

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD100622AL\
 Data File : FD044049.D
 Signal(s) : FID2B.ch
 Acq On : 06 Oct 2022 21:19
 Operator : YP/AJ
 Sample : N4955-07
 Misc : 4 PPM WATER LOD
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2022

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/07/2022
 Supervised By :Ankita Jodhani 10/07/2022

Integration File: autoint1.e
 Quant Time: Oct 07 04:25:48 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 100522.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 06 01:41:44 2022
 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...	12.721	3445265	27.395 ug/ml
Spiked Amount 50.000		Recovery =	54.79%
Target Compounds			
1) T n-Nonane (C9)	3.141	236237	1.750 ug/mlm
2) T n-Decane (C10)	4.191	292412	2.176 ug/mlm
4) T n-Dodecane (C12)	6.188	398178	2.866 ug/ml
6) T n-Tetradecane (C14)	7.967	436509	3.135 ug/ml
7) T n-Hexadecane (C16)	9.554	419728	2.976 ug/ml
8) T n-Octadecane (C18)	10.983	457470	3.146 ug/ml
10) T n-Eicosane (C20)	12.280	486034	3.278 ug/ml
11) T n-Heneicosane (C21)	12.886	503233	3.354 ug/ml
13) T n-Docosane (C22)	13.467	505856	3.365 ug/ml
14) T n-Tetracosane (C24)	14.559	512348	3.395 ug/ml
15) T n-Hexacosane (C26)	15.570	509020	3.362 ug/ml
16) T n-Octacosane (C28)	16.508	508981	3.378 ug/ml
17) T n-Tricontane (C30)	17.388	525502	3.429 ug/ml
18) T n-Dotriacontane (C32)	18.210	524860	3.422 ug/ml
19) T n-Tetratriacontane (C34)	18.983	498352	3.385 ug/ml
20) T n-Hexatriacontane (C36)	19.713	457357	3.119 ug/ml
21) T n-Octatriacontane (C38)	20.405	423277	3.034 ug/ml
22) T n-Tetracontane (C40)	21.166	393798	3.028 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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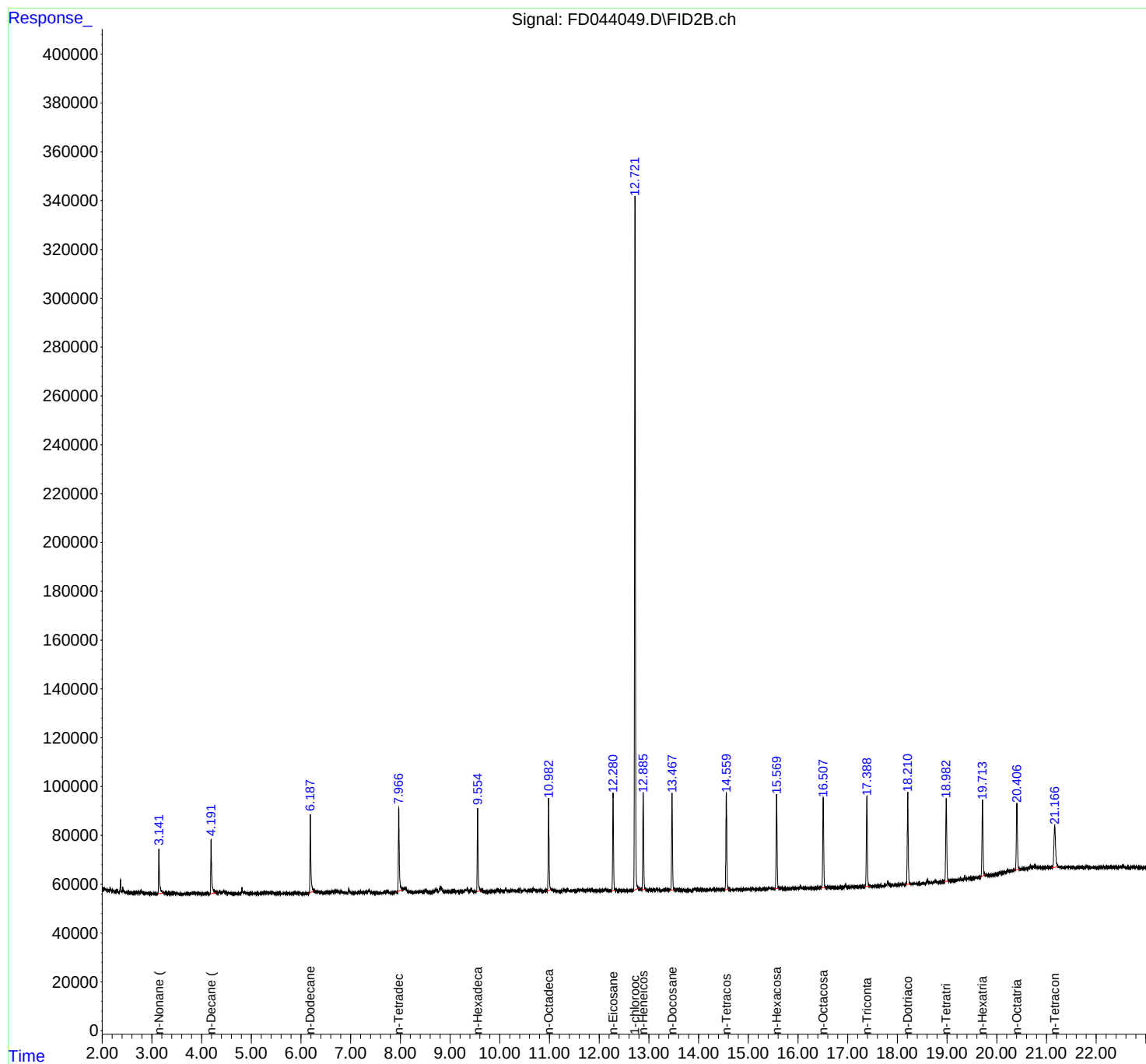
Instrument :
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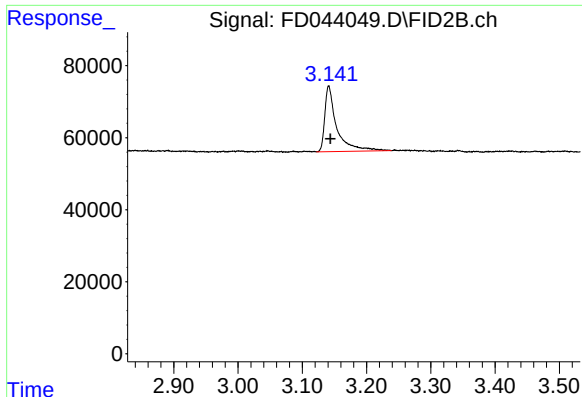
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Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.141 min
Delta R.T.: -0.003 min
Response: 236237
Conc: 1.75 ug/ml

Instrument :

FID_D

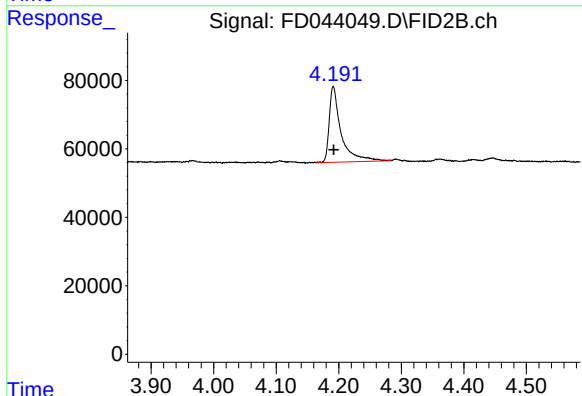
ClientSampleId :

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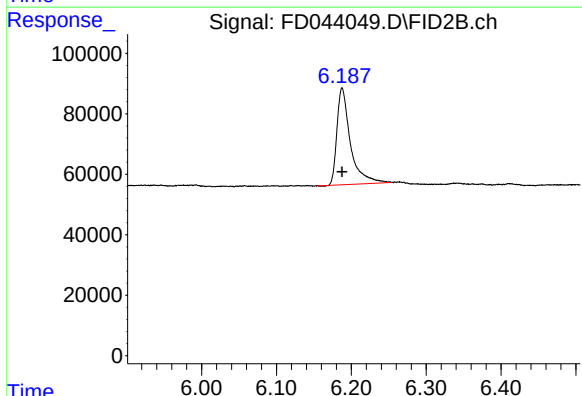
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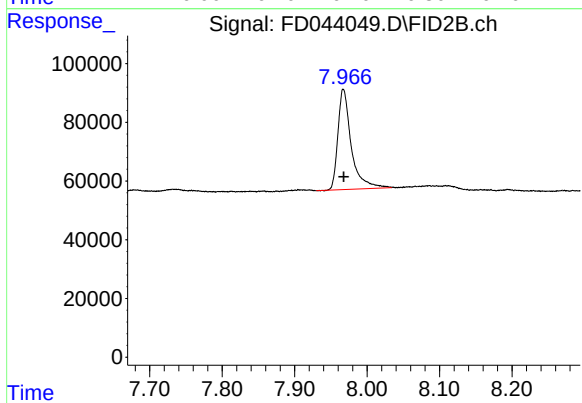
#2 n-Decane (C10)

R.T.: 4.191 min
Delta R.T.: -0.001 min
Response: 292412
Conc: 2.18 ug/ml m



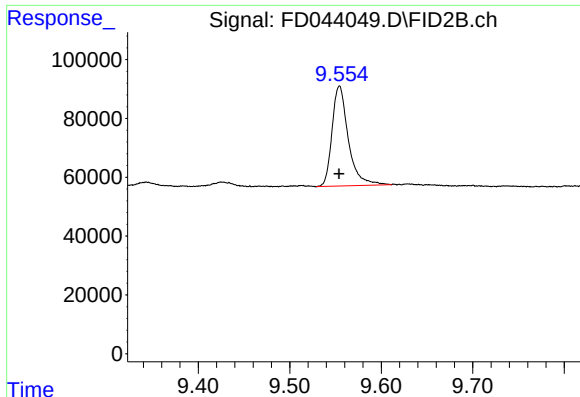
#4 n-Dodecane (C12)

R.T.: 6.188 min
Delta R.T.: 0.000 min
Response: 398178
Conc: 2.87 ug/ml



#6 n-Tetradecane (C14)

R.T.: 7.967 min
Delta R.T.: 0.000 min
Response: 436509
Conc: 3.14 ug/ml



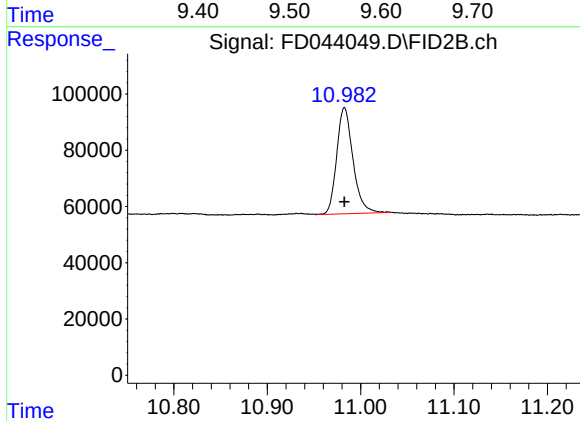
#7 n-Hexadecane (C16)

R.T.: 9.554 min
Delta R.T.: 0.000 min
Response: 419728
Conc: 2.98 ug/ml

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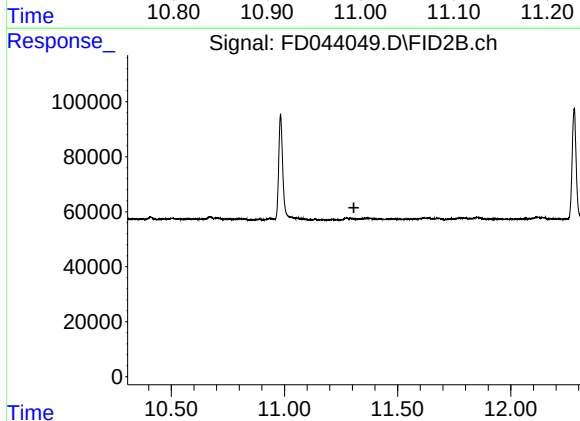
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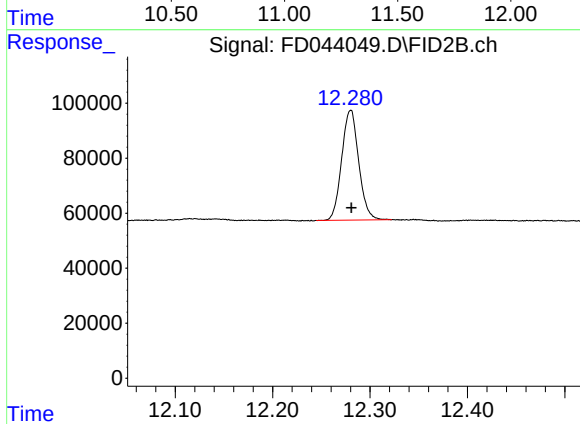
#8 n-Octadecane (C18)

R.T.: 10.983 min
Delta R.T.: 0.000 min
Response: 457470
Conc: 3.15 ug/ml



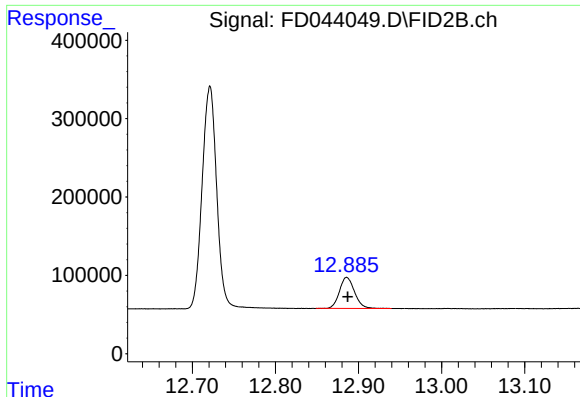
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.307 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.280 min
Delta R.T.: 0.000 min
Response: 486034
Conc: 3.28 ug/ml



#11 n-Heneicosane (C21)

R.T.: 12.886 min
Delta R.T.: -0.001 min
Response: 503233
Conc: 3.35 ug/ml

Instrument :

FID_D

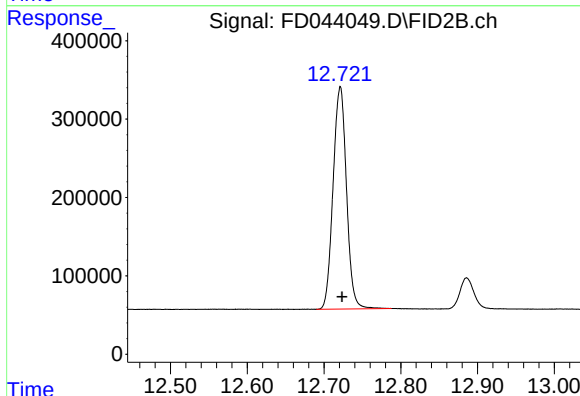
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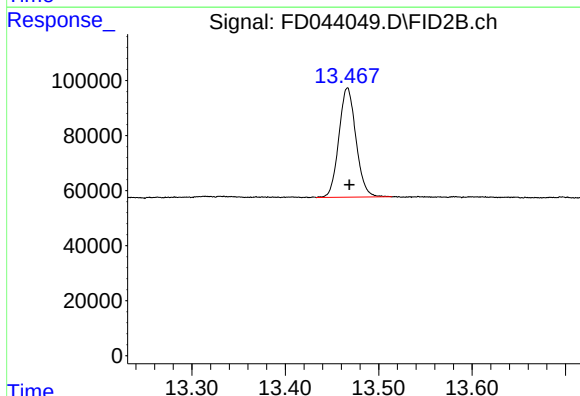
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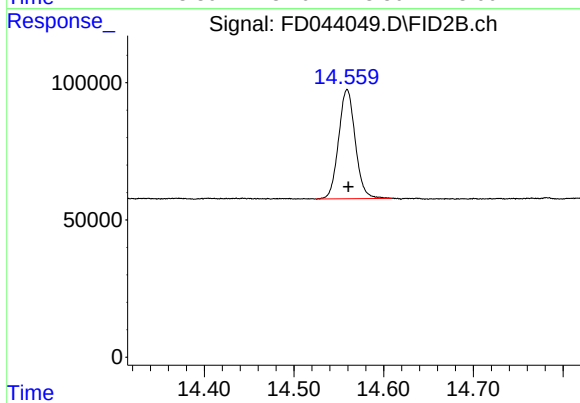
#12 1-chlorooctadecane (SURR)

R.T.: 12.721 min
Delta R.T.: -0.002 min
Response: 3445265
Conc: 27.39 ug/ml



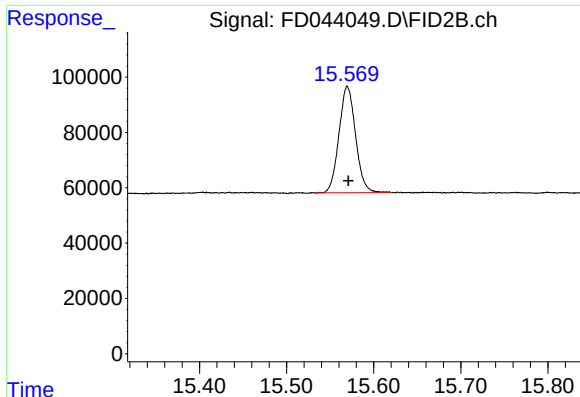
#13 n-Docosane (C22)

R.T.: 13.467 min
Delta R.T.: -0.002 min
Response: 505856
Conc: 3.36 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.559 min
Delta R.T.: -0.001 min
Response: 512348
Conc: 3.39 ug/ml



#15 n-Hexacosane (C26)

R.T.: 15.570 min
Delta R.T.: -0.001 min
Response: 509020
Conc: 3.36 ug/ml

Instrument :

FID_D

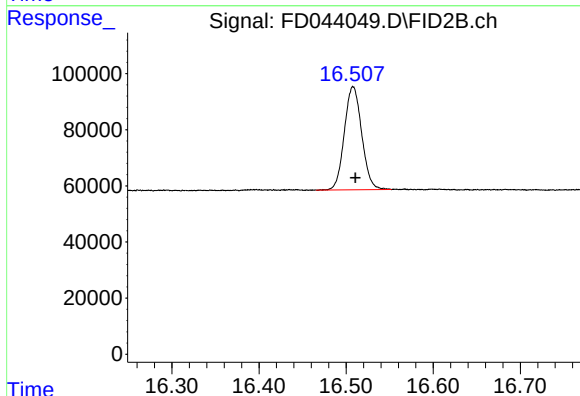
ClientSampleId :

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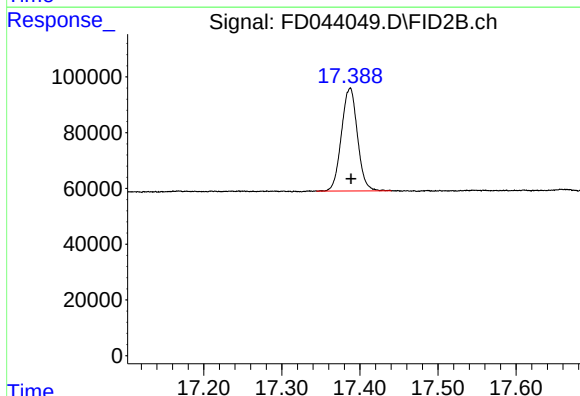
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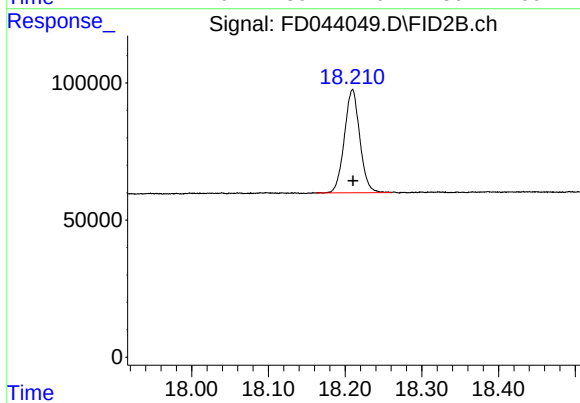
#16 n-Octacosane (C28)

R.T.: 16.508 min
Delta R.T.: -0.002 min
Response: 508981
Conc: 3.38 ug/ml



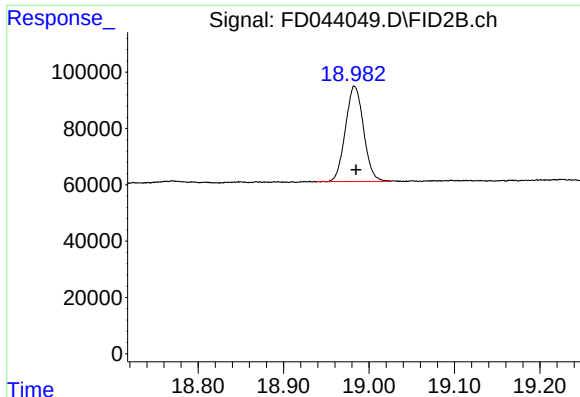
#17 n-Tricontane (C30)

R.T.: 17.388 min
Delta R.T.: -0.001 min
Response: 525502
Conc: 3.43 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.210 min
Delta R.T.: 0.000 min
Response: 524860
Conc: 3.42 ug/ml



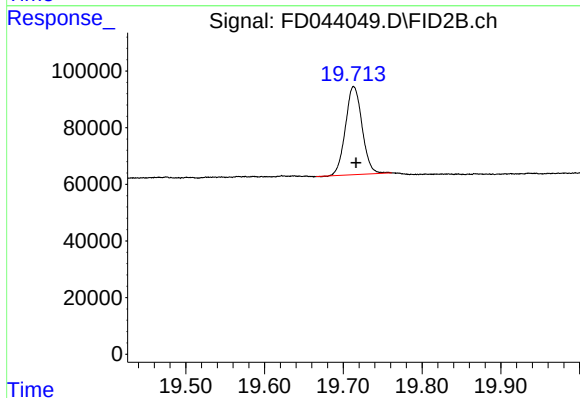
#19 n-Tetratriacontane (C34)

R.T.: 18.983 min
Delta R.T.: -0.002 min
Response: 498352
Conc: 3.39 ug/ml

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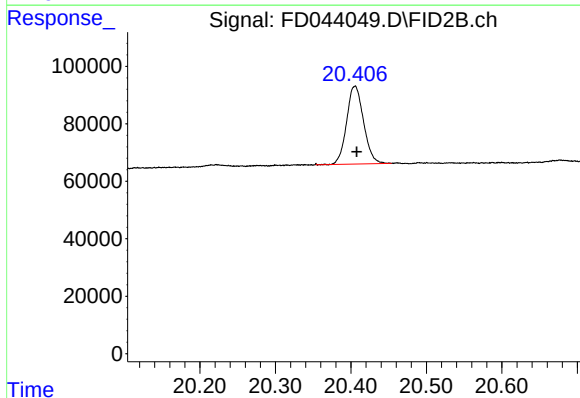
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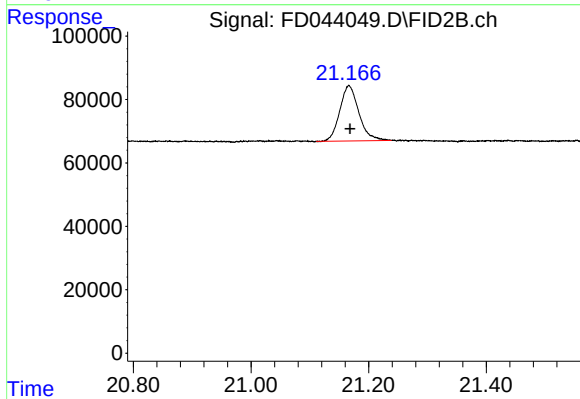
#20 n-Hexatriacontane (C36)

R.T.: 19.713 min
Delta R.T.: -0.003 min
Response: 457357
Conc: 3.12 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.405 min
Delta R.T.: -0.002 min
Response: 423277
Conc: 3.03 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.166 min
Delta R.T.: -0.002 min
Response: 393798
Conc: 3.03 ug/ml