

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE060723AL\
 Data File : FE042479.D
 Signal(s) : FID1B.ch
 Acq On : 07 Jun 2023 22:30
 Operator : YP\AJ
 Sample : 03064-01MS
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

CHRT-24236MS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 06/08/2023

Supervised By :Ankita Jodhani 06/08/2023

Integration File: autoint1.e

Quant Time: Jun 08 01:46:07 2023

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051823.M

Quant Title : GC Extractables

QLast Update : Thu May 18 06:27:12 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)	11.960	6943163	39.321 ug/mlm
Spiked Amount 50.000		Recovery =	78.64%
12) S 1-chlorooctadecane (S...	13.395	5133018	38.629 ug/mlm
Spiked Amount 50.000		Recovery =	77.26%
Target Compounds			
1) T n-Nonane (C9)	3.330	4910170	34.052 ug/ml
2) T n-Decane (C10)	4.582	5554176	37.519 ug/ml
3) T A~Naphthalene (C11.7)	6.289	6233357	38.204 ug/ml
4) T n-Dodecane (C12)	6.750	6135991	40.919 ug/ml
5) T A~2-methylnaphthalene...	7.387	6290847	39.639 ug/ml
6) T n-Tetradecane (C14)	8.582	6980417	46.596 ug/ml
7) T n-Hexadecane (C16)	10.192	7282879	46.754 ug/mlm
8) T n-Octadecane (C18)	11.642	7189202	45.463 ug/mlm
10) T n-Eicosane (C20)	12.952	7472516	49.297 ug/mlm
11) T n-Heneicosane (C21)	13.562	6698920	45.216 ug/mlm
13) T n-Docosane (C22)	14.147	7015294	47.854 ug/mlm
14) T n-Tetracosane (C24)	15.243	12713989	88.074 ug/mlm
15) T n-Hexacosane (C26)	16.268	6402213	46.226 ug/ml
16) T n-Octacosane (C28)	17.217	6330241	47.282 ug/ml
17) T n-Tricontane (C30)	18.106	6416353	47.532 ug/ml
18) T n-Dotriacontane (C32)	18.938	6528264	48.868 ug/ml
19) T n-Tetratriacontane (C34)	19.722	6414058	48.772 ug/ml
20) T n-Hexatriacontane (C36)	20.461	6251450	48.098 ug/mlm
21) T n-Octatriacontane (C38)	21.210	6500490	47.913 ug/ml
22) T n-Tetracontane (C40)	22.148	6606071	47.485 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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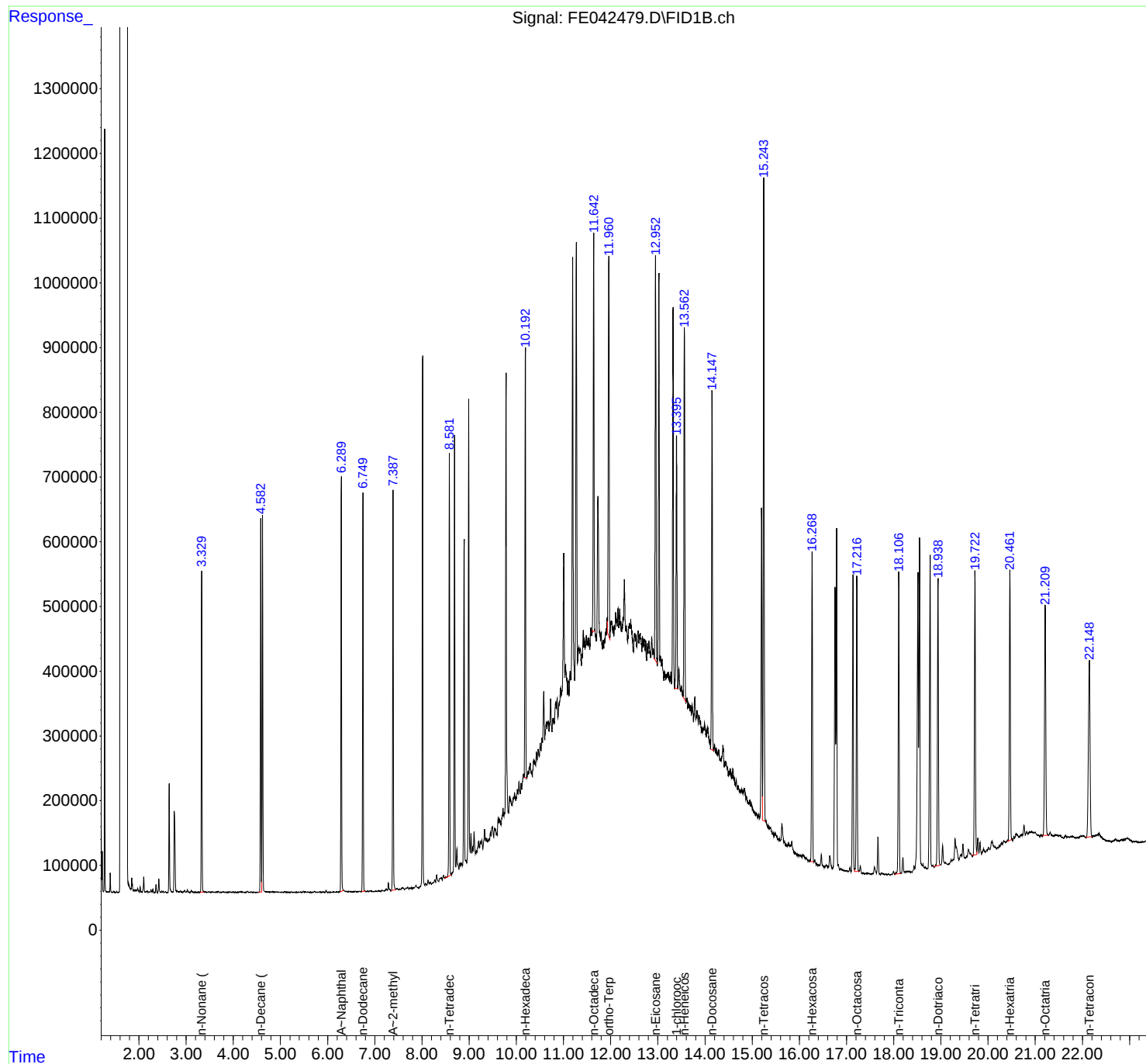
Response via : Initial Calibration

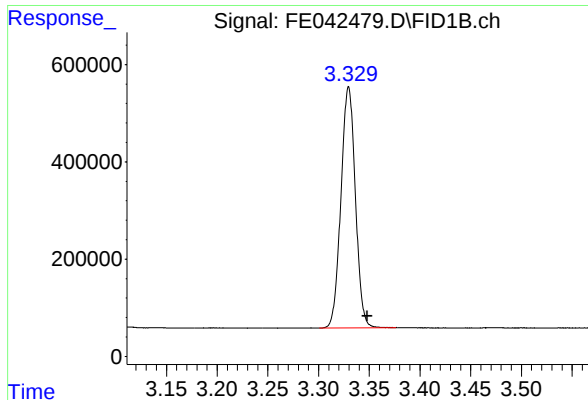
Integrator: ChemStation

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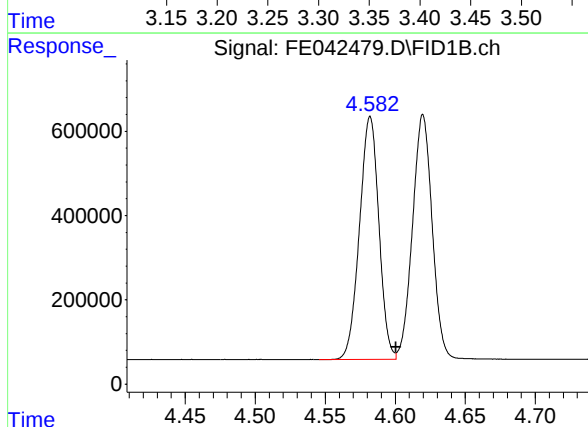
#1 n-Nonane (C9)

R.T.: 3.330 min
Delta R.T.: -0.018 min
Response: 4910170
Conc: 34.05 ug/ml

Instrument :
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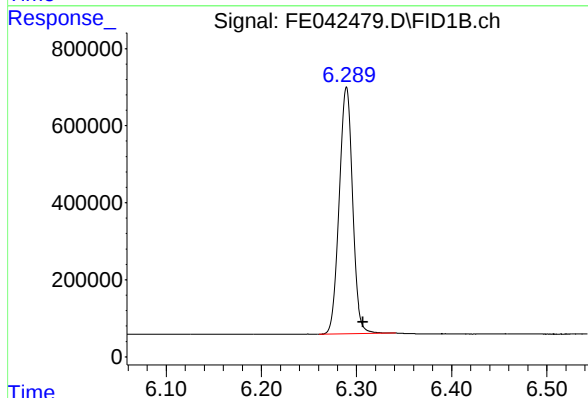
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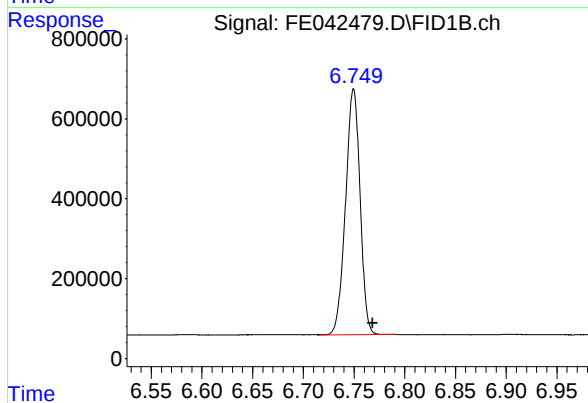
#2 n-Decane (C10)

R.T.: 4.582 min
Delta R.T.: -0.018 min
Response: 5554176
Conc: 37.52 ug/ml



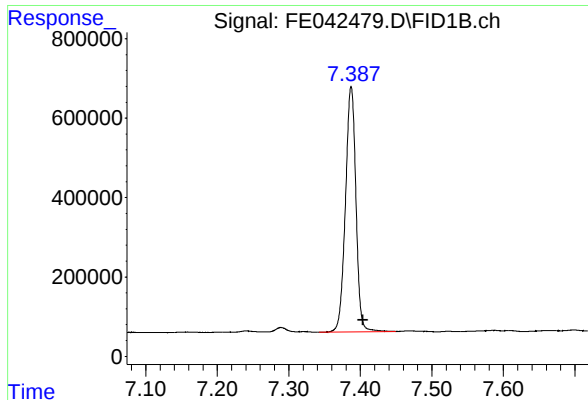
#3 A~Naphthalene (C11.7)

R.T.: 6.289 min
Delta R.T.: -0.017 min
Response: 6233357
Conc: 38.20 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.750 min
Delta R.T.: -0.019 min
Response: 6135991
Conc: 40.92 ug/ml



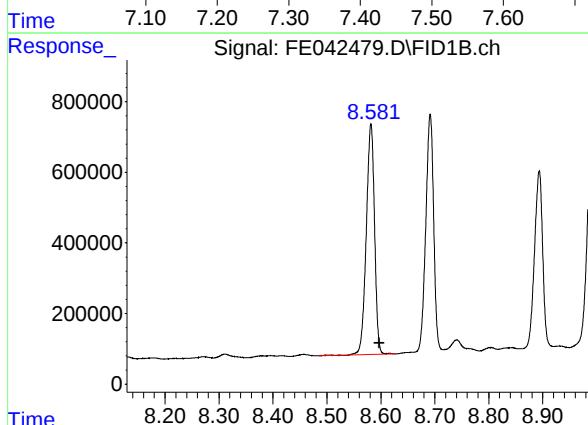
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.387 min
Delta R.T.: -0.016 min
Response: 6290847
Conc: 39.64 ug/ml

Instrument :
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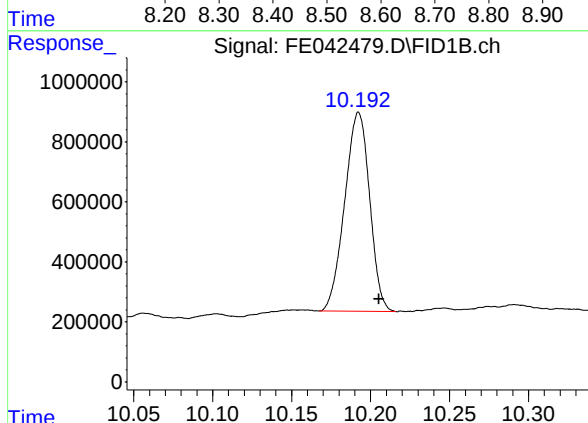
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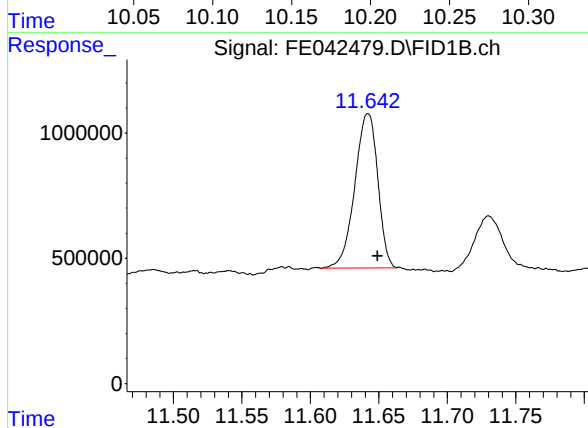
#6 n-Tetradecane (C14)

R.T.: 8.582 min
Delta R.T.: -0.016 min
Response: 6980417
Conc: 46.60 ug/ml



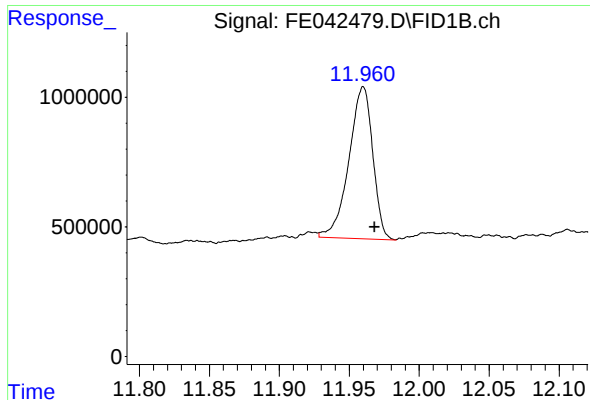
#7 n-Hexadecane (C16)

R.T.: 10.192 min
Delta R.T.: -0.013 min
Response: 7282879
Conc: 46.75 ug/ml m



#8 n-Octadecane (C18)

R.T.: 11.642 min
Delta R.T.: -0.007 min
Response: 7189202
Conc: 45.46 ug/ml m



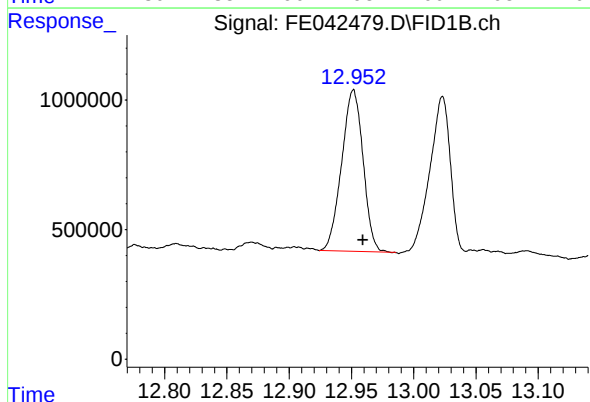
#9 ortho-Terphenyl (SURR)

R.T.: 11.960 min
Delta R.T.: -0.009 min
Response: 6943163
Conc: 39.32 ug/ml

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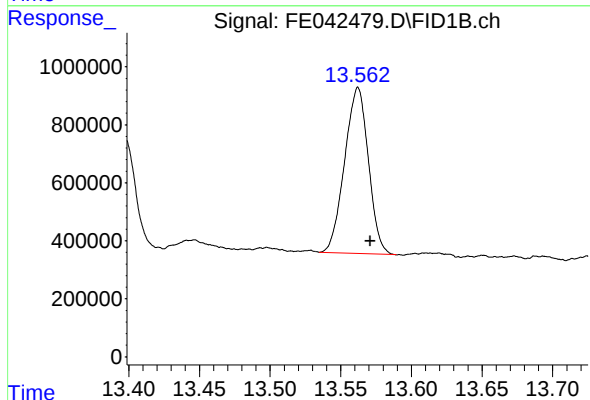
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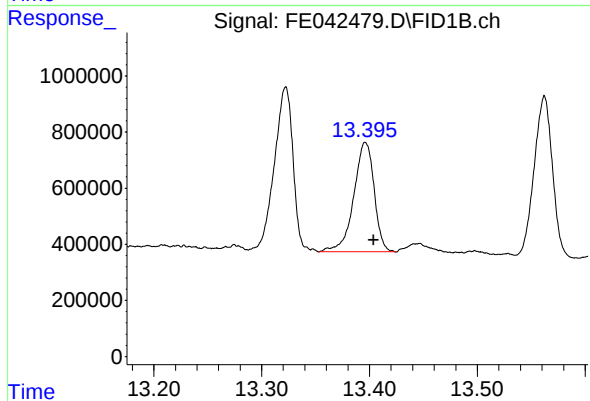
#10 n-Eicosane (C20)

R.T.: 12.952 min
Delta R.T.: -0.008 min
Response: 7472516
Conc: 49.30 ug/ml m



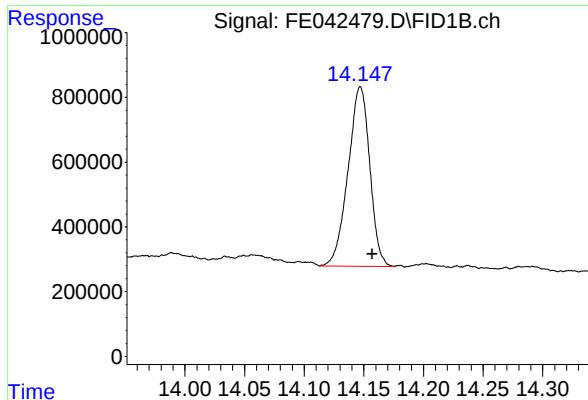
#11 n-Heneicosane (C21)

R.T.: 13.562 min
Delta R.T.: -0.009 min
Response: 6698920
Conc: 45.22 ug/ml m



#12 1-chlorooctadecane (SURR)

R.T.: 13.395 min
Delta R.T.: -0.009 min
Response: 5133018
Conc: 38.63 ug/ml m



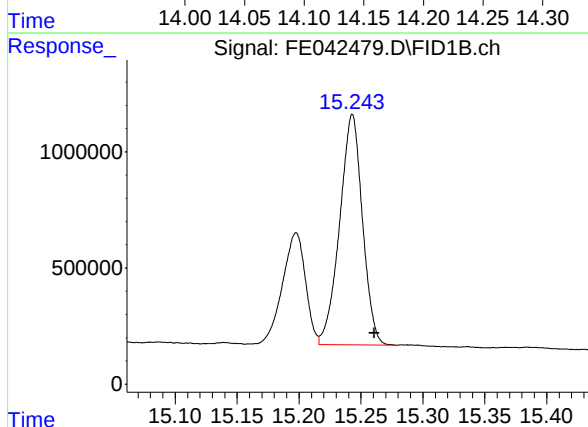
#13 n-Docosane (C22)

R.T.: 14.147 min
Delta R.T.: -0.010 min
Response: 7015294
Conc: 47.85 ug/ml

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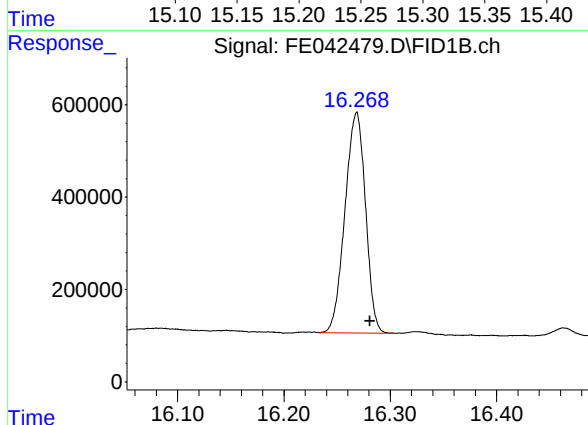
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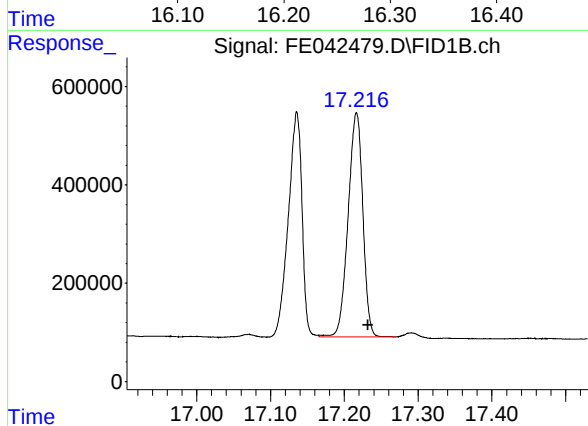
#14 n-Tetracosane (C24)

R.T.: 15.243 min
Delta R.T.: -0.018 min
Response: 12713989
Conc: 88.07 ug/ml



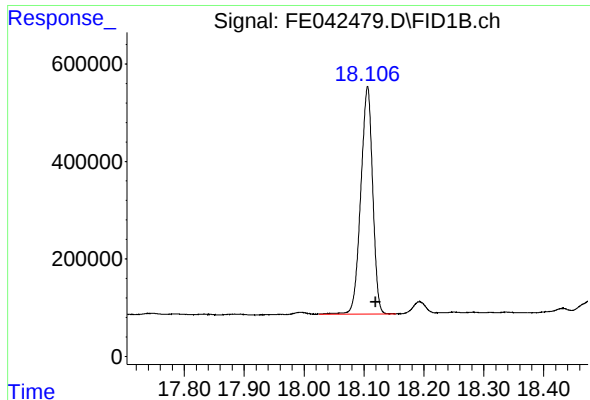
#15 n-Hexacosane (C26)

R.T.: 16.268 min
Delta R.T.: -0.013 min
Response: 6402213
Conc: 46.23 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.217 min
Delta R.T.: -0.016 min
Response: 6330241
Conc: 47.28 ug/ml



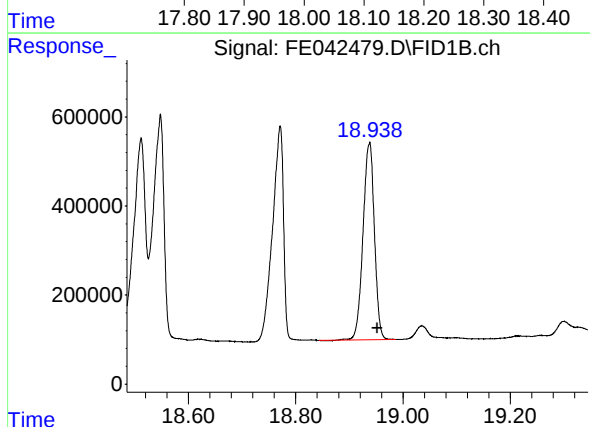
#17 n-Tricontane (C30)

R.T.: 18.106 min
Delta R.T.: -0.014 min
Response: 6416353
Conc: 47.53 ug/ml

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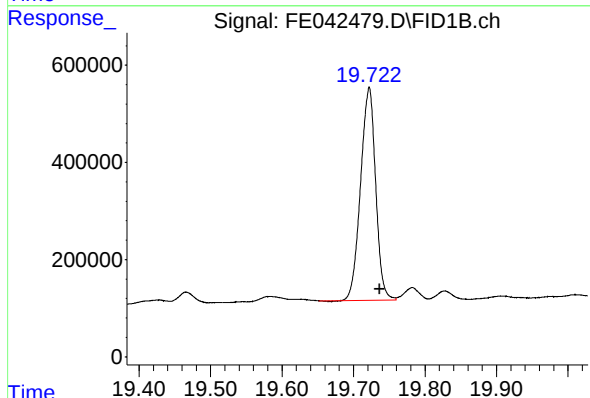
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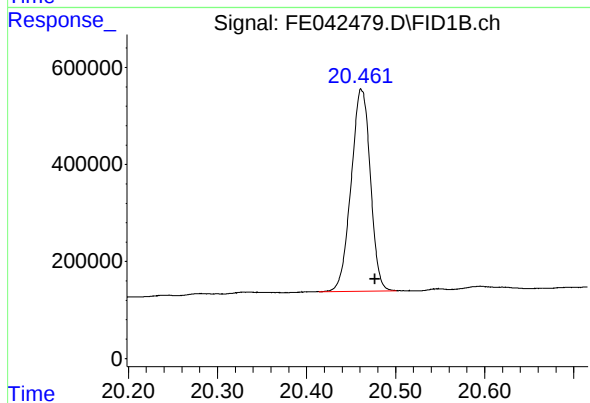
#18 n-Dotriacontane (C32)

R.T.: 18.938 min
Delta R.T.: -0.014 min
Response: 6528264
Conc: 48.87 ug/ml



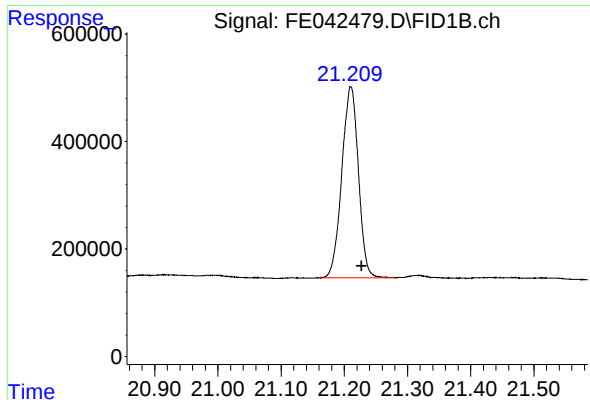
#19 n-Tetratriacontane (C34)

R.T.: 19.722 min
Delta R.T.: -0.015 min
Response: 6414058
Conc: 48.77 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.461 min
Delta R.T.: -0.016 min
Response: 6251450
Conc: 48.10 ug/ml m



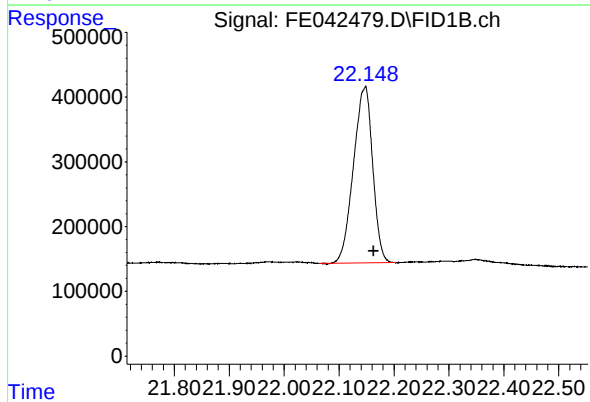
#21 n-Octatriacontane (C38)

R.T.: 21.210 min
Delta R.T.: -0.017 min
Response: 6500490
Conc: 47.91 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.148 min
Delta R.T.: -0.015 min
Response: 6606071
Conc: 47.49 ug/ml