

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE110724AL\
 Data File : FE051079.D
 Signal(s) : FID1B.ch
 Acq On : 06 Nov 2024 18:53
 Operator : YP\AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 5 PPM ALIPHATIC HC STD5

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/07/2024
 Supervised By :Ankita Jodhani 11/07/2024

Integration File: autoint1.e
 Quant Time: Nov 07 04:51:22 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 110724.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 07 04:50:43 2024
 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)	11.849	781023	5.407 ug/ml
Spiked Amount 50.000		Recovery =	10.81%
12) S 1-chlorooctadecane (S...	13.282	577997	5.240 ug/ml
Spiked Amount 50.000		Recovery =	10.48%
Target Compounds			
1) T n-Nonane (C9)	3.239	708000	5.280 ug/ml
2) T n-Decane (C10)	4.489	713817	5.246 ug/ml
3) T A~Naphthalene (C11.7)	6.207	571648	4.249 ug/ml
4) T n-Dodecane (C12)	6.657	723070	5.287 ug/ml
5) T A~2-methylnaphthalene...	7.303	546326	4.316 ug/ml
6) T n-Tetradecane (C14)	8.483	717946	5.324 ug/ml
7) T n-Hexadecane (C16)	10.088	729959	5.316 ug/ml
8) T n-Octadecane (C18)	11.528	739553	5.372 ug/ml
10) T n-Eicosane (C20)	12.836	716888	5.452 ug/ml
11) T n-Heneicosane (C21)	13.447	695602	5.404 ug/ml
13) T n-Docosane (C22)	14.031	694430	5.432 ug/ml
14) T n-Tetracosane (C24)	15.133	692936	5.418 ug/ml
15) T n-Hexacosane (C26)	16.151	703789	5.462 ug/ml
16) T n-Octacosane (C28)	17.100	731057	5.612 ug/ml
17) T n-Tricontane (C30)	17.987	808062	5.882 ug/ml
18) T n-Dotriacontane (C32)	18.818	849237	6.107 ug/ml
19) T n-Tetratriacontane (C34)	19.602	750913	5.929 ug/ml
20) T n-Hexatriacontane (C36)	20.341	647398	5.720 ug/ml
21) T n-Octatriacontane (C38)	21.063	614335	5.747 ug/ml
22) T n-Tetracontane (C40)	21.941	608672	5.920 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Data File : FE051079.D
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Acq On : 06 Nov 2024 18:53
Operator : YP\AJ
Sample : 5 PPM ALIPHATIC HC STD5
Misc :
ALS Vial : 21 Sample Multiplier: 1

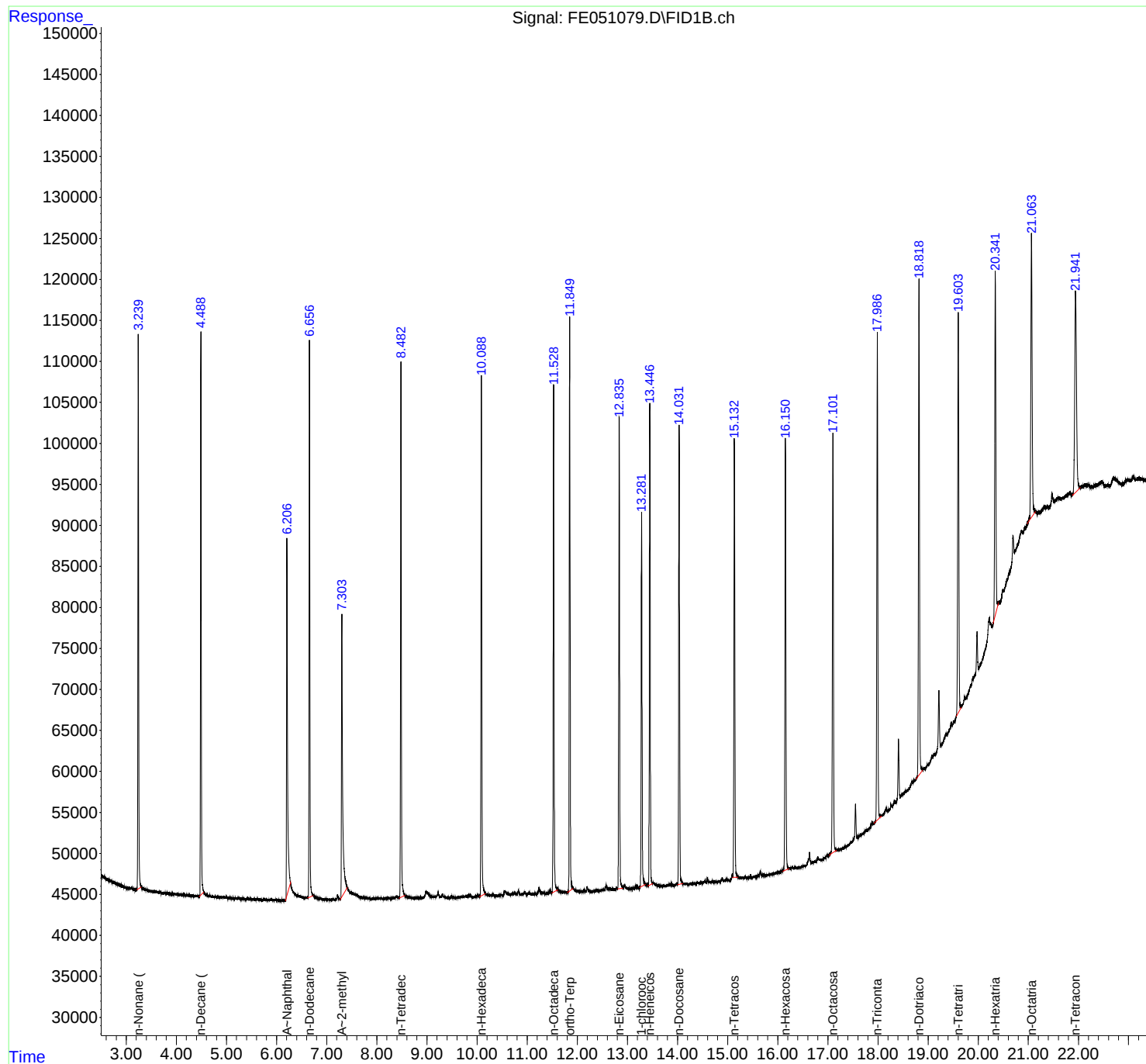
Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5

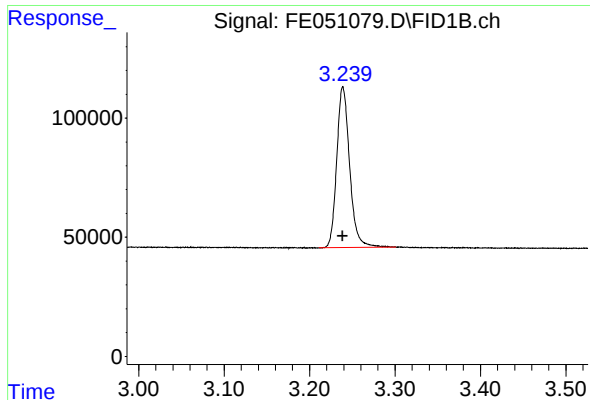
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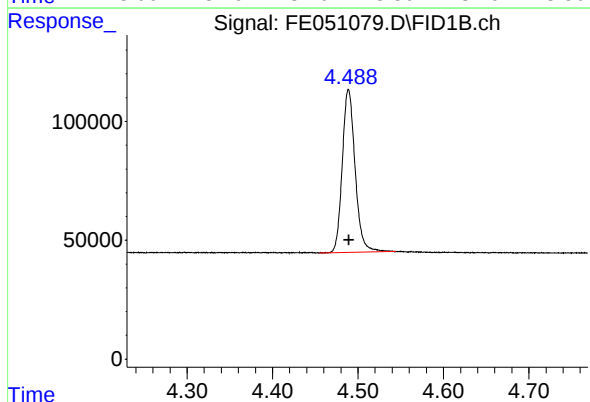
#1 n-Nonane (C9)

R.T.: 3.239 min
Delta R.T.: 0.000 min
Response: 708000
Conc: 5.28 ug/ml

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5

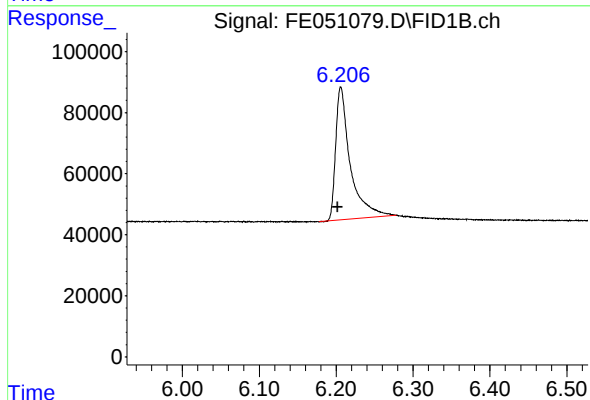
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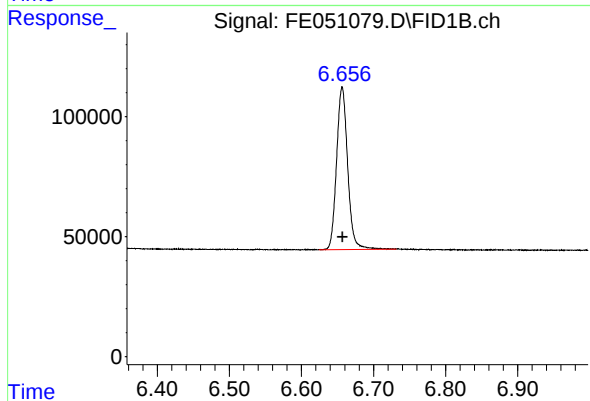
#2 n-Decane (C10)

R.T.: 4.489 min
Delta R.T.: 0.000 min
Response: 713817
Conc: 5.25 ug/ml



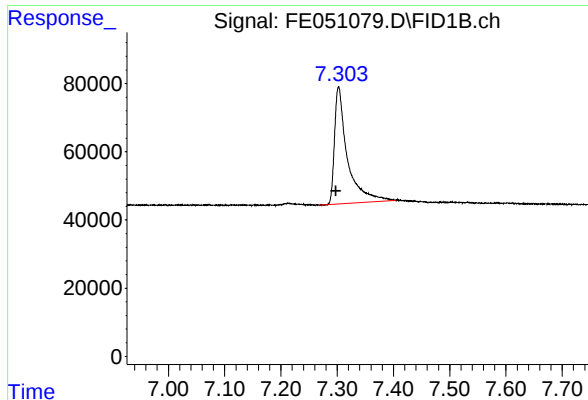
#3 A~Naphthalene (C11.7)

R.T.: 6.207 min
Delta R.T.: 0.005 min
Response: 571648
Conc: 4.25 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.657 min
Delta R.T.: 0.000 min
Response: 723070
Conc: 5.29 ug/ml



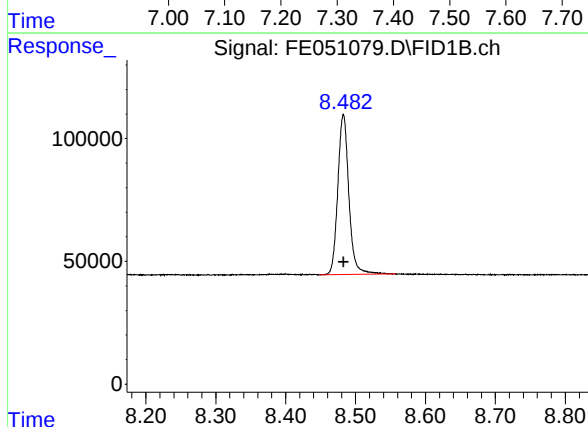
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.303 min
Delta R.T.: 0.005 min
Response: 546326
Conc: 4.32 ug/ml

Instrument : FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5

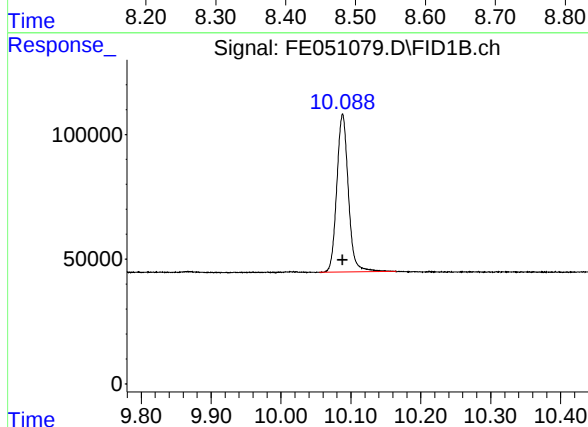
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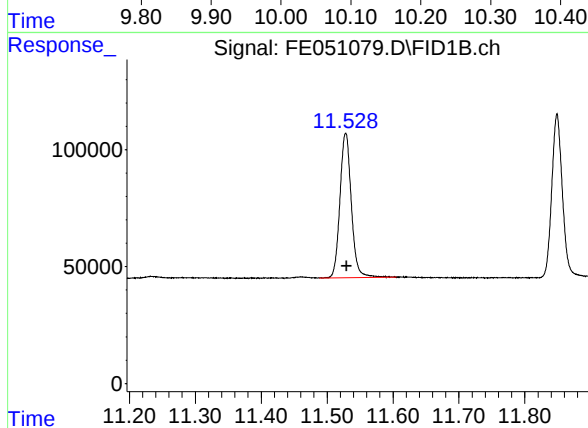
#6 n-Tetradecane (C14)

R.T.: 8.483 min
Delta R.T.: 0.000 min
Response: 717946
Conc: 5.32 ug/ml



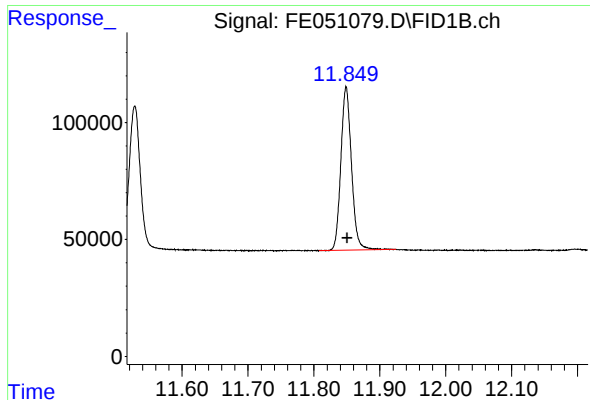
#7 n-Hexadecane (C16)

R.T.: 10.088 min
Delta R.T.: 0.000 min
Response: 729959
Conc: 5.32 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.528 min
Delta R.T.: -0.002 min
Response: 739553
Conc: 5.37 ug/ml



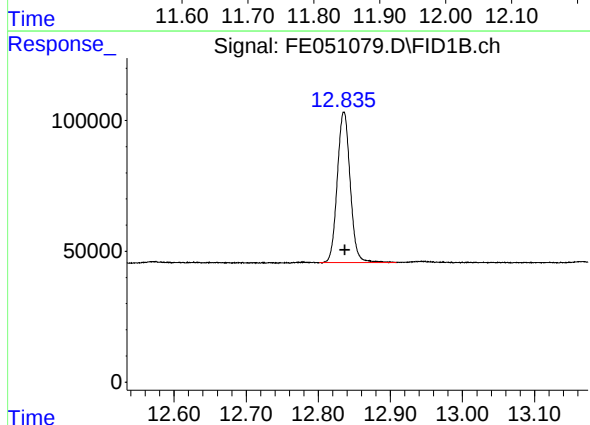
#9 ortho-Terphenyl (SURR)

R.T.: 11.849 min
Delta R.T.: -0.002 min
Response: 781023
Conc: 5.41 ug/ml

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5

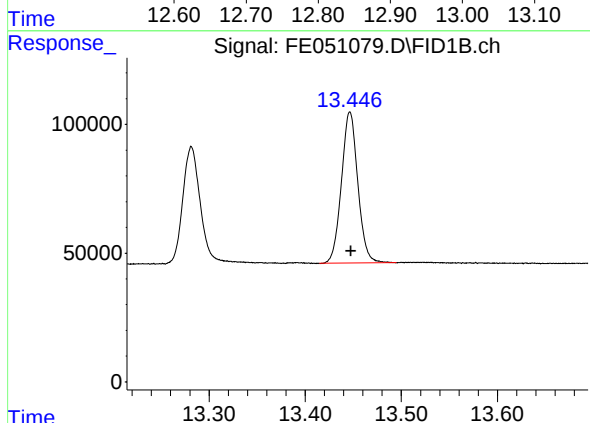
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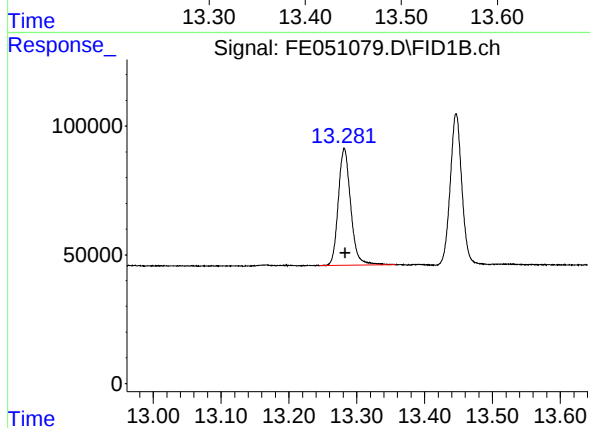
#10 n-Eicosane (C20)

R.T.: 12.836 min
Delta R.T.: -0.001 min
Response: 716888
Conc: 5.45 ug/ml



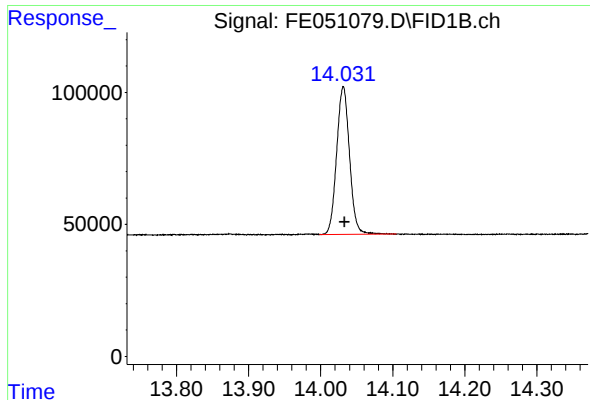
#11 n-Heneicosane (C21)

R.T.: 13.447 min
Delta R.T.: -0.001 min
Response: 695602
Conc: 5.40 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.282 min
Delta R.T.: -0.001 min
Response: 577997
Conc: 5.24 ug/ml



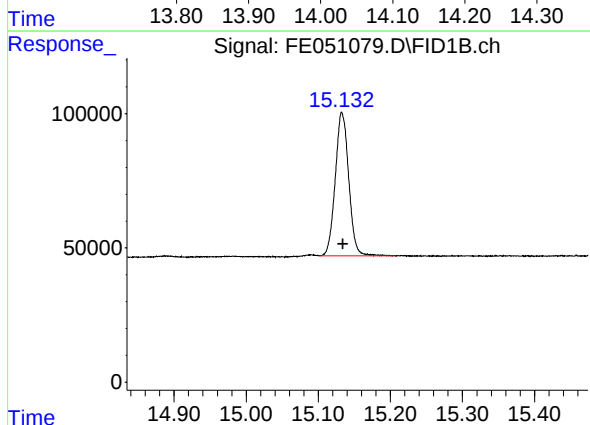
#13 n-Docosane (C22)

R.T.: 14.031 min
Delta R.T.: -0.002 min
Response: 694430
Conc: 5.43 ug/ml

Instrument :
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5 PPM ALIPHATIC HC STD5

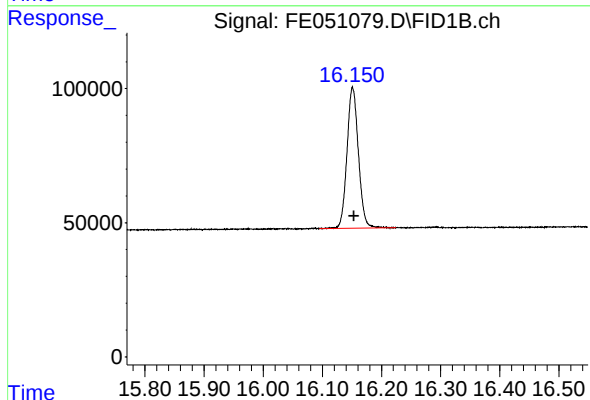
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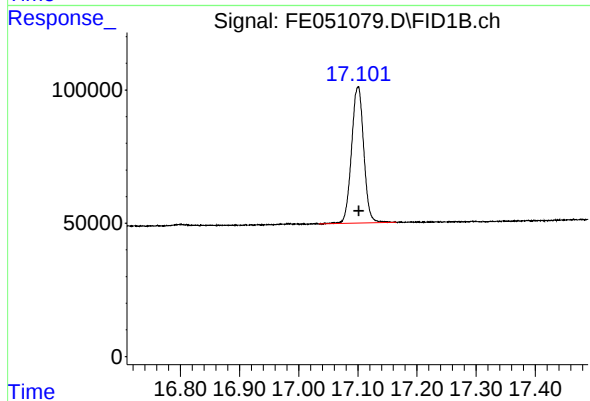
#14 n-Tetracosane (C24)

R.T.: 15.133 min
Delta R.T.: -0.001 min
Response: 692936
Conc: 5.42 ug/ml



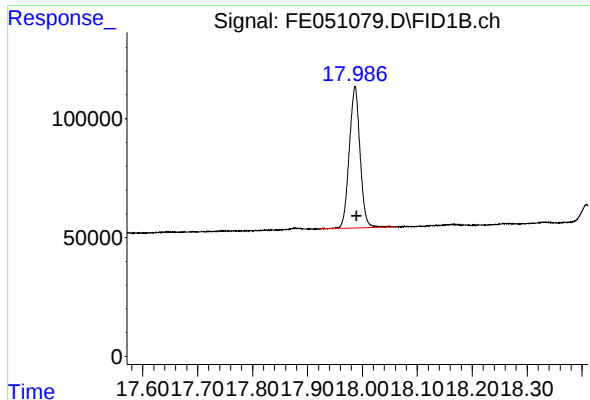
#15 n-Hexacosane (C26)

R.T.: 16.151 min
Delta R.T.: -0.002 min
Response: 703789
Conc: 5.46 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.100 min
Delta R.T.: -0.002 min
Response: 731057
Conc: 5.61 ug/ml



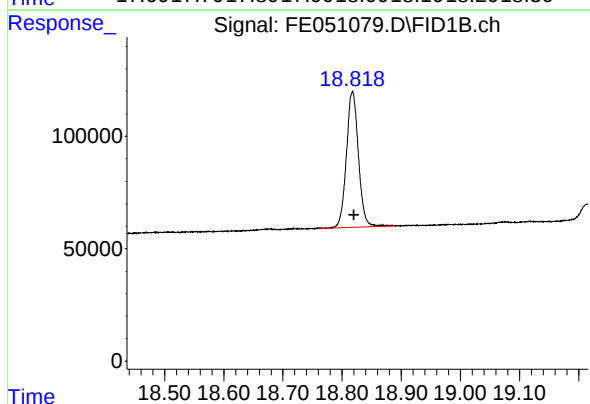
#17 n-Tricontane (C30)

R.T.: 17.987 min
Delta R.T.: -0.003 min
Response: 808062
Conc: 5.88 ug/ml

Instrument :
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5 PPM ALIPHATIC HC STD5

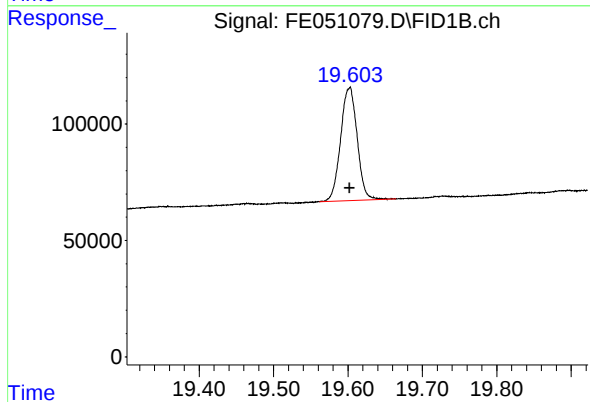
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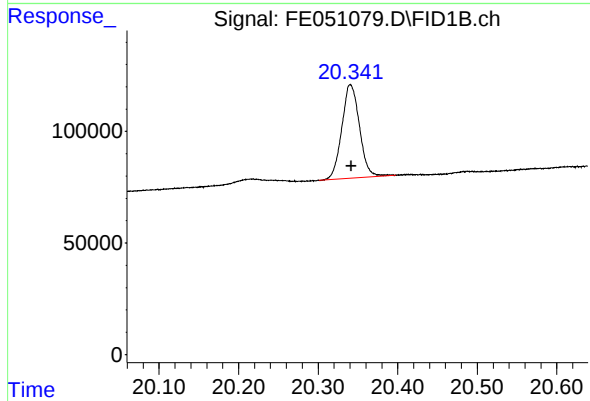
#18 n-Dotriacontane (C32)

R.T.: 18.818 min
Delta R.T.: -0.002 min
Response: 849237
Conc: 6.11 ug/ml



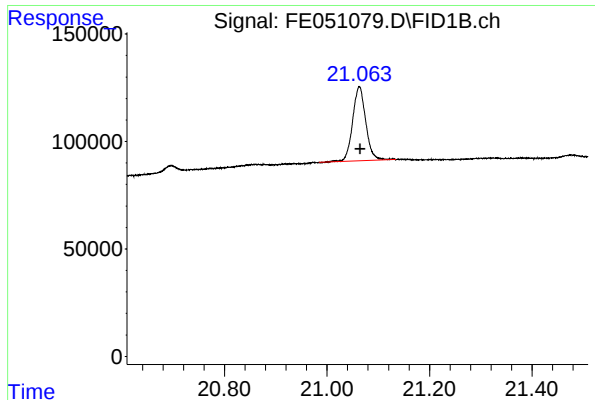
#19 n-Tetratriacontane (C34)

R.T.: 19.602 min
Delta R.T.: 0.000 min
Response: 750913
Conc: 5.93 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.341 min
Delta R.T.: 0.000 min
Response: 647398
Conc: 5.72 ug/ml



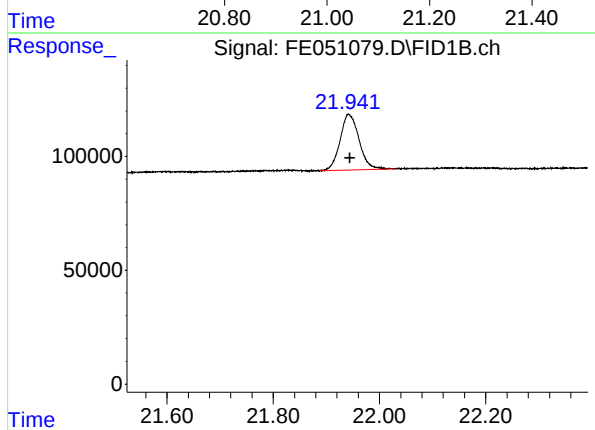
#21 n-Octatriacontane (C38)

R.T.: 21.063 min
Delta R.T.: -0.002 min
Response: 614335
Conc: 5.75 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.941 min
Delta R.T.: -0.004 min
Response: 608672
Conc: 5.92 ug/ml m