

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF100725AL\
 Data File : FF016544.D
 Signal(s) : FID2B.ch
 Acq On : 07 Oct 2025 17:13
 Operator : YP\AJ
 Sample : Q3296-01MSD
 Misc :
 ALS Vial : 77 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 SU-04-10062025MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/08/2025
 Supervised By :mohammad ahmed 10/09/2025

Integration File: autoint1.e
 Quant Time: Oct 08 02:43:21 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 100225.M
 Quant Title : GC Extractables
 Qlast Update : Fri Oct 03 05:49:41 2025
 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)	11.975	4266081	29.496 ug/ml
Spiked Amount 50.000		Recovery =	58.99%
12) S 1-chlorooctadecane (S...	13.415	3766529	33.767 ug/mlm
Spiked Amount 50.000		Recovery =	67.53%
Target Compounds			
1) T n-Nonane (C9)	3.326	4750338	40.631 ug/ml
2) T n-Decane (C10)	4.588	5845901	49.354 ug/ml
3) T A~Naphthalene (C11.7)	6.300	7543265	57.756 ug/ml
4) T n-Dodecane (C12)	6.767	7193301	59.928 ug/ml
5) T A~2-methylnaphthalene...	7.402	7963589	62.547 ug/ml
6) T n-Tetradecane (C14)	8.604	8427177	69.935 ug/ml
7) T n-Hexadecane (C16)	10.213	8941559	71.597 ug/ml
8) T n-Octadecane (C18)	11.660	9117471	70.387 ug/ml
10) T n-Eicosane (C20)	12.974	9314000	72.840 ug/ml
11) T n-Heneicosane (C21)	13.588	9282965	73.114 ug/ml
13) T n-Docosane (C22)	14.176	9077846	71.500 ug/ml
14) T n-Tetracosane (C24)	15.272	17058283	133.354 ug/ml
15) T n-Hexacosane (C26)	16.311	8557765	68.459 ug/ml
16) T n-Octacosane (C28)	17.264	8531337	69.630 ug/ml
17) T n-Tricontane (C30)	18.158	8119065	65.192 ug/mlm
18) T n-Dotriacontane (C32)	18.993	7992369	66.311 ug/ml
19) T n-Tetratriacontane (C34)	19.782	7953154	72.932 ug/ml
20) T n-Hexatriacontane (C36)	20.526	7225648	77.419 ug/ml
21) T n-Octatriacontane (C38)	21.291	6945174	82.583 ug/ml
22) T n-Tetracontane (C40)	22.251	7019638	89.413 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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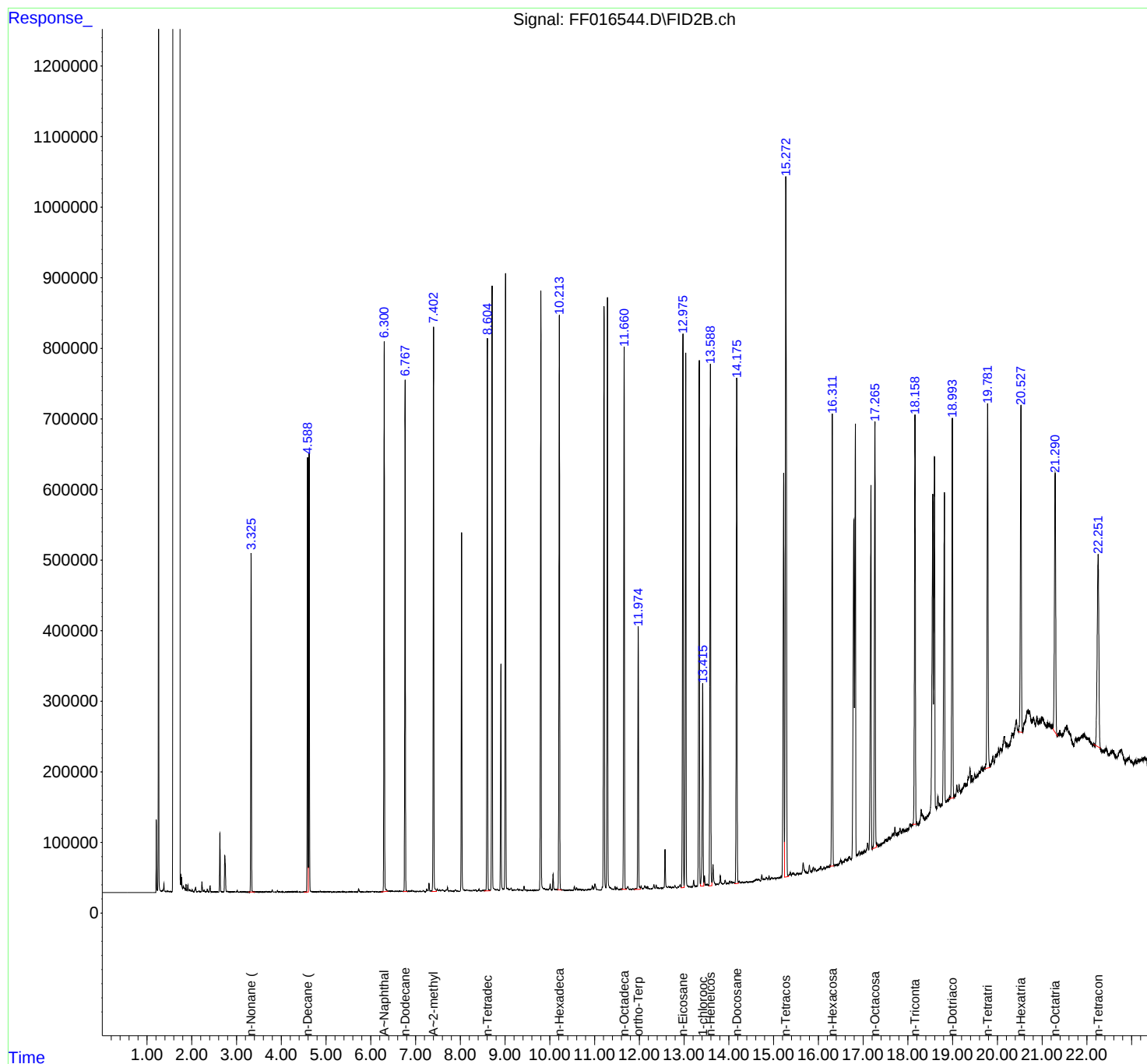
Instrument :
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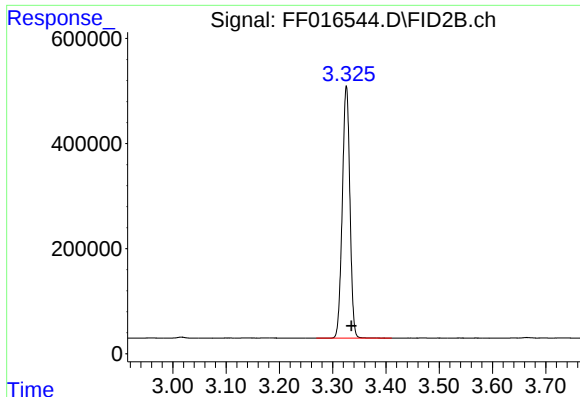
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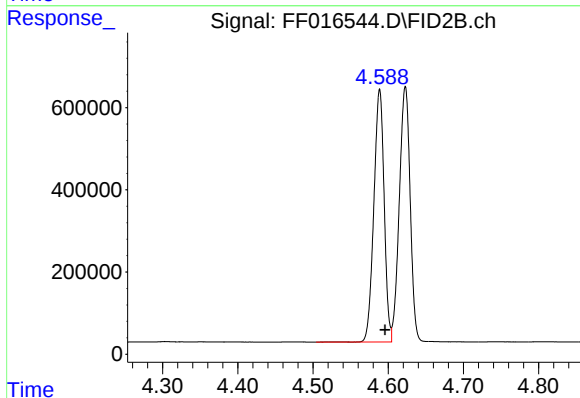
#1 n-Nonane (C9)

R.T.: 3.326 min
Delta R.T.: -0.009 min
Response: 4750338
Conc: 40.63 ug/ml

Instrument :
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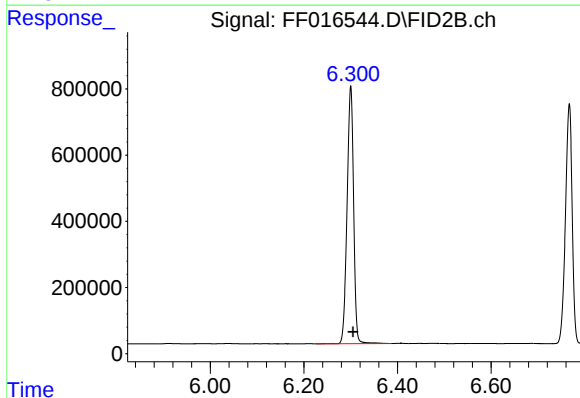
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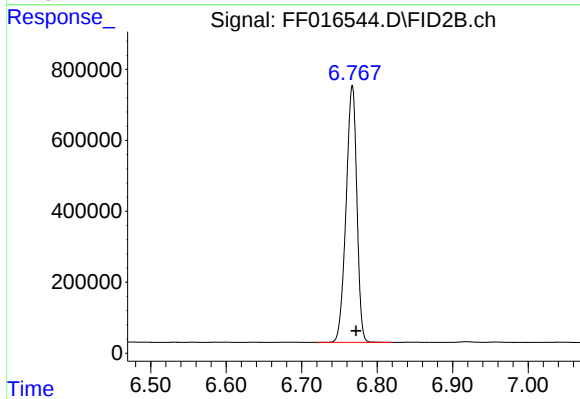
#2 n-Decane (C10)

R.T.: 4.588 min
Delta R.T.: -0.007 min
Response: 5845901
Conc: 49.35 ug/ml



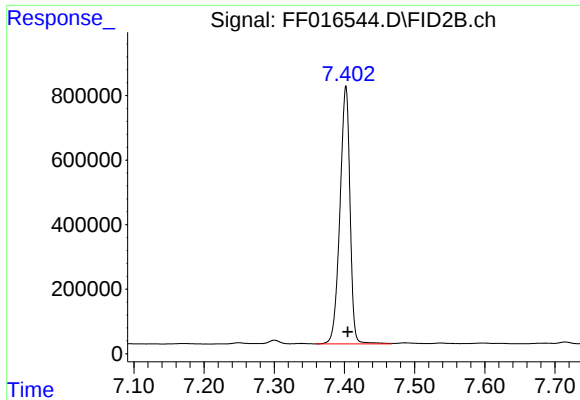
#3 A~Naphthalene (C11.7)

R.T.: 6.300 min
Delta R.T.: -0.005 min
Response: 7543265
Conc: 57.76 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.767 min
Delta R.T.: -0.005 min
Response: 7193301
Conc: 59.93 ug/ml



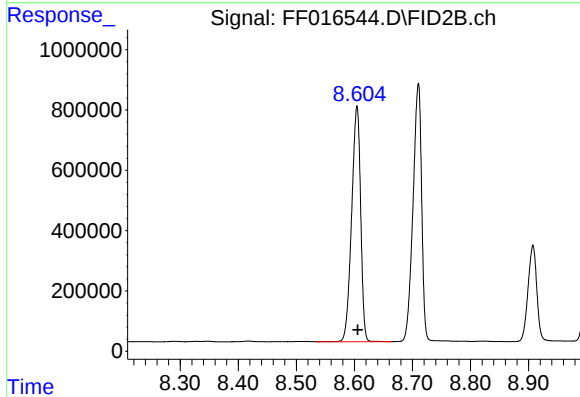
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.402 min
Delta R.T.: -0.003 min
Response: 7963589
Conc: 62.55 ug/ml

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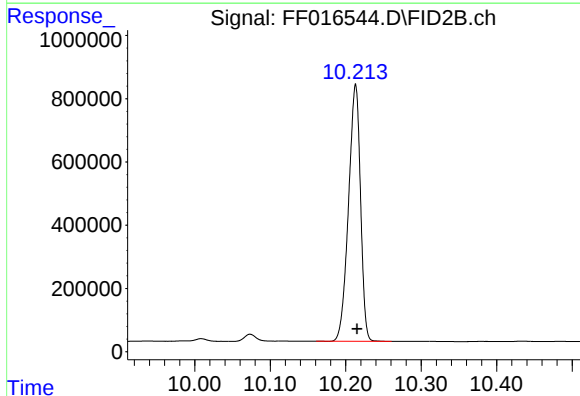
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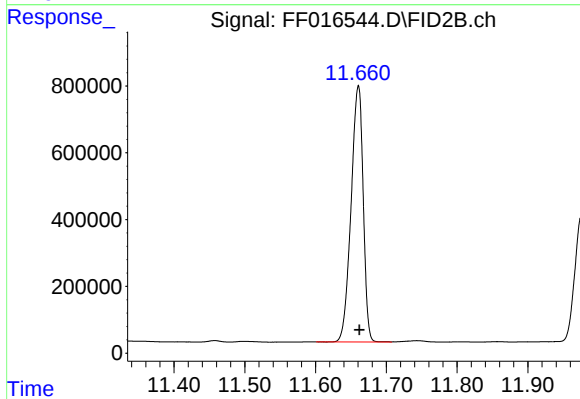
#6 n-Tetradecane (C14)

R.T.: 8.604 min
Delta R.T.: -0.002 min
Response: 8427177
Conc: 69.93 ug/ml



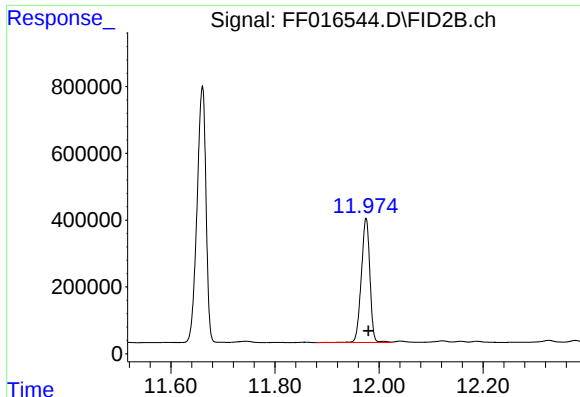
#7 n-Hexadecane (C16)

R.T.: 10.213 min
Delta R.T.: -0.002 min
Response: 8941559
Conc: 71.60 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.660 min
Delta R.T.: -0.002 min
Response: 9117471
Conc: 70.39 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.975 min
Delta R.T.: -0.005 min
Response: 4266081
Conc: 29.50 ug/ml

Instrument :

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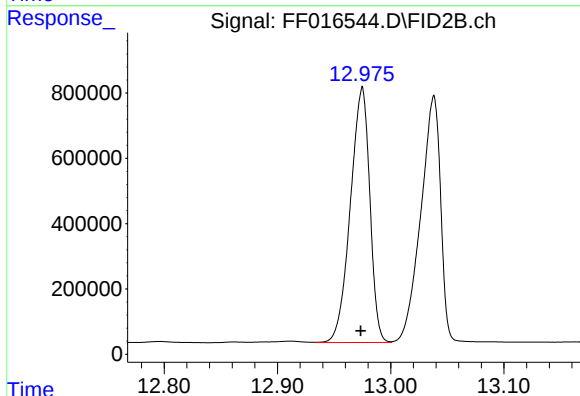
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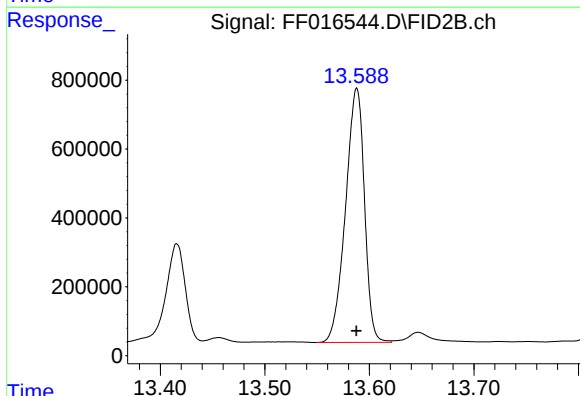
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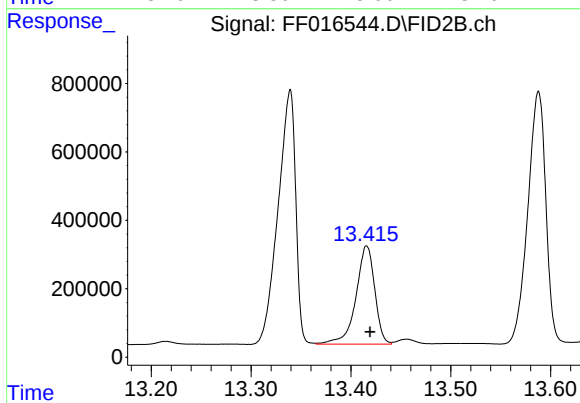
#10 n-Eicosane (C20)

R.T.: 12.974 min
Delta R.T.: 0.000 min
Response: 9314000
Conc: 72.84 ug/ml



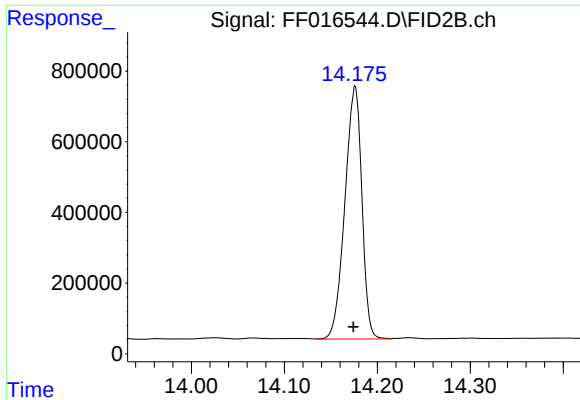
#11 n-Heneicosane (C21)

R.T.: 13.588 min
Delta R.T.: 0.000 min
Response: 9282965
Conc: 73.11 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.415 min
Delta R.T.: -0.004 min
Response: 3766529
Conc: 33.77 ug/ml m



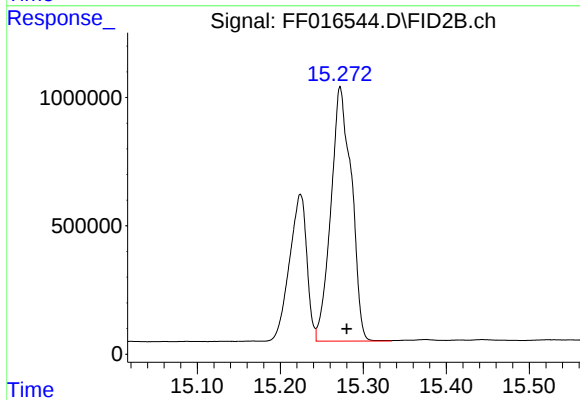
#13 n-Docosane (C22)

R.T.: 14.176 min
Delta R.T.: 0.001 min
Response: 9077846
Conc: 71.50 ug/ml

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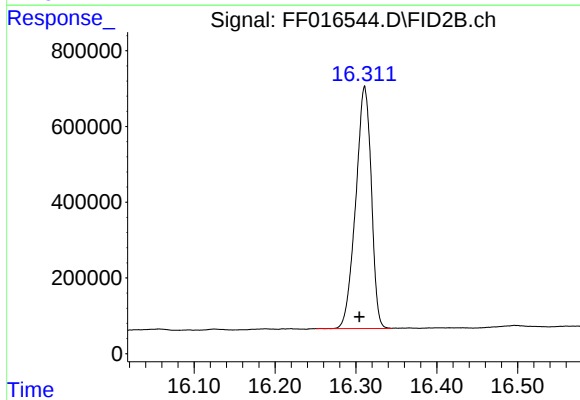
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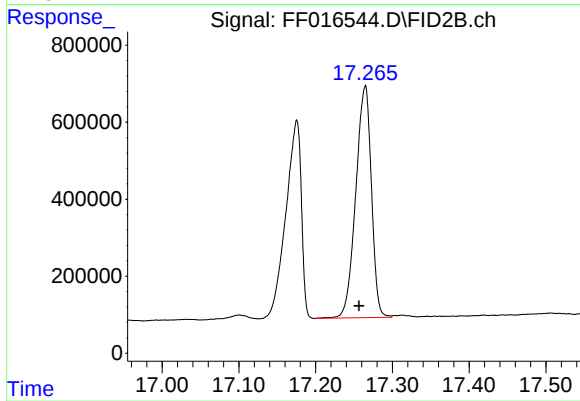
#14 n-Tetracosane (C24)

R.T.: 15.272 min
Delta R.T.: -0.008 min
Response: 17058283
Conc: 133.35 ug/ml



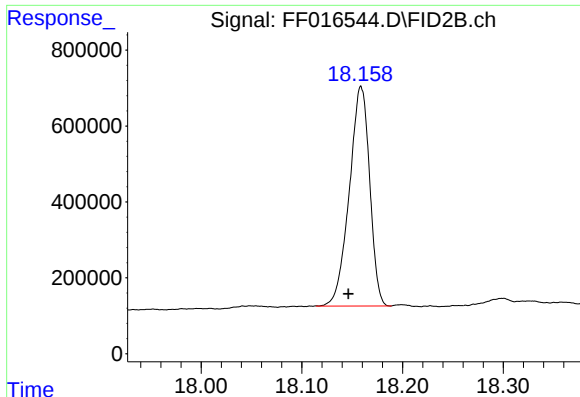
#15 n-Hexacosane (C26)

R.T.: 16.311 min
Delta R.T.: 0.007 min
Response: 8557765
Conc: 68.46 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.264 min
Delta R.T.: 0.008 min
Response: 8531337
Conc: 69.63 ug/ml



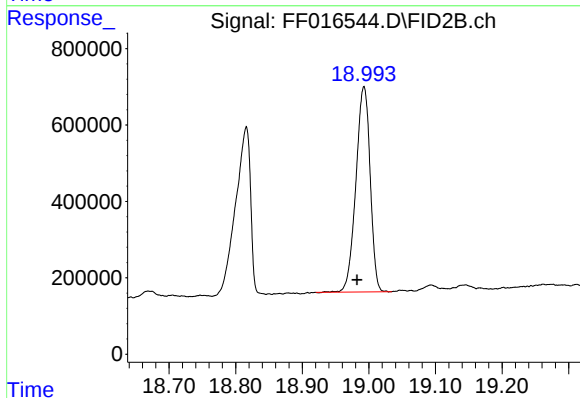
#17 n-Tricontane (C30)

R.T.: 18.158 min
Delta R.T.: 0.012 min
Response: 8119065
Conc: 65.19 ug/ml

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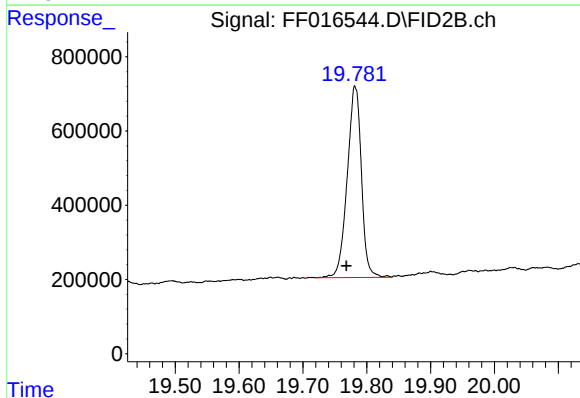
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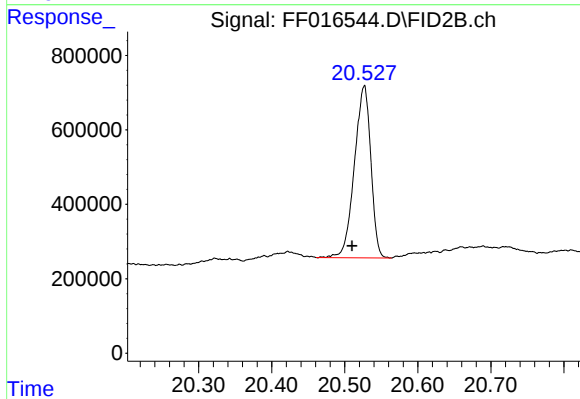
#18 n-Dotriacontane (C32)

R.T.: 18.993 min
Delta R.T.: 0.010 min
Response: 7992369
Conc: 66.31 ug/ml



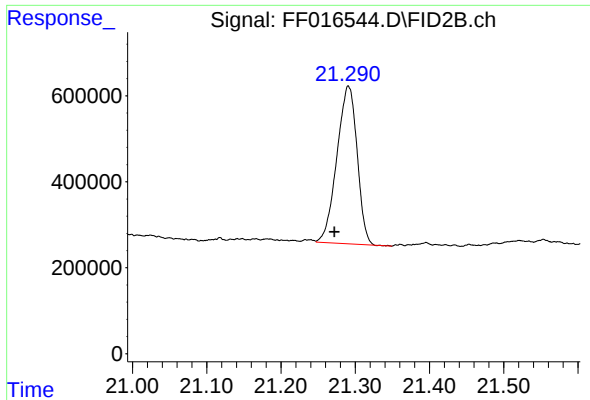
#19 n-Tetratriacontane (C34)

R.T.: 19.782 min
Delta R.T.: 0.014 min
Response: 7953154
Conc: 72.93 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.526 min
Delta R.T.: 0.016 min
Response: 7225648
Conc: 77.42 ug/ml



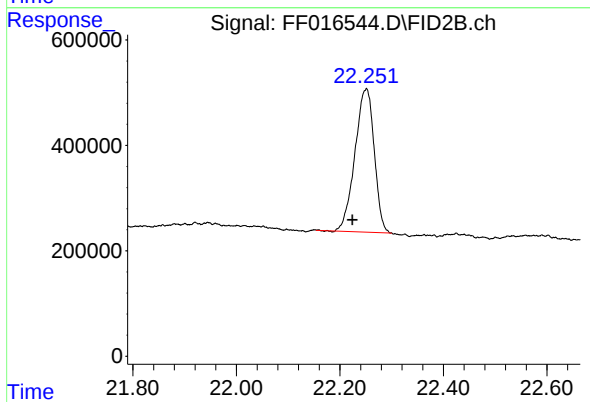
#21 n-Octatriacontane (C38)

R.T.: 21.291 min
Delta R.T.: 0.019 min
Response: 6945174
Conc: 82.58 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.251 min
Delta R.T.: 0.026 min
Response: 7019638
Conc: 89.41 ug/ml