

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE100423AL\
 Data File : FE044584.D
 Signal(s) : FID1B.ch
 Acq On : 04 Oct 2023 16:12
 Operator : YP\AJ
 Sample : 04700-01MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

WC-1MSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 10/05/2023

Supervised By :Ankita Jodhani 10/05/2023

Integration File: autoint1.e

Quant Time: Oct 05 00:17:45 2023

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 092523.M

Quant Title : GC Extractables

QLast Update : Mon Sep 25 11:06:21 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)	11.932	6632570	35.329 ug/mlm
Spiked Amount 50.000		Recovery =	70.66%
12) S 1-chlorooctadecane (S...	13.371	5181499	38.087 ug/mlm
Spiked Amount 50.000		Recovery =	76.17%
Target Compounds			
1) T n-Nonane (C9)	3.308	4375337	26.950 ug/ml
2) T n-Decane (C10)	4.560	4937365	29.817 ug/ml
3) T A~Naphthalene (C11.7)	6.259	5623135	31.452 ug/ml
4) T n-Dodecane (C12)	6.723	5479201	32.941 ug/ml
5) T A~2-methylnaphthalene...	7.355	5766947	33.707 ug/ml
6) T n-Tetradecane (C14)	8.553	6329298	38.554 ug/ml
7) T n-Hexadecane (C16)	10.165	6908859	40.783 ug/mlm
8) T n-Octadecane (C18)	11.618	8129937	47.883 ug/mlm
10) T n-Eicosane (C20)	12.928	7681738	47.745 ug/mlm
11) T n-Heneicosane (C21)	13.538	6323162	40.382 ug/mlm
13) T n-Docosane (C22)	14.123	6404317	41.524 ug/ml
14) T n-Tetracosane (C24)	15.211	12245448	81.006 ug/ml
15) T n-Hexacosane (C26)	16.245	6033420	41.017 ug/ml
16) T n-Octacosane (C28)	17.193	5875631	40.967 ug/ml
17) T n-Tricontane (C30)	18.082	5651814	38.128 ug/ml
18) T n-Dotriacontane (C32)	18.914	5538540	37.413 ug/ml
19) T n-Tetratriacontane (C34)	19.699	5710266	39.073 ug/ml
20) T n-Hexatriacontane (C36)	20.441	5426181	37.408 ug/ml
21) T n-Octatriacontane (C38)	21.182	5693628	38.011 ug/ml
22) T n-Tetracontane (C40)	22.102	6033946	38.235 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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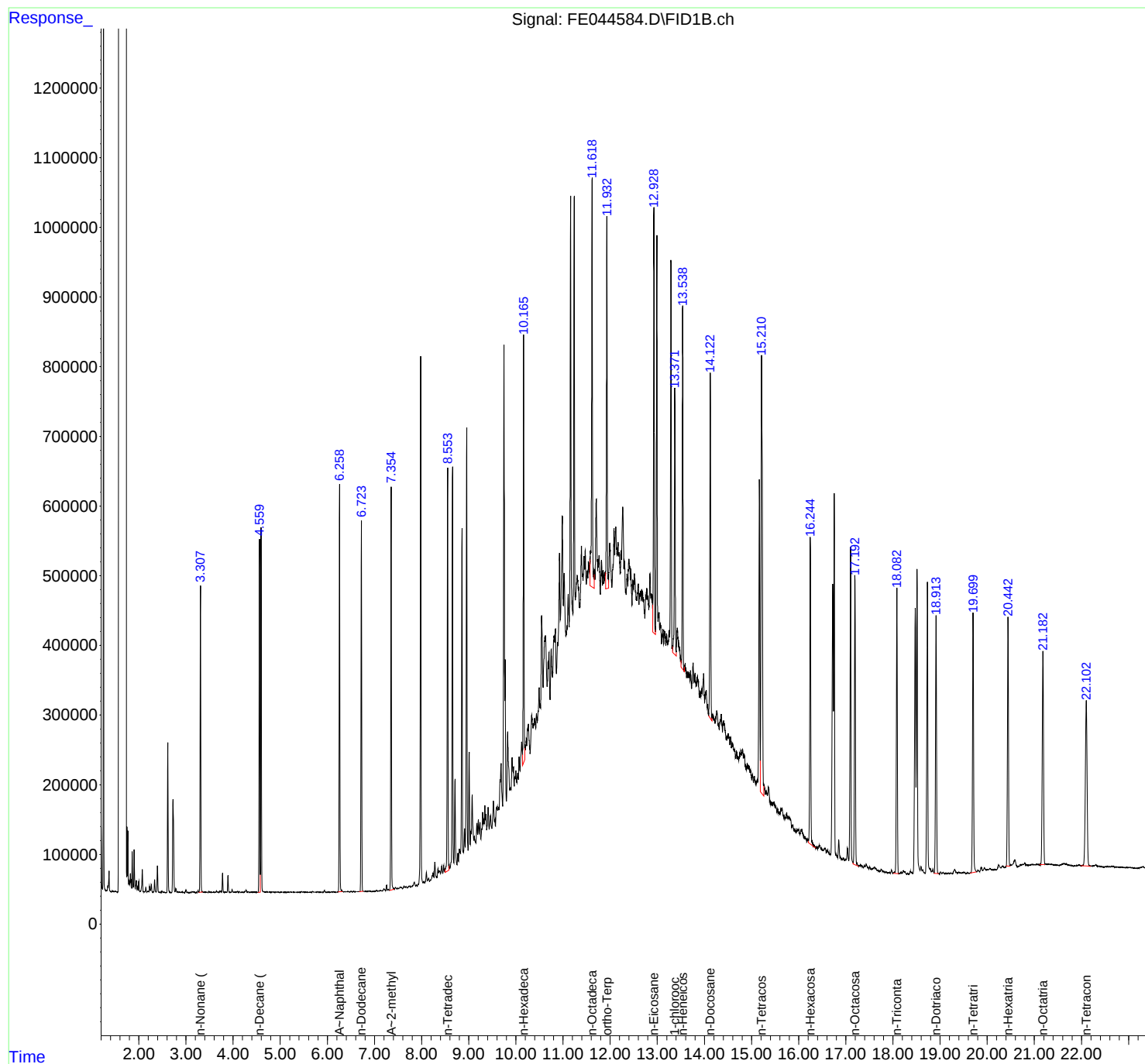
Response via : Initial Calibration

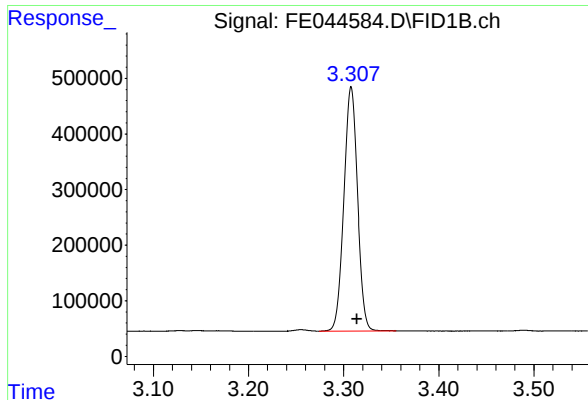
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.308 min
Delta R.T.: -0.006 min
Response: 4375337
Conc: 26.95 ug/ml

Instrument :

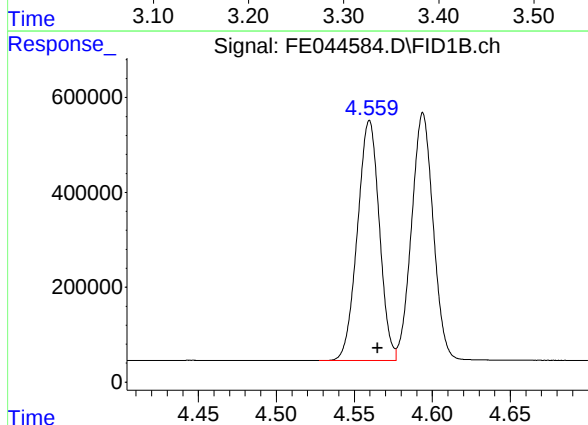
FID_E

ClientSampleId :

WC-1MSD

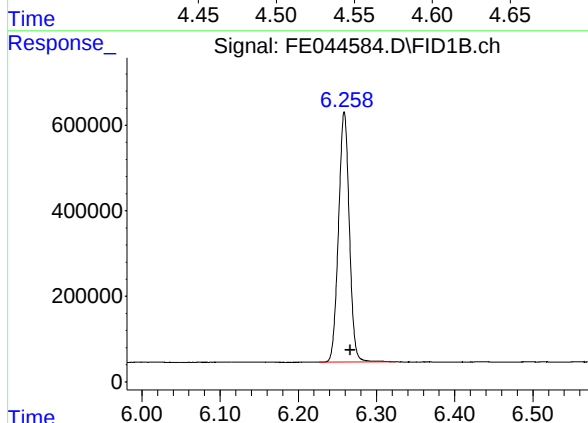
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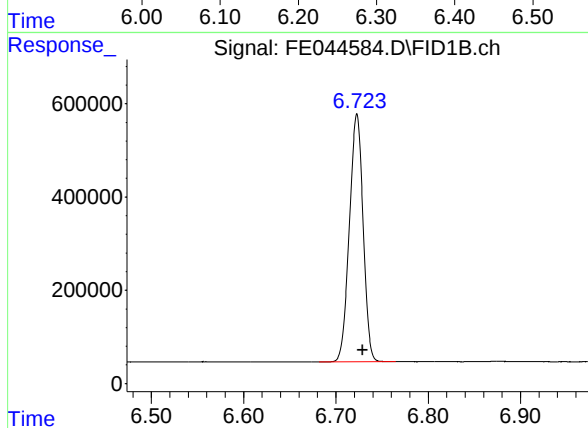
#2 n-Decane (C10)

R.T.: 4.560 min
Delta R.T.: -0.005 min
Response: 4937365
Conc: 29.82 ug/ml



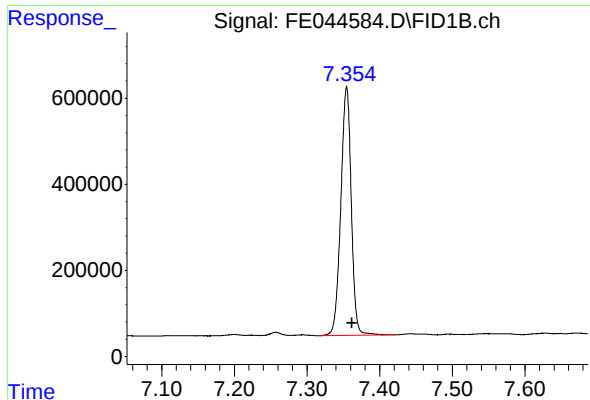
#3 A~Naphthalene (C11.7)

R.T.: 6.259 min
Delta R.T.: -0.008 min
Response: 5623135
Conc: 31.45 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.723 min
Delta R.T.: -0.006 min
Response: 5479201
Conc: 32.94 ug/ml



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

R.T.: 7.355 min
Delta R.T.: -0.007 min
Response: 5766947
Conc: 33.71 ug/ml

Instrument :

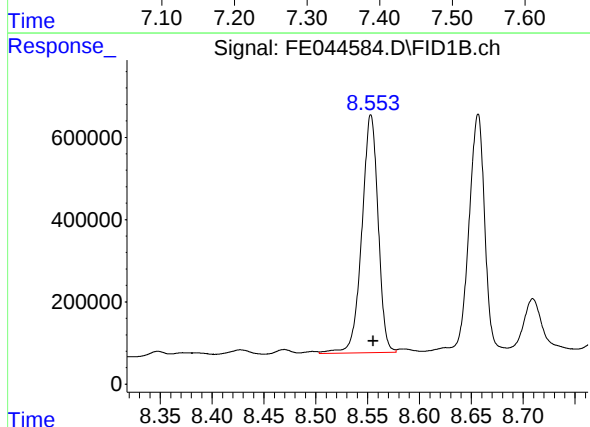
FID_E

ClientSampleId :

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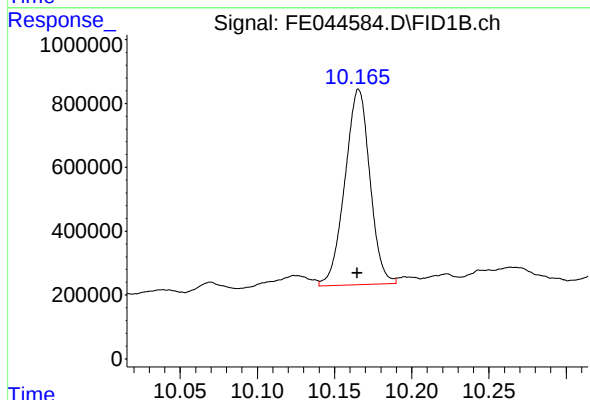
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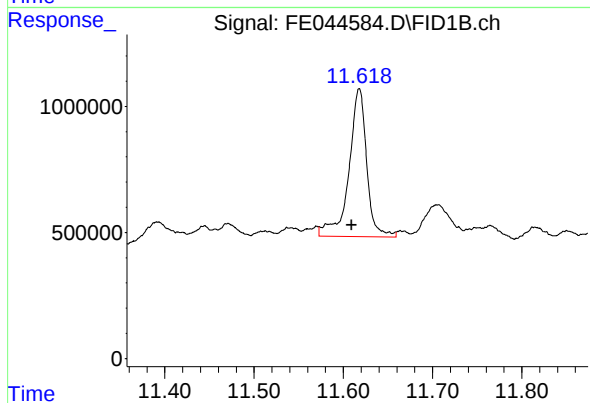
#6 n-Tetradecane (C14)

R.T.: 8.553 min
Delta R.T.: -0.002 min
Response: 6329298
Conc: 38.55 ug/ml



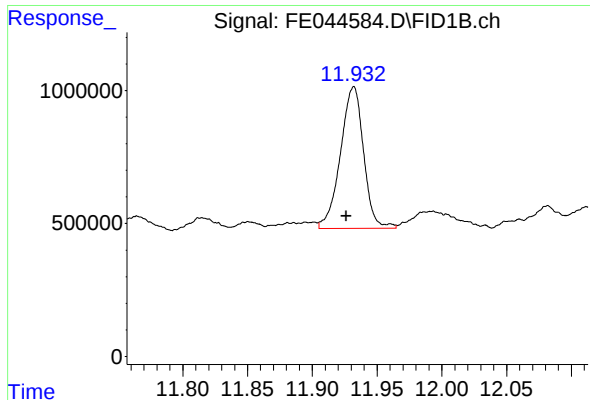
#7 n-Hexadecane (C16)

R.T.: 10.165 min
Delta R.T.: 0.000 min
Response: 6908859
Conc: 40.78 ug/ml m



#8 n-Octadecane (C18)

R.T.: 11.618 min
Delta R.T.: 0.008 min
Response: 8129937
Conc: 47.88 ug/ml m



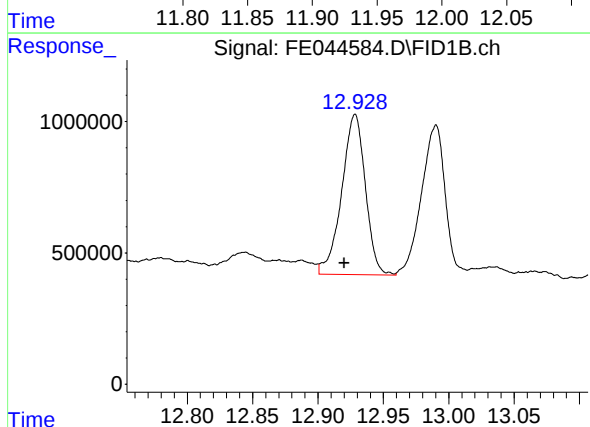
#9 ortho-Terphenyl (SURR)

R.T.: 11.932 min
Delta R.T.: 0.006 min
Response: 6632570
Conc: 35.33 ug/ml

Instrument :
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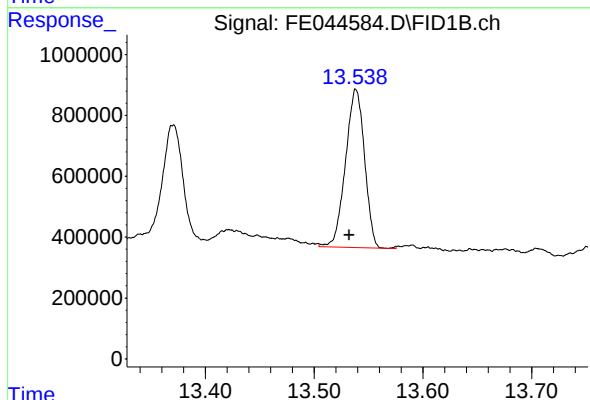
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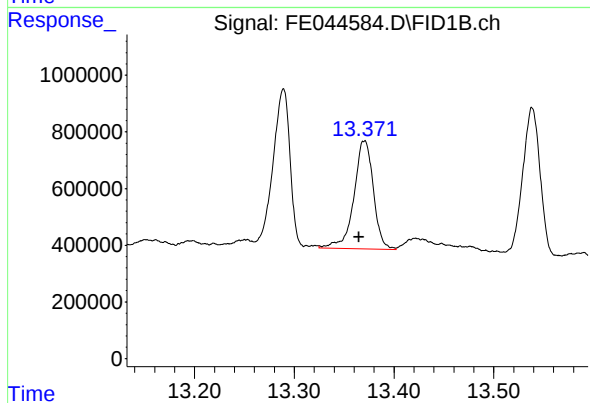
#10 n-Eicosane (C20)

R.T.: 12.928 min
Delta R.T.: 0.008 min
Response: 7681738
Conc: 47.75 ug/ml m



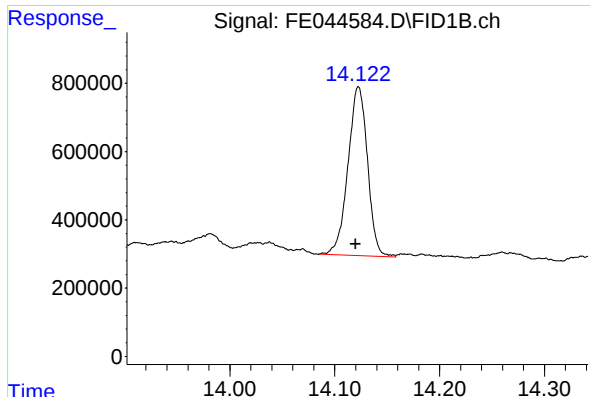
#11 n-Heneicosane (C21)

R.T.: 13.538 min
Delta R.T.: 0.005 min
Response: 6323162
Conc: 40.38 ug/ml m



#12 1-chlorooctadecane (SURR)

R.T.: 13.371 min
Delta R.T.: 0.006 min
Response: 5181499
Conc: 38.09 ug/ml m



#13 n-Docosane (C22)

R.T.: 14.123 min
Delta R.T.: 0.003 min
Response: 6404317
Conc: 41.52 ug/ml

Instrument :

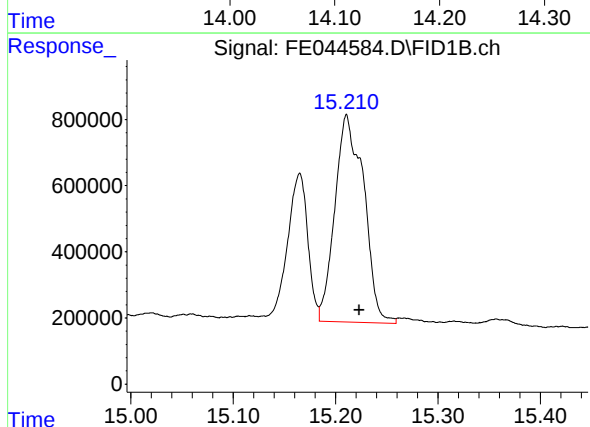
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ClientSampleId :

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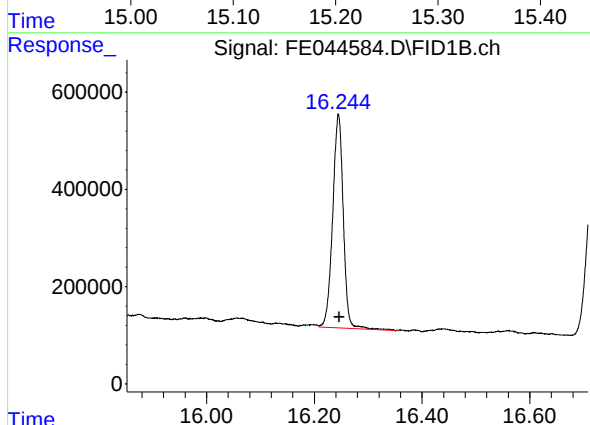
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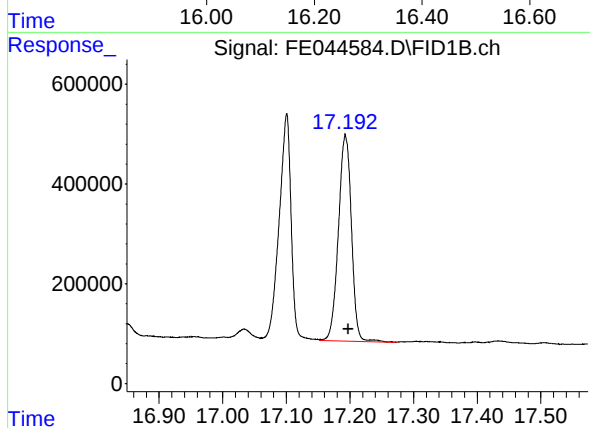
#14 n-Tetracosane (C24)

R.T.: 15.211 min
Delta R.T.: -0.013 min
Response: 12245448
Conc: 81.01 ug/ml



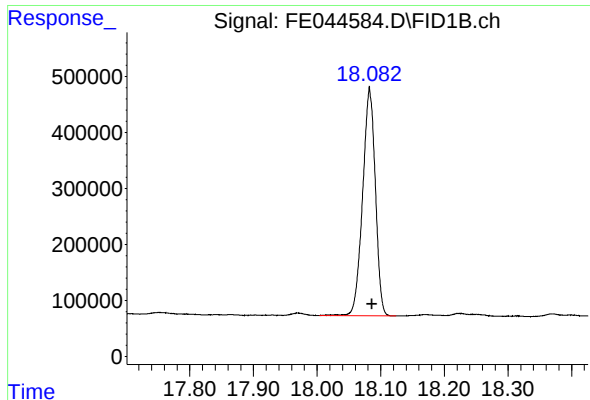
#15 n-Hexacosane (C26)

R.T.: 16.245 min
Delta R.T.: -0.001 min
Response: 6033420
Conc: 41.02 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.193 min
Delta R.T.: -0.004 min
Response: 5875631
Conc: 40.97 ug/ml



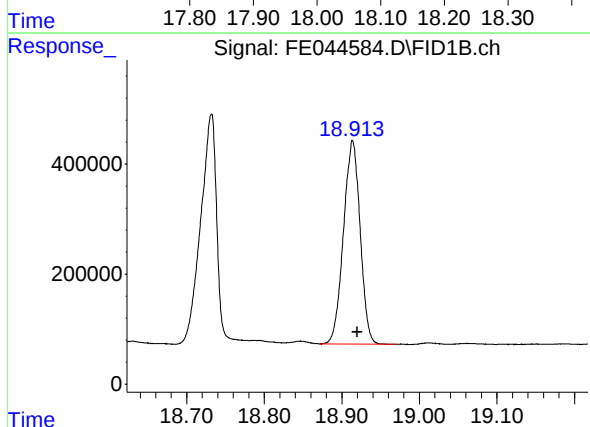
#17 n-Tricontane (C30)

R.T.: 18.082 min
Delta R.T.: -0.004 min
Response: 5651814
Conc: 38.13 ug/ml

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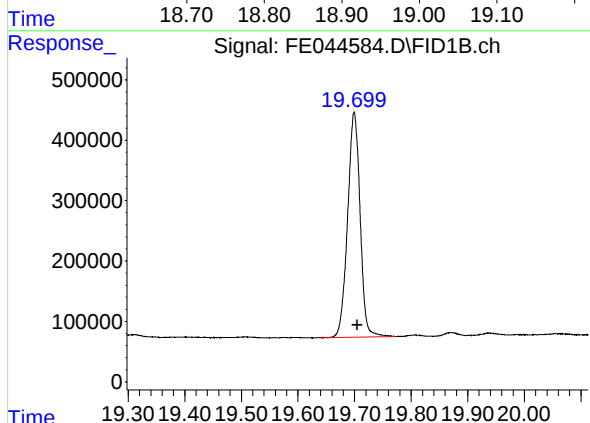
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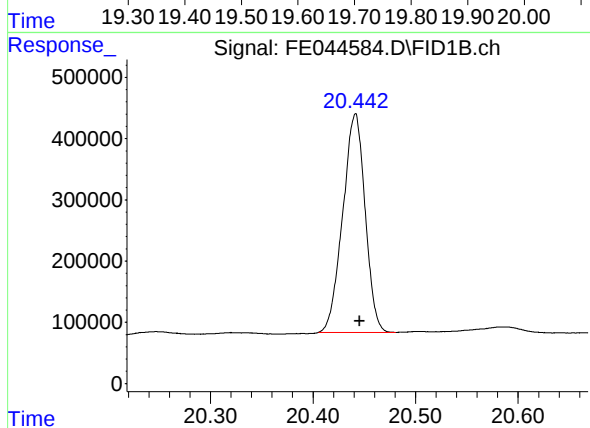
#18 n-Dotriacontane (C32)

R.T.: 18.914 min
Delta R.T.: -0.006 min
Response: 5538540
Conc: 37.41 ug/ml



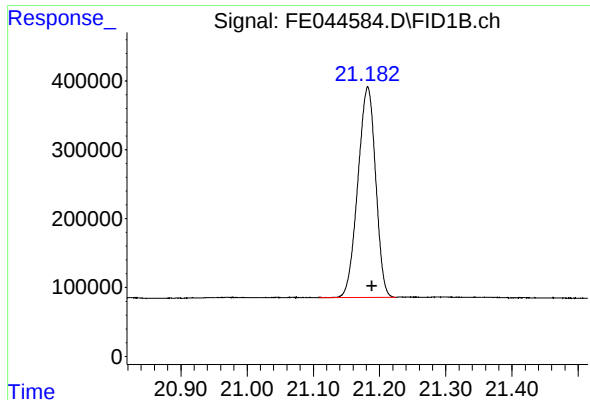
#19 n-Tetratriacontane (C34)

R.T.: 19.699 min
Delta R.T.: -0.005 min
Response: 5710266
Conc: 39.07 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.441 min
Delta R.T.: -0.004 min
Response: 5426181
Conc: 37.41 ug/ml



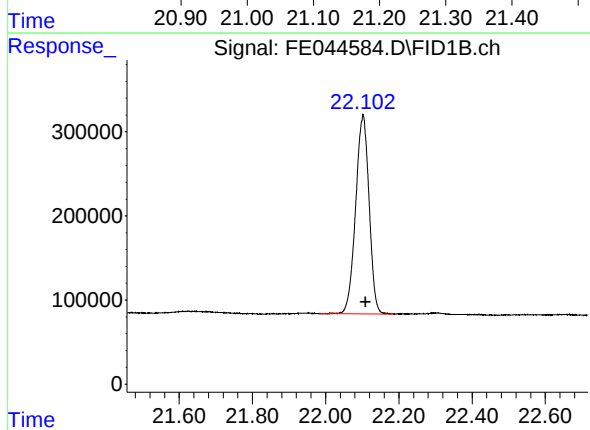
#21 n-Octatriacontane (C38)

R.T.: 21.182 min
Delta R.T.: -0.006 min
Response: 5693628
Conc: 38.01 ug/ml

Instrument :
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#22 n-Tetracontane (C40)

R.T.: 22.102 min
Delta R.T.: -0.007 min
Response: 6033946
Conc: 38.24 ug/ml