

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE082422AL\
 Data File : FE037236.D
 Signal(s) : FID1B.ch
 Acq On : 24 Aug 2022 22:36
 Operator : YP\AJ
 Sample : PB147236BS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB147236BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/25/2022
 Supervised By :Ankita Jodhani 08/25/2022

Integration File: autoint1.e
 Quant Time: Aug 25 02:00:04 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 082322.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 25 01:38:38 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...	13.096	6200659	45.383 ug/ml
Spiked Amount 50.000		Recovery =	90.77%
Target Compounds			
1) T n-Nonane (C9)	3.063	3410573	22.893 ug/ml
2) T n-Decane (C10)	4.320	4255646	28.410 ug/ml
4) T n-Dodecane (C12)	6.491	5230521	33.834 ug/ml
6) T n-Tetradecane (C14)	9.912	6542152	41.594 ug/ml
7) T n-Hexadecane (C16)	9.912	6542152	41.594 ug/ml
8) T n-Octadecane (C18)	11.348	6950450	43.127 ug/ml
10) T n-Eicosane (C20)	12.653	6762854	41.073 ug/ml
11) T n-Heneicosane (C21)	13.260	6721856	40.638 ug/ml
13) T n-Docosane (C22)	13.845	6623819	39.874 ug/ml
14) T n-Tetracosane (C24)	14.941	6412734	38.846 ug/ml
15) T n-Hexacosane (C26)	15.958	6147352	37.703 ug/ml
16) T n-Octacosane (C28)	16.903	5904315	37.185 ug/ml
17) T n-Tricontane (C30)	17.785	5716213	36.804 ug/ml
18) T n-Dotriacontane (C32)	18.615	5635253	37.779 ug/ml
19) T n-Tetratriacontane (C34)	19.393	5512101	41.024 ug/ml
20) T n-Hexatriacontane (C36)	20.129	5549215	43.225 ug/ml
21) T n-Octatriacontane (C38)	20.830	5256768	43.789 ug/ml
22) T n-Tetracontane (C40)	21.620	5430949	44.966 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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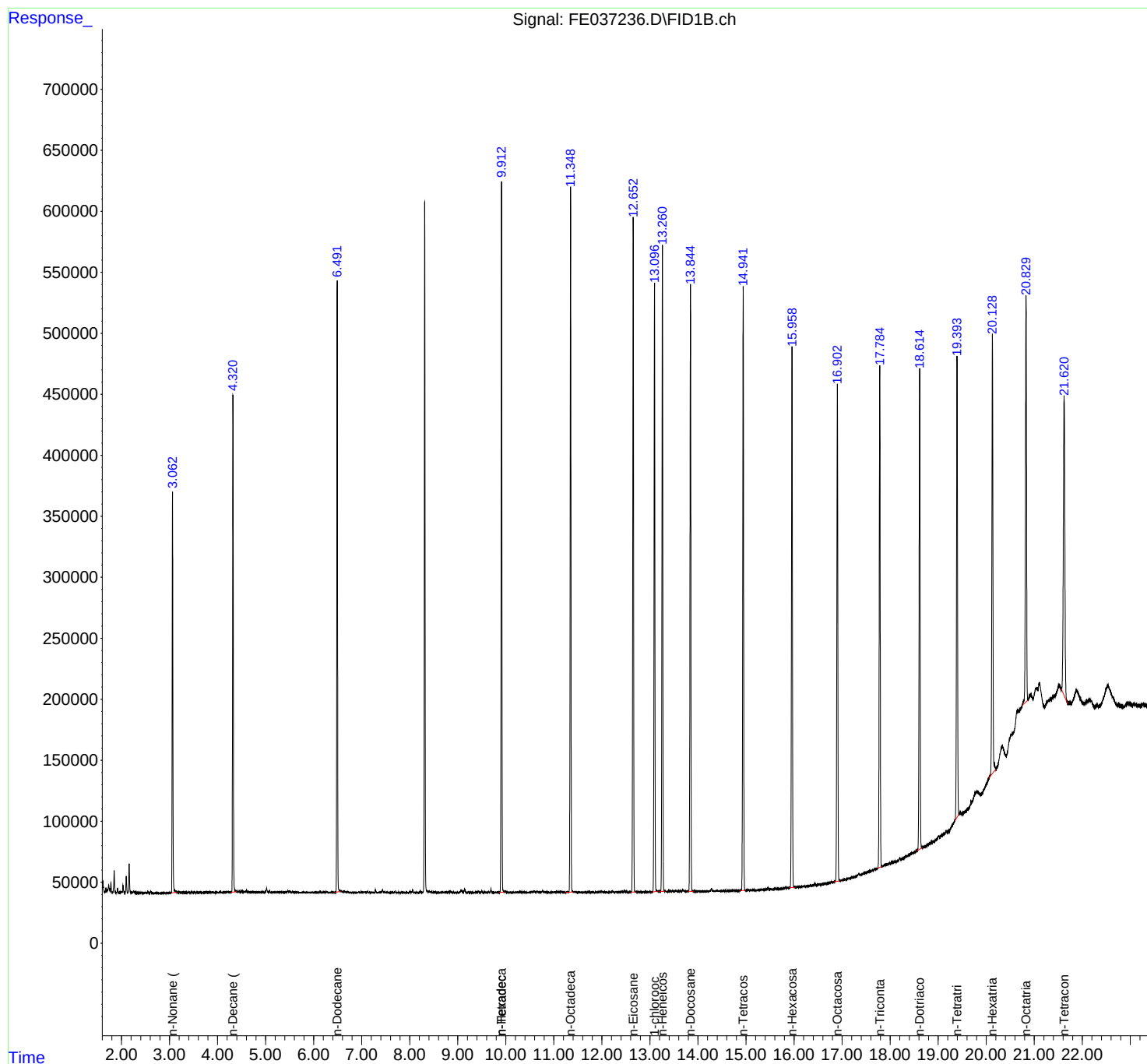
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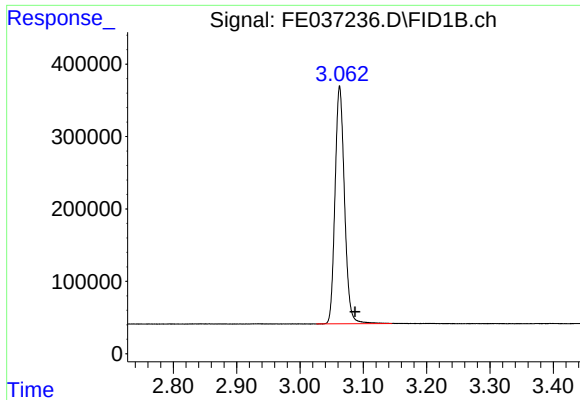
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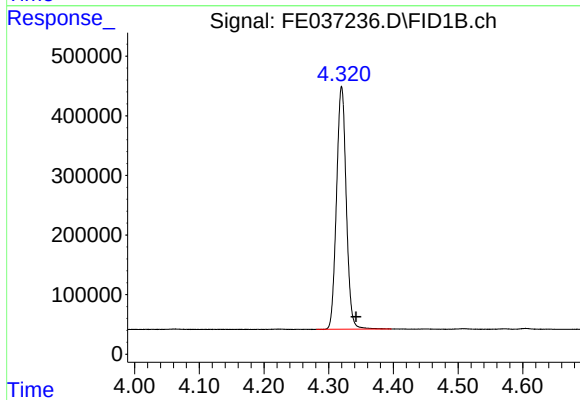
#1 n-Nonane (C9)

R.T.: 3.063 min
Delta R.T.: -0.024 min
Response: 3410573
Conc: 22.89 ug/ml

Instrument :
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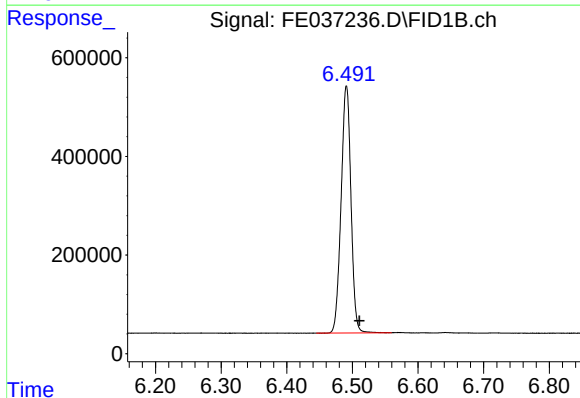
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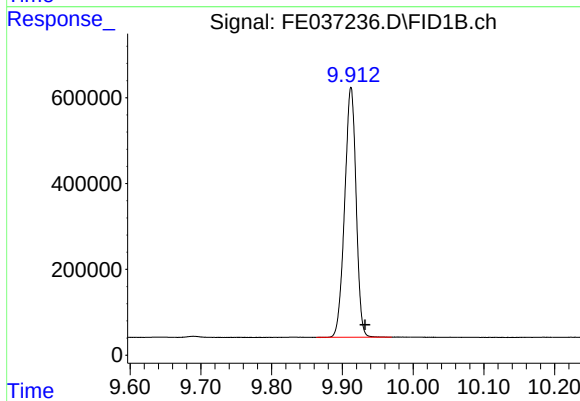
#2 n-Decane (C10)

R.T.: 4.320 min
Delta R.T.: -0.022 min
Response: 4255646
Conc: 28.41 ug/ml



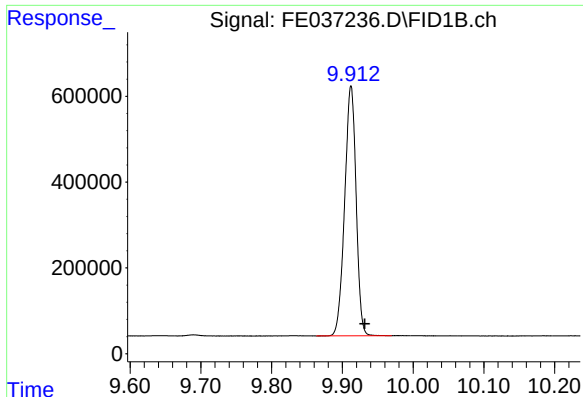
#4 n-Dodecane (C12)

R.T.: 6.491 min
Delta R.T.: -0.020 min
Response: 5230521
Conc: 33.83 ug/ml



#6 n-Tetradecane (C14)

R.T.: 9.912 min
Delta R.T.: -0.020 min
Response: 6542152
Conc: 41.59 ug/ml



#7 n-Hexadecane (C16)

R.T.: 9.912 min
Delta R.T.: -0.019 min
Response: 6542152
Conc: 41.59 ug/ml

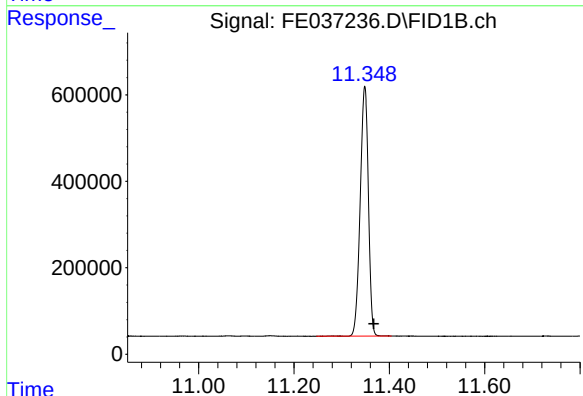
Instrument :

FID_E

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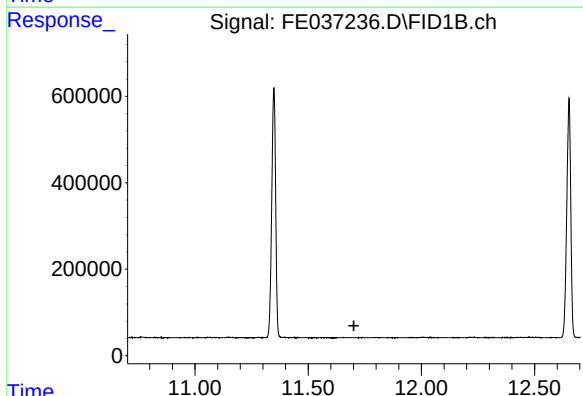
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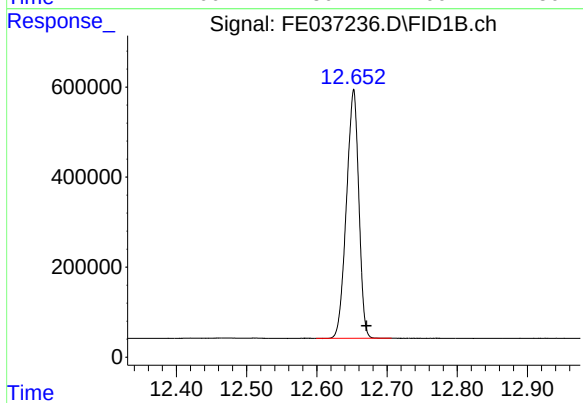
#8 n-Octadecane (C18)

R.T.: 11.348 min
Delta R.T.: -0.019 min
Response: 6950450
Conc: 43.13 ug/ml



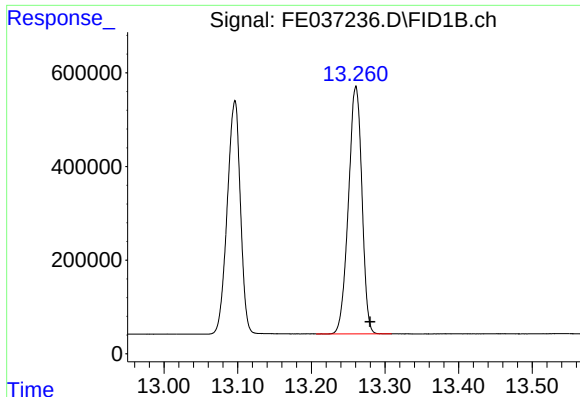
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.702 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.653 min
Delta R.T.: -0.018 min
Response: 6762854
Conc: 41.07 ug/ml



#11 n-Heneicosane (C21)

R.T.: 13.260 min
Delta R.T.: -0.019 min
Response: 6721856
Conc: 40.64 ug/ml

Instrument :

FID_E

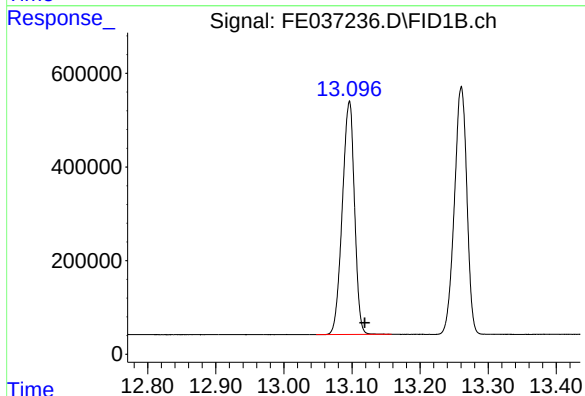
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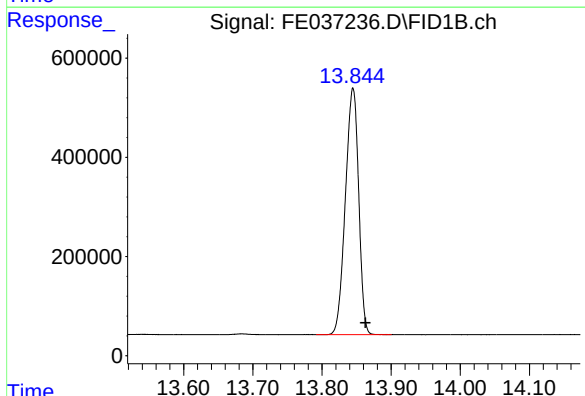
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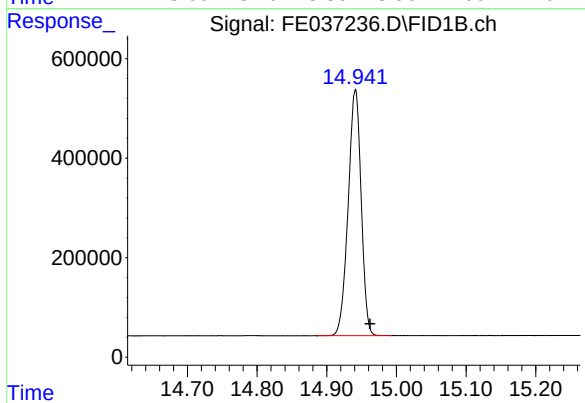
#12 1-chlorooctadecane (SURR)

R.T.: 13.096 min
Delta R.T.: -0.022 min
Response: 6200659
Conc: 45.38 ug/ml



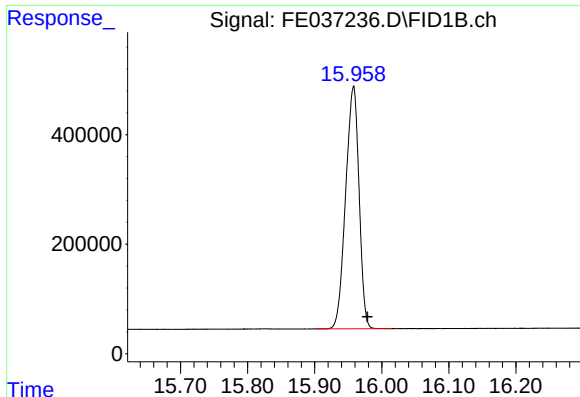
#13 n-Docosane (C22)

R.T.: 13.845 min
Delta R.T.: -0.018 min
Response: 6623819
Conc: 39.87 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.941 min
Delta R.T.: -0.021 min
Response: 6412734
Conc: 38.85 ug/ml



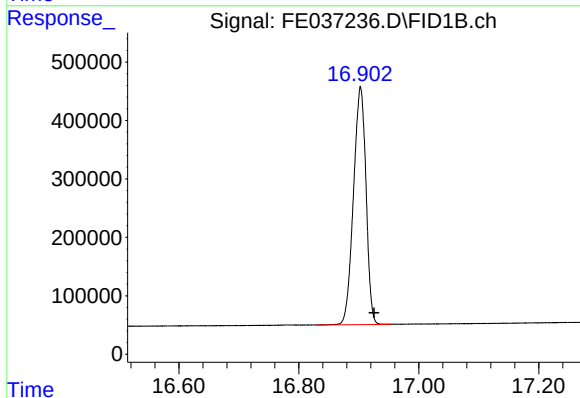
#15 n-Hexacosane (C26)

R.T.: 15.958 min
Delta R.T.: -0.021 min
Response: 6147352
Conc: 37.70 ug/ml

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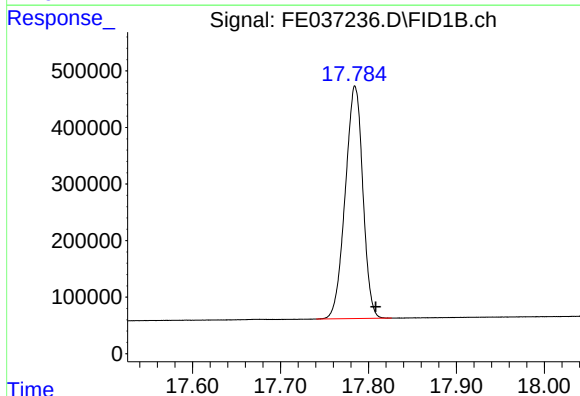
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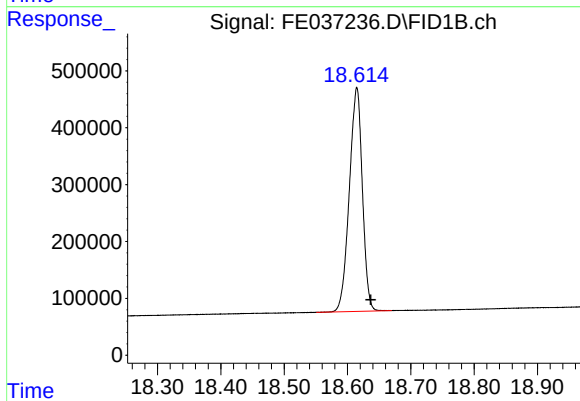
#16 n-Octacosane (C28)

R.T.: 16.903 min
Delta R.T.: -0.023 min
Response: 5904315
Conc: 37.18 ug/ml



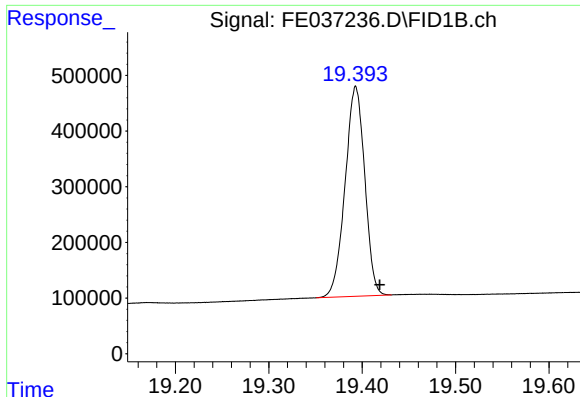
#17 n-Tricontane (C30)

R.T.: 17.785 min
Delta R.T.: -0.023 min
Response: 5716213
Conc: 36.80 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.615 min
Delta R.T.: -0.022 min
Response: 5635253
Conc: 37.78 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.393 min
Delta R.T.: -0.026 min
Response: 5512101
Conc: 41.02 ug/ml

Instrument :

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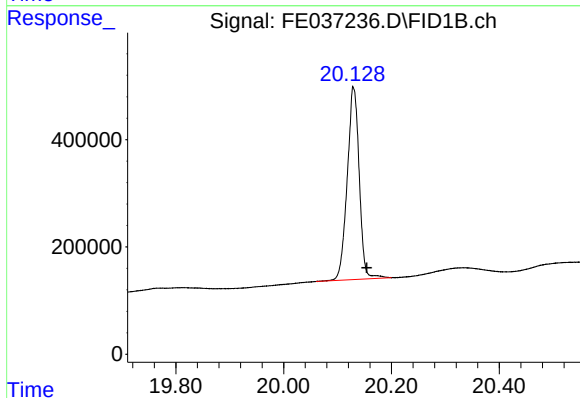
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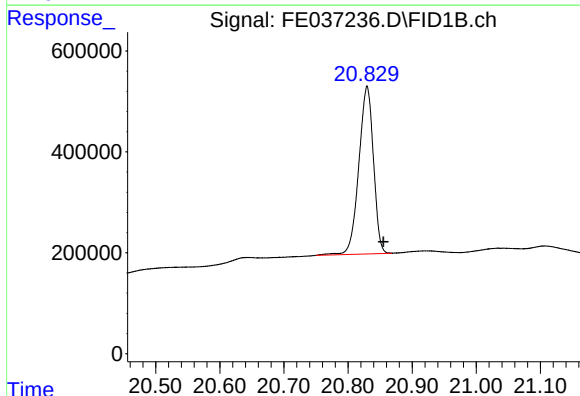
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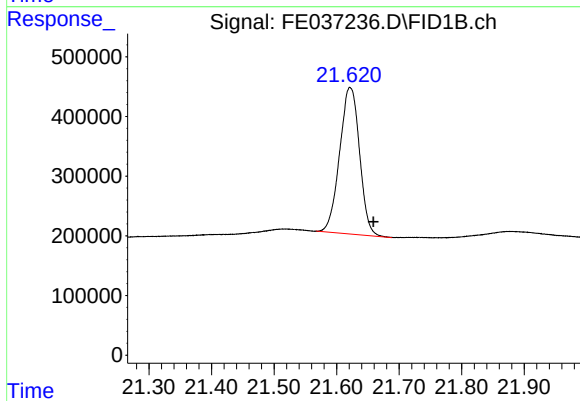
#20 n-Hexatriacontane (C36)

R.T.: 20.129 min
Delta R.T.: -0.025 min
Response: 5549215
Conc: 43.22 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.830 min
Delta R.T.: -0.025 min
Response: 5256768
Conc: 43.79 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.620 min
Delta R.T.: -0.039 min
Response: 5430949
Conc: 44.97 ug/ml m