

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE081522AL\
 Data File : FE037074.D
 Signal(s) : FID1B.ch
 Acq On : 15 Aug 2022 23:55
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/16/2022
 Supervised By :Ankita Jodhani 08/16/2022

Integration File: sample.E
 Quant Time: Aug 16 02:59:25 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 081222.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 12 07:36:15 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)	11.815	3536192	19.225 ug/ml
Spiked Amount 50.000		Recovery =	38.45%
12) S 1-chlorooctadecane (S...	13.254	2822160	19.337 ug/ml
Spiked Amount 50.000		Recovery =	38.67%
Target Compounds			
1) T n-Nonane (C9)	3.210	3048203	19.832 ug/ml
2) T n-Decane (C10)	4.463	3090269	20.219 ug/ml
3) T A~Naphthalene (C11.7)	6.164	3462642	21.045 ug/ml
4) T n-Dodecane (C12)	6.631	3177867	20.347 ug/ml
5) T A~2-methylnaphthalene...	7.259	3459076	21.313 ug/ml
6) T n-Tetradecane (C14)	8.457	3223780	20.400 ug/ml
7) T n-Hexadecane (C16)	10.063	3197219	20.103 ug/ml
8) T n-Octadecane (C18)	11.503	3231009	19.680 ug/ml
10) T n-Eicosane (C20)	12.811	3170757	19.313 ug/ml
11) T n-Heneicosane (C21)	13.422	3185027	19.380 ug/ml
13) T n-Docosane (C22)	14.007	3136555	19.277 ug/ml
14) T n-Tetracosane (C24)	15.109	3079299	19.052 ug/ml
15) T n-Hexacosane (C26)	16.129	2971686	18.734 ug/ml
16) T n-Octacosane (C28)	17.078	2893527	18.616 ug/ml
17) T n-Tricontane (C30)	17.964	2729767	18.718 ug/ml
18) T n-Dotriacontane (C32)	18.798	2143480	18.445 ug/mlm
19) T n-Tetratriacontane (C34)	19.579	1567599	19.023 ug/mlm
20) T n-Hexatriacontane (C36)	20.319	1207634	19.990 ug/mlm
21) T n-Octatriacontane (C38)	21.038	1010169	19.807 ug/mlm
22) T n-Tetracontane (C40)	21.908	1029427	21.388 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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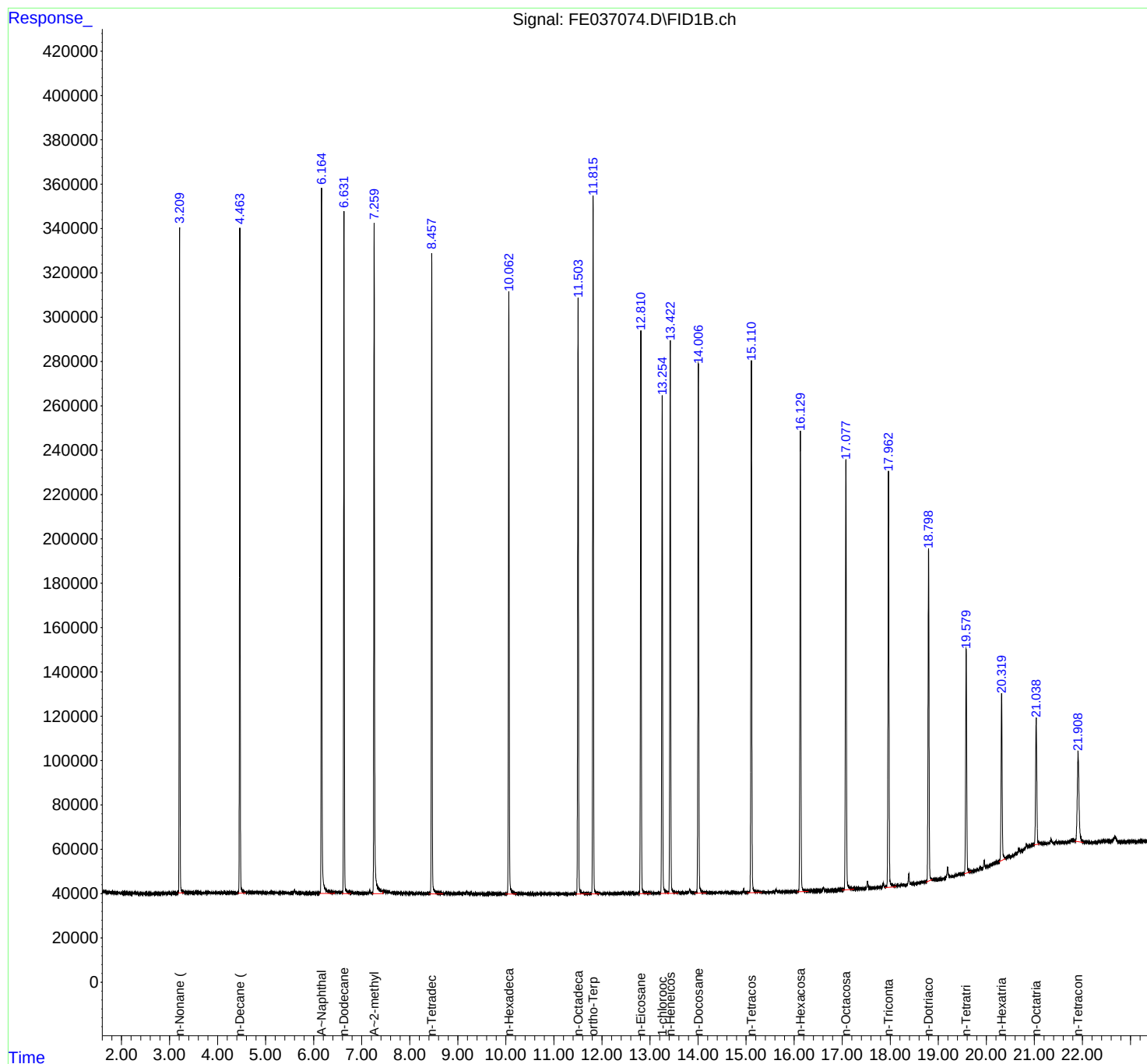
Instrument :
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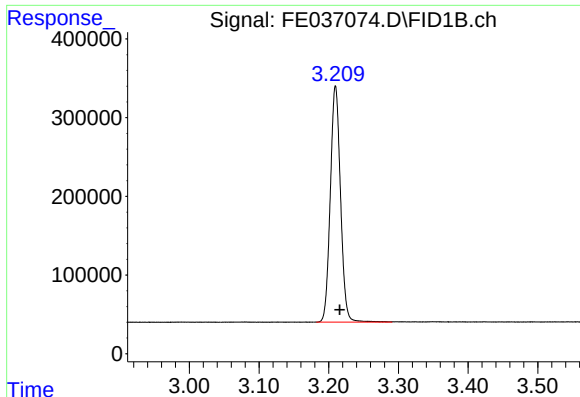
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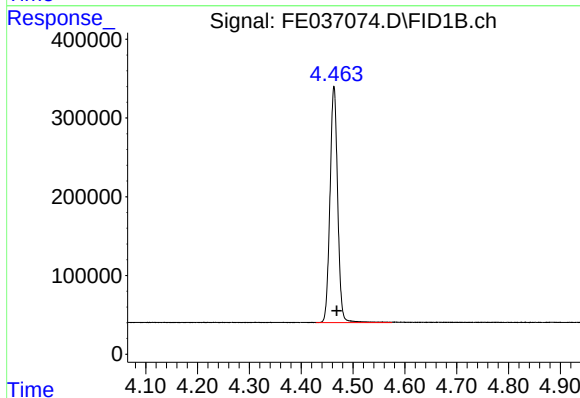
#1 n-Nonane (C9)

R.T.: 3.210 min
Delta R.T.: -0.006 min
Response: 3048203
Conc: 19.83 ug/ml

Instrument :
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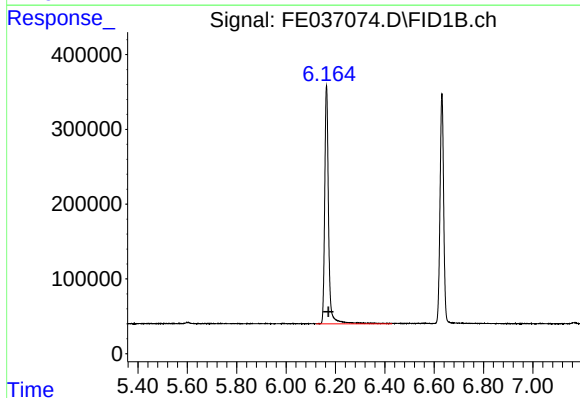
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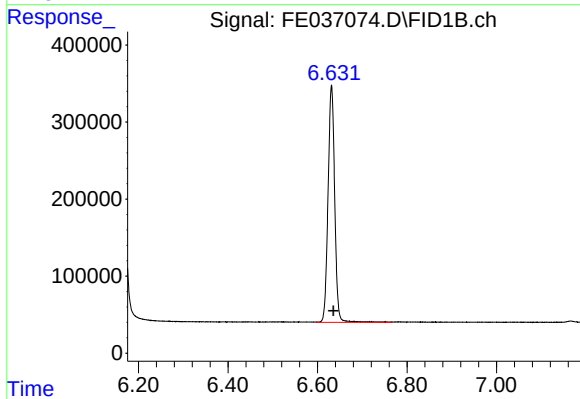
#2 n-Decane (C10)

R.T.: 4.463 min
Delta R.T.: -0.005 min
Response: 3090269
Conc: 20.22 ug/ml



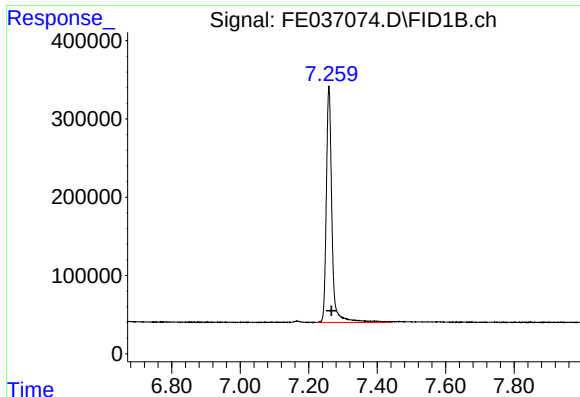
#3 A~Naphthalene (C11.7)

R.T.: 6.164 min
Delta R.T.: -0.007 min
Response: 3462642
Conc: 21.04 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.631 min
Delta R.T.: -0.004 min
Response: 3177867
Conc: 20.35 ug/ml



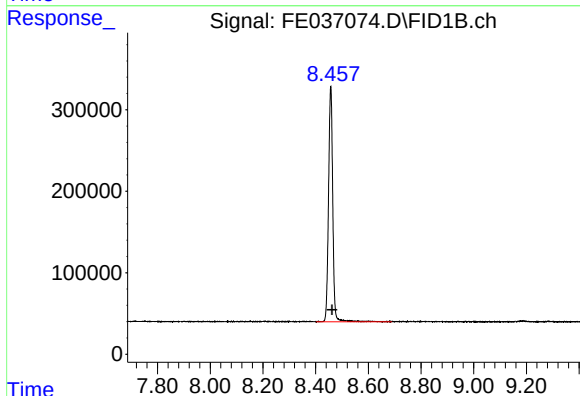
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.259 min
Delta R.T.: -0.007 min
Response: 3459076
Conc: 21.31 ug/ml

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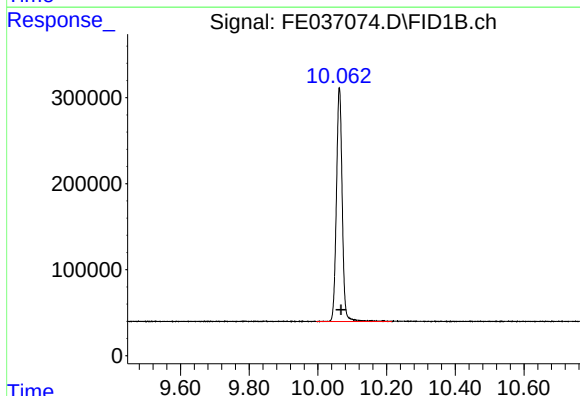
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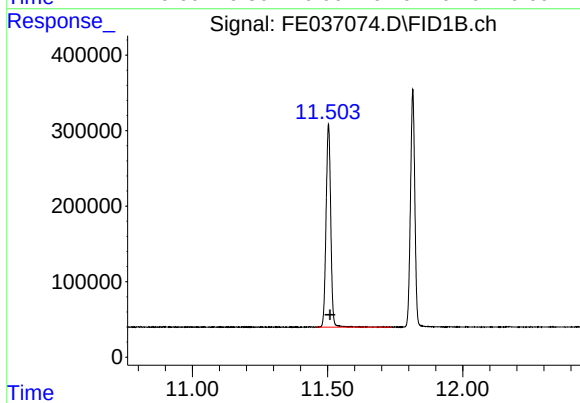
#6 n-Tetradecane (C14)

R.T.: 8.457 min
Delta R.T.: -0.005 min
Response: 3223780
Conc: 20.40 ug/ml



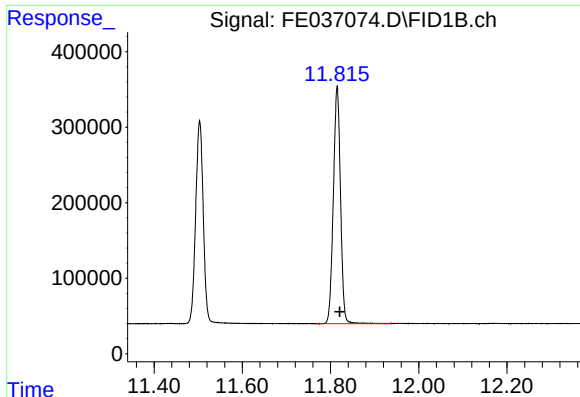
#7 n-Hexadecane (C16)

R.T.: 10.063 min
Delta R.T.: -0.005 min
Response: 3197219
Conc: 20.10 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.503 min
Delta R.T.: -0.006 min
Response: 3231009
Conc: 19.68 ug/ml



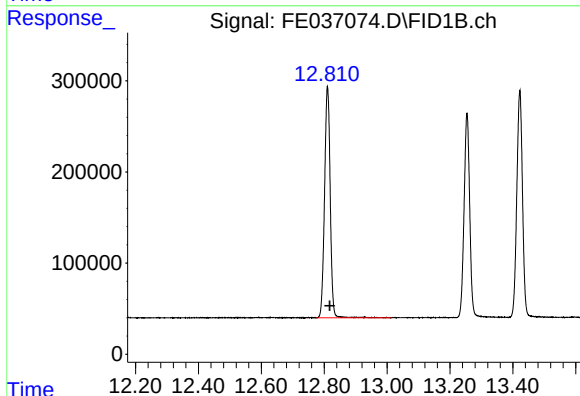
#9 ortho-Terphenyl (SURR)

R.T.: 11.815 min
Delta R.T.: -0.006 min
Response: 3536192
Conc: 19.23 ug/ml

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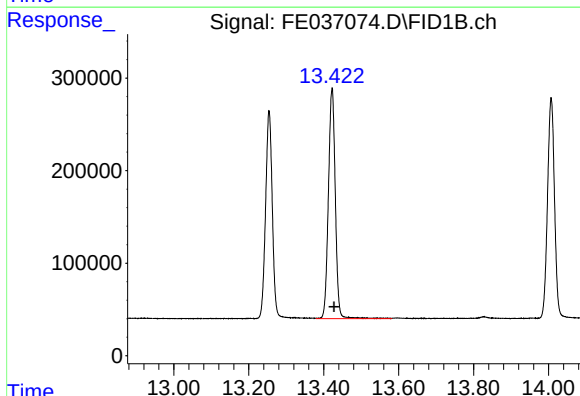
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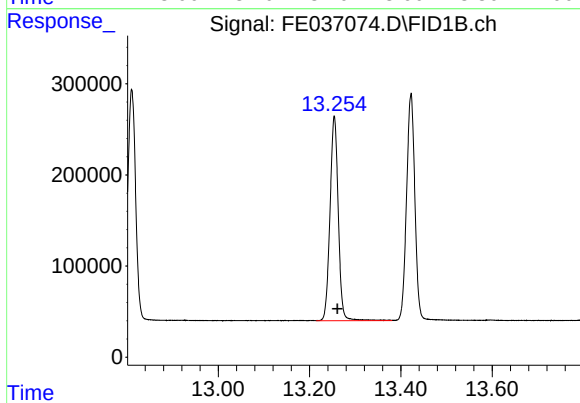
#10 n-Eicosane (C20)

R.T.: 12.811 min
Delta R.T.: -0.007 min
Response: 3170757
Conc: 19.31 ug/ml



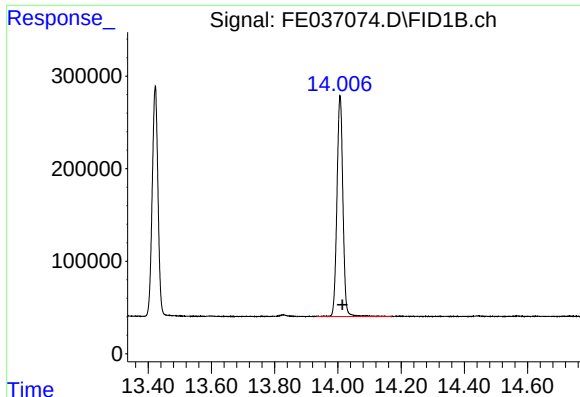
#11 n-Heneicosane (C21)

R.T.: 13.422 min
Delta R.T.: -0.006 min
Response: 3185027
Conc: 19.38 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.254 min
Delta R.T.: -0.007 min
Response: 2822160
Conc: 19.34 ug/ml



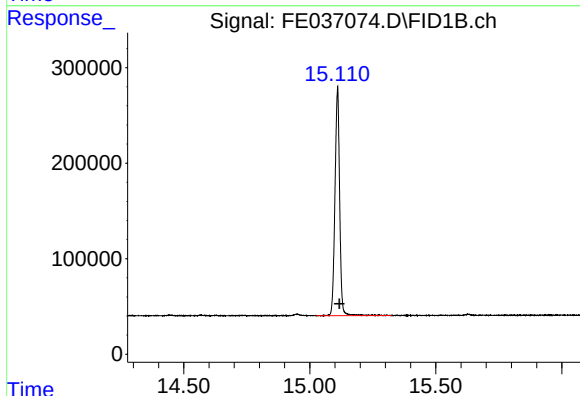
#13 n-Docosane (C22)

R.T.: 14.007 min
Delta R.T.: -0.008 min
Response: 3136555
Conc: 19.28 ug/ml

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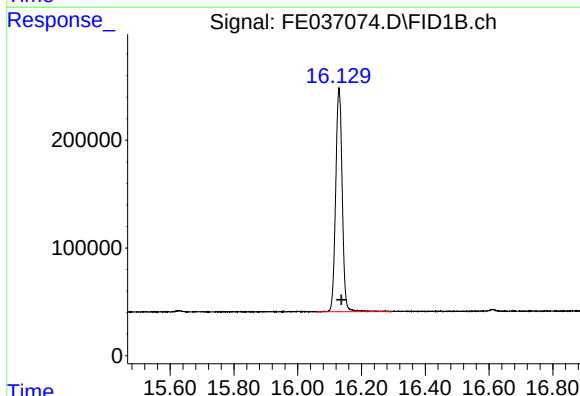
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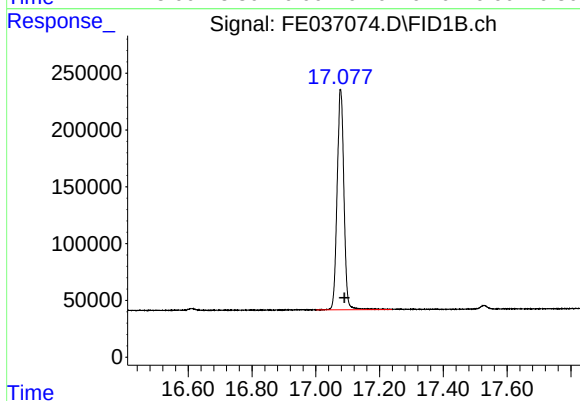
#14 n-Tetracosane (C24)

R.T.: 15.109 min
Delta R.T.: -0.008 min
Response: 3079299
Conc: 19.05 ug/ml



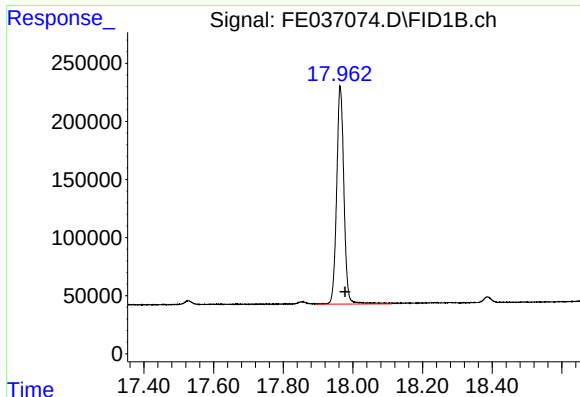
#15 n-Hexacosane (C26)

R.T.: 16.129 min
Delta R.T.: -0.008 min
Response: 2971686
Conc: 18.73 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.078 min
Delta R.T.: -0.012 min
Response: 2893527
Conc: 18.62 ug/ml



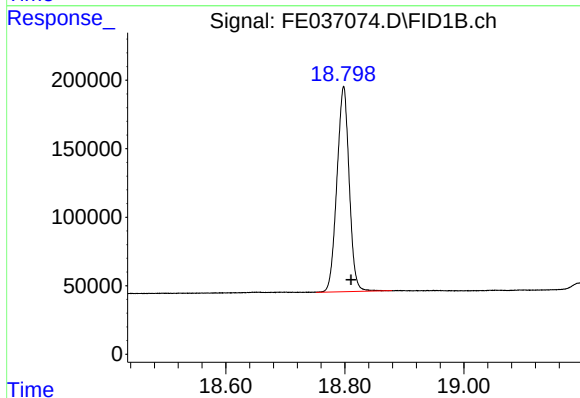
#17 n-Tricontane (C30)

R.T.: 17.964 min
Delta R.T.: -0.013 min
Response: 2729767
Conc: 18.72 ug/ml

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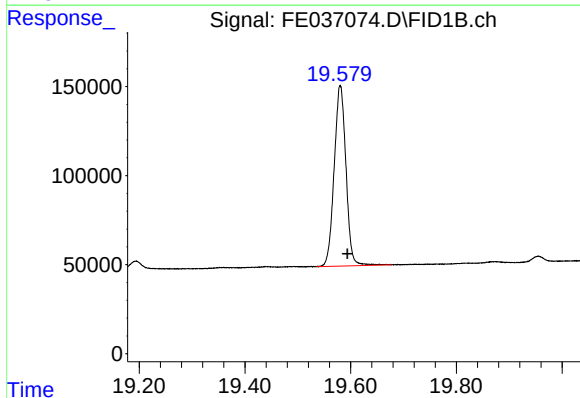
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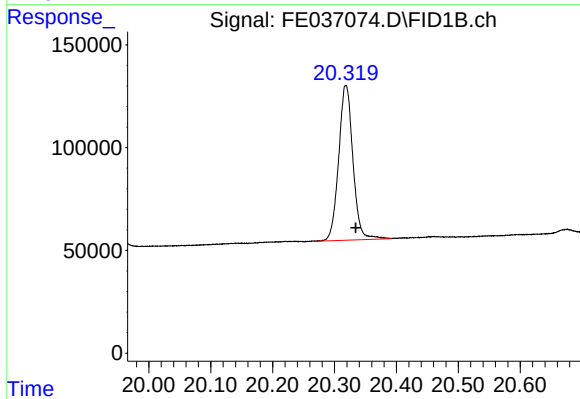
#18 n-Dotriacontane (C32)

R.T.: 18.798 min
Delta R.T.: -0.013 min
Response: 2143480
Conc: 18.45 ug/ml m



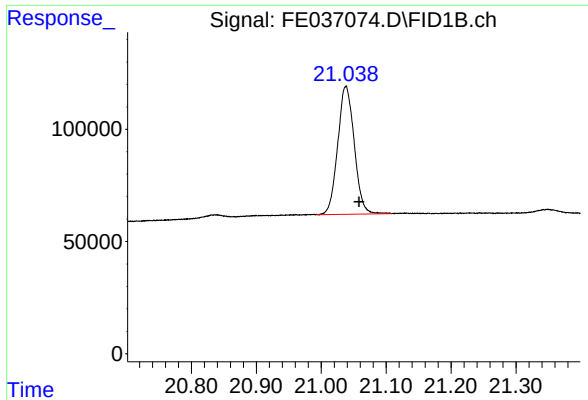
#19 n-Tetratriacontane (C34)

R.T.: 19.579 min
Delta R.T.: -0.015 min
Response: 1567599
Conc: 19.02 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.319 min
Delta R.T.: -0.016 min
Response: 1207634
Conc: 19.99 ug/ml m



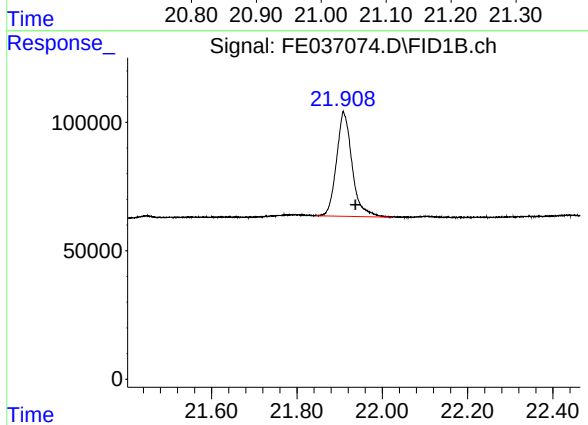
#21 n-Octatriacontane (C38)

R.T.: 21.038 min
Delta R.T.: -0.020 min
Response: 1010169
Conc: 19.81 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.908 min
Delta R.T.: -0.029 min
Response: 1029427
Conc: 21.39 ug/ml m