

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE110823AL\
 Data File : FE045233.D
 Signal(s) : FID1B.ch
 Acq On : 08 Nov 2023 17:21
 Operator : YP\AJ
 Sample : 05279-01MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

TP-1MS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/09/2023

Supervised By :Ankita Jodhani 11/09/2023

Integration File: autoint1.e

Quant Time: Nov 08 23:10:32 2023

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 110423.M

Quant Title : GC Extractables

QLast Update : Sat Nov 04 05:16:05 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)	11.886	5860446	30.695 ug/ml
Spiked Amount 50.000		Recovery =	61.39%
12) S 1-chlorooctadecane (S...	13.329	4493749	32.625 ug/ml
Spiked Amount 50.000		Recovery =	65.25%
Target Compounds			
1) T n-Nonane (C9)	3.272	4677194	28.312 ug/ml
2) T n-Decane (C10)	4.524	5290893	31.554 ug/ml
3) T A~Naphthalene (C11.7)	6.223	6092709	34.133 ug/ml
4) T n-Dodecane (C12)	6.689	5744693	34.015 ug/ml
5) T A~2-methylnaphthalene...	7.319	6002480	34.955 ug/ml
6) T n-Tetradecane (C14)	8.517	6113041	36.678 ug/ml
7) T n-Hexadecane (C16)	10.127	6564129	39.025 ug/ml
8) T n-Octadecane (C18)	11.573	6808582	40.680 ug/ml
10) T n-Eicosane (C20)	12.885	6748002	42.599 ug/ml
11) T n-Heneicosane (C21)	13.497	6380147	41.495 ug/ml
13) T n-Docosane (C22)	14.085	6332903	41.797 ug/ml
14) T n-Tetracosane (C24)	15.171	12790193	86.356 ug/mlm
15) T n-Hexacosane (C26)	16.215	6135207	42.092 ug/ml
16) T n-Octacosane (C28)	17.165	6247589	42.754 ug/ml
17) T n-Tricontane (C30)	18.057	6266211	41.253 ug/ml
18) T n-Dotriacontane (C32)	18.890	6318852	40.448 ug/ml
19) T n-Tetratriacontane (C34)	19.676	6346465	40.647 ug/ml
20) T n-Hexatriacontane (C36)	20.418	6188369	38.125 ug/ml
21) T n-Octatriacontane (C38)	21.158	6402378	38.535 ug/ml
22) T n-Tetracontane (C40)	22.072	6406174	37.505 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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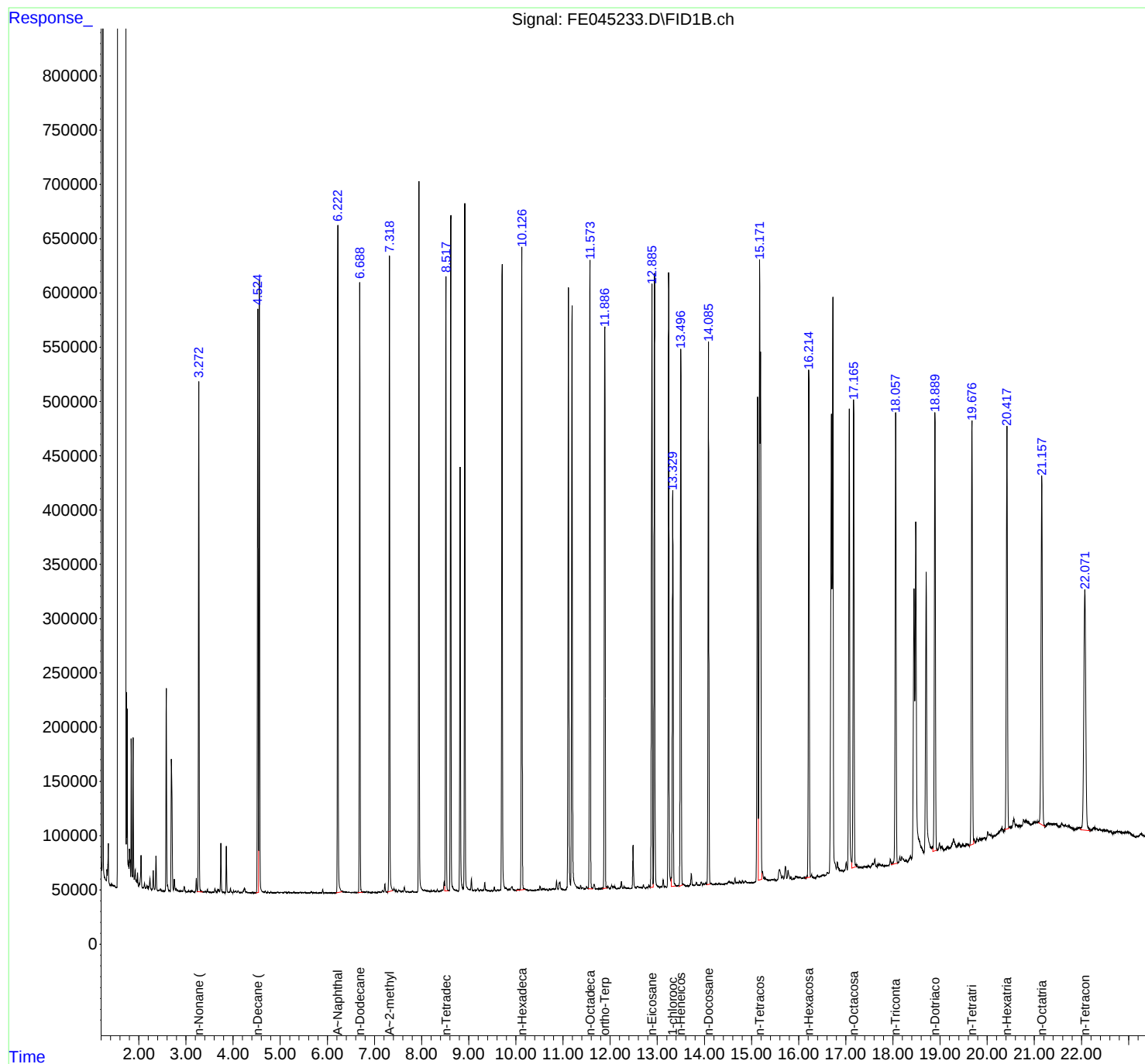
Instrument :
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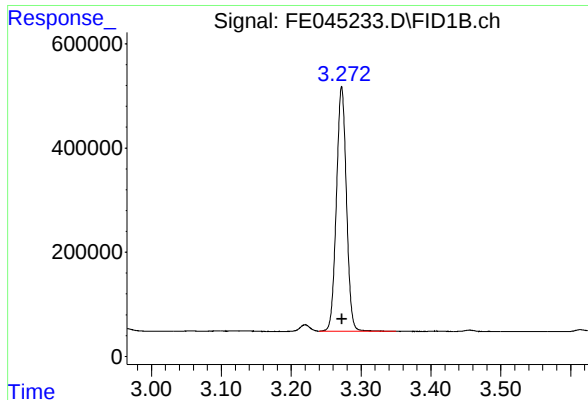
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.272 min
Delta R.T.: 0.000 min
Response: 4677194
Conc: 28.31 ug/ml

Instrument :

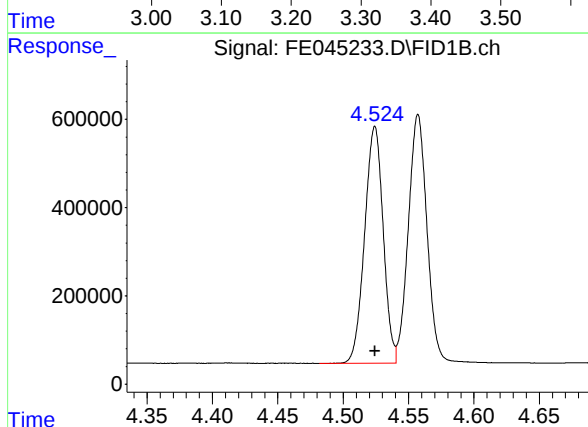
FID_E

ClientSampleId :

TP-1MS

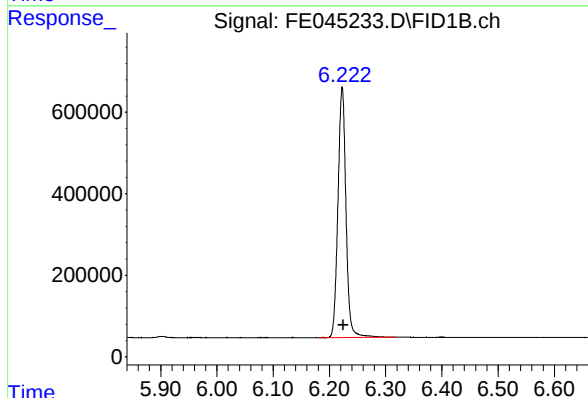
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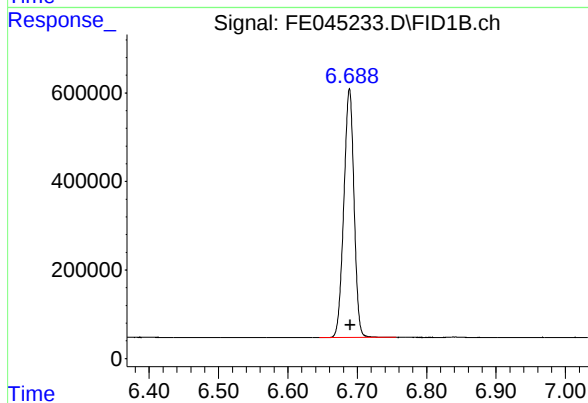
#2 n-Decane (C10)

R.T.: 4.524 min
Delta R.T.: 0.000 min
Response: 5290893
Conc: 31.55 ug/ml



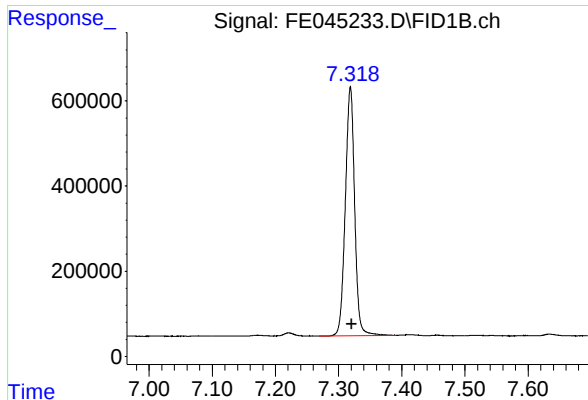
#3 A~Naphthalene (C11.7)

R.T.: 6.223 min
Delta R.T.: -0.002 min
Response: 6092709
Conc: 34.13 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.689 min
Delta R.T.: -0.002 min
Response: 5744693
Conc: 34.02 ug/ml



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

R.T.: 7.319 min
Delta R.T.: -0.002 min
Response: 6002480
Conc: 34.96 ug/ml

Instrument :

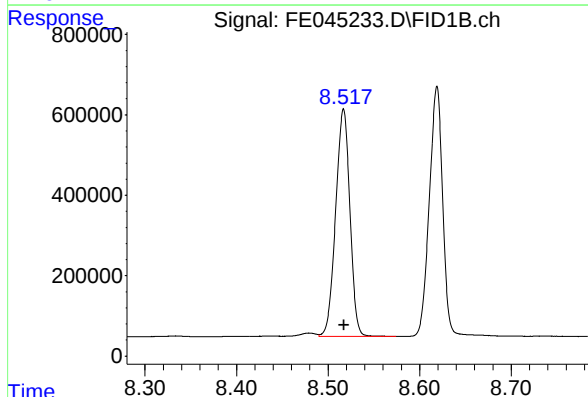
FID_E

ClientSampleId :

TP-1MS

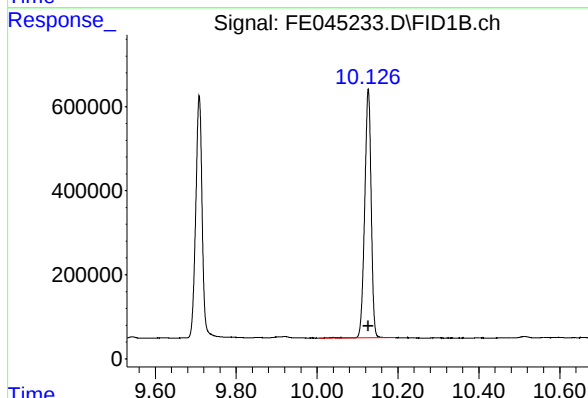
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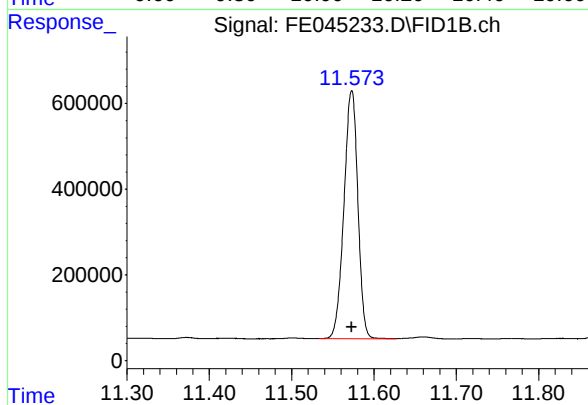
#6 n-Tetradecane (C14)

R.T.: 8.517 min
Delta R.T.: 0.000 min
Response: 6113041
Conc: 36.68 ug/ml



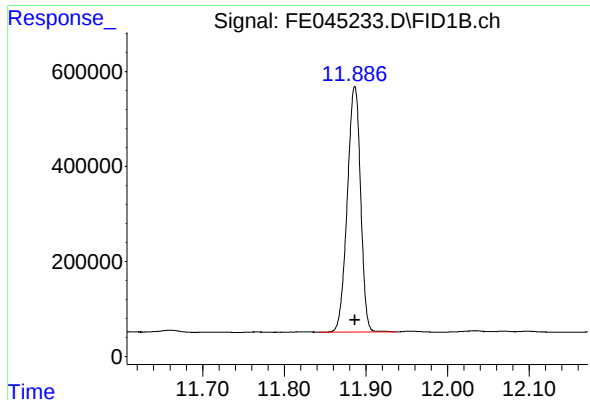
#7 n-Hexadecane (C16)

R.T.: 10.127 min
Delta R.T.: 0.000 min
Response: 6564129
Conc: 39.03 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.573 min
Delta R.T.: 0.000 min
Response: 6808582
Conc: 40.68 ug/ml



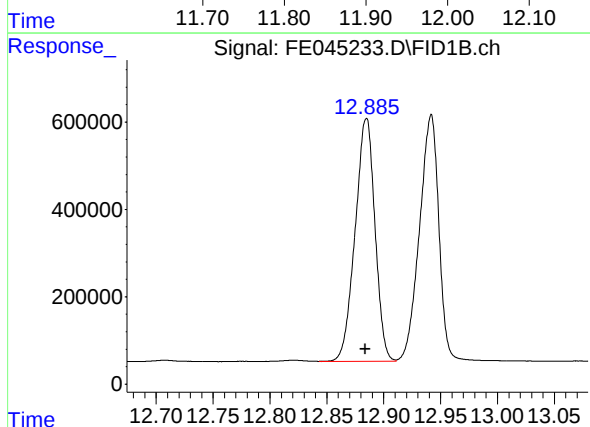
#9 ortho-Terphenyl (SURR)

R.T.: 11.886 min
Delta R.T.: 0.000 min
Response: 5860446
Conc: 30.69 ug/ml

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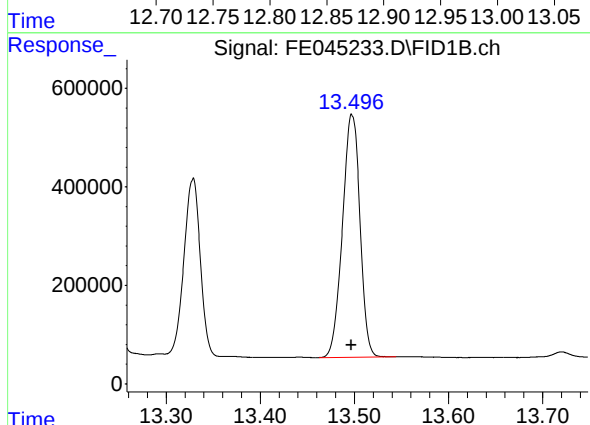
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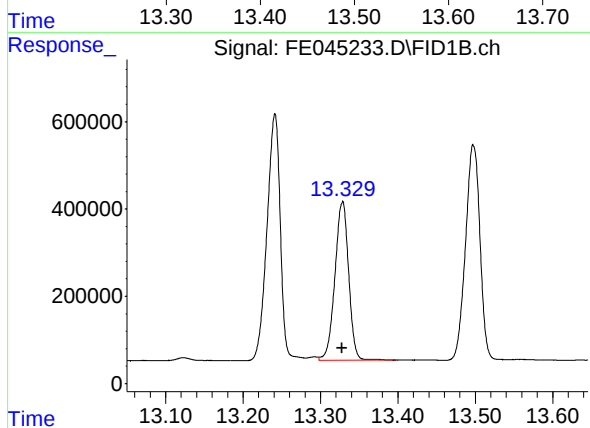
#10 n-Eicosane (C20)

R.T.: 12.885 min
Delta R.T.: 0.000 min
Response: 6748002
Conc: 42.60 ug/ml



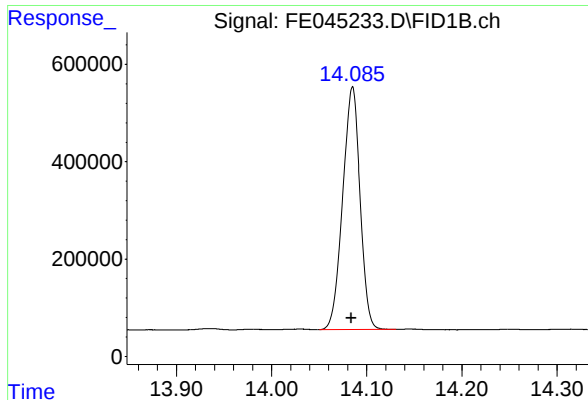
#11 n-Heneicosane (C21)

R.T.: 13.497 min
Delta R.T.: 0.000 min
Response: 6380147
Conc: 41.49 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.329 min
Delta R.T.: 0.000 min
Response: 4493749
Conc: 32.63 ug/ml



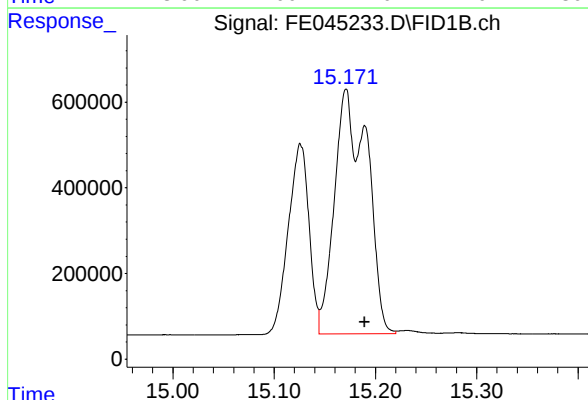
#13 n-Docosane (C22)

R.T.: 14.085 min
Delta R.T.: 0.001 min
Response: 6332903
Conc: 41.80 ug/ml

Instrument :
FID_E
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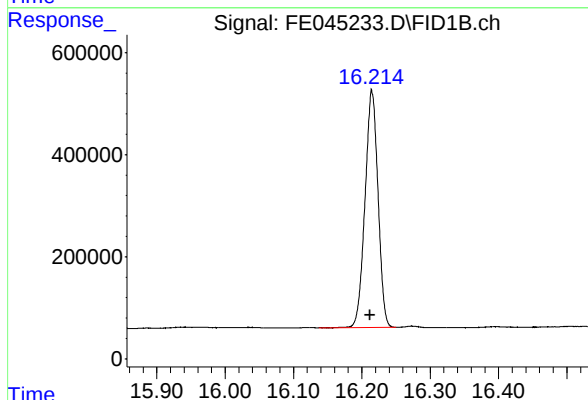
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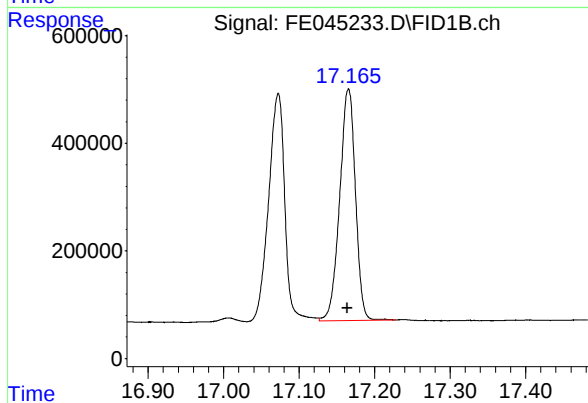
#14 n-Tetracosane (C24)

R.T.: 15.171 min
Delta R.T.: -0.019 min
Response: 12790193
Conc: 86.36 ug/ml m



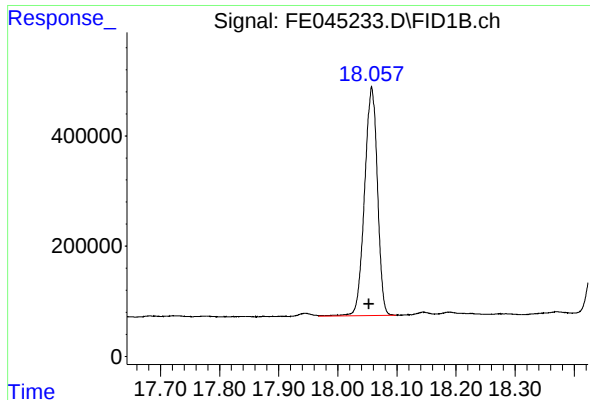
#15 n-Hexacosane (C26)

R.T.: 16.215 min
Delta R.T.: 0.003 min
Response: 6135207
Conc: 42.09 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.165 min
Delta R.T.: 0.002 min
Response: 6247589
Conc: 42.75 ug/ml



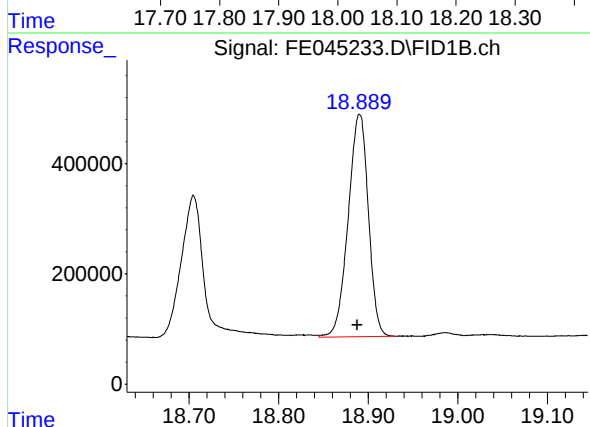
#17 n-Tricontane (C30)

R.T.: 18.057 min
Delta R.T.: 0.005 min
Response: 6266211
Conc: 41.25 ug/ml

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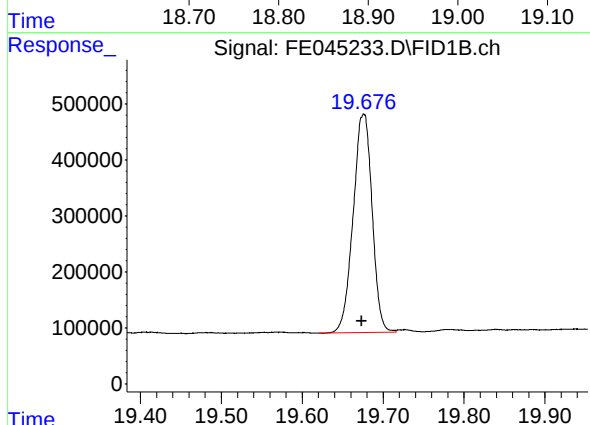
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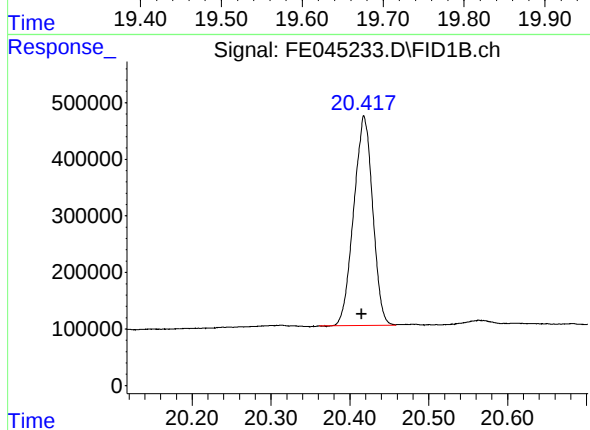
#18 n-Dotriacontane (C32)

R.T.: 18.890 min
Delta R.T.: 0.003 min
Response: 6318852
Conc: 40.45 ug/ml



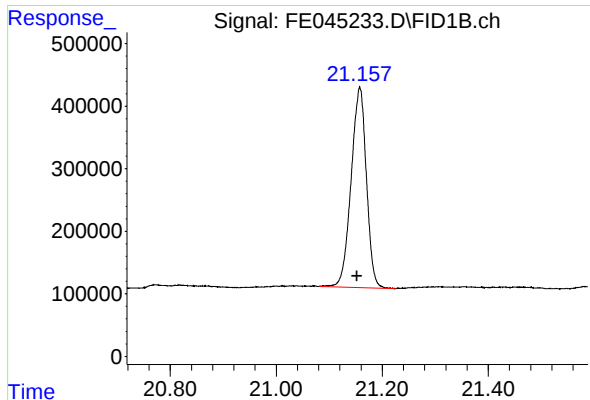
#19 n-Tetratriacontane (C34)

R.T.: 19.676 min
Delta R.T.: 0.003 min
Response: 6346465
Conc: 40.65 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.418 min
Delta R.T.: 0.003 min
Response: 6188369
Conc: 38.12 ug/ml



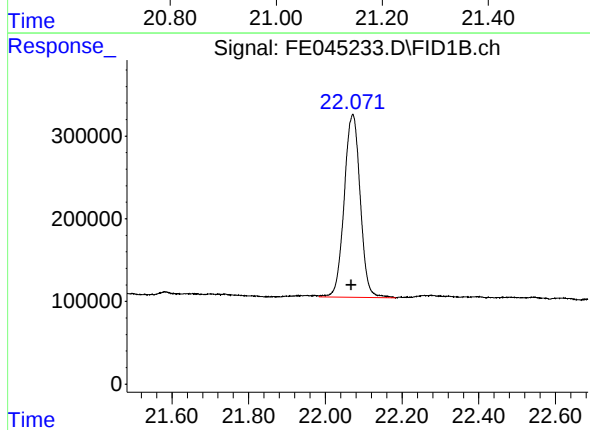
#21 n-Octatriacontane (C38)

R.T.: 21.158 min
Delta R.T.: 0.005 min
Response: 6402378
Conc: 38.54 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.072 min
Delta R.T.: 0.004 min
Response: 6406174
Conc: 37.51 ug/ml