

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE081722AL\
 Data File : FE037116.D
 Signal(s) : FID1B.ch
 Acq On : 17 Aug 2022 12:53
 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 08/17/2022
 Supervised By :Ankita Jodhani 08/18/2022

Integration File: autoint1.e
 Quant Time: Aug 17 13:34:30 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)	11.816	3400743	18.489 ug/ml
Spiked Amount 50.000		Recovery =	36.98%
12) S 1-chlorooctadecane (S...	13.254	2702954	18.520 ug/ml
Spiked Amount 50.000		Recovery =	37.04%
Target Compounds			
1) T n-Nonane (C9)	3.209	2992787	19.472 ug/ml
2) T n-Decane (C10)	4.463	3036985	19.871 ug/ml
3) T A~Naphthalene (C11.7)	6.164	3390761	20.608 ug/ml
4) T n-Dodecane (C12)	6.631	3103468	19.871 ug/ml
5) T A~2-methylnaphthalene...	7.260	3364988	20.733 ug/ml
6) T n-Tetradecane (C14)	8.457	3142771	19.887 ug/ml
7) T n-Hexadecane (C16)	10.063	3121540	19.627 ug/ml
8) T n-Octadecane (C18)	11.504	3124947	19.034 ug/ml
10) T n-Eicosane (C20)	12.811	3045858	18.553 ug/ml
11) T n-Heneicosane (C21)	13.422	3041484	18.506 ug/ml
13) T n-Docosane (C22)	14.008	2994395	18.404 ug/ml
14) T n-Tetracosane (C24)	15.110	2915510	18.039 ug/ml
15) T n-Hexacosane (C26)	16.130	2804663	17.681 ug/ml
16) T n-Octacosane (C28)	17.078	2728224	17.553 ug/ml
17) T n-Tricontane (C30)	17.966	2604074	17.856 ug/ml
18) T n-Dotriacontane (C32)	18.798	2131927	18.346 ug/ml
19) T n-Tetratriacontane (C34)	19.581	1575215	19.115 ug/mlm
20) T n-Hexatriacontane (C36)	20.320	1190916	19.713 ug/mlm
21) T n-Octatriacontane (C38)	21.041	1024142	20.081 ug/mlm
22) T n-Tetracontane (C40)	21.911	950528	19.748 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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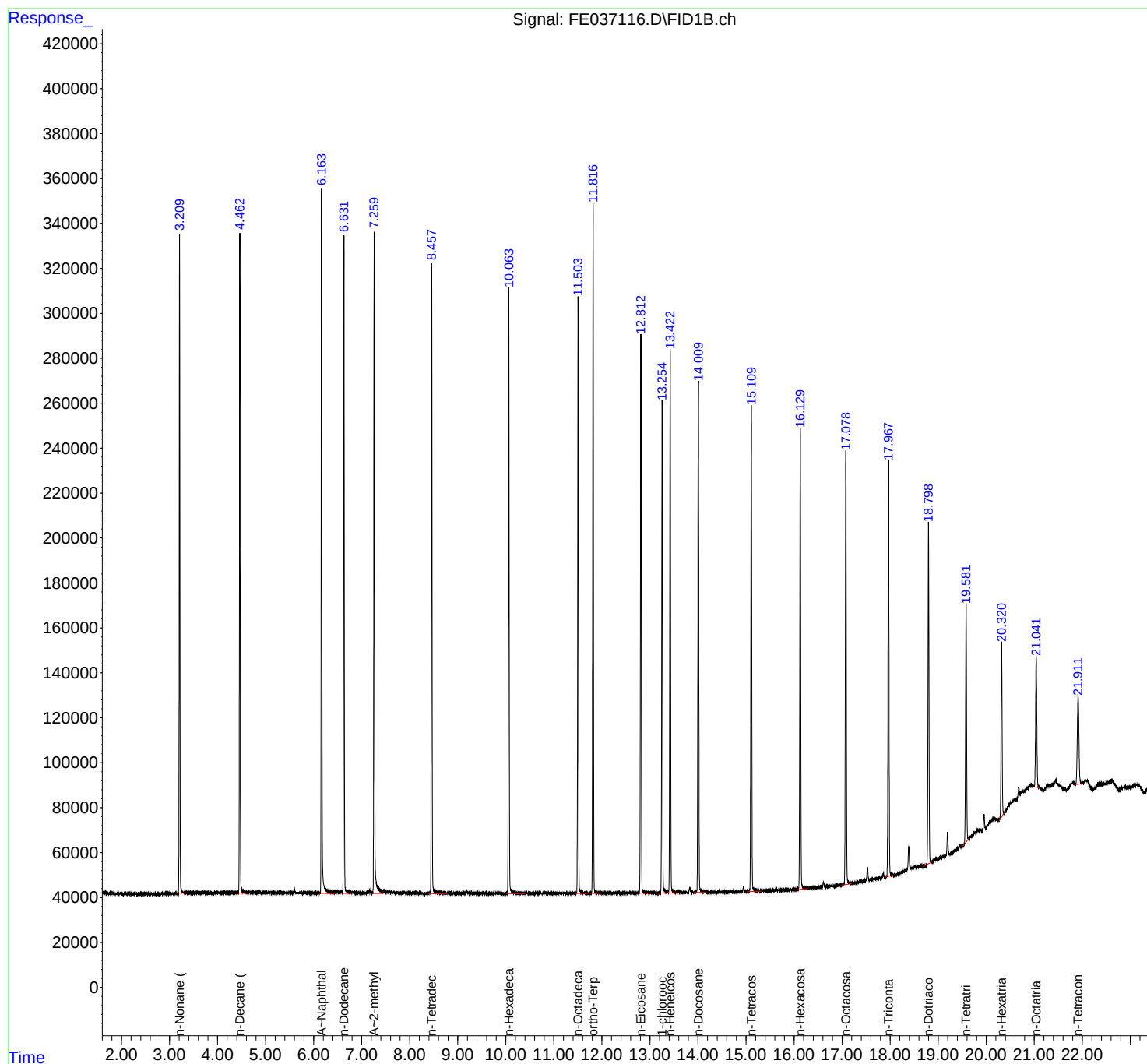
Instrument :
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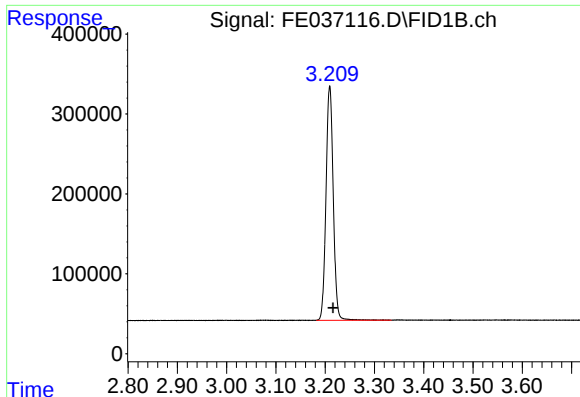
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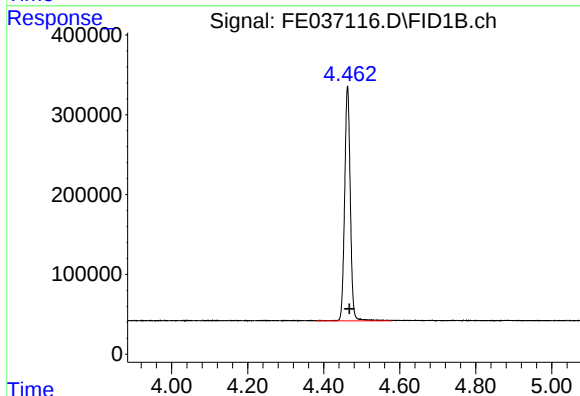
#1 n-Nonane (C9)

R.T.: 3.209 min
Delta R.T.: -0.007 min
Response: 2992787
Conc: 19.47 ug/ml

Instrument :
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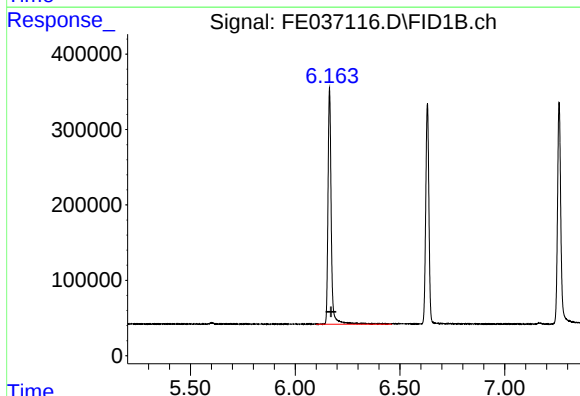
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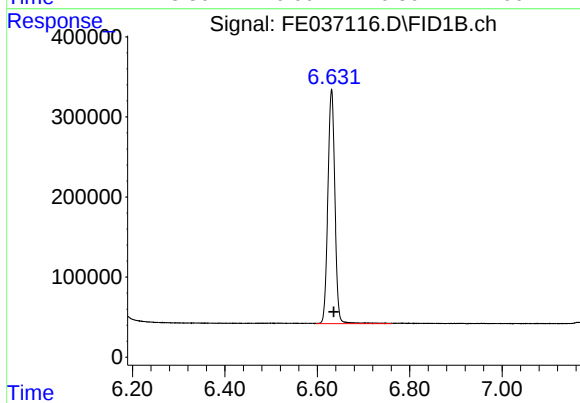
#2 n-Decane (C10)

R.T.: 4.463 min
Delta R.T.: -0.005 min
Response: 3036985
Conc: 19.87 ug/ml



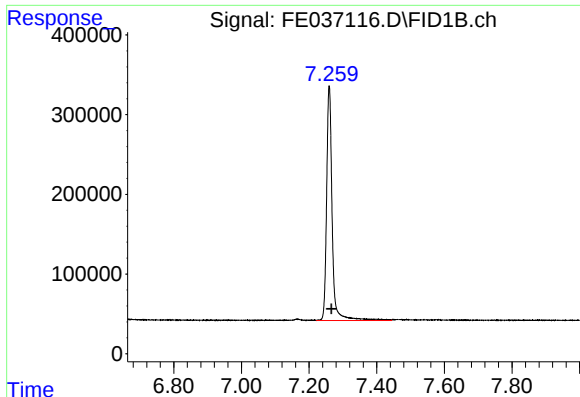
#3 A~Naphthalene (C11.7)

R.T.: 6.164 min
Delta R.T.: -0.007 min
Response: 3390761
Conc: 20.61 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.631 min
Delta R.T.: -0.005 min
Response: 3103468
Conc: 19.87 ug/ml



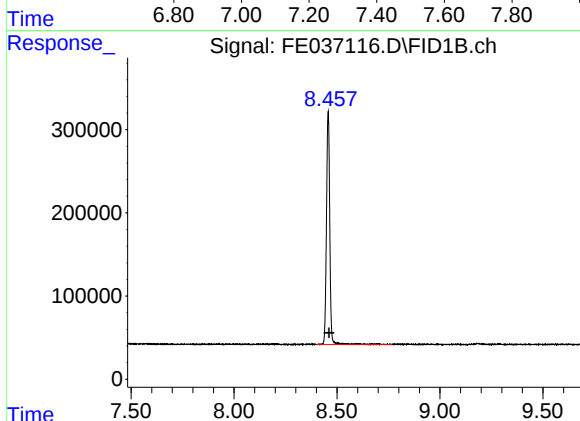
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.260 min
Delta R.T.: -0.006 min
Response: 3364988
Conc: 20.73 ug/ml

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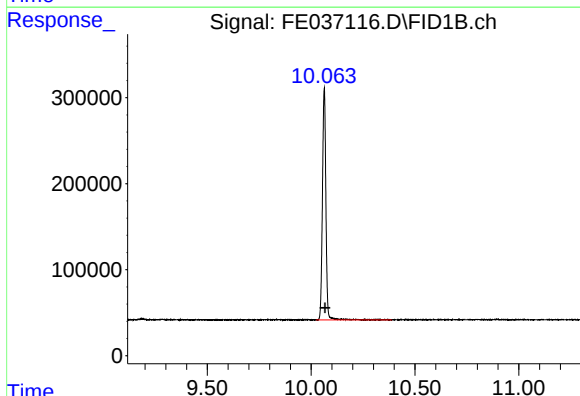
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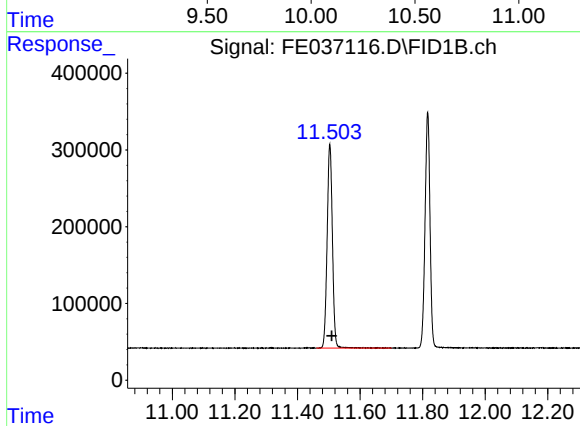
#6 n-Tetradecane (C14)

R.T.: 8.457 min
Delta R.T.: -0.005 min
Response: 3142771
Conc: 19.89 ug/ml



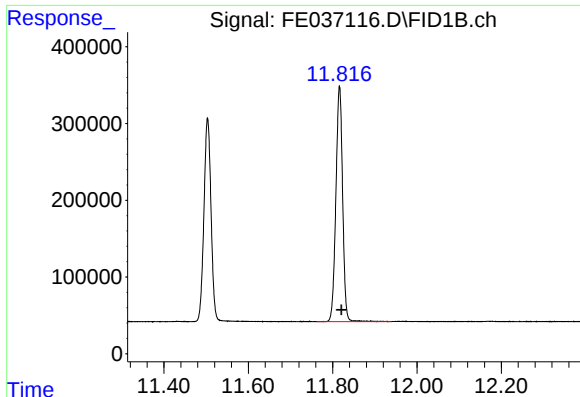
#7 n-Hexadecane (C16)

R.T.: 10.063 min
Delta R.T.: -0.005 min
Response: 3121540
Conc: 19.63 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.504 min
Delta R.T.: -0.006 min
Response: 3124947
Conc: 19.03 ug/ml



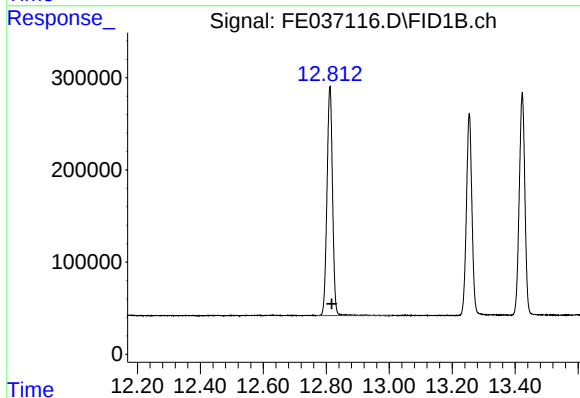
#9 ortho-Terphenyl (SURR)

R.T.: 11.816 min
Delta R.T.: -0.005 min
Response: 3400743
Conc: 18.49 ug/ml

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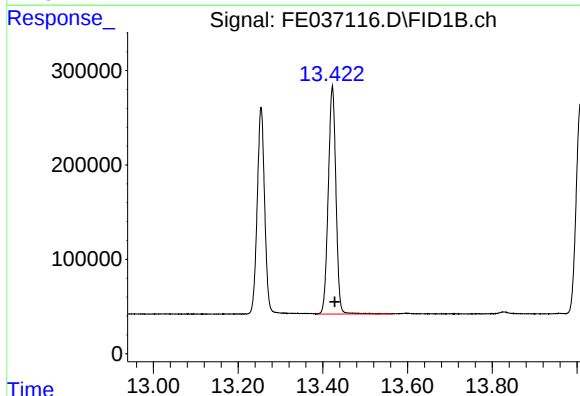
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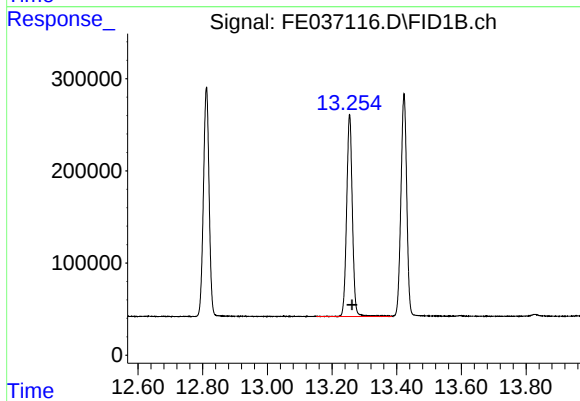
#10 n-Eicosane (C20)

R.T.: 12.811 min
Delta R.T.: -0.006 min
Response: 3045858
Conc: 18.55 ug/ml



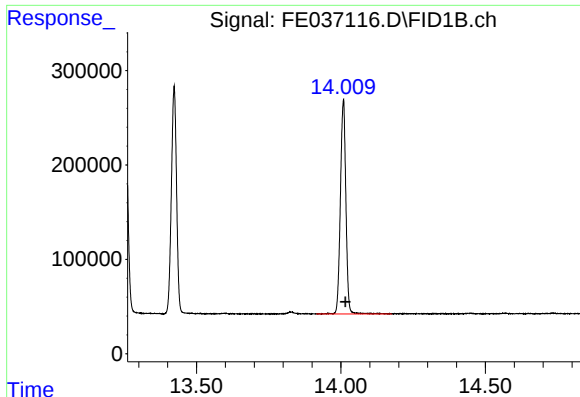
#11 n-Heneicosane (C21)

R.T.: 13.422 min
Delta R.T.: -0.006 min
Response: 3041484
Conc: 18.51 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.254 min
Delta R.T.: -0.007 min
Response: 2702954
Conc: 18.52 ug/ml



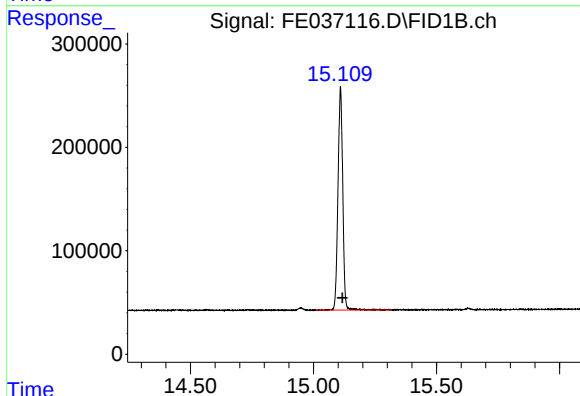
#13 n-Docosane (C22)

R.T.: 14.008 min
Delta R.T.: -0.007 min
Response: 2994395
Conc: 18.40 ug/ml

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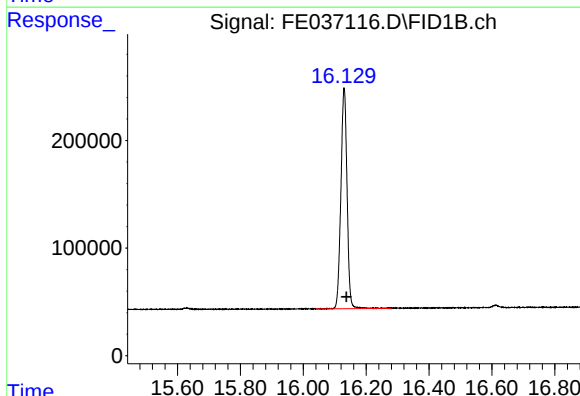
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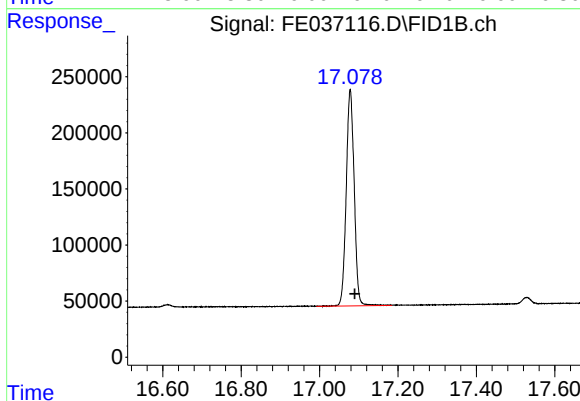
#14 n-Tetracosane (C24)

R.T.: 15.110 min
Delta R.T.: -0.008 min
Response: 2915510
Conc: 18.04 ug/ml



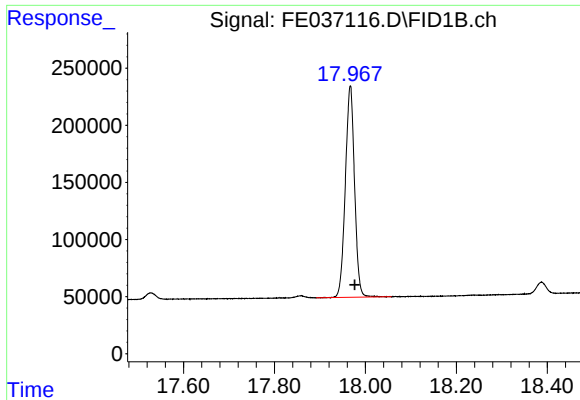
#15 n-Hexacosane (C26)

R.T.: 16.130 min
Delta R.T.: -0.008 min
Response: 2804663
Conc: 17.68 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.078 min
Delta R.T.: -0.011 min
Response: 2728224
Conc: 17.55 ug/ml



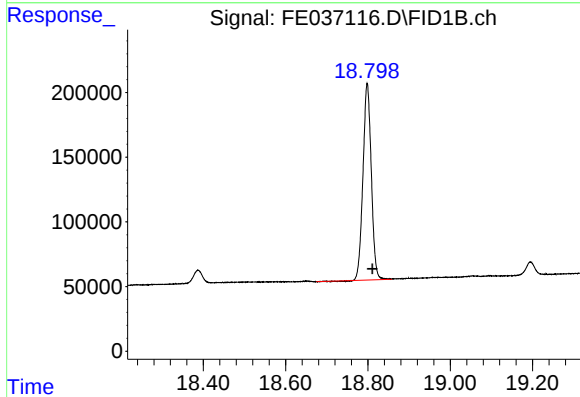
#17 n-Tricontane (C30)

R.T.: 17.966 min
Delta R.T.: -0.011 min
Response: 2604074
Conc: 17.86 ug/ml

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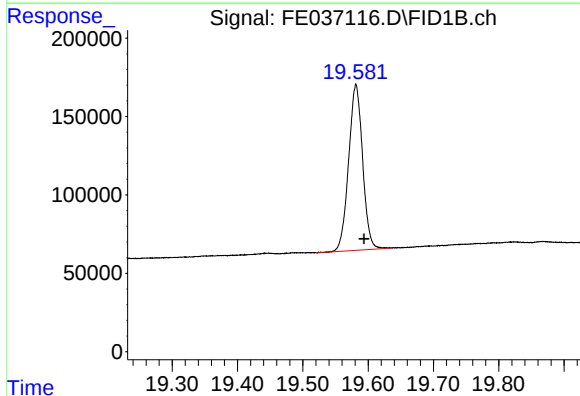
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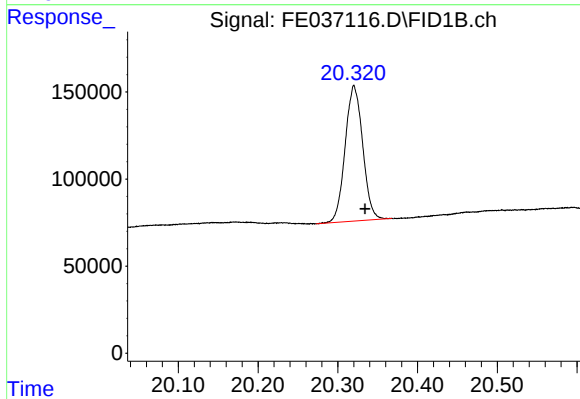
#18 n-Dotriacontane (C32)

R.T.: 18.798 min
Delta R.T.: -0.012 min
Response: 2131927
Conc: 18.35 ug/ml



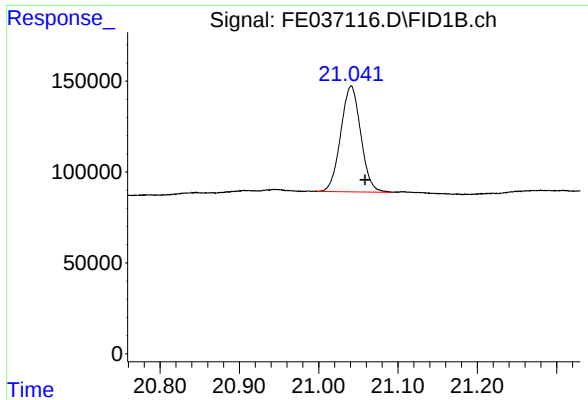
#19 n-Tetratriacontane (C34)

R.T.: 19.581 min
Delta R.T.: -0.013 min
Response: 1575215
Conc: 19.12 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.320 min
Delta R.T.: -0.015 min
Response: 1190916
Conc: 19.71 ug/ml m



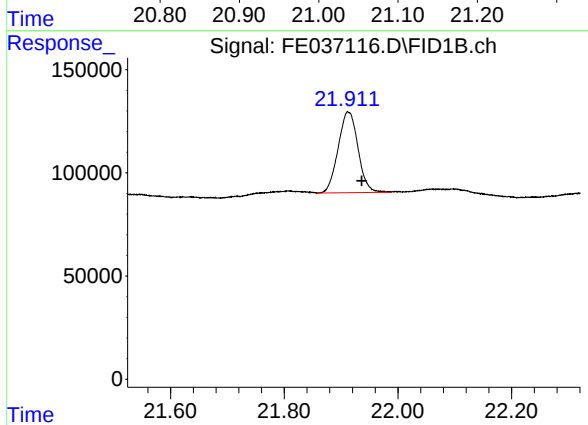
#21 n-Octatriacontane (C38)

R.T.: 21.041 min
Delta R.T.: -0.017 min
Response: 1024142
Conc: 20.08 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.911 min
Delta R.T.: -0.026 min
Response: 950528
Conc: 19.75 ug/ml m