

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062822AL\
 Data File : FE036276.D
 Signal(s) : FID1B.ch
 Acq On : 28 Jun 2022 23:21
 Operator : YP\AJ
 Sample : N3514-03MSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 WC-14B-10-GRMSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/29/2022
 Supervised By :Ankita Jodhani 06/29/2022

Integration File: autoint1.e
 Quant Time: Jun 29 08:13:14 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062022.M
 Quant Title : GC Extractables
 QLast Update : Tue Jun 21 03:08:45 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...	13.319	5741390	37.085 ug/mlm
Spiked Amount 50.000		Recovery =	74.17%
Target Compounds			
1) T n-Nonane (C9)	3.267	6579546	36.581 ug/ml
2) T n-Decane (C10)	4.522	6595082	36.688 ug/mlm
4) T n-Dodecane (C12)	6.693	8043614	43.427 ug/mlm
6) T n-Tetradecane (C14)	8.521	9585990	51.275 ug/mlm
7) T n-Hexadecane (C16)	10.128	10045404	53.641 ug/mlm
8) T n-Octadecane (C18)	11.570	10774068	57.912 ug/mlm
10) T n-Eicosane (C20)	12.874	10176491	56.173 ug/mlm
11) T n-Heneicosane (C21)	13.488	9315418	51.859 ug/mlm
13) T n-Docosane (C22)	14.073	9383224	53.073 ug/mlm
14) T n-Tetracosane (C24)	15.175	9375205	54.738 ug/ml
15) T n-Hexacosane (C26)	16.195	8882455	53.761 ug/mlm
16) T n-Octacosane (C28)	17.145	8583690	53.623 ug/ml
17) T n-Tricontane (C30)	18.032	8284413	53.510 ug/ml
18) T n-Dotriacontane (C32)	18.865	8266405	56.566 ug/ml
19) T n-Tetratriacontane (C34)	19.648	8102137	58.549 ug/ml
20) T n-Hexatriacontane (C36)	20.388	7726347	57.553 ug/ml
21) T n-Octatriacontane (C38)	21.117	7701481	57.910 ug/mlm
22) T n-Tetracontane (C40)	22.016	8017573	57.339 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 20 Sample Multiplier: 1

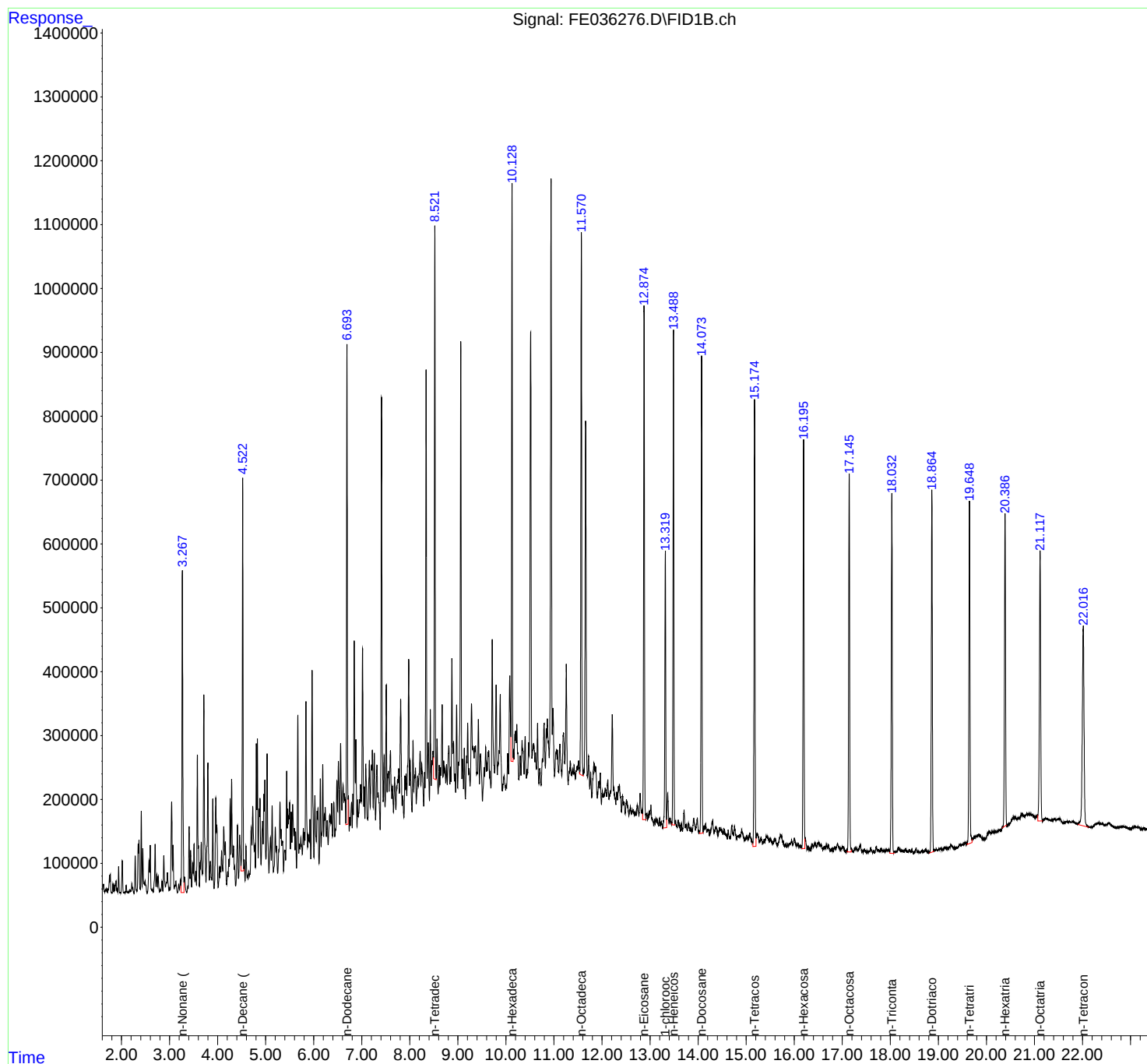
Instrument :
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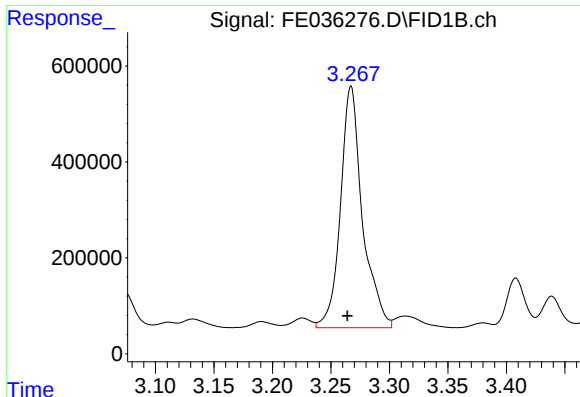
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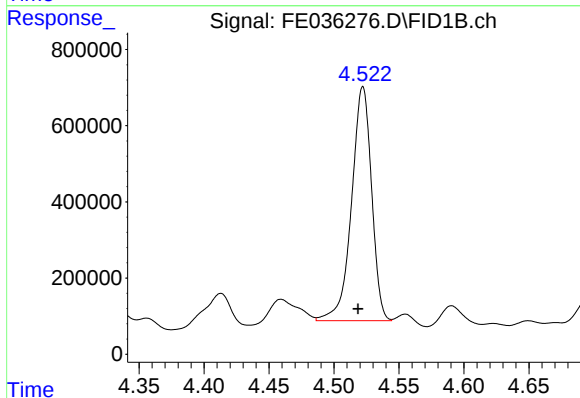
#1 n-Nonane (C9)

R.T.: 3.267 min
Delta R.T.: 0.003 min
Response: 6579546
Conc: 36.58 ug/ml

Instrument :
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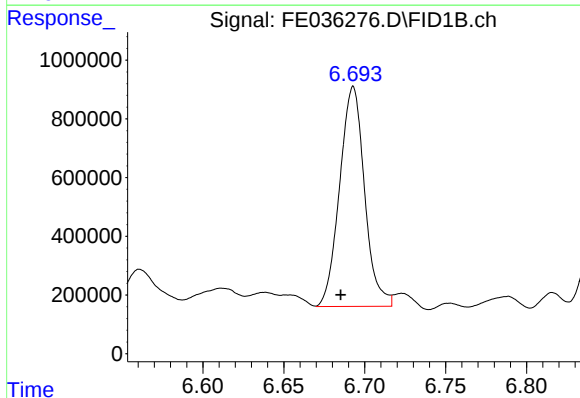
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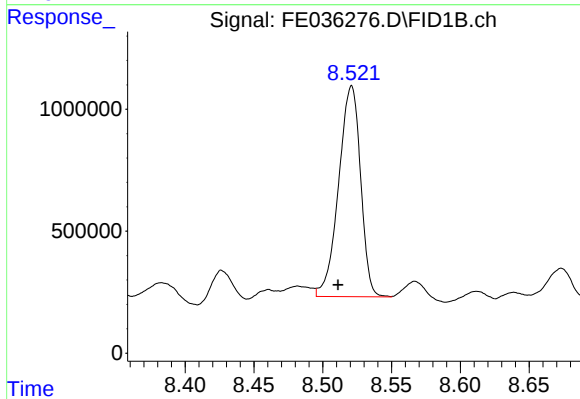
#2 n-Decane (C10)

R.T.: 4.522 min
Delta R.T.: 0.003 min
Response: 6595082
Conc: 36.69 ug/ml m



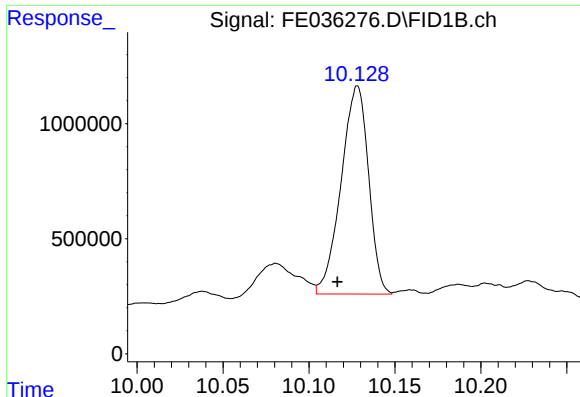
#4 n-Dodecane (C12)

R.T.: 6.693 min
Delta R.T.: 0.007 min
Response: 8043614
Conc: 43.43 ug/ml m



#6 n-Tetradecane (C14)

R.T.: 8.521 min
Delta R.T.: 0.010 min
Response: 9585990
Conc: 51.27 ug/ml m



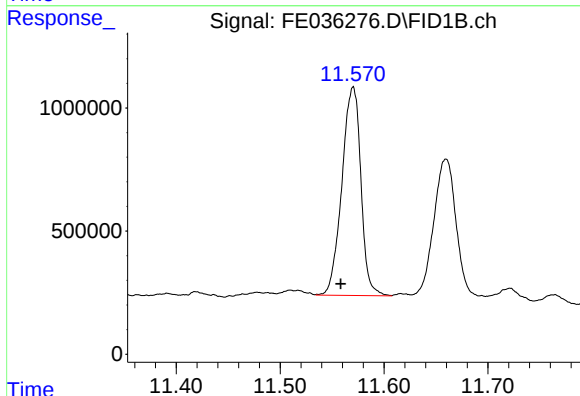
#7 n-Hexadecane (C16)

R.T.: 10.128 min
Delta R.T.: 0.011 min
Response: 10045404
Conc: 53.64 ug/ml

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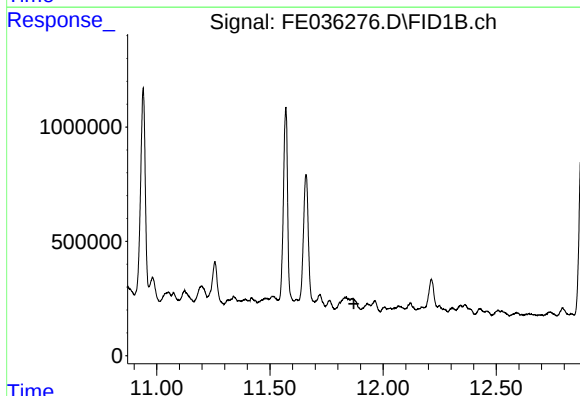
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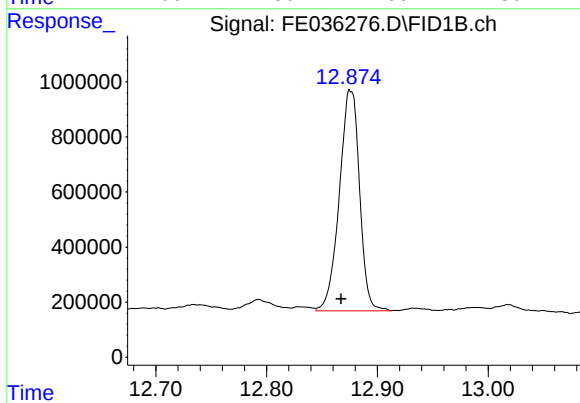
#8 n-Octadecane (C18)

R.T.: 11.570 min
Delta R.T.: 0.012 min
Response: 10774068
Conc: 57.91 ug/ml m



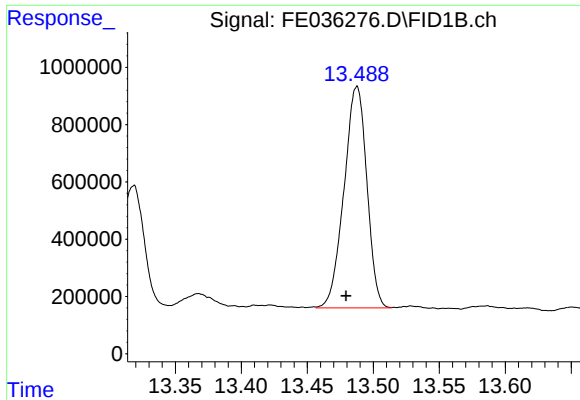
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.871 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.874 min
Delta R.T.: 0.007 min
Response: 10176491
Conc: 56.17 ug/ml m



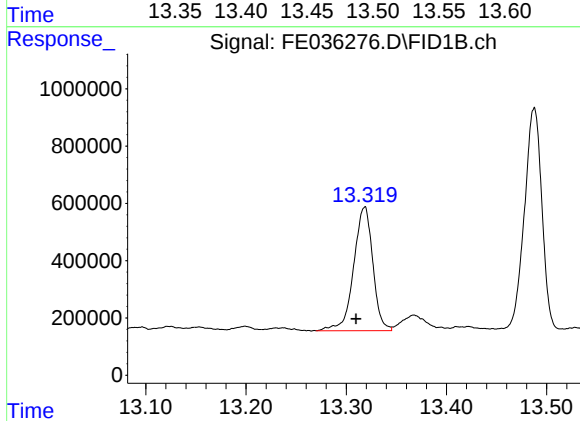
#11 n-Heneicosane (C21)

R.T.: 13.488 min
Delta R.T.: 0.008 min
Response: 9315418
Conc: 51.86 ug/ml

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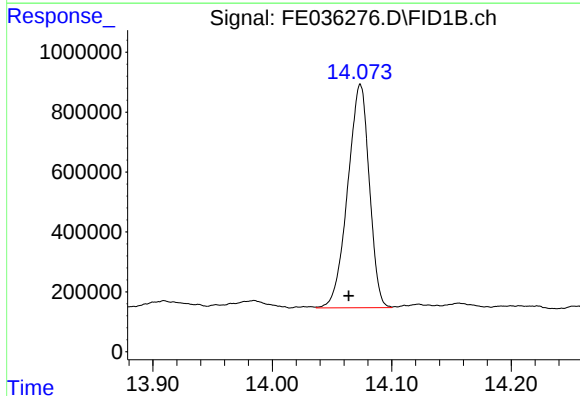
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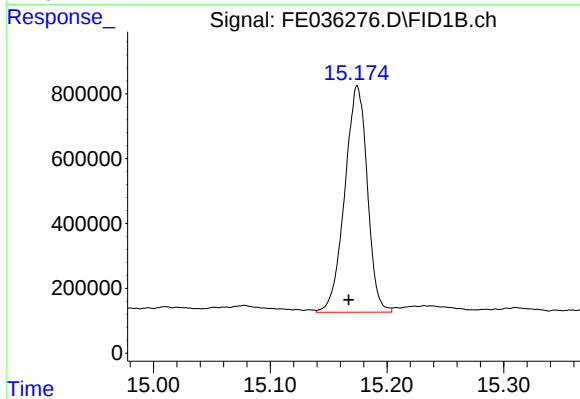
#12 1-chlorooctadecane (SURR)

R.T.: 13.319 min
Delta R.T.: 0.009 min
Response: 5741390
Conc: 37.08 ug/ml m



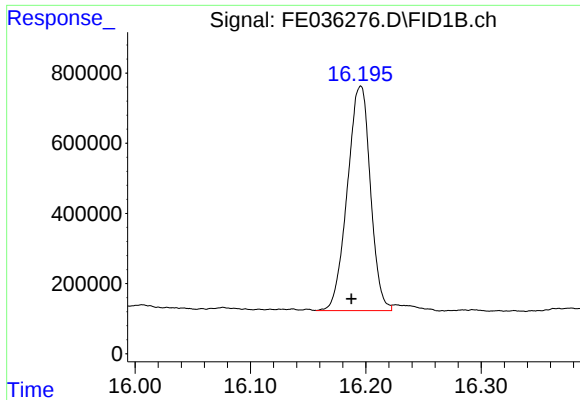
#13 n-Docosane (C22)

R.T.: 14.073 min
Delta R.T.: 0.009 min
Response: 9383224
Conc: 53.07 ug/ml m



#14 n-Tetracosane (C24)

R.T.: 15.175 min
Delta R.T.: 0.008 min
Response: 9375205
Conc: 54.74 ug/ml



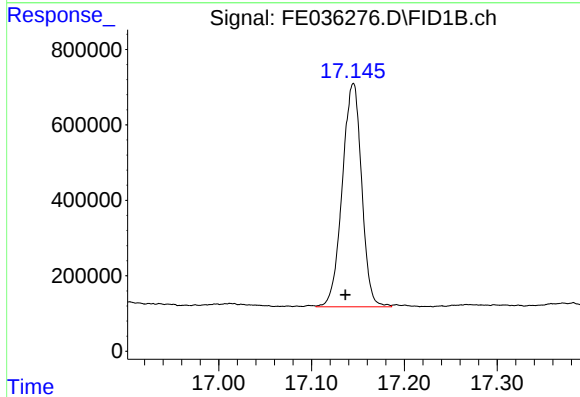
#15 n-Hexacosane (C26)

R.T.: 16.195 min
Delta R.T.: 0.008 min
Response: 8882455
Conc: 53.76 ug/ml

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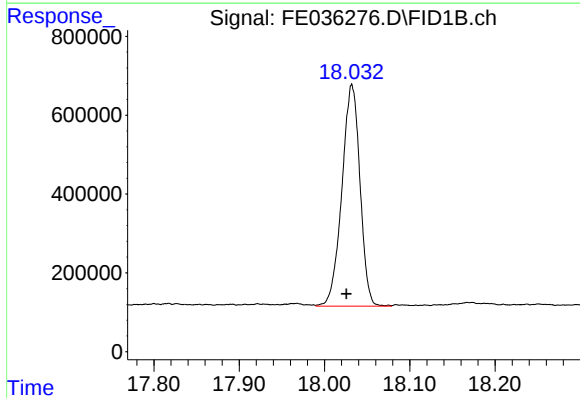
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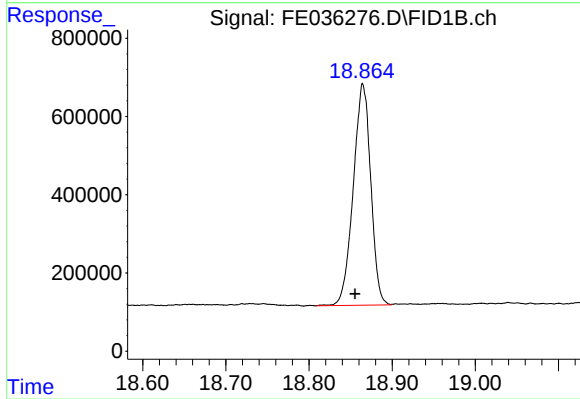
#16 n-Octacosane (C28)

R.T.: 17.145 min
Delta R.T.: 0.008 min
Response: 8583690
Conc: 53.62 ug/ml



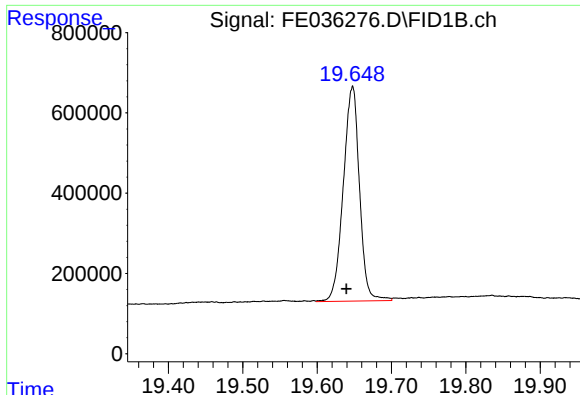
#17 n-Tricontane (C30)

R.T.: 18.032 min
Delta R.T.: 0.007 min
Response: 8284413
Conc: 53.51 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.865 min
Delta R.T.: 0.009 min
Response: 8266405
Conc: 56.57 ug/ml



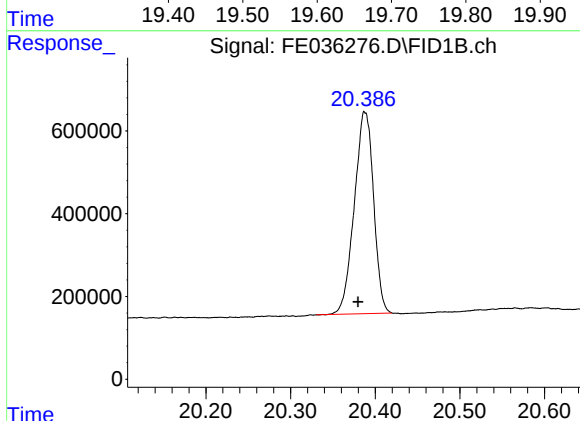
#19 n-Tetratriacontane (C34)

R.T.: 19.648 min
Delta R.T.: 0.008 min
Response: 8102137
Conc: 58.55 ug/ml

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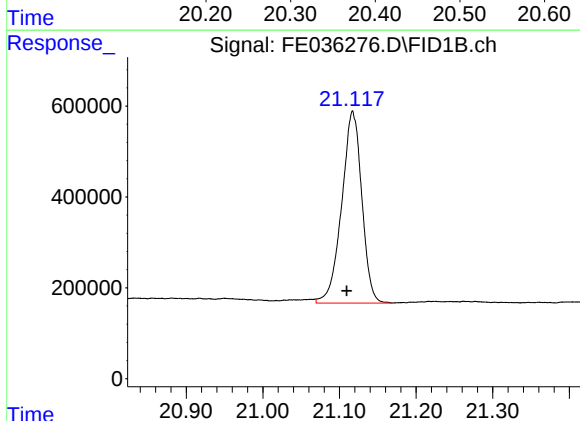
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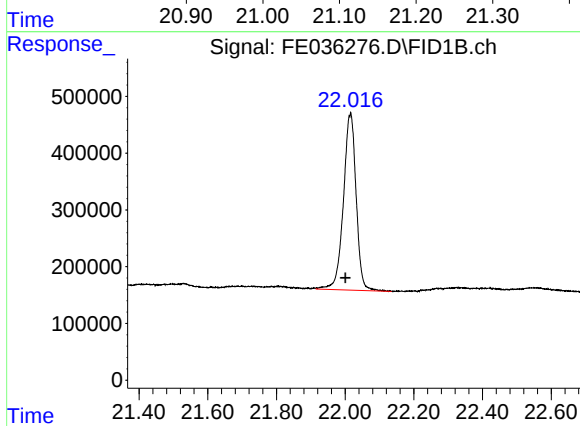
#20 n-Hexatriacontane (C36)

R.T.: 20.388 min
Delta R.T.: 0.008 min
Response: 7726347
Conc: 57.55 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.117 min
Delta R.T.: 0.007 min
Response: 7701481
Conc: 57.91 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 22.016 min
Delta R.T.: 0.015 min
Response: 8017573
Conc: 57.34 ug/ml