

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE092322AL\
 Data File : FE037752.D
 Signal(s) : FID1B.ch
 Acq On : 23 Sep 2022 12:08
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/26/2022
 Supervised By :Ankita Jodhani 09/26/2022

Integration File: autoint1.e
 Quant Time: Sep 24 17:18:30 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 082922.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 30 06:54:11 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)	11.624	3407282	20.162 ug/ml
Spiked Amount 50.000		Recovery =	40.32%
12) S 1-chlorooctadecane (S...	13.048	2594032	20.156 ug/ml
Spiked Amount 50.000		Recovery =	40.31%
Target Compounds			
1) T n-Nonane (C9)	3.015	3250466	21.244 ug/mlm
2) T n-Decane (C10)	4.274	3296905	21.384 ug/ml
3) T A~Naphthalene (C11.7)	5.991	3240966	22.496 ug/ml
4) T n-Dodecane (C12)	6.447	3362364	21.263 ug/ml
5) T A~2-methylnaphthalene...	7.084	3140832	22.497 ug/ml
6) T n-Tetradecane (C14)	9.867	3355441	21.176 ug/ml
7) T n-Hexadecane (C16)	9.867	3355441	21.176 ug/ml
8) T n-Octadecane (C18)	11.301	3314607	20.815 ug/ml
10) T n-Eicosane (C20)	12.604	3207999	20.275 ug/ml
11) T n-Heneicosane (C21)	13.213	3161434	20.048 ug/ml
13) T n-Docosane (C22)	13.796	3102553	19.930 ug/ml
14) T n-Tetracosane (C24)	14.893	3013879	20.039 ug/ml
15) T n-Hexacosane (C26)	15.909	2938821	20.295 ug/ml
16) T n-Octacosane (C28)	16.854	2908544	20.995 ug/ml
17) T n-Tricontane (C30)	17.739	2978916	21.899 ug/ml
18) T n-Dotriacontane (C32)	18.568	2945175	22.056 ug/ml
19) T n-Tetratriacontane (C34)	19.344	2898205	22.906 ug/mlm
20) T n-Hexatriacontane (C36)	20.084	2819793	21.924 ug/ml
21) T n-Octatriacontane (C38)	20.781	2710921	21.782 ug/mlm
22) T n-Tetracontane (C40)	21.559	2626952	20.377 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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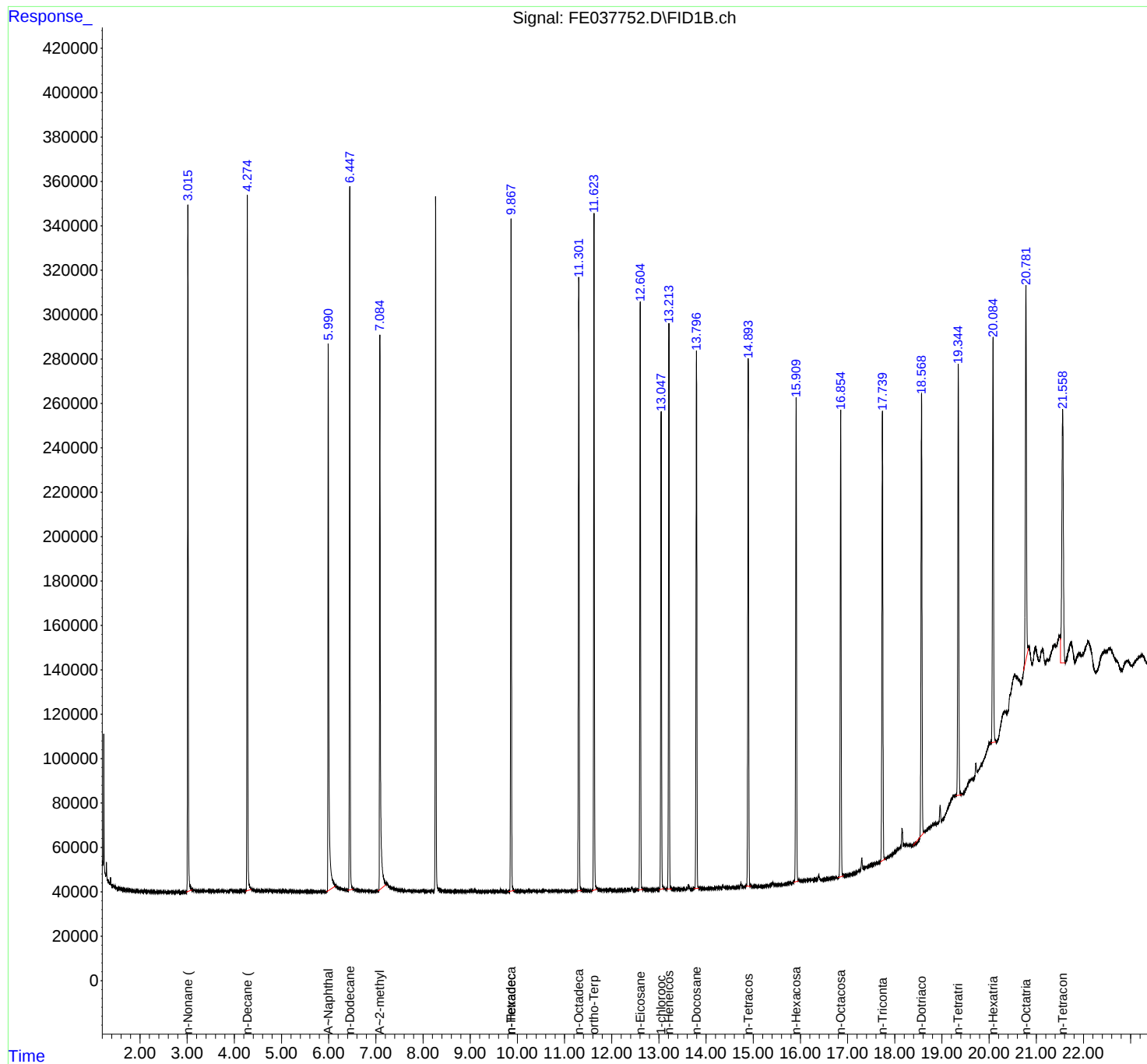
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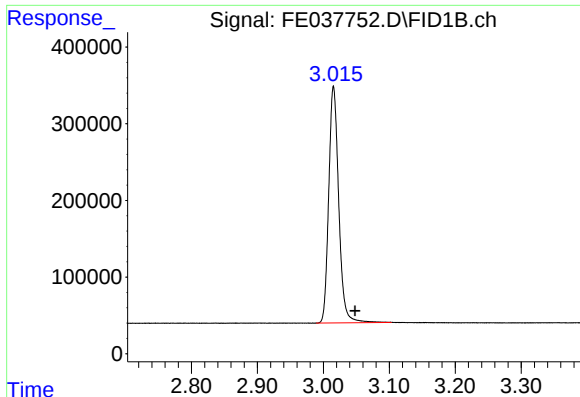
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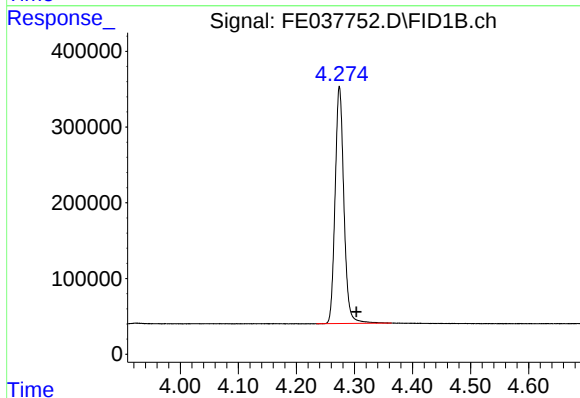
#1 n-Nonane (C9)

R.T.: 3.015 min
Delta R.T.: -0.033 min
Response: 3250466
Conc: 21.24 ug/ml

Instrument :
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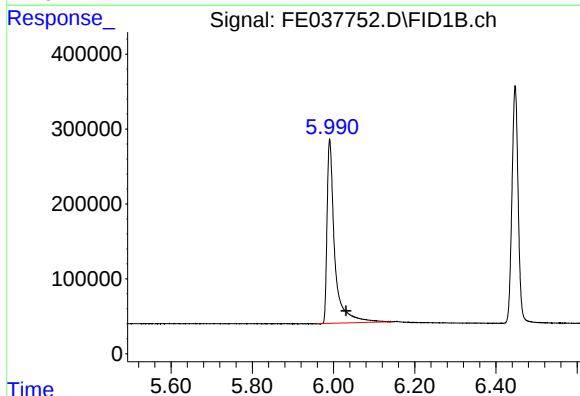
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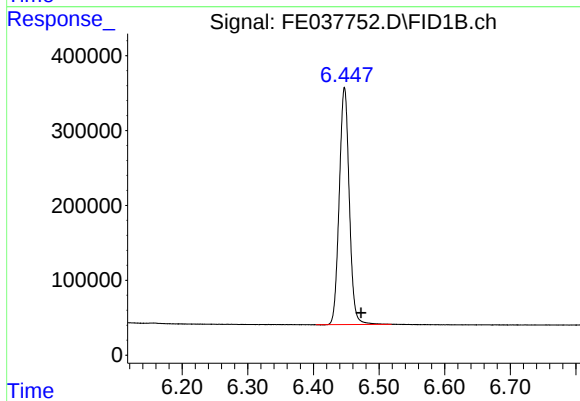
#2 n-Decane (C10)

R.T.: 4.274 min
Delta R.T.: -0.029 min
Response: 3296905
Conc: 21.38 ug/ml



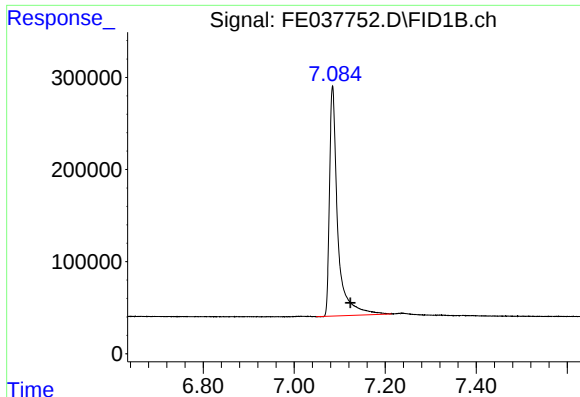
#3 A~Naphthalene (C11.7)

R.T.: 5.991 min
Delta R.T.: -0.040 min
Response: 3240966
Conc: 22.50 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.447 min
Delta R.T.: -0.025 min
Response: 3362364
Conc: 21.26 ug/ml



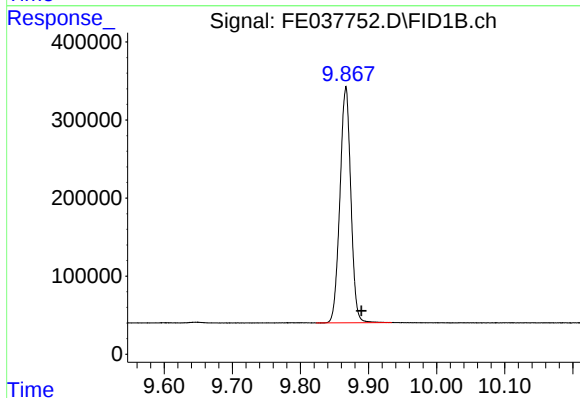
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.084 min
Delta R.T.: -0.039 min
Response: 3140832
Conc: 22.50 ug/ml

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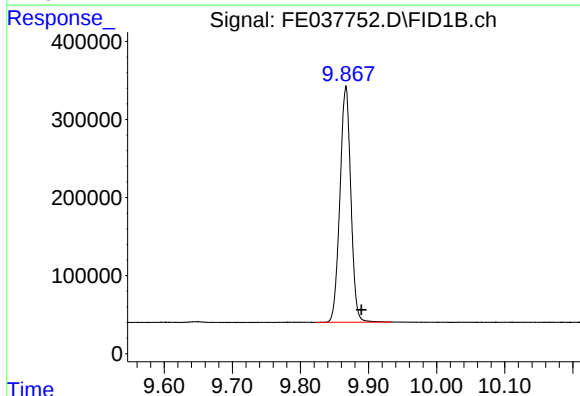
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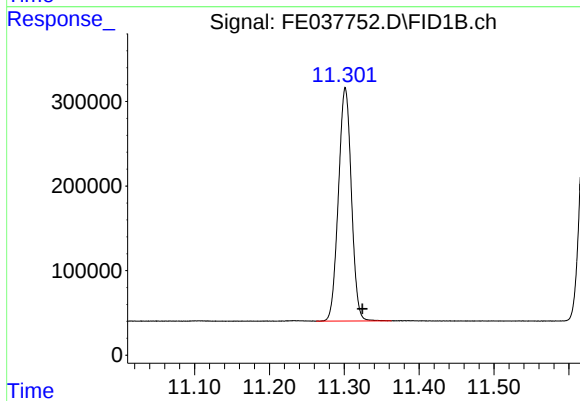
#6 n-Tetradecane (C14)

R.T.: 9.867 min
Delta R.T.: -0.023 min
Response: 3355441
Conc: 21.18 ug/ml



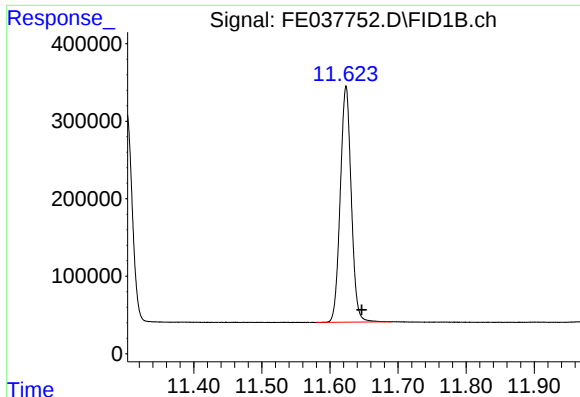
#7 n-Hexadecane (C16)

R.T.: 9.867 min
Delta R.T.: -0.023 min
Response: 3355441
Conc: 21.18 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.301 min
Delta R.T.: -0.023 min
Response: 3314607
Conc: 20.81 ug/ml



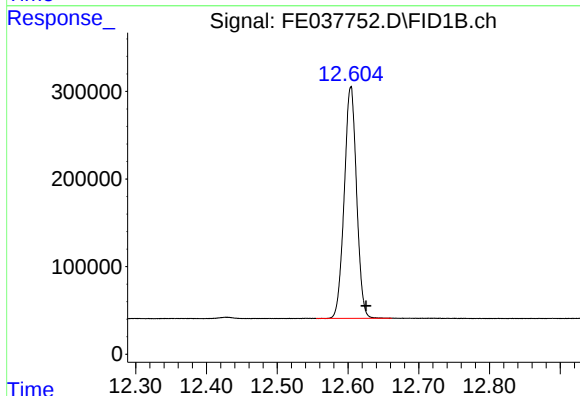
#9 ortho-Terphenyl (SURR)

R.T.: 11.624 min
Delta R.T.: -0.023 min
Response: 3407282
Conc: 20.16 ug/ml

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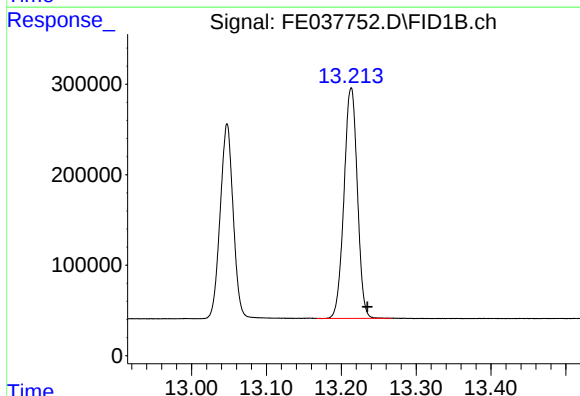
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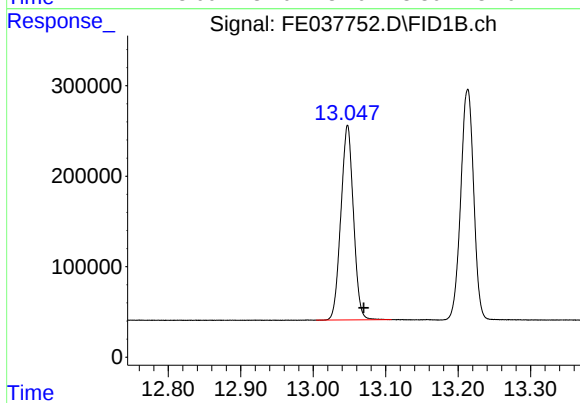
#10 n-Eicosane (C20)

R.T.: 12.604 min
Delta R.T.: -0.021 min
Response: 3207999
Conc: 20.28 ug/ml



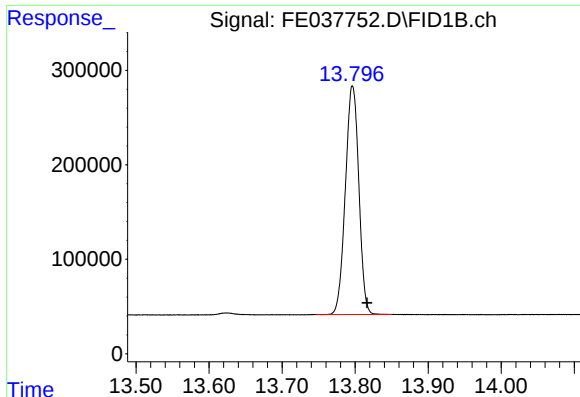
#11 n-Heneicosane (C21)

R.T.: 13.213 min
Delta R.T.: -0.022 min
Response: 3161434
Conc: 20.05 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.048 min
Delta R.T.: -0.022 min
Response: 2594032
Conc: 20.16 ug/ml



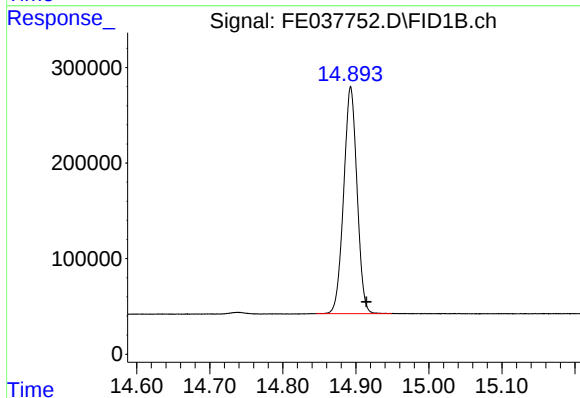
#13 n-Docosane (C22)

R.T.: 13.796 min
Delta R.T.: -0.020 min
Response: 3102553
Conc: 19.93 ug/ml

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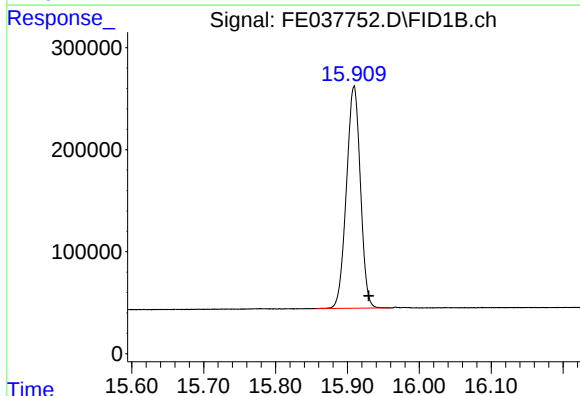
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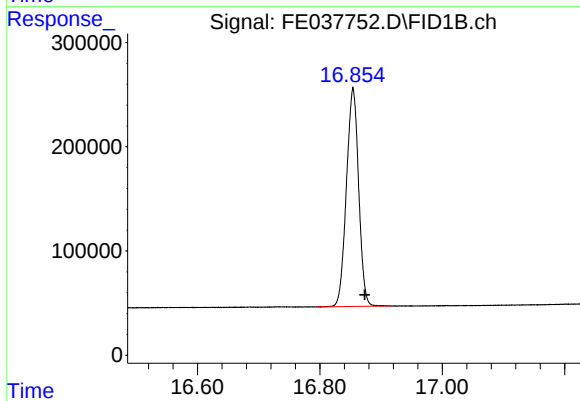
#14 n-Tetracosane (C24)

R.T.: 14.893 min
Delta R.T.: -0.022 min
Response: 3013879
Conc: 20.04 ug/ml



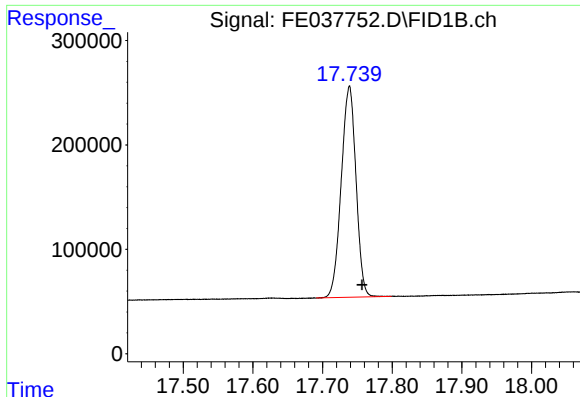
#15 n-Hexacosane (C26)

R.T.: 15.909 min
Delta R.T.: -0.020 min
Response: 2938821
Conc: 20.30 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.854 min
Delta R.T.: -0.019 min
Response: 2908544
Conc: 20.99 ug/ml



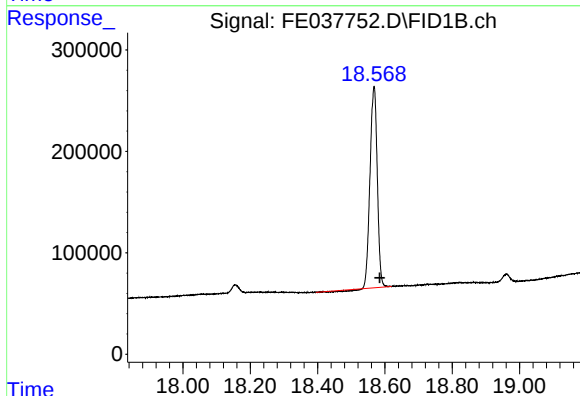
#17 n-Tricontane (C30)

R.T.: 17.739 min
Delta R.T.: -0.018 min
Response: 2978916
Conc: 21.90 ug/ml

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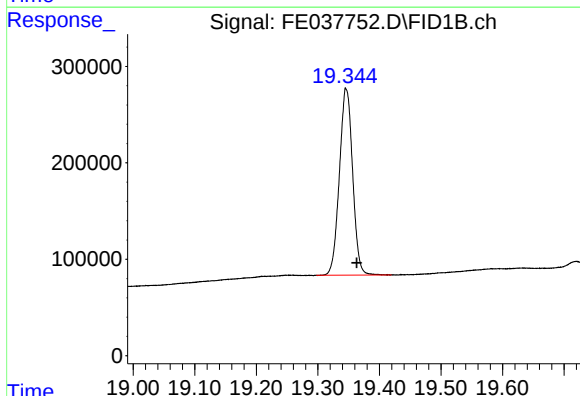
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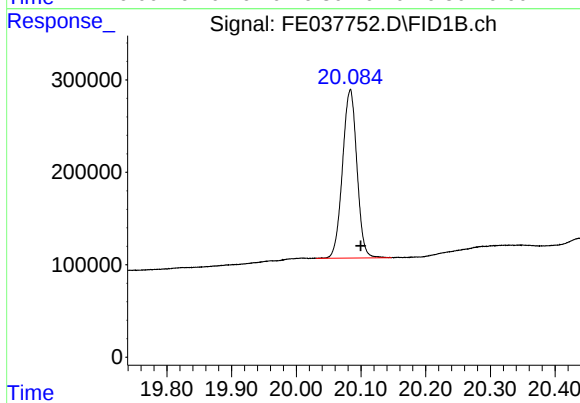
#18 n-Dotriacontane (C32)

R.T.: 18.568 min
Delta R.T.: -0.016 min
Response: 2945175
Conc: 22.06 ug/ml



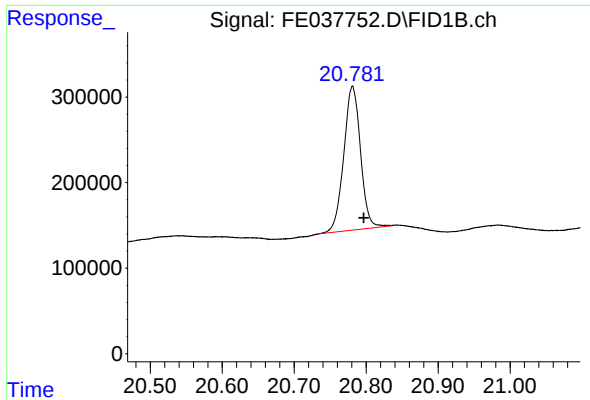
#19 n-Tetratriacontane (C34)

R.T.: 19.344 min
Delta R.T.: -0.019 min
Response: 2898205
Conc: 22.91 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.084 min
Delta R.T.: -0.016 min
Response: 2819793
Conc: 21.92 ug/ml



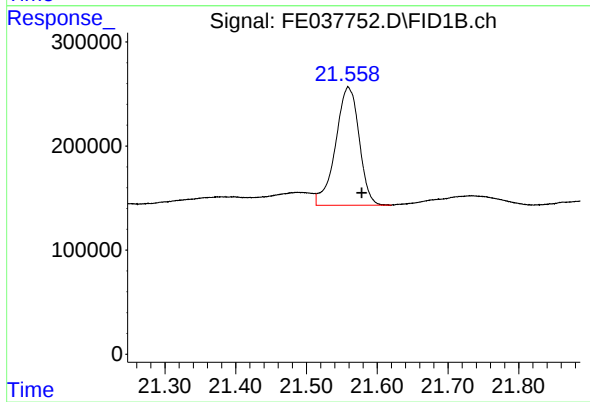
#21 n-Octatriacontane (C38)

R.T.: 20.781 min
Delta R.T.: -0.016 min
Response: 2710921
Conc: 21.78 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.559 min
Delta R.T.: -0.019 min
Response: 2626952
Conc: 20.38 ug/ml