

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF100725AL\
 Data File : FF016543.D
 Signal(s) : FID2B.ch
 Acq On : 07 Oct 2025 16:43
 Operator : YP\AJ
 Sample : Q3296-01MS
 Misc :
 ALS Vial : 76 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 SU-04-10062025MS

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 02:42:51 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)	11.973	4399655	30.420 ug/ml
Spiked Amount 50.000		Recovery =	60.84%
12) S 1-chlorooctadecane (S...	13.414	3876239	34.751 ug/mlm
Spiked Amount 50.000		Recovery =	69.50%
Target Compounds			
1) T n-Nonane (C9)	3.325	4795057	41.013 ug/ml
2) T n-Decane (C10)	4.588	5907787	49.877 ug/ml
3) T A~Naphthalene (C11.7)	6.299	7666931	58.703 ug/ml
4) T n-Dodecane (C12)	6.766	7311409	60.912 ug/ml
5) T A~2-methylnaphthalene...	7.400	8130727	63.860 ug/ml
6) T n-Tetradecane (C14)	8.603	8608877	71.443 ug/ml
7) T n-Hexadecane (C16)	10.211	9155273	73.309 ug/ml
8) T n-Octadecane (C18)	11.658	9362211	72.276 ug/ml
10) T n-Eicosane (C20)	12.972	9590167	74.999 ug/ml
11) T n-Heneicosane (C21)	13.586	9586612	75.505 ug/ml
13) T n-Docosane (C22)	14.173	9384977	73.919 ug/ml
14) T n-Tetracosane (C24)	15.269	17656005	138.027 ug/ml
15) T n-Hexacosane (C26)	16.309	8897368	71.175 ug/ml
16) T n-Octacosane (C28)	17.261	8842060	72.166 ug/ml
17) T n-Tricontane (C30)	18.154	8354481	67.082 ug/mlm
18) T n-Dotriacontane (C32)	18.990	8216297	68.169 ug/ml
19) T n-Tetratriacontane (C34)	19.779	8063210	73.941 ug/ml
20) T n-Hexatriacontane (C36)	20.524	7151402	76.623 ug/ml
21) T n-Octatriacontane (C38)	21.287	7180817	85.384 ug/ml
22) T n-Tetracontane (C40)	22.245	7235752	92.166 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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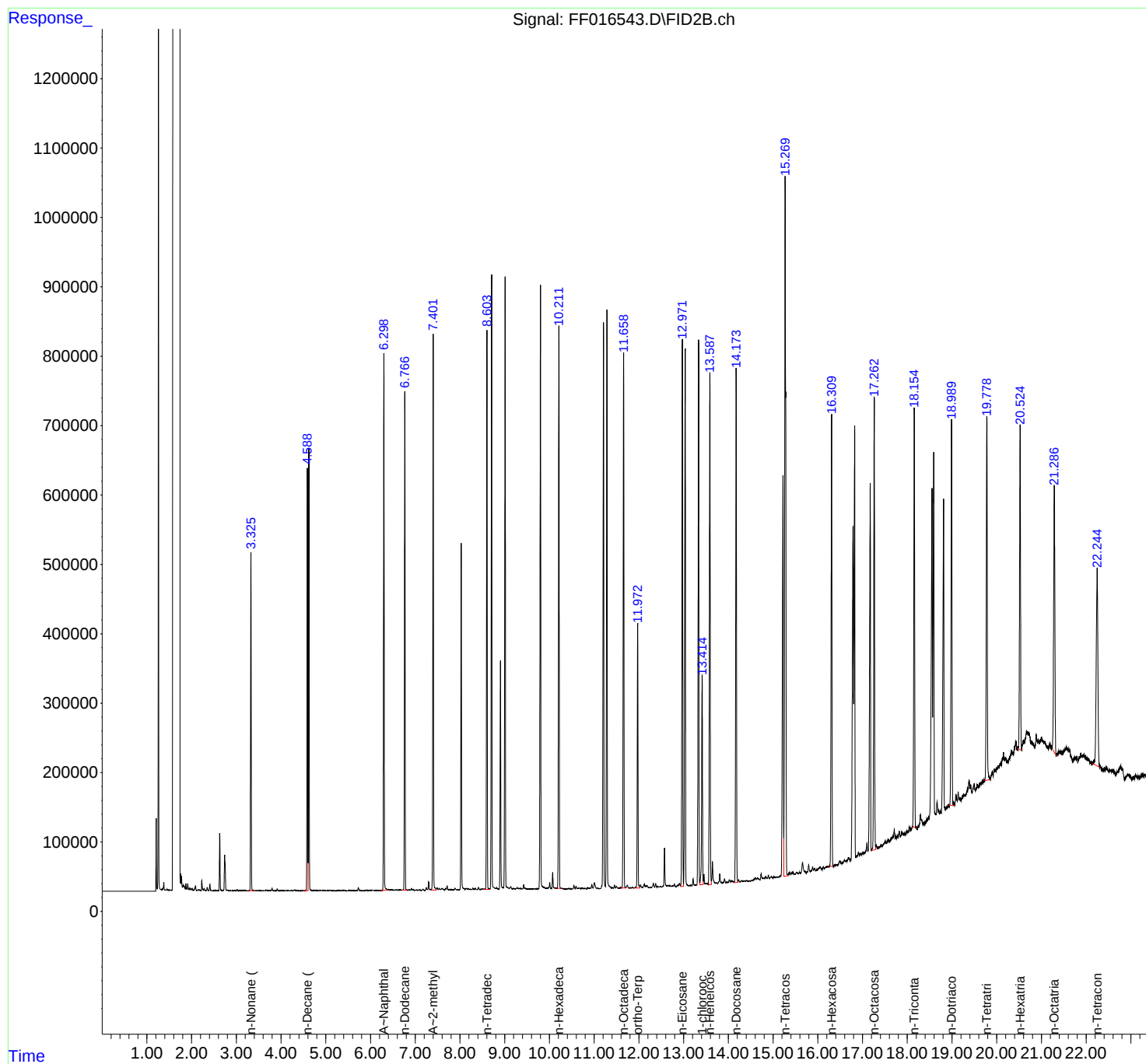
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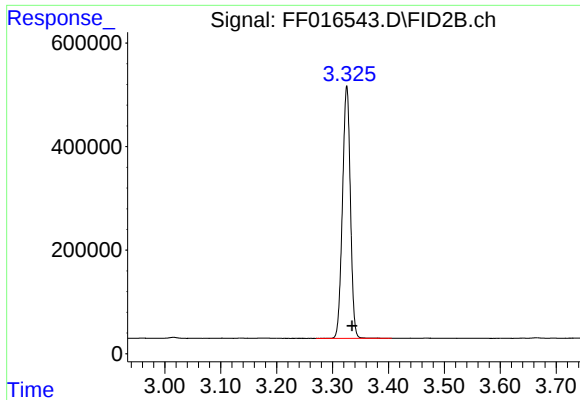
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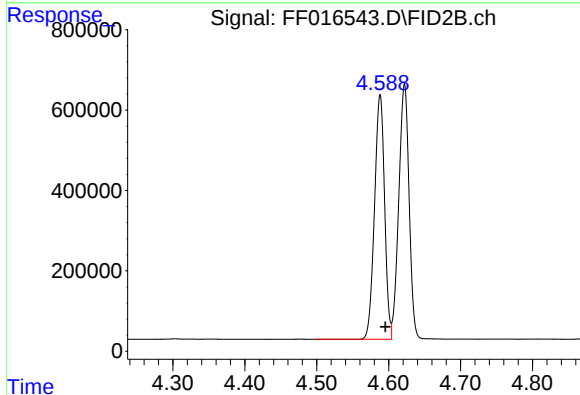
#1 n-Nonane (C9)

R.T.: 3.325 min
Delta R.T.: -0.010 min
Response: 4795057
Conc: 41.01 ug/ml

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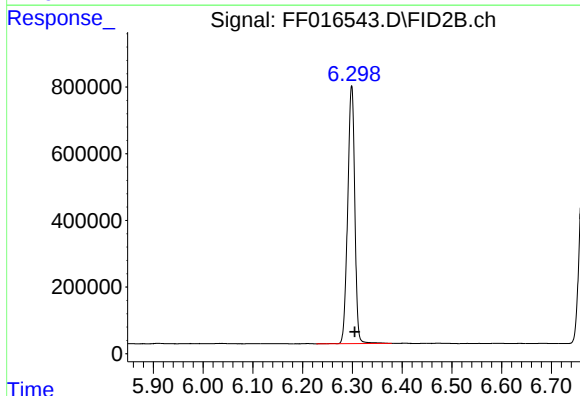
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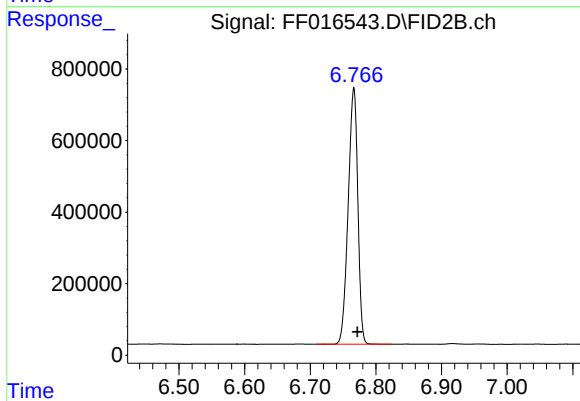
#2 n-Decane (C10)

R.T.: 4.588 min
Delta R.T.: -0.008 min
Response: 5907787
Conc: 49.88 ug/ml



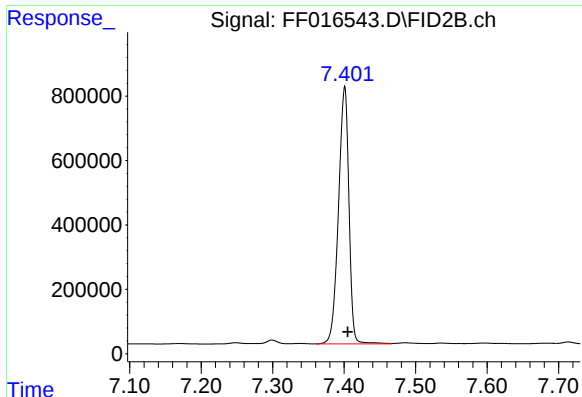
#3 A~Naphthalene (C11.7)

R.T.: 6.299 min
Delta R.T.: -0.006 min
Response: 7666931
Conc: 58.70 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.766 min
Delta R.T.: -0.006 min
Response: 7311409
Conc: 60.91 ug/ml



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

R.T.: 7.400 min
Delta R.T.: -0.004 min
Response: 8130727
Conc: 63.86 ug/ml

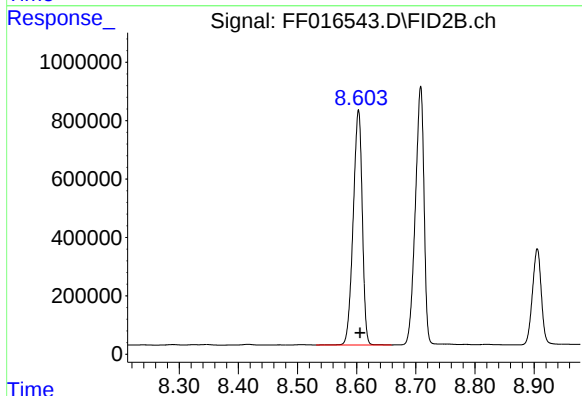
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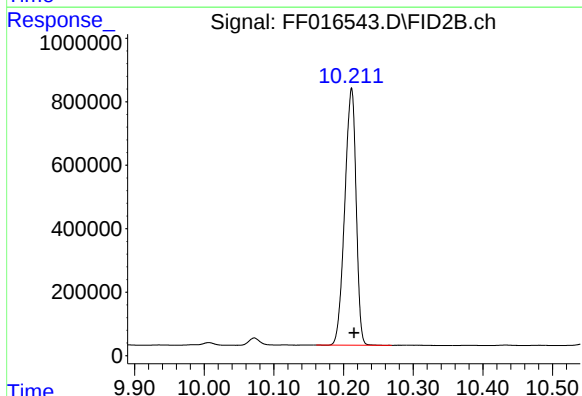
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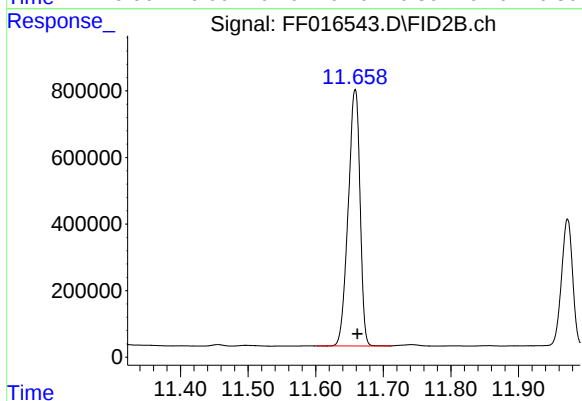
#6 n-Tetradecane (C14)

R.T.: 8.603 min
Delta R.T.: -0.003 min
Response: 8608877
Conc: 71.44 ug/ml



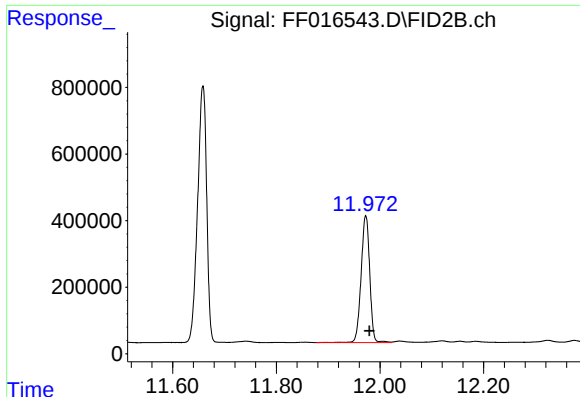
#7 n-Hexadecane (C16)

R.T.: 10.211 min
Delta R.T.: -0.004 min
Response: 9155273
Conc: 73.31 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.658 min
Delta R.T.: -0.004 min
Response: 9362211
Conc: 72.28 ug/ml



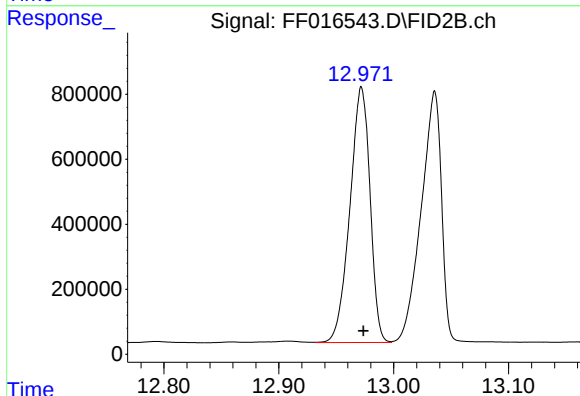
#9 ortho-Terphenyl (SURR)

R.T.: 11.973 min
Delta R.T.: -0.007 min
Response: 4399655
Conc: 30.42 ug/ml

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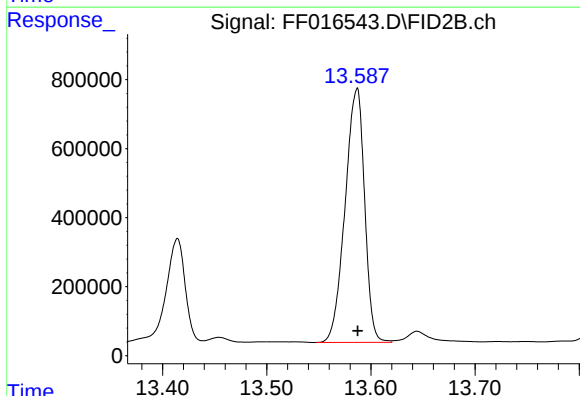
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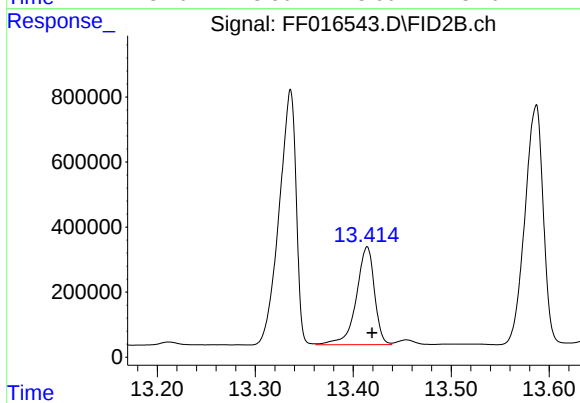
#10 n-Eicosane (C20)

R.T.: 12.972 min
Delta R.T.: -0.002 min
Response: 9590167
Conc: 75.00 ug/ml



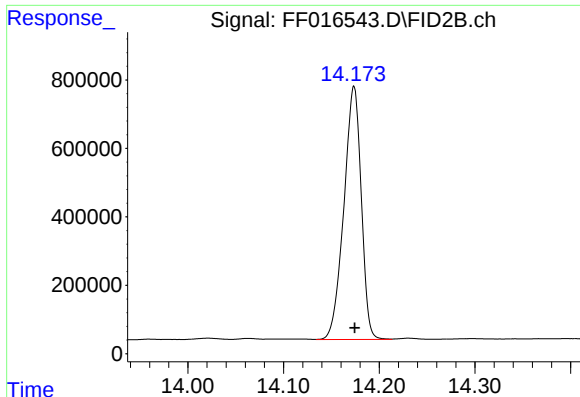
#11 n-Heneicosane (C21)

R.T.: 13.586 min
Delta R.T.: -0.001 min
Response: 9586612
Conc: 75.51 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.414 min
Delta R.T.: -0.005 min
Response: 3876239
Conc: 34.75 ug/ml m



#13 n-Docosane (C22)

R.T.: 14.173 min
Delta R.T.: -0.001 min
Response: 9384977
Conc: 73.92 ug/ml

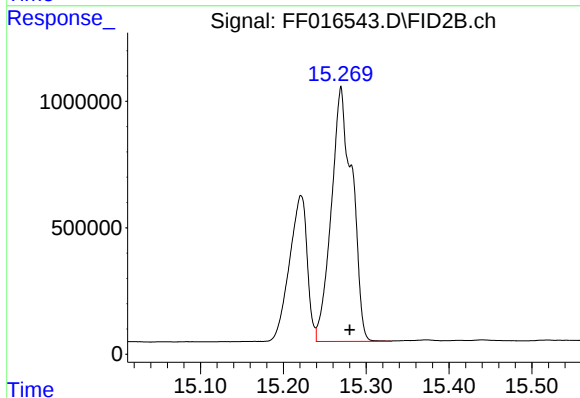
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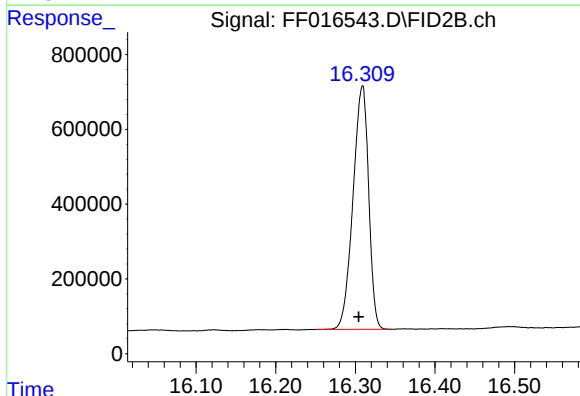
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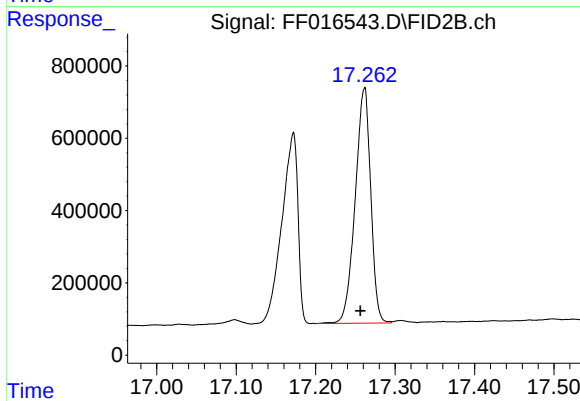
#14 n-Tetracosane (C24)

R.T.: 15.269 min
Delta R.T.: -0.011 min
Response: 17656005
Conc: 138.03 ug/ml



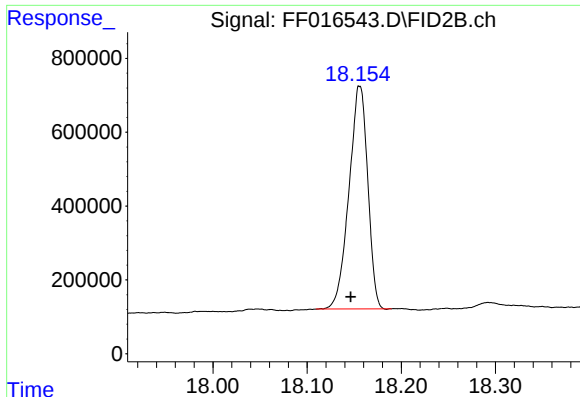
#15 n-Hexacosane (C26)

R.T.: 16.309 min
Delta R.T.: 0.004 min
Response: 8897368
Conc: 71.18 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.261 min
Delta R.T.: 0.005 min
Response: 8842060
Conc: 72.17 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.154 min
Delta R.T.: 0.008 min
Response: 8354481
Conc: 67.08 ug/ml

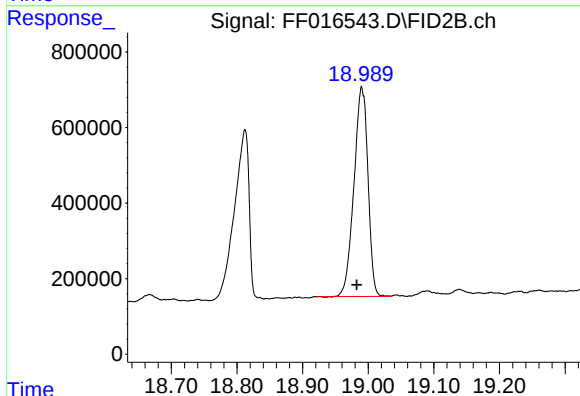
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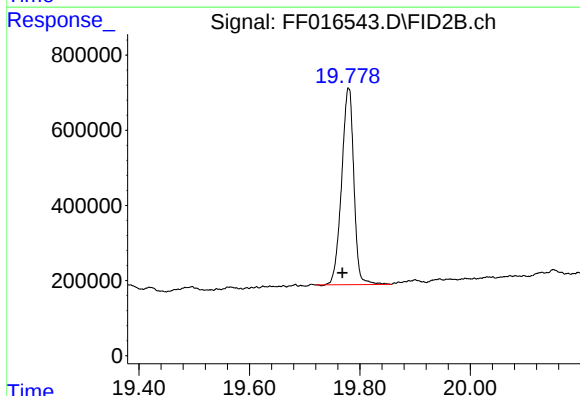
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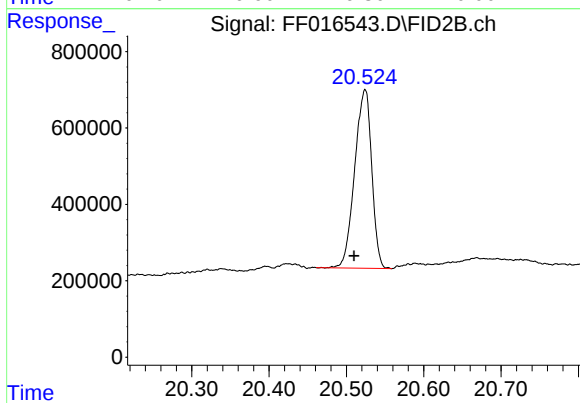
#18 n-Dotriacontane (C32)

R.T.: 18.990 min
Delta R.T.: 0.008 min
Response: 8216297
Conc: 68.17 ug/ml



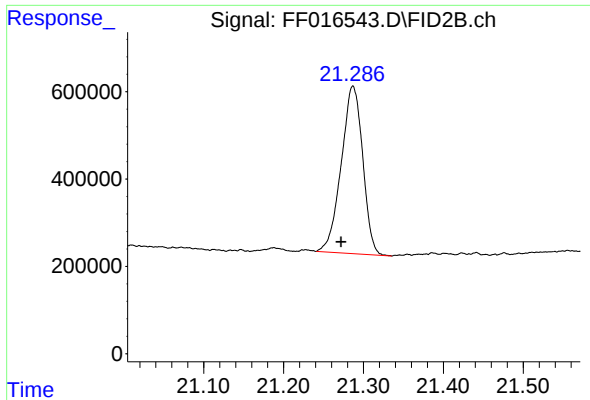
#19 n-Tetratriacontane (C34)

R.T.: 19.779 min
Delta R.T.: 0.011 min
Response: 8063210
Conc: 73.94 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.524 min
Delta R.T.: 0.014 min
Response: 7151402
Conc: 76.62 ug/ml



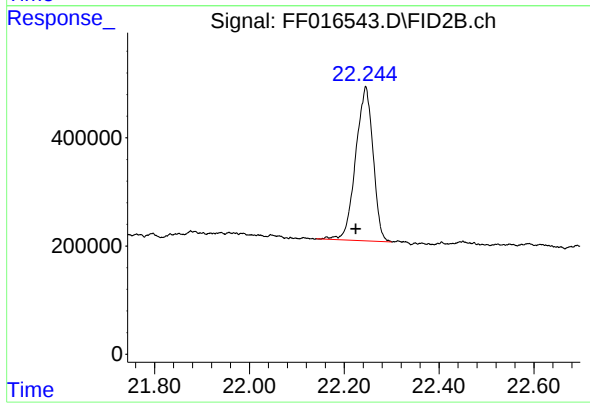
#21 n-Octatriacontane (C38)

R.T.: 21.287 min
Delta R.T.: 0.015 min
Response: 7180817
Conc: 85.38 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.245 min
Delta R.T.: 0.021 min
Response: 7235752
Conc: 92.17 ug/ml