

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF050422AL\
 Data File : FF010540.D
 Signal(s) : FID2B.ch
 Acq On : 05 May 2022 02:24
 Operator : AJ\MA
 Sample : N2659-03MSD
 Misc :
 ALS Vial : 75 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 22L097-CMSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/05/2022
 Supervised By :mohammad ahmed 05/06/2022

Integration File: sample.E
 Quant Time: May 05 04:06:09 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH -FF050322
 Quant Title : GC Extractables
 QLast Update : Tue May 03 13:18:42 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...	12.288	3326748	30.590 ug/ml
Spiked Amount 50.000		Recovery =	61.18%
Target Compounds			
1) T n-Nonane (C9)	2.714	2406408	20.335 ug/ml
2) T n-Decane (C10)	3.721	3007640	25.612 ug/ml
4) T n-Dodecane (C12)	5.707	3545886	29.527 ug/ml
6) T n-Tetradecane (C14)	7.497	3971219	32.909 ug/ml
7) T n-Hexadecane (C16)	9.096	4573892	37.178 ug/ml
8) T n-Octadecane (C18)	10.537	4981251	39.694 ug/ml
10) T n-Eicosane (C20)	11.845	4916826	39.197 ug/ml
11) T n-Heneicosane (C21)	12.457	4916989	39.060 ug/ml
13) T n-Docosane (C22)	13.042	4884047	39.045 ug/ml
14) T n-Tetracosane (C24)	14.143	4786765	38.884 ug/ml
15) T n-Hexacosane (C26)	15.163	4704794	39.542 ug/ml
16) T n-Octacosane (C28)	16.112	4416712	38.698 ug/ml
17) T n-Tricontane (C30)	16.998	4295194	39.389 ug/ml
18) T n-Dotriacontane (C32)	17.829	4084276	39.862 ug/ml
19) T n-Tetratriacontane (C34)	18.609	3662475	39.686 ug/ml
20) T n-Hexatriacontane (C36)	19.347	3346720	40.107 ug/ml
21) T n-Octatriacontane (C38)	20.066	3197826	42.958 ug/mlm
22) T n-Tetracontane (C40)	20.941	3080399	41.207 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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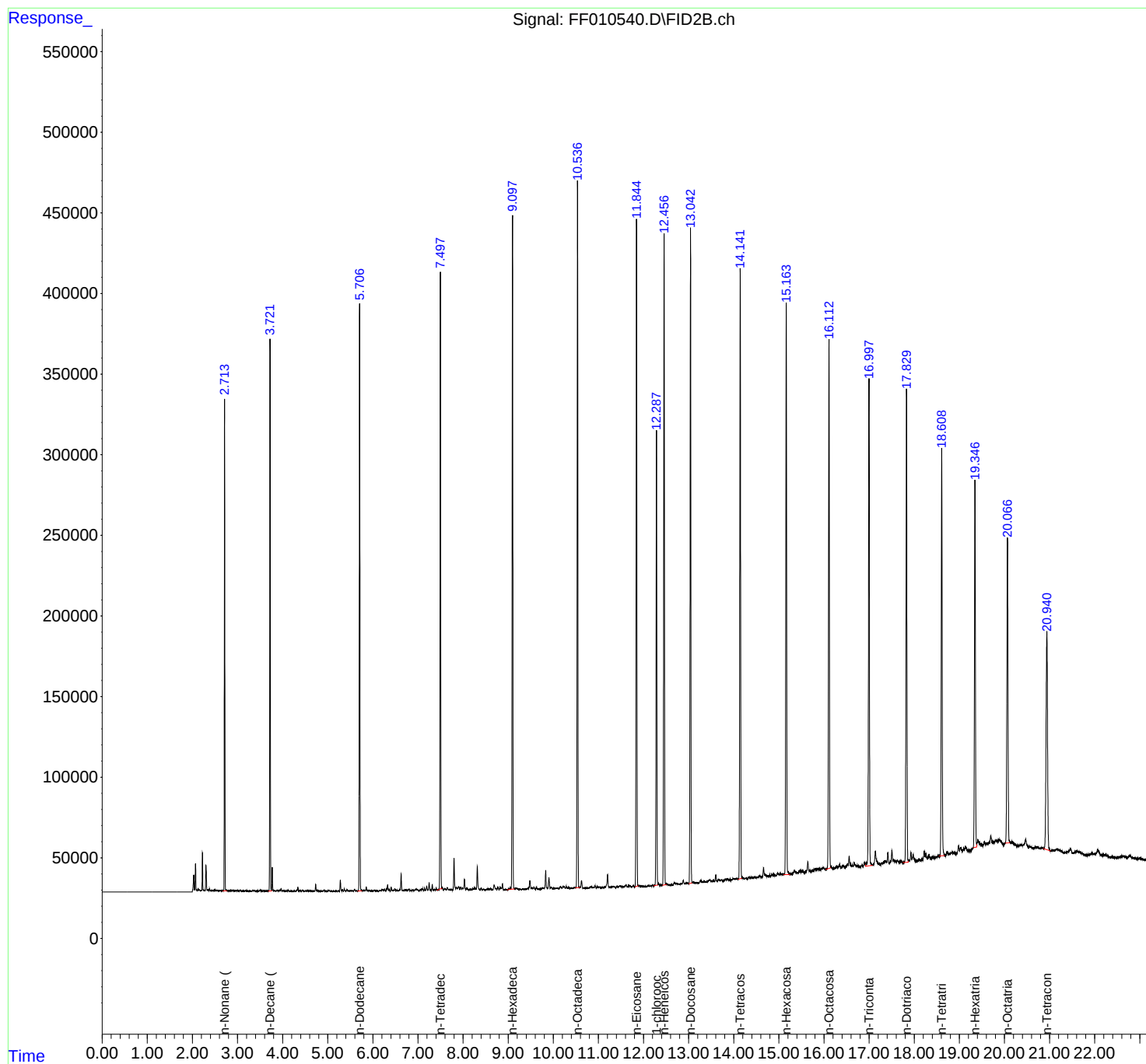
Instrument :
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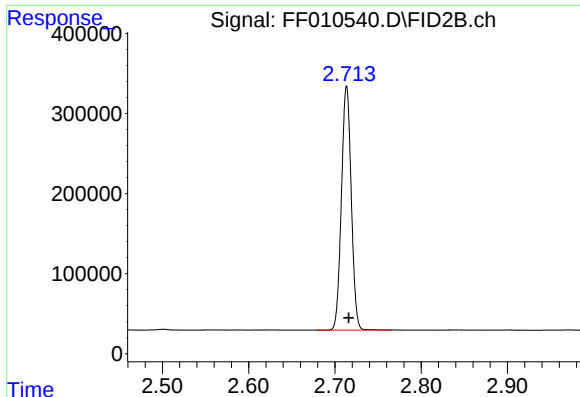
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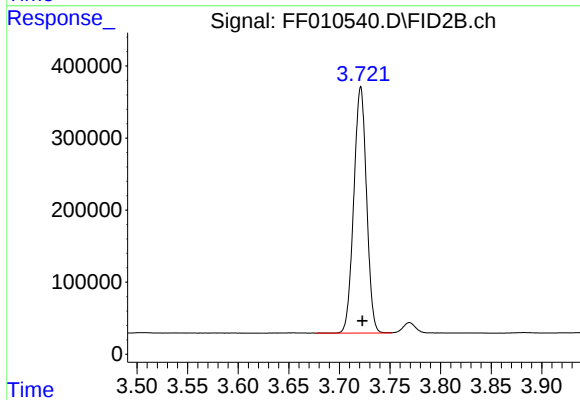
#1 n-Nonane (C9)

R.T.: 2.714 min
Delta R.T.: -0.002 min
Response: 2406408
Conc: 20.34 ug/ml

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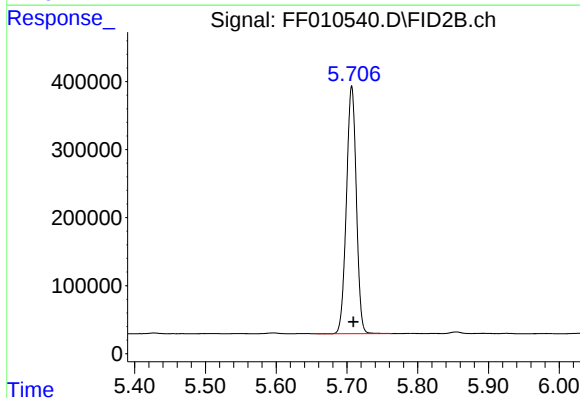
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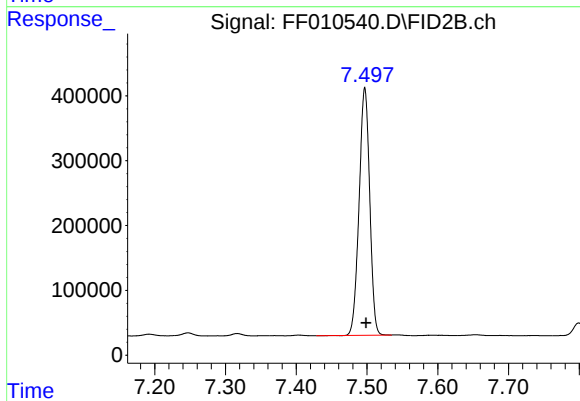
#2 n-Decane (C10)

R.T.: 3.721 min
Delta R.T.: -0.001 min
Response: 3007640
Conc: 25.61 ug/ml



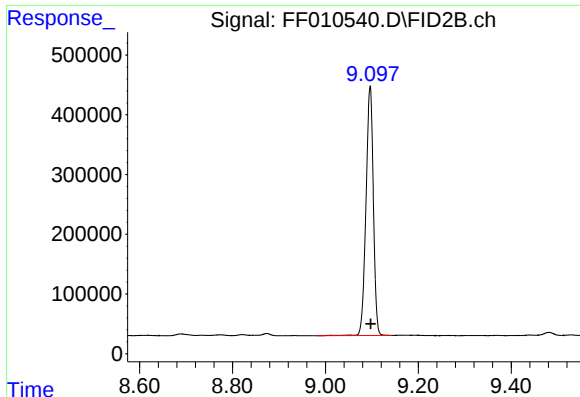
#4 n-Dodecane (C12)

R.T.: 5.707 min
Delta R.T.: -0.002 min
Response: 3545886
Conc: 29.53 ug/ml



#6 n-Tetradecane (C14)

R.T.: 7.497 min
Delta R.T.: -0.002 min
Response: 3971219
Conc: 32.91 ug/ml



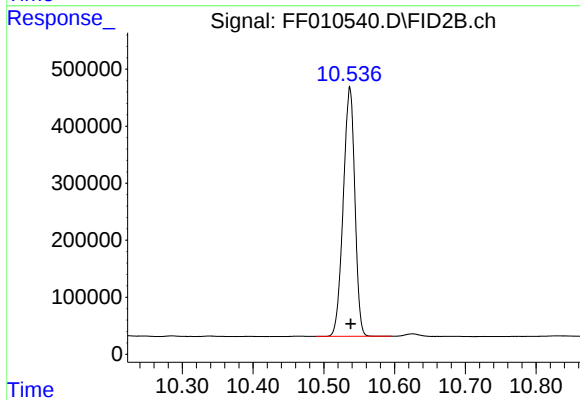
#7 n-Hexadecane (C16)

R.T.: 9.096 min
Delta R.T.: -0.001 min
Response: 4573892
Conc: 37.18 ug/ml

Instrument :
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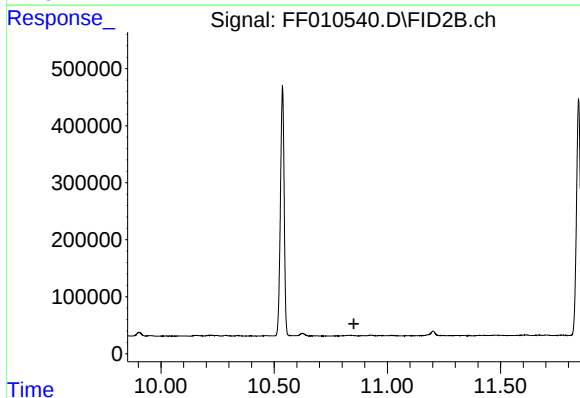
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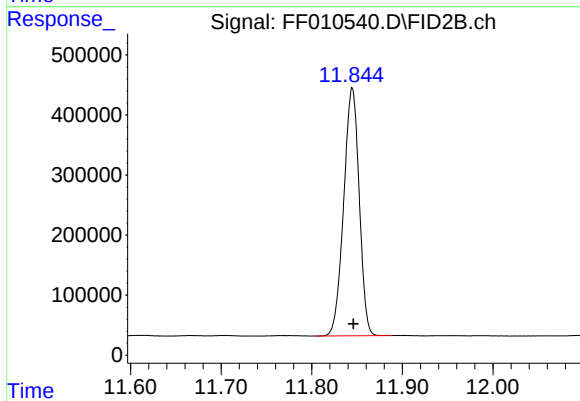
#8 n-Octadecane (C18)

R.T.: 10.537 min
Delta R.T.: -0.001 min
Response: 4981251
Conc: 39.69 ug/ml



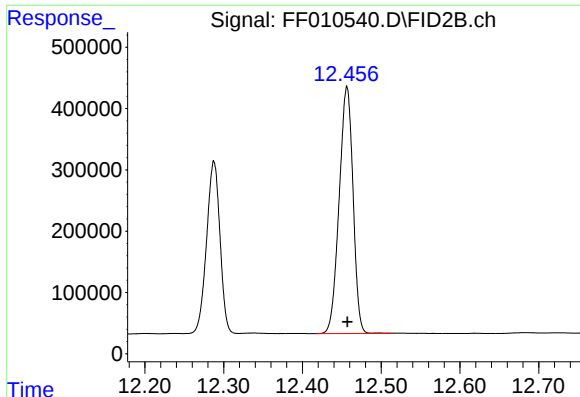
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 10.852 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 11.845 min
Delta R.T.: -0.001 min
Response: 4916826
Conc: 39.20 ug/ml



#11 n-Heneicosane (C21)

R.T.: 12.457 min
Delta R.T.: 0.000 min
Response: 4916989
Conc: 39.06 ug/ml

Instrument :

FID_F

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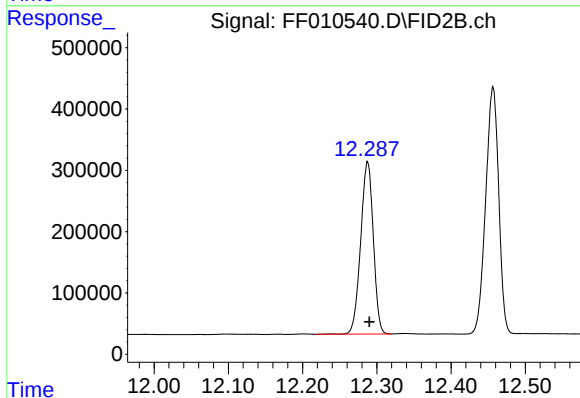
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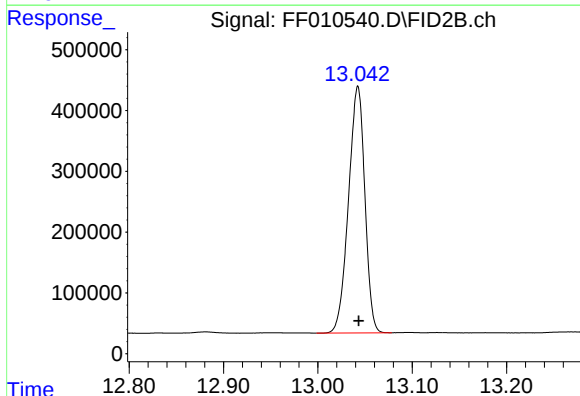
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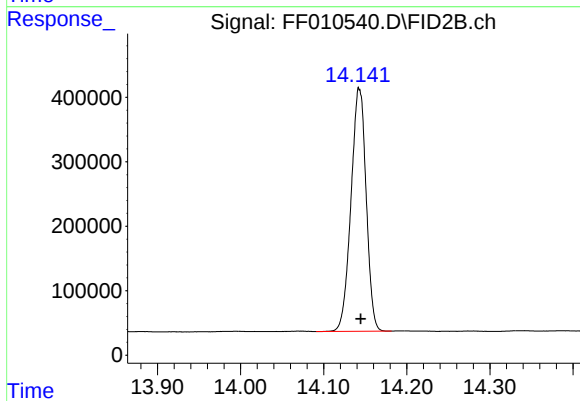
#12 1-chlorooctadecane (SURR)

R.T.: 12.288 min
Delta R.T.: -0.002 min
Response: 3326748
Conc: 30.59 ug/ml



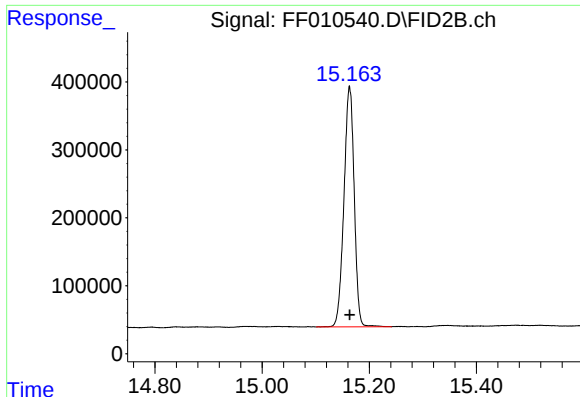
#13 n-Docosane (C22)

R.T.: 13.042 min
Delta R.T.: 0.000 min
Response: 4884047
Conc: 39.05 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.143 min
Delta R.T.: -0.002 min
Response: 4786765
Conc: 38.88 ug/ml



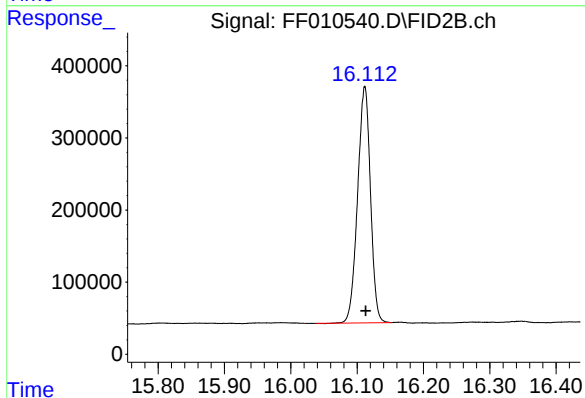
#15 n-Hexacosane (C26)

R.T.: 15.163 min
Delta R.T.: 0.000 min
Response: 4704794
Conc: 39.54 ug/ml

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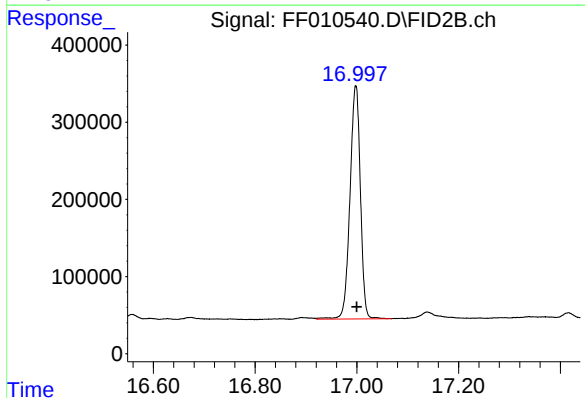
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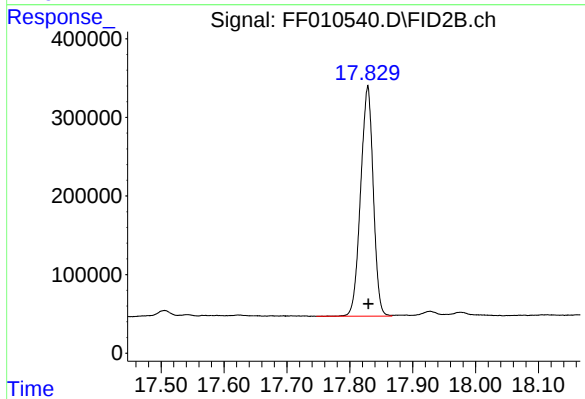
#16 n-Octacosane (C28)

R.T.: 16.112 min
Delta R.T.: -0.001 min
Response: 4416712
Conc: 38.70 ug/ml



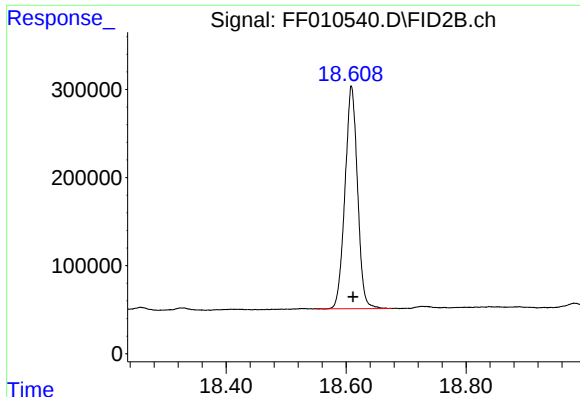
#17 n-Tricontane (C30)

R.T.: 16.998 min
Delta R.T.: -0.001 min
Response: 4295194
Conc: 39.39 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 17.829 min
Delta R.T.: -0.001 min
Response: 4084276
Conc: 39.86 ug/ml



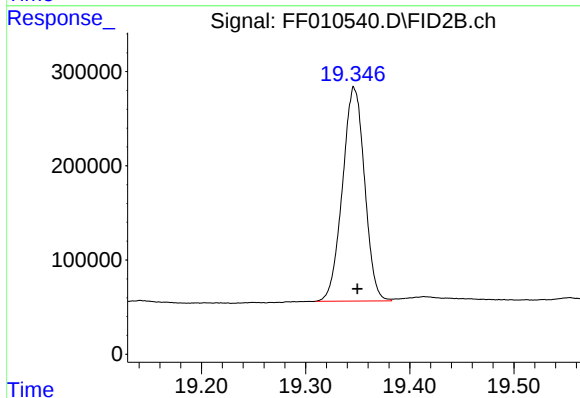
#19 n-Tetratriacontane (C34)

R.T.: 18.609 min
Delta R.T.: -0.002 min
Response: 3662475
Conc: 39.69 ug/ml

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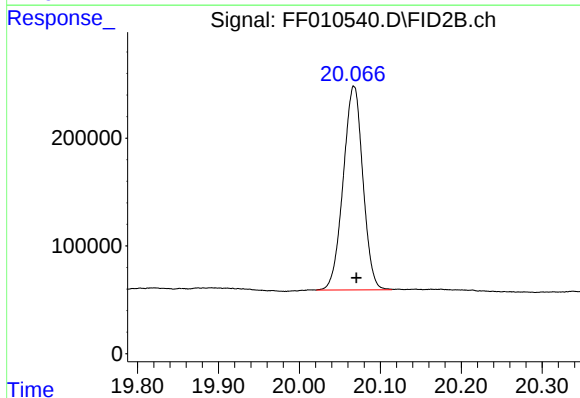
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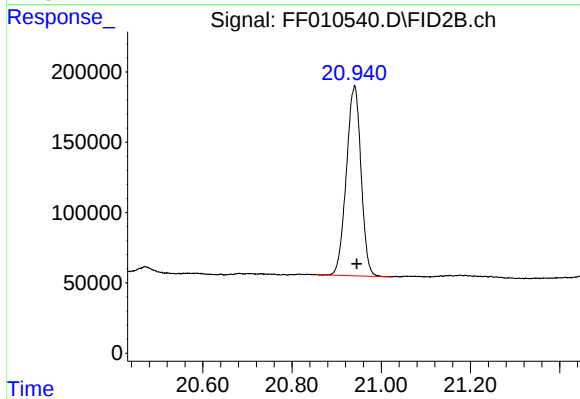
#20 n-Hexatriacontane (C36)

R.T.: 19.347 min
Delta R.T.: -0.003 min
Response: 3346720
Conc: 40.11 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.066 min
Delta R.T.: -0.004 min
Response: 3197826
Conc: 42.96 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 20.941 min
Delta R.T.: -0.004 min
Response: 3080399
Conc: 41.21 ug/ml