

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF083123AL\
 Data File : FF013468.D
 Signal(s) : FID2B.ch
 Acq On : 31 Aug 2023 11:23
 Operator : YP\AJ
 Sample : PB155214BSD
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 PB155214BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/01/2023
 Supervised By :mohammad ahmed 09/01/2023

Integration File: autoint1.e
 Quant Time: Sep 01 00:19:49 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 081023.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 10 16:05:52 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)	11.891	6199245	45.120 ug/ml
Spiked Amount 50.000		Recovery =	90.24%
12) S 1-chlorooctadecane (S...	13.329	4910608	46.860 ug/ml
Spiked Amount 50.000		Recovery =	93.72%
Target Compounds			
1) T n-Nonane (C9)	3.284	4634305	43.372 ug/ml
2) T n-Decane (C10)	4.535	4998450	46.643 ug/ml
3) T A~Naphthalene (C11.7)	6.234	6018865	50.840 ug/ml
4) T n-Dodecane (C12)	6.698	5552545	51.314 ug/ml
5) T A~2-methylnaphthalene...	7.328	6237753	52.625 ug/ml
6) T n-Tetradecane (C14)	8.527	6160920	57.075 ug/ml
7) T n-Hexadecane (C16)	10.132	6619702	61.068 ug/ml
8) T n-Octadecane (C18)	11.576	6809291	62.186 ug/ml
10) T n-Eicosane (C20)	12.887	6974278	63.558 ug/ml
11) T n-Heneicosane (C21)	13.499	6753315	61.469 ug/ml
13) T n-Docosane (C22)	14.085	6720459	61.213 ug/ml
14) T n-Tetracosane (C24)	15.188	5417937	49.314 ug/ml
15) T n-Hexacosane (C26)	16.211	6461598	59.123 ug/ml
16) T n-Octacosane (C28)	17.159	6403504	59.307 ug/ml
17) T n-Tricontane (C30)	18.047	6285307	57.474 ug/ml
18) T n-Dotriacontane (C32)	18.877	6127658	54.247 ug/ml
19) T n-Tetratriacontane (C34)	19.660	5773543	54.353 ug/ml
20) T n-Hexatriacontane (C36)	20.398	5568373	52.830 ug/ml
21) T n-Octatriacontane (C38)	21.128	5326393	52.737 ug/ml
22) T n-Tetracontane (C40)	22.026	5873169	59.092 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 081023.M

Quant Title : GC Extractables

QLast Update : Thu Aug 10 16:05:52 2023

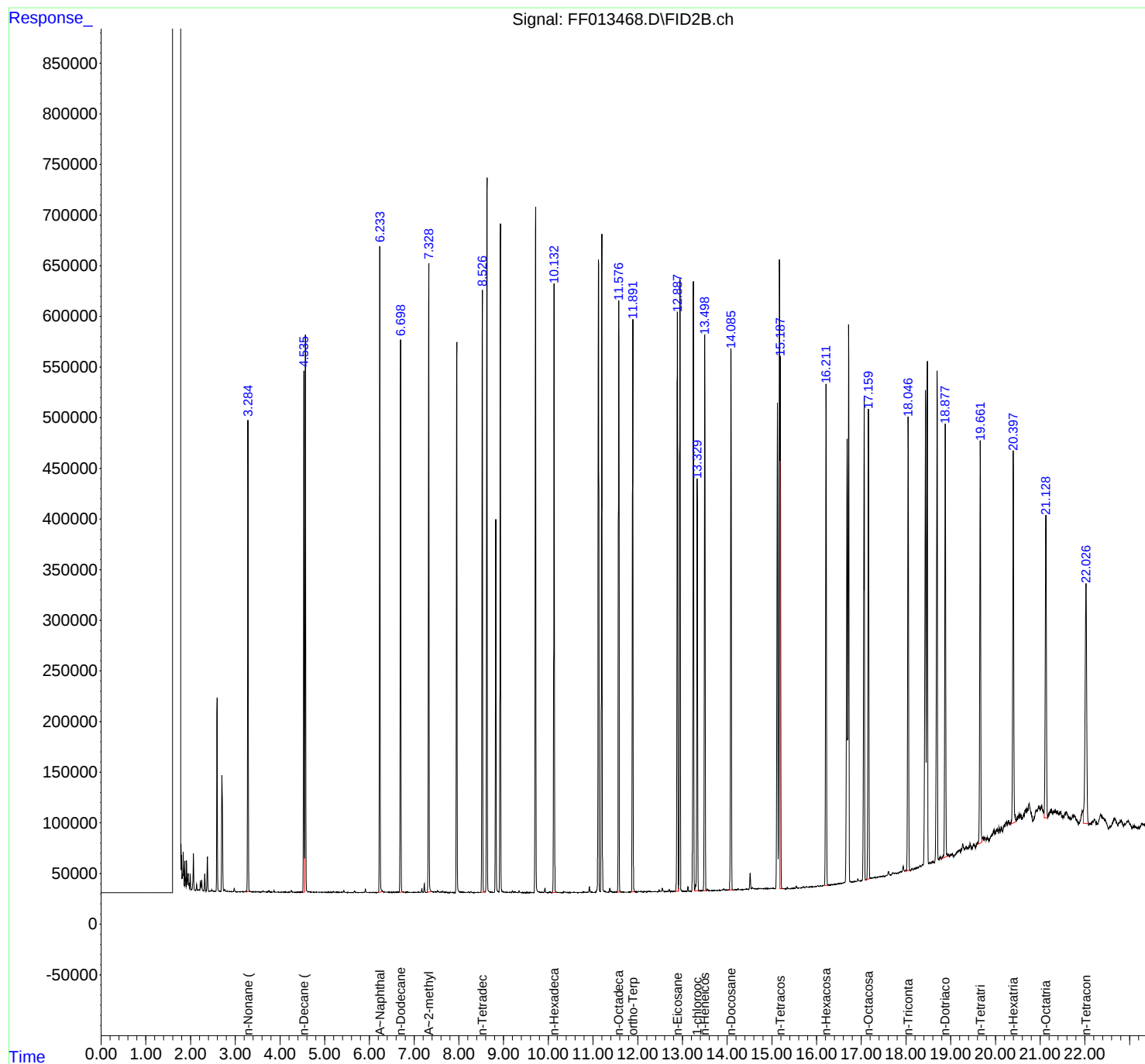
Response via : Initial Calibration

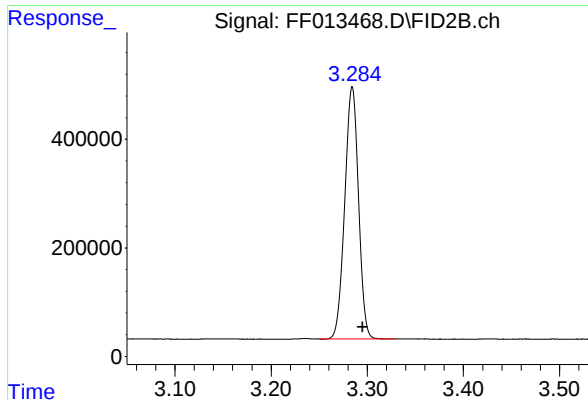
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





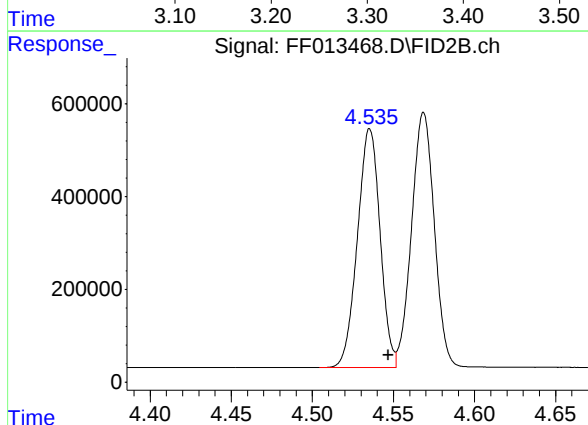
#1 n-Nonane (C9)

R.T.: 3.284 min
Delta R.T.: -0.011 min
Response: 4634305
Conc: 43.37 ug/ml

Instrument :
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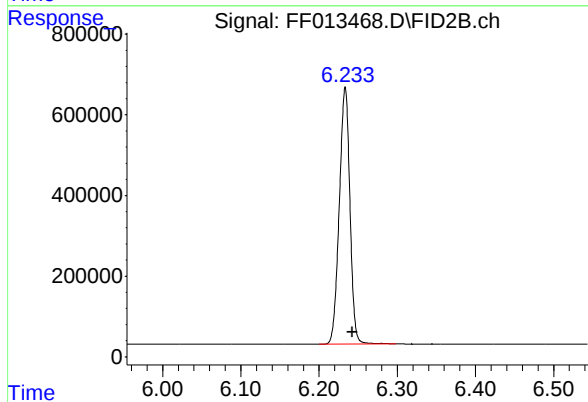
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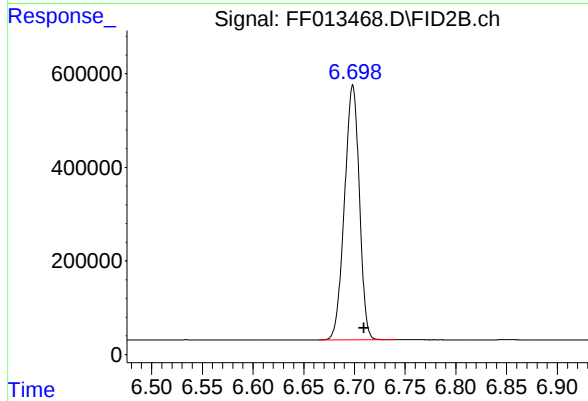
#2 n-Decane (C10)

R.T.: 4.535 min
Delta R.T.: -0.011 min
Response: 4998450
Conc: 46.64 ug/ml



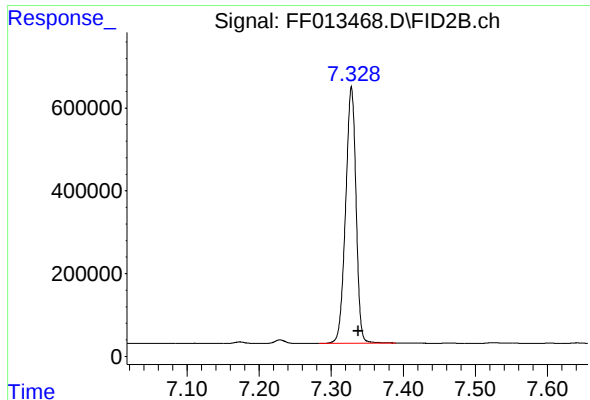
#3 A~Naphthalene (C11.7)

R.T.: 6.234 min
Delta R.T.: -0.009 min
Response: 6018865
Conc: 50.84 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.698 min
Delta R.T.: -0.011 min
Response: 5552545
Conc: 51.31 ug/ml



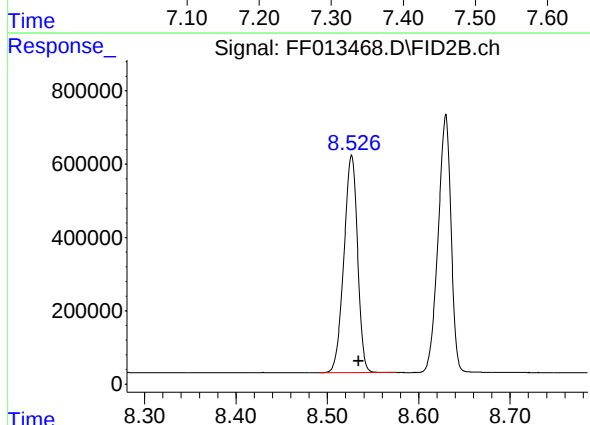
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.328 min
Delta R.T.: -0.010 min
Response: 6237753
Conc: 52.62 ug/ml

Instrument :
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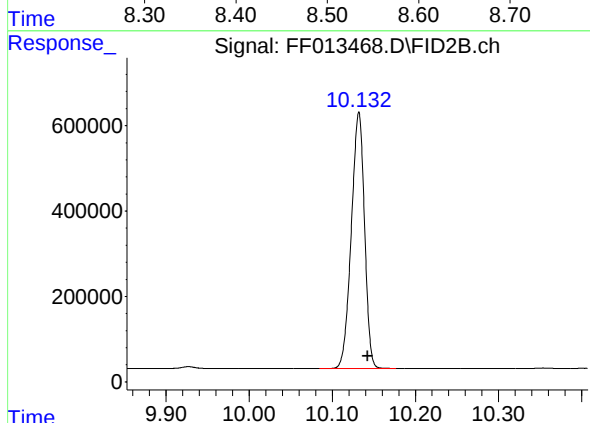
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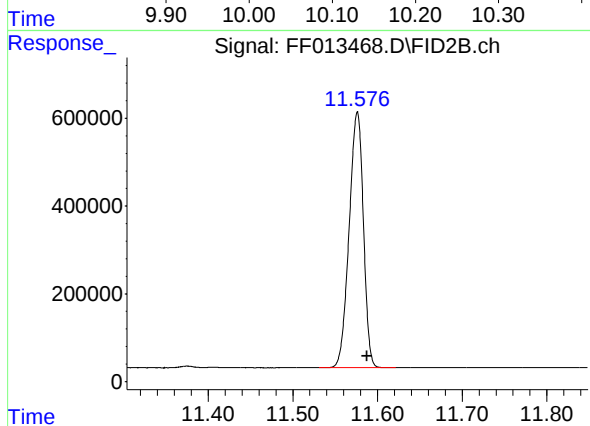
#6 n-Tetradecane (C14)

R.T.: 8.527 min
Delta R.T.: -0.008 min
Response: 6160920
Conc: 57.08 ug/ml



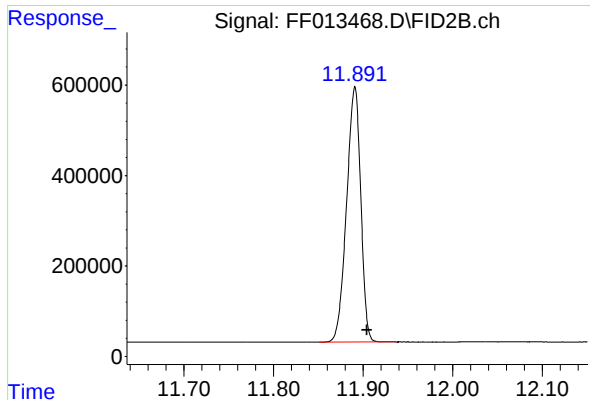
#7 n-Hexadecane (C16)

R.T.: 10.132 min
Delta R.T.: -0.011 min
Response: 6619702
Conc: 61.07 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.576 min
Delta R.T.: -0.011 min
Response: 6809291
Conc: 62.19 ug/ml



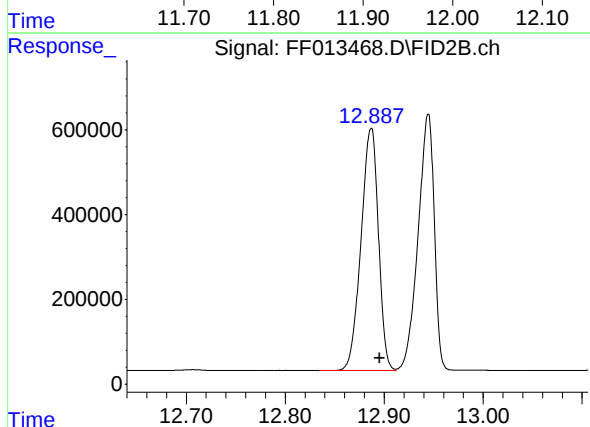
#9 ortho-Terphenyl (SURR)

R.T.: 11.891 min
Delta R.T.: -0.013 min
Response: 6199245
Conc: 45.12 ug/ml

Instrument :
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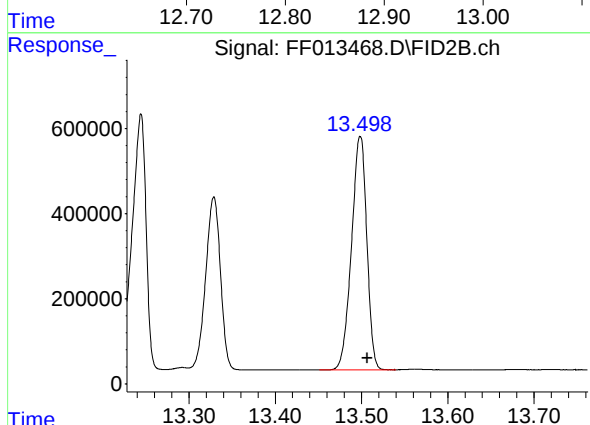
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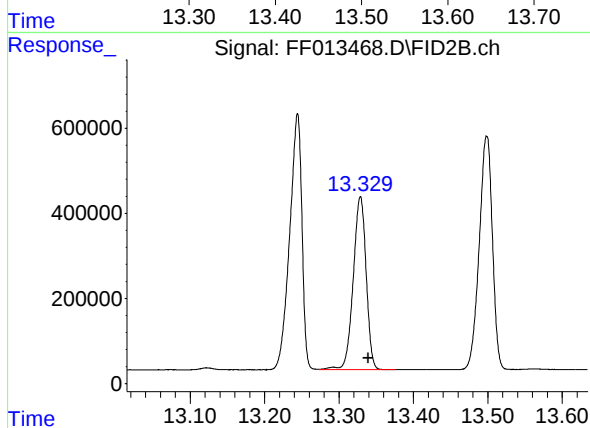
#10 n-Eicosane (C20)

R.T.: 12.887 min
Delta R.T.: -0.008 min
Response: 6974278
Conc: 63.56 ug/ml



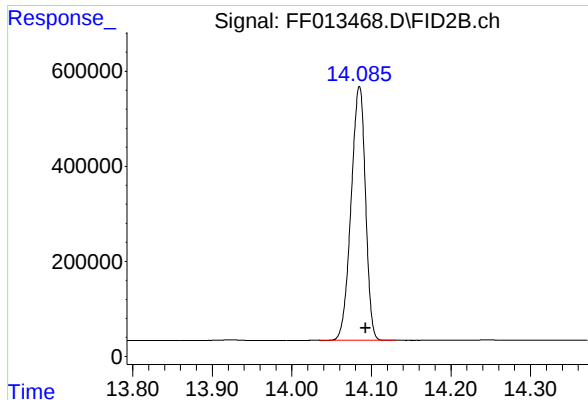
#11 n-Heneicosane (C21)

R.T.: 13.499 min
Delta R.T.: -0.008 min
Response: 6753315
Conc: 61.47 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.329 min
Delta R.T.: -0.011 min
Response: 4910608
Conc: 46.86 ug/ml



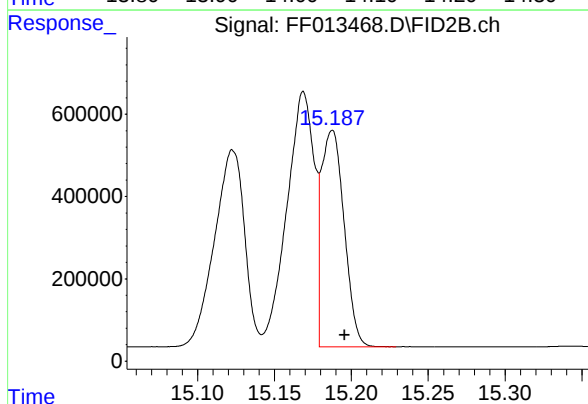
#13 n-Docosane (C22)

R.T.: 14.085 min
Delta R.T.: -0.008 min
Response: 6720459
Conc: 61.21 ug/ml

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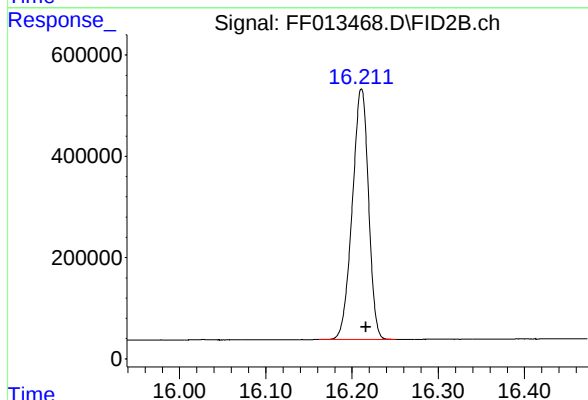
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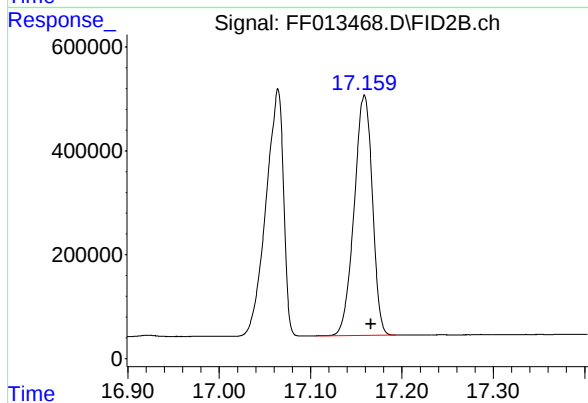
#14 n-Tetracosane (C24)

R.T.: 15.188 min
Delta R.T.: -0.008 min
Response: 5417937
Conc: 49.31 ug/ml



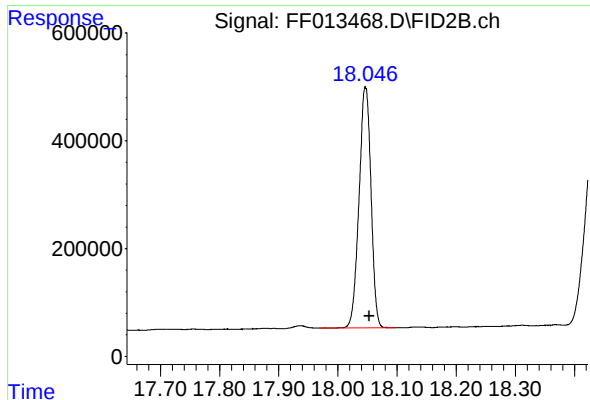
#15 n-Hexacosane (C26)

R.T.: 16.211 min
Delta R.T.: -0.005 min
Response: 6461598
Conc: 59.12 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.159 min
Delta R.T.: -0.007 min
Response: 6403504
Conc: 59.31 ug/ml



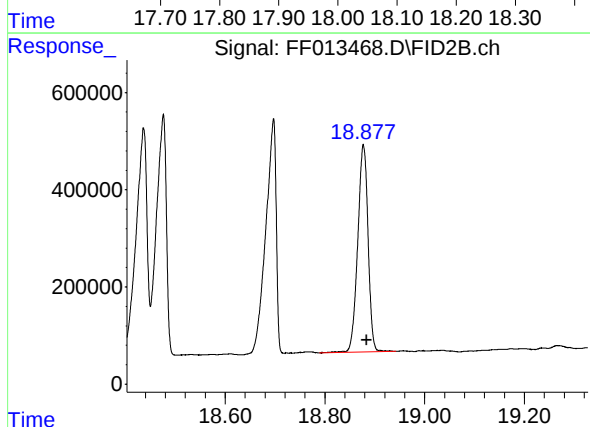
#17 n-Tricontane (C30)

R.T.: 18.047 min
Delta R.T.: -0.006 min
Response: 6285307
Conc: 57.47 ug/ml

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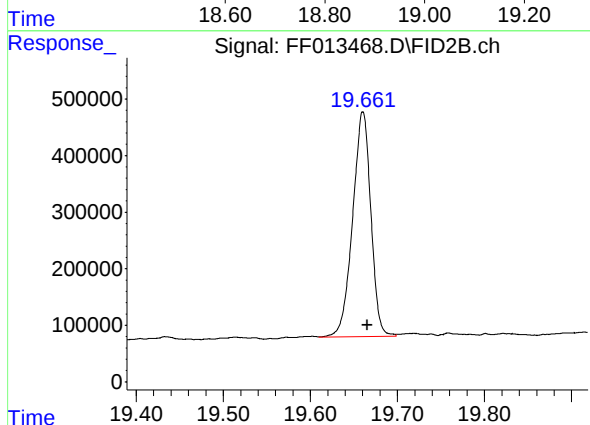
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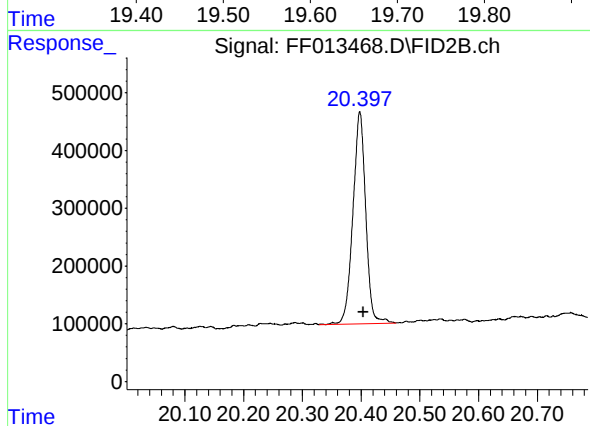
#18 n-Dotriacontane (C32)

R.T.: 18.877 min
Delta R.T.: -0.007 min
Response: 6127658
Conc: 54.25 ug/ml



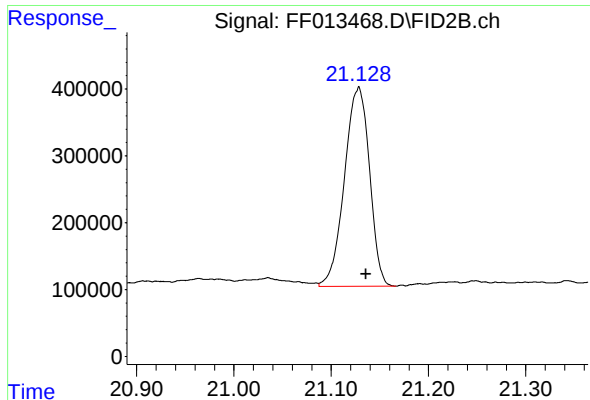
#19 n-Tetratriacontane (C34)

R.T.: 19.660 min
Delta R.T.: -0.005 min
Response: 5773543
Conc: 54.35 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.398 min
Delta R.T.: -0.006 min
Response: 5568373
Conc: 52.83 ug/ml



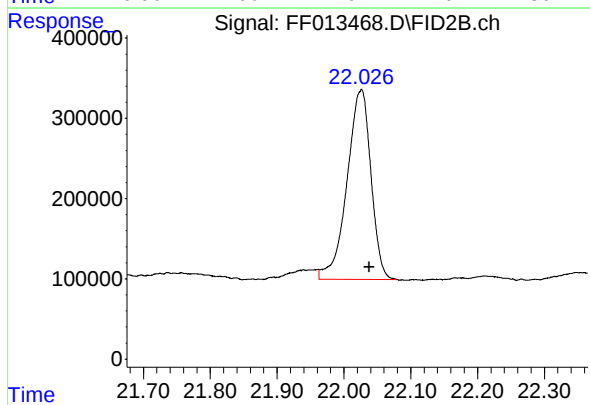
#21 n-Octatriacontane (C38)

R.T.: 21.128 min
Delta R.T.: -0.008 min
Response: 5326393
Conc: 52.74 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.026 min
Delta R.T.: -0.012 min
Response: 5873169
Conc: 59.09 ug/ml m