

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102822AL\
 Data File : FD044318.D
 Signal(s) : FID2B.ch
 Acq On : 29 Oct 2022 04:19
 Operator : YP/AJ
 Sample : PB148610BS
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

PB148610BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/31/2022

Supervised By :Ankita Jodhani 10/31/2022

Integration File: autoint1.e

Quant Time: Oct 29 06:28:11 2022

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 100522.M

Quant Title : GC Extractables

QLast Update : Thu Oct 06 01:41:44 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)	11.294	6014628	38.211 ug/ml
Spiked Amount 50.000		Recovery =	76.42%
12) S 1-chlorooctadecane (S...	12.710	4998484	39.745 ug/ml
Spiked Amount 50.000		Recovery =	79.49%
Target Compounds			
1) T n-Nonane (C9)	3.152	5903183	43.719 ug/ml
2) T n-Decane (C10)	4.190	5910993	43.996 ug/ml
3) T A~Naphthalene (C11.7)	5.754	6090544	45.584 ug/mlm
4) T n-Dodecane (C12)	6.177	6254308	45.010 ug/ml
5) T A~2-methylnaphthalene...	6.799	5601960	43.083 ug/mlm
6) T n-Tetradecane (C14)	7.957	6326032	45.439 ug/ml
7) T n-Hexadecane (C16)	9.543	6321559	44.817 ug/ml
8) T n-Octadecane (C18)	10.972	6409845	44.082 ug/ml
10) T n-Eicosane (C20)	12.269	6152319	41.489 ug/ml
11) T n-Heneicosane (C21)	12.875	6054360	40.354 ug/ml
13) T n-Docosane (C22)	13.456	5936117	39.483 ug/ml
14) T n-Tetracosane (C24)	14.546	10700102	70.893 ug/ml
15) T n-Hexacosane (C26)	15.559	5407248	35.712 ug/ml
16) T n-Octacosane (C28)	16.496	5728747	38.025 ug/ml
17) T n-Tricontane (C30)	17.376	4922375	32.115 ug/ml
18) T n-Dotriacontane (C32)	18.196	4676313	30.493 ug/ml
19) T n-Tetratriacontane (C34)	18.970	4014674	27.270 ug/ml
20) T n-Hexatriacontane (C36)	19.700	3225249	21.998 ug/ml
21) T n-Octatriacontane (C38)	20.389	2631707	18.864 ug/ml
22) T n-Tetracontane (C40)	21.144	2225342	17.110 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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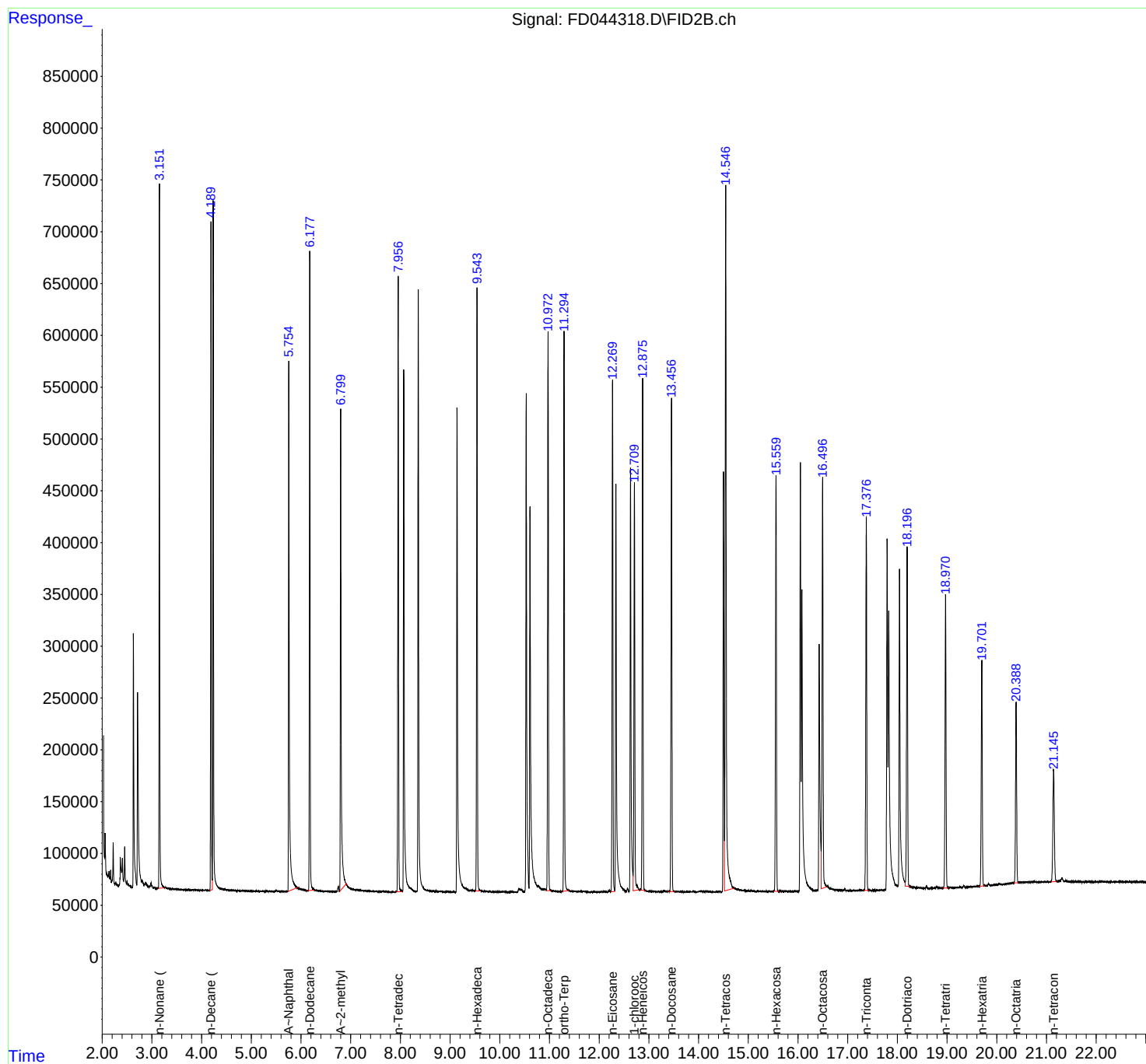
Instrument :
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PB148610BS

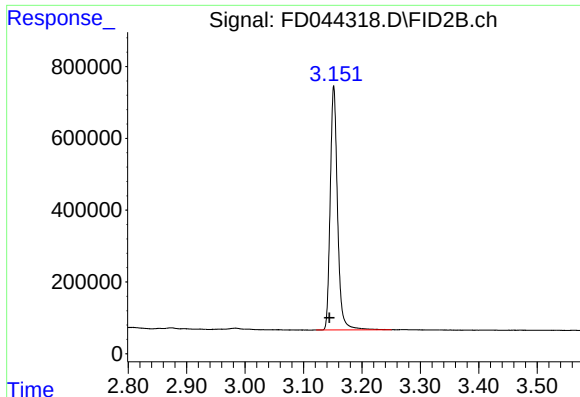
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Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.152 min
Delta R.T.: 0.008 min
Response: 5903183
Conc: 43.72 ug/ml

Instrument :

FID_D

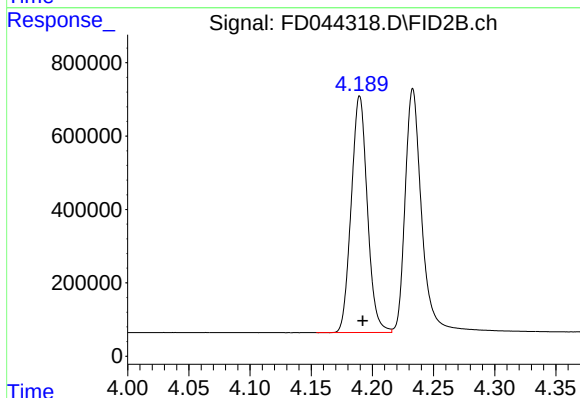
ClientSampleId :

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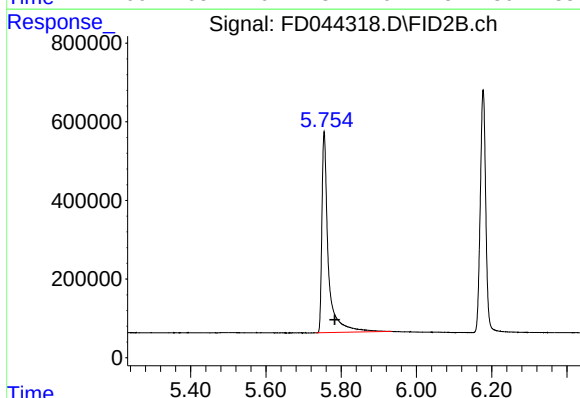
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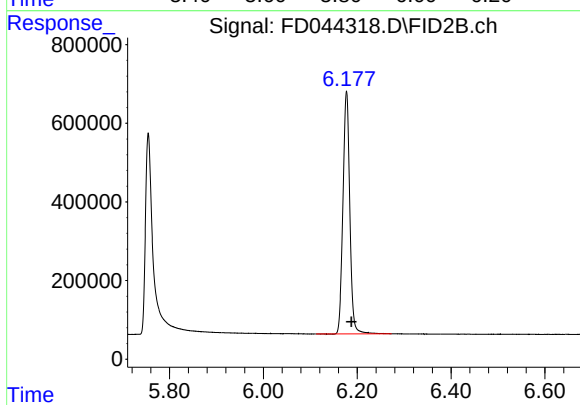
#2 n-Decane (C10)

R.T.: 4.190 min
Delta R.T.: -0.002 min
Response: 5910993
Conc: 44.00 ug/ml



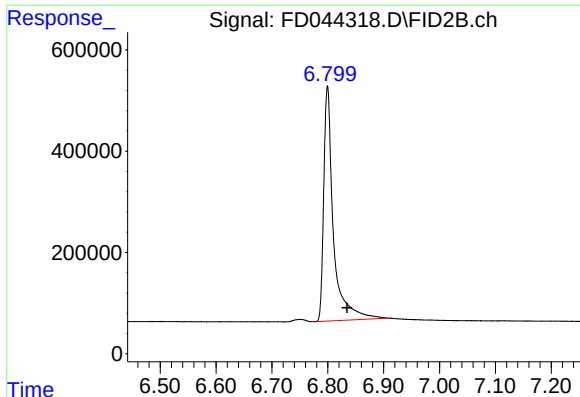
#3 A~Naphthalene (C11.7)

R.T.: 5.754 min
Delta R.T.: -0.028 min
Response: 6090544
Conc: 45.58 ug/ml m



#4 n-Dodecane (C12)

R.T.: 6.177 min
Delta R.T.: -0.011 min
Response: 6254308
Conc: 45.01 ug/ml



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

R.T.: 6.799 min
Delta R.T.: -0.035 min
Response: 5601960
Conc: 43.08 ug/ml

Instrument :

FID_D

ClientSampleId :

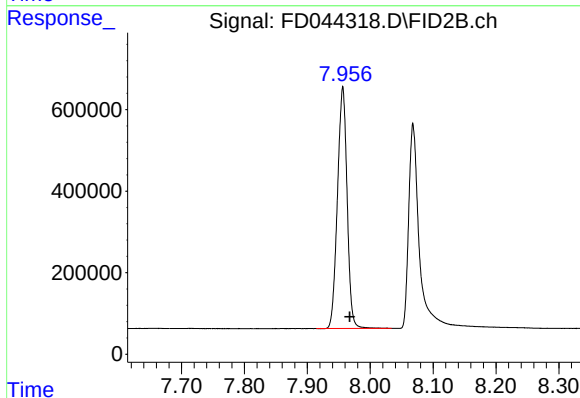
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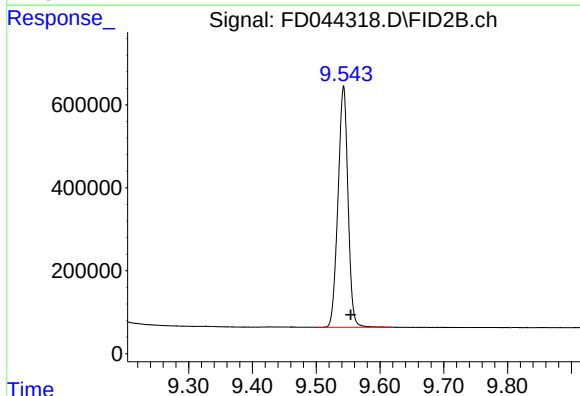
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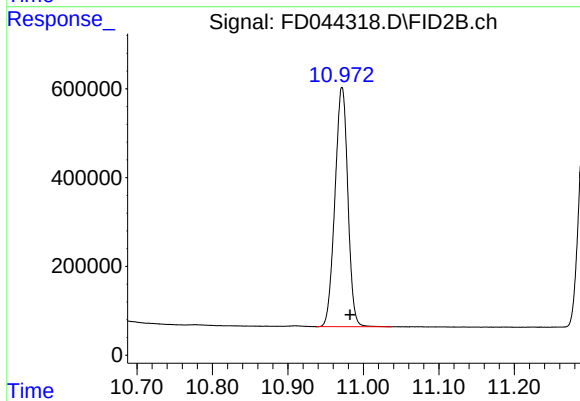
#6 n-Tetradecane (C14)

R.T.: 7.957 min
Delta R.T.: -0.011 min
Response: 6326032
Conc: 45.44 ug/ml



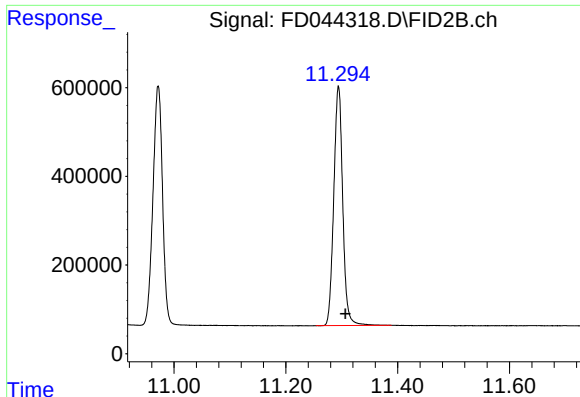
#7 n-Hexadecane (C16)

R.T.: 9.543 min
Delta R.T.: -0.011 min
Response: 6321559
Conc: 44.82 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.972 min
Delta R.T.: -0.011 min
Response: 6409845
Conc: 44.08 ug/ml



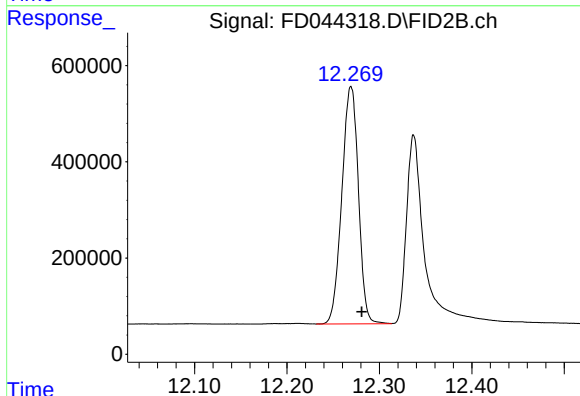
#9 ortho-Terphenyl (SURR)

R.T.: 11.294 min
Delta R.T.: -0.012 min
Response: 6014628
Conc: 38.21 ug/ml

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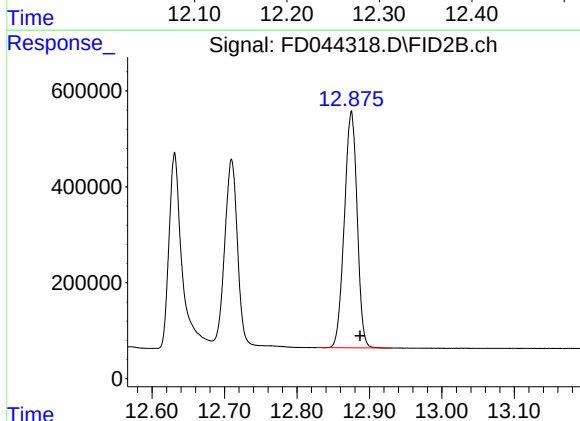
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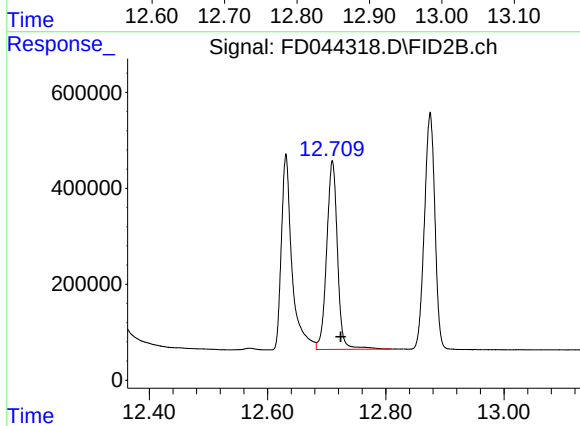
#10 n-Eicosane (C20)

R.T.: 12.269 min
Delta R.T.: -0.012 min
Response: 6152319
Conc: 41.49 ug/ml



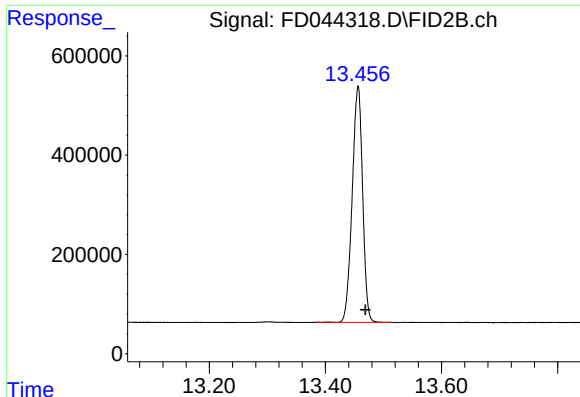
#11 n-Heneicosane (C21)

R.T.: 12.875 min
Delta R.T.: -0.012 min
Response: 6054360
Conc: 40.35 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.710 min
Delta R.T.: -0.014 min
Response: 4998484
Conc: 39.74 ug/ml



#13 n-Docosane (C22)

R.T.: 13.456 min
Delta R.T.: -0.012 min
Response: 5936117
Conc: 39.48 ug/ml

Instrument :

FID_D

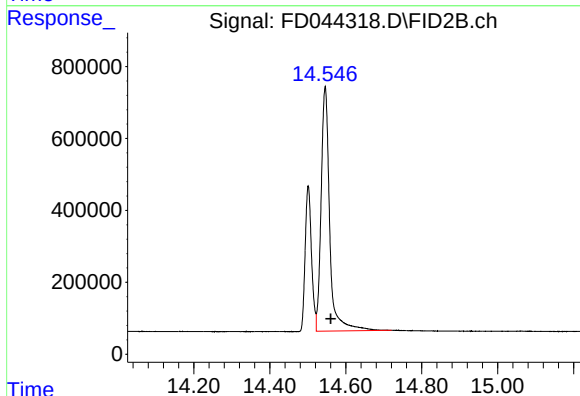
ClientSampleId :

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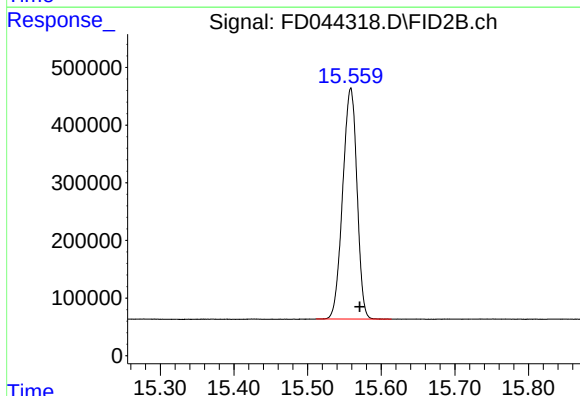
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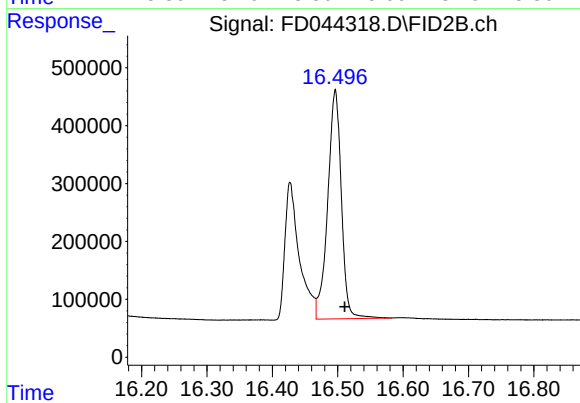
#14 n-Tetracosane (C24)

R.T.: 14.546 min
Delta R.T.: -0.015 min
Response: 10700102
Conc: 70.89 ug/ml



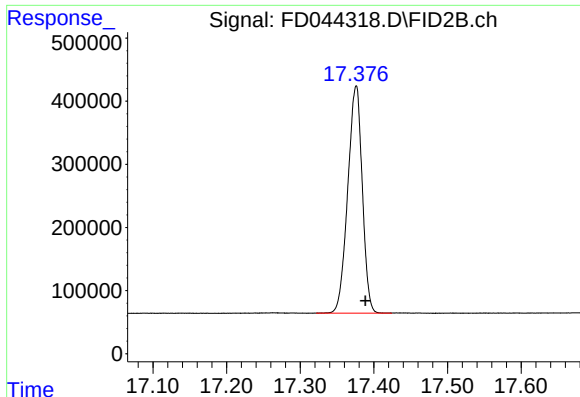
#15 n-Hexacosane (C26)

R.T.: 15.559 min
Delta R.T.: -0.012 min
Response: 5407248
Conc: 35.71 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.496 min
Delta R.T.: -0.014 min
Response: 5728747
Conc: 38.02 ug/ml



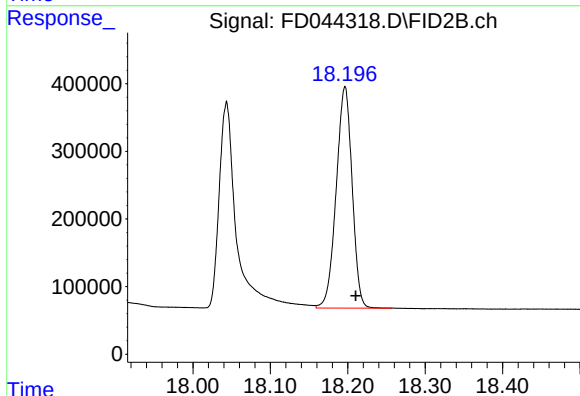
#17 n-Tricontane (C30)

R.T.: 17.376 min
Delta R.T.: -0.013 min
Response: 4922375
Conc: 32.12 ug/ml

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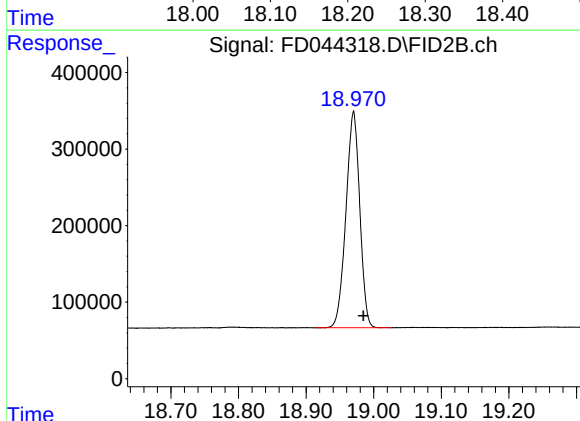
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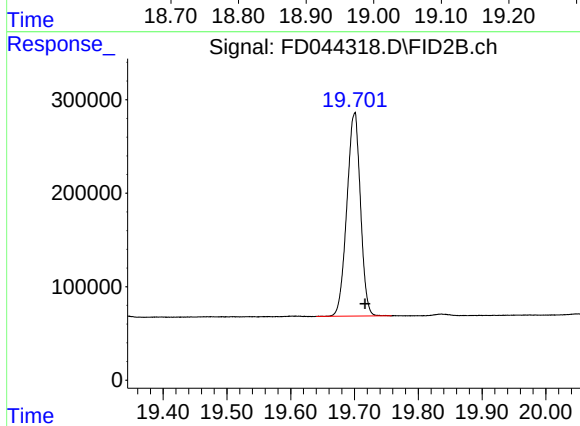
#18 n-Dotriacontane (C32)

R.T.: 18.196 min
Delta R.T.: -0.014 min
Response: 4676313
Conc: 30.49 ug/ml



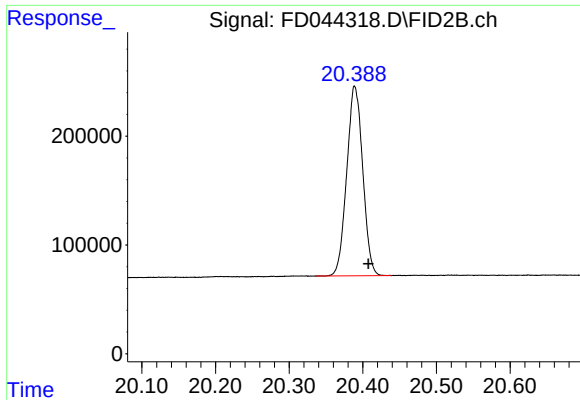
#19 n-Tetratriacontane (C34)

R.T.: 18.970 min
Delta R.T.: -0.014 min
Response: 4014674
Conc: 27.27 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.700 min
Delta R.T.: -0.016 min
Response: 3225249
Conc: 22.00 ug/ml



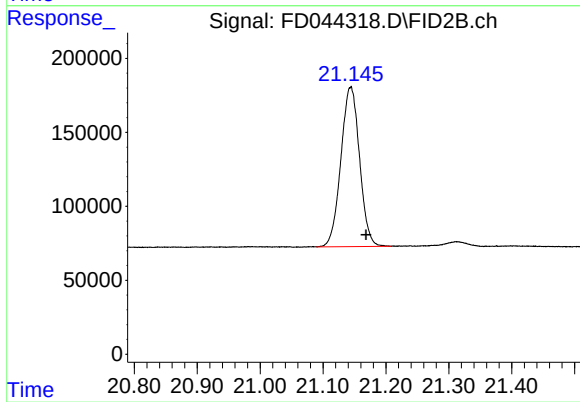
#21 n-Octatriacontane (C38)

R.T.: 20.389 min
Delta R.T.: -0.019 min
Response: 2631707
Conc: 18.86 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.144 min
Delta R.T.: -0.024 min
Response: 2225342
Conc: 17.11 ug/ml