

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102822AL\
 Data File : FD044326.D
 Signal(s) : FID2B.ch
 Acq On : 29 Oct 2022 09:28
 Operator : YP/AJ
 Sample : N5318-06MS
 Misc :
 ALS Vial : 77 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20221115-COMP-14MS

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 01:09:24 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	5838528	37.092 ug/ml
Spiked Amount 50.000		Recovery =	74.18%
12) S 1-chlorooctadecane (S...	12.709	4576442	36.389 ug/ml
Spiked Amount 50.000		Recovery =	72.78%
Target Compounds			
1) T n-Nonane (C9)	3.151	6192847	45.864 ug/ml
2) T n-Decane (C10)	4.190	6345949	47.233 ug/ml
3) T A~Naphthalene (C11.7)	5.754	6557625	49.080 ug/mlm
4) T n-Dodecane (C12)	6.178	6738998	48.498 ug/ml
5) T A~2-methylnaphthalene...	6.798	6191363	47.616 ug/mlm
6) T n-Tetradecane (C14)	7.956	6788155	48.758 ug/ml
7) T n-Hexadecane (C16)	9.543	7197069	51.024 ug/ml
8) T n-Octadecane (C18)	10.972	6875994	47.287 ug/ml
10) T n-Eicosane (C20)	12.269	6587139	44.422 ug/ml
11) T n-Heneicosane (C21)	12.875	6483540	43.215 ug/ml
13) T n-Docosane (C22)	13.455	6390559	42.506 ug/ml
14) T n-Tetracosane (C24)	14.545	11328909	75.059 ug/ml
15) T n-Hexacosane (C26)	15.557	5783237	38.195 ug/ml
16) T n-Octacosane (C28)	16.496	6084448	40.386 ug/ml
17) T n-Tricontane (C30)	17.375	5223737	34.081 ug/ml
18) T n-Dotriacontane (C32)	18.196	5192619	33.860 ug/ml
19) T n-Tetratriacontane (C34)	18.970	5055268	34.339 ug/ml
20) T n-Hexatriacontane (C36)	19.700	4875234	33.252 ug/ml
21) T n-Octatriacontane (C38)	20.392	4793868	34.363 ug/ml
22) T n-Tetracontane (C40)	21.147	4775255	36.716 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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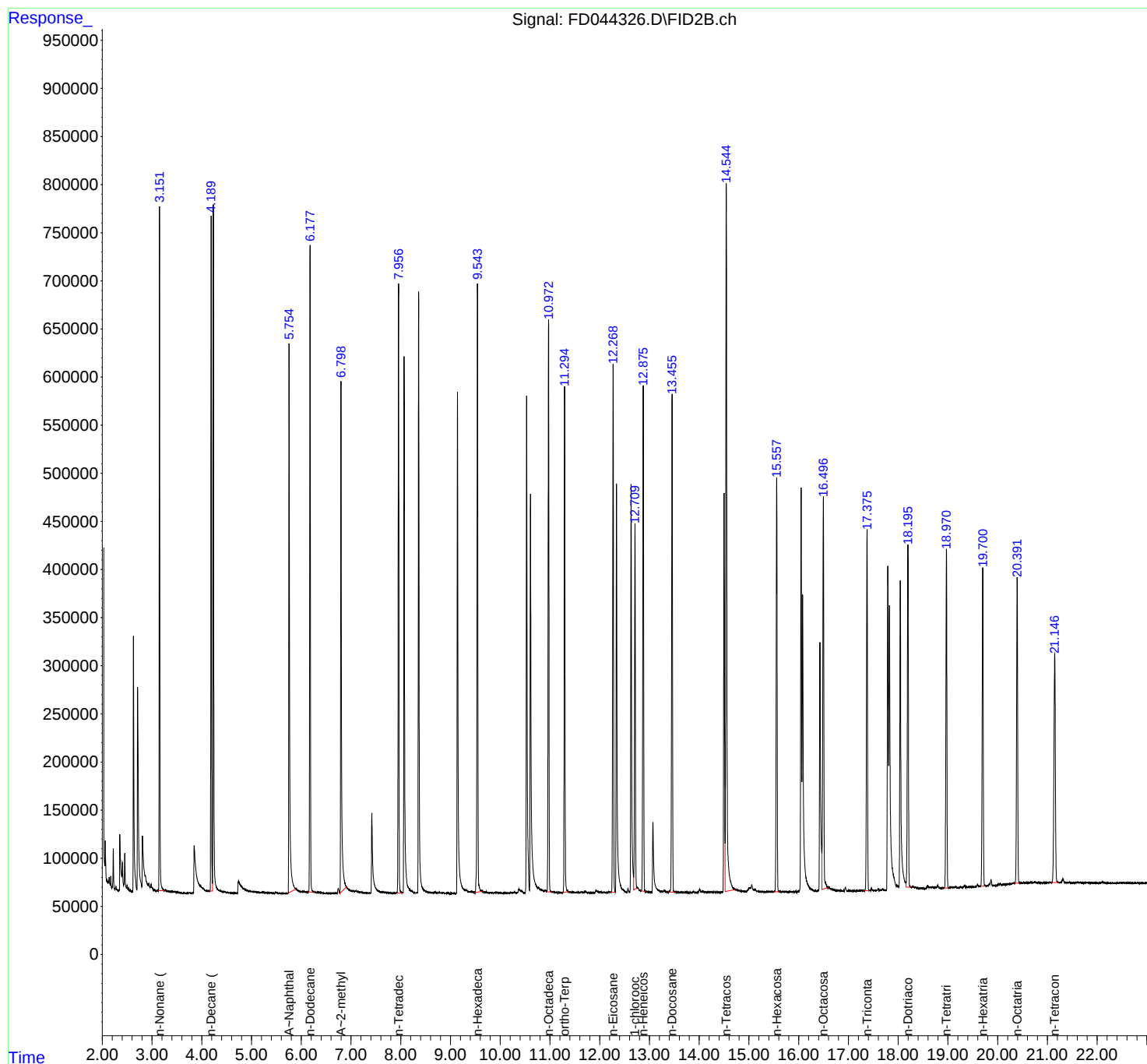
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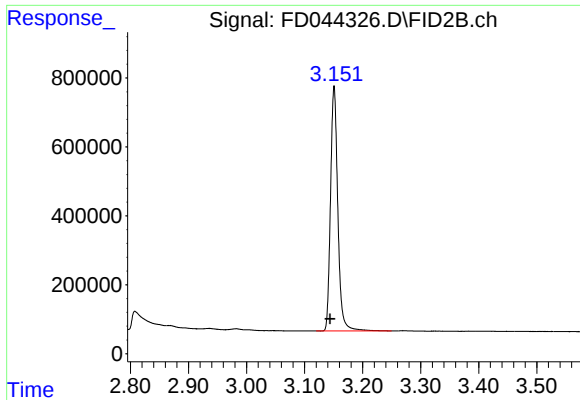
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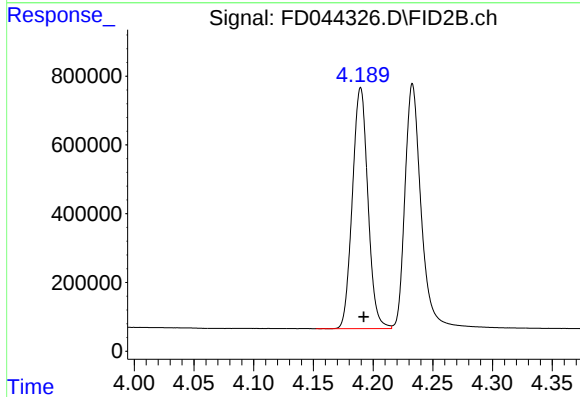
#1 n-Nonane (C9)

R.T.: 3.151 min
Delta R.T.: 0.007 min
Response: 6192847
Conc: 45.86 ug/ml

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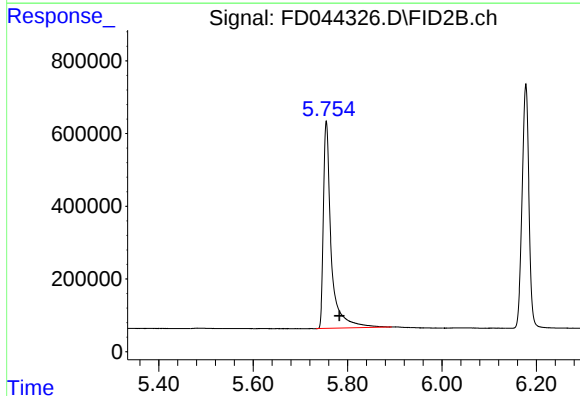
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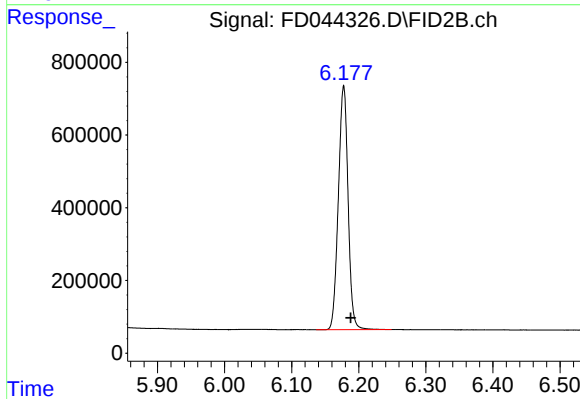
#2 n-Decane (C10)

R.T.: 4.190 min
Delta R.T.: -0.003 min
Response: 6345949
Conc: 47.23 ug/ml



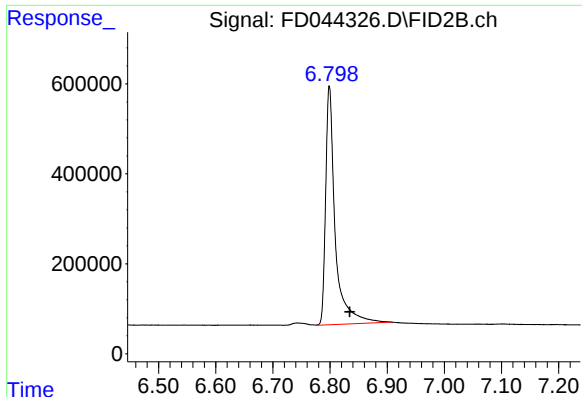
#3 A~Naphthalene (C11.7)

R.T.: 5.754 min
Delta R.T.: -0.028 min
Response: 6557625
Conc: 49.08 ug/ml m



#4 n-Dodecane (C12)

R.T.: 6.178 min
Delta R.T.: -0.010 min
Response: 6738998
Conc: 48.50 ug/ml



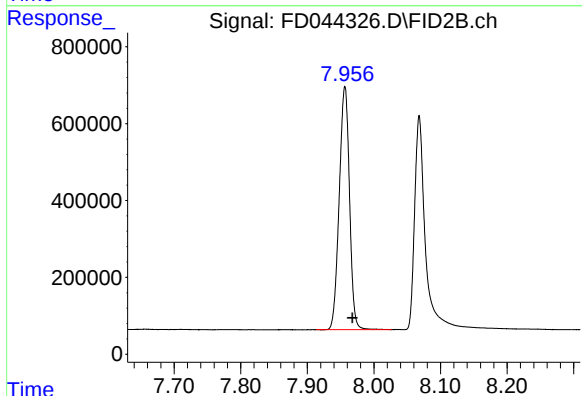
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.798 min
Delta R.T.: -0.037 min
Response: 6191363
Conc: 47.62 ug/ml

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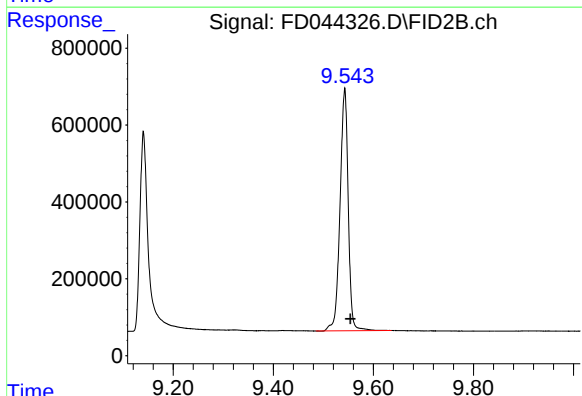
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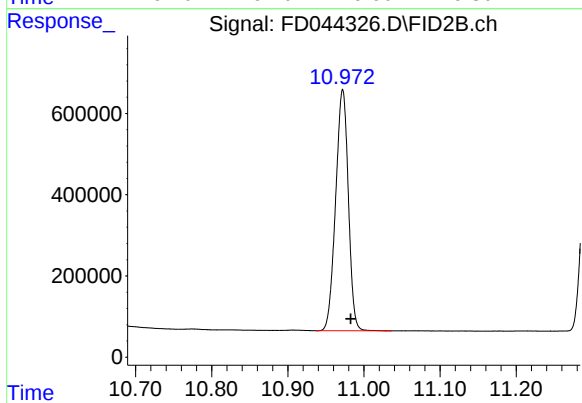
#6 n-Tetradecane (C14)

R.T.: 7.956 min
Delta R.T.: -0.011 min
Response: 6788155
Conc: 48.76 ug/ml



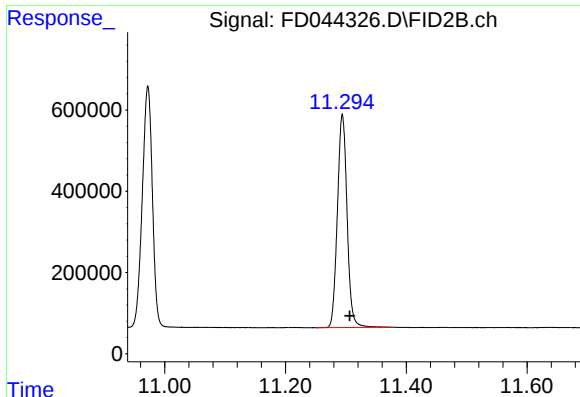
#7 n-Hexadecane (C16)

R.T.: 9.543 min
Delta R.T.: -0.011 min
Response: 7197069
Conc: 51.02 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.972 min
Delta R.T.: -0.010 min
Response: 6875994
Conc: 47.29 ug/ml



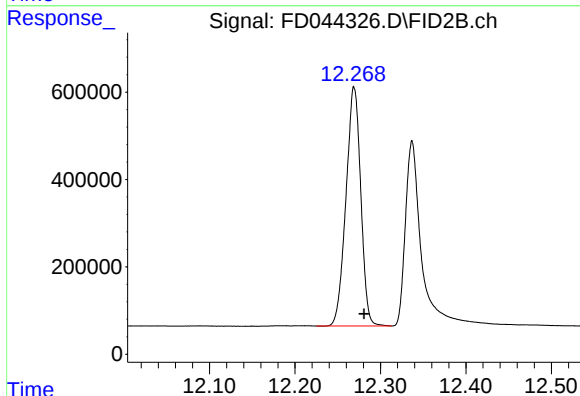
#9 ortho-Terphenyl (SURR)

R.T.: 11.294 min
Delta R.T.: -0.013 min
Response: 5838528
Conc: 37.09 ug/ml

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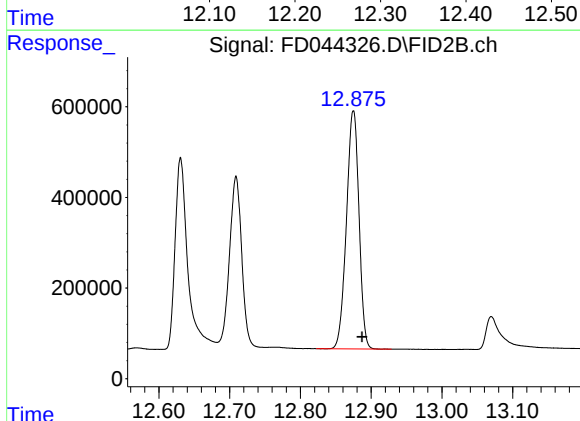
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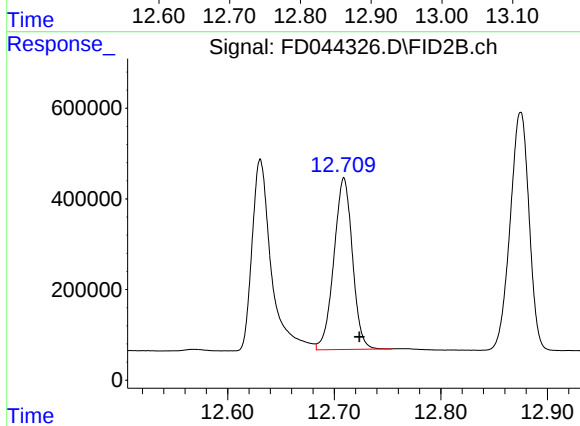
#10 n-Eicosane (C20)

R.T.: 12.269 min
Delta R.T.: -0.012 min
Response: 6587139
Conc: 44.42 ug/ml



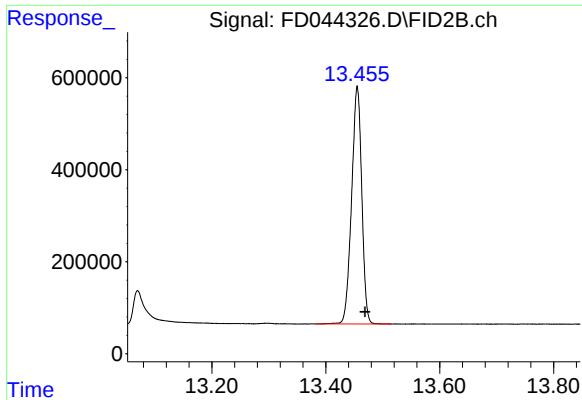
#11 n-Heneicosane (C21)

R.T.: 12.875 min
Delta R.T.: -0.012 min
Response: 6483540
Conc: 43.21 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.709 min
Delta R.T.: -0.015 min
Response: 4576442
Conc: 36.39 ug/ml



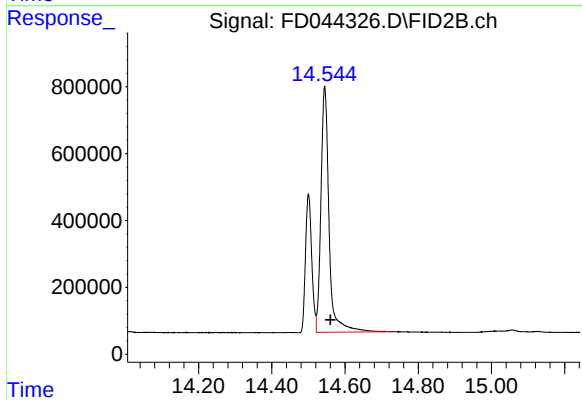
#13 n-Docosane (C22)

R.T.: 13.455 min
Delta R.T.: -0.013 min
Response: 6390559
Conc: 42.51 ug/ml

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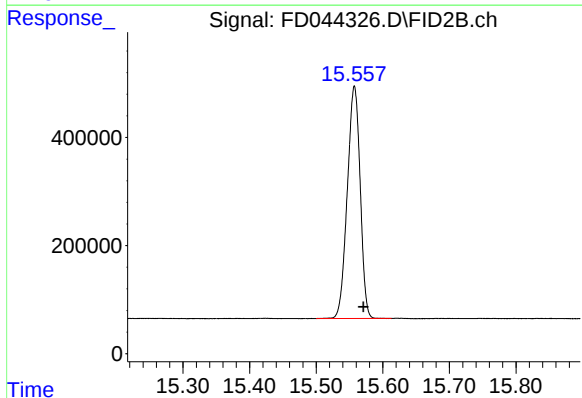
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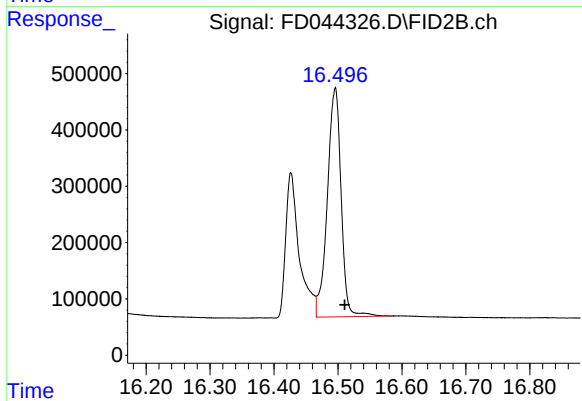
#14 n-Tetracosane (C24)

R.T.: 14.545 min
Delta R.T.: -0.016 min
Response: 11328909
Conc: 75.06 ug/ml



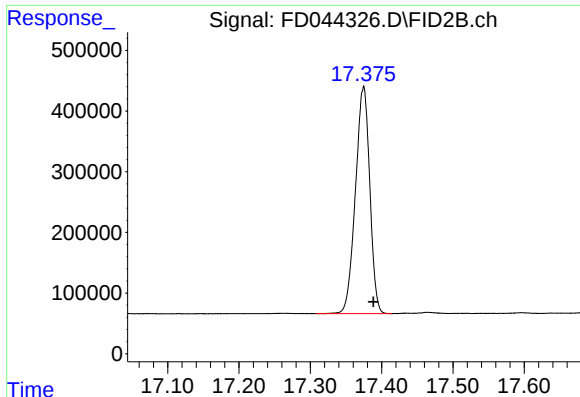
#15 n-Hexacosane (C26)

R.T.: 15.557 min
Delta R.T.: -0.013 min
Response: 5783237
Conc: 38.20 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.496 min
Delta R.T.: -0.015 min
Response: 6084448
Conc: 40.39 ug/ml



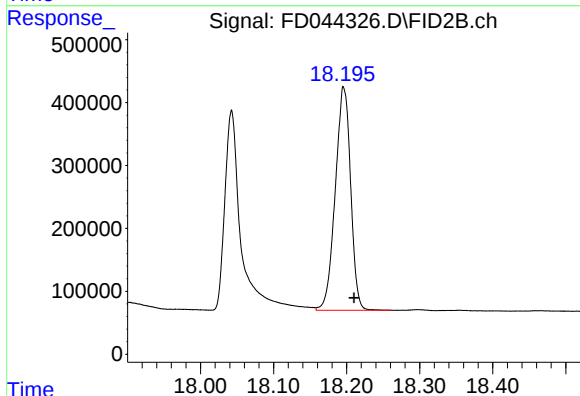
#17 n-Tricontane (C30)

R.T.: 17.375 min
Delta R.T.: -0.014 min
Response: 5223737
Conc: 34.08 ug/ml

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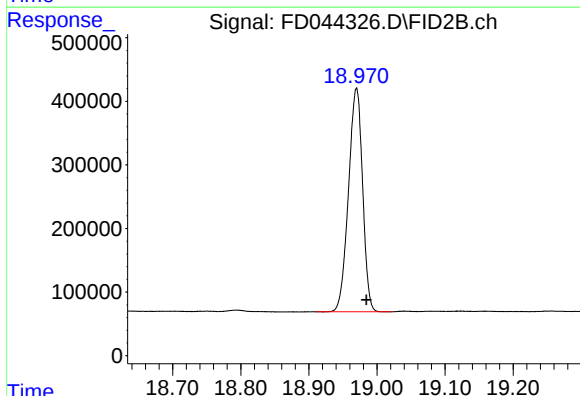
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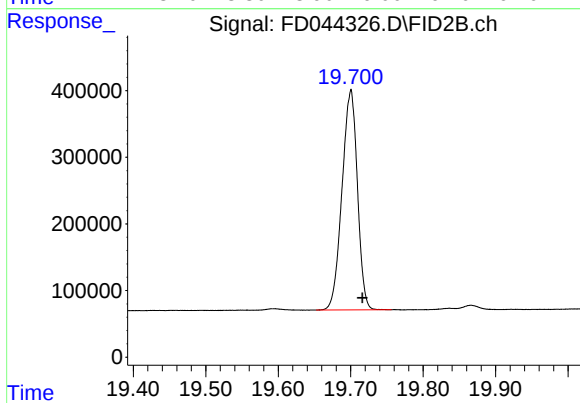
#18 n-Dotriacontane (C32)

R.T.: 18.196 min
Delta R.T.: -0.015 min
Response: 5192619
Conc: 33.86 ug/ml



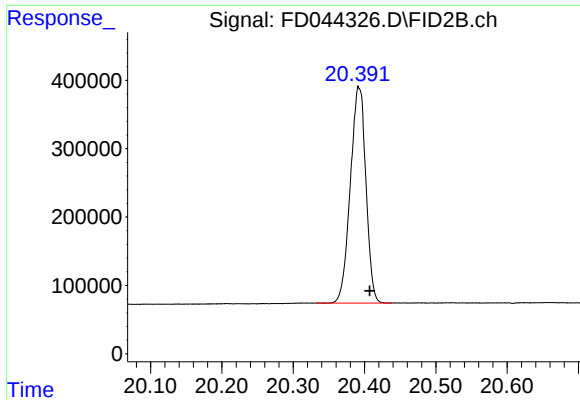
#19 n-Tetratriacontane (C34)

R.T.: 18.970 min
Delta R.T.: -0.015 min
Response: 5055268
Conc: 34.34 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.700 min
Delta R.T.: -0.016 min
Response: 4875234
Conc: 33.25 ug/ml



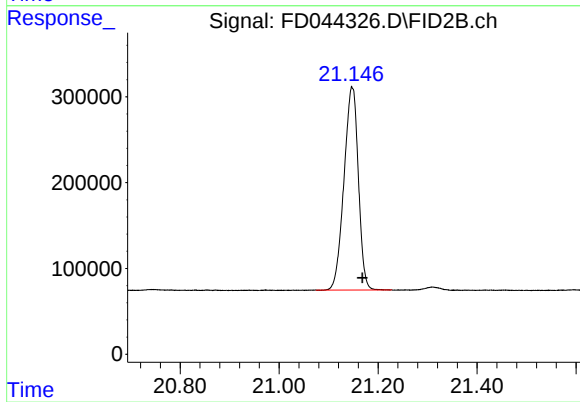
#21 n-Octatriacontane (C38)

R.T.: 20.392 min
Delta R.T.: -0.015 min
Response: 4793868
Conc: 34.36 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.147 min
Delta R.T.: -0.021 min
Response: 4775255
Conc: 36.72 ug/ml