

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD013125AL\
 Data File : FD049026.D
 Signal(s) : FID2B.ch
 Acq On : 31 Jan 2025 16:42
 Operator : YP/AJ
 Sample : PB166432BSD
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB166432BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/03/2025
 Supervised By :Ankita Jodhani 02/03/2025

Integration File: autoint1.e
 Quant Time: Feb 03 06:07:42 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 012425.M
 Quant Title : GC Extractables
 QLast Update : Sat Jan 25 05:57:24 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)	11.243	7647539	39.605 ug/ml
Spiked Amount 50.000		Recovery =	79.21%
12) S 1-chlorooctadecane (S...	12.685	6241571	42.522 ug/ml
Spiked Amount 50.000		Recovery =	85.04%
Target Compounds			
1) T n-Nonane (C9)	3.123	5956706	37.247 ug/ml
2) T n-Decane (C10)	4.159	6244701	38.298 ug/ml
3) T A~Naphthalene (C11.7)	5.700	7313987	42.799 ug/ml
4) T n-Dodecane (C12)	6.146	6571759	39.680 ug/ml
5) T A~2-methylnaphthalene...	6.745	6833294	42.391 ug/ml
6) T n-Tetradecane (C14)	7.926	6703756	40.550 ug/ml
7) T n-Hexadecane (C16)	9.514	6727061	39.015 ug/ml
8) T n-Octadecane (C18)	10.946	6748924	38.276 ug/ml
10) T n-Eicosane (C20)	12.248	6951782	40.393 ug/ml
11) T n-Heneicosane (C21)	12.856	6614274	38.843 ug/ml
13) T n-Docosane (C22)	13.438	6556050	38.554 ug/ml
14) T n-Tetracosane (C24)	14.481	13405556	78.687 ug/mlm
15) T n-Hexacosane (C26)	15.552	6298266	37.603 ug/ml
16) T n-Octacosane (C28)	16.495	6290975	37.817 ug/ml
17) T n-Tricontane (C30)	17.380	6081622	35.430 ug/ml
18) T n-Dotriacontane (C32)	18.205	5715064	34.959 ug/ml
19) T n-Tetratriacontane (C34)	18.984	5059366	36.315 ug/ml
20) T n-Hexatriacontane (C36)	19.718	4152899	36.116 ug/ml
21) T n-Octatriacontane (C38)	20.415	3339676	32.230 ug/ml
22) T n-Tetracontane (C40)	21.192	2532611	26.426 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP/AJ
Sample : PB166432BSD
Misc :
ALS Vial : 63 Sample Multiplier: 1

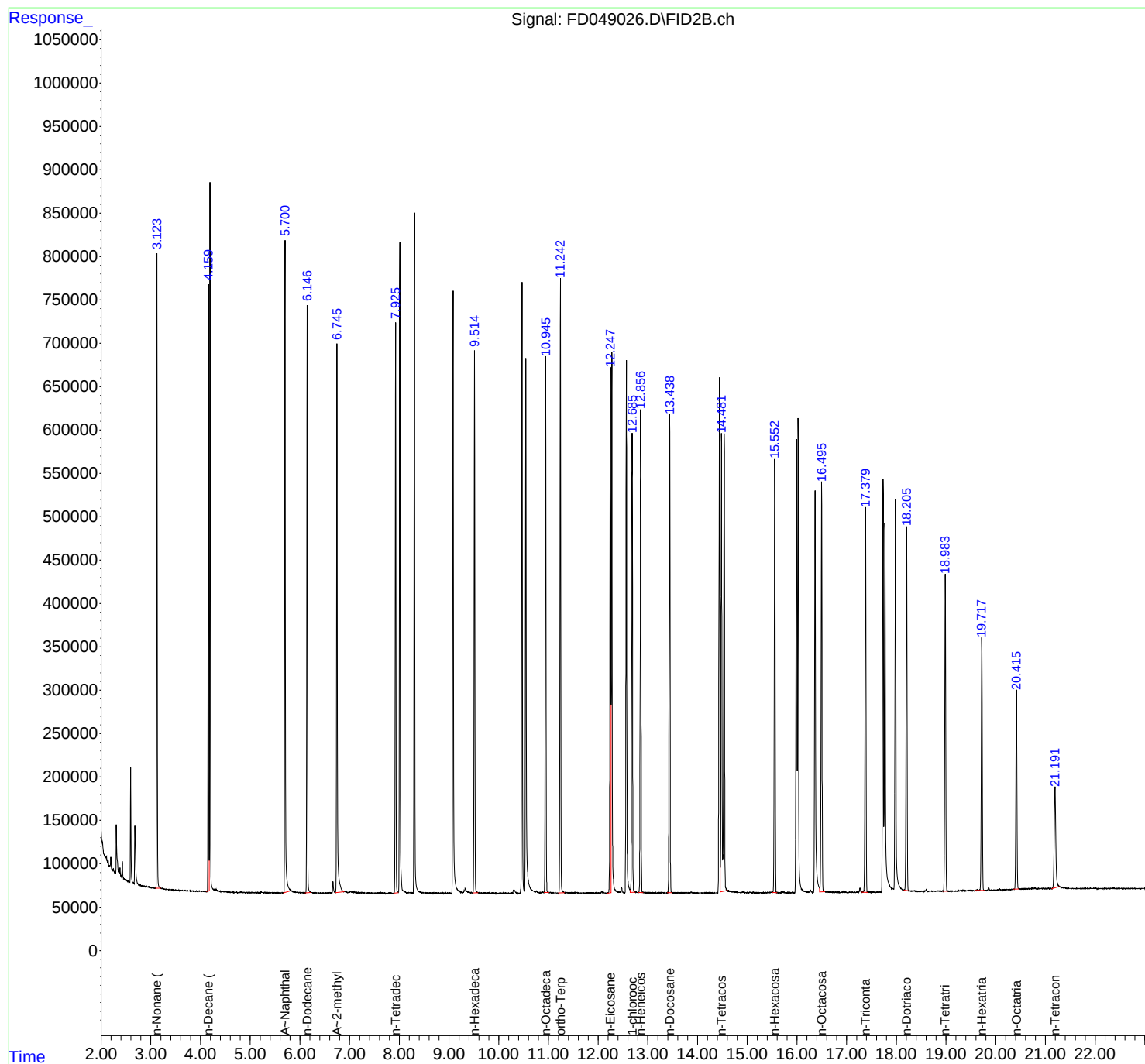
Instrument :
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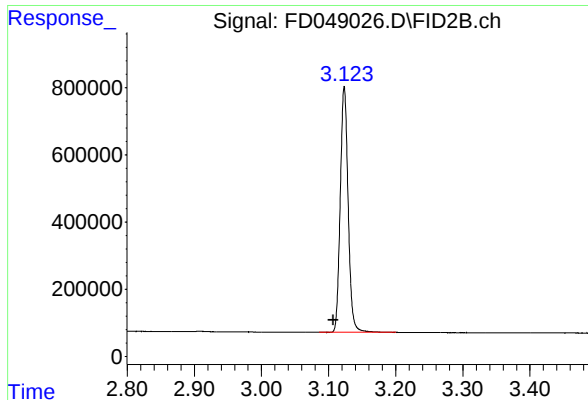
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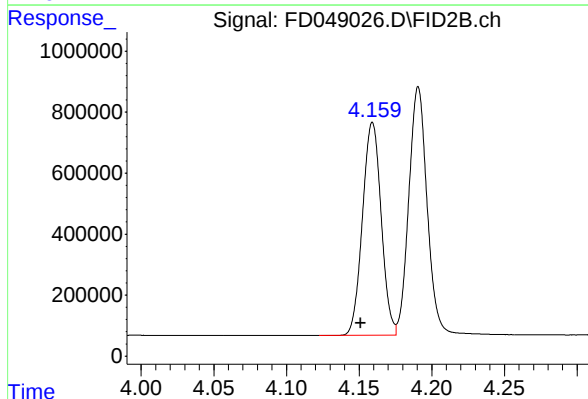
#1 n-Nonane (C9)

R.T.: 3.123 min
Delta R.T.: 0.016 min
Response: 5956706
Conc: 37.25 ug/ml

Instrument :
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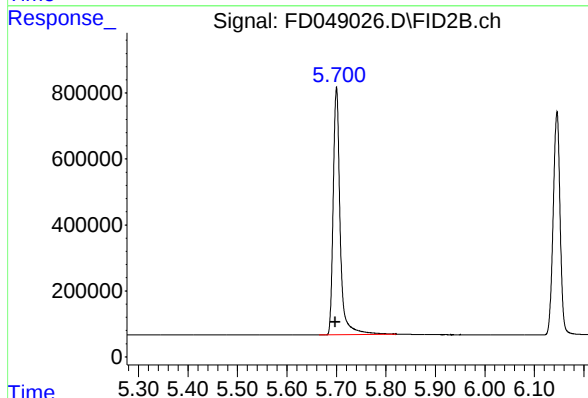
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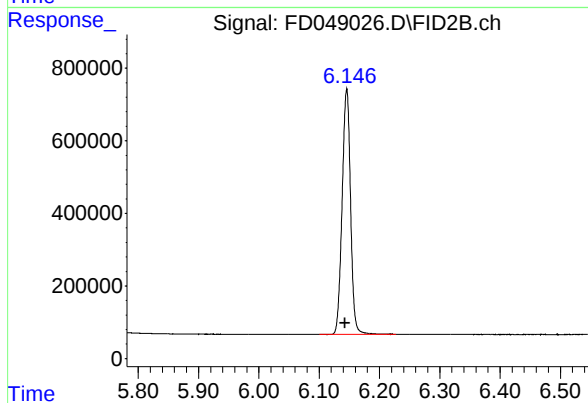
#2 n-Decane (C10)

R.T.: 4.159 min
Delta R.T.: 0.008 min
Response: 6244701
Conc: 38.30 ug/ml



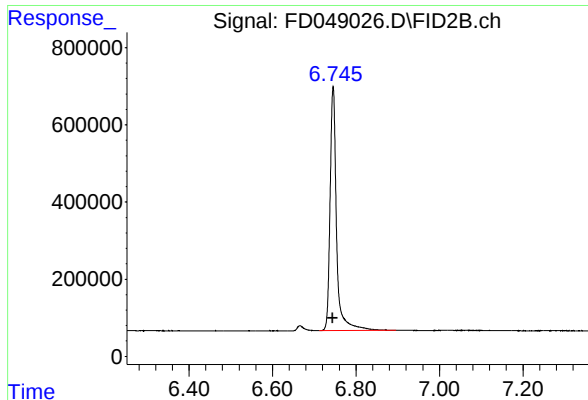
#3 A~Naphthalene (C11.7)

R.T.: 5.700 min
Delta R.T.: 0.003 min
Response: 7313987
Conc: 42.80 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.146 min
Delta R.T.: 0.003 min
Response: 6571759
Conc: 39.68 ug/ml



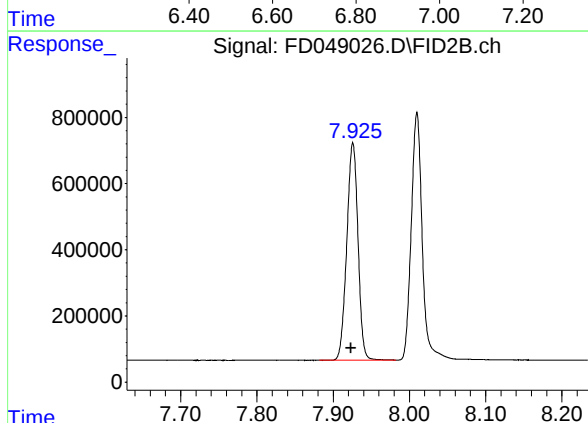
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.745 min
Delta R.T.: 0.001 min
Response: 6833294
Conc: 42.39 ug/ml

Instrument :
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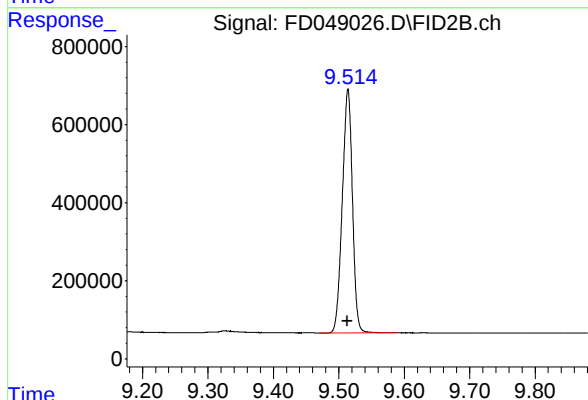
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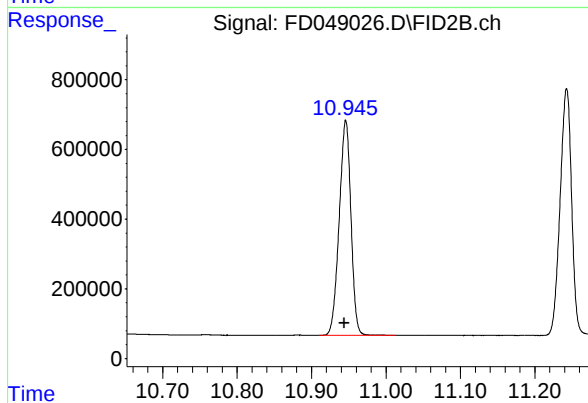
#6 n-Tetradecane (C14)

R.T.: 7.926 min
Delta R.T.: 0.003 min
Response: 6703756
Conc: 40.55 ug/ml



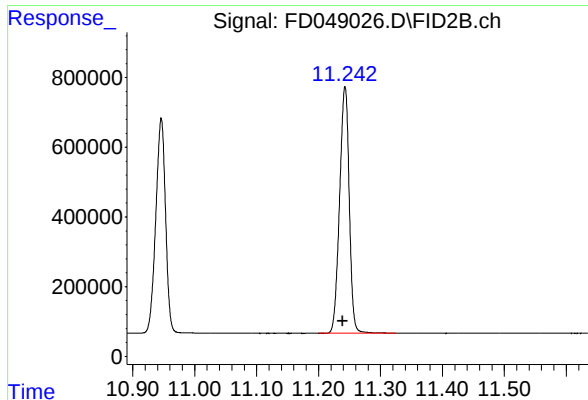
#7 n-Hexadecane (C16)

R.T.: 9.514 min
Delta R.T.: 0.001 min
Response: 6727061
Conc: 39.01 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.946 min
Delta R.T.: 0.002 min
Response: 6748924
Conc: 38.28 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.243 min
Delta R.T.: 0.004 min
Response: 7647539
Conc: 39.61 ug/ml

Instrument :

FID_D

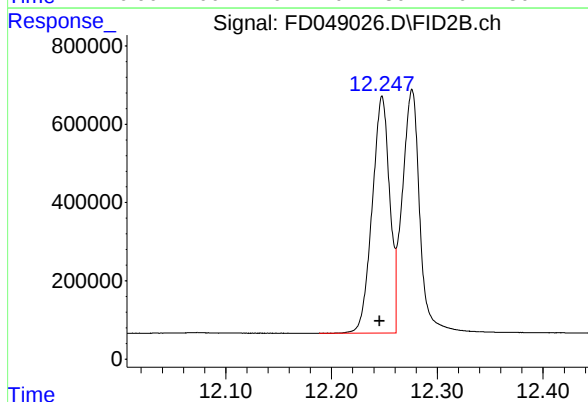
ClientSampleId :

PB166432BSD

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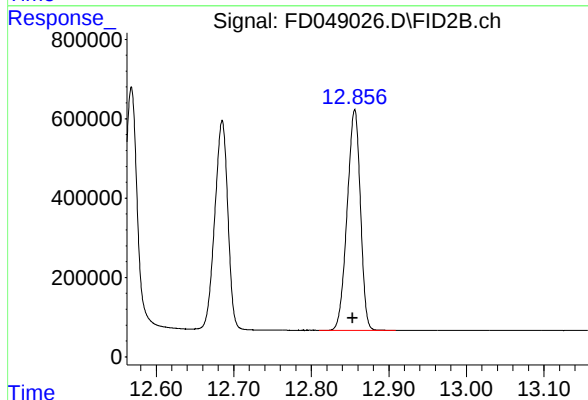
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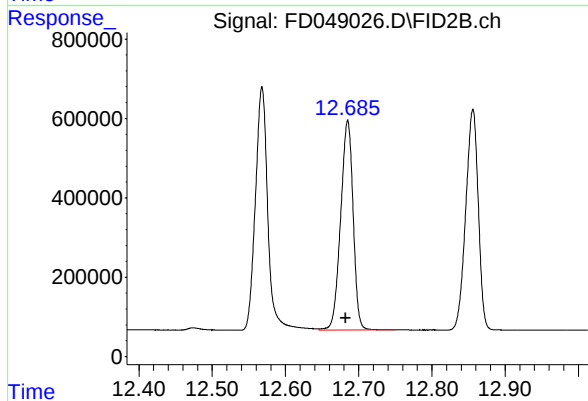
#10 n-Eicosane (C20)

R.T.: 12.248 min
Delta R.T.: 0.003 min
Response: 6951782
Conc: 40.39 ug/ml



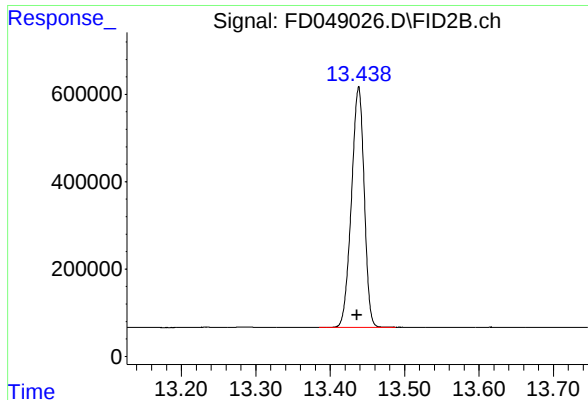
#11 n-Heneicosane (C21)

R.T.: 12.856 min
Delta R.T.: 0.003 min
Response: 6614274
Conc: 38.84 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.685 min
Delta R.T.: 0.003 min
Response: 6241571
Conc: 42.52 ug/ml



#13 n-Docosane (C22)

R.T.: 13.438 min
Delta R.T.: 0.002 min
Response: 6556050
Conc: 38.55 ug/ml

Instrument :

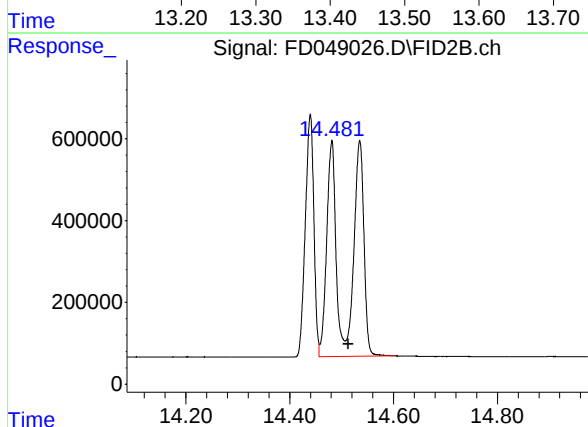
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ClientSampleId :

PB166432BSD

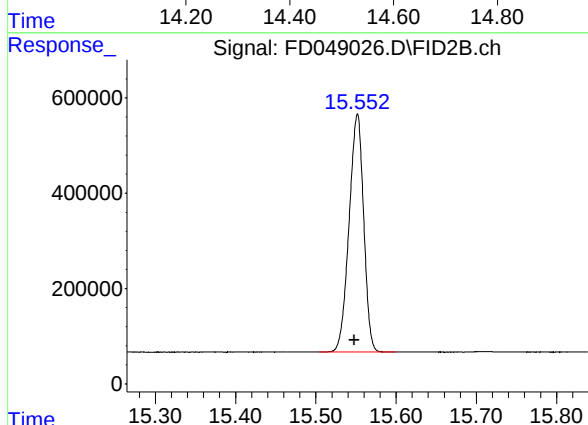
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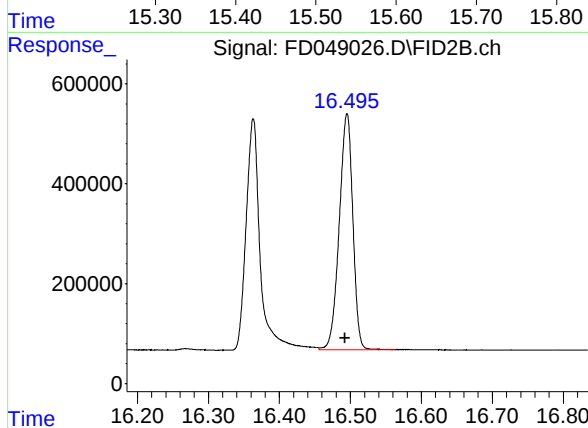
#14 n-Tetracosane (C24)

R.T.: 14.481 min
Delta R.T.: -0.032 min
Response: 13405556
Conc: 78.69 ug/ml



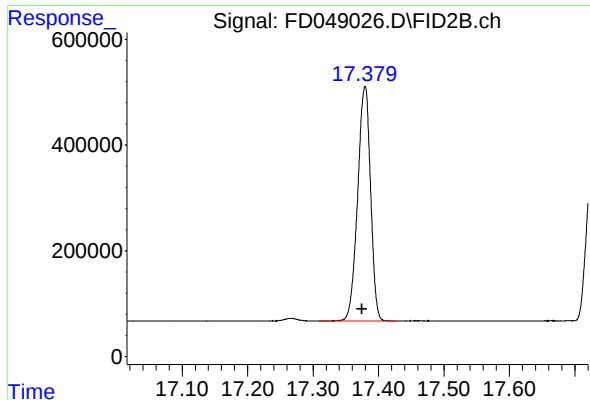
#15 n-Hexacosane (C26)

R.T.: 15.552 min
Delta R.T.: 0.004 min
Response: 6298266
Conc: 37.60 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.495 min
Delta R.T.: 0.003 min
Response: 6290975
Conc: 37.82 ug/ml



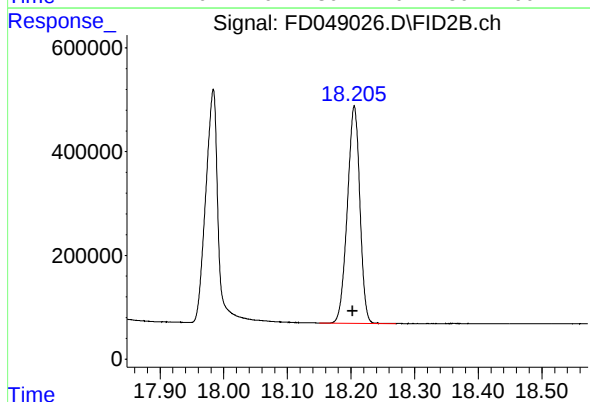
#17 n-Tricontane (C30)

R.T.: 17.380 min
Delta R.T.: 0.005 min
Response: 6081622
Conc: 35.43 ug/ml

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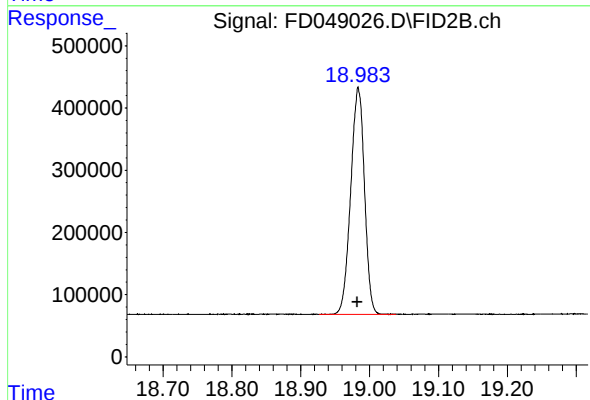
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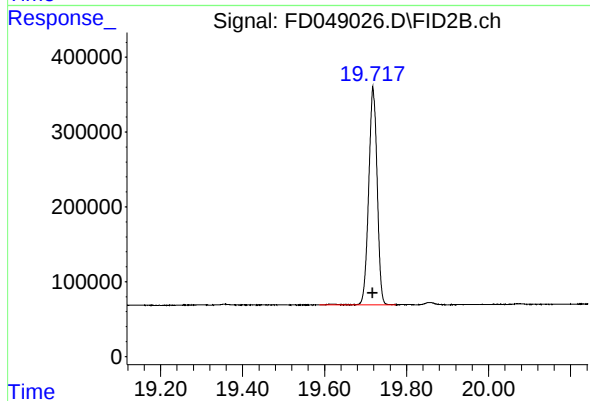
#18 n-Dotriacontane (C32)

R.T.: 18.205 min
Delta R.T.: 0.002 min
Response: 5715064
Conc: 34.96 ug/ml



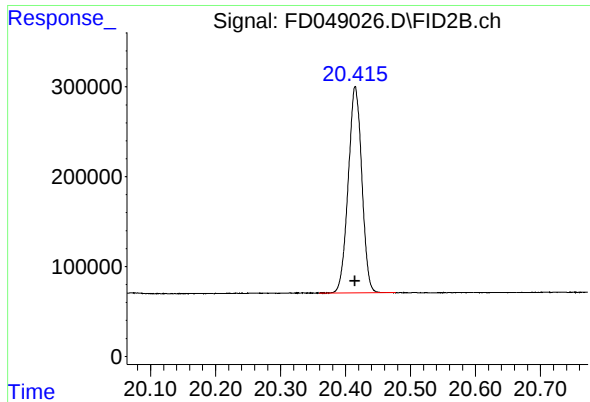
#19 n-Tetratriacontane (C34)

R.T.: 18.984 min
Delta R.T.: 0.002 min
Response: 5059366
Conc: 36.32 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.718 min
Delta R.T.: 0.001 min
Response: 4152899
Conc: 36.12 ug/ml



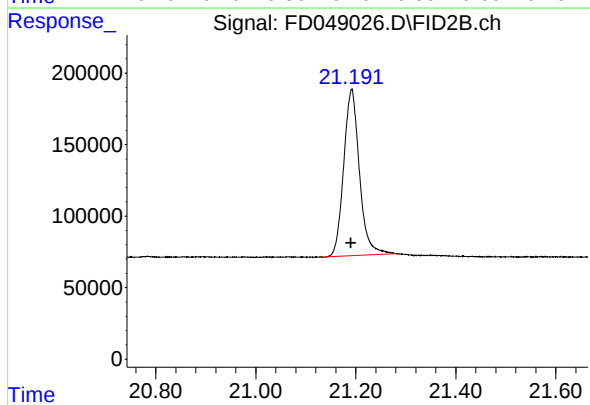
#21 n-Octatriacontane (C38)

R.T.: 20.415 min
Delta R.T.: 0.000 min
Response: 3339676
Conc: 32.23 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.192 min
Delta R.T.: 0.001 min
Response: 2532611
Conc: 26.43 ug/ml