

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE091123AL\
 Data File : FE044191.D
 Signal(s) : FID1B.ch
 Acq On : 11 Sep 2023 17:51
 Operator : YP\AJ
 Sample : 04333-01MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 WC-1MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/12/2023
 Supervised By :Ankita Jodhani 09/12/2023

Integration File: autoint1.e
 Quant Time: Sep 12 01:57:19 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 083023.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 31 03:37:37 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)	11.951	11328825	59.798 ug/mlm
Spiked Amount 50.000		Recovery =	119.60%
12) S 1-chlorooctadecane (S...	13.396	5464905	39.558 ug/mlm
Spiked Amount 50.000		Recovery =	79.12%
Target Compounds			
1) T n-Nonane (C9)	3.320	4603081	28.217 ug/ml
2) T n-Decane (C10)	4.572	5370469	32.311 ug/ml
3) T A~Naphthalene (C11.7)	6.272	6450879	36.024 ug/ml
4) T n-Dodecane (C12)	6.736	6702487	39.854 ug/mlm
5) T A~2-methylnaphthalene...	7.368	7238548	42.223 ug/ml
6) T n-Tetradecane (C14)	8.568	7853407	46.828 ug/mlm
7) T n-Hexadecane (C16)	10.182	8473268	49.025 ug/mlm
8) T n-Octadecane (C18)	11.641	8963044	51.491 ug/mlm
10) T n-Eicosane (C20)	12.959	10623794	64.227 ug/mlm
11) T n-Heneicosane (C21)	13.565	7380402	45.627 ug/mlm
13) T n-Docosane (C22)	14.146	7941456	49.708 ug/mlm
14) T n-Tetracosane (C24)	15.231	13341663	85.317 ug/mlm
15) T n-Hexacosane (C26)	16.255	7125211	47.264 ug/mlm
16) T n-Octacosane (C28)	17.202	6939493	48.087 ug/ml
17) T n-Tricontane (C30)	18.092	6898496	47.484 ug/ml
18) T n-Dotriacontane (C32)	18.924	6676018	46.867 ug/ml
19) T n-Tetratriacontane (C34)	19.707	6642649	47.468 ug/ml
20) T n-Hexatriacontane (C36)	20.448	6277712	45.791 ug/ml
21) T n-Octatriacontane (C38)	21.192	6359256	45.811 ug/ml
22) T n-Tetracontane (C40)	22.113	6581403	47.601 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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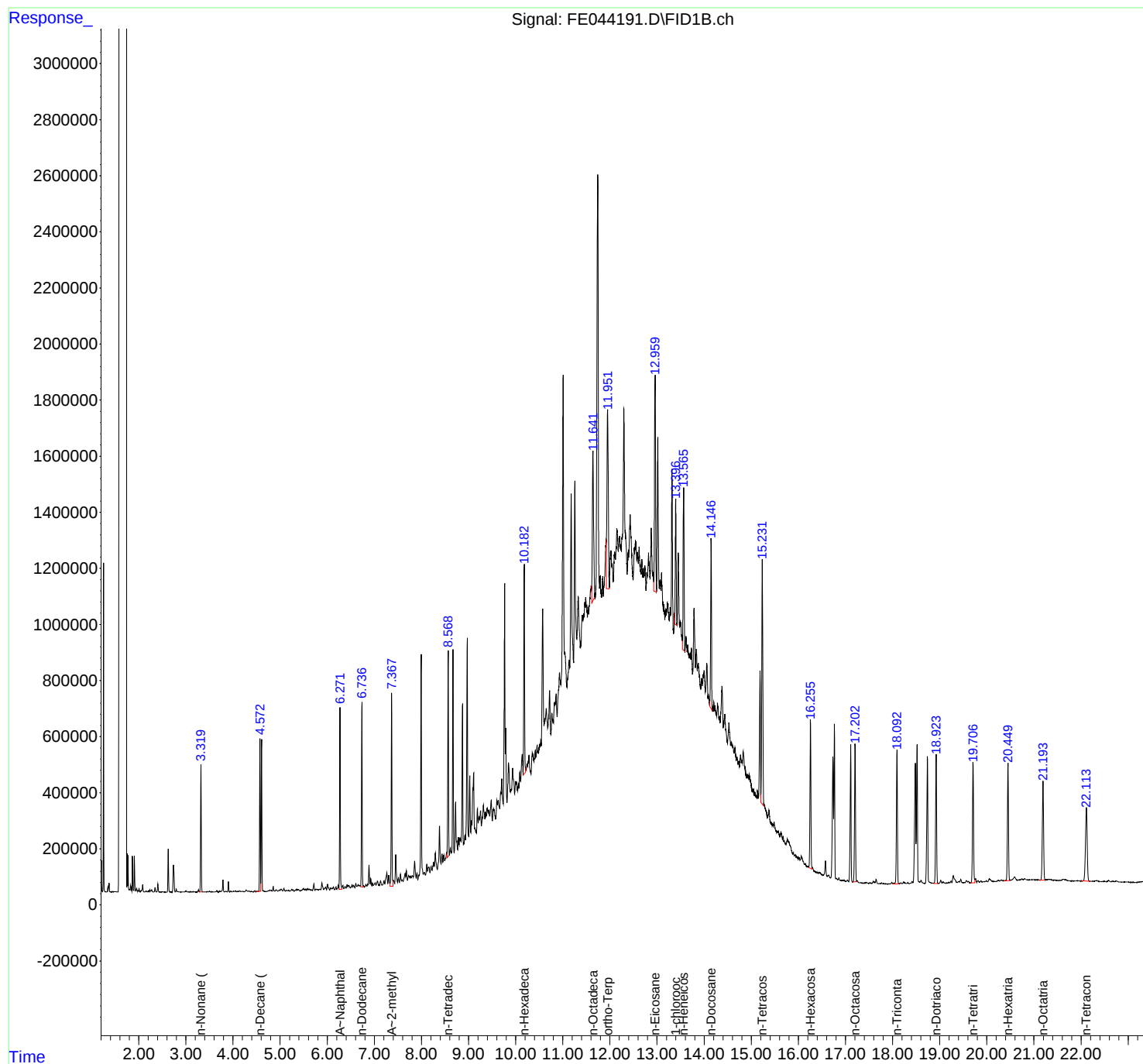
Response via : Initial Calibration

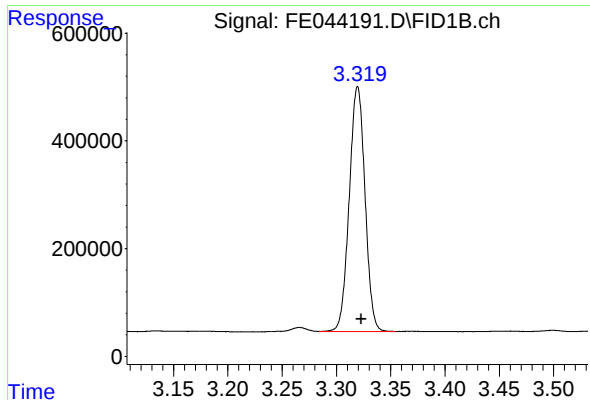
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.320 min
Delta R.T.: -0.003 min
Response: 4603081
Conc: 28.22 ug/ml

Instrument :

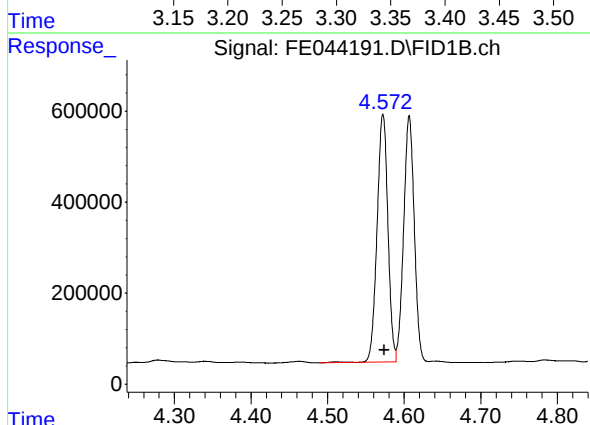
FID_E

ClientSampleId :

WC-1MSD

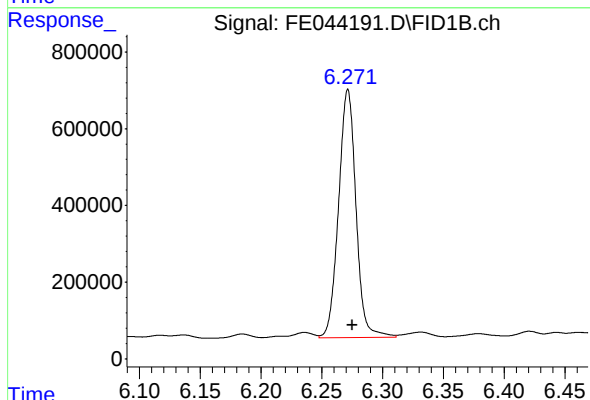
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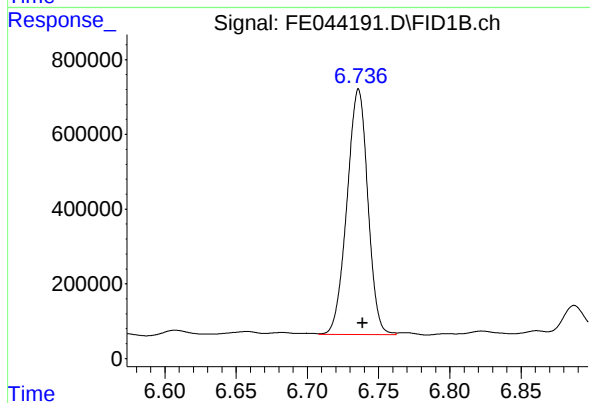
#2 n-Decane (C10)

R.T.: 4.572 min
Delta R.T.: -0.002 min
Response: 5370469
Conc: 32.31 ug/ml



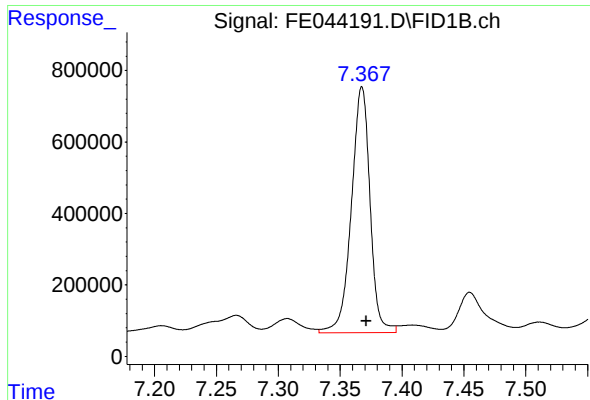
#3 A~Naphthalene (C11.7)

R.T.: 6.272 min
Delta R.T.: -0.004 min
Response: 6450879
Conc: 36.02 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.736 min
Delta R.T.: -0.003 min
Response: 6702487
Conc: 39.85 ug/ml m



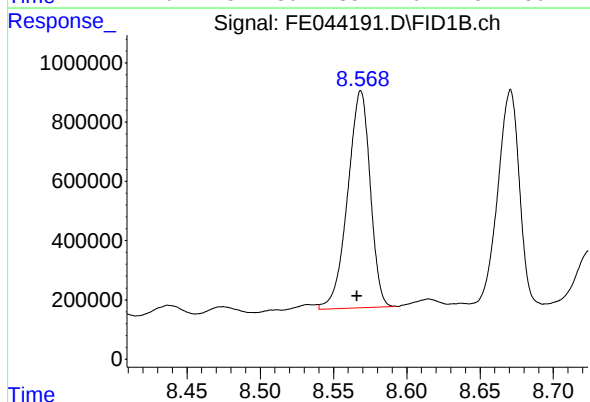
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.368 min
Delta R.T.: -0.004 min
Response: 7238548
Conc: 42.22 ug/ml

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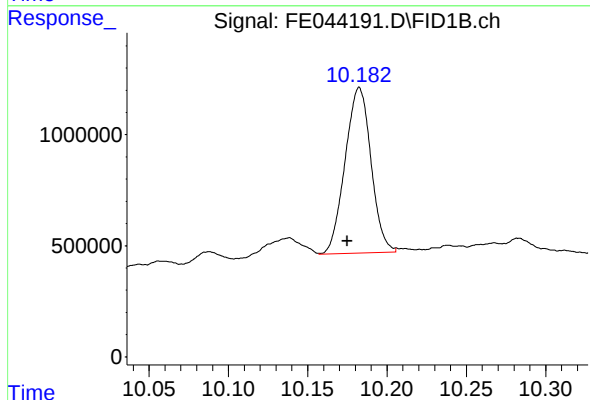
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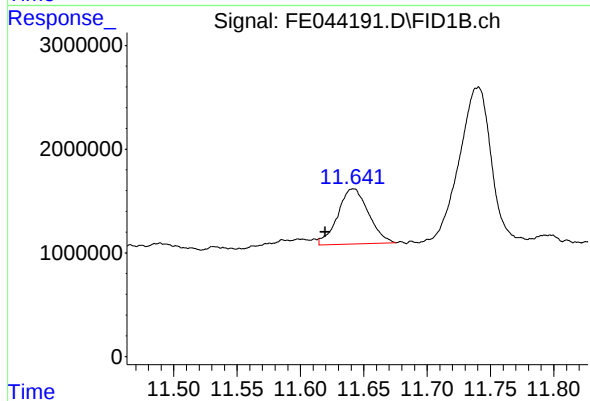
#6 n-Tetradecane (C14)

R.T.: 8.568 min
Delta R.T.: 0.002 min
Response: 7853407
Conc: 46.83 ug/ml m



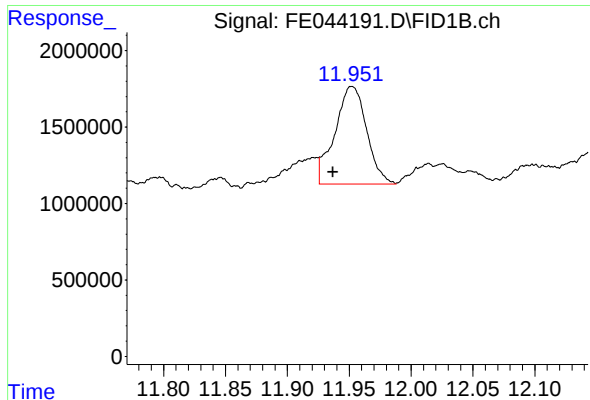
#7 n-Hexadecane (C16)

R.T.: 10.182 min
Delta R.T.: 0.007 min
Response: 8473268
Conc: 49.03 ug/ml m



#8 n-Octadecane (C18)

R.T.: 11.641 min
Delta R.T.: 0.022 min
Response: 8963044
Conc: 51.49 ug/ml m



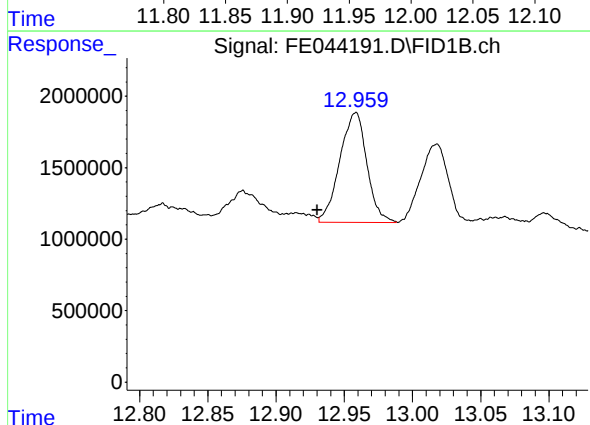
#9 ortho-Terphenyl (SURR)

R.T.: 11.951 min
Delta R.T.: 0.015 min
Response: 11328825
Conc: 59.80 ug/ml

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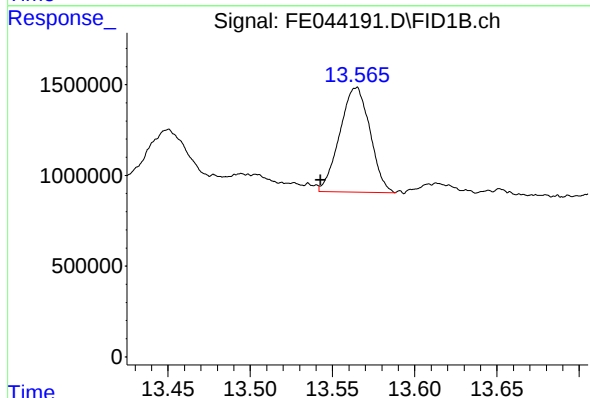
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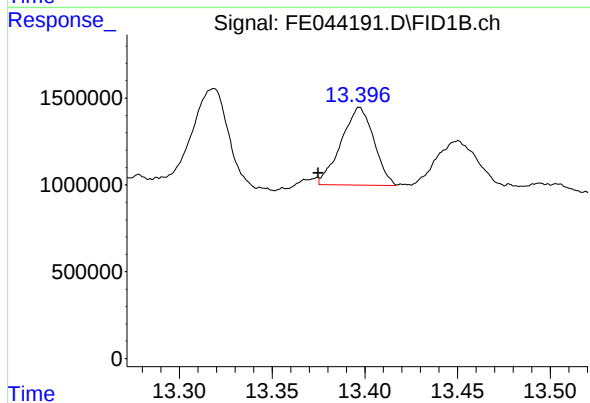
#10 n-Eicosane (C20)

R.T.: 12.959 min
Delta R.T.: 0.029 min
Response: 10623794
Conc: 64.23 ug/ml m



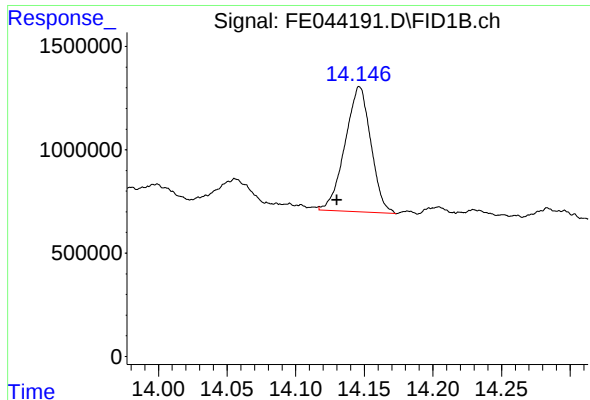
#11 n-Heneicosane (C21)

R.T.: 13.565 min
Delta R.T.: 0.022 min
Response: 7380402
Conc: 45.63 ug/ml m



#12 1-chlorooctadecane (SURR)

R.T.: 13.396 min
Delta R.T.: 0.021 min
Response: 5464905
Conc: 39.56 ug/ml m



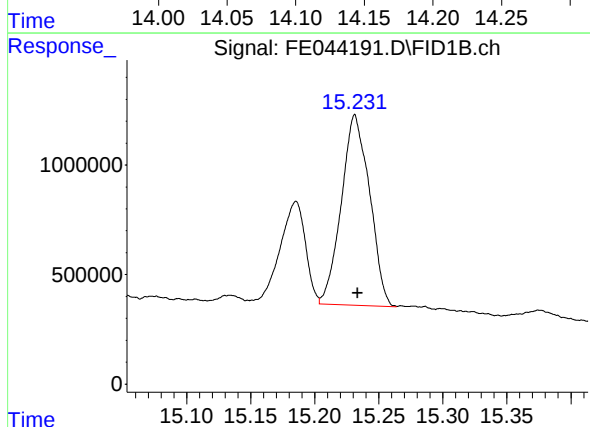
#13 n-Docosane (C22)

R.T.: 14.146 min
Delta R.T.: 0.016 min
Response: 7941456
Conc: 49.71 ug/ml

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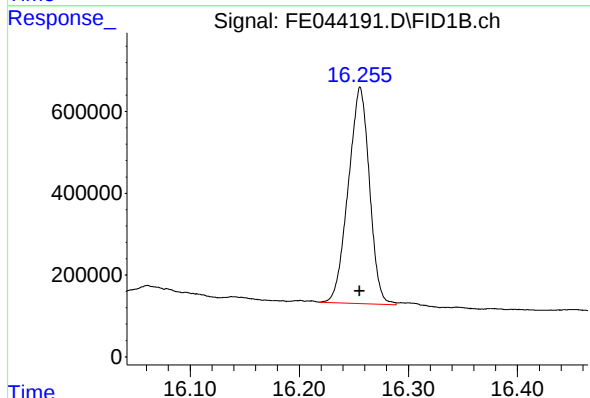
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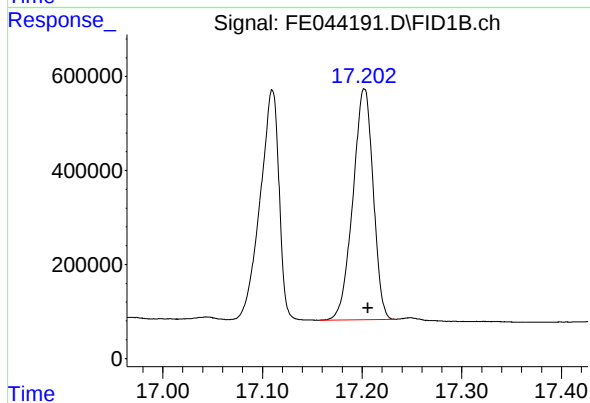
#14 n-Tetracosane (C24)

R.T.: 15.231 min
Delta R.T.: -0.003 min
Response: 13341663
Conc: 85.32 ug/ml m



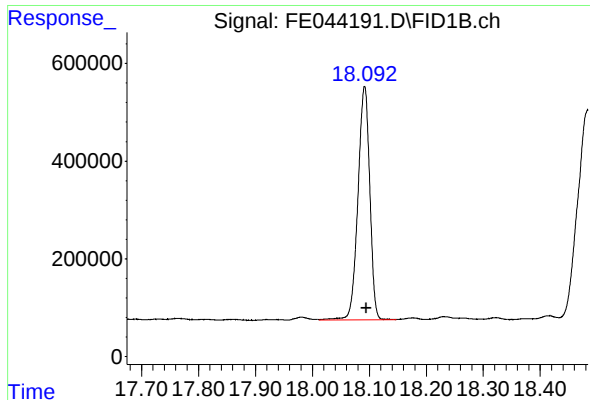
#15 n-Hexacosane (C26)

R.T.: 16.255 min
Delta R.T.: 0.000 min
Response: 7125211
Conc: 47.26 ug/ml m



#16 n-Octacosane (C28)

R.T.: 17.202 min
Delta R.T.: -0.004 min
Response: 6939493
Conc: 48.09 ug/ml



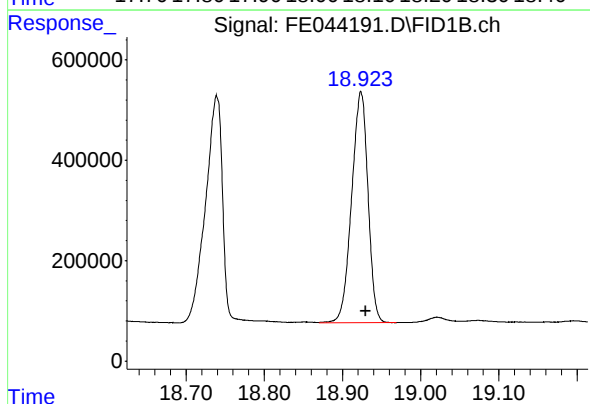
#17 n-Tricontane (C30)

R.T.: 18.092 min
Delta R.T.: -0.003 min
Response: 6898496
Conc: 47.48 ug/ml

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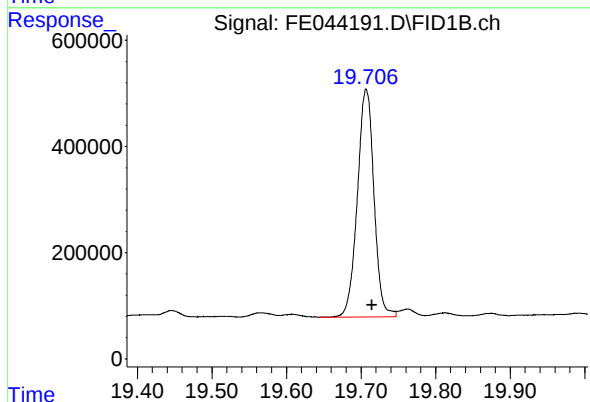
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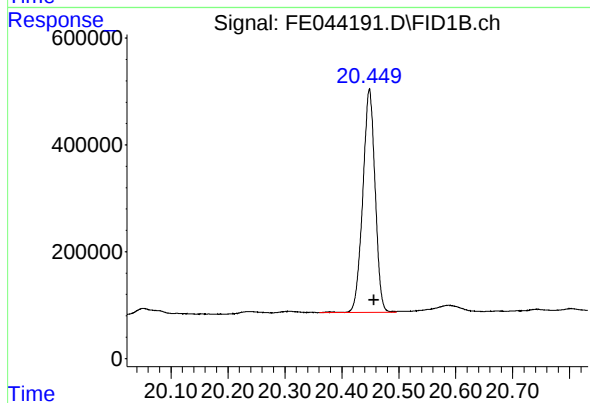
#18 n-Dotriacontane (C32)

R.T.: 18.924 min
Delta R.T.: -0.006 min
Response: 6676018
Conc: 46.87 ug/ml



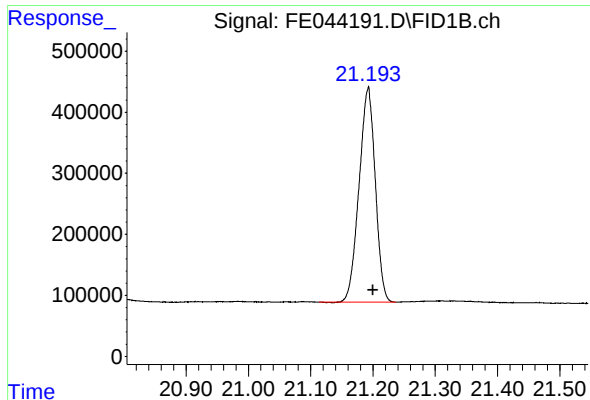
#19 n-Tetratriacontane (C34)

R.T.: 19.707 min
Delta R.T.: -0.008 min
Response: 6642649
Conc: 47.47 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.448 min
Delta R.T.: -0.008 min
Response: 6277712
Conc: 45.79 ug/ml



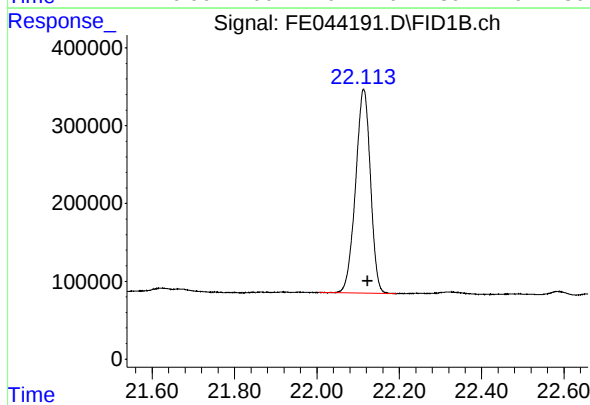
#21 n-Octatriacontane (C38)

R.T.: 21.192 min
Delta R.T.: -0.007 min
Response: 6359256
Conc: 45.81 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.113 min
Delta R.T.: -0.010 min
Response: 6581403
Conc: 47.60 ug/ml