

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE110323AL\
 Data File : FE045186.D
 Signal(s) : FID1B.ch
 Acq On : 03 Nov 2023 19:58
 Operator : YP\AJ
 Sample : 05234-03MSD
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

SP-BMSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 11/06/2023

Supervised By :mohammad ahmed 11/06/2023

Integration File: autoint1.e

Quant Time: Nov 03 23:04:51 2023

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 101223.M

Quant Title : GC Extractables

QLast Update : Thu Oct 12 06:15:32 2023

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)	11.894	6450231	32.176 ug/mlm
Spiked Amount 50.000		Recovery =	64.35%
12) S 1-chlorooctadecane (S...	13.334	4860762	32.846 ug/mlm
Spiked Amount 50.000		Recovery =	65.69%
Target Compounds			
1) T n-Nonane (C9)	3.276	4088426	24.372 ug/ml
2) T n-Decane (C10)	4.528	4640869	27.243 ug/mlm
3) T A~Naphthalene (C11.7)	6.227	5376350	29.043 ug/ml
4) T n-Dodecane (C12)	6.693	5091707	29.497 ug/ml
5) T A~2-methylnaphthalene...	7.323	5408147	29.980 ug/ml
6) T n-Tetradecane (C14)	8.521	5632106	32.844 ug/ml
7) T n-Hexadecane (C16)	10.132	6167391	35.269 ug/mlm
8) T n-Octadecane (C18)	11.580	6385479	36.611 ug/mlm
10) T n-Eicosane (C20)	12.891	6275023	37.568 ug/mlm
11) T n-Heneicosane (C21)	13.504	5967081	36.605 ug/mlm
13) T n-Docosane (C22)	14.090	5764292	36.037 ug/ml
14) T n-Tetracosane (C24)	15.178	11699381	75.384 ug/ml
15) T n-Hexacosane (C26)	16.219	5525944	36.806 ug/ml
16) T n-Octacosane (C28)	17.168	5604933	38.169 ug/mlm
17) T n-Tricontane (C30)	18.060	5633632	37.878 ug/ml
18) T n-Dotriacontane (C32)	18.895	5690763	37.914 ug/ml
19) T n-Tetratriacontane (C34)	19.680	5770952	38.767 ug/mlm
20) T n-Hexatriacontane (C36)	20.420	5752289	37.416 ug/mlm
21) T n-Octatriacontane (C38)	21.161	5943870	38.050 ug/mlm
22) T n-Tetracontane (C40)	22.081	6008479	35.953 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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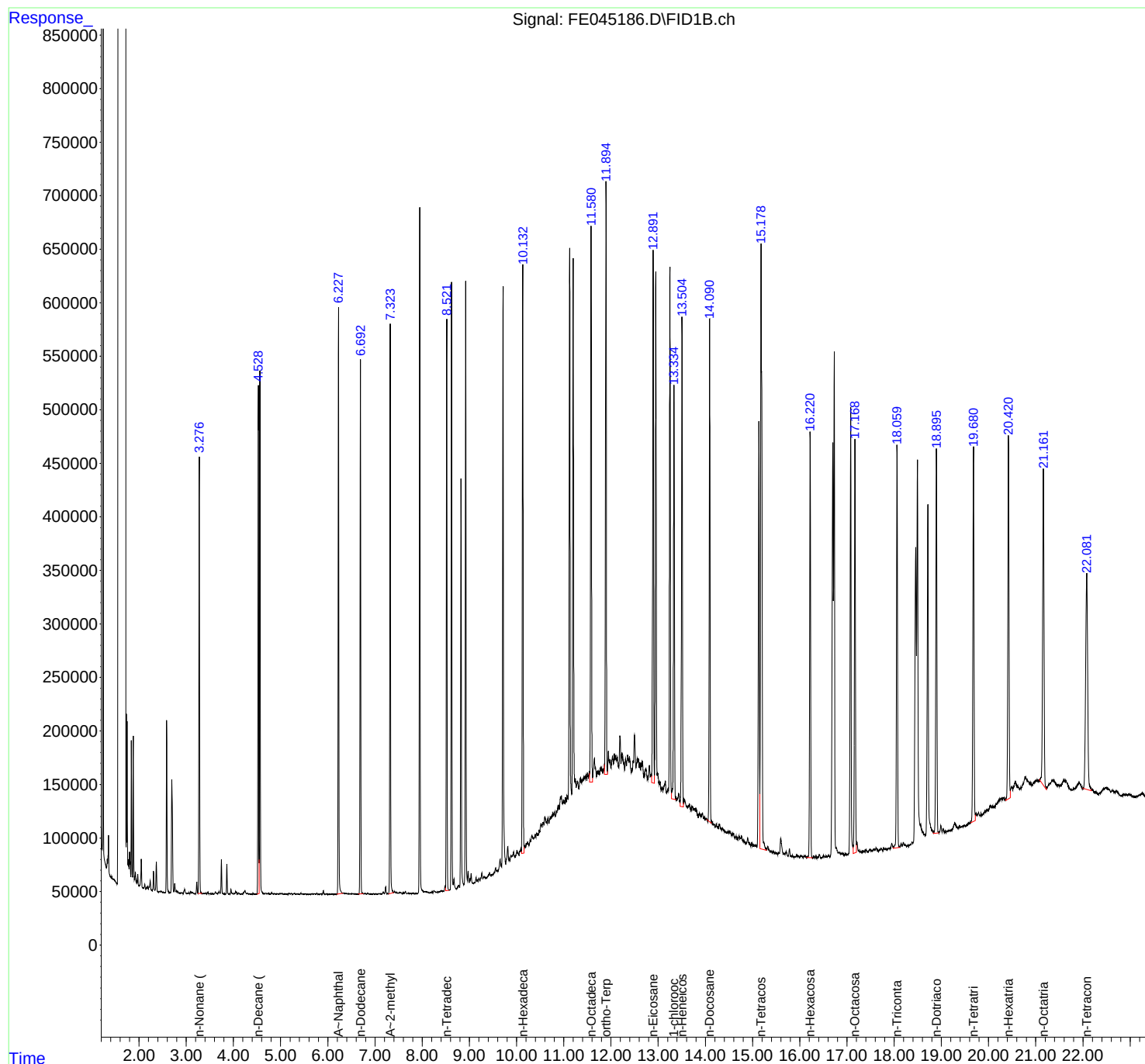
Response via : Initial Calibration

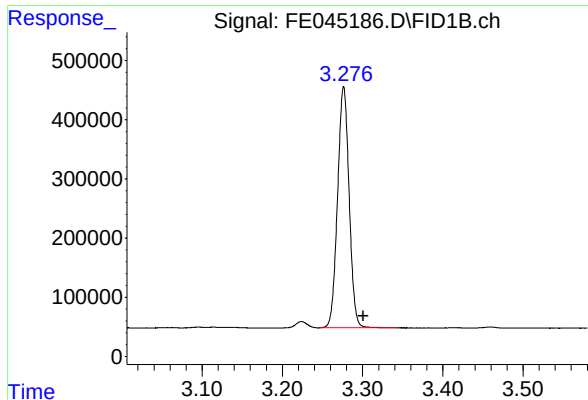
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





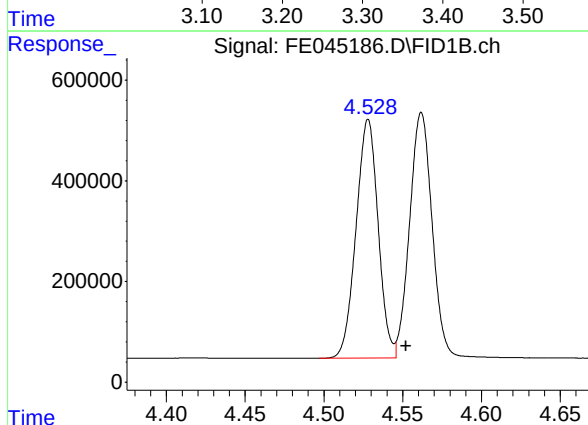
#1 n-Nonane (C9)

R.T.: 3.276 min
Delta R.T.: -0.025 min
Response: 4088426
Conc: 24.37 ug/ml

Instrument :
FID_E
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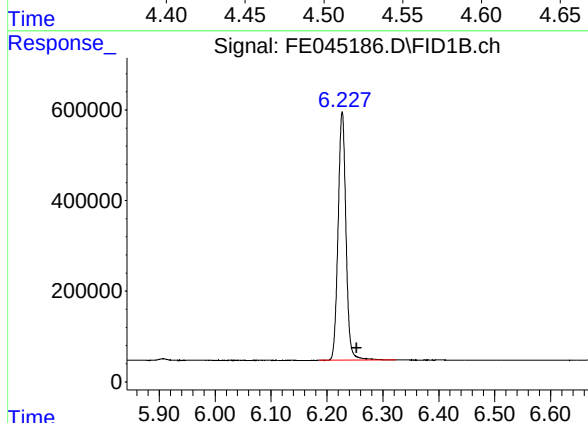
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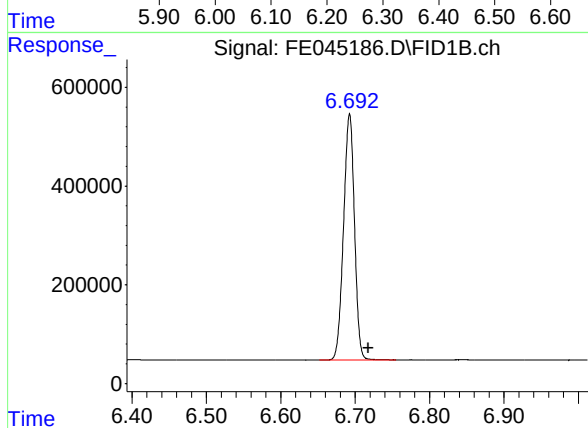
#2 n-Decane (C10)

R.T.: 4.528 min
Delta R.T.: -0.024 min
Response: 4640869
Conc: 27.24 ug/ml



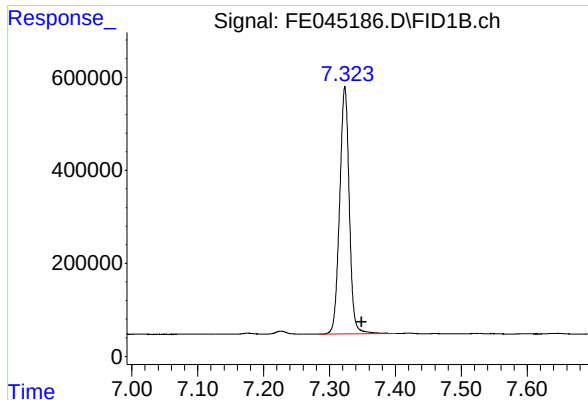
#3 A~Naphthalene (C11.7)

R.T.: 6.227 min
Delta R.T.: -0.026 min
Response: 5376350
Conc: 29.04 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.693 min
Delta R.T.: -0.025 min
Response: 5091707
Conc: 29.50 ug/ml



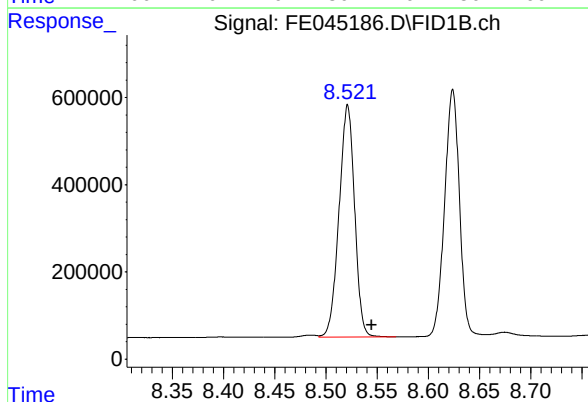
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.323 min
Delta R.T.: -0.026 min
Response: 5408147
Conc: 29.98 ug/ml

Instrument :
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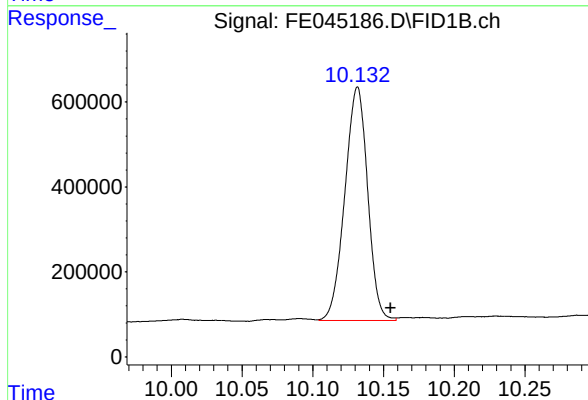
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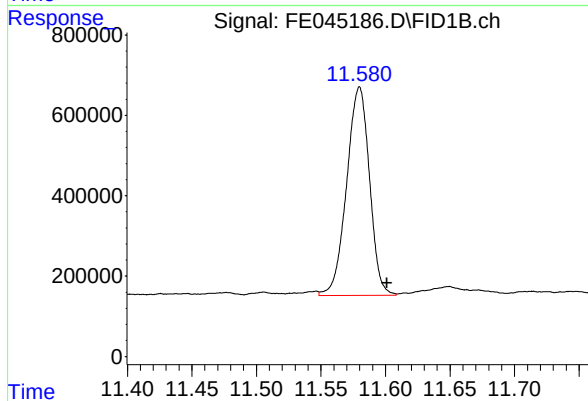
#6 n-Tetradecane (C14)

R.T.: 8.521 min
Delta R.T.: -0.023 min
Response: 5632106
Conc: 32.84 ug/ml



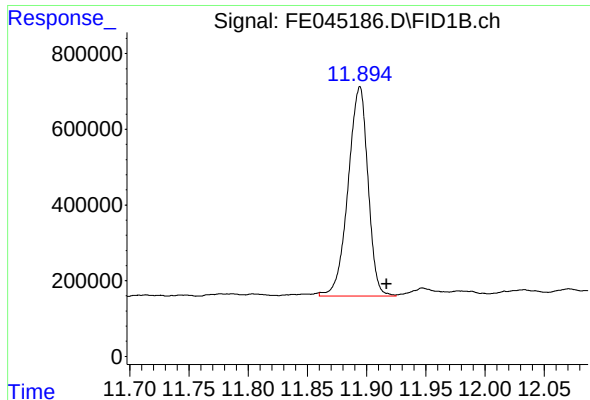
#7 n-Hexadecane (C16)

R.T.: 10.132 min
Delta R.T.: -0.024 min
Response: 6167391
Conc: 35.27 ug/ml m



#8 n-Octadecane (C18)

R.T.: 11.580 min
Delta R.T.: -0.022 min
Response: 6385479
Conc: 36.61 ug/ml m



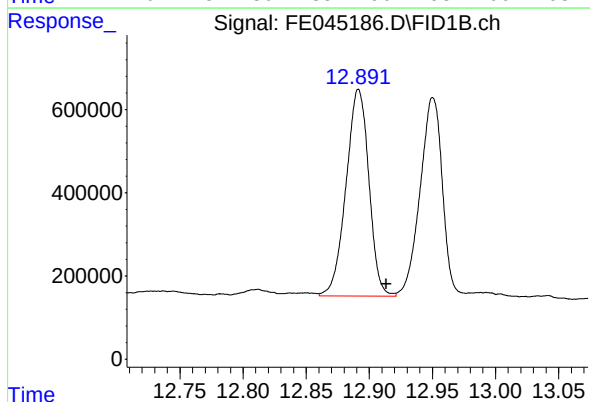
#9 ortho-Terphenyl (SURR)

R.T.: 11.894 min
Delta R.T.: -0.023 min
Response: 6450231
Conc: 32.18 ug/ml

Instrument :
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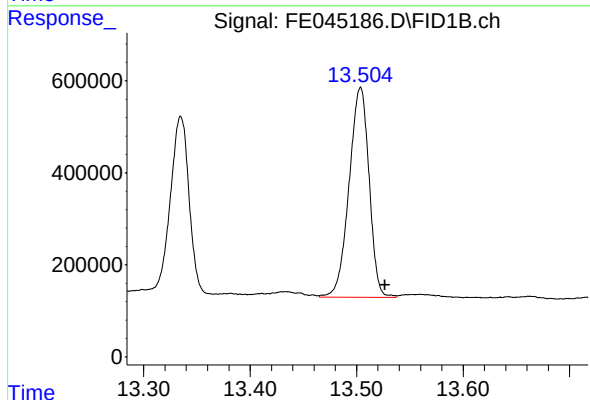
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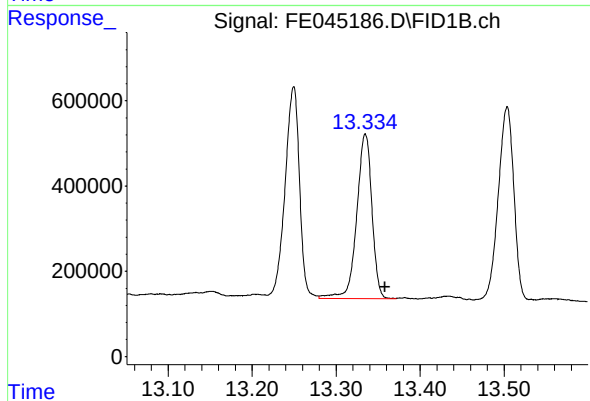
#10 n-Eicosane (C20)

R.T.: 12.891 min
Delta R.T.: -0.022 min
Response: 6275023
Conc: 37.57 ug/ml m



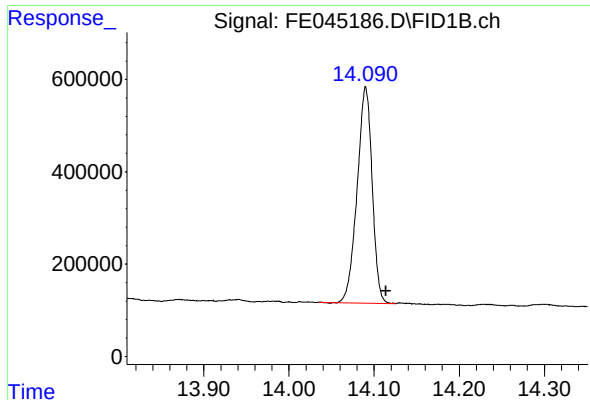
#11 n-Heneicosane (C21)

R.T.: 13.504 min
Delta R.T.: -0.023 min
Response: 5967081
Conc: 36.61 ug/ml m



#12 1-chlorooctadecane (SURR)

R.T.: 13.334 min
Delta R.T.: -0.024 min
Response: 4860762
Conc: 32.85 ug/ml m



#13 n-Docosane (C22)

R.T.: 14.090 min
Delta R.T.: -0.024 min
Response: 5764292
Conc: 36.04 ug/ml

Instrument :

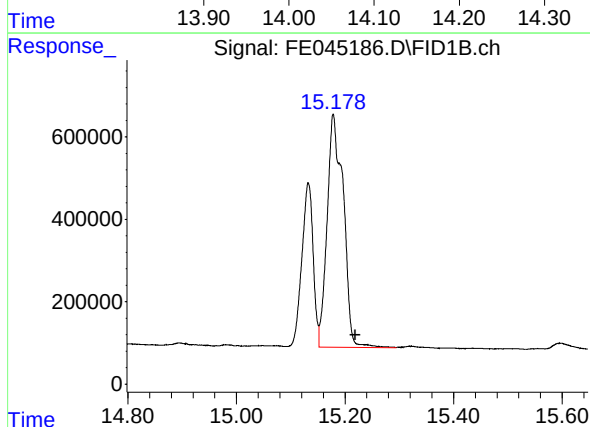
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ClientSampleId :

SP-BMSD

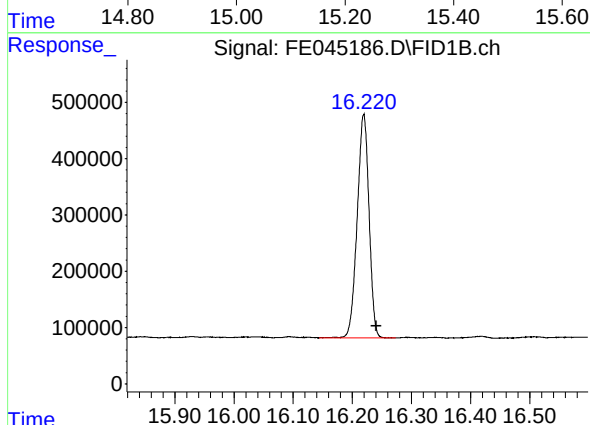
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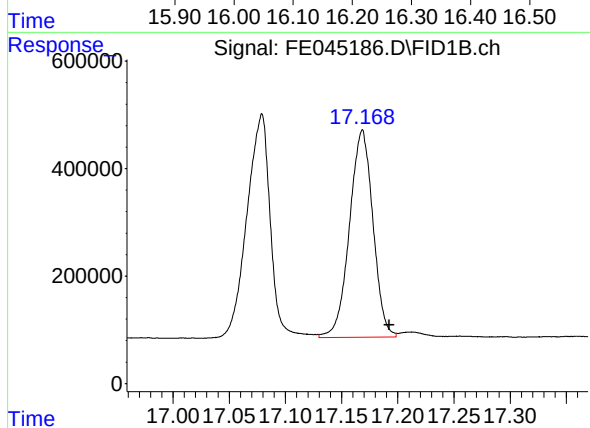
#14 n-Tetracosane (C24)

R.T.: 15.178 min
Delta R.T.: -0.040 min
Response: 11699381
Conc: 75.38 ug/ml



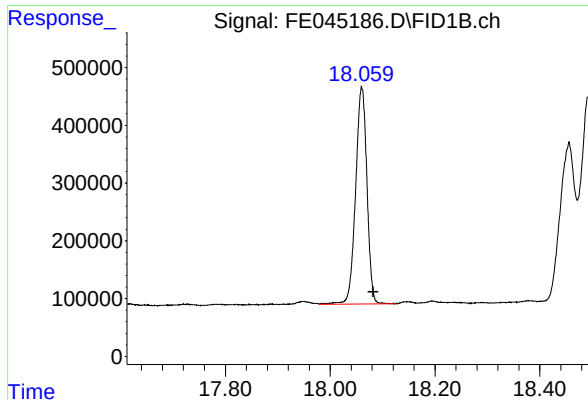
#15 n-Hexacosane (C26)

R.T.: 16.219 min
Delta R.T.: -0.021 min
Response: 5525944
Conc: 36.81 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.168 min
Delta R.T.: -0.024 min
Response: 5604933
Conc: 38.17 ug/ml m



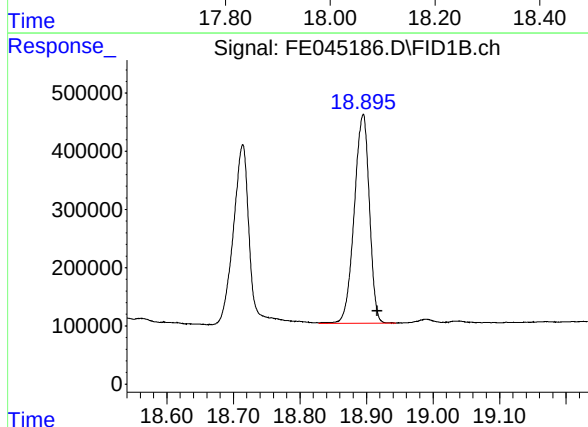
#17 n-Tricontane (C30)

R.T.: 18.060 min
Delta R.T.: -0.021 min
Response: 5633632
Conc: 37.88 ug/ml

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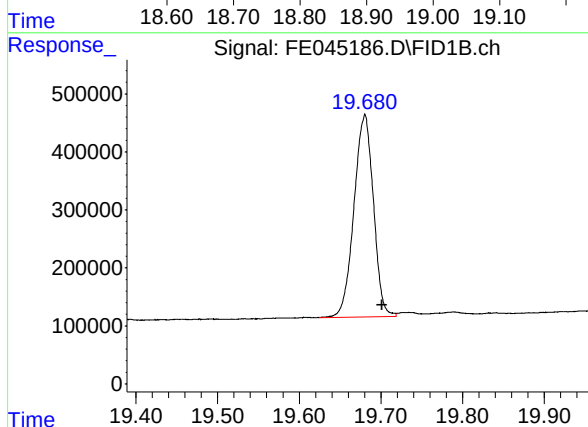
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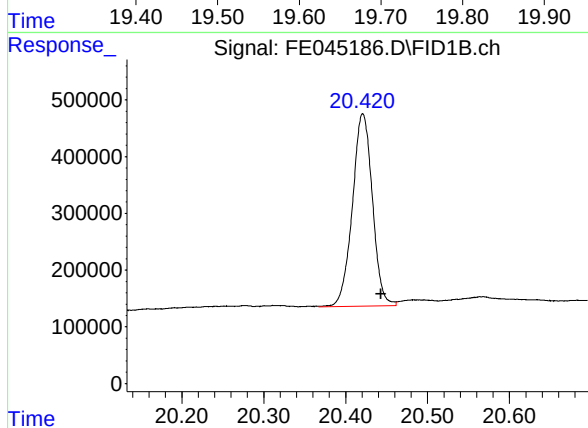
#18 n-Dotriacontane (C32)

R.T.: 18.895 min
Delta R.T.: -0.021 min
Response: 5690763
Conc: 37.91 ug/ml



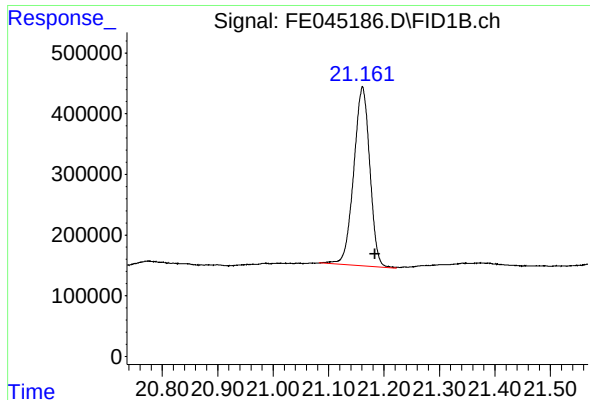
#19 n-Tetratriacontane (C34)

R.T.: 19.680 min
Delta R.T.: -0.021 min
Response: 5770952
Conc: 38.77 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.420 min
Delta R.T.: -0.022 min
Response: 5752289
Conc: 37.42 ug/ml m



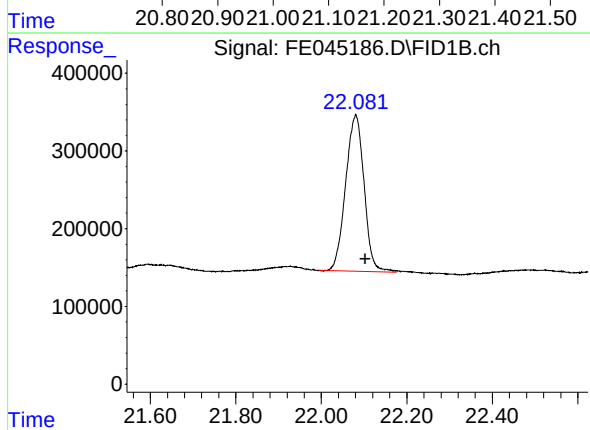
#21 n-Octatriacontane (C38)

R.T.: 21.161 min
Delta R.T.: -0.024 min
Response: 5943870
Conc: 38.05 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.081 min
Delta R.T.: -0.023 min
Response: 6008479
Conc: 35.95 ug/ml m