

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD072822AL\
 Data File : FD043408.D
 Signal(s) : FID2B.ch
 Acq On : 29 Jul 2022 04:16
 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 07/29/2022
 Supervised By :Ankita Jodhani 07/29/2022

Integration File: autoint1.e
 Quant Time: Jul 29 04:56:57 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)	11.533	3066447	19.372 ug/ml
Spiked Amount 50.000		Recovery =	38.74%
12) S 1-chlorooctadecane (S...	12.969	2360445	19.259 ug/ml
Spiked Amount 50.000		Recovery =	38.52%
Target Compounds			
1) T n-Nonane (C9)	3.314	2926924	20.882 ug/ml
2) T n-Decane (C10)	4.378	2961473	21.062 ug/ml
3) T A~Naphthalene (C11.7)	5.956	3184702	20.960 ug/ml
4) T n-Dodecane (C12)	6.391	2979531	20.934 ug/ml
5) T A~2-methylnaphthalene...	7.011	3137978	20.972 ug/ml
6) T n-Tetradecane (C14)	8.183	2946824	20.774 ug/ml
7) T n-Hexadecane (C16)	9.781	2935311	20.696 ug/ml
8) T n-Octadecane (C18)	11.220	2909319	20.346 ug/ml
10) T n-Eicosane (C20)	12.526	2831965	19.559 ug/ml
11) T n-Heneicosane (C21)	13.137	2796160	19.252 ug/ml
13) T n-Docosane (C22)	13.721	2749647	18.953 ug/ml
14) T n-Tetracosane (C24)	14.821	2640736	18.228 ug/ml
15) T n-Hexacosane (C26)	15.840	2555640	17.767 ug/ml
16) T n-Octacosane (C28)	16.786	2506712	17.720 ug/ml
17) T n-Tricontane (C30)	17.671	2555160	18.103 ug/ml
18) T n-Dotriacontane (C32)	18.501	2609190	18.868 ug/ml
19) T n-Tetratriacontane (C34)	19.281	2495009	19.388 ug/mlm
20) T n-Hexatriacontane (C36)	20.020	2446547	19.835 ug/ml
21) T n-Octatriacontane (C38)	20.742	2846784	24.075 ug/mlm
22) T n-Tetracontane (C40)	21.621	2594496	22.945 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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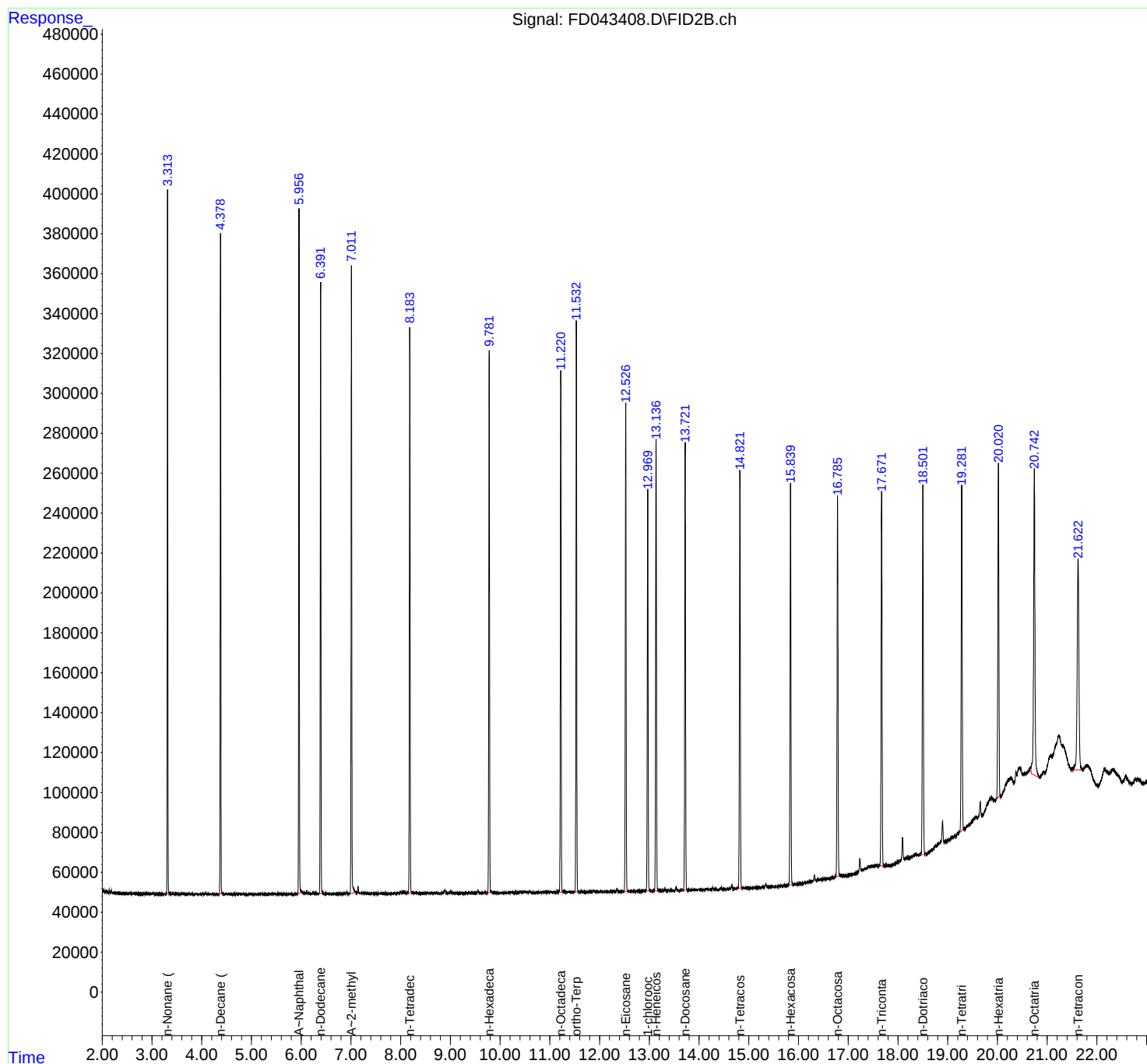
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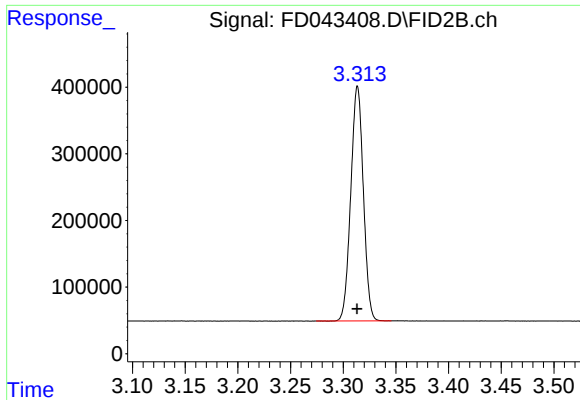
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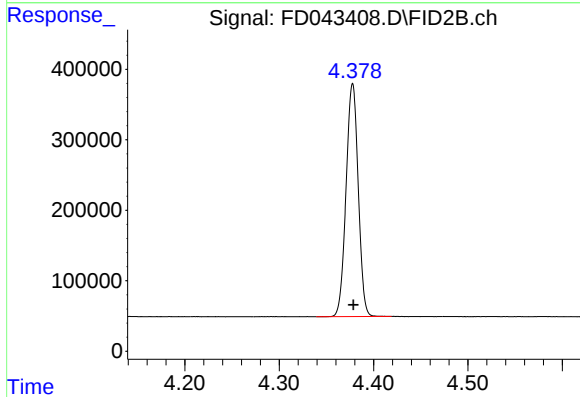
#1 n-Nonane (C9)

R.T.: 3.314 min
Delta R.T.: 0.000 min
Response: 2926924
Conc: 20.88 ug/ml

Instrument :
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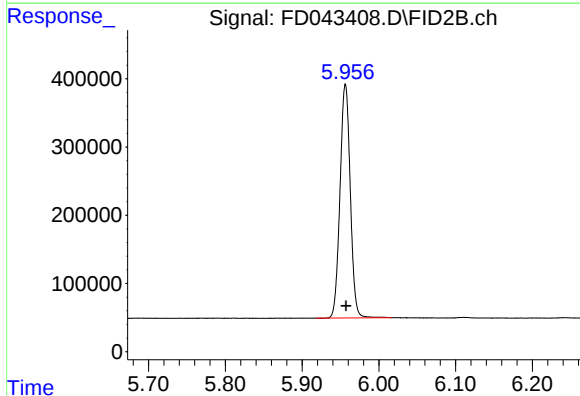
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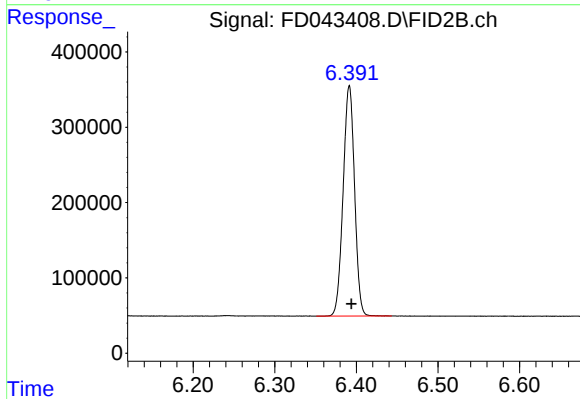
#2 n-Decane (C10)

R.T.: 4.378 min
Delta R.T.: 0.000 min
Response: 2961473
Conc: 21.06 ug/ml



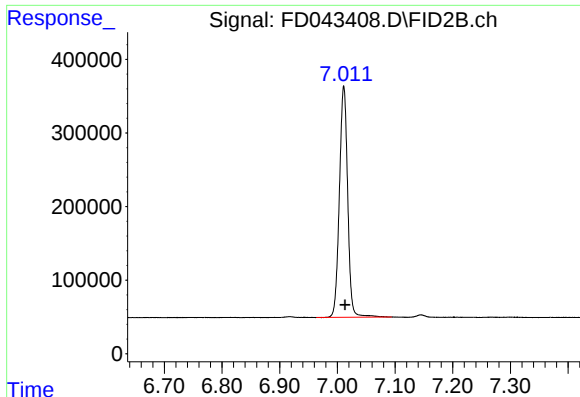
#3 A~Naphthalene (C11.7)

R.T.: 5.956 min
Delta R.T.: -0.001 min
Response: 3184702
Conc: 20.96 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.391 min
Delta R.T.: -0.003 min
Response: 2979531
Conc: 20.93 ug/ml



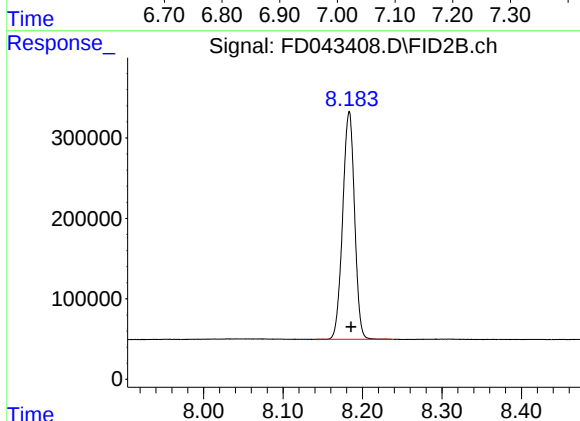
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.011 min
Delta R.T.: -0.002 min
Response: 3137978
Conc: 20.97 ug/ml

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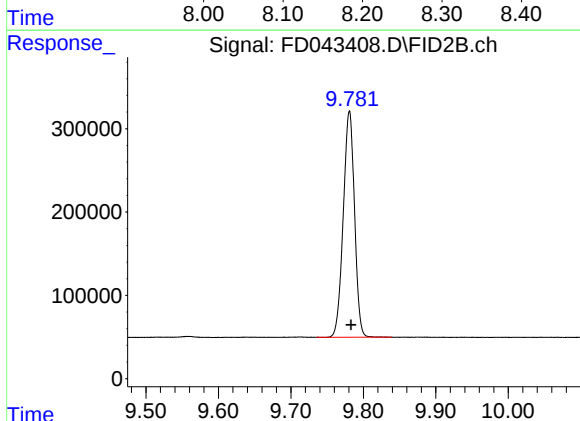
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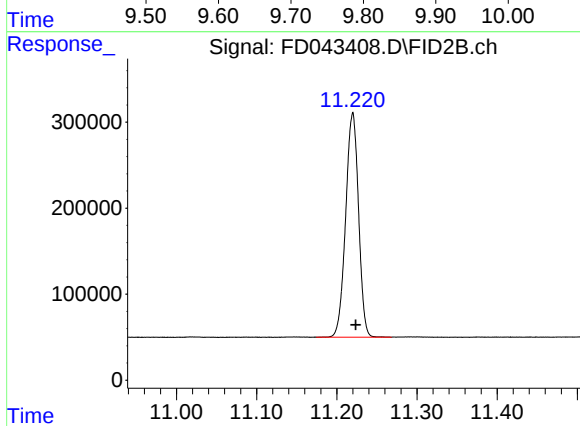
#6 n-Tetradecane (C14)

R.T.: 8.183 min
Delta R.T.: -0.002 min
Response: 2946824
Conc: 20.77 ug/ml



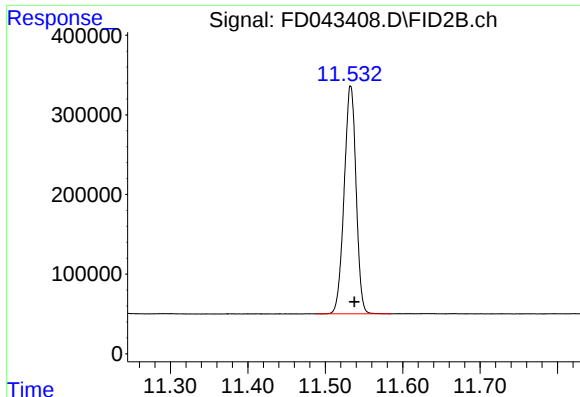
#7 n-Hexadecane (C16)

R.T.: 9.781 min
Delta R.T.: -0.002 min
Response: 2935311
Conc: 20.70 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.220 min
Delta R.T.: -0.004 min
Response: 2909319
Conc: 20.35 ug/ml



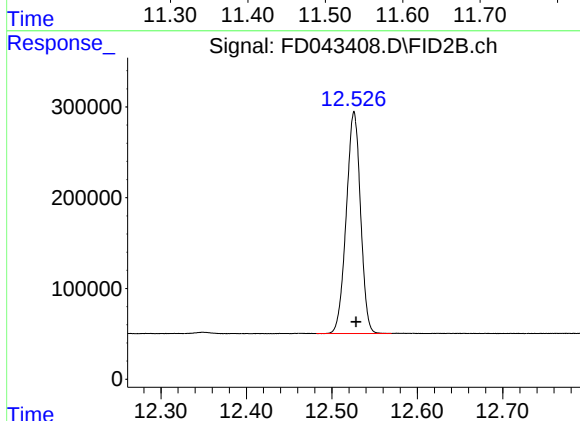
#9 ortho-Terphenyl (SURR)

R.T.: 11.533 min
Delta R.T.: -0.005 min
Response: 3066447
Conc: 19.37 ug/ml

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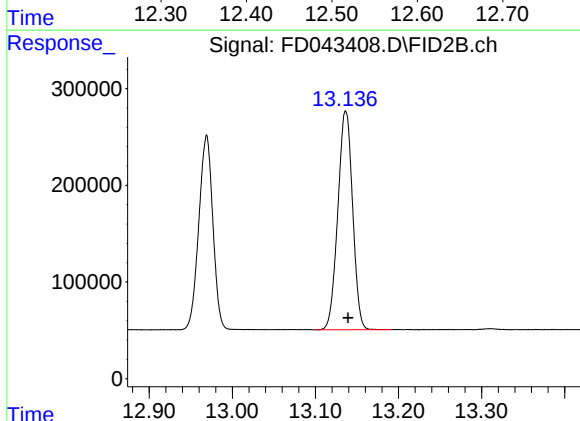
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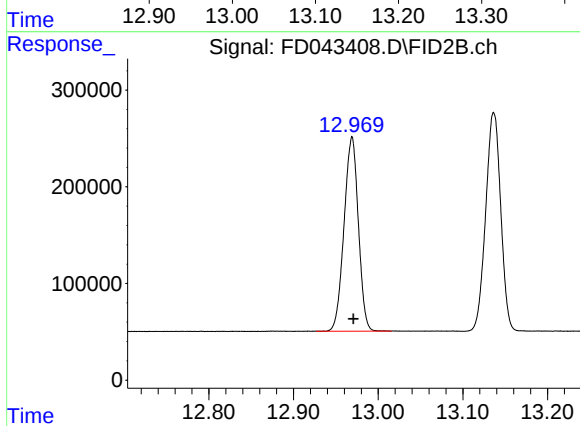
#10 n-Eicosane (C20)

R.T.: 12.526 min
Delta R.T.: -0.002 min
Response: 2831965
Conc: 19.56 ug/ml



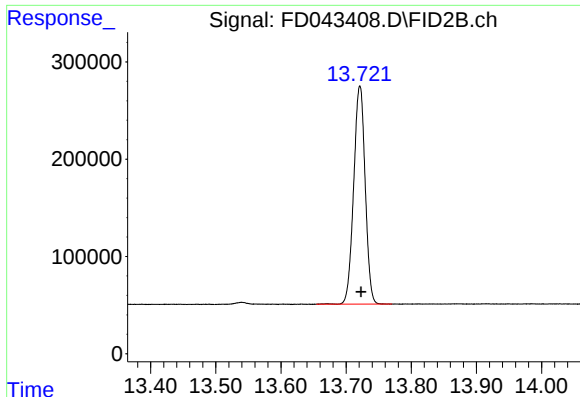
#11 n-Heneicosane (C21)

R.T.: 13.137 min
Delta R.T.: -0.003 min
Response: 2796160
Conc: 19.25 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.969 min
Delta R.T.: -0.002 min
Response: 2360445
Conc: 19.26 ug/ml



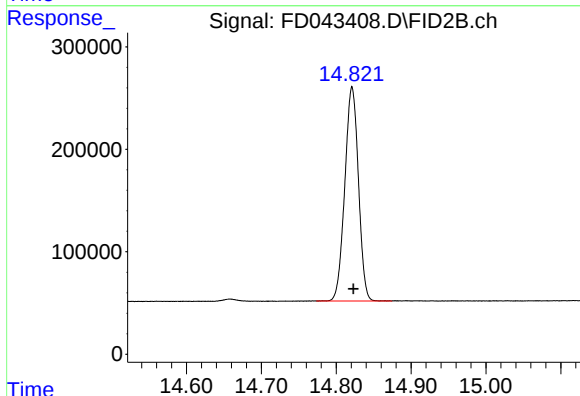
#13 n-Docosane (C22)

R.T.: 13.721 min
Delta R.T.: -0.002 min
Response: 2749647
Conc: 18.95 ug/ml

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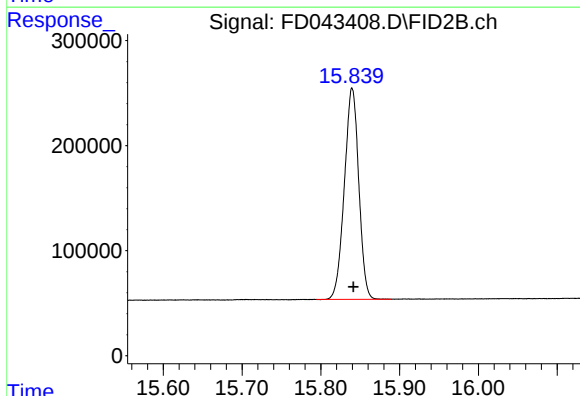
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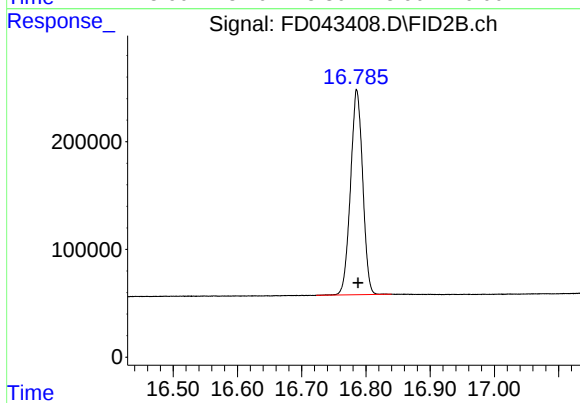
#14 n-Tetracosane (C24)

R.T.: 14.821 min
Delta R.T.: -0.002 min
Response: 2640736
Conc: 18.23 ug/ml



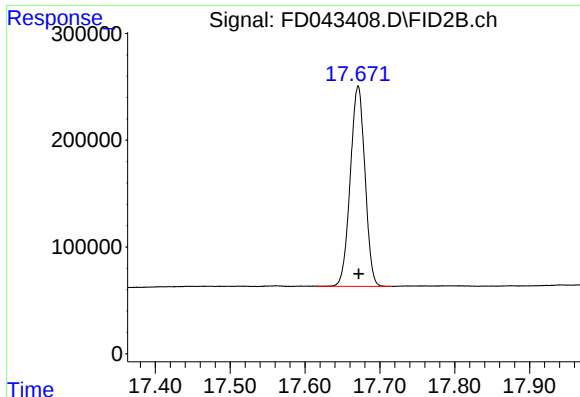
#15 n-Hexacosane (C26)

R.T.: 15.840 min
Delta R.T.: -0.001 min
Response: 2555640
Conc: 17.77 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.786 min
Delta R.T.: -0.002 min
Response: 2506712
Conc: 17.72 ug/ml



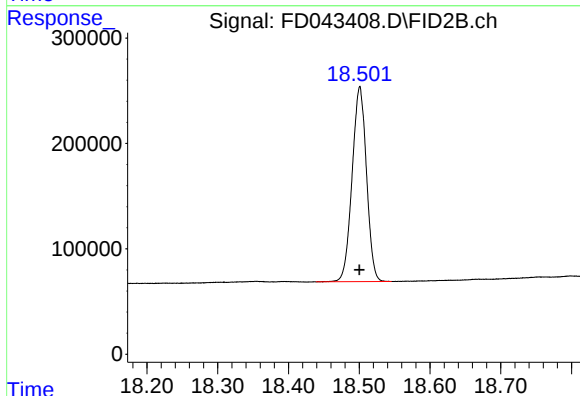
#17 n-Tricontane (C30)

R.T.: 17.671 min
Delta R.T.: 0.000 min
Response: 2555160
Conc: 18.10 ug/ml

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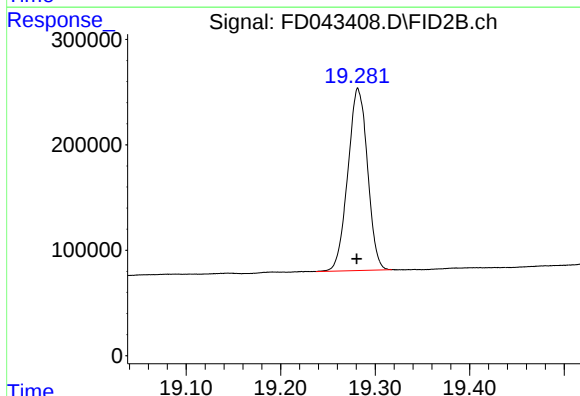
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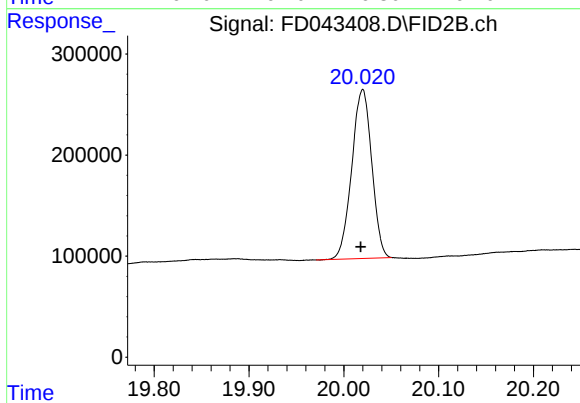
#18 n-Dotriacontane (C32)

R.T.: 18.501 min
Delta R.T.: 0.000 min
Response: 2609190
Conc: 18.87 ug/ml



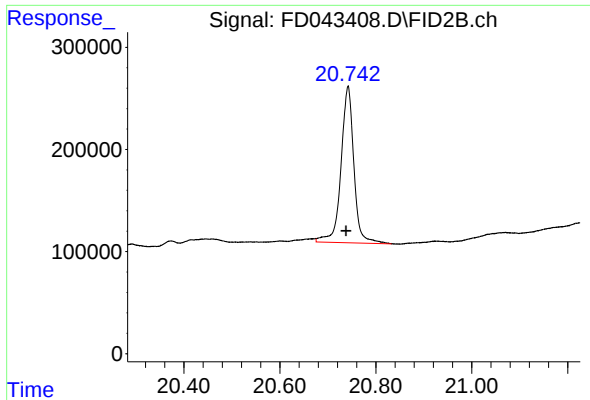
#19 n-Tetratriacontane (C34)

R.T.: 19.281 min
Delta R.T.: 0.000 min
Response: 2495009
Conc: 19.39 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.020 min
Delta R.T.: 0.002 min
Response: 2446547
Conc: 19.83 ug/ml



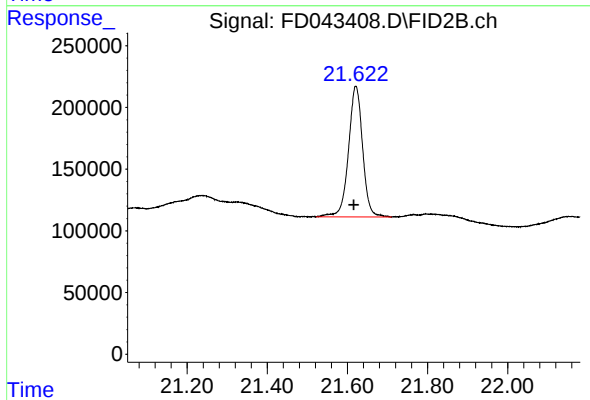
#21 n-Octatriacontane (C38)

R.T.: 20.742 min
Delta R.T.: 0.004 min
Response: 2846784
Conc: 24.07 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.621 min
Delta R.T.: 0.005 min
Response: 2594496
Conc: 22.95 ug/ml