

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG021224AL\
 Data File : FG013492.D
 Signal(s) : FID1A.ch
 Acq On : 12 Feb 2024 15:52
 Operator : YP\AJ
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 10 PPM ALIPHATIC HC STD4

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/13/2024
 Supervised By :mohammad ahmed 02/14/2024

Integration File: autoint1.e
 Quant Time: Feb 12 22:38:00 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 021224.M
 Quant Title : GC Extractables
 QLast Update : Mon Feb 12 22:37:46 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)	11.965	1580531	11.067 ug/ml
Spiked Amount 50.000		Recovery =	22.13%
12) S 1-chlorooctadecane (S...	13.407	1195278	11.024 ug/ml
Spiked Amount 50.000		Recovery =	22.05%
Target Compounds			
1) T n-Nonane (C9)	3.328	1433967	11.174 ug/mlm
2) T n-Decane (C10)	4.582	1463709	11.146 ug/ml
3) T A~Naphthalene (C11.7)	6.287	1600098	11.123 ug/ml
4) T n-Dodecane (C12)	6.751	1480865	11.133 ug/ml
5) T A~2-methylnaphthalene...	7.385	1548229	11.106 ug/ml
6) T n-Tetradecane (C14)	8.584	1469596	11.117 ug/ml
7) T n-Hexadecane (C16)	10.197	1513559	11.099 ug/ml
8) T n-Octadecane (C18)	11.646	1525084	11.101 ug/ml
10) T n-Eicosane (C20)	12.960	1455225	11.090 ug/ml
11) T n-Heneicosane (C21)	13.575	1427493	11.099 ug/ml
13) T n-Docosane (C22)	14.163	1412966	11.094 ug/ml
14) T n-Tetracosane (C24)	15.271	1385836	11.082 ug/ml
15) T n-Hexacosane (C26)	16.296	1342211	11.080 ug/ml
16) T n-Octacosane (C28)	17.250	1292392	11.077 ug/ml
17) T n-Tricontane (C30)	18.140	1292164	11.120 ug/ml
18) T n-Dotriacontane (C32)	18.977	1252943	11.179 ug/ml
19) T n-Tetratriacontane (C34)	19.764	1206244	11.204 ug/ml
20) T n-Hexatriacontane (C36)	20.505	1158446	11.230 ug/ml
21) T n-Octatriacontane (C38)	21.259	1160952	11.312 ug/ml
22) T n-Tetracontane (C40)	22.201	1163272	11.449 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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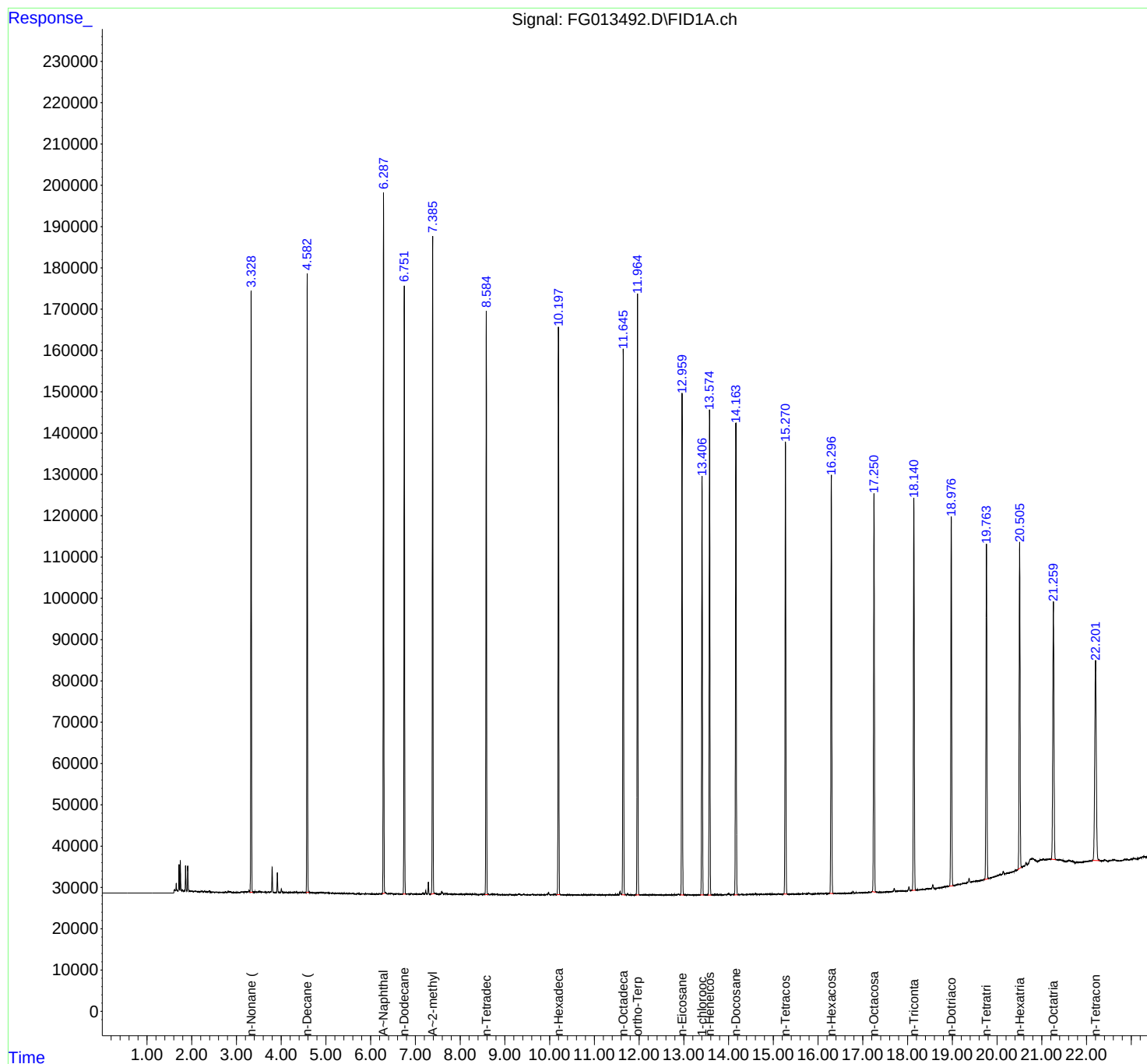
Instrument :
FID_G
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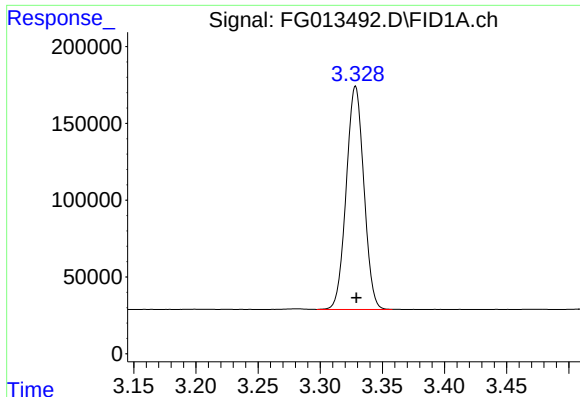
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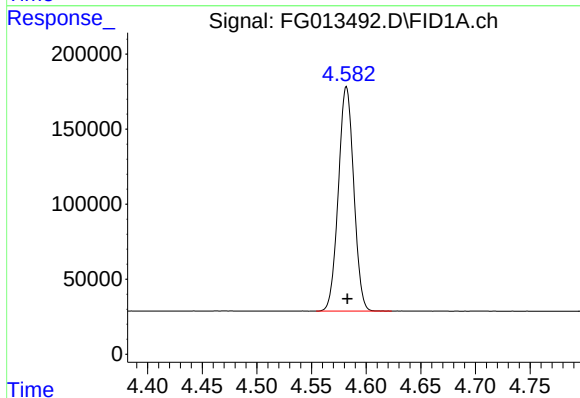
#1 n-Nonane (C9)

R.T.: 3.328 min
Delta R.T.: 0.000 min
Response: 1433967
Conc: 11.17 ug/ml

Instrument :
FID_G
ClientSampleId :
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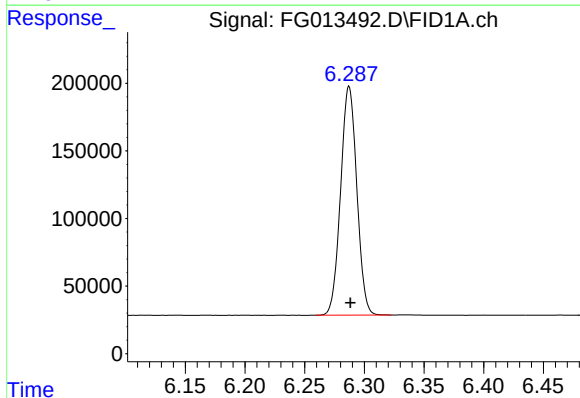
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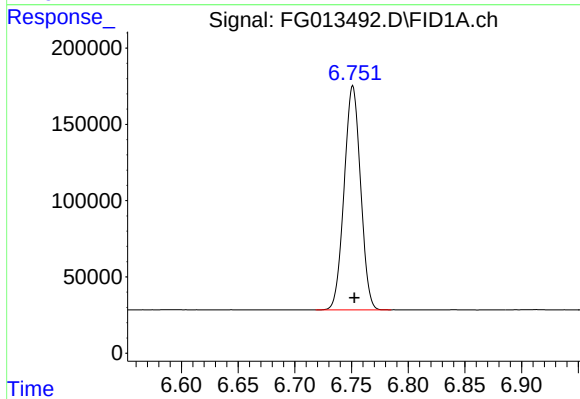
#2 n-Decane (C10)

R.T.: 4.582 min
Delta R.T.: 0.000 min
Response: 1463709
Conc: 11.15 ug/ml



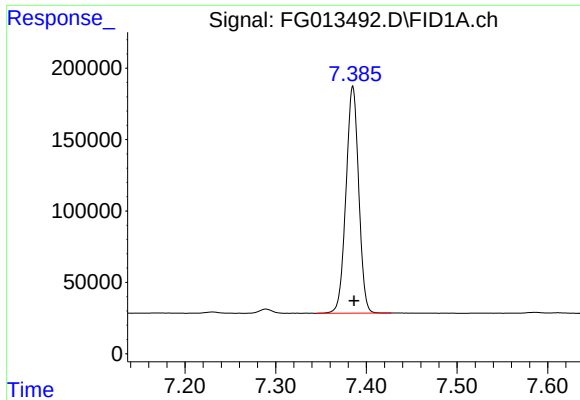
#3 A~Naphthalene (C11.7)

R.T.: 6.287 min
Delta R.T.: -0.001 min
Response: 1600098
Conc: 11.12 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.751 min
Delta R.T.: -0.002 min
Response: 1480865
Conc: 11.13 ug/ml



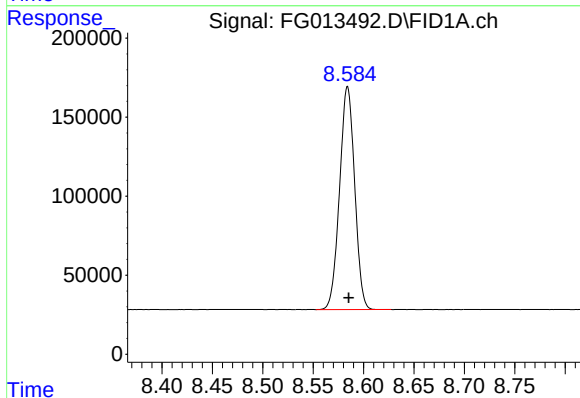
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.385 min
Delta R.T.: -0.001 min
Response: 1548229
Conc: 11.11 ug/ml

Instrument :
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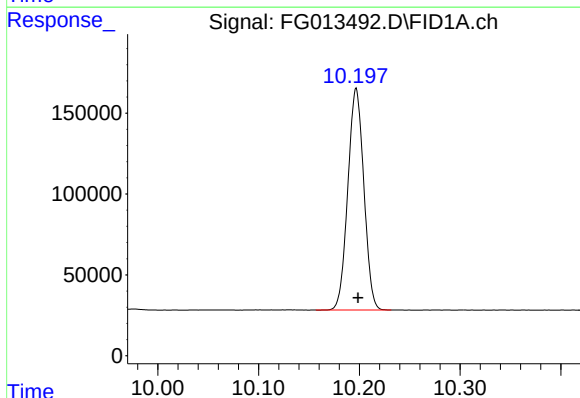
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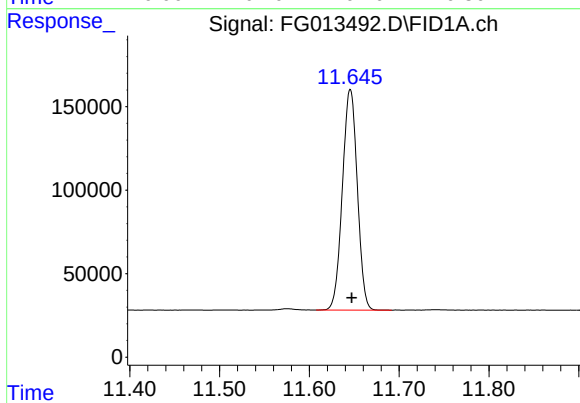
#6 n-Tetradecane (C14)

R.T.: 8.584 min
Delta R.T.: -0.001 min
Response: 1469596
Conc: 11.12 ug/ml



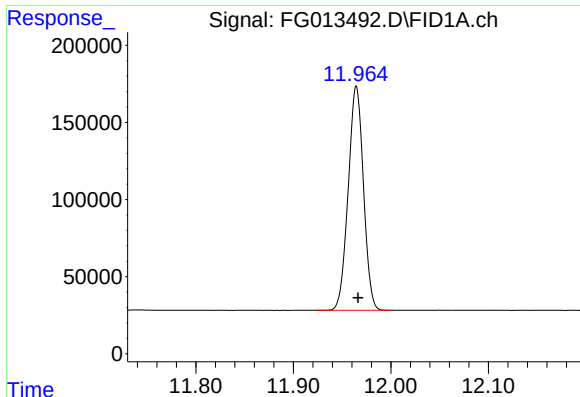
#7 n-Hexadecane (C16)

R.T.: 10.197 min
Delta R.T.: -0.002 min
Response: 1513559
Conc: 11.10 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.646 min
Delta R.T.: -0.001 min
Response: 1525084
Conc: 11.10 ug/ml



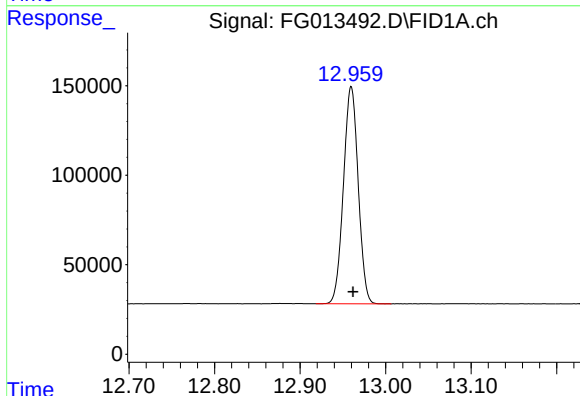
#9 ortho-Terphenyl (SURR)

R.T.: 11.965 min
Delta R.T.: -0.002 min
Response: 1580531
Conc: 11.07 ug/ml

Instrument :
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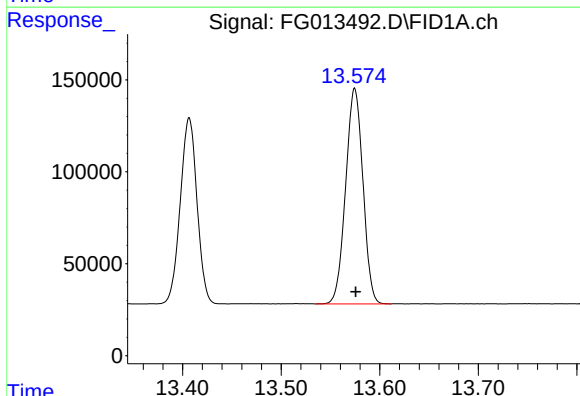
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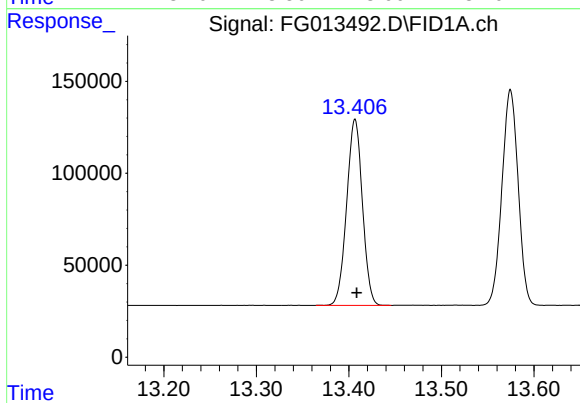
#10 n-Eicosane (C20)

R.T.: 12.960 min
Delta R.T.: -0.002 min
Response: 1455225
Conc: 11.09 ug/ml



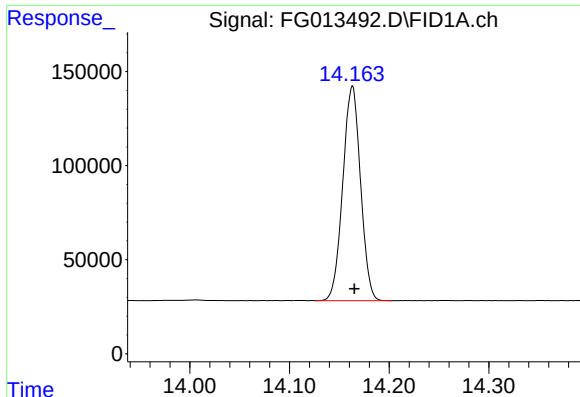
#11 n-Heneicosane (C21)

R.T.: 13.575 min
Delta R.T.: 0.000 min
Response: 1427493
Conc: 11.10 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.407 min
Delta R.T.: -0.002 min
Response: 1195278
Conc: 11.02 ug/ml



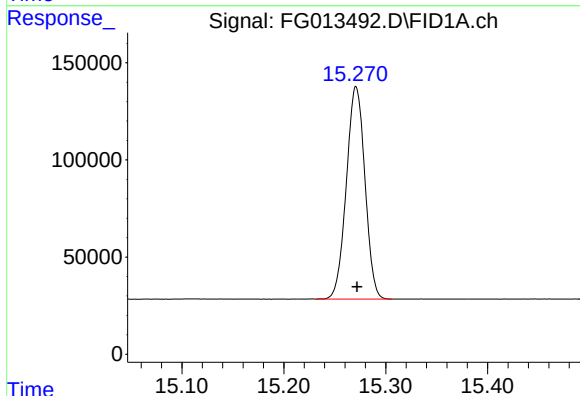
#13 n-Docosane (C22)

R.T.: 14.163 min
Delta R.T.: -0.002 min
Response: 1412966
Conc: 11.09 ug/ml

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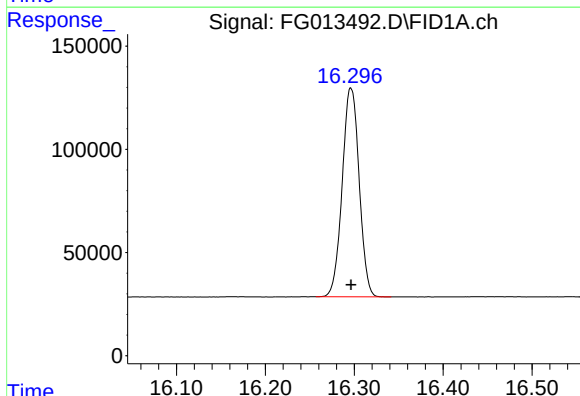
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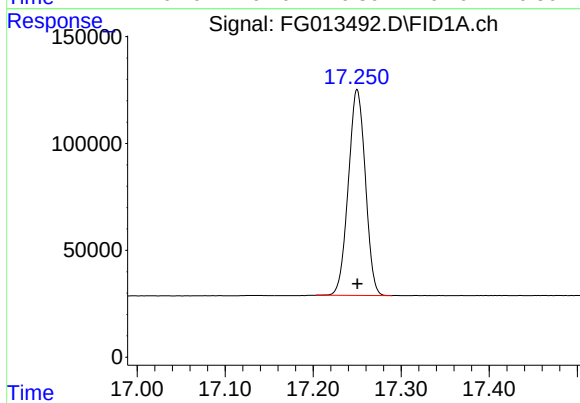
#14 n-Tetracosane (C24)

R.T.: 15.271 min
Delta R.T.: 0.000 min
Response: 1385836
Conc: 11.08 ug/ml



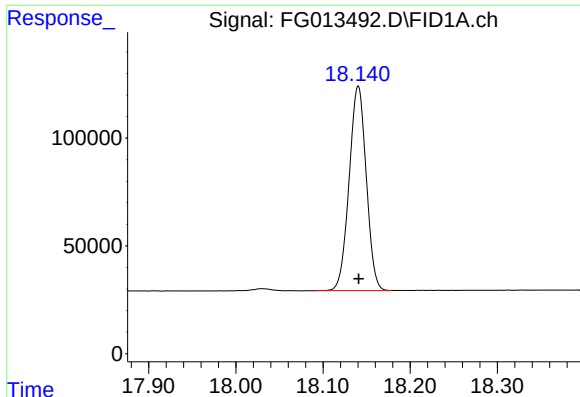
#15 n-Hexacosane (C26)

R.T.: 16.296 min
Delta R.T.: 0.000 min
Response: 1342211
Conc: 11.08 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.250 min
Delta R.T.: 0.000 min
Response: 1292392
Conc: 11.08 ug/ml



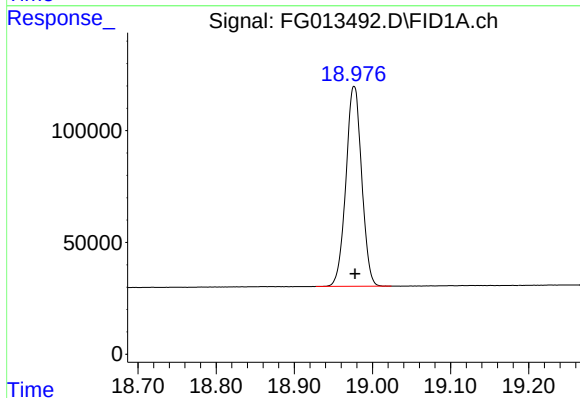
#17 n-Tricontane (C30)

R.T.: 18.140 min
Delta R.T.: 0.000 min
Response: 1292164
Conc: 11.12 ug/ml

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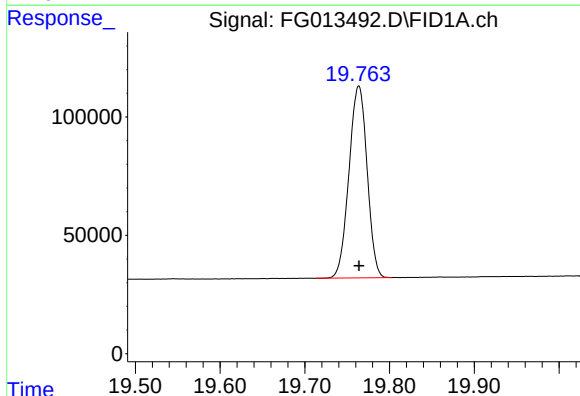
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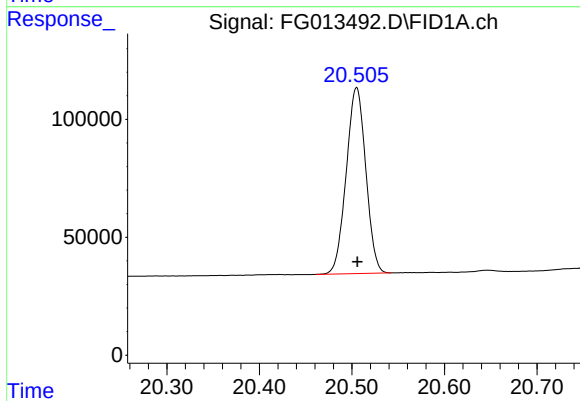
#18 n-Dotriacontane (C32)

R.T.: 18.977 min
Delta R.T.: -0.001 min
Response: 1252943
Conc: 11.18 ug/ml



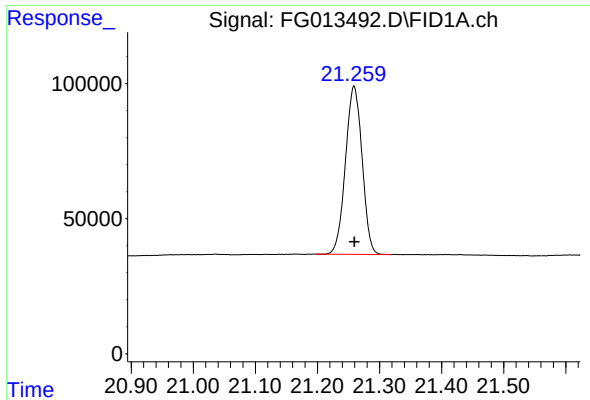
#19 n-Tetratriacontane (C34)

R.T.: 19.764 min
Delta R.T.: 0.000 min
Response: 1206244
Conc: 11.20 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.505 min
Delta R.T.: 0.000 min
Response: 1158446
Conc: 11.23 ug/ml



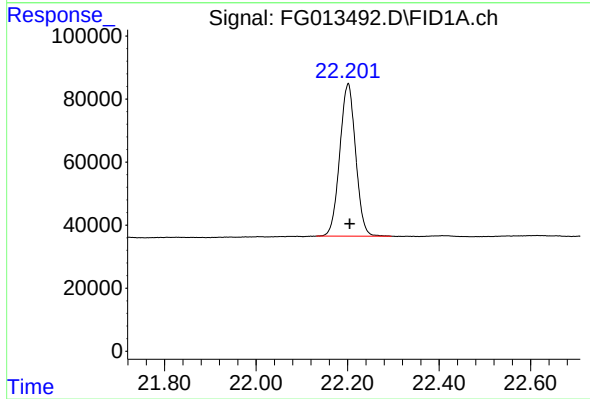
#21 n-Octatriacontane (C38)

R.T.: 21.259 min
Delta R.T.: 0.000 min
Response: 1160952
Conc: 11.31 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.201 min
Delta R.T.: -0.003 min
Response: 1163272
Conc: 11.45 ug/ml