

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102822AL\
 Data File : FD044327.D
 Signal(s) : FID2B.ch
 Acq On : 29 Oct 2022 10:08
 Operator : YP/AJ
 Sample : N5318-06MSD
 Misc :
 ALS Vial : 78 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20221115-COMP-14MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/31/2022
 Supervised By :Ankita Jodhani 10/31/2022

Integration File: autoint1.e
 Quant Time: Oct 30 01:09:32 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)	11.293	5784624	36.750 ug/ml
Spiked Amount 50.000		Recovery =	73.50%
12) S 1-chlorooctadecane (S...	12.708	4553958	36.210 ug/ml
Spiked Amount 50.000		Recovery =	72.42%
Target Compounds			
1) T n-Nonane (C9)	3.150	6079843	45.027 ug/ml
2) T n-Decane (C10)	4.189	6235880	46.414 ug/ml
3) T A~Naphthalene (C11.7)	5.754	6453194	48.298 ug/mlm
4) T n-Dodecane (C12)	6.178	6626342	47.687 ug/ml
5) T A~2-methylnaphthalene...	6.798	6223531	47.863 ug/mlm
6) T n-Tetradecane (C14)	7.956	6683622	48.007 ug/ml
7) T n-Hexadecane (C16)	9.542	7141682	50.632 ug/ml
8) T n-Octadecane (C18)	10.971	6792098	46.710 ug/ml
10) T n-Eicosane (C20)	12.269	6548554	44.161 ug/ml
11) T n-Heneicosane (C21)	12.874	6453386	43.014 ug/ml
13) T n-Docosane (C22)	13.455	6370613	42.373 ug/ml
14) T n-Tetracosane (C24)	14.544	11264706	74.633 ug/ml
15) T n-Hexacosane (C26)	15.559	5789617	38.238 ug/ml
16) T n-Octacosane (C28)	16.495	6109068	40.549 ug/ml
17) T n-Tricontane (C30)	17.374	5213066	34.012 ug/ml
18) T n-Dotriacontane (C32)	18.195	5150397	33.585 ug/ml
19) T n-Tetratriacontane (C34)	18.970	5024763	34.132 ug/ml
20) T n-Hexatriacontane (C36)	19.699	4833931	32.970 ug/ml
21) T n-Octatriacontane (C38)	20.392	4776920	34.241 ug/ml
22) T n-Tetracontane (C40)	21.147	4745886	36.490 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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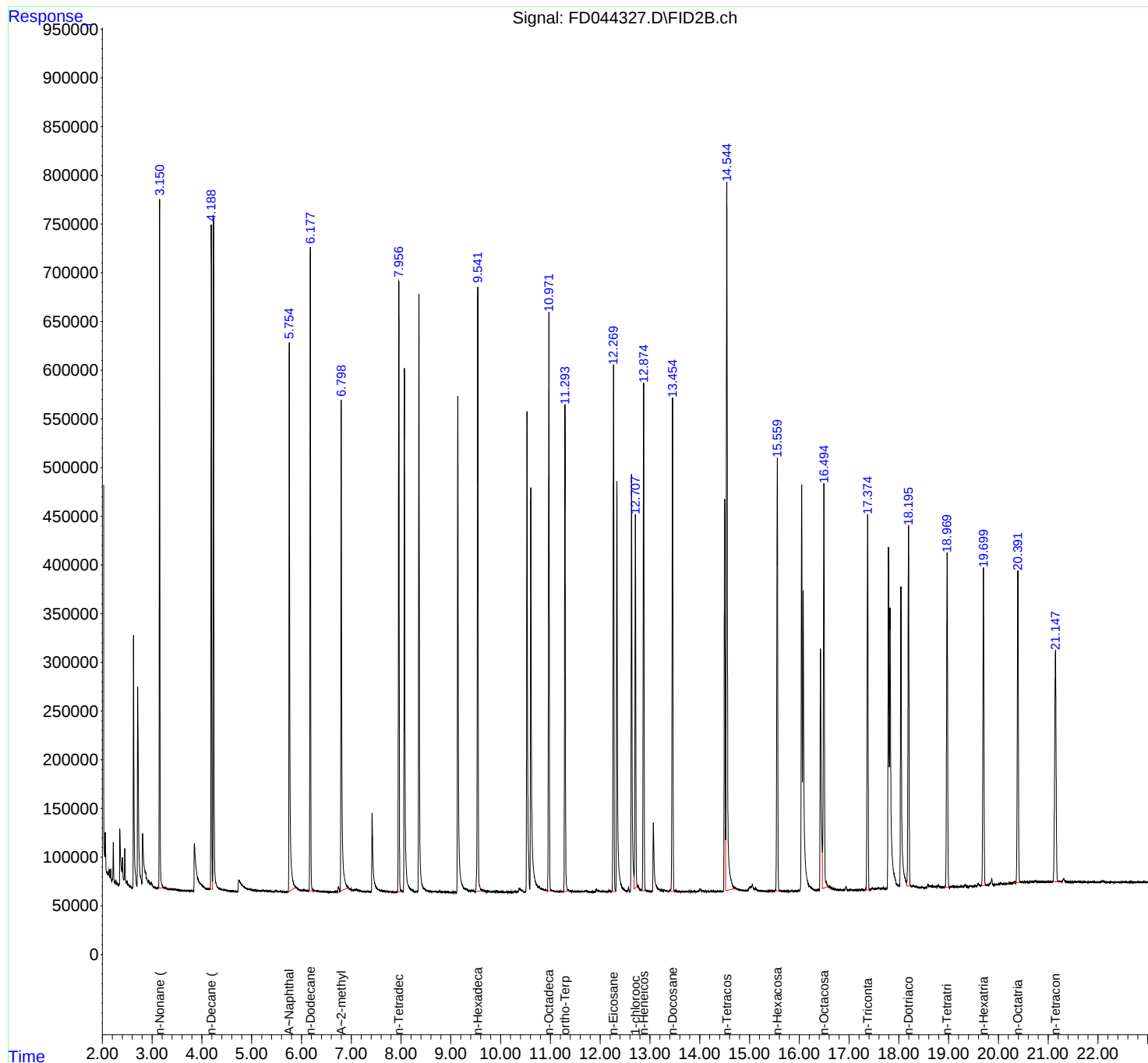
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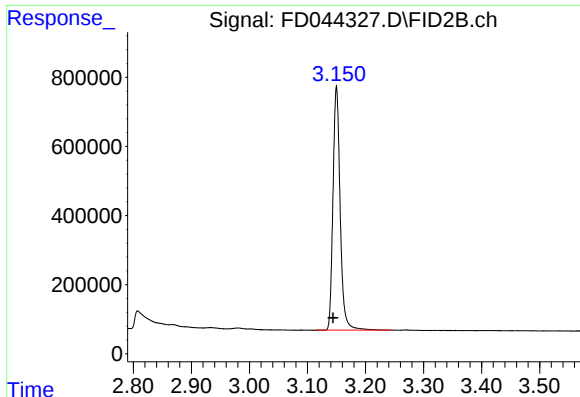
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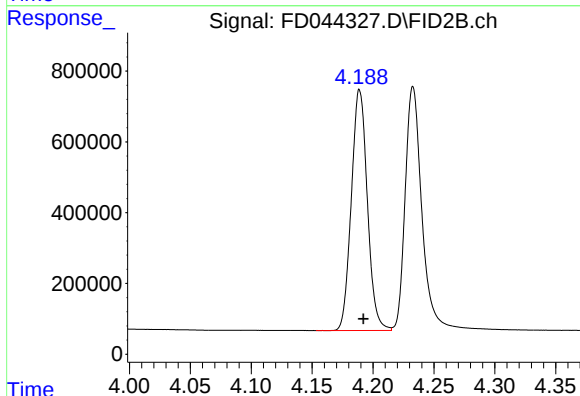
#1 n-Nonane (C9)

R.T.: 3.150 min
Delta R.T.: 0.006 min
Response: 6079843
Conc: 45.03 ug/ml

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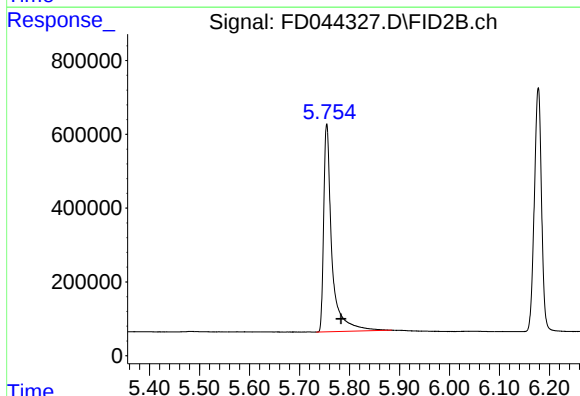
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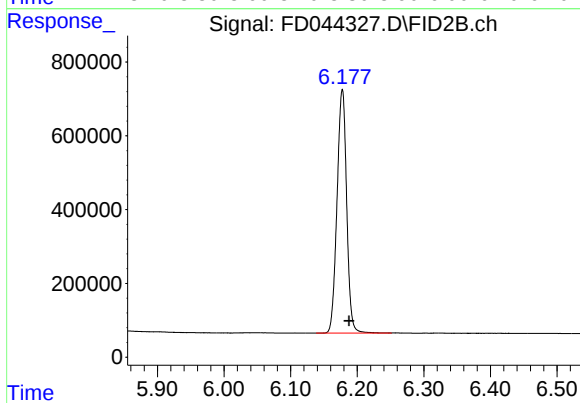
#2 n-Decane (C10)

R.T.: 4.189 min
Delta R.T.: -0.003 min
Response: 6235880
Conc: 46.41 ug/ml



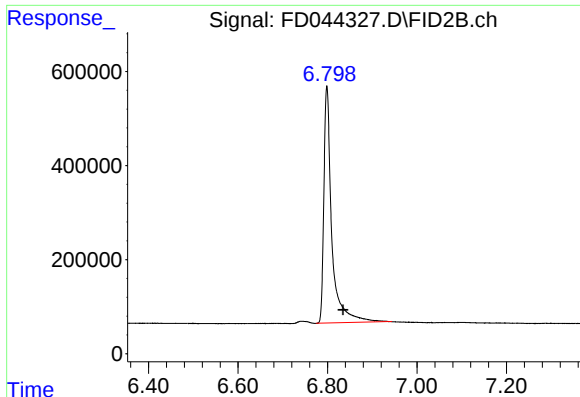
#3 A~Naphthalene (C11.7)

R.T.: 5.754 min
Delta R.T.: -0.028 min
Response: 6453194
Conc: 48.30 ug/ml m



#4 n-Dodecane (C12)

R.T.: 6.178 min
Delta R.T.: -0.010 min
Response: 6626342
Conc: 47.69 ug/ml



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

R.T.: 6.798 min
Delta R.T.: -0.036 min
Response: 6223531
Conc: 47.86 ug/ml

Instrument :

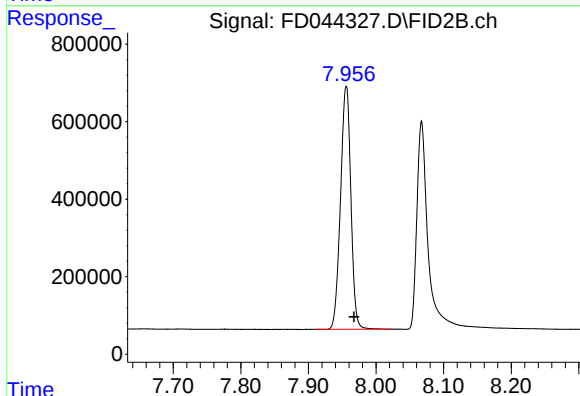
FID_D

ClientSampleId :

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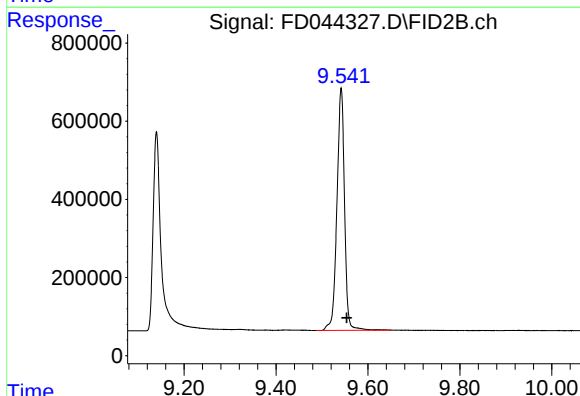
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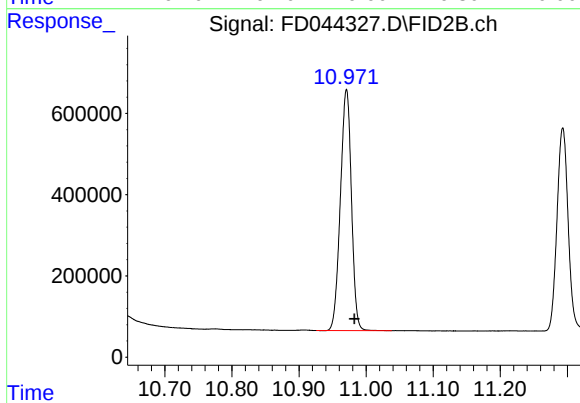
#6 n-Tetradecane (C14)

R.T.: 7.956 min
Delta R.T.: -0.011 min
Response: 6683622
Conc: 48.01 ug/ml



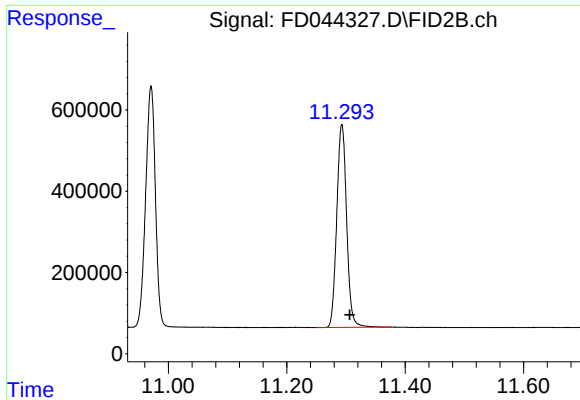
#7 n-Hexadecane (C16)

R.T.: 9.542 min
Delta R.T.: -0.012 min
Response: 7141682
Conc: 50.63 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.971 min
Delta R.T.: -0.012 min
Response: 6792098
Conc: 46.71 ug/ml



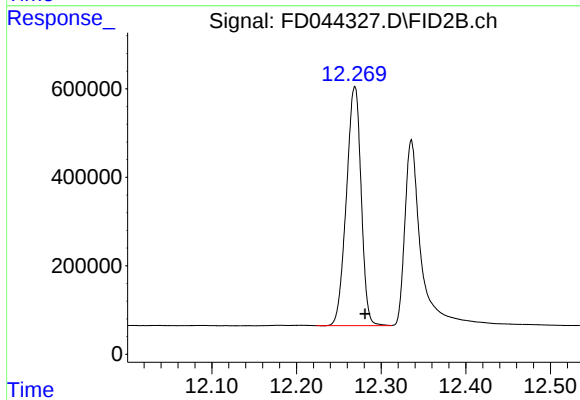
#9 ortho-Terphenyl (SURR)

R.T.: 11.293 min
Delta R.T.: -0.014 min
Response: 5784624
Conc: 36.75 ug/ml

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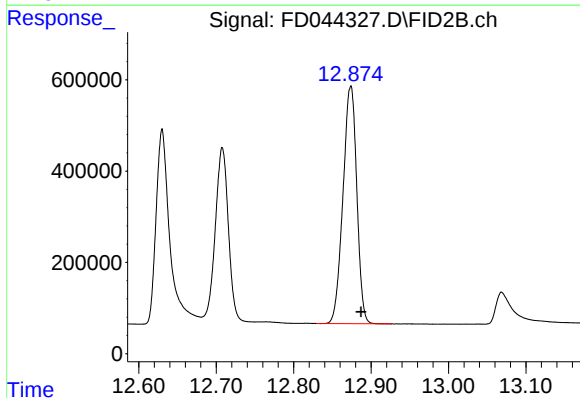
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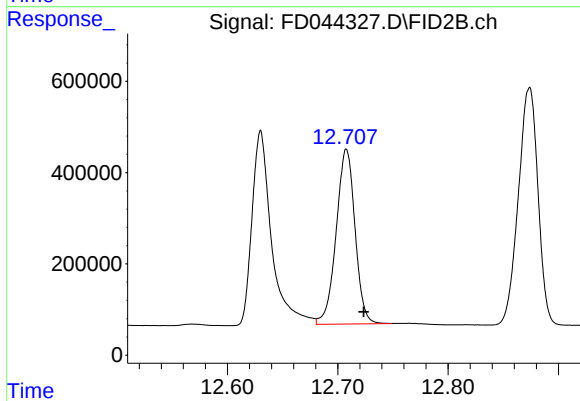
#10 n-Eicosane (C20)

R.T.: 12.269 min
Delta R.T.: -0.012 min
Response: 6548554
Conc: 44.16 ug/ml



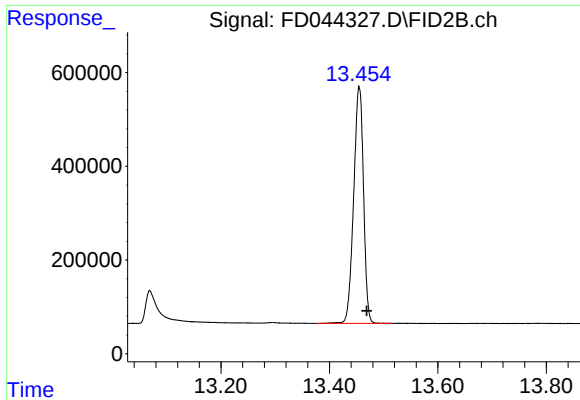
#11 n-Heneicosane (C21)

R.T.: 12.874 min
Delta R.T.: -0.013 min
Response: 6453386
Conc: 43.01 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.708 min
Delta R.T.: -0.016 min
Response: 4553958
Conc: 36.21 ug/ml



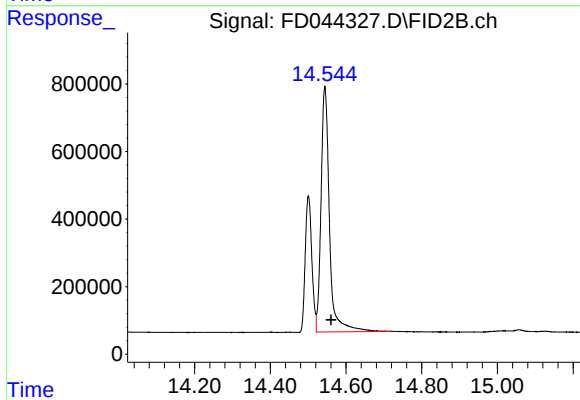
#13 n-Docosane (C22)

R.T.: 13.455 min
Delta R.T.: -0.014 min
Response: 6370613
Conc: 42.37 ug/ml

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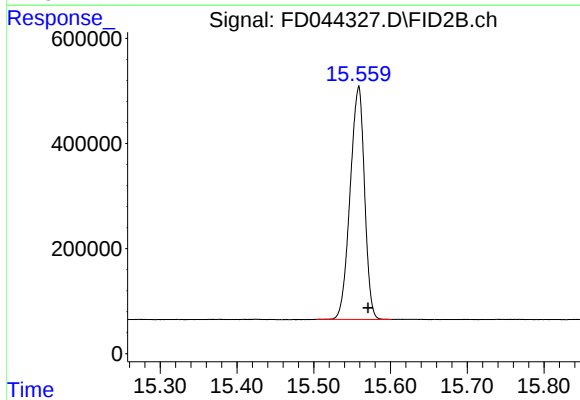
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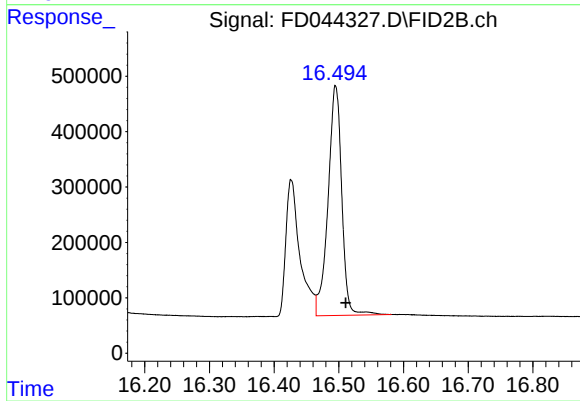
#14 n-Tetracosane (C24)

R.T.: 14.544 min
Delta R.T.: -0.017 min
Response: 11264706
Conc: 74.63 ug/ml



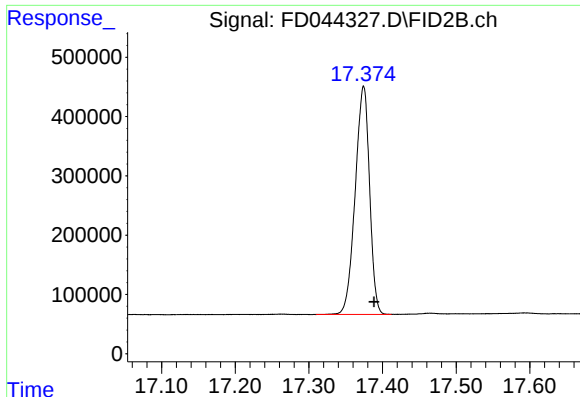
#15 n-Hexacosane (C26)

R.T.: 15.559 min
Delta R.T.: -0.012 min
Response: 5789617
Conc: 38.24 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.495 min
Delta R.T.: -0.016 min
Response: 6109068
Conc: 40.55 ug/ml



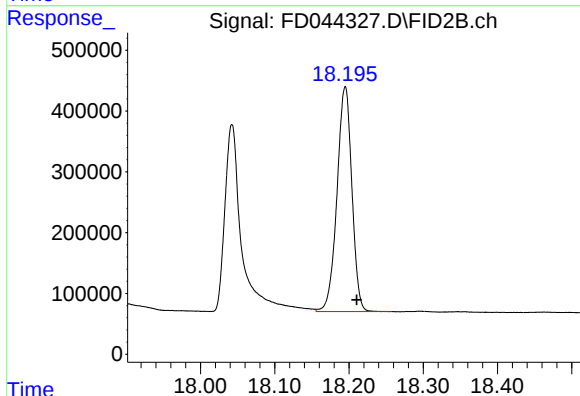
#17 n-Tricontane (C30)

R.T.: 17.374 min
Delta R.T.: -0.014 min
Response: 5213066
Conc: 34.01 ug/ml

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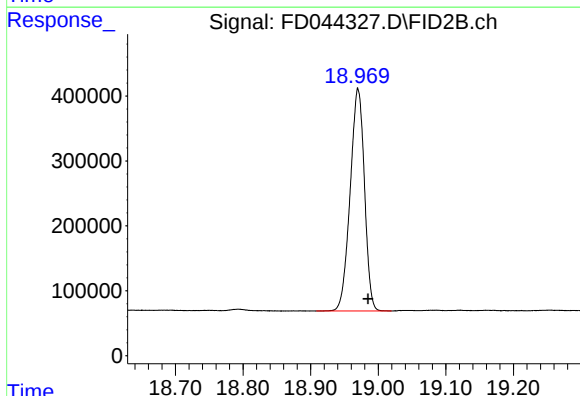
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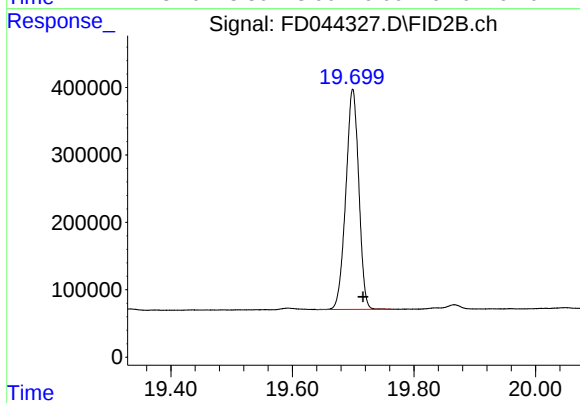
#18 n-Dotriacontane (C32)

R.T.: 18.195 min
Delta R.T.: -0.015 min
Response: 5150397
Conc: 33.58 ug/ml



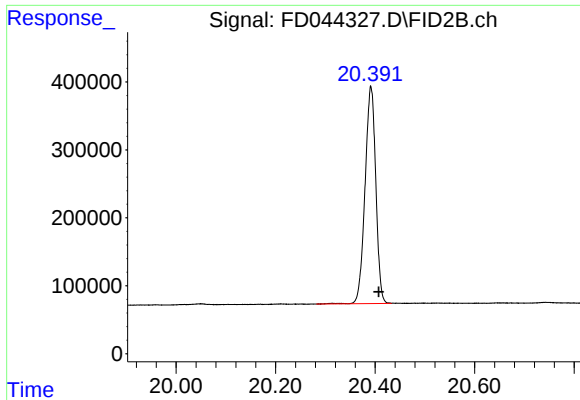
#19 n-Tetratriacontane (C34)

R.T.: 18.970 min
Delta R.T.: -0.015 min
Response: 5024763
Conc: 34.13 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.699 min
Delta R.T.: -0.017 min
Response: 4833931
Conc: 32.97 ug/ml



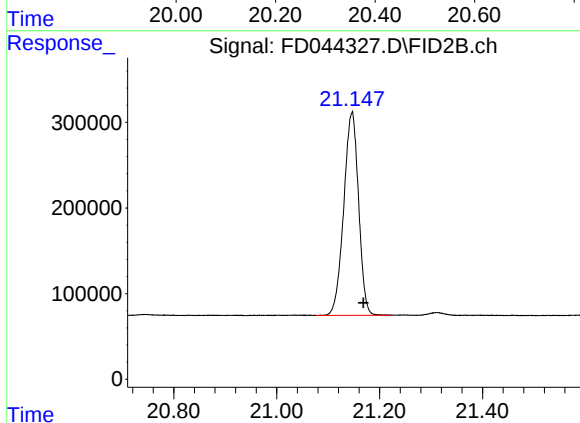
#21 n-Octatriacontane (C38)

R.T.: 20.392 min
Delta R.T.: -0.016 min
Response: 4776920
Conc: 34.24 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.147 min
Delta R.T.: -0.022 min
Response: 4745886
Conc: 36.49 ug/ml