

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061224AL\
 Data File : FE048684.D
 Signal(s) : FID1B.ch
 Acq On : 12 Jun 2024 21:38
 Operator : YP\AJ
 Sample : P2847-09MSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

INT-PE5MSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 06/13/2024

Supervised By :Ankita Jodhani 06/13/2024

Integration File: autoint1.e

Quant Time: Jun 13 01:30:48 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 052524.M

Quant Title : GC Extractables

QLast Update : Fri May 24 16:28:51 2024

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...	13.374	2985511	27.405 ug/ml
Spiked Amount 50.000		Recovery =	54.81%
Target Compounds			
1) T n-Nonane (C9)	3.328	3108464	20.792 ug/ml
2) T n-Decane (C10)	4.577	3810257	25.233 ug/ml
4) T n-Dodecane (C12)	6.742	4154926	28.069 ug/ml
6) T n-Tetradecane (C14)	8.571	4503864	31.755 ug/ml
7) T n-Hexadecane (C16)	10.178	4771376	33.845 ug/ml
8) T n-Octadecane (C18)	11.621	4958247	35.700 ug/ml
10) T n-Eicosane (C20)	12.930	4931901	37.268 ug/ml
11) T n-Heneicosane (C21)	13.542	4758946	36.740 ug/ml
13) T n-Docosane (C22)	14.127	4697388	36.453 ug/ml
14) T n-Tetracosane (C24)	15.229	4734382	36.545 ug/ml
15) T n-Hexacosane (C26)	16.249	4720052	36.418 ug/ml
16) T n-Octacosane (C28)	17.198	4670530	36.135 ug/ml
17) T n-Tricontane (C30)	18.084	4771005	35.615 ug/ml
18) T n-Dotriacontane (C32)	18.916	4901260	36.107 ug/ml
19) T n-Tetratriacontane (C34)	19.700	4978040	36.389 ug/ml
20) T n-Hexatriacontane (C36)	20.438	4896159	36.018 ug/ml
21) T n-Octatriacontane (C38)	21.174	5058303	37.092 ug/ml
22) T n-Tetracontane (C40)	22.089	4885476	35.681 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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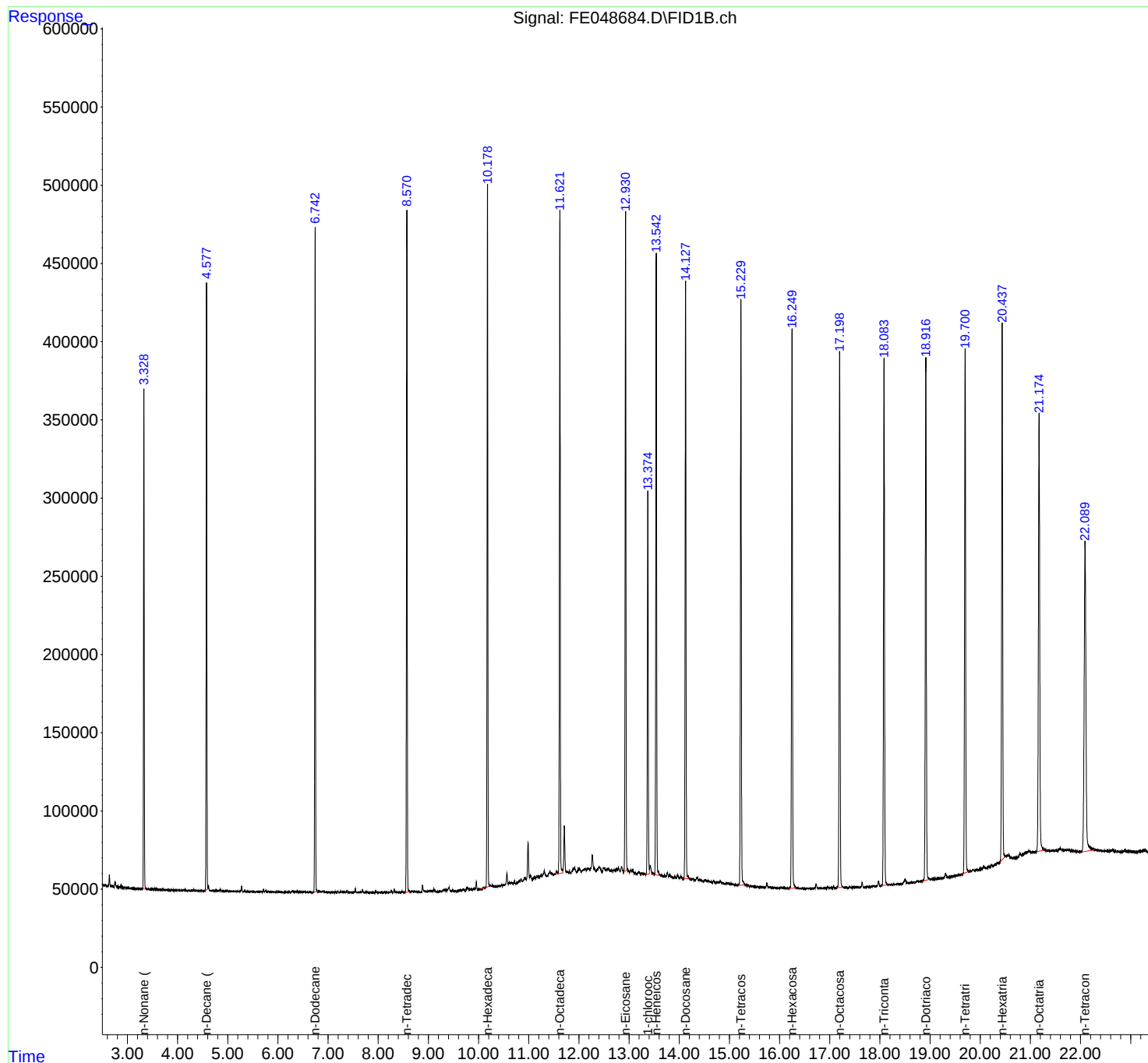
Response via : Initial Calibration

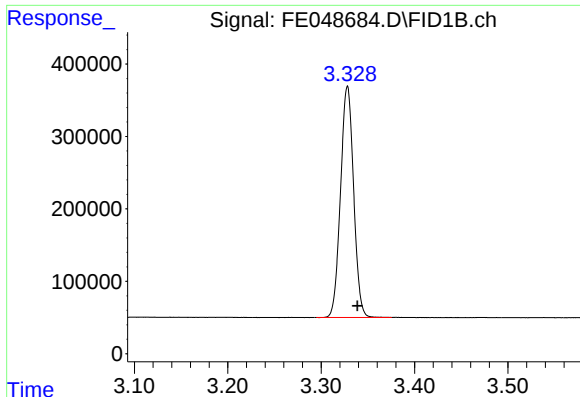
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.328 min
Delta R.T.: -0.011 min
Response: 3108464
Conc: 20.79 ug/ml

Instrument :

FID_E

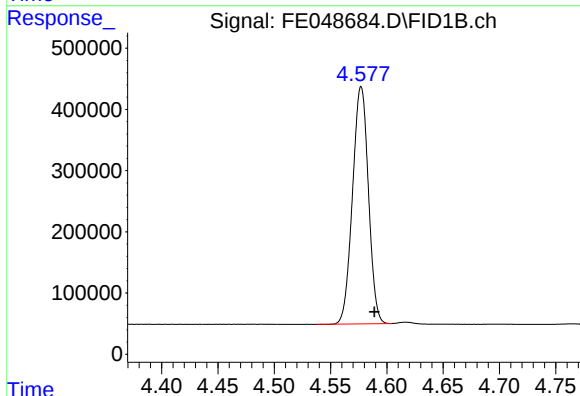
ClientSampleId :

INT-PE5MSD

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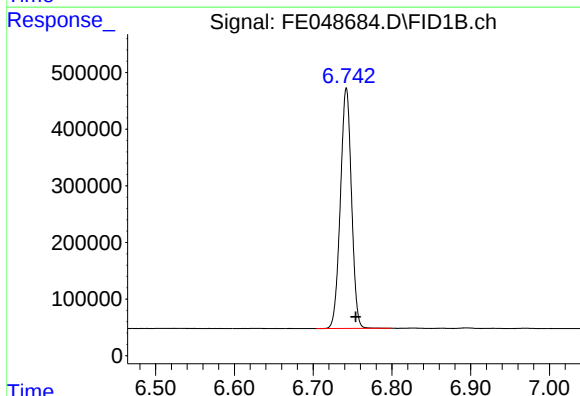
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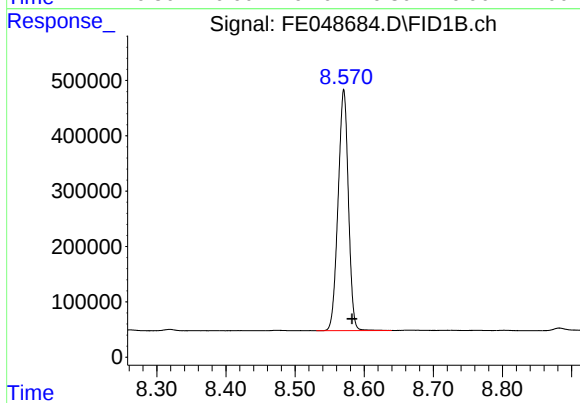
#2 n-Decane (C10)

R.T.: 4.577 min
Delta R.T.: -0.012 min
Response: 3810257
Conc: 25.23 ug/ml



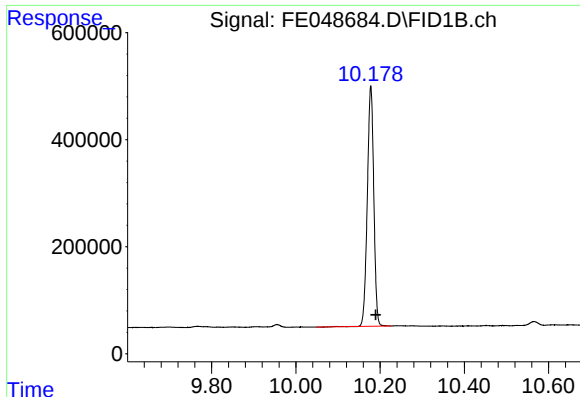
#4 n-Dodecane (C12)

R.T.: 6.742 min
Delta R.T.: -0.012 min
Response: 4154926
Conc: 28.07 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.571 min
Delta R.T.: -0.012 min
Response: 4503864
Conc: 31.75 ug/ml



#7 n-Hexadecane (C16)

R.T.: 10.178 min
Delta R.T.: -0.011 min
Response: 4771376
Conc: 33.84 ug/ml

Instrument :

FID_E

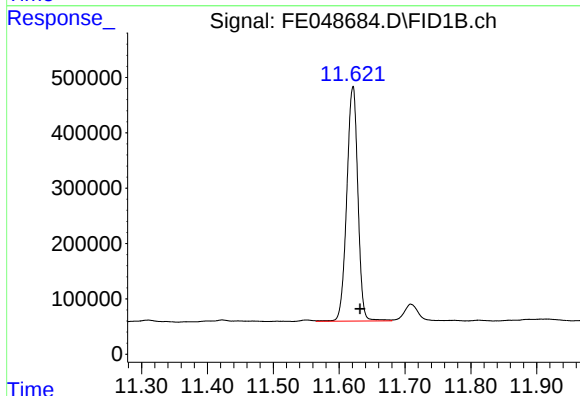
ClientSampleId :

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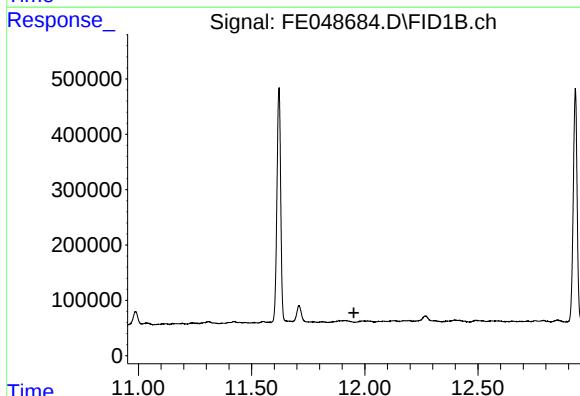
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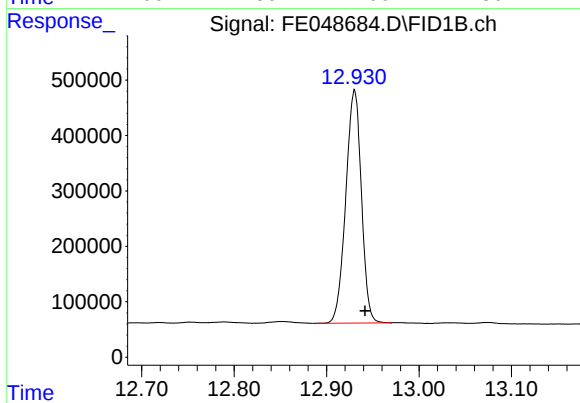
#8 n-Octadecane (C18)

R.T.: 11.621 min
Delta R.T.: -0.011 min
Response: 4958247
Conc: 35.70 ug/ml



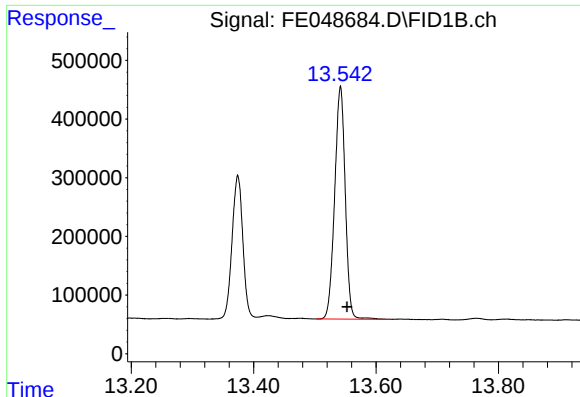
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.952 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.930 min
Delta R.T.: -0.011 min
Response: 4931901
Conc: 37.27 ug/ml



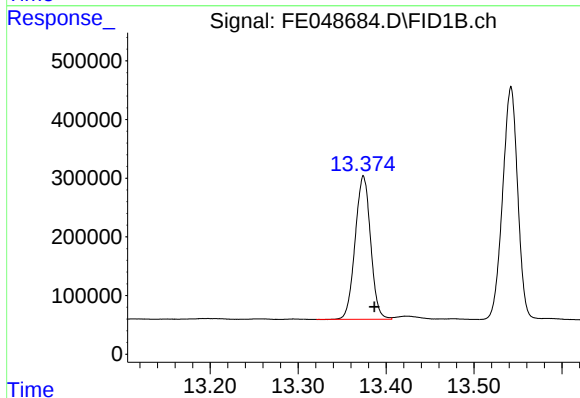
#11 n-Heneicosane (C21)

R.T.: 13.542 min
Delta R.T.: -0.011 min
Response: 4758946
Conc: 36.74 ug/ml

Instrument :
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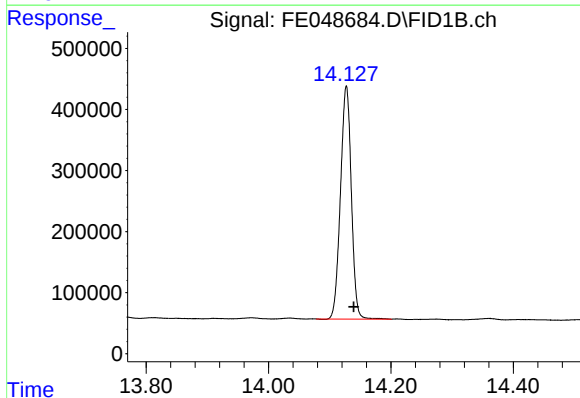
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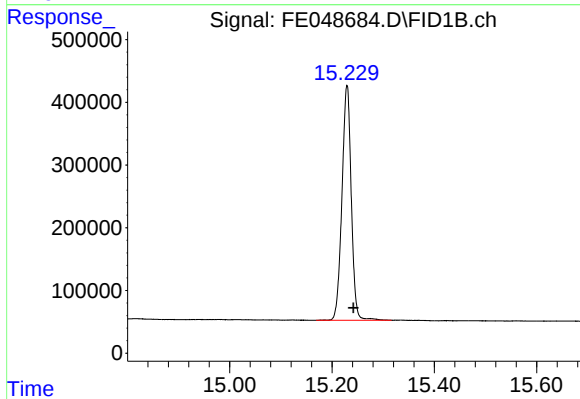
#12 1-chlorooctadecane (SURR)

R.T.: 13.374 min
Delta R.T.: -0.013 min
Response: 2985511
Conc: 27.40 ug/ml



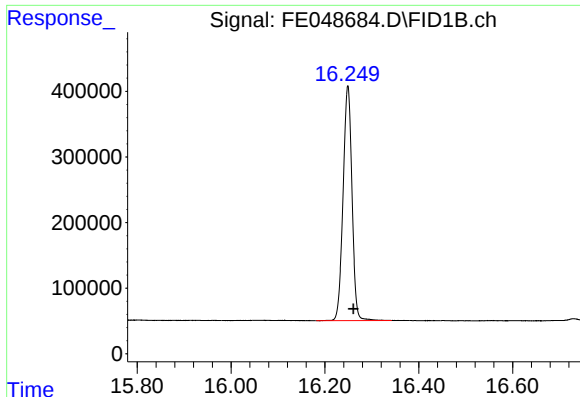
#13 n-Docosane (C22)

R.T.: 14.127 min
Delta R.T.: -0.012 min
Response: 4697388
Conc: 36.45 ug/ml



#14 n-Tetracosane (C24)

R.T.: 15.229 min
Delta R.T.: -0.012 min
Response: 4734382
Conc: 36.54 ug/ml



#15 n-Hexacosane (C26)

R.T.: 16.249 min
Delta R.T.: -0.012 min
Response: 4720052
Conc: 36.42 ug/ml

Instrument :

FID_E

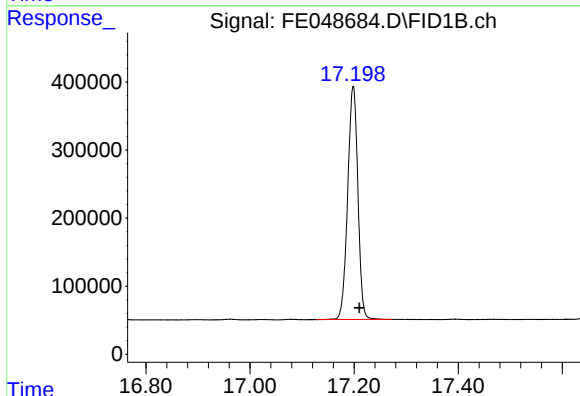
ClientSampleId :

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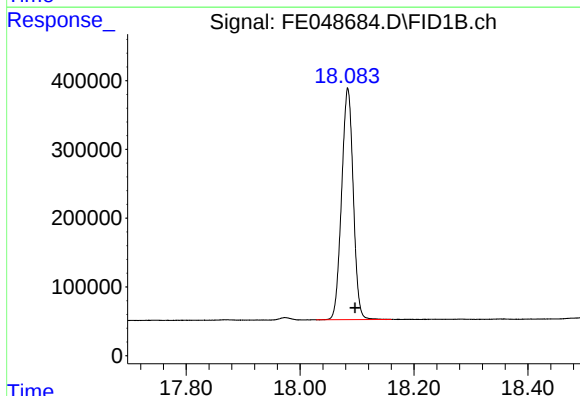
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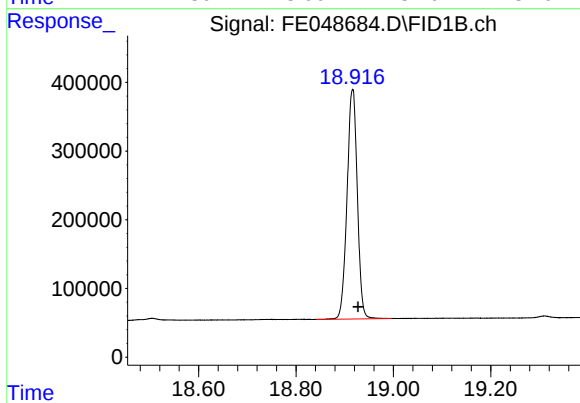
#16 n-Octacosane (C28)

R.T.: 17.198 min
Delta R.T.: -0.012 min
Response: 4670530
Conc: 36.13 ug/ml



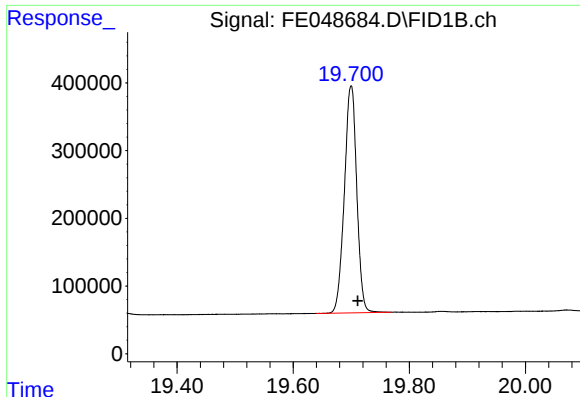
#17 n-Tricontane (C30)

R.T.: 18.084 min
Delta R.T.: -0.013 min
Response: 4771005
Conc: 35.61 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.916 min
Delta R.T.: -0.011 min
Response: 4901260
Conc: 36.11 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.700 min
Delta R.T.: -0.011 min
Response: 4978040
Conc: 36.39 ug/ml

Instrument :

FID_E

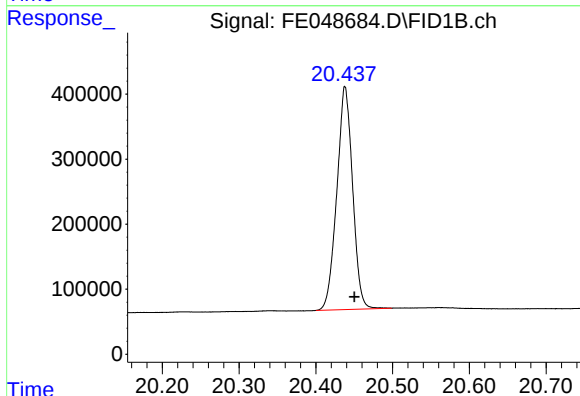
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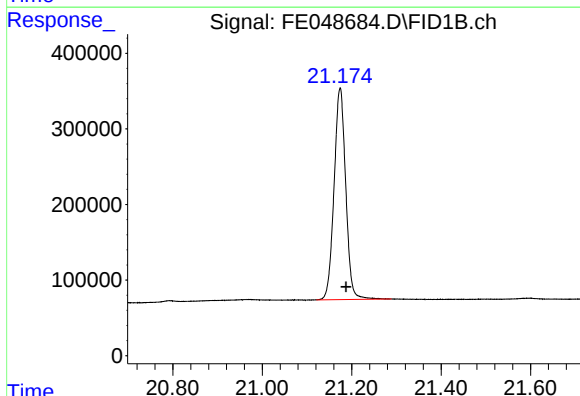
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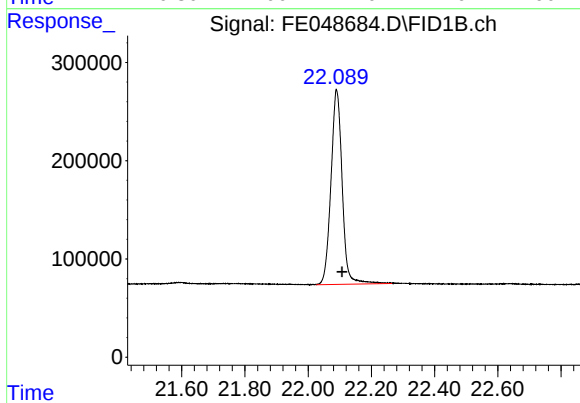
#20 n-Hexatriacontane (C36)

R.T.: 20.438 min
Delta R.T.: -0.012 min
Response: 4896159
Conc: 36.02 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.174 min
Delta R.T.: -0.013 min
Response: 5058303
Conc: 37.09 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.089 min
Delta R.T.: -0.019 min
Response: 4885476
Conc: 35.68 ug/ml m