

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD080224AL\
 Data File : FD048138.D
 Signal(s) : FID2B.ch
 Acq On : 02 Aug 2024 13:42
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Aug 02 14:31:32 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 080224.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 02 14:07:46 2024
 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)	11.292	3981670	19.811 ug/ml
Spiked Amount 50.000		Recovery =	39.62%
12) S 1-chlorooctadecane (S...	12.733	3033941	19.870 ug/ml
Spiked Amount 50.000		Recovery =	39.74%
Target Compounds			
1) T n-Nonane (C9)	3.147	3562150	19.771 ug/ml
2) T n-Decane (C10)	4.193	3660287	19.753 ug/ml
3) T A~Naphthalene (C11.7)	5.742	3972499	19.851 ug/ml
4) T n-Dodecane (C12)	6.188	3709649	19.790 ug/ml
5) T A~2-methylnaphthalene...	6.789	3799677	19.894 ug/ml
6) T n-Tetradecane (C14)	7.970	3676164	19.735 ug/ml
7) T n-Hexadecane (C16)	9.561	3780141	19.905 ug/ml
8) T n-Octadecane (C18)	10.994	3825009	19.932 ug/ml
10) T n-Eicosane (C20)	12.296	3665626	19.943 ug/ml
11) T n-Heneicosane (C21)	12.904	3583883	19.842 ug/ml
13) T n-Docosane (C22)	13.487	3589249	20.102 ug/ml
14) T n-Tetracosane (C24)	14.584	3605304	20.427 ug/ml
15) T n-Hexacosane (C26)	15.600	3503752	20.534 ug/ml
16) T n-Octacosane (C28)	16.545	3415231	20.717 ug/ml
17) T n-Tricontane (C30)	17.427	3428675	20.756 ug/ml
18) T n-Dotriacontane (C32)	18.255	3310418	20.880 ug/ml
19) T n-Tetratriacontane (C34)	19.034	3085004	20.472 ug/ml
20) T n-Hexatriacontane (C36)	19.771	2853918	20.096 ug/ml
21) T n-Octatriacontane (C38)	20.467	2752294	19.890 ug/ml
22) T n-Tetracontane (C40)	21.258	2638248	19.903 ug/ml

(f)=RT Delta > 1/2 Window

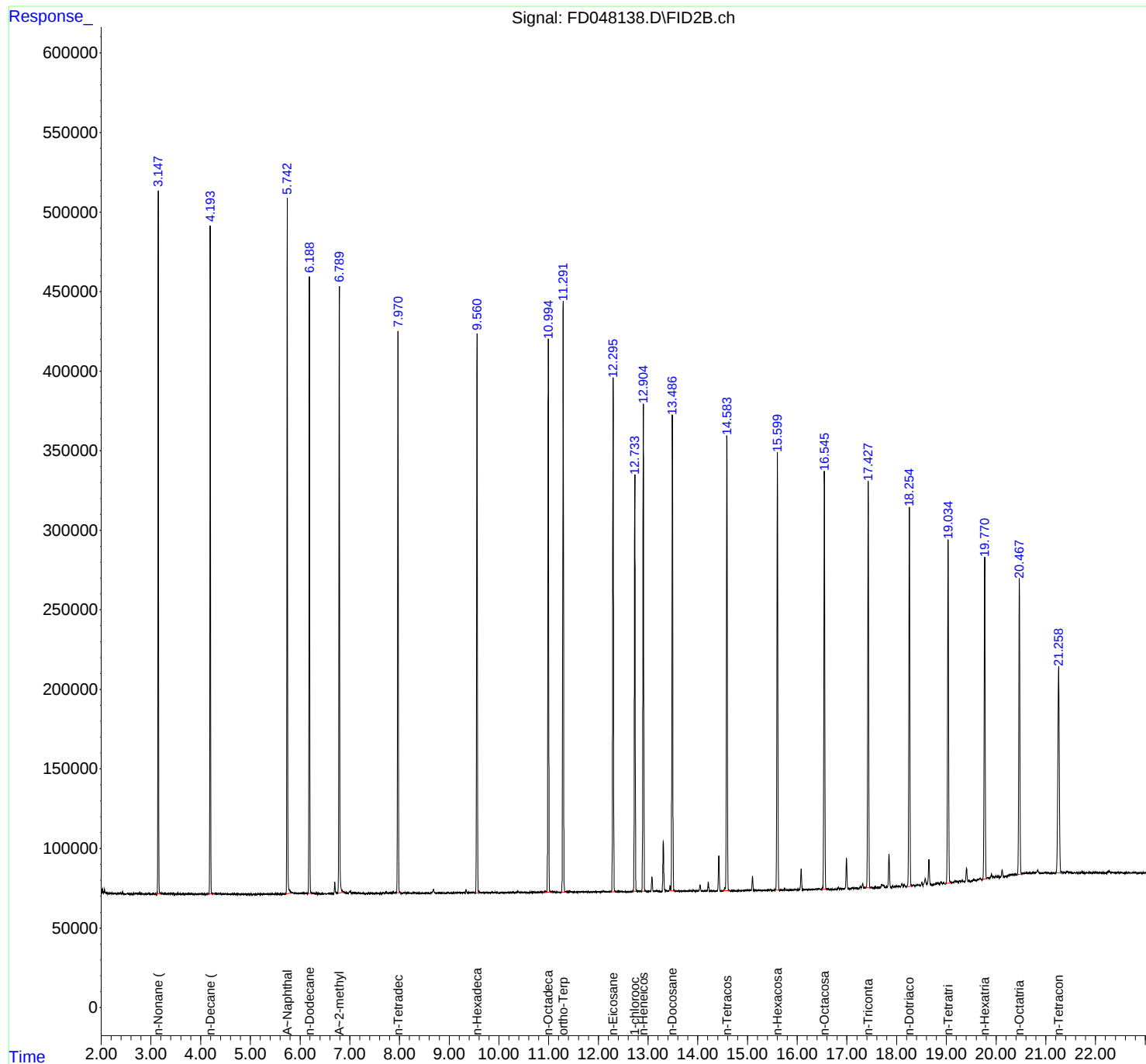
(m)=manual int.

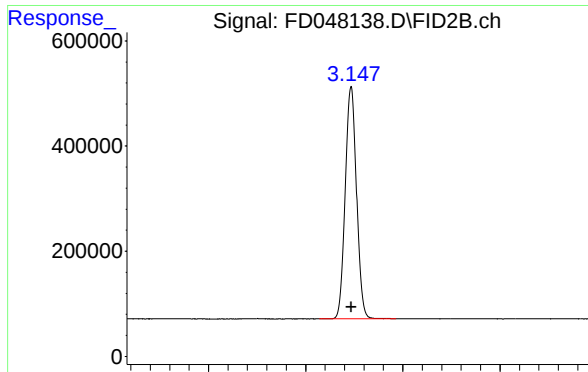
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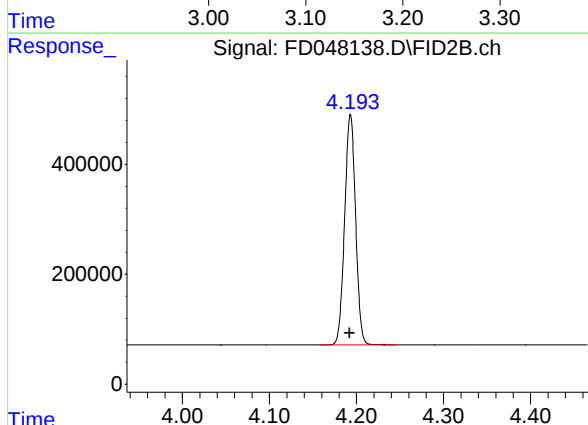




#1 n-Nonane (C9)

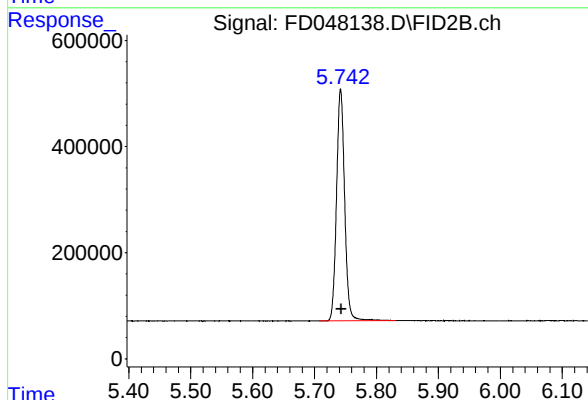
R.T.: 3.147 min
Delta R.T.: 0.000 min
Response: 3562150
Conc: 19.77 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



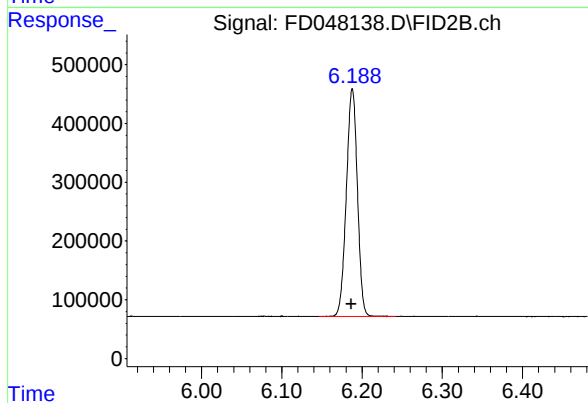
#2 n-Decane (C10)

R.T.: 4.193 min
Delta R.T.: 0.000 min
Response: 3660287
Conc: 19.75 ug/ml



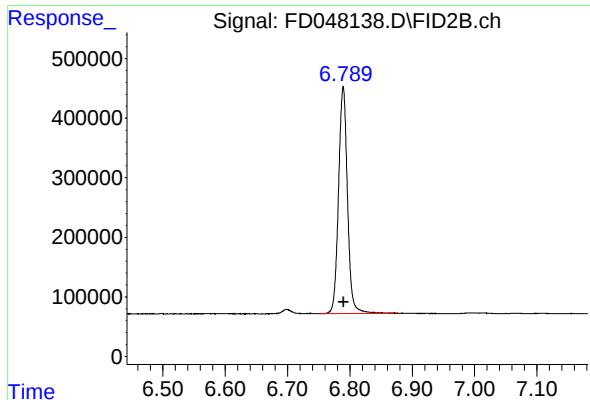
#3 A~Naphthalene (C11.7)

R.T.: 5.742 min
Delta R.T.: 0.000 min
Response: 3972499
Conc: 19.85 ug/ml



#4 n-Dodecane (C12)

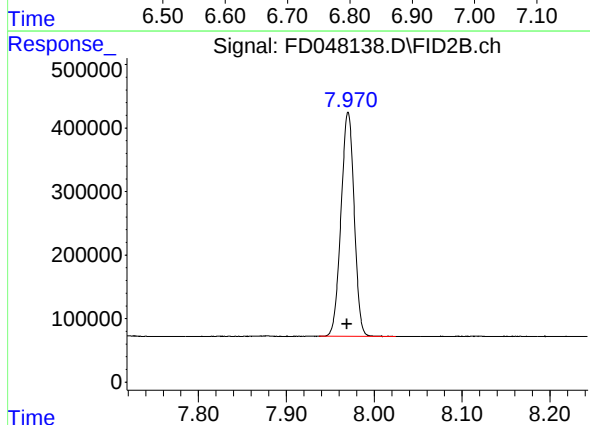
R.T.: 6.188 min
Delta R.T.: 0.001 min
Response: 3709649
Conc: 19.79 ug/ml



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

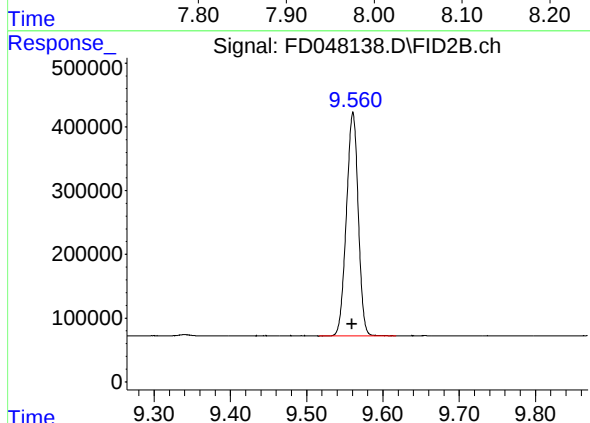
R.T.: 6.789 min
Delta R.T.: 0.000 min
Response: 3799677
Conc: 19.89 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



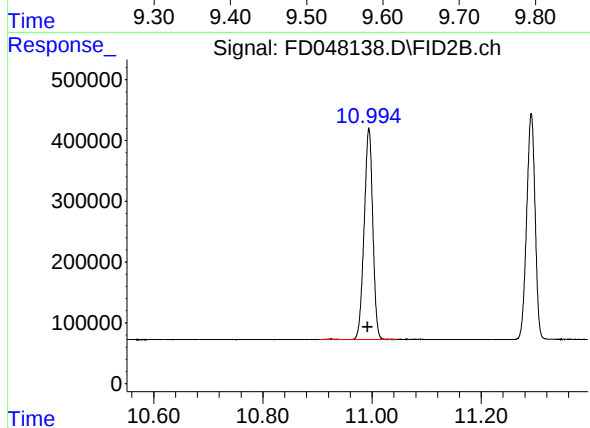
#6 n-Tetradecane (C14)

R.T.: 7.970 min
Delta R.T.: 0.001 min
Response: 3676164
Conc: 19.73 ug/ml



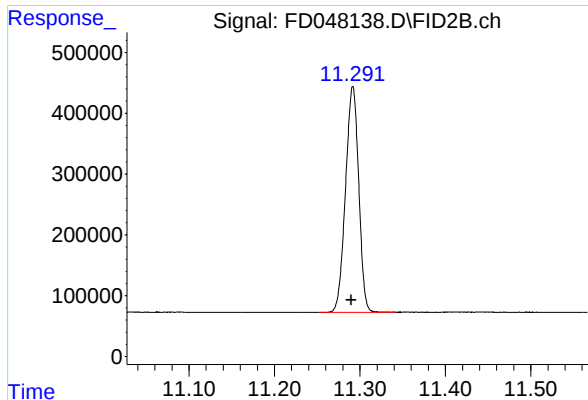
#7 n-Hexadecane (C16)

R.T.: 9.561 min
Delta R.T.: 0.001 min
Response: 3780141
Conc: 19.91 ug/ml



#8 n-Octadecane (C18)

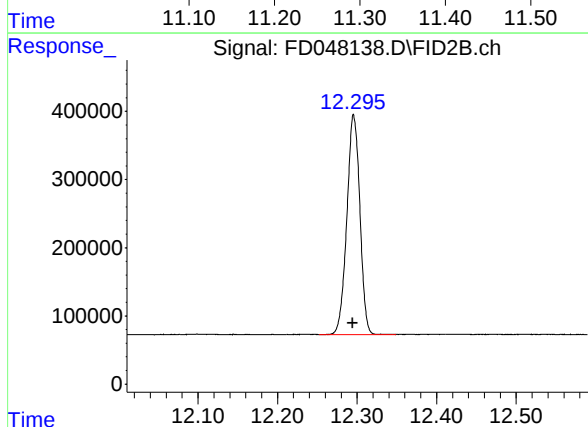
R.T.: 10.994 min
Delta R.T.: 0.002 min
Response: 3825009
Conc: 19.93 ug/ml



#9 ortho-Terphenyl (SURR)

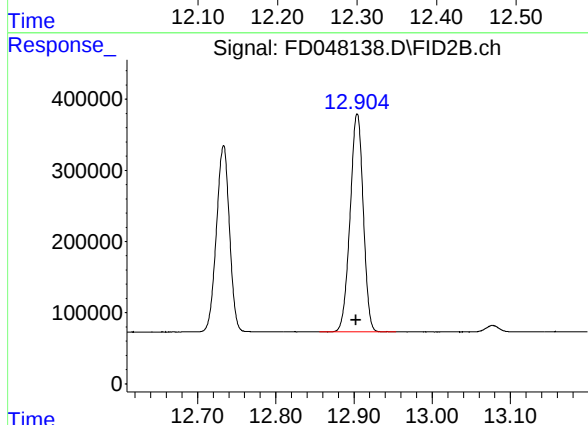
R.T.: 11.292 min
Delta R.T.: 0.002 min
Response: 3981670
Conc: 19.81 ug/ml

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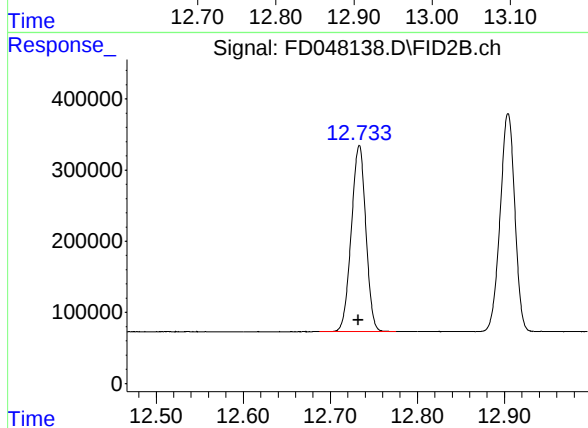
#10 n-Eicosane (C20)

R.T.: 12.296 min
Delta R.T.: 0.001 min
Response: 3665626
Conc: 19.94 ug/ml



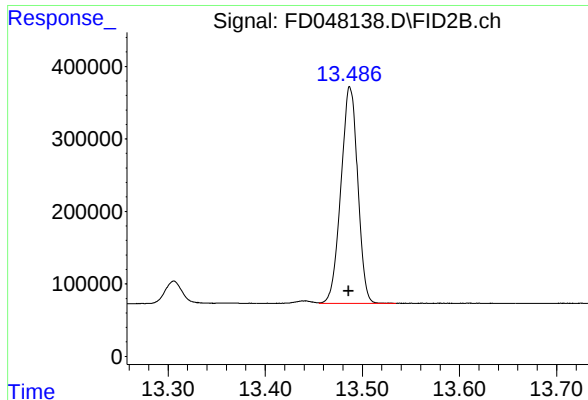
#11 n-Heneicosane (C21)

R.T.: 12.904 min
Delta R.T.: 0.002 min
Response: 3583883
Conc: 19.84 ug/ml



#12 1-chlorooctadecane (SURR)

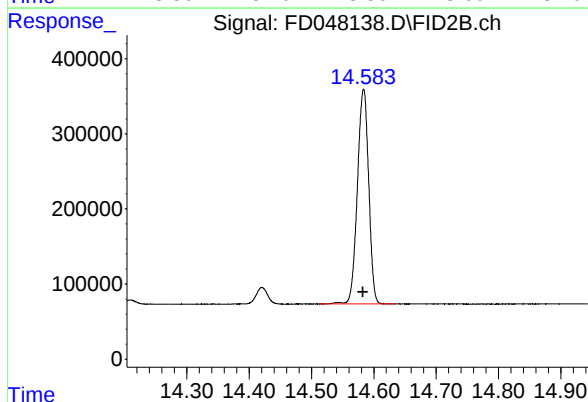
R.T.: 12.733 min
Delta R.T.: 0.001 min
Response: 3033941
Conc: 19.87 ug/ml



#13 n-Docosane (C22)

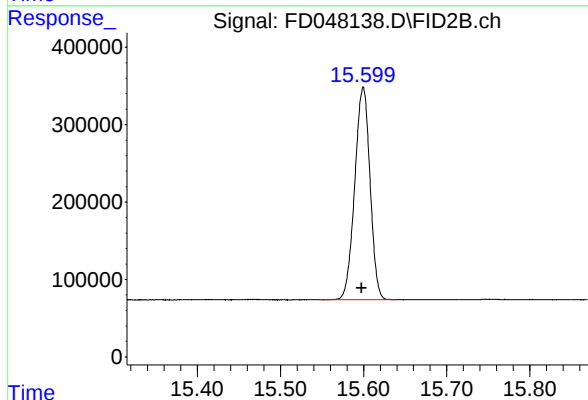
R.T.: 13.487 min
Delta R.T.: 0.002 min
Response: 3589249
Conc: 20.10 ug/ml

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20 PPM ALIPHATIC HC STD



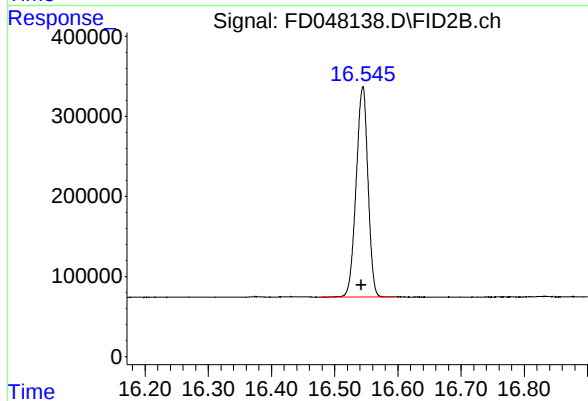
#14 n-Tetracosane (C24)

R.T.: 14.584 min
Delta R.T.: 0.001 min
Response: 3605304
Conc: 20.43 ug/ml



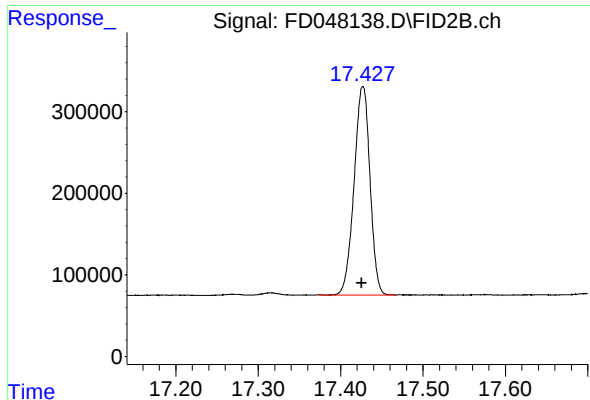
#15 n-Hexacosane (C26)

R.T.: 15.600 min
Delta R.T.: 0.002 min
Response: 3503752
Conc: 20.53 ug/ml



#16 n-Octacosane (C28)

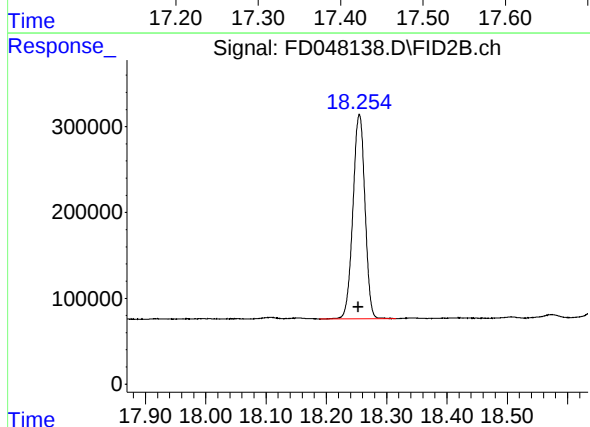
R.T.: 16.545 min
Delta R.T.: 0.002 min
Response: 3415231
Conc: 20.72 ug/ml



#17 n-Tricontane (C30)

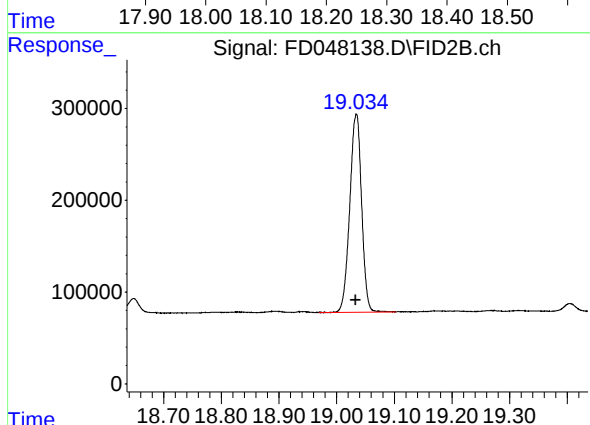
R.T.: 17.427 min
Delta R.T.: 0.002 min
Response: 3428675
Conc: 20.76 ug/ml

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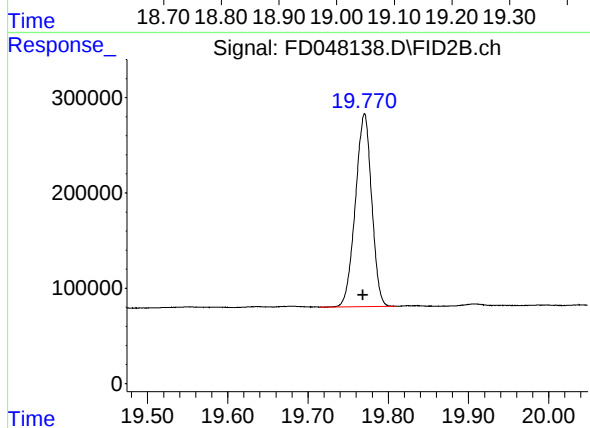
#18 n-Dotriacontane (C32)

R.T.: 18.255 min
Delta R.T.: 0.002 min
Response: 3310418
Conc: 20.88 ug/ml



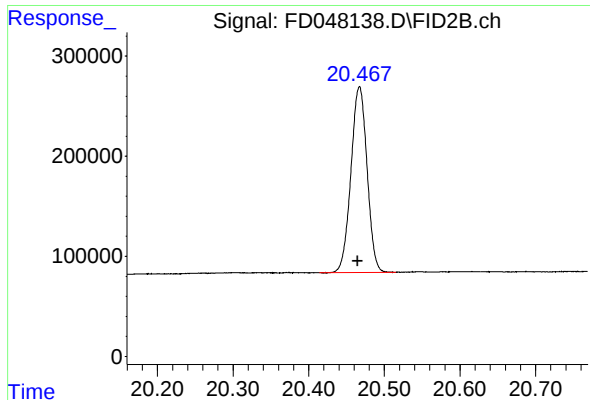
#19 n-Tetatriacontane (C34)

R.T.: 19.034 min
Delta R.T.: 0.002 min
Response: 3085004
Conc: 20.47 ug/ml



#20 n-Hexatriacontane (C36)

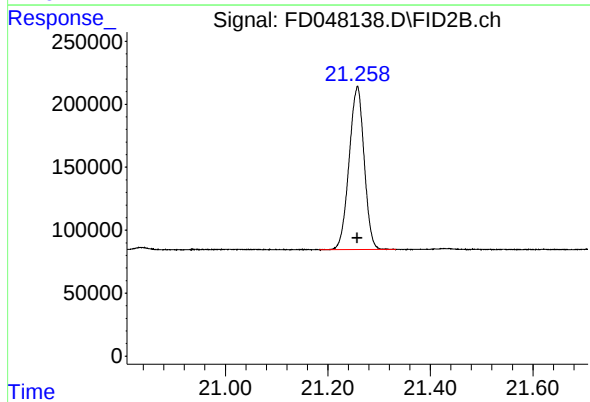
R.T.: 19.771 min
Delta R.T.: 0.002 min
Response: 2853918
Conc: 20.10 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.467 min
Delta R.T.: 0.002 min
Response: 2752294
Conc: 19.89 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.258 min
Delta R.T.: 0.000 min
Response: 2638248
Conc: 19.90 ug/ml