

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF100725AL\
 Data File : FF016539.D
 Signal(s) : FID2B.ch
 Acq On : 07 Oct 2025 14:44
 Operator : YP\AJ
 Sample : PB170001BSD
 Misc :
 ALS Vial : 72 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 PB170001BSD

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 02:41:03 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)	11.967	4513855	31.209 ug/ml
Spiked Amount 50.000		Recovery =	62.42%
12) S 1-chlorooctadecane (S...	13.408	3526421	31.615 ug/ml
Spiked Amount 50.000		Recovery =	63.23%
Target Compounds			
1) T n-Nonane (C9)	3.330	4525071	38.704 ug/ml
2) T n-Decane (C10)	4.586	4865534	41.077 ug/ml
3) T A~Naphthalene (C11.7)	6.293	5657852	43.320 ug/ml
4) T n-Dodecane (C12)	6.760	5133135	42.764 ug/ml
5) T A~2-methylnaphthalene...	7.393	5287496	41.529 ug/ml
6) T n-Tetradecane (C14)	8.594	5149592	42.735 ug/ml
7) T n-Hexadecane (C16)	10.203	5300158	42.440 ug/ml
8) T n-Octadecane (C18)	11.650	5313429	41.020 ug/ml
10) T n-Eicosane (C20)	12.963	5503717	43.041 ug/ml
11) T n-Heneicosane (C21)	13.576	5332694	42.001 ug/ml
13) T n-Docosane (C22)	14.165	5294256	41.699 ug/ml
14) T n-Tetracosane (C24)	15.251	10767545	84.176 ug/mlm
15) T n-Hexacosane (C26)	16.298	5116429	40.929 ug/ml
16) T n-Octacosane (C28)	17.249	4968401	40.550 ug/ml
17) T n-Tricontane (C30)	18.142	4953998	39.778 ug/ml
18) T n-Dotriacontane (C32)	18.977	4932258	40.922 ug/ml
19) T n-Tetratriacontane (C34)	19.764	4892515	44.865 ug/ml
20) T n-Hexatriacontane (C36)	20.507	4553470	48.788 ug/ml
21) T n-Octatriacontane (C38)	21.265	4489532	53.383 ug/ml
22) T n-Tetracontane (C40)	22.215	4195278	53.438 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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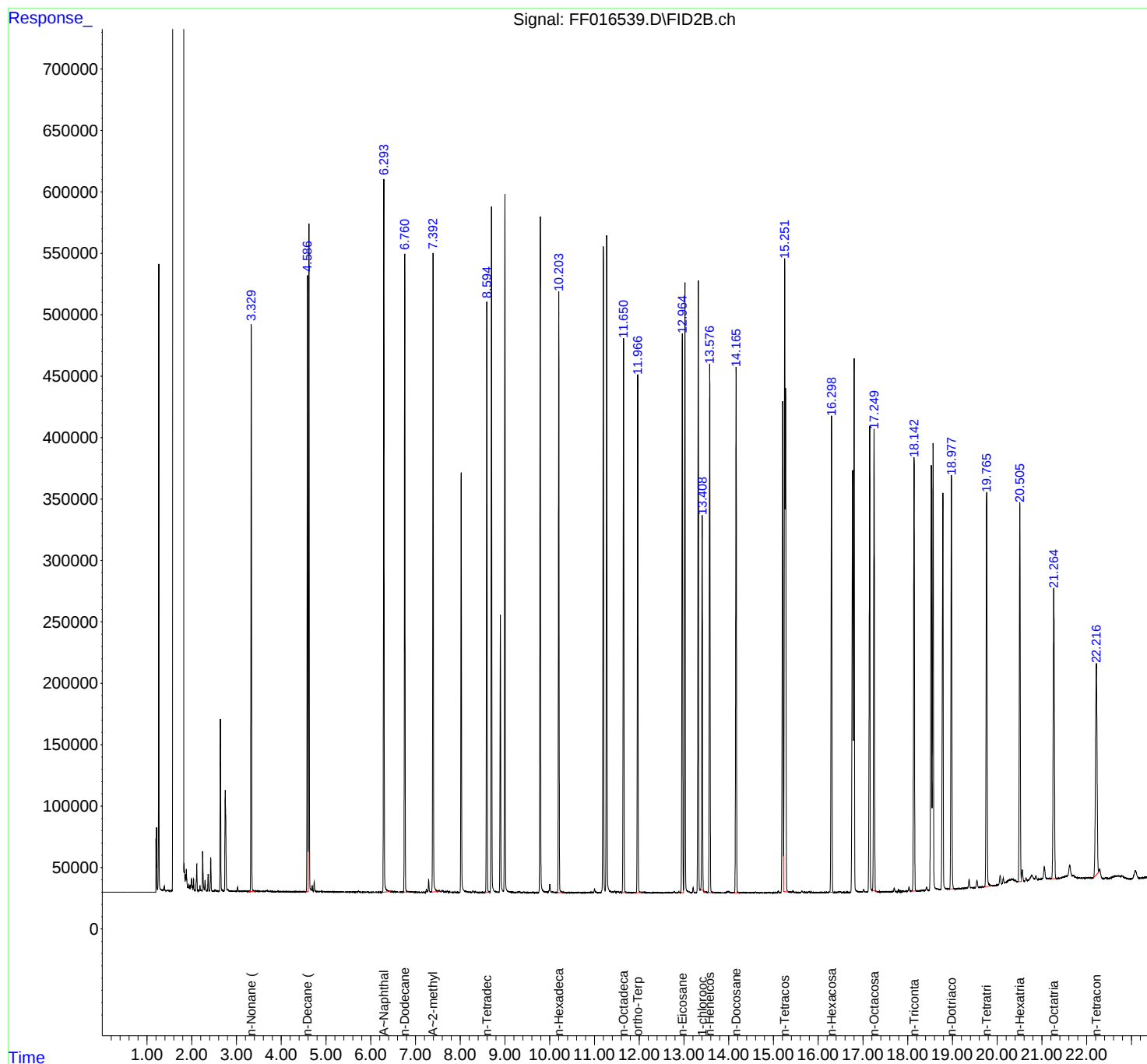
Instrument :
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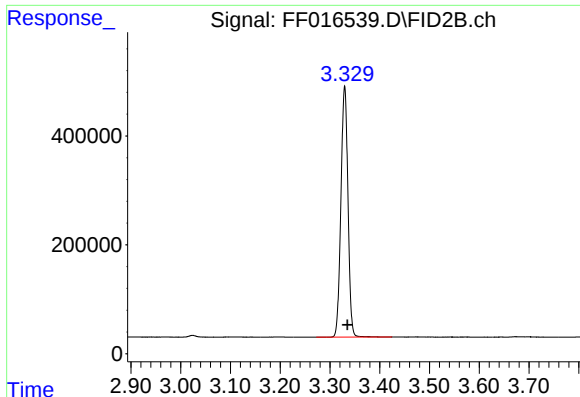
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#1 n-Nonane (C9)

R.T.: 3.330 min
Delta R.T.: -0.005 min
Response: 4525071
Conc: 38.70 ug/ml

Instrument :

FID_F

ClientSampleId :

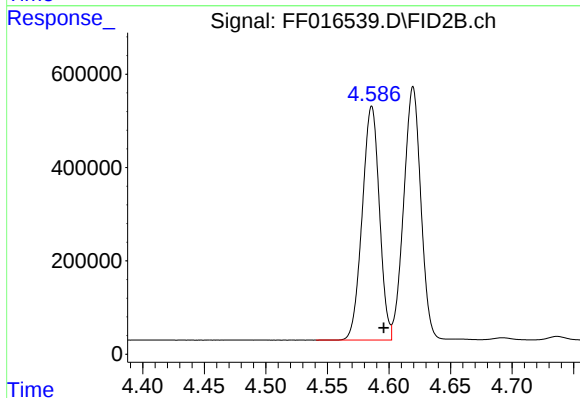
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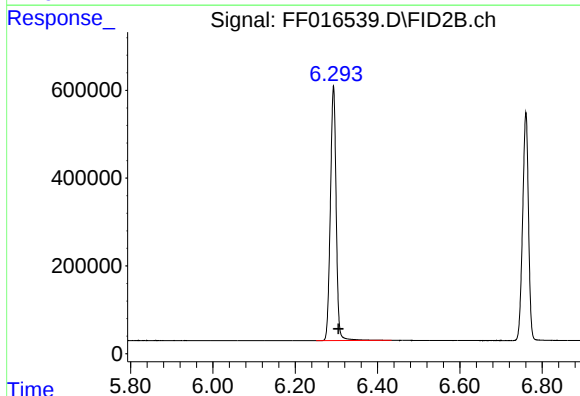
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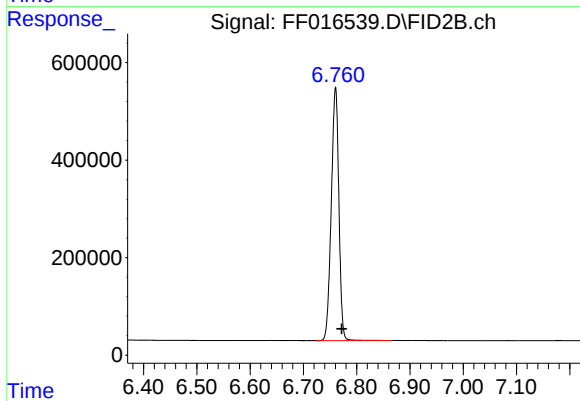
#2 n-Decane (C10)

R.T.: 4.586 min
Delta R.T.: -0.010 min
Response: 4865534
Conc: 41.08 ug/ml



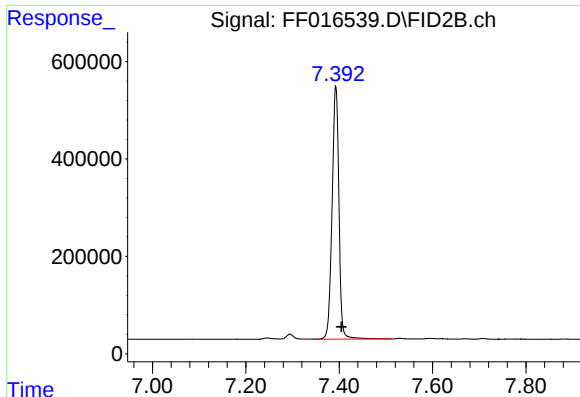
#3 A~Naphthalene (C11.7)

R.T.: 6.293 min
Delta R.T.: -0.012 min
Response: 5657852
Conc: 43.32 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.760 min
Delta R.T.: -0.012 min
Response: 5133135
Conc: 42.76 ug/ml



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

R.T.: 7.393 min
Delta R.T.: -0.012 min
Response: 5287496
Conc: 41.53 ug/ml

Instrument :

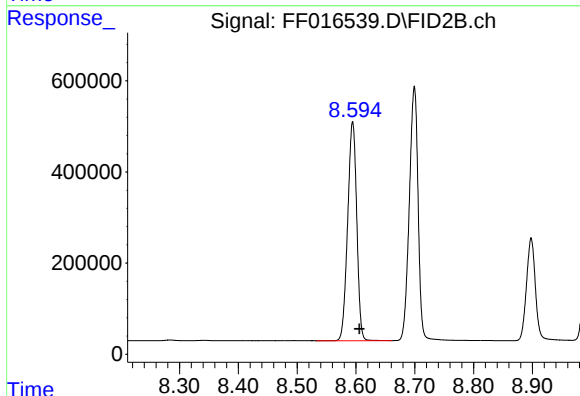
FID_F

ClientSampleId :

PB170001BSD

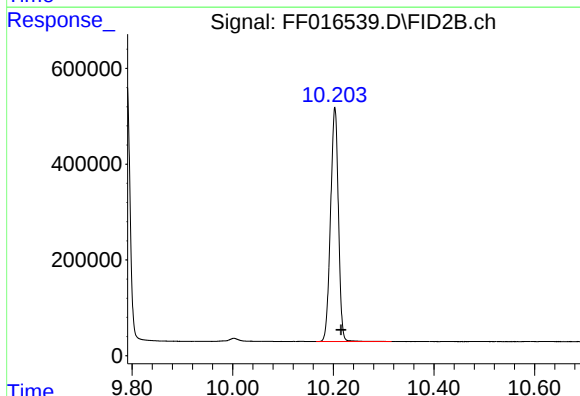
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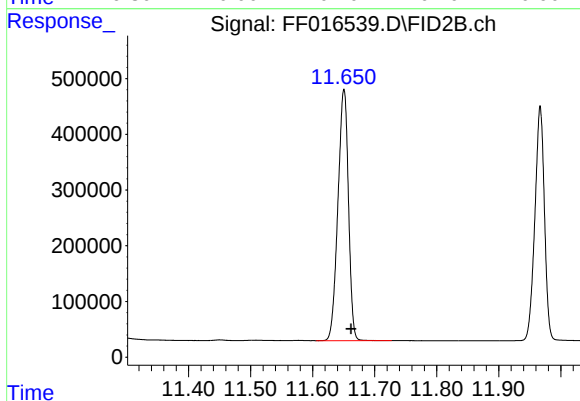
#6 n-Tetradecane (C14)

R.T.: 8.594 min
Delta R.T.: -0.012 min
Response: 5149592
Conc: 42.74 ug/ml



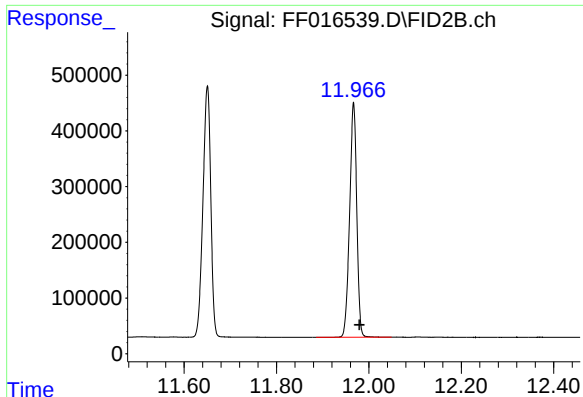
#7 n-Hexadecane (C16)

R.T.: 10.203 min
Delta R.T.: -0.012 min
Response: 5300158
Conc: 42.44 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.650 min
Delta R.T.: -0.012 min
Response: 5313429
Conc: 41.02 ug/ml



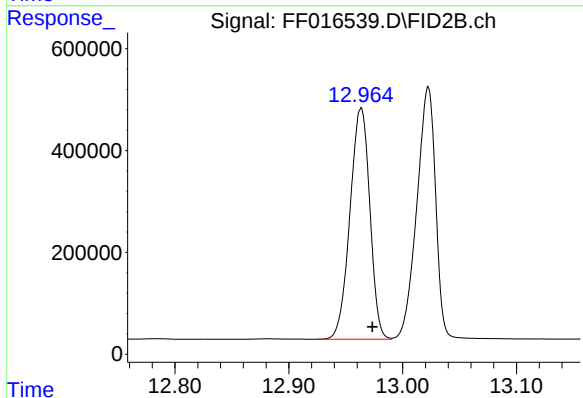
#9 ortho-Terphenyl (SURR)

R.T.: 11.967 min
Delta R.T.: -0.013 min
Response: 4513855
Conc: 31.21 ug/ml

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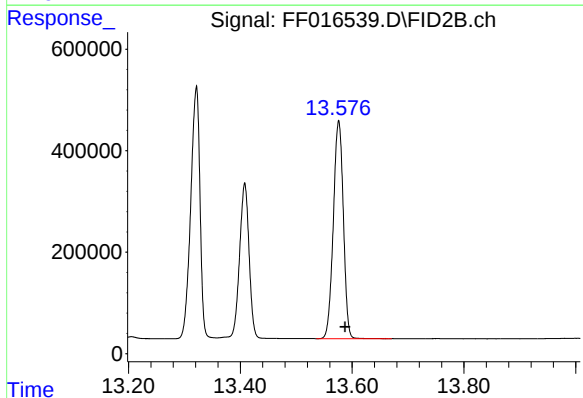
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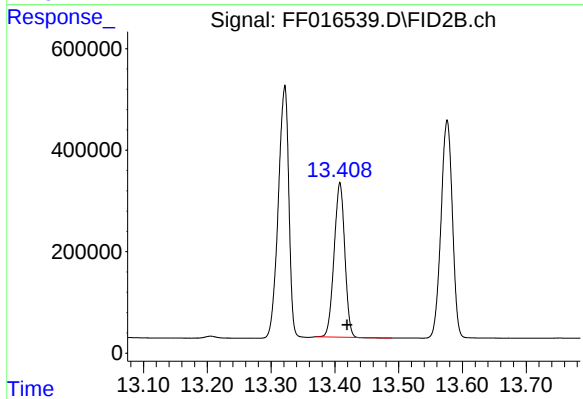
#10 n-Eicosane (C20)

R.T.: 12.963 min
Delta R.T.: -0.010 min
Response: 5503717
Conc: 43.04 ug/ml



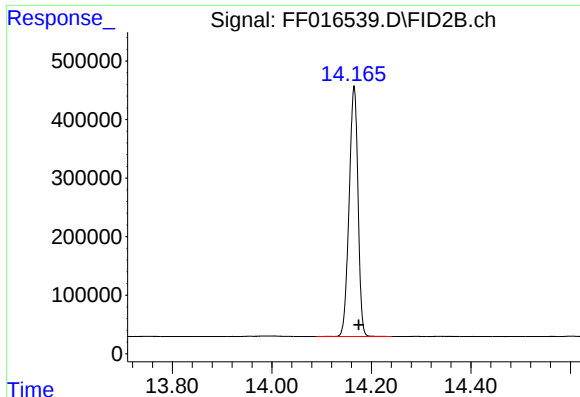
#11 n-Heneicosane (C21)

R.T.: 13.576 min
Delta R.T.: -0.011 min
Response: 5332694
Conc: 42.00 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.408 min
Delta R.T.: -0.011 min
Response: 3526421
Conc: 31.61 ug/ml



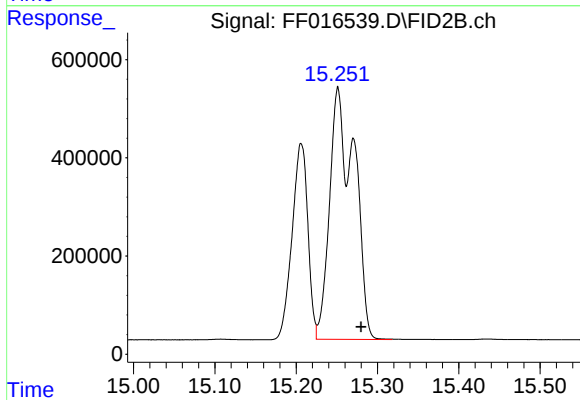
#13 n-Docosane (C22)

R.T.: 14.165 min
Delta R.T.: -0.009 min
Response: 5294256
Conc: 41.70 ug/ml

Instrument :
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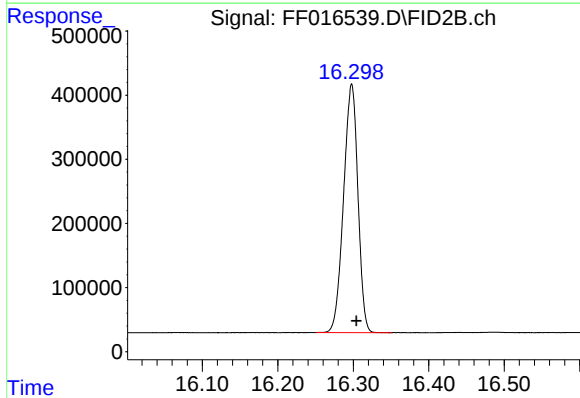
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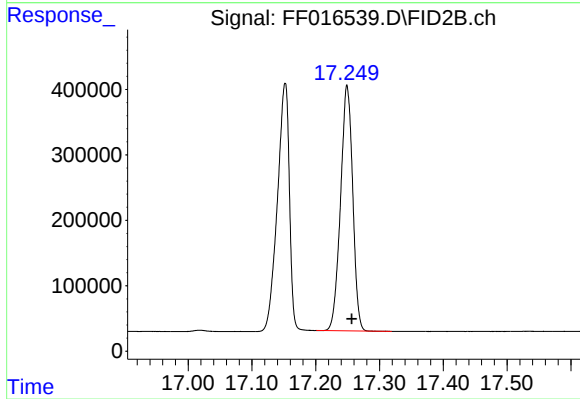
#14 n-Tetracosane (C24)

R.T.: 15.251 min
Delta R.T.: -0.029 min
Response: 10767545
Conc: 84.18 ug/ml m



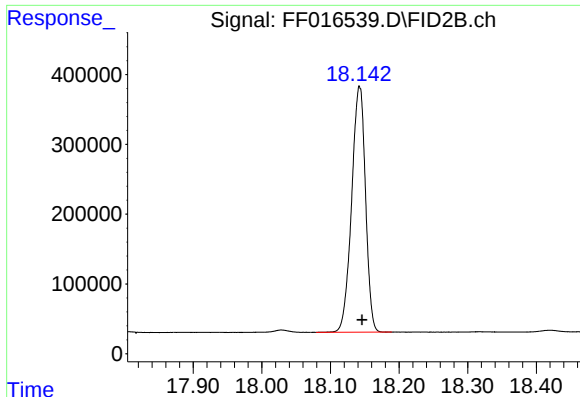
#15 n-Hexacosane (C26)

R.T.: 16.298 min
Delta R.T.: -0.006 min
Response: 5116429
Conc: 40.93 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.249 min
Delta R.T.: -0.007 min
Response: 4968401
Conc: 40.55 ug/ml



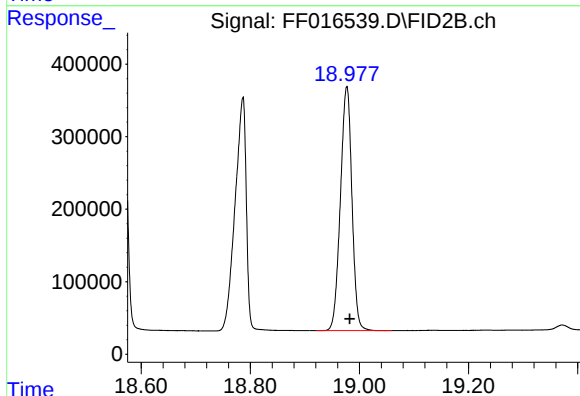
#17 n-Tricontane (C30)

R.T.: 18.142 min
Delta R.T.: -0.004 min
Response: 4953998
Conc: 39.78 ug/ml

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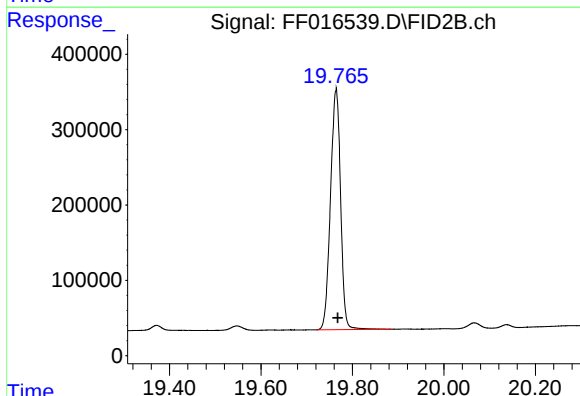
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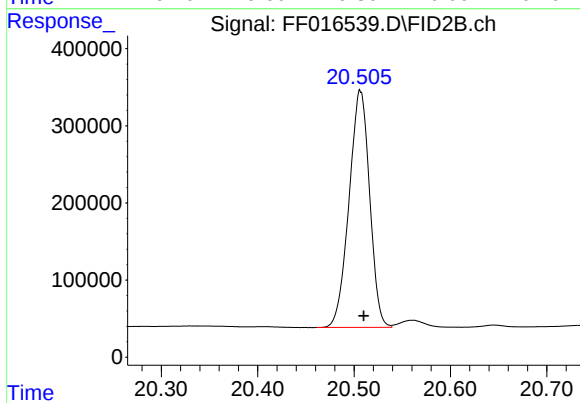
#18 n-Dotriacontane (C32)

R.T.: 18.977 min
Delta R.T.: -0.006 min
Response: 4932258
Conc: 40.92 ug/ml



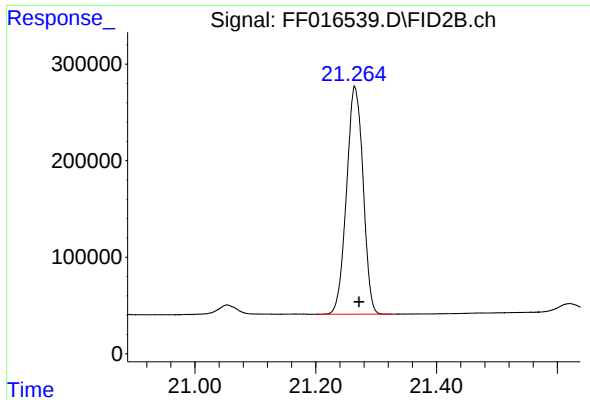
#19 n-Tetratriacontane (C34)

R.T.: 19.764 min
Delta R.T.: -0.004 min
Response: 4892515
Conc: 44.87 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.507 min
Delta R.T.: -0.004 min
Response: 4553470
Conc: 48.79 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.265 min
Delta R.T.: -0.007 min
Response: 4489532
Conc: 53.38 ug/ml

Instrument :

FID_F

ClientSampleId :

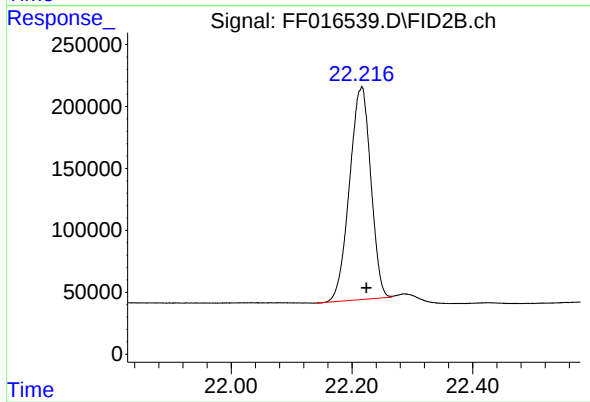
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#22 n-Tetracontane (C40)

R.T.: 22.215 min
Delta R.T.: -0.009 min
Response: 4195278
Conc: 53.44 ug/ml