

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD080122AL\
 Data File : FD043464.D
 Signal(s) : FID2B.ch
 Acq On : 02 Aug 2022 10:14
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/02/2022
 Supervised By :Ankita Jodhani 08/02/2022

Integration File: sample.E
 Quant Time: Aug 02 10:38:12 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 072522.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 26 05:37:25 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)	11.531	2874492	18.159 ug/ml
Spiked Amount 50.000		Recovery =	36.32%
12) S 1-chlorooctadecane (S...	12.967	2229624	18.192 ug/ml
Spiked Amount 50.000		Recovery =	36.38%
Target Compounds			
1) T n-Nonane (C9)	3.314	2707725	19.318 ug/ml
2) T n-Decane (C10)	4.377	2763620	19.655 ug/ml
3) T A~Naphthalene (C11.7)	5.954	2972860	19.565 ug/ml
4) T n-Dodecane (C12)	6.390	2786081	19.575 ug/ml
5) T A~2-methylnaphthalene...	7.009	2922169	19.530 ug/ml
6) T n-Tetradecane (C14)	8.182	2770052	19.528 ug/ml
7) T n-Hexadecane (C16)	9.779	2761225	19.469 ug/ml
8) T n-Octadecane (C18)	11.218	2736364	19.137 ug/ml
10) T n-Eicosane (C20)	12.524	2670220	18.442 ug/ml
11) T n-Heneicosane (C21)	13.136	2639317	18.172 ug/ml
13) T n-Docosane (C22)	13.720	2608570	17.980 ug/ml
14) T n-Tetracosane (C24)	14.820	2530409	17.467 ug/ml
15) T n-Hexacosane (C26)	15.839	2445393	17.001 ug/ml
16) T n-Octacosane (C28)	16.786	2405007	17.001 ug/ml
17) T n-Tricontane (C30)	17.670	2506116	17.756 ug/ml
18) T n-Dotriacontane (C32)	18.501	2575190	18.622 ug/ml
19) T n-Tetratriacontane (C34)	19.282	2461237	19.126 ug/ml
20) T n-Hexatriacontane (C36)	20.019	2366555	19.186 ug/ml
21) T n-Octatriacontane (C38)	20.741	2332380	19.724 ug/mlm
22) T n-Tetracontane (C40)	21.621	2291270	20.264 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 2 Sample Multiplier: 1

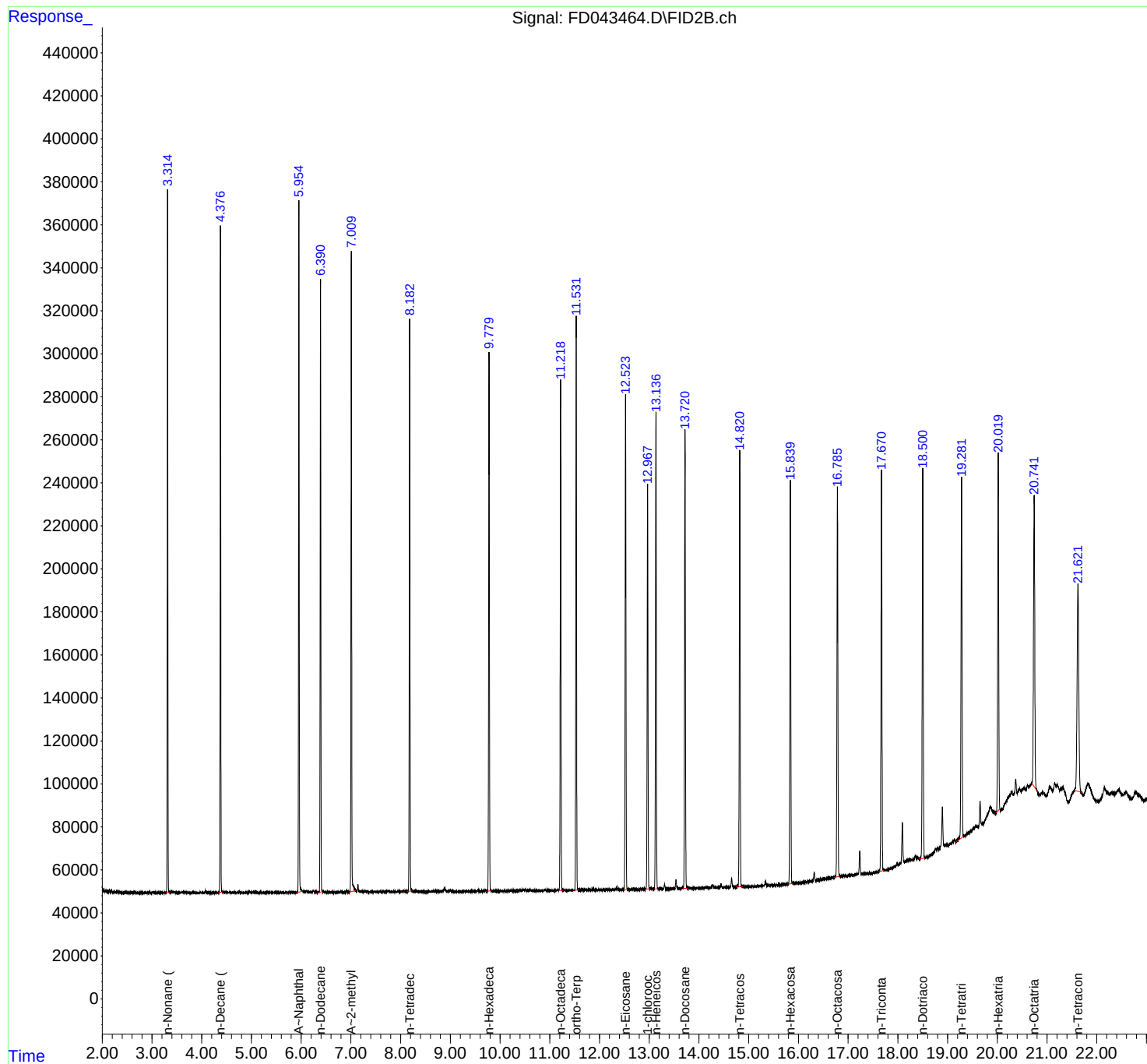
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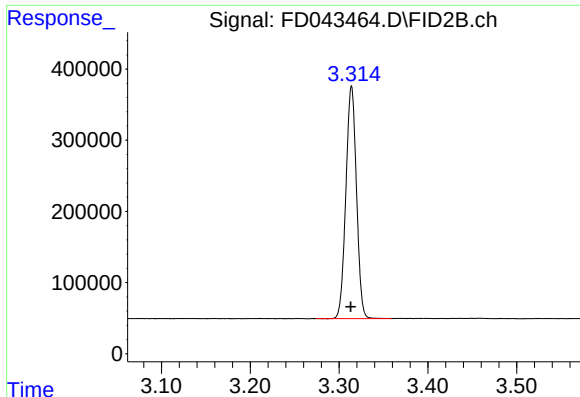
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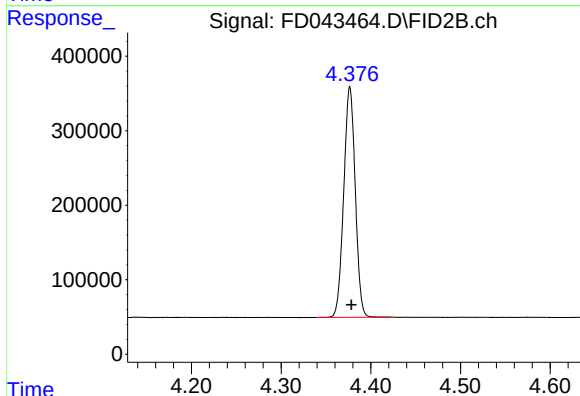
#1 n-Nonane (C9)

R.T.: 3.314 min
Delta R.T.: 0.001 min
Response: 2707725
Conc: 19.32 ug/ml

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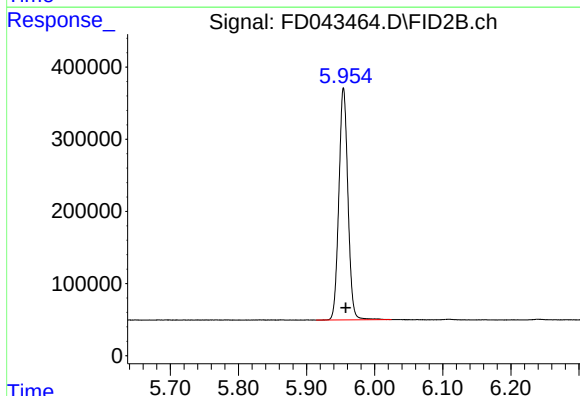
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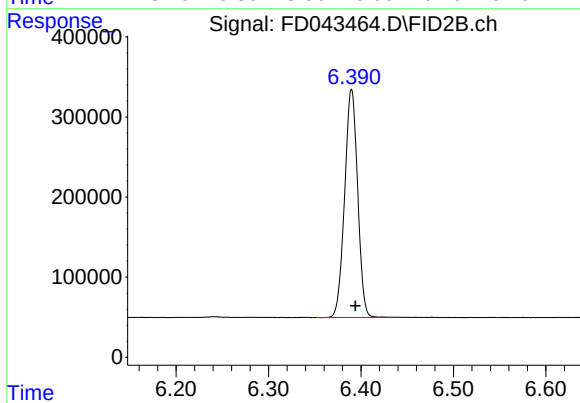
#2 n-Decane (C10)

R.T.: 4.377 min
Delta R.T.: -0.002 min
Response: 2763620
Conc: 19.66 ug/ml



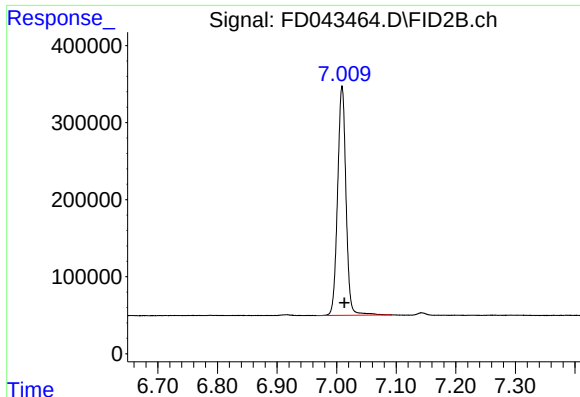
#3 A~Naphthalene (C11.7)

R.T.: 5.954 min
Delta R.T.: -0.003 min
Response: 2972860
Conc: 19.57 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.390 min
Delta R.T.: -0.004 min
Response: 2786081
Conc: 19.58 ug/ml



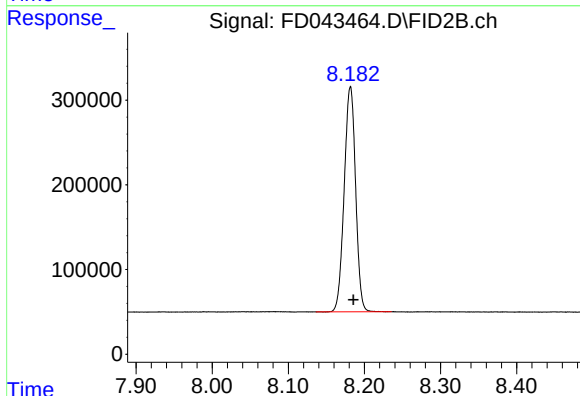
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.009 min
Delta R.T.: -0.004 min
Response: 2922169
Conc: 19.53 ug/ml

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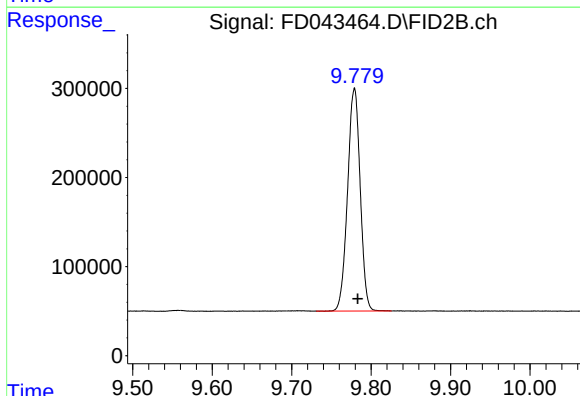
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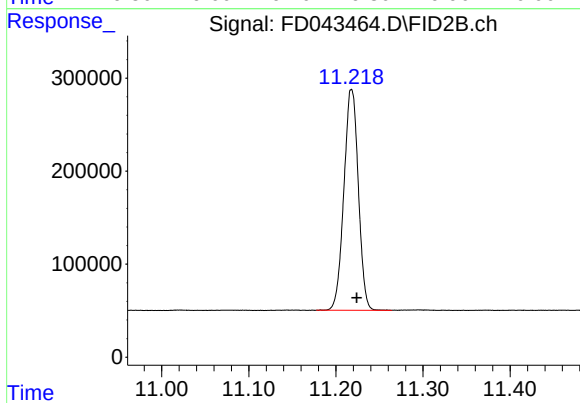
#6 n-Tetradecane (C14)

R.T.: 8.182 min
Delta R.T.: -0.004 min
Response: 2770052
Conc: 19.53 ug/ml



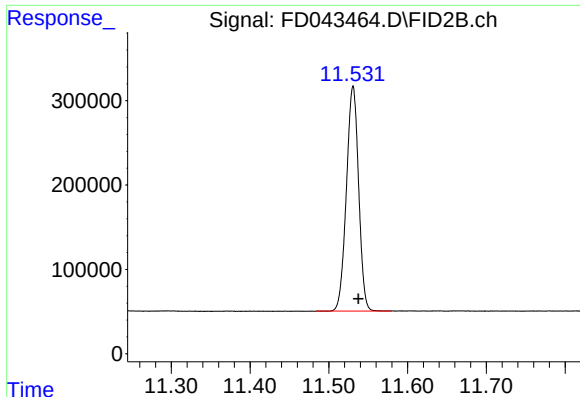
#7 n-Hexadecane (C16)

R.T.: 9.779 min
Delta R.T.: -0.004 min
Response: 2761225
Conc: 19.47 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.218 min
Delta R.T.: -0.006 min
Response: 2736364
Conc: 19.14 ug/ml



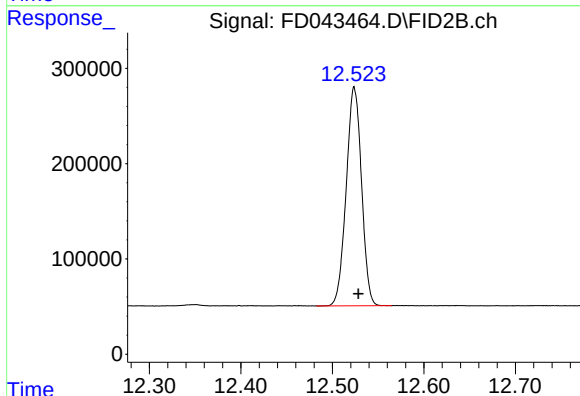
#9 ortho-Terphenyl (SURR)

R.T.: 11.531 min
Delta R.T.: -0.007 min
Response: 2874492
Conc: 18.16 ug/ml

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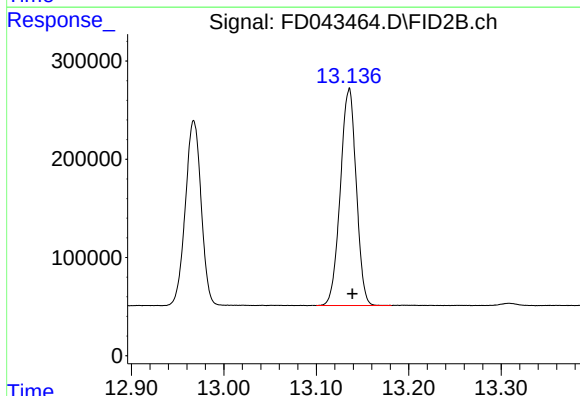
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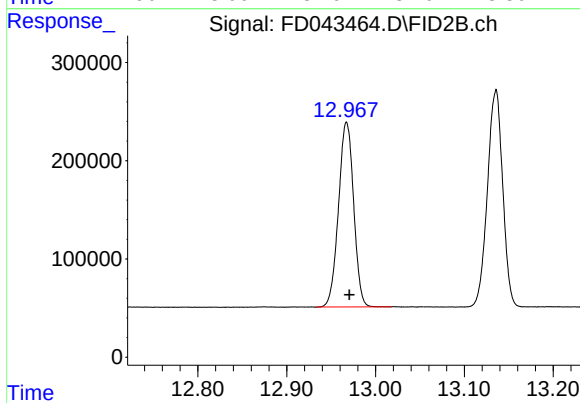
#10 n-Eicosane (C20)

R.T.: 12.524 min
Delta R.T.: -0.005 min
Response: 2670220
Conc: 18.44 ug/ml



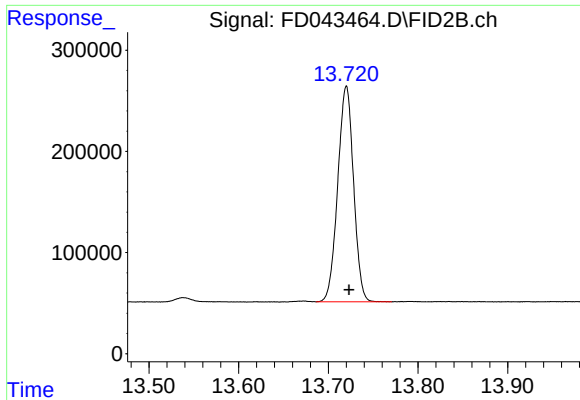
#11 n-Heneicosane (C21)

R.T.: 13.136 min
Delta R.T.: -0.003 min
Response: 2639317
Conc: 18.17 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.967 min
Delta R.T.: -0.003 min
Response: 2229624
Conc: 18.19 ug/ml



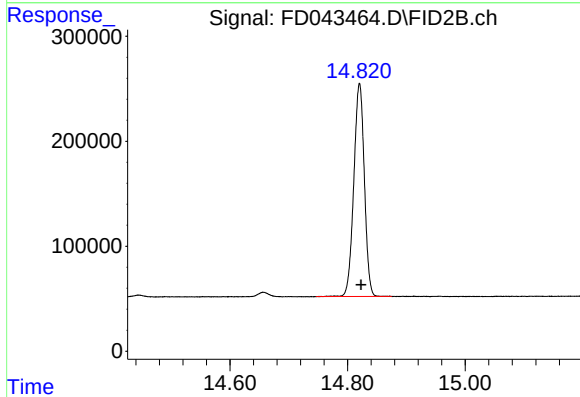
#13 n-Docosane (C22)

R.T.: 13.720 min
Delta R.T.: -0.003 min
Response: 2608570
Conc: 17.98 ug/ml

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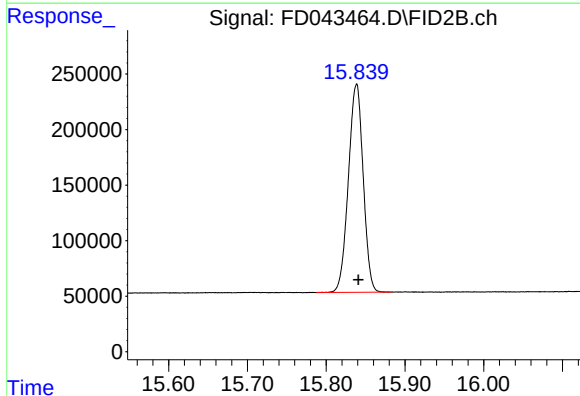
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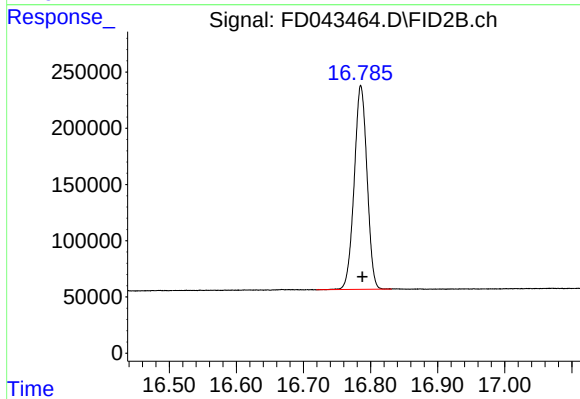
#14 n-Tetracosane (C24)

R.T.: 14.820 min
Delta R.T.: -0.003 min
Response: 2530409
Conc: 17.47 ug/ml



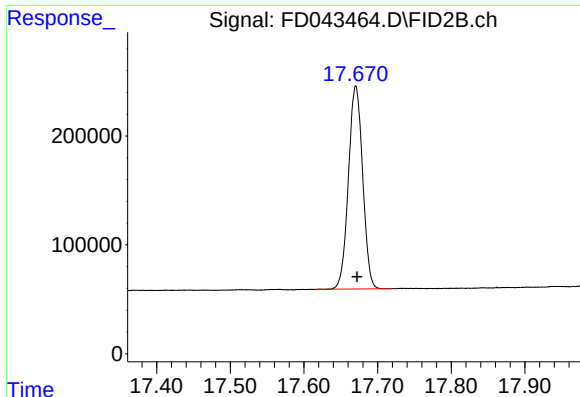
#15 n-Hexacosane (C26)

R.T.: 15.839 min
Delta R.T.: -0.002 min
Response: 2445393
Conc: 17.00 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.786 min
Delta R.T.: -0.002 min
Response: 2405007
Conc: 17.00 ug/ml



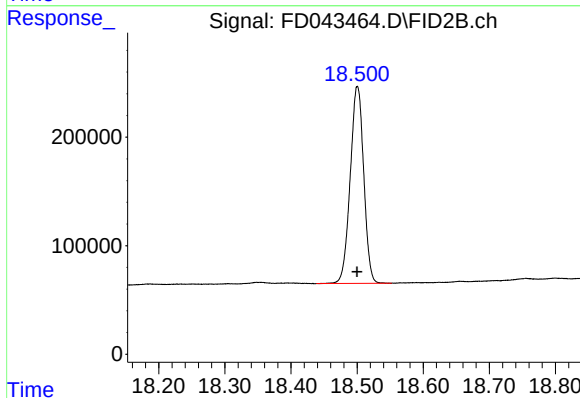
#17 n-Tricontane (C30)

R.T.: 17.670 min
Delta R.T.: -0.002 min
Response: 2506116
Conc: 17.76 ug/ml

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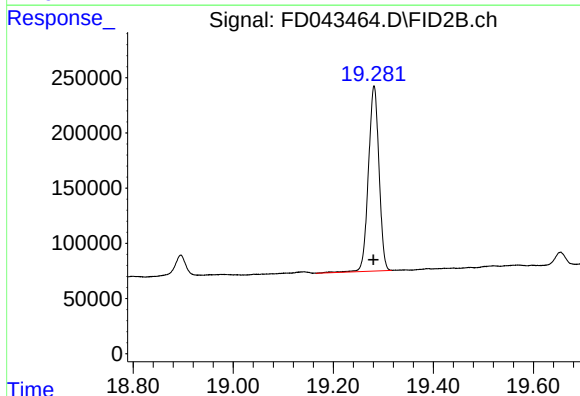
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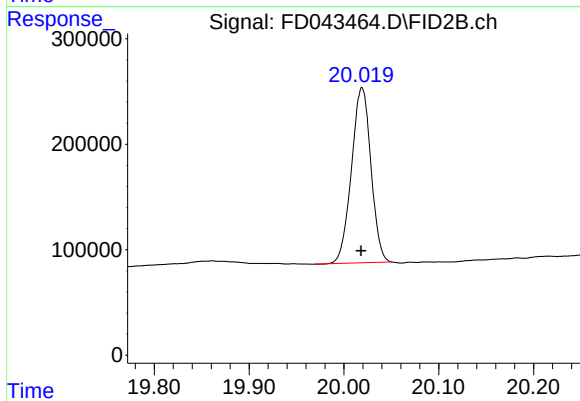
#18 n-Dotriacontane (C32)

R.T.: 18.501 min
Delta R.T.: 0.000 min
Response: 2575190
Conc: 18.62 ug/ml



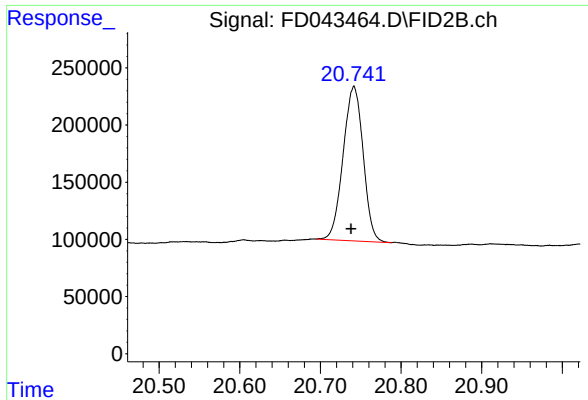
#19 n-Tetratriacontane (C34)

R.T.: 19.282 min
Delta R.T.: 0.001 min
Response: 2461237
Conc: 19.13 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.019 min
Delta R.T.: 0.001 min
Response: 2366555
Conc: 19.19 ug/ml



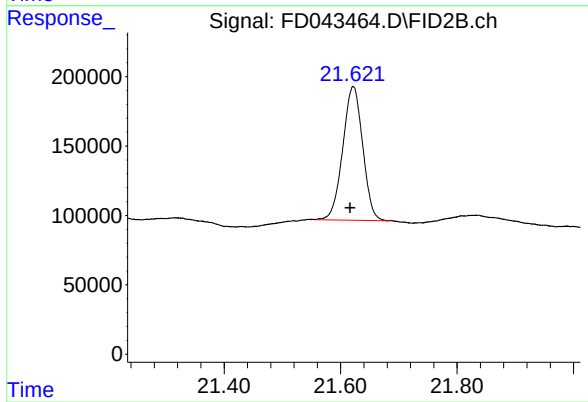
#21 n-Octatriacontane (C38)

R.T.: 20.741 min
Delta R.T.: 0.003 min
Response: 2332380
Conc: 19.72 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.621 min
Delta R.T.: 0.005 min
Response: 2291270
Conc: 20.26 ug/ml m