

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE101422AL\
 Data File : FE038167.D
 Signal(s) : FID1B.ch
 Acq On : 14 Oct 2022 22:52
 Operator : YP\AJ
 Sample : N5118-03MS
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 SU-4-101222MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/17/2022
 Supervised By :Ankita Jodhani 10/17/2022

Integration File: sample.E
 Quant Time: Oct 15 17:02:46 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 092822.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 28 06:23:29 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)	11.607	5150017	29.775 ug/ml
Spiked Amount 50.000		Recovery =	59.55%
12) S 1-chlorooctadecane (S...	13.084f	196450378	1453.439 ug/ml
Spiked Amount 50.000		Recovery =	2906.88%
Target Compounds			
1) T n-Nonane (C9)	2.993	3466978	23.540 ug/ml
2) T n-Decane (C10)	4.254	4027650	27.242 ug/ml
3) T A~Naphthalene (C11.7)	5.971	7056978	51.533 ug/ml
4) T n-Dodecane (C12)	6.427	5147268	33.779 ug/ml
5) T A~2-methylnaphthalene...	7.065	6441019	48.463 ug/mlm
6) T n-Tetradecane (C14)	8.249	6827542	44.609 ug/ml
7) T n-Hexadecane (C16)	9.847	6740612	43.154 ug/ml
8) T n-Octadecane (C18)	11.283	6838392	42.634 ug/ml
10) T n-Eicosane (C20)	12.587	6982987	42.822 ug/ml
11) T n-Heneicosane (C21)	13.209	6563214	39.833 ug/ml
13) T n-Docosane (C22)	13.782	6703869	40.725 ug/ml
14) T n-Tetracosane (C24)	14.857	9676526	59.001 ug/ml
15) T n-Hexacosane (C26)	15.894	6010940	36.863 ug/ml
16) T n-Octacosane (C28)	16.839	6669353	41.631 ug/ml
17) T n-Tricontane (C30)	17.725	5845790	36.530 ug/ml
18) T n-Dotriacontane (C32)	18.554	6384665	40.545 ug/ml
19) T n-Tetratriacontane (C34)	19.335	6310434	42.593 ug/ml
20) T n-Hexatriacontane (C36)	20.074	5242161	36.362 ug/mlm
21) T n-Octatriacontane (C38)	20.774	6688635	49.290 ug/mlm
22) T n-Tetracontane (C40)	21.551	5351470	42.040 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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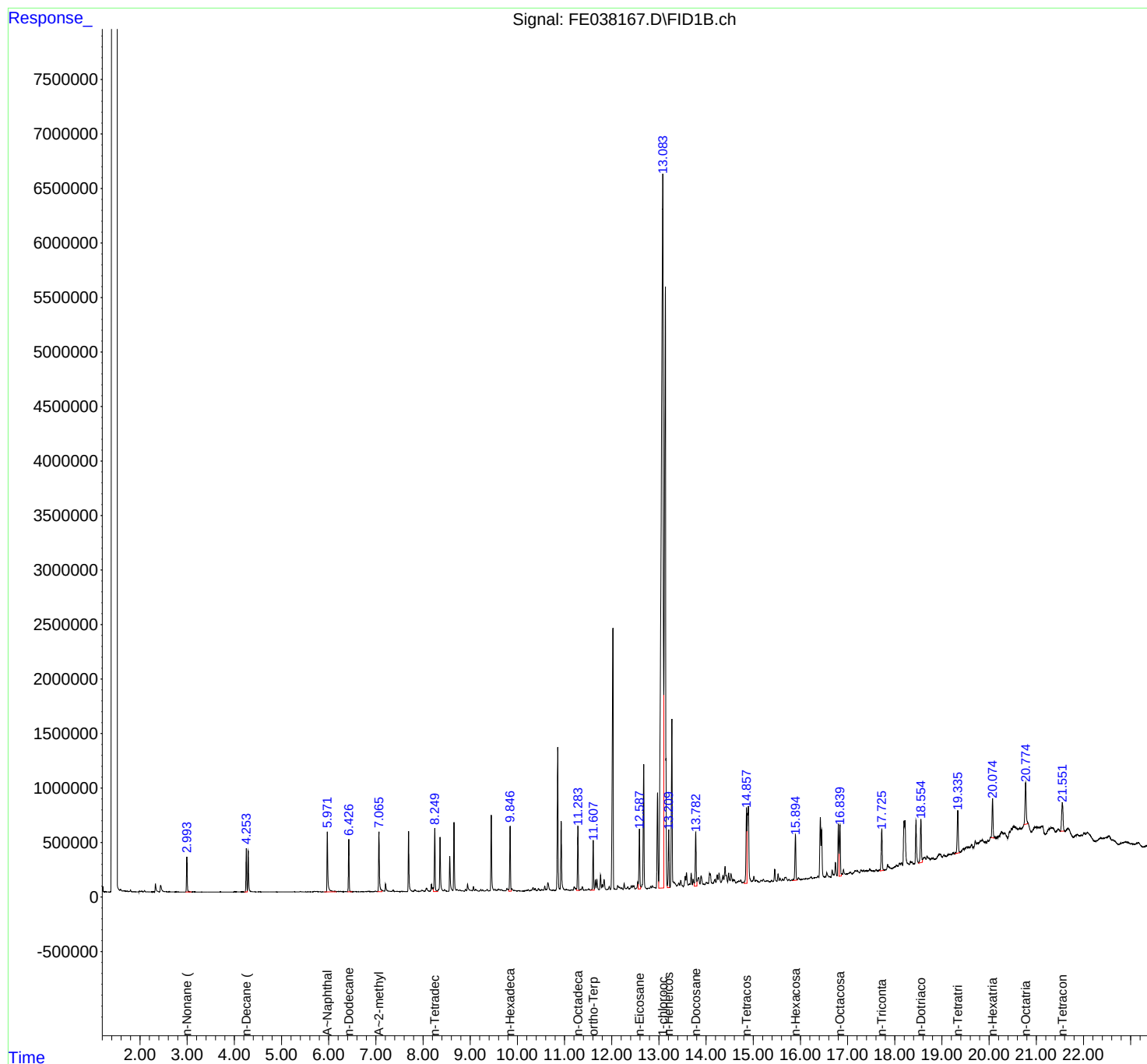
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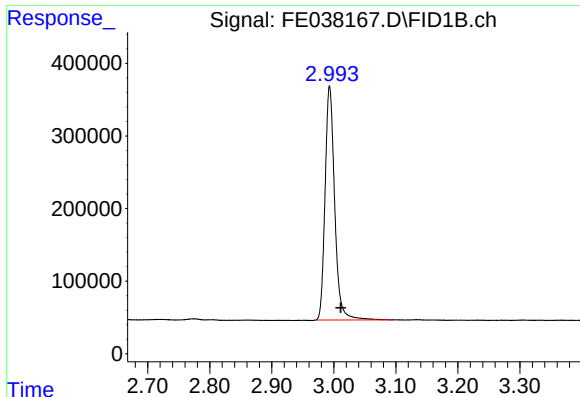
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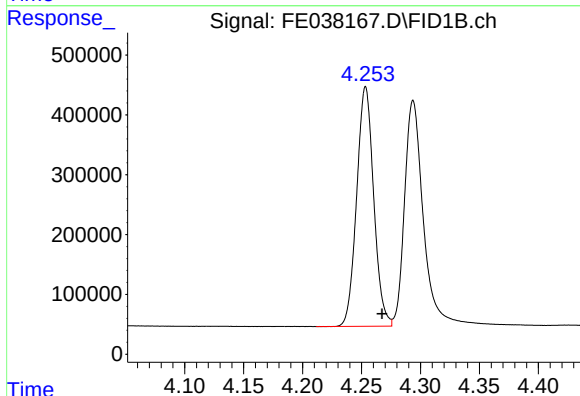
#1 n-Nonane (C9)

R.T.: 2.993 min
Delta R.T.: -0.018 min
Response: 3466978
Conc: 23.54 ug/ml

Instrument :
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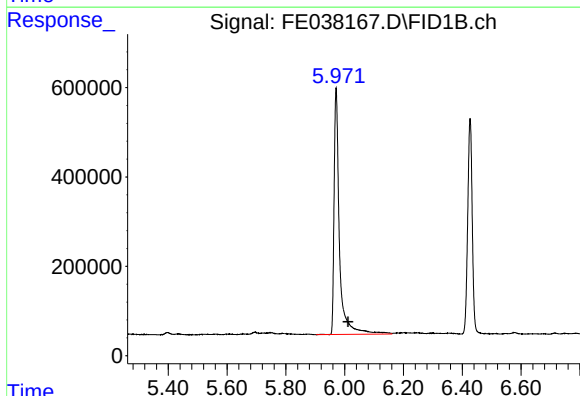
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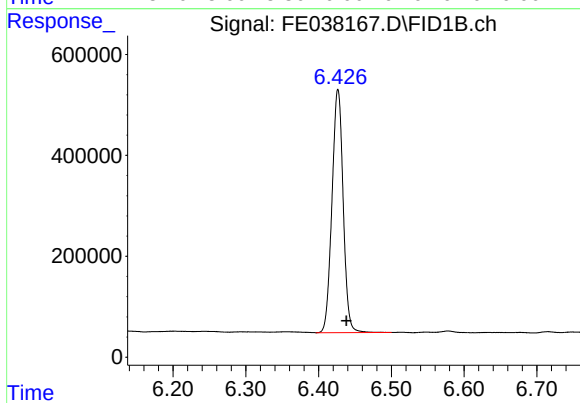
#2 n-Decane (C10)

R.T.: 4.254 min
Delta R.T.: -0.014 min
Response: 4027650
Conc: 27.24 ug/ml



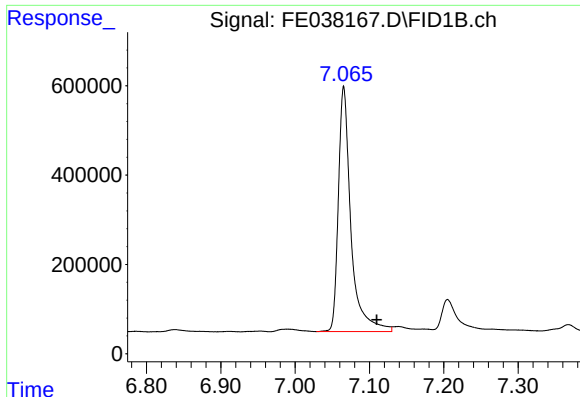
#3 A~Naphthalene (C11.7)

R.T.: 5.971 min
Delta R.T.: -0.040 min
Response: 7056978
Conc: 51.53 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.427 min
Delta R.T.: -0.012 min
Response: 5147268
Conc: 33.78 ug/ml



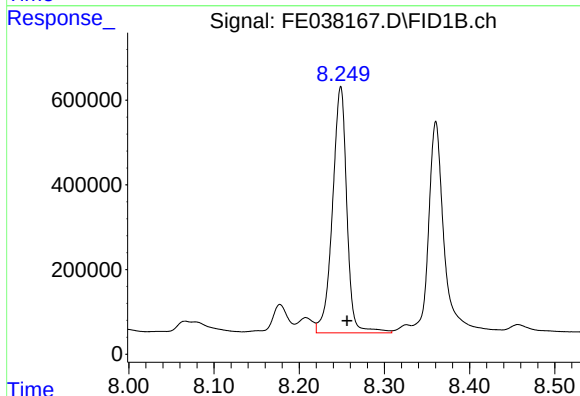
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.065 min
Delta R.T.: -0.045 min
Response: 6441019
Conc: 48.46 ug/ml

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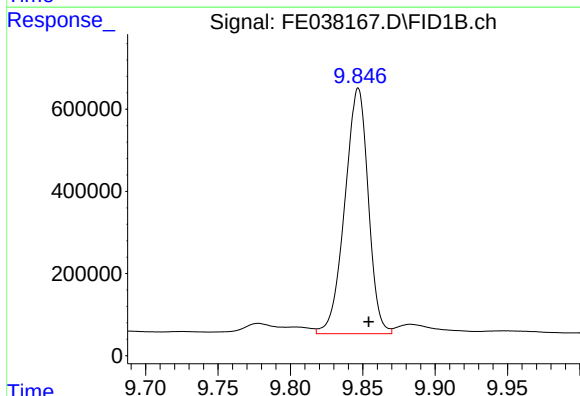
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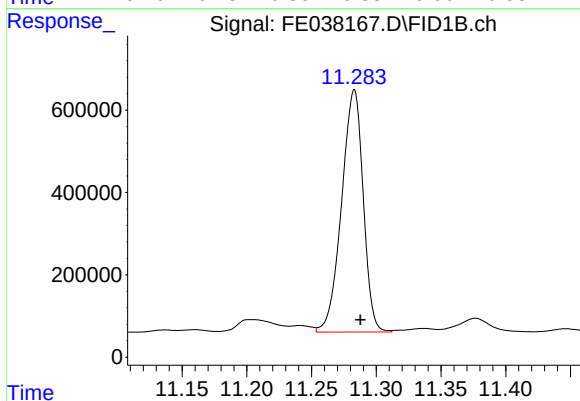
#6 n-Tetradecane (C14)

R.T.: 8.249 min
Delta R.T.: -0.007 min
Response: 6827542
Conc: 44.61 ug/ml



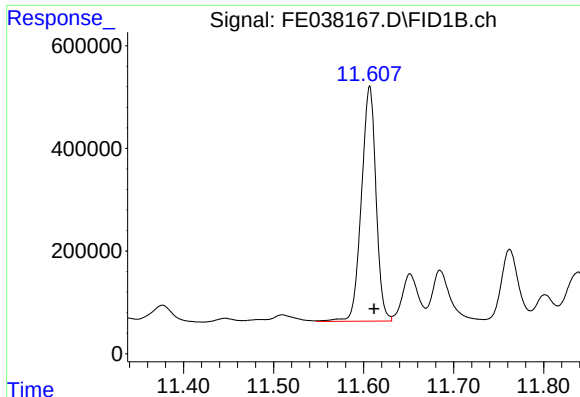
#7 n-Hexadecane (C16)

R.T.: 9.847 min
Delta R.T.: -0.007 min
Response: 6740612
Conc: 43.15 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.283 min
Delta R.T.: -0.005 min
Response: 6838392
Conc: 42.63 ug/ml



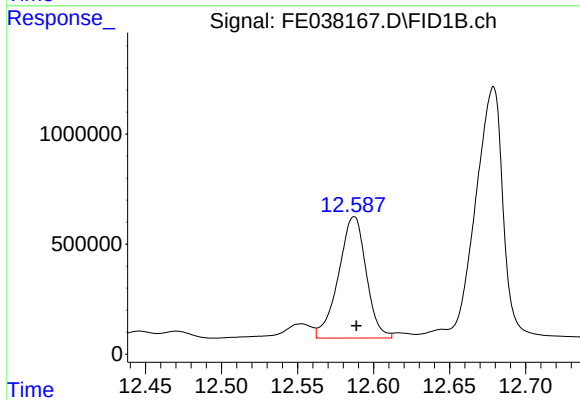
#9 ortho-Terphenyl (SURR)

R.T.: 11.607 min
Delta R.T.: -0.005 min
Response: 5150017
Conc: 29.78 ug/ml

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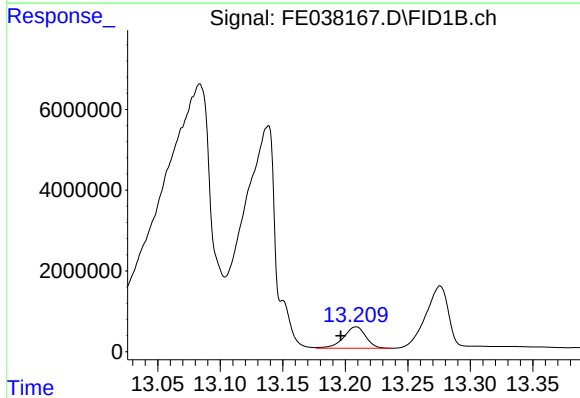
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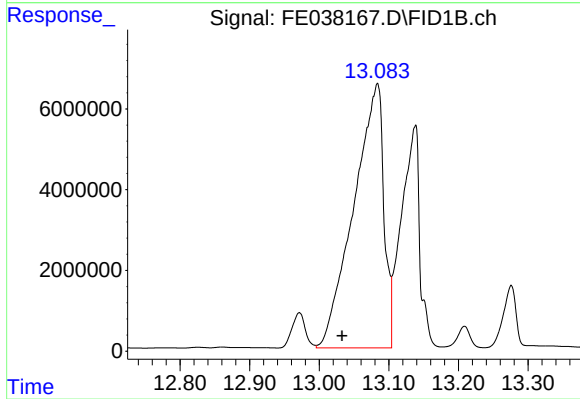
#10 n-Eicosane (C20)

R.T.: 12.587 min
Delta R.T.: -0.001 min
Response: 6982987
Conc: 42.82 ug/ml



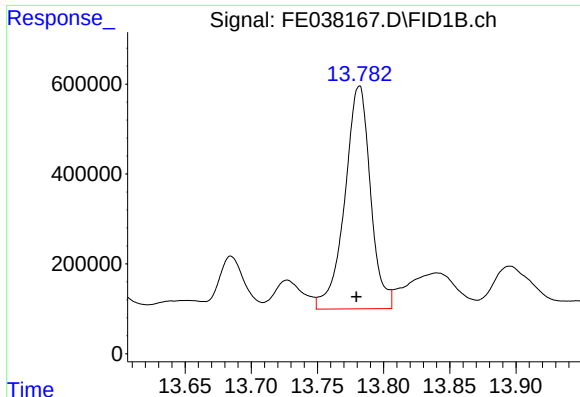
#11 n-Heneicosane (C21)

R.T.: 13.209 min
Delta R.T.: 0.012 min
Response: 6563214
Conc: 39.83 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.084 min
Delta R.T.: 0.051 min
Response: 196450378
Conc: 1453.44 ug/ml



#13 n-Docosane (C22)

R.T.: 13.782 min
Delta R.T.: 0.002 min
Response: 6703869
Conc: 40.73 ug/ml

Instrument :

FID_E

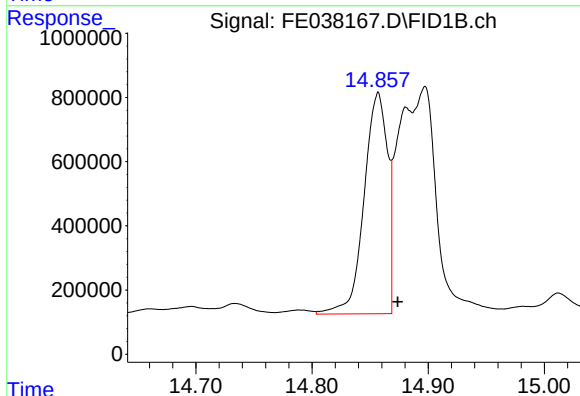
ClientSampleId :

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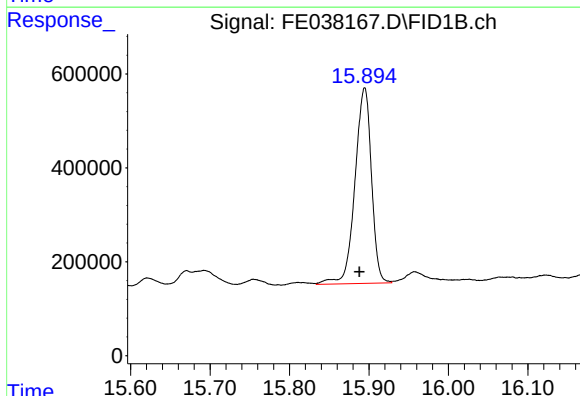
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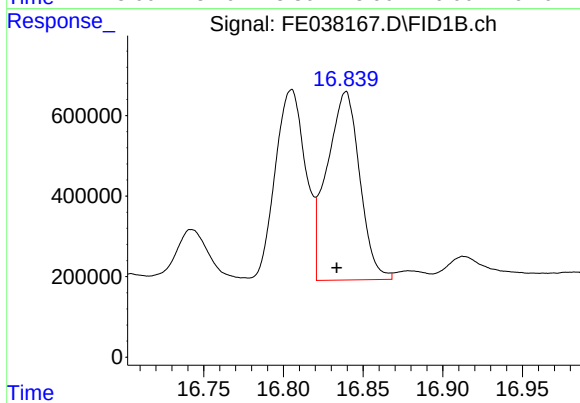
#14 n-Tetracosane (C24)

R.T.: 14.857 min
Delta R.T.: -0.017 min
Response: 9676526
Conc: 59.00 ug/ml



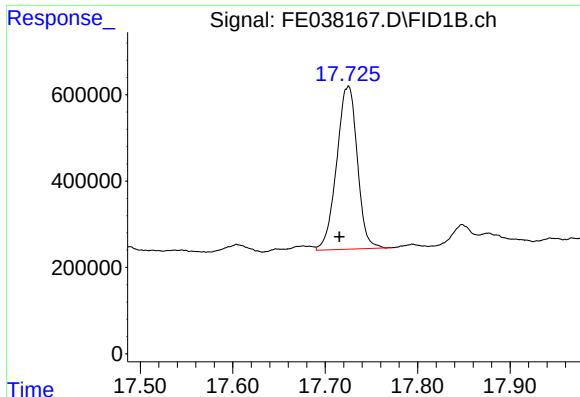
#15 n-Hexacosane (C26)

R.T.: 15.894 min
Delta R.T.: 0.006 min
Response: 6010940
Conc: 36.86 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.839 min
Delta R.T.: 0.005 min
Response: 6669353
Conc: 41.63 ug/ml



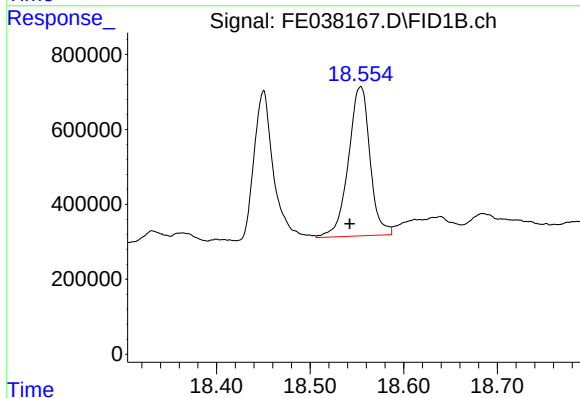
#17 n-Tricontane (C30)

R.T.: 17.725 min
Delta R.T.: 0.009 min
Response: 5845790
Conc: 36.53 ug/ml

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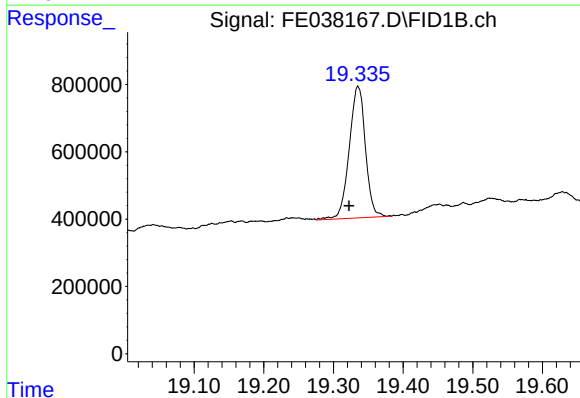
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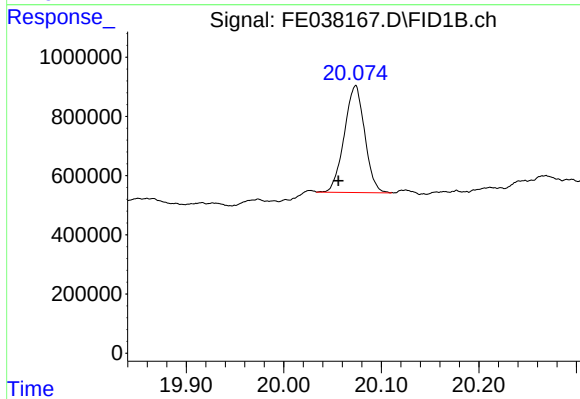
#18 n-Dotriacontane (C32)

R.T.: 18.554 min
Delta R.T.: 0.011 min
Response: 6384665
Conc: 40.55 ug/ml



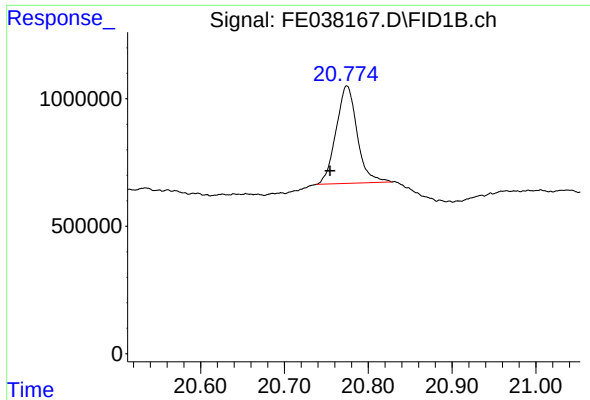
#19 n-Tetratriacontane (C34)

R.T.: 19.335 min
Delta R.T.: 0.013 min
Response: 6310434
Conc: 42.59 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.074 min
Delta R.T.: 0.018 min
Response: 5242161
Conc: 36.36 ug/ml m



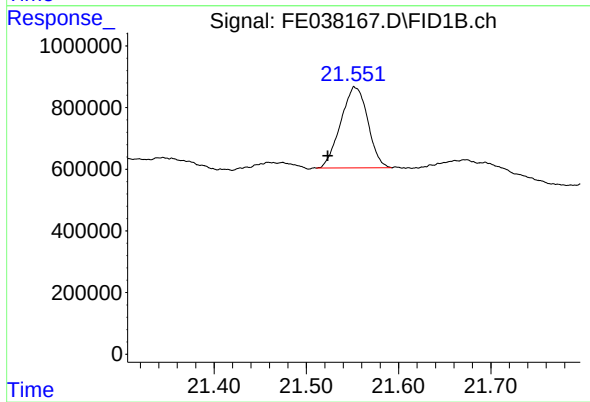
#21 n-Octatriacontane (C38)

R.T.: 20.774 min
Delta R.T.: 0.019 min
Response: 6688635
Conc: 49.29 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.551 min
Delta R.T.: 0.028 min
Response: 5351470
Conc: 42.04 ug/ml m