T.: -0.022 min
Response: 2479566
Conc: 17.97 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



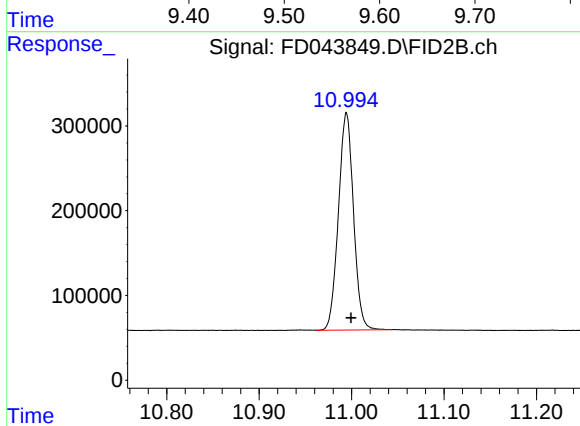
#6 n-Tetradecane (C14)

R.T.: 7.976 min
Delta R.T.: -0.006 min
Response: 2775549
Conc: 18.39 ug/ml



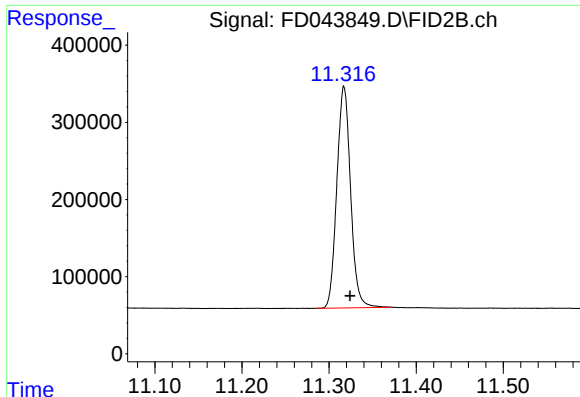
#7 n-Hexadecane (C16)

R.T.: 9.564 min
Delta R.T.: -0.006 min
Response: 2821662
Conc: 18.45 ug/ml



#8 n-Octadecane (C18)

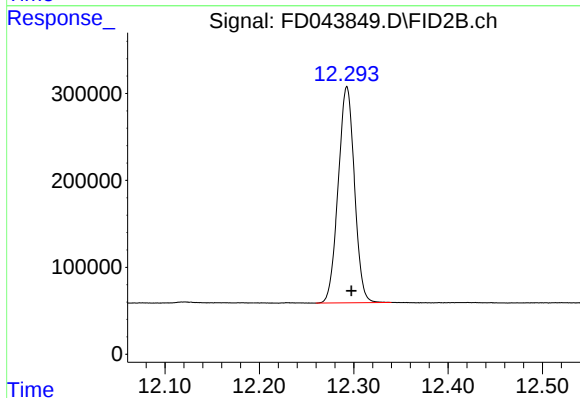
R.T.: 10.995 min
Delta R.T.: -0.005 min
Response: 2904429
Conc: 18.42 ug/ml



#9 ortho-Terphenyl (SURR)

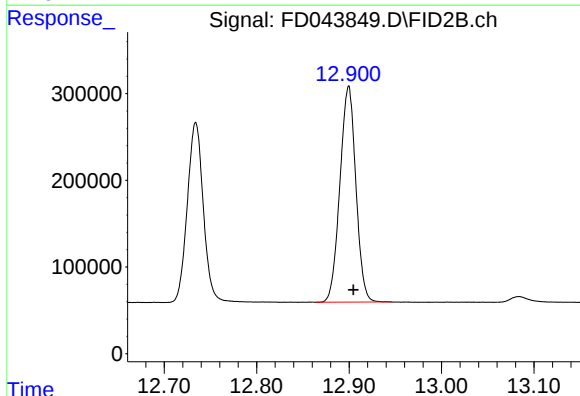
R.T.: 11.317 min
Delta R.T.: -0.007 min
Response: 3150043
Conc: 18.42 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



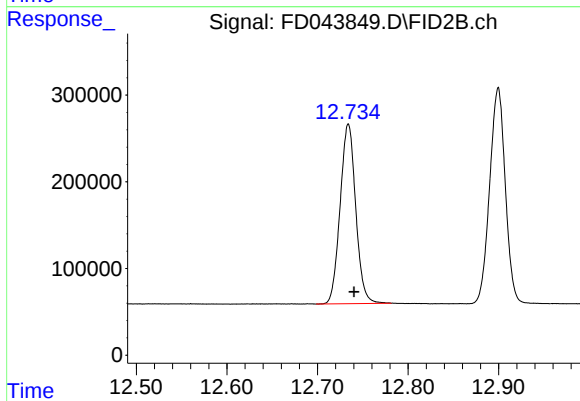
#10 n-Eicosane (C20)

R.T.: 12.293 min
Delta R.T.: -0.005 min
Response: 2974205
Conc: 18.59 ug/ml



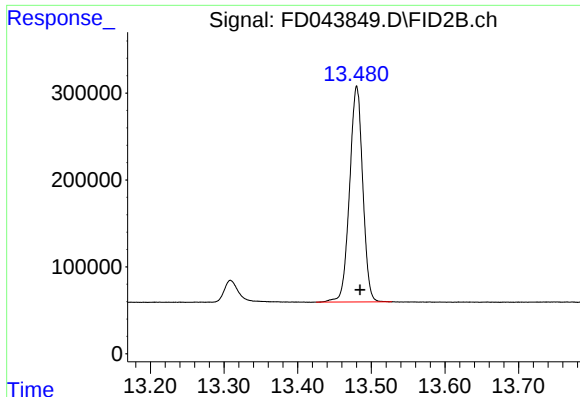
#11 n-Heneicosane (C21)

R.T.: 12.900 min
Delta R.T.: -0.005 min
Response: 2989039
Conc: 18.53 ug/ml



#12 1-chlorooctadecane (SURR)

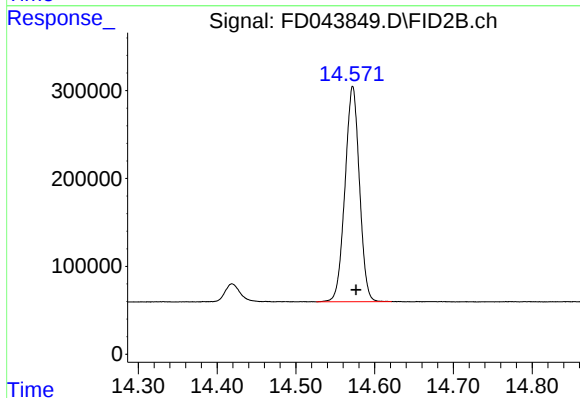
R.T.: 12.734 min
Delta R.T.: -0.006 min
Response: 2477711
Conc: 18.62 ug/ml



#13 n-Docosane (C22)

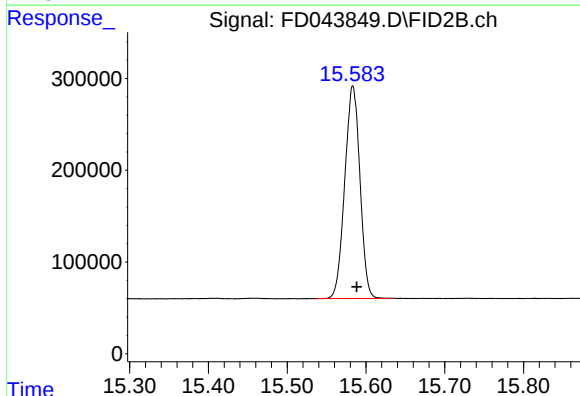
R.T.: 13.480 min
Delta R.T.: -0.004 min
Response: 3085995
Conc: 19.19 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



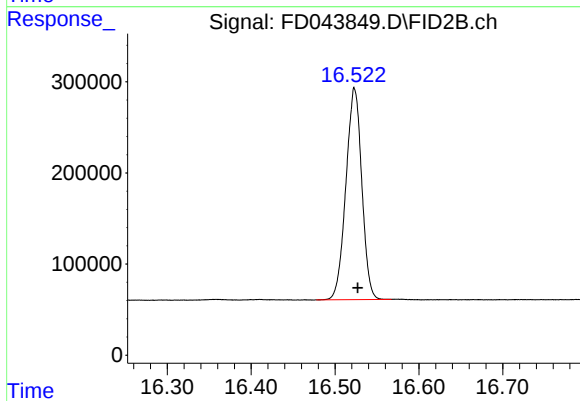
#14 n-Tetracosane (C24)

R.T.: 14.572 min
Delta R.T.: -0.004 min
Response: 3124433
Conc: 19.72 ug/ml



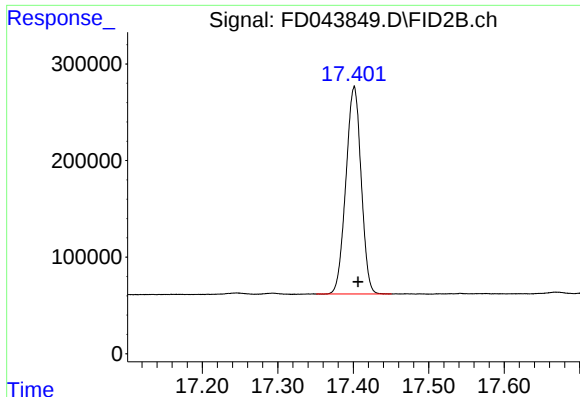
#15 n-Hexacosane (C26)

R.T.: 15.583 min
Delta R.T.: -0.005 min
Response: 3102975
Conc: 19.92 ug/ml



#16 n-Octacosane (C28)

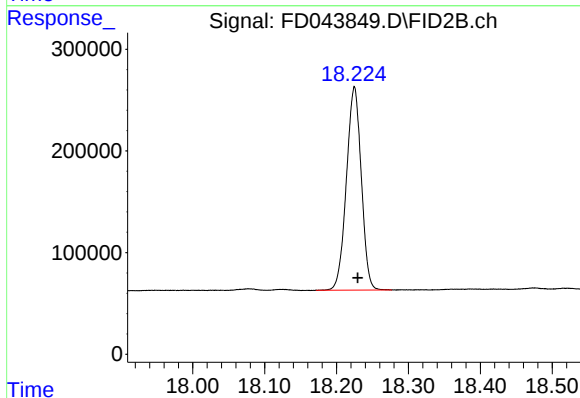
R.T.: 16.523 min
Delta R.T.: -0.004 min
Response: 3050854
Conc: 20.15 ug/ml



#17 n-Tricontane (C30)

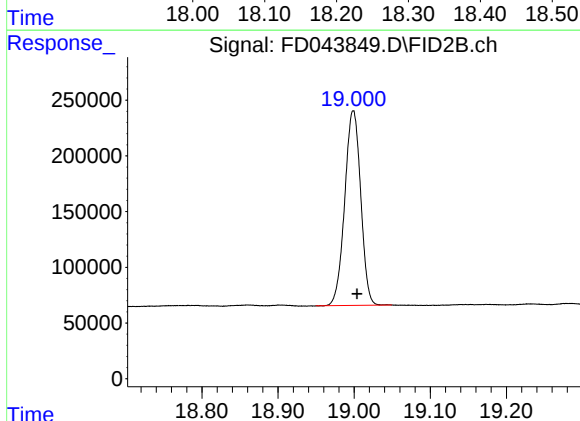
R.T.: 17.401 min
Delta R.T.: -0.005 min
Response: 3015687
Conc: 20.24 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



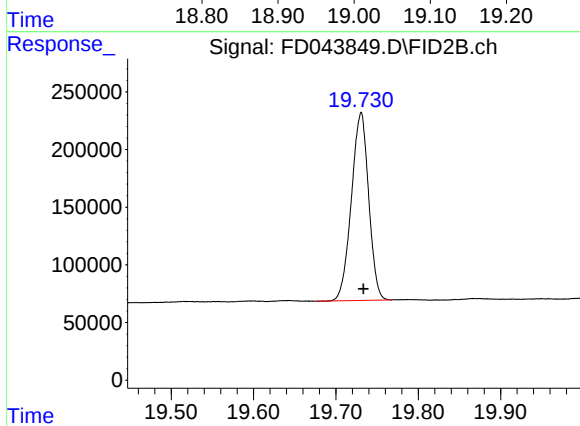
#18 n-Dotriacontane (C32)

R.T.: 18.225 min
Delta R.T.: -0.005 min
Response: 2867512
Conc: 20.09 ug/ml



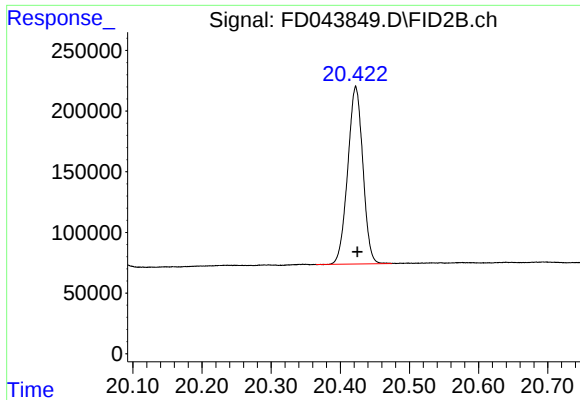
#19 n-Tetratriacontane (C34)

R.T.: 18.999 min
Delta R.T.: -0.005 min
Response: 2552931
Conc: 19.53 ug/ml



#20 n-Hexatriacontane (C36)

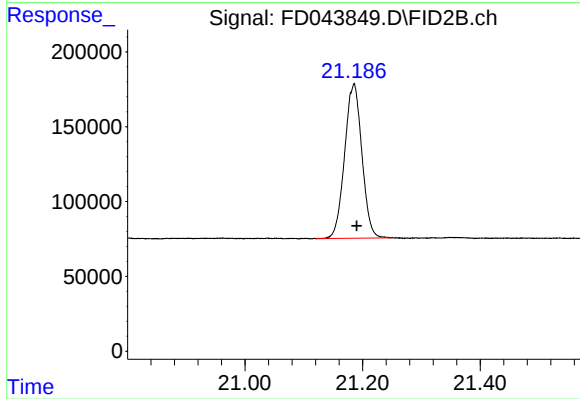
R.T.: 19.731 min
Delta R.T.: -0.003 min
Response: 2374659
Conc: 19.19 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.422 min
Delta R.T.: -0.003 min
Response: 2220126
Conc: 19.00 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.186 min
Delta R.T.: -0.004 min
Response: 2095962
Conc: 18.96 ug/ml