

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE060723AL\
 Data File : FE042480.D
 Signal(s) : FID1B.ch
 Acq On : 07 Jun 2023 23:00
 Operator : YP\AJ
 Sample : 03064-01MSD
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

CHRT-24236MSD

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 01:46:16 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	7139629	40.433 ug/mlm
Spiked Amount 50.000		Recovery =	80.87%
12) S 1-chlorooctadecane (S...	13.396	5568136	41.904 ug/ml
Spiked Amount 50.000		Recovery =	83.81%
Target Compounds			
1) T n-Nonane (C9)	3.330	4871807	33.786 ug/ml
2) T n-Decane (C10)	4.582	5506523	37.197 ug/ml
3) T A~Naphthalene (C11.7)	6.290	6190592	37.942 ug/ml
4) T n-Dodecane (C12)	6.750	6090383	40.615 ug/ml
5) T A~2-methylnaphthalene...	7.387	6249865	39.381 ug/ml
6) T n-Tetradecane (C14)	8.582	6922865	46.212 ug/ml
7) T n-Hexadecane (C16)	10.193	7382192	47.391 ug/mlm
8) T n-Octadecane (C18)	11.642	7581248	47.942 ug/mlm
10) T n-Eicosane (C20)	12.952	7401244	48.826 ug/ml
11) T n-Heneicosane (C21)	13.562	7241550	48.879 ug/ml
13) T n-Docosane (C22)	14.147	6953244	47.431 ug/ml
14) T n-Tetracosane (C24)	15.243	12978011	89.903 ug/ml
15) T n-Hexacosane (C26)	16.268	6413015	46.304 ug/ml
16) T n-Octacosane (C28)	17.217	6273744	46.860 ug/ml
17) T n-Tricontane (C30)	18.107	6338300	46.953 ug/ml
18) T n-Dotriacontane (C32)	18.937	6538116	48.941 ug/ml
19) T n-Tetratriacontane (C34)	19.722	6444187	49.001 ug/ml
20) T n-Hexatriacontane (C36)	20.463	6268281	48.227 ug/ml
21) T n-Octatriacontane (C38)	21.211	6479803	47.760 ug/ml
22) T n-Tetracontane (C40)	22.143	6531854	46.952 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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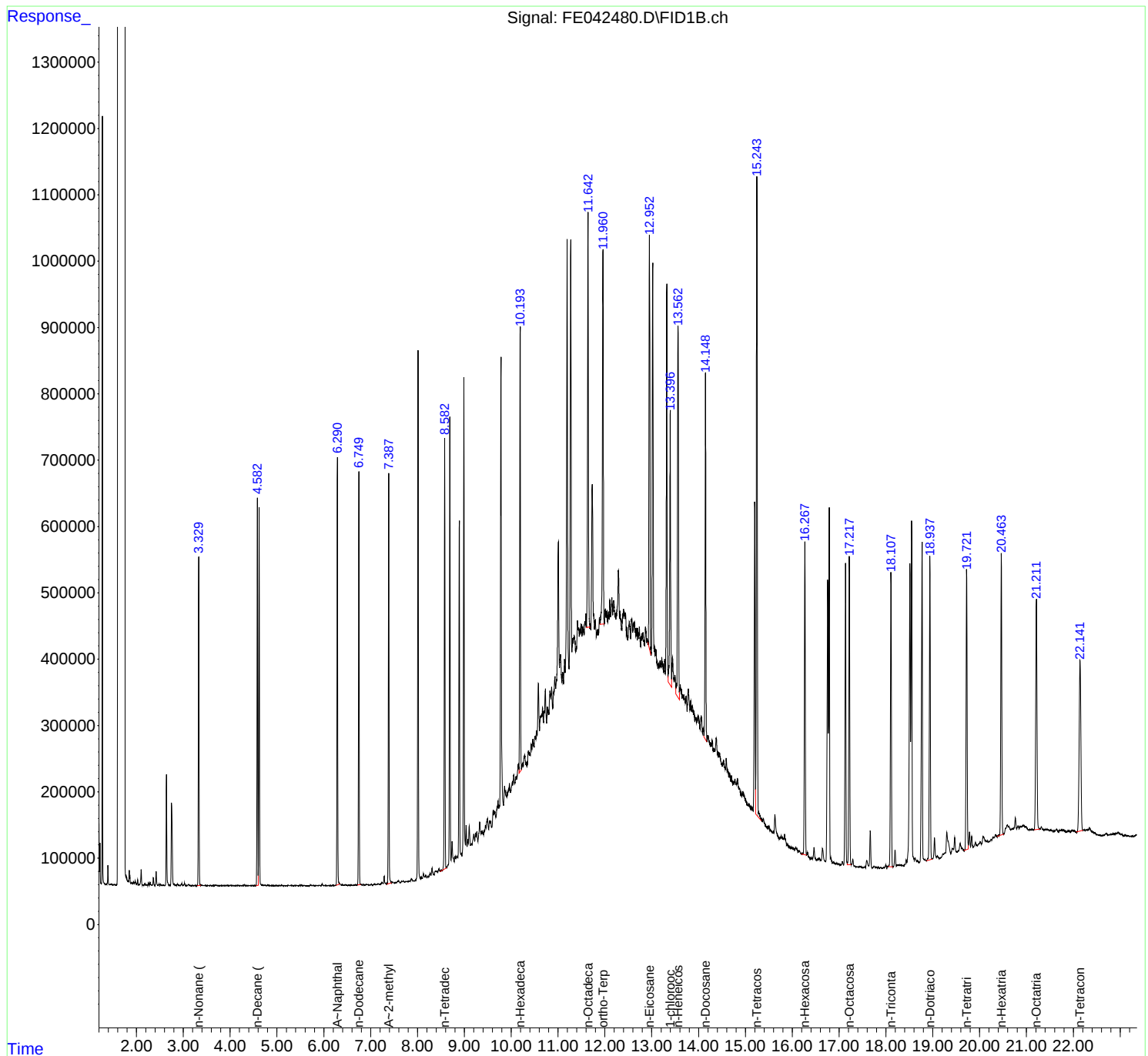
Response via : Initial Calibration

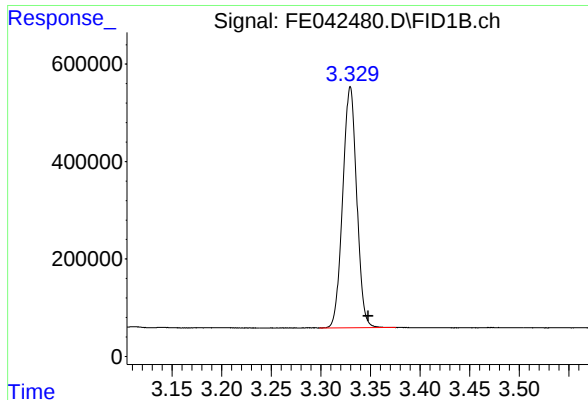
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.330 min
Delta R.T.: -0.018 min
Response: 4871807
Conc: 33.79 ug/ml

Instrument :

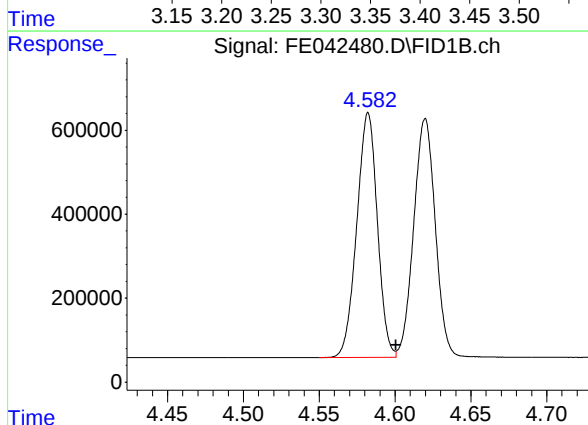
FID_E

ClientSampleId :

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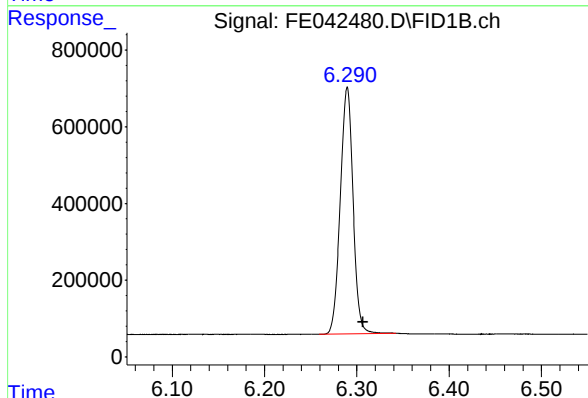
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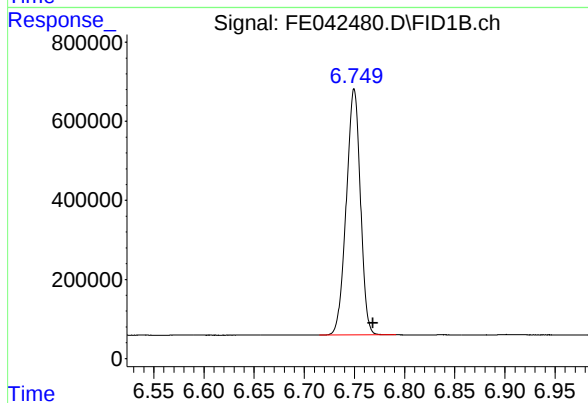
#2 n-Decane (C10)

R.T.: 4.582 min
Delta R.T.: -0.018 min
Response: 5506523
Conc: 37.20 ug/ml



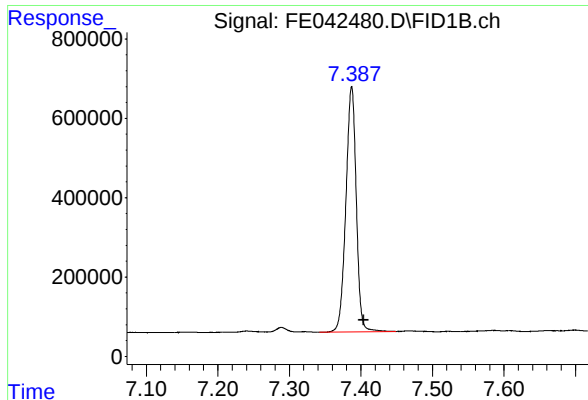
#3 A~Naphthalene (C11.7)

R.T.: 6.290 min
Delta R.T.: -0.017 min
Response: 6190592
Conc: 37.94 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.750 min
Delta R.T.: -0.018 min
Response: 6090383
Conc: 40.61 ug/ml



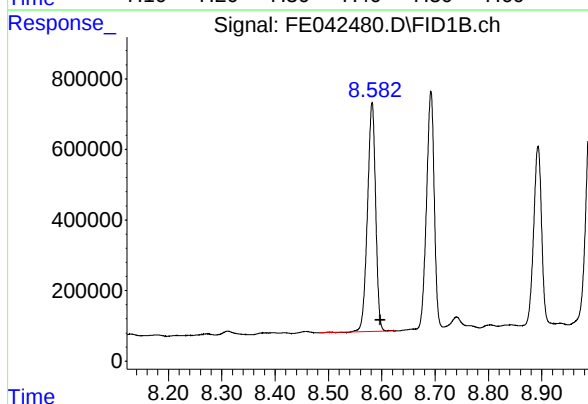
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.387 min
Delta R.T.: -0.017 min
Response: 6249865
Conc: 39.38 ug/ml

Instrument :
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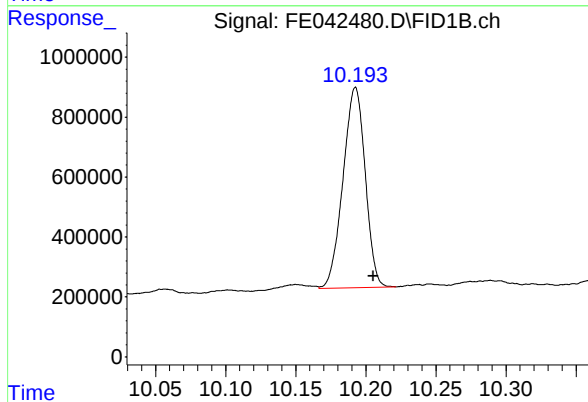
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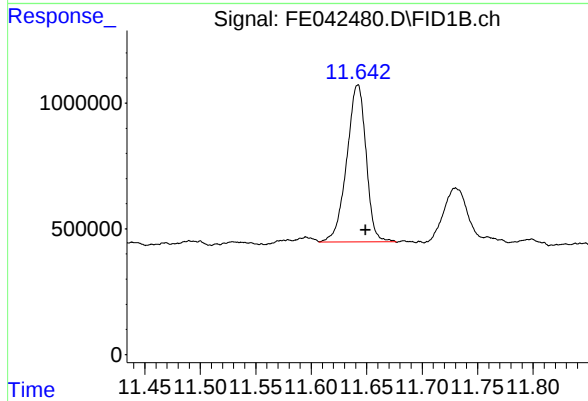
#6 n-Tetradecane (C14)

R.T.: 8.582 min
Delta R.T.: -0.015 min
Response: 6922865
Conc: 46.21 ug/ml



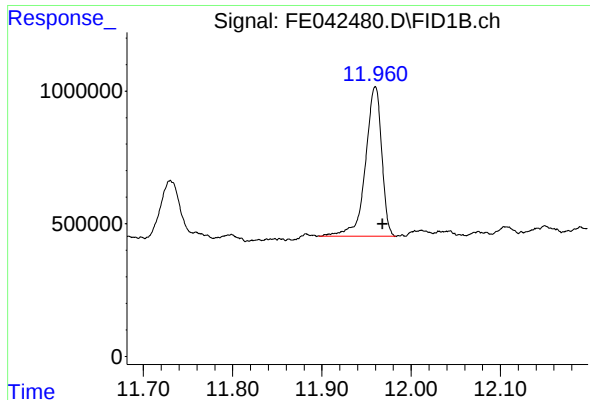
#7 n-Hexadecane (C16)

R.T.: 10.193 min
Delta R.T.: -0.013 min
Response: 7382192
Conc: 47.39 ug/ml m



#8 n-Octadecane (C18)

R.T.: 11.642 min
Delta R.T.: -0.007 min
Response: 7581248
Conc: 47.94 ug/ml m



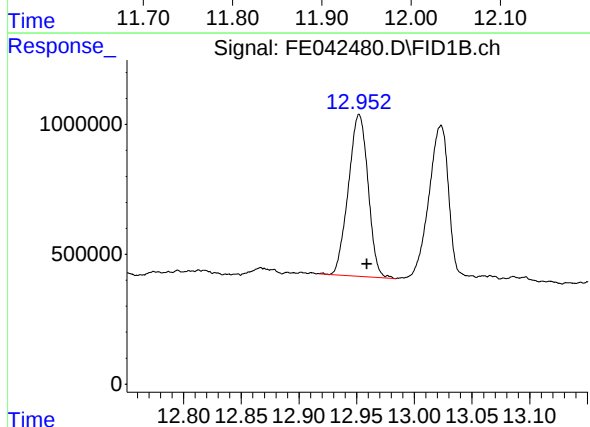
#9 ortho-Terphenyl (SURR)

R.T.: 11.960 min
Delta R.T.: -0.008 min
Response: 7139629
Conc: 40.43 ug/ml

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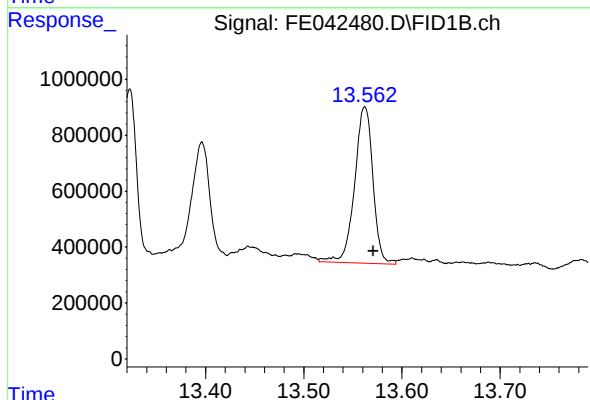
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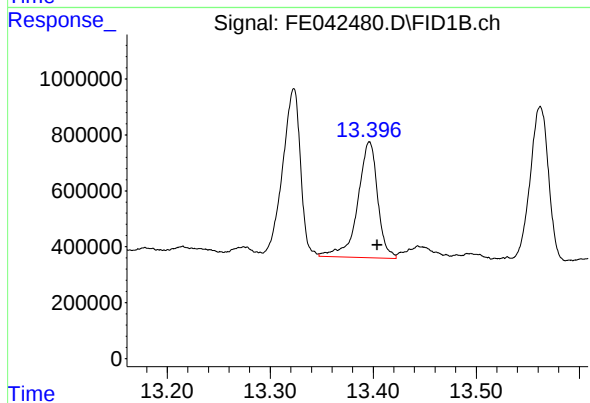
#10 n-Eicosane (C20)

R.T.: 12.952 min
Delta R.T.: -0.007 min
Response: 7401244
Conc: 48.83 ug/ml



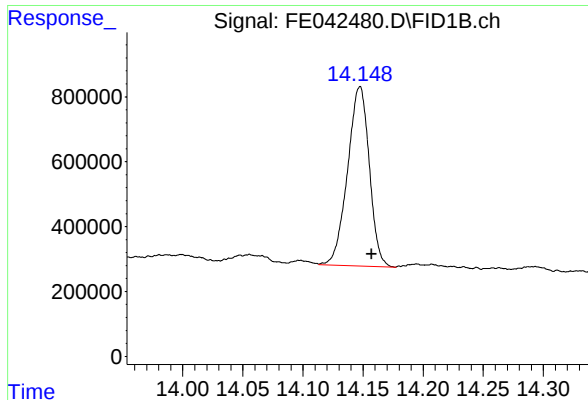
#11 n-Heneicosane (C21)

R.T.: 13.562 min
Delta R.T.: -0.009 min
Response: 7241550
Conc: 48.88 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.396 min
Delta R.T.: -0.008 min
Response: 5568136
Conc: 41.90 ug/ml



#13 n-Docosane (C22)

R.T.: 14.147 min
Delta R.T.: -0.010 min
Response: 6953244
Conc: 47.43 ug/ml

Instrument :

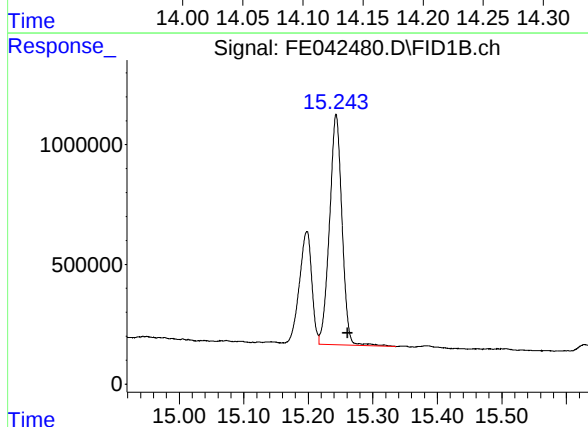
FID_E

ClientSampleId :

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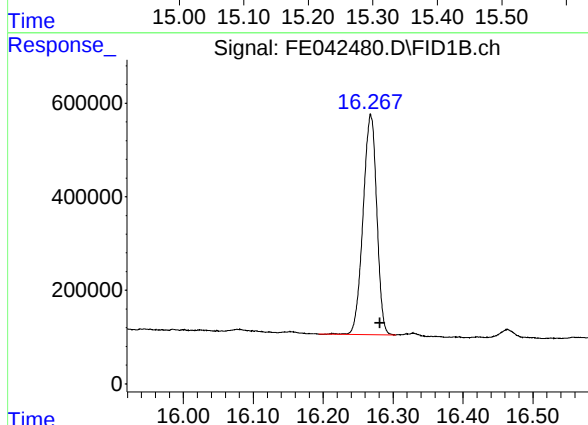
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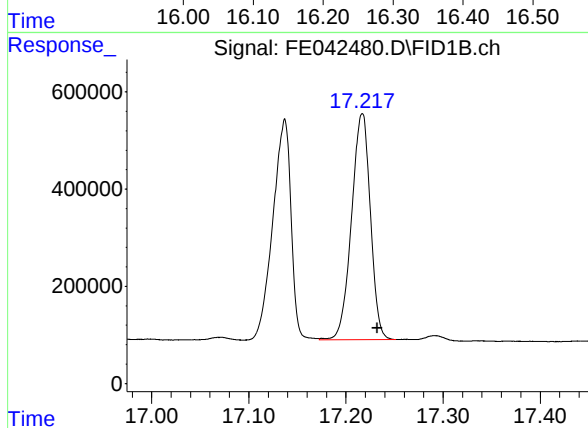
#14 n-Tetracosane (C24)

R.T.: 15.243 min
Delta R.T.: -0.018 min
Response: 12978011
Conc: 89.90 ug/ml



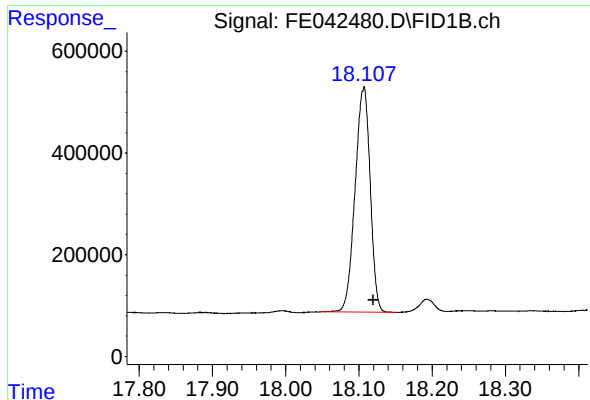
#15 n-Hexacosane (C26)

R.T.: 16.268 min
Delta R.T.: -0.013 min
Response: 6413015
Conc: 46.30 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.217 min
Delta R.T.: -0.015 min
Response: 6273744
Conc: 46.86 ug/ml



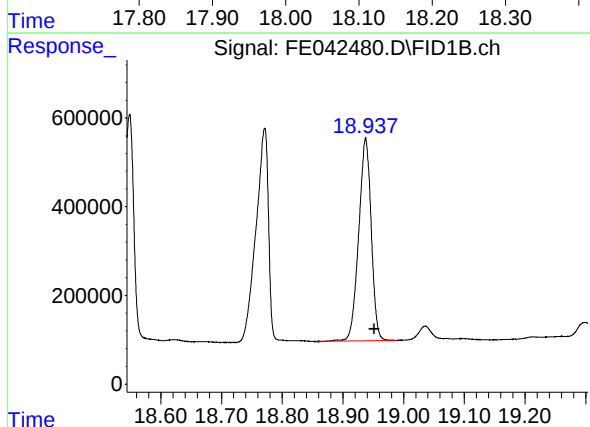
#17 n-Tricontane (C30)

R.T.: 18.107 min
Delta R.T.: -0.013 min
Response: 6338300
Conc: 46.95 ug/ml

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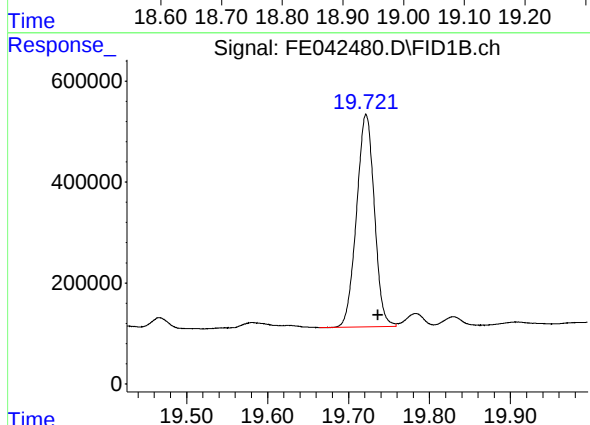
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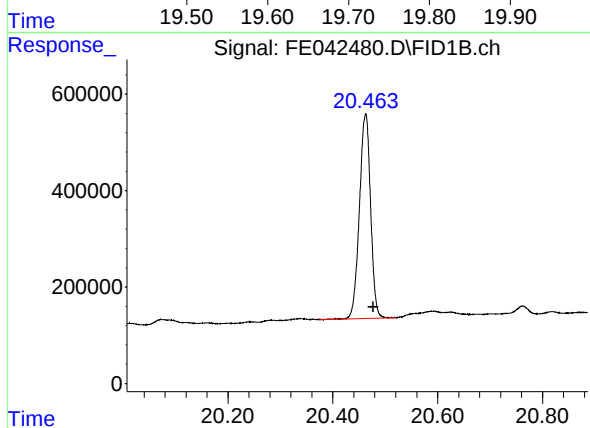
#18 n-Dotriacontane (C32)

R.T.: 18.937 min
Delta R.T.: -0.014 min
Response: 6538116
Conc: 48.94 ug/ml



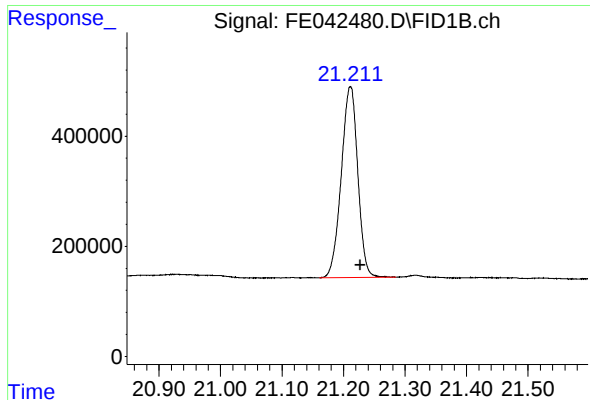
#19 n-Tetatriacontane (C34)

R.T.: 19.722 min
Delta R.T.: -0.015 min
Response: 6444187
Conc: 49.00 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.463 min
Delta R.T.: -0.014 min
Response: 6268281
Conc: 48.23 ug/ml



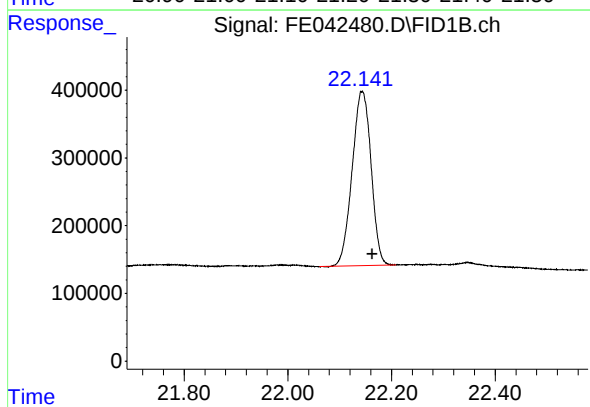
#21 n-Octatriacontane (C38)

R.T.: 21.211 min
Delta R.T.: -0.016 min
Response: 6479803
Conc: 47.76 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.143 min
Delta R.T.: -0.020 min
Response: 6531854
Conc: 46.95 ug/ml