

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF051224AL\
 Data File : FF014208.D
 Signal(s) : FID2B.ch
 Acq On : 11 May 2024 13:27
 Operator : YP\AJ
 Sample : P2403-02
 Misc :
 ALS Vial : 75 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 LOQ-SOIL-02-QT2-2024

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/13/2024
 Supervised By :Ankita Jodhani 05/13/2024

Integration File: autoint1.e
 Quant Time: May 13 04:08:03 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 051124.M
 Quant Title : GC Extractables
 QLast Update : Sat May 11 04:41:44 2024
 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			
12) S 1-chlorooctadecane (S...	13.284	4032070	39.756 ug/ml
Spiked Amount 50.000		Recovery =	79.51%
Target Compounds			
1) T n-Nonane (C9)	3.242	436377	3.350 ug/ml
2) T n-Decane (C10)	4.489	546790	4.126 ug/ml
4) T n-Dodecane (C12)	6.652	609032	4.584 ug/ml
6) T n-Tetradecane (C14)	8.478	605463	4.687 ug/ml
7) T n-Hexadecane (C16)	10.085	600767	4.589 ug/ml
8) T n-Octadecane (C18)	11.527	646702	4.864 ug/ml
10) T n-Eicosane (C20)	12.838	712225	5.577 ug/ml
11) T n-Heneicosane (C21)	13.450	680658	5.446 ug/ml
13) T n-Docosane (C22)	14.037	686237	5.574 ug/ml
14) T n-Tetracosane (C24)	15.139	689972	5.714 ug/mlm
15) T n-Hexacosane (C26)	16.162	645369	5.544 ug/ml
16) T n-Octacosane (C28)	17.114	660720	5.881 ug/ml
17) T n-Tricontane (C30)	18.001	709106	6.314 ug/ml
18) T n-Dotriacontane (C32)	18.836	714563	6.561 ug/ml
19) T n-Tetratriacontane (C34)	19.618	634330	6.089 ug/ml
20) T n-Hexatriacontane (C36)	20.360	543953	5.487 ug/ml
21) T n-Octatriacontane (C38)	21.083	490936	5.087 ug/ml
22) T n-Tetracontane (C40)	21.968	430564	4.589 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : P2403-02
Misc :
ALS Vial : 75 Sample Multiplier: 1

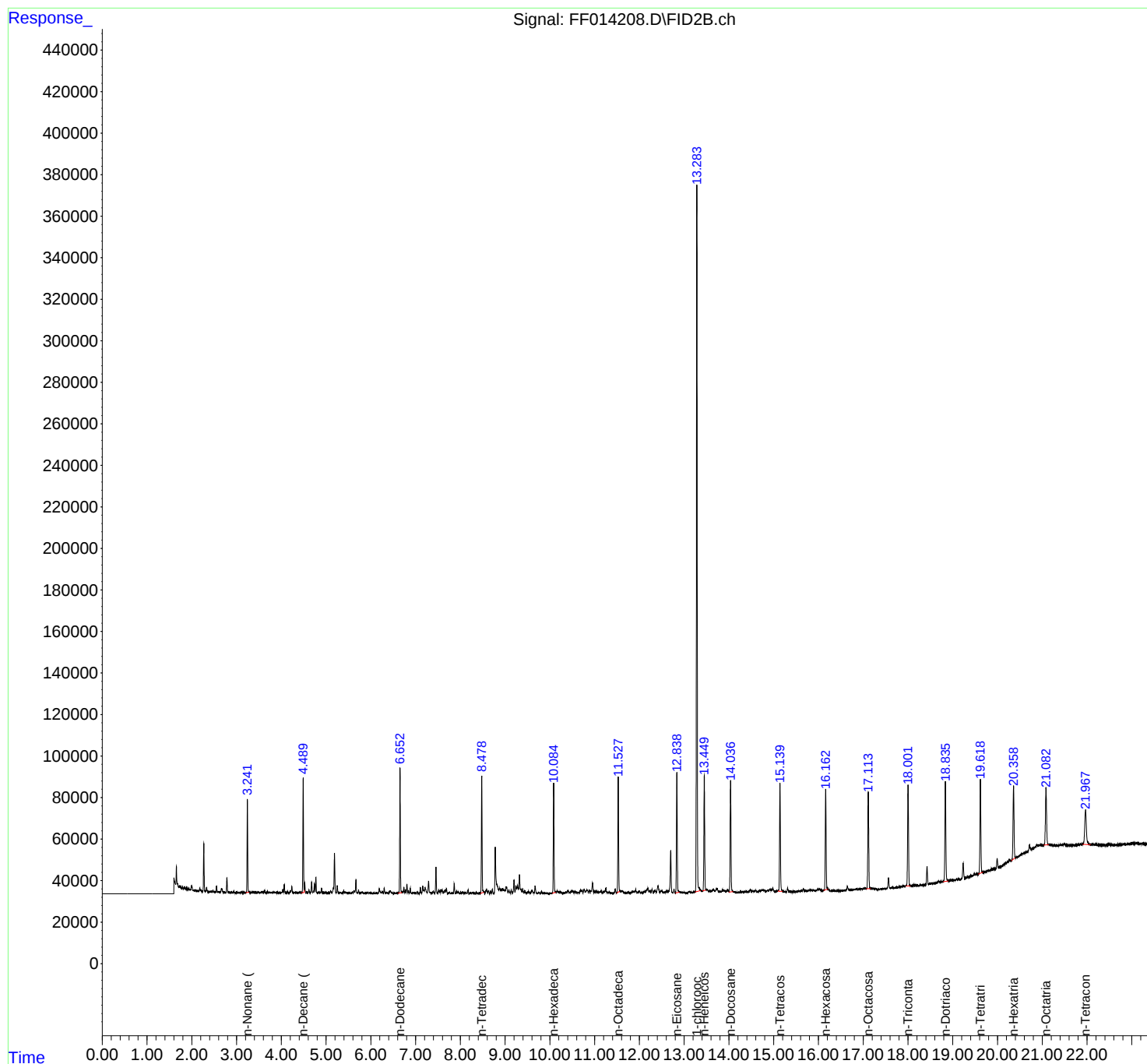
Instrument :
FID_F
ClientSampleId :
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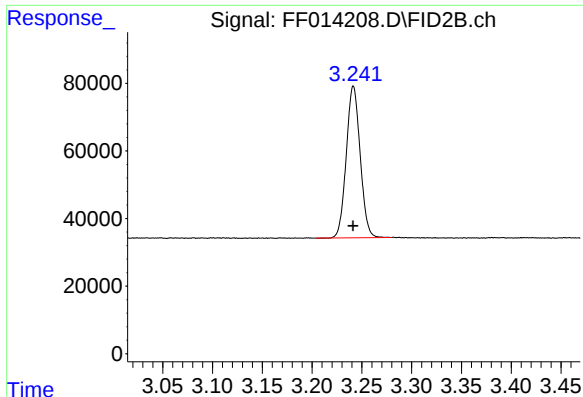
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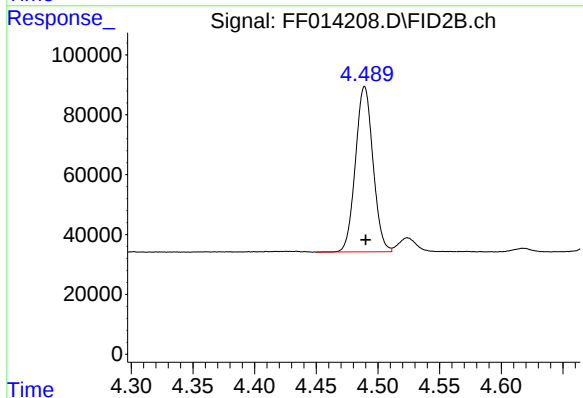
#1 n-Nonane (C9)

R.T.: 3.242 min
Delta R.T.: 0.000 min
Response: 436377
Conc: 3.35 ug/ml

Instrument : FID_F
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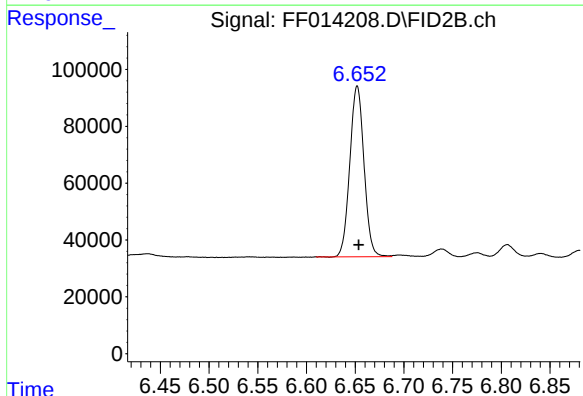
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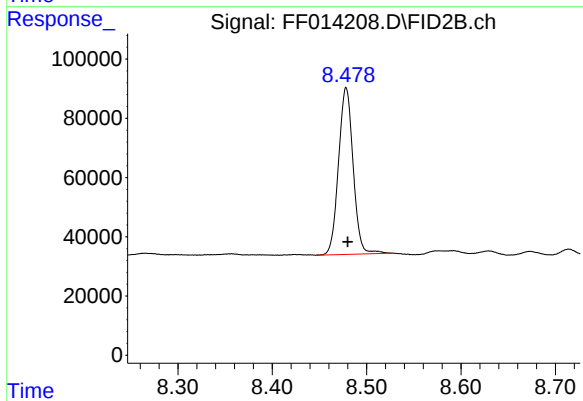
#2 n-Decane (C10)

R.T.: 4.489 min
Delta R.T.: 0.000 min
Response: 546790
Conc: 4.13 ug/ml



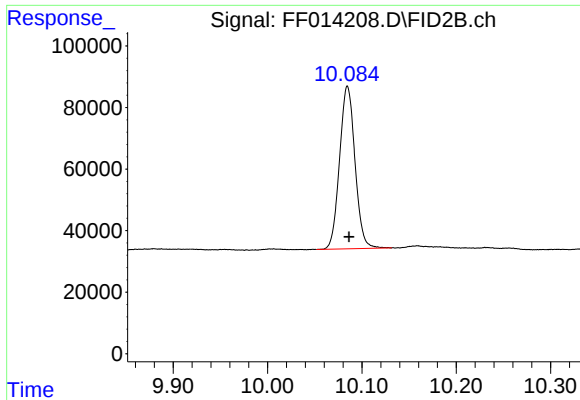
#4 n-Dodecane (C12)

R.T.: 6.652 min
Delta R.T.: -0.002 min
Response: 609032
Conc: 4.58 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.478 min
Delta R.T.: -0.002 min
Response: 605463
Conc: 4.69 ug/ml



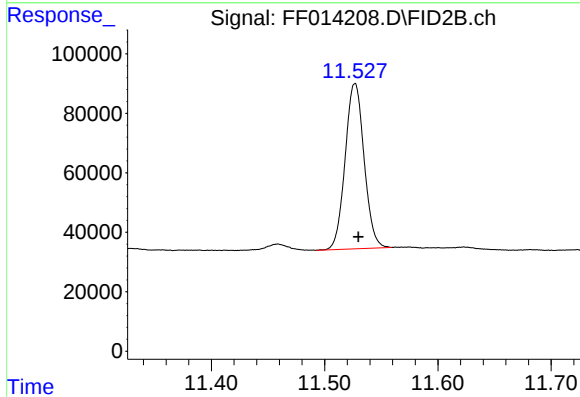
#7 n-Hexadecane (C16)

R.T.: 10.085 min
Delta R.T.: -0.002 min
Response: 600767
Conc: 4.59 ug/ml

Instrument : FID_F
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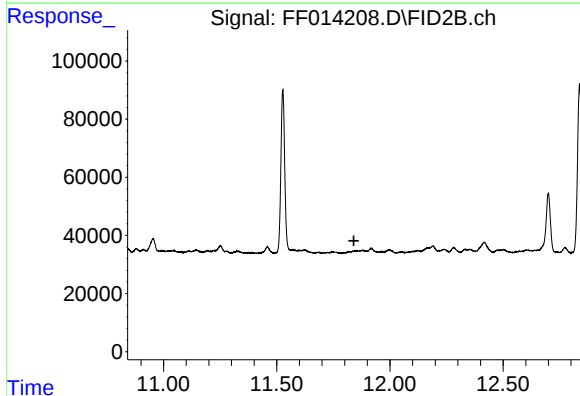
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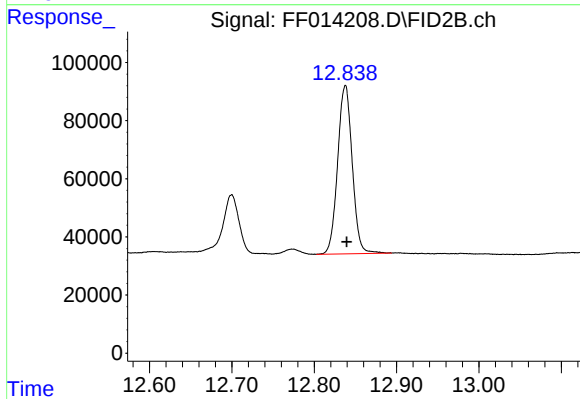
#8 n-Octadecane (C18)

R.T.: 11.527 min
Delta R.T.: -0.003 min
Response: 646702
Conc: 4.86 ug/ml



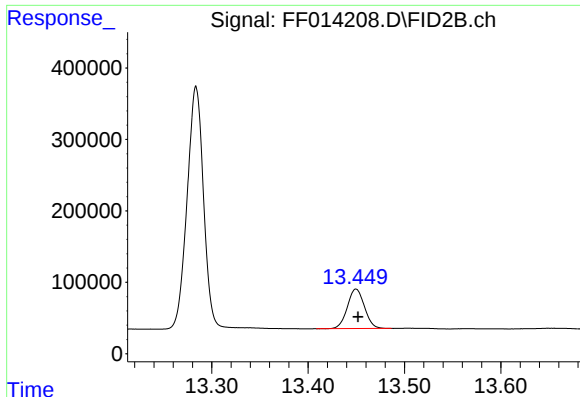
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.841 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.838 min
Delta R.T.: -0.002 min
Response: 712225
Conc: 5.58 ug/ml



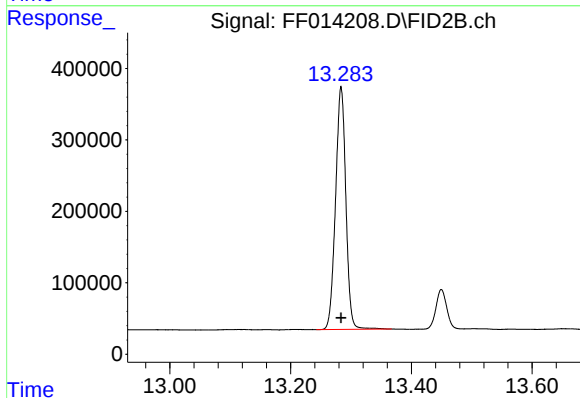
#11 n-Heneicosane (C21)

R.T.: 13.450 min
Delta R.T.: -0.002 min
Response: 680658
Conc: 5.45 ug/ml

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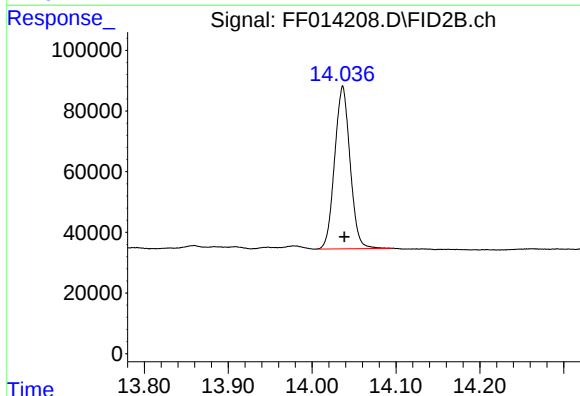
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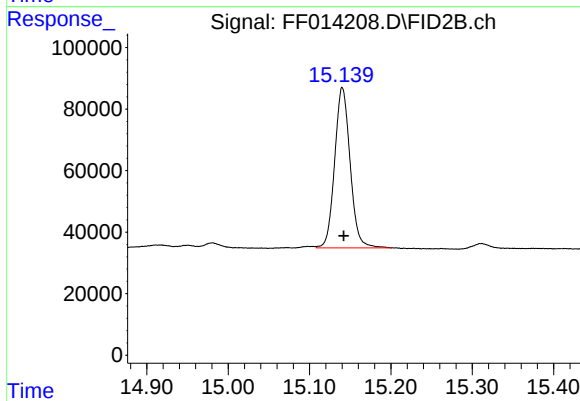
#12 1-chlorooctadecane (SURR)

R.T.: 13.284 min
Delta R.T.: 0.000 min
Response: 4032070
Conc: 39.76 ug/ml



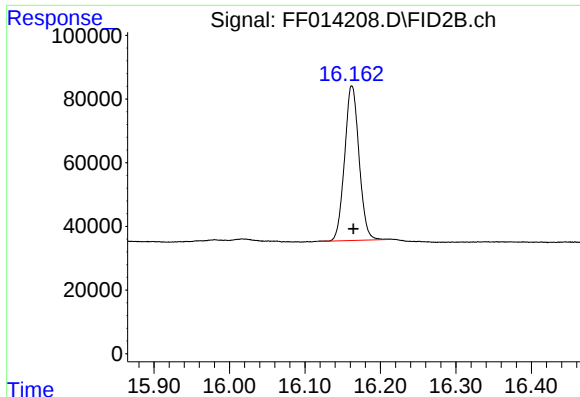
#13 n-Docosane (C22)

R.T.: 14.037 min
Delta R.T.: -0.002 min
Response: 686237
Conc: 5.57 ug/ml



#14 n-Tetracosane (C24)

R.T.: 15.139 min
Delta R.T.: -0.003 min
Response: 689972
Conc: 5.71 ug/ml m



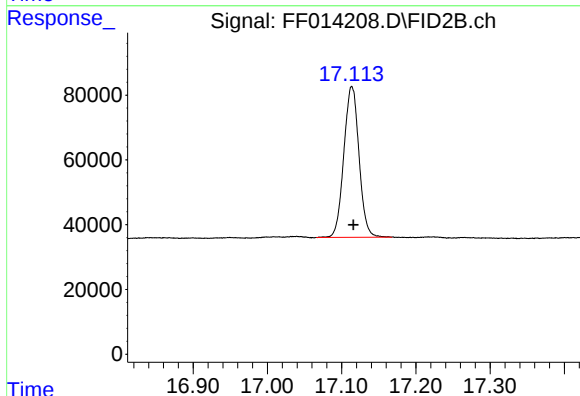
#15 n-Hexacosane (C26)

R.T.: 16.162 min
Delta R.T.: -0.002 min
Response: 645369
Conc: 5.54 ug/ml

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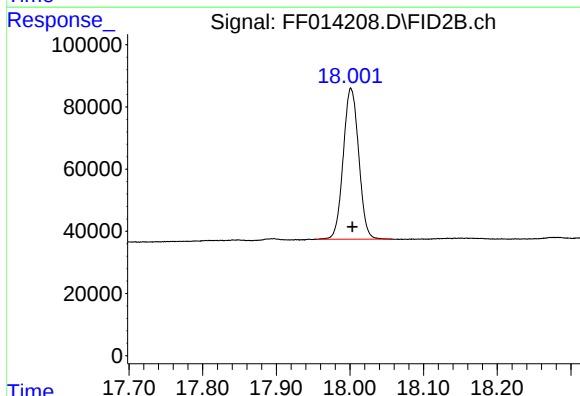
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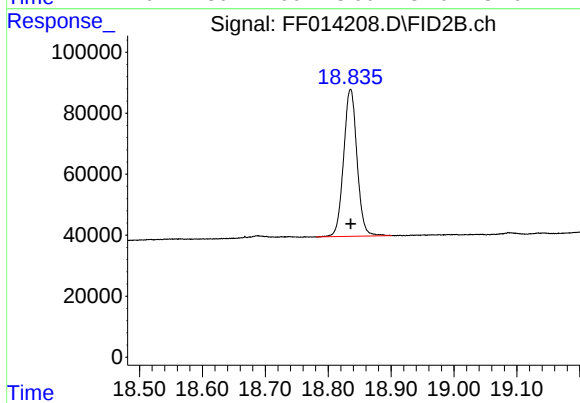
#16 n-Octacosane (C28)

R.T.: 17.114 min
Delta R.T.: -0.002 min
Response: 660720
Conc: 5.88 ug/ml



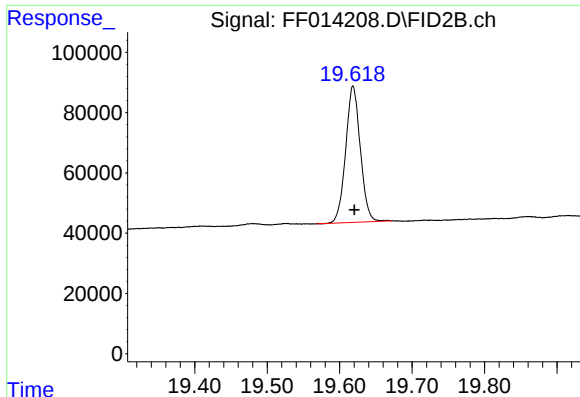
#17 n-Tricontane (C30)

R.T.: 18.001 min
Delta R.T.: -0.002 min
Response: 709106
Conc: 6.31 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.836 min
Delta R.T.: 0.000 min
Response: 714563
Conc: 6.56 ug/ml



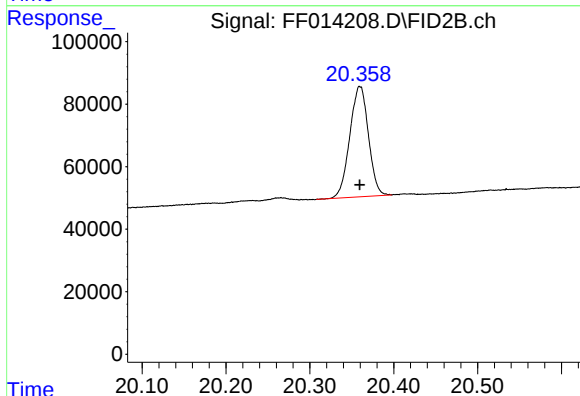
#19 n-Tetratriacontane (C34)

R.T.: 19.618 min
Delta R.T.: -0.002 min
Response: 634330
Conc: 6.09 ug/ml

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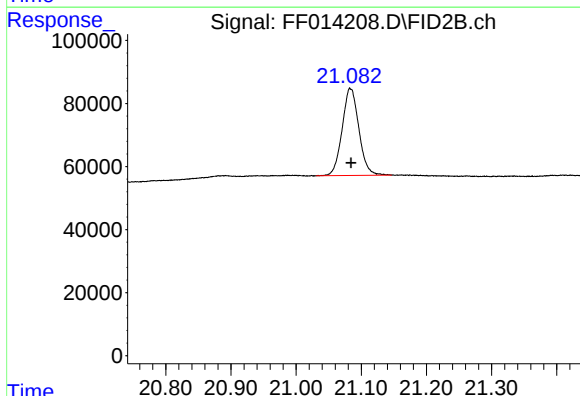
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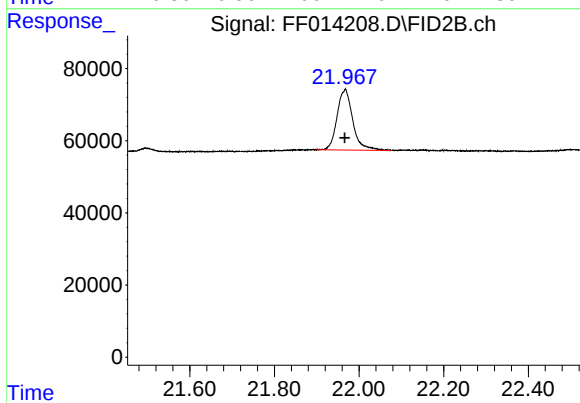
#20 n-Hexatriacontane (C36)

R.T.: 20.360 min
Delta R.T.: 0.000 min
Response: 543953
Conc: 5.49 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.083 min
Delta R.T.: -0.002 min
Response: 490936
Conc: 5.09 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.968 min
Delta R.T.: 0.001 min
Response: 430564
Conc: 4.59 ug/ml