

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE121523AL\
 Data File : FE045871.D
 Signal(s) : FID1B.ch
 Acq On : 15 Dec 2023 20:03
 Operator : YP\AJ
 Sample : 05833-01MSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 351MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/18/2023
 Supervised By :Ankita Jodhani 12/18/2023

Integration File: autoint1.e
 Quant Time: Dec 15 22:37:30 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 113023.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 30 12:25:07 2023
 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			
9) S ortho-Terphenyl (SURR)	11.839	7253958	34.689 ug/ml
Spiked Amount 50.000		Recovery =	69.38%
12) S 1-chlorooctadecane (S...	13.281	5611156	35.661 ug/ml
Spiked Amount 50.000		Recovery =	71.32%
Target Compounds			
1) T n-Nonane (C9)	3.231	5038501	31.773 ug/ml
2) T n-Decane (C10)	4.481	5771711	36.043 ug/mlm
3) T A~Naphthalene (C11.7)	6.179	6888359	39.544 ug/ml
4) T n-Dodecane (C12)	6.647	6513814	40.326 ug/ml
5) T A~2-methylnaphthalene...	7.275	7079911	41.691 ug/ml
6) T n-Tetradecane (C14)	8.475	7135160	44.477 ug/ml
7) T n-Hexadecane (C16)	10.083	7616236	45.993 ug/ml
8) T n-Octadecane (C18)	11.528	7837644	45.714 ug/ml
10) T n-Eicosane (C20)	12.839	7836457	45.292 ug/ml
11) T n-Heneicosane (C21)	13.451	7434500	43.216 ug/ml
13) T n-Docosane (C22)	14.038	7354372	42.653 ug/ml
14) T n-Tetracosane (C24)	15.126	14349662	82.196 ug/mlm
15) T n-Hexacosane (C26)	16.168	6957469	39.950 ug/ml
16) T n-Octacosane (C28)	17.116	6970796	40.332 ug/ml
17) T n-Tricontane (C30)	18.009	6917456	39.540 ug/ml
18) T n-Dotriacontane (C32)	18.841	6848165	37.537 ug/ml
19) T n-Tetratriacontane (C34)	19.628	6782075	40.873 ug/ml
20) T n-Hexatriacontane (C36)	20.370	6763838	42.610 ug/ml
21) T n-Octatriacontane (C38)	21.101	6916896	44.107 ug/mlm
22) T n-Tetracontane (C40)	21.997	7342399	51.665 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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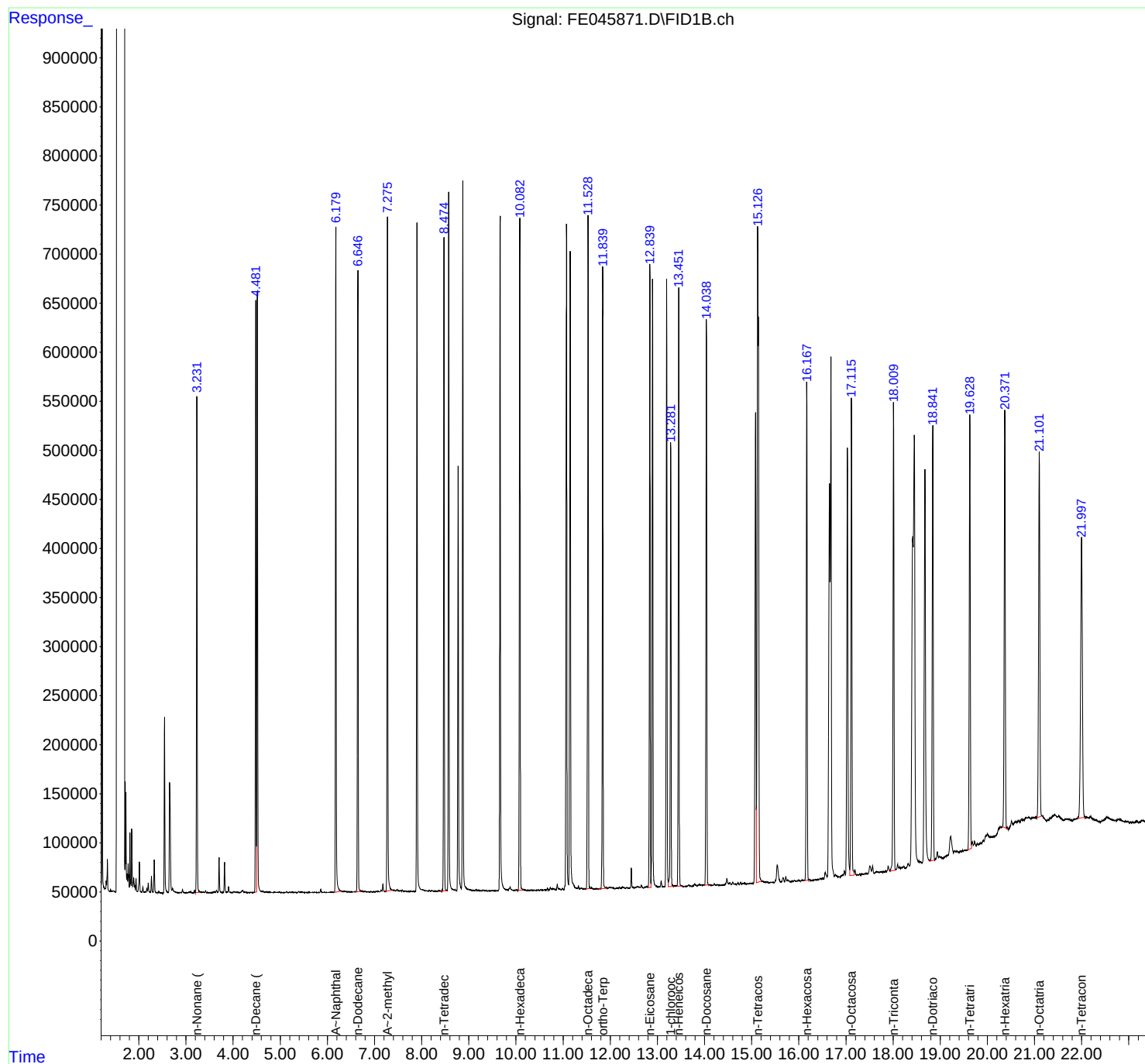
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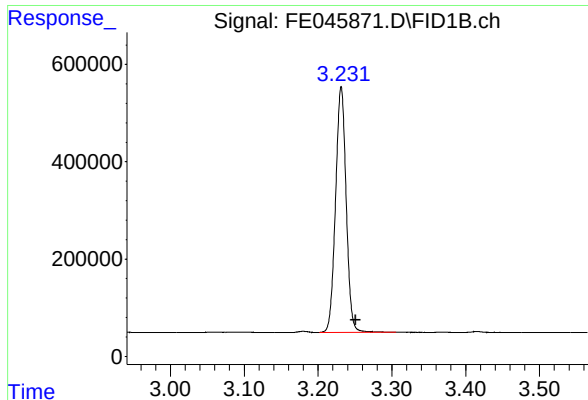
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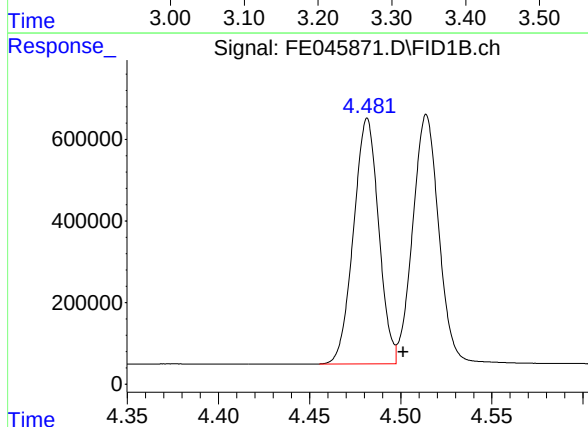
#1 n-Nonane (C9)

R.T.: 3.231 min
Delta R.T.: -0.020 min
Response: 5038501
Conc: 31.77 ug/ml

Instrument :
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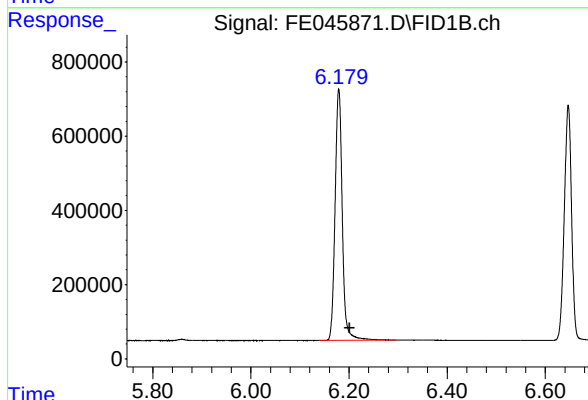
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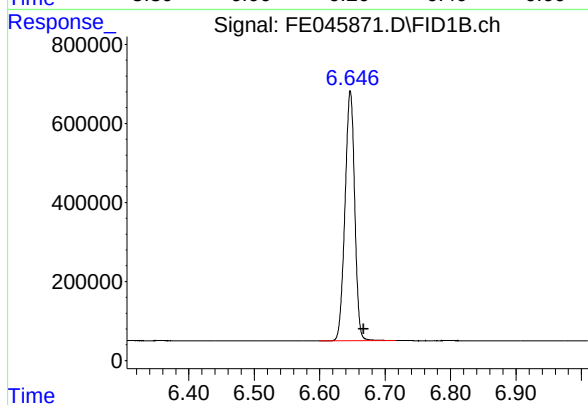
#2 n-Decane (C10)

R.T.: 4.481 min
Delta R.T.: -0.020 min
Response: 5771711
Conc: 36.04 ug/ml



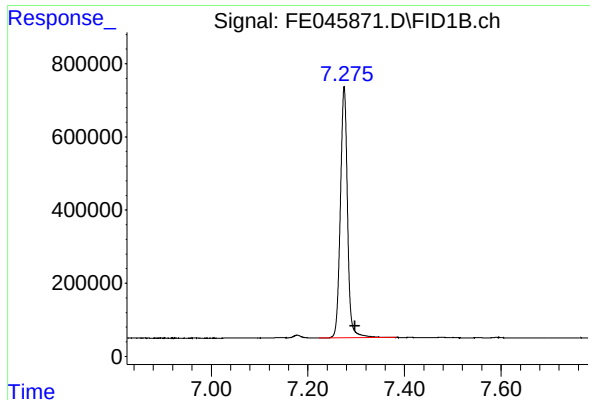
#3 A~Naphthalene (C11.7)

R.T.: 6.179 min
Delta R.T.: -0.022 min
Response: 6888359
Conc: 39.54 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.647 min
Delta R.T.: -0.020 min
Response: 6513814
Conc: 40.33 ug/ml



#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.275 min
Delta R.T.: -0.022 min
Response: 7079911
Conc: 41.69 ug/ml

Instrument :

FID_E

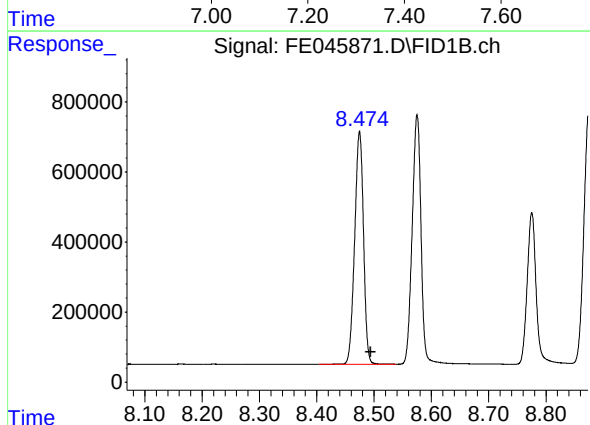
ClientSampleId :

351MSD

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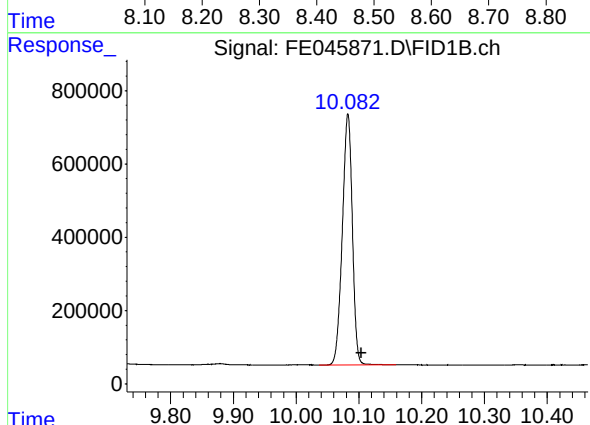
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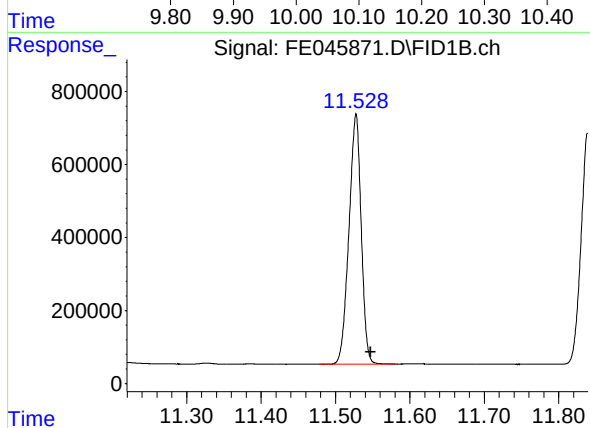
#6 n-Tetradecane (C14)

R.T.: 8.475 min
Delta R.T.: -0.019 min
Response: 7135160
Conc: 44.48 ug/ml



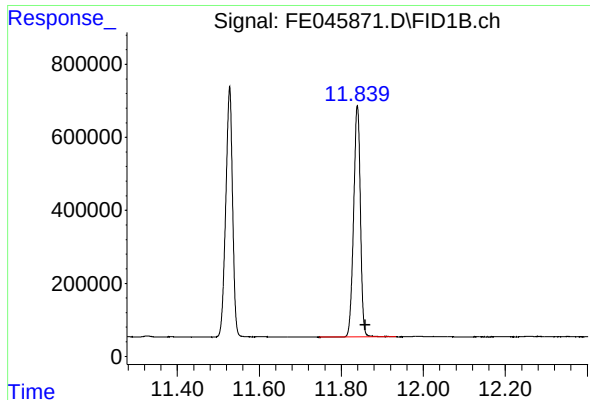
#7 n-Hexadecane (C16)

R.T.: 10.083 min
Delta R.T.: -0.021 min
Response: 7616236
Conc: 45.99 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.528 min
Delta R.T.: -0.020 min
Response: 7837644
Conc: 45.71 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.839 min
Delta R.T.: -0.020 min
Response: 7253958
Conc: 34.69 ug/ml

Instrument :

FID_E

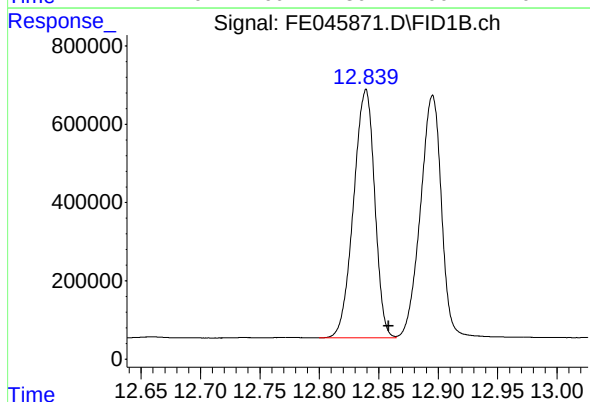
ClientSampleId :

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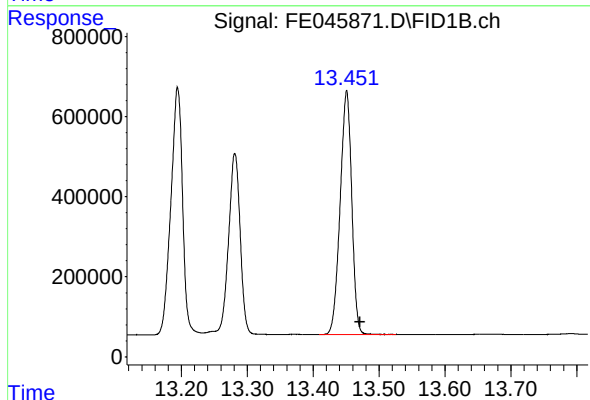
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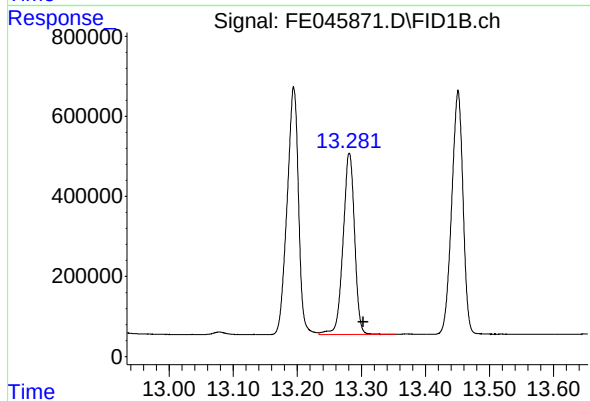
#10 n-Eicosane (C20)

R.T.: 12.839 min
Delta R.T.: -0.019 min
Response: 7836457
Conc: 45.29 ug/ml



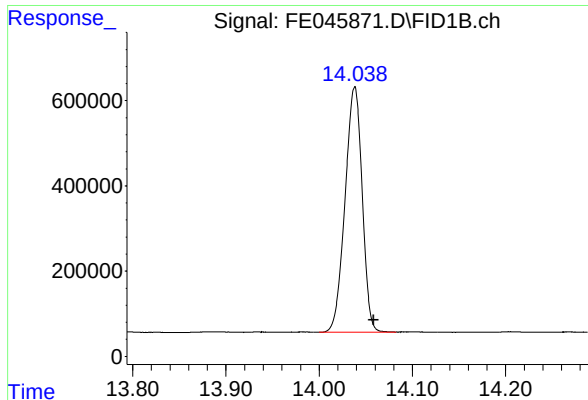
#11 n-Heneicosane (C21)

R.T.: 13.451 min
Delta R.T.: -0.020 min
Response: 7434500
Conc: 43.22 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.281 min
Delta R.T.: -0.022 min
Response: 5611156
Conc: 35.66 ug/ml



#13 n-Docosane (C22)

R.T.: 14.038 min
Delta R.T.: -0.020 min
Response: 7354372
Conc: 42.65 ug/ml

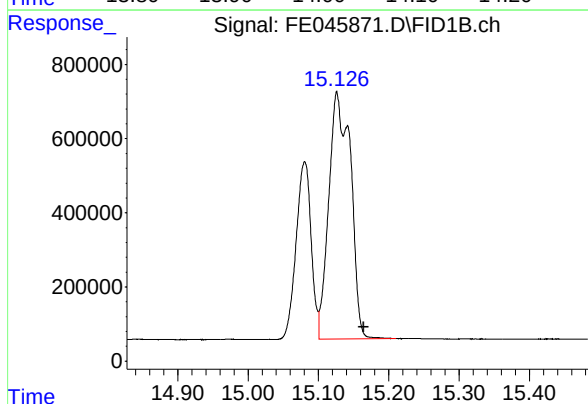
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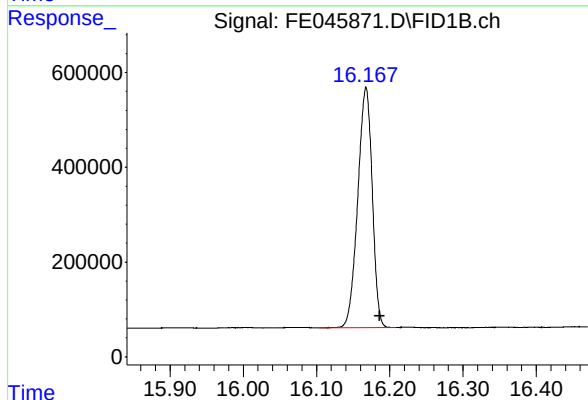
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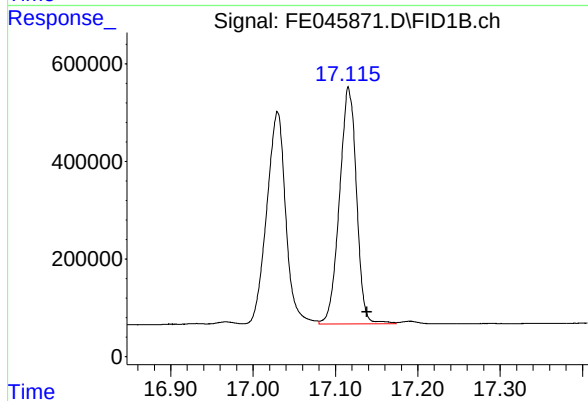
#14 n-Tetracosane (C24)

R.T.: 15.126 min
Delta R.T.: -0.038 min
Response: 14349662
Conc: 82.20 ug/ml m



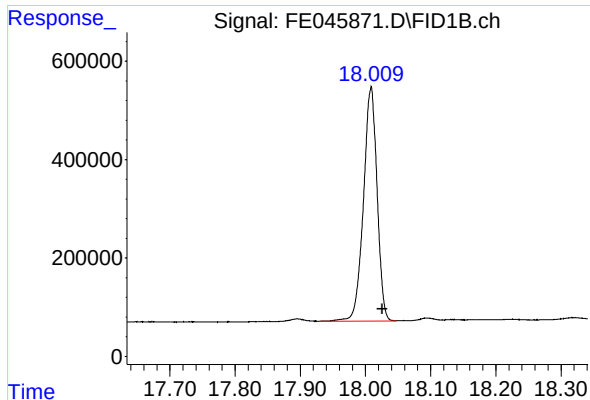
#15 n-Hexacosane (C26)

R.T.: 16.168 min
Delta R.T.: -0.018 min
Response: 6957469
Conc: 39.95 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.116 min
Delta R.T.: -0.022 min
Response: 6970796
Conc: 40.33 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.009 min
Delta R.T.: -0.018 min
Response: 6917456
Conc: 39.54 ug/ml

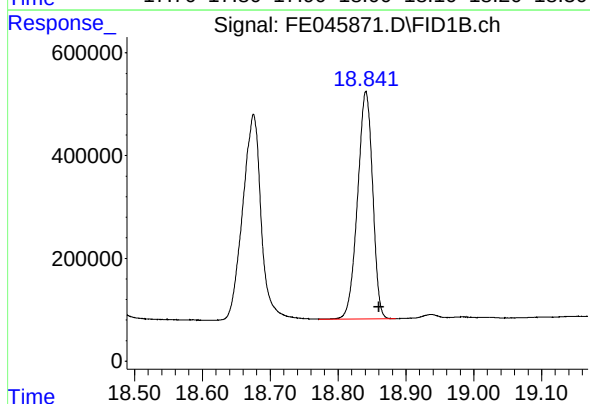
Instrument :

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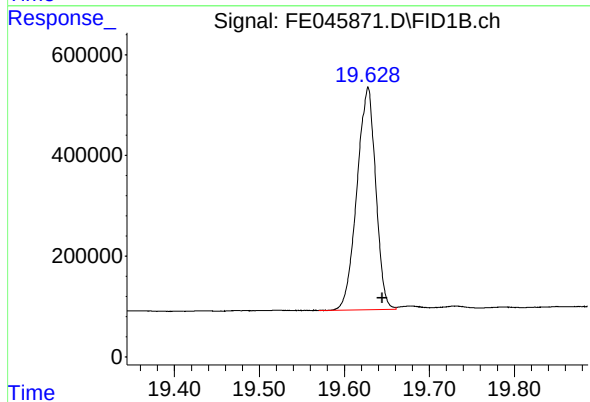
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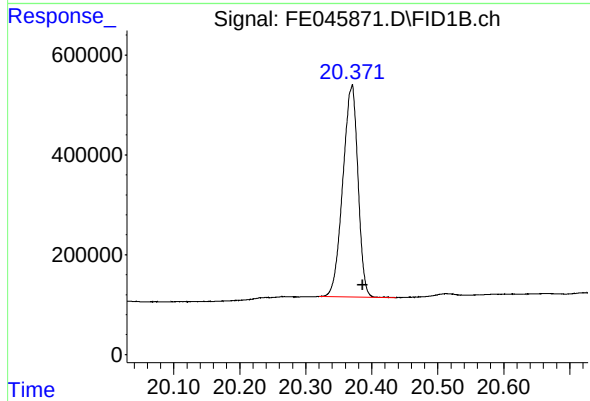
#18 n-Dotriacontane (C32)

R.T.: 18.841 min
Delta R.T.: -0.019 min
Response: 6848165
Conc: 37.54 ug/ml



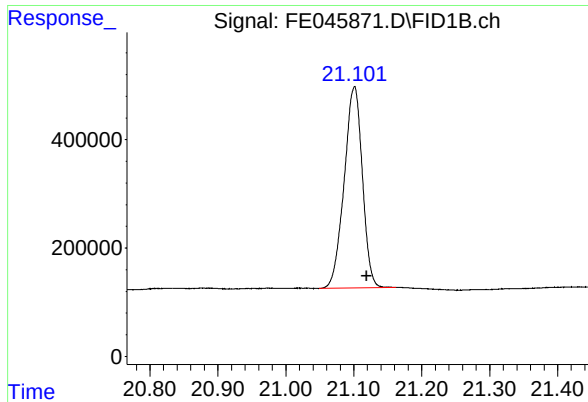
#19 n-Tetatriacontane (C34)

R.T.: 19.628 min
Delta R.T.: -0.017 min
Response: 6782075
Conc: 40.87 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.370 min
Delta R.T.: -0.016 min
Response: 6763838
Conc: 42.61 ug/ml



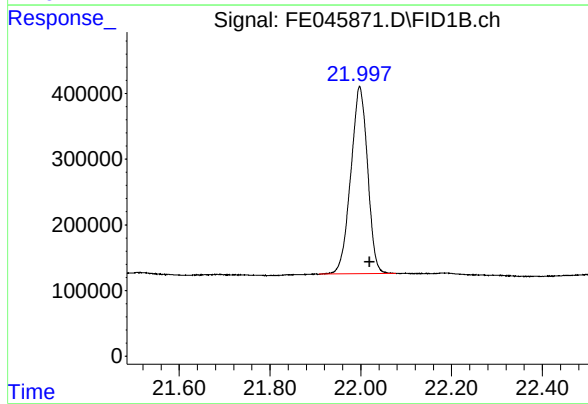
#21 n-Octatriacontane (C38)

R.T.: 21.101 min
Delta R.T.: -0.018 min
Response: 6916896
Conc: 44.11 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.997 min
Delta R.T.: -0.022 min
Response: 7342399
Conc: 51.67 ug/ml m