

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122921AL\
 Data File : FD040293.D
 Signal(s) : FID2B.CH
 Acq On : 30 Dec 2021 10:41
 Operator : AJ\MA
 Sample : PB141562BSD
 Misc :
 ALS Vial : 84 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB141562BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/30/2021
 Supervised By :Ankita Jodhani 12/30/2021

Integration File: autoint1.e
 Quant Time: Dec 30 11:05:04 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 122821.M
 Quant Title : GC Extractables
 QLast Update : Wed Dec 29 02:26:30 2021
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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...	12.137	2943430	24.407 ug/ml
Spiked Amount 50.000		Recovery =	48.81%
Target Compounds			
1) T n-Nonane (C9)	2.633	2972862	22.654 ug/ml
2) T n-Decane (C10)	3.626	3653681	27.603 ug/ml
4) T n-Dodecane (C12)	5.599	4202740	31.645 ug/ml
6) T n-Tetradecane (C14)	7.377	4524540	32.727 ug/ml
7) T n-Hexadecane (C16)	8.965	4952557	36.119 ug/ml
8) T n-Octadecane (C18)	10.397	5270980	37.326 ug/ml
10) T n-Eicosane (C20)	11.699	5317574	38.035 ug/ml
11) T n-Heneicosane (C21)	12.308	5313916	37.558 ug/ml
13) T n-Docosane (C22)	12.890	5330211	37.981 ug/ml
14) T n-Tetracosane (C24)	13.987	5334588	37.994 ug/ml
15) T n-Hexacosane (C26)	15.003	5170930	37.605 ug/ml
16) T n-Octacosane (C28)	15.947	5005412	36.795 ug/ml
17) T n-Tricontane (C30)	16.829	4801234	35.876 ug/ml
18) T n-Dotriacontane (C32)	17.658	4517448	34.899 ug/ml
19) T n-Tetratriacontane (C34)	18.437	4261316	35.146 ug/mlm
20) T n-Hexatriacontane (C36)	19.173	3875881	36.369 ug/mlm
21) T n-Octatriacontane (C38)	19.876	3604352	39.031 ug/mlm
22) T n-Tetracontane (C40)	20.702	3524195	45.260 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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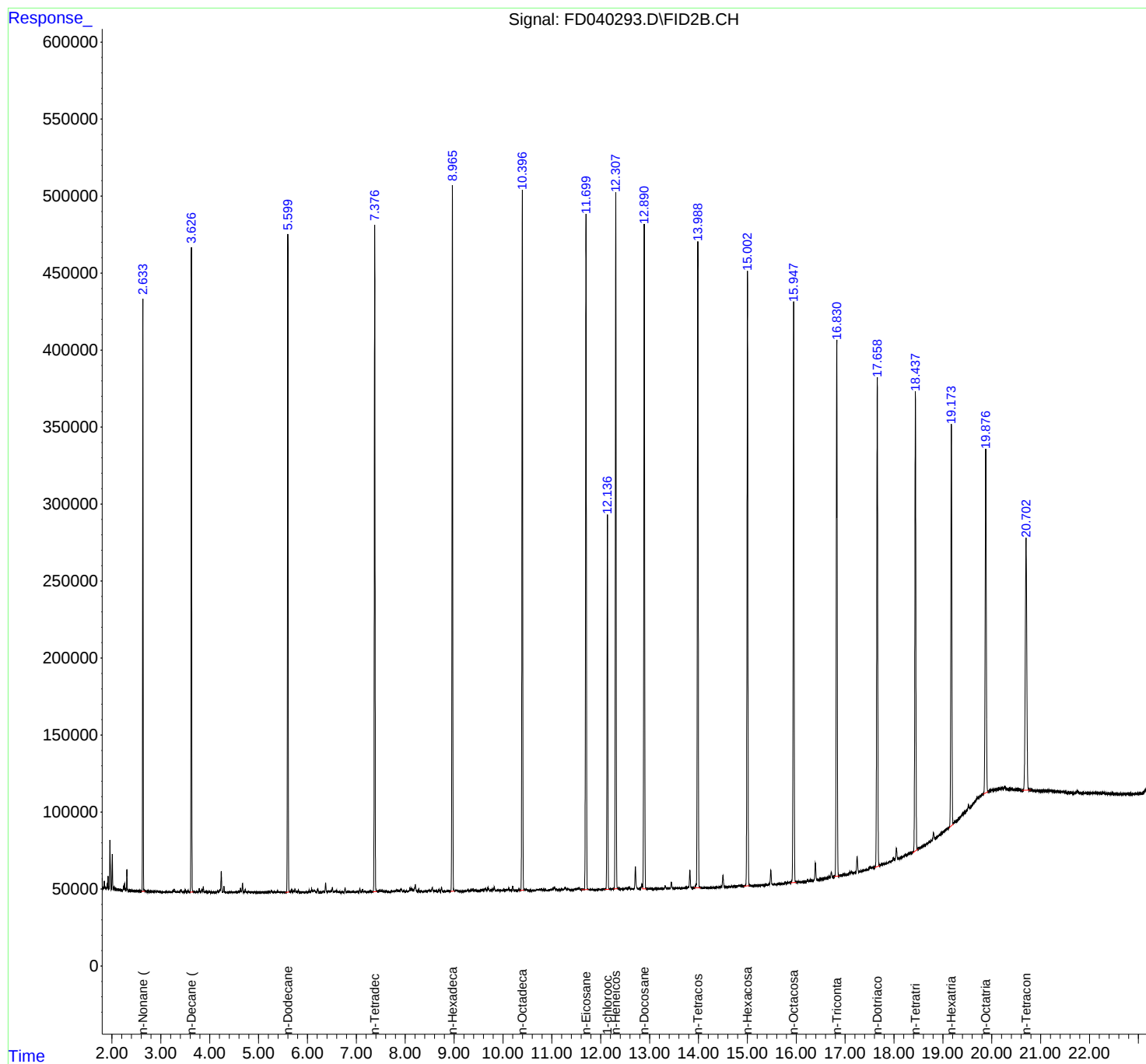
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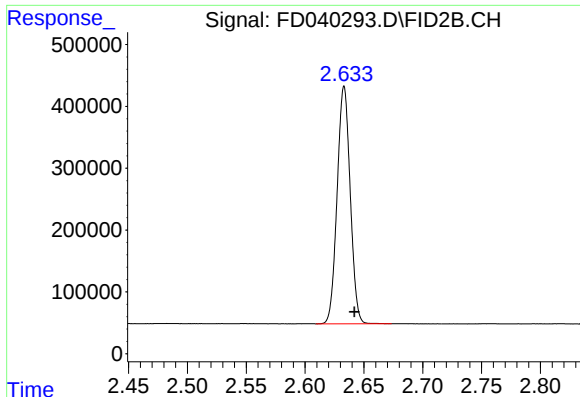
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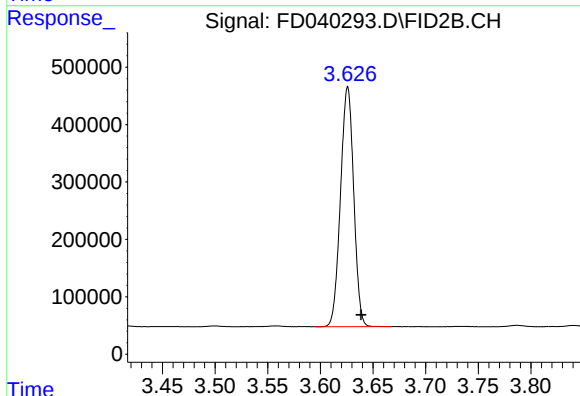
#1 n-Nonane (C9)

R.T.: 2.633 min
Delta R.T.: -0.009 min
Response: 2972862
Conc: 22.65 ug/ml

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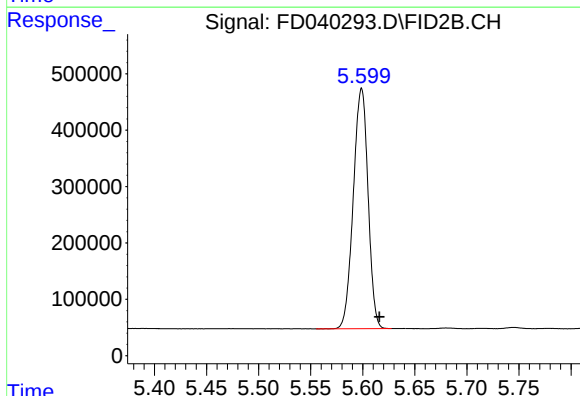
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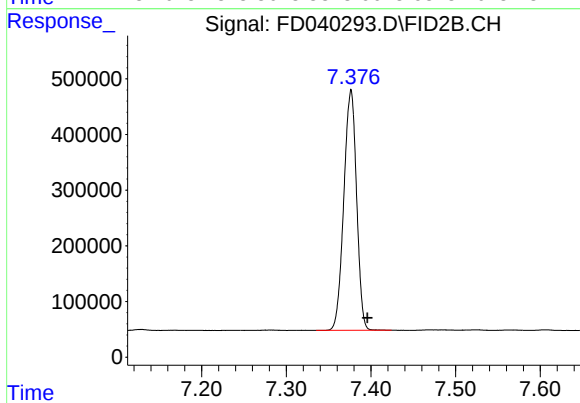
#2 n-Decane (C10)

R.T.: 3.626 min
Delta R.T.: -0.013 min
Response: 3653681
Conc: 27.60 ug/ml



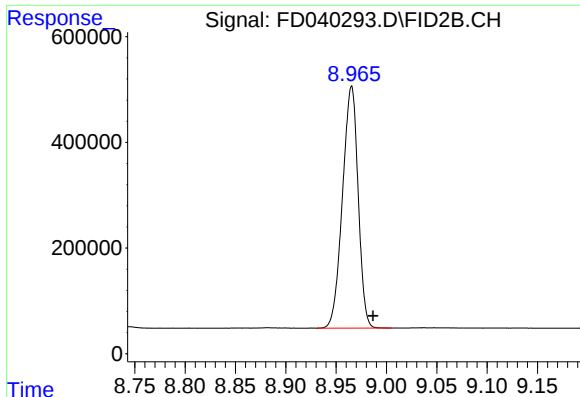
#4 n-Dodecane (C12)

R.T.: 5.599 min
Delta R.T.: -0.017 min
Response: 4202740
Conc: 31.65 ug/ml



#6 n-Tetradecane (C14)

R.T.: 7.377 min
Delta R.T.: -0.019 min
Response: 4524540
Conc: 32.73 ug/ml



#7 n-Hexadecane (C16)

R.T.: 8.965 min
Delta R.T.: -0.021 min
Response: 4952557
Conc: 36.12 ug/ml

Instrument :

FID_D

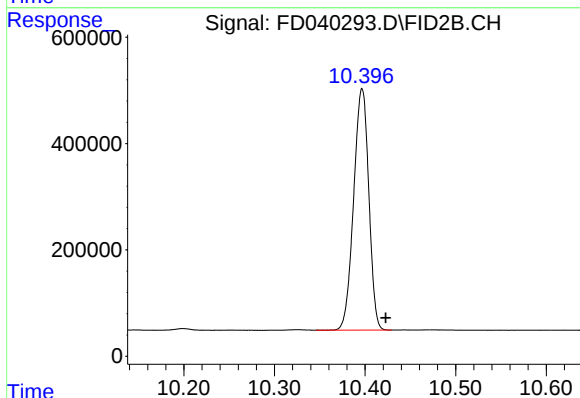
ClientSampleId :

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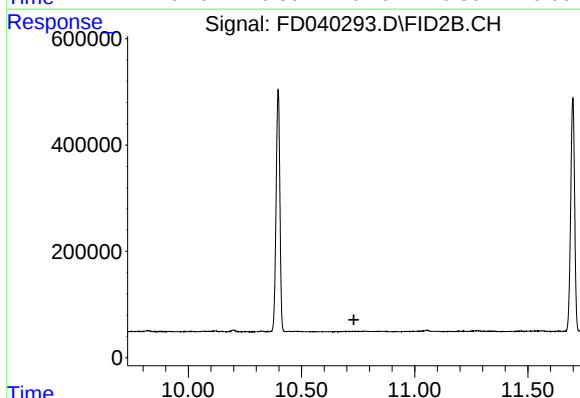
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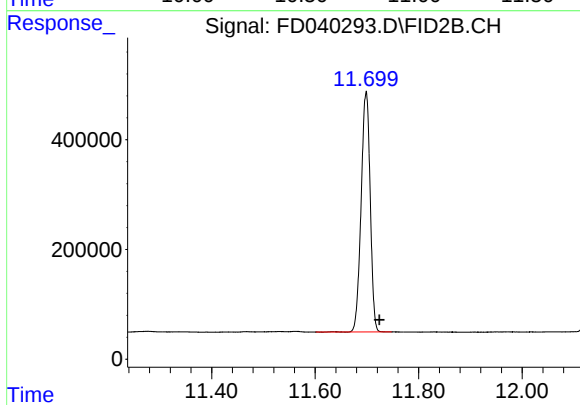
#8 n-Octadecane (C18)

R.T.: 10.397 min
Delta R.T.: -0.026 min
Response: 5270980
Conc: 37.33 ug/ml



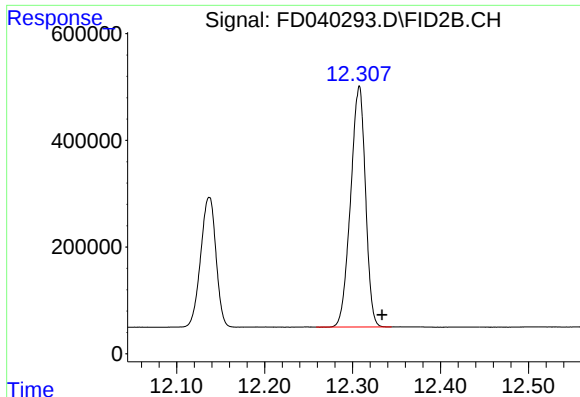
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 10.731 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 11.699 min
Delta R.T.: -0.025 min
Response: 5317574
Conc: 38.04 ug/ml



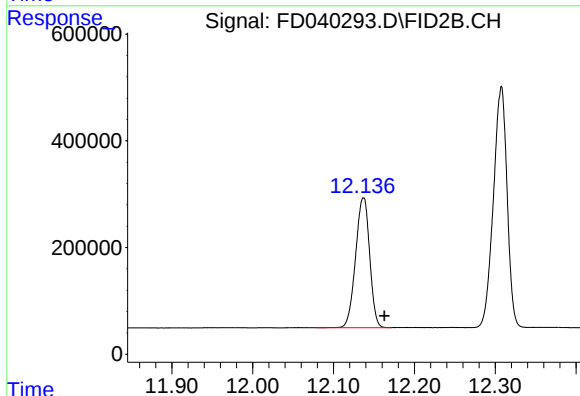
#11 n-Heneicosane (C21)

R.T.: 12.308 min
Delta R.T.: -0.026 min
Response: 5313916
Conc: 37.56 ug/ml

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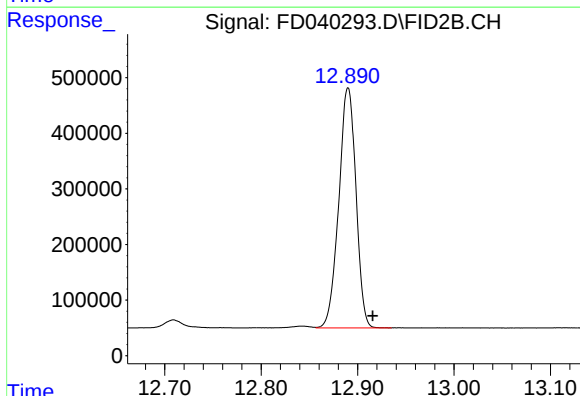
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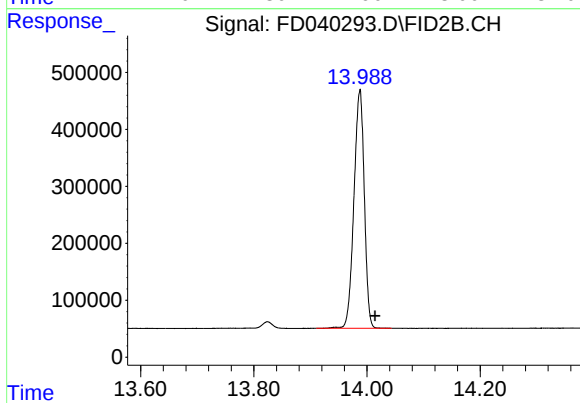
#12 1-chlorooctadecane (SURR)

R.T.: 12.137 min
Delta R.T.: -0.026 min
Response: 2943430
Conc: 24.41 ug/ml



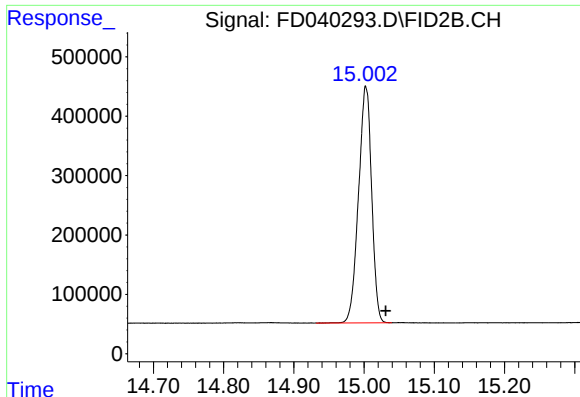
#13 n-Docosane (C22)

R.T.: 12.890 min
Delta R.T.: -0.026 min
Response: 5330211
Conc: 37.98 ug/ml



#14 n-Tetracosane (C24)

R.T.: 13.987 min
Delta R.T.: -0.027 min
Response: 5334588
Conc: 37.99 ug/ml



#15 n-Hexacosane (C26)

R.T.: 15.003 min
Delta R.T.: -0.028 min
Response: 5170930
Conc: 37.61 ug/ml

Instrument :

FID_D

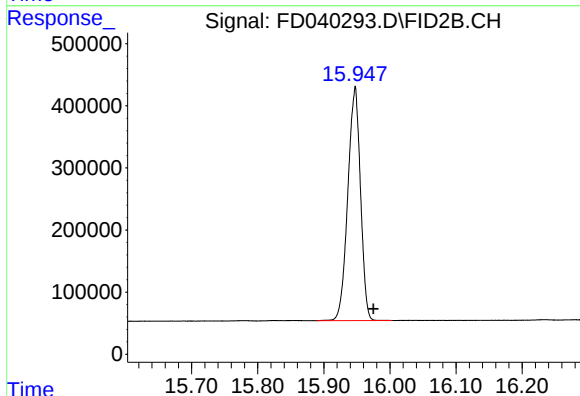
ClientSampleId :

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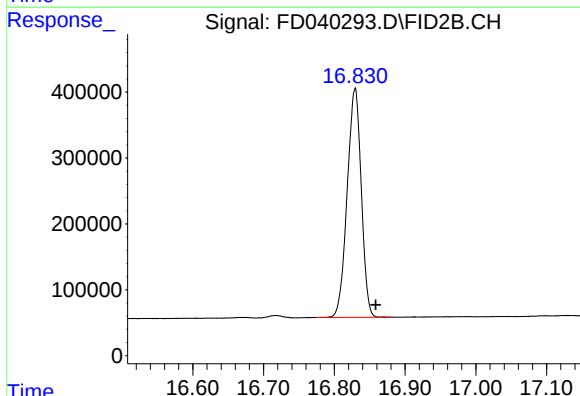
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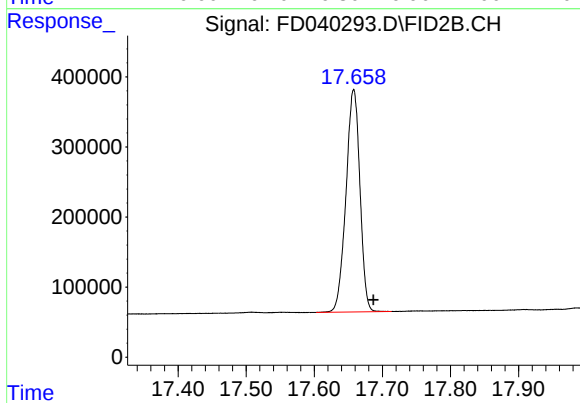
#16 n-Octacosane (C28)

R.T.: 15.947 min
Delta R.T.: -0.028 min
Response: 5005412
Conc: 36.80 ug/ml



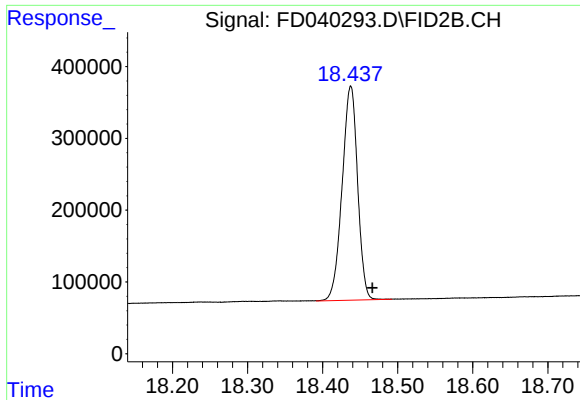
#17 n-Tricontane (C30)

R.T.: 16.829 min
Delta R.T.: -0.029 min
Response: 4801234
Conc: 35.88 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 17.658 min
Delta R.T.: -0.029 min
Response: 4517448
Conc: 34.90 ug/ml



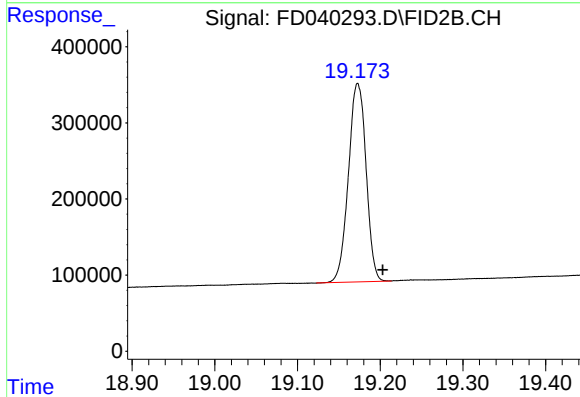
#19 n-Tetratriacontane (C34)

R.T.: 18.437 min
Delta R.T.: -0.029 min
Response: 4261316
Conc: 35.15 ug/ml

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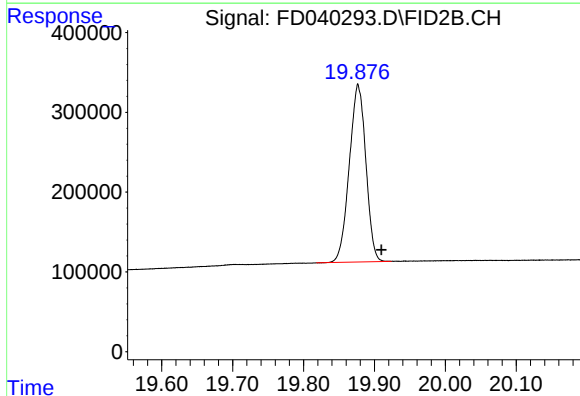
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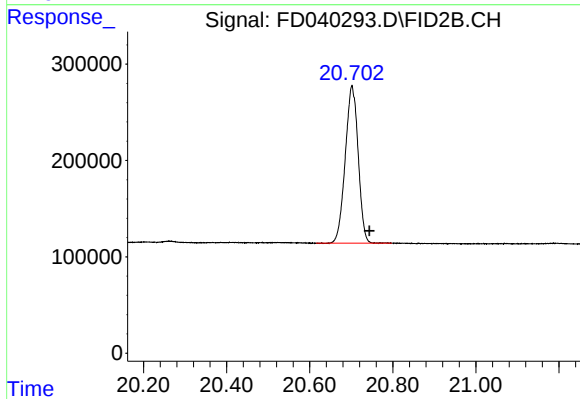
#20 n-Hexatriacontane (C36)

R.T.: 19.173 min
Delta R.T.: -0.031 min
Response: 3875881
Conc: 36.37 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 19.876 min
Delta R.T.: -0.034 min
Response: 3604352
Conc: 39.03 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 20.702 min
Delta R.T.: -0.042 min
Response: 3524195
Conc: 45.26 ug/ml