

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE011924AL\
 Data File : FE046310.D
 Signal(s) : FID1B.ch
 Acq On : 19 Jan 2024 16:48
 Operator : YP\AJ
 Sample : P1170-01MS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 6MS

Manual Integrations
 APPROVED

Reviewed By :Ankita Jodhani 01/22/2024
 Supervised By :Sohil Jodhani 01/23/2024

Integration File: autoint1.e
 Quant Time: Jan 19 22:09:50 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 122923.M
 Quant Title : GC Extractables
 QLast Update : Fri Dec 29 03:49:54 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)	11.828	5489523	30.208 ug/ml
Spiked Amount 50.000		Recovery =	60.42%
12) S 1-chlorooctadecane (S...	13.270	4811276	36.010 ug/ml
Spiked Amount 50.000		Recovery =	72.02%
Target Compounds			
1) T n-Nonane (C9)	3.235	6722847	43.927 ug/ml
2) T n-Decane (C10)	4.475	6853592	44.161 ug/ml
3) T A~Naphthalene (C11.7)	6.171	7824798	47.051 ug/ml
4) T n-Dodecane (C12)	6.633	7165684	45.894 ug/ml
5) T A~2-methylnaphthalene...	7.265	7386628	46.395 ug/ml
6) T n-Tetradecane (C14)	8.460	7278181	46.723 ug/ml
7) T n-Hexadecane (C16)	10.069	7135619	45.060 ug/ml
8) T n-Octadecane (C18)	11.514	7163997	45.517 ug/ml
10) T n-Eicosane (C20)	12.825	7148031	47.251 ug/ml
11) T n-Heneicosane (C21)	13.439	6844513	46.545 ug/ml
13) T n-Docosane (C22)	14.026	6731766	46.054 ug/ml
14) T n-Tetracosane (C24)	15.130	15437603	106.442 ug/ml
15) T n-Hexacosane (C26)	16.156	6573256	45.849 ug/ml
16) T n-Octacosane (C28)	17.107	8382522	58.448 ug/mlm
17) T n-Tricontane (C30)	17.998	6499667	43.728 ug/ml
18) T n-Dotriacontane (C32)	18.830	7011915	46.883 ug/mlm
19) T n-Tetratriacontane (C34)	19.617	6444698	44.987 ug/ml
20) T n-Hexatriacontane (C36)	20.363	6347635	43.536 ug/mlm
21) T n-Octatriacontane (C38)	21.092	6606277	44.801 ug/ml
22) T n-Tetracontane (C40)	21.988	6782100	43.329 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Sample : P1170-01MS
Misc :
ALS Vial : 18 Sample Multiplier: 1

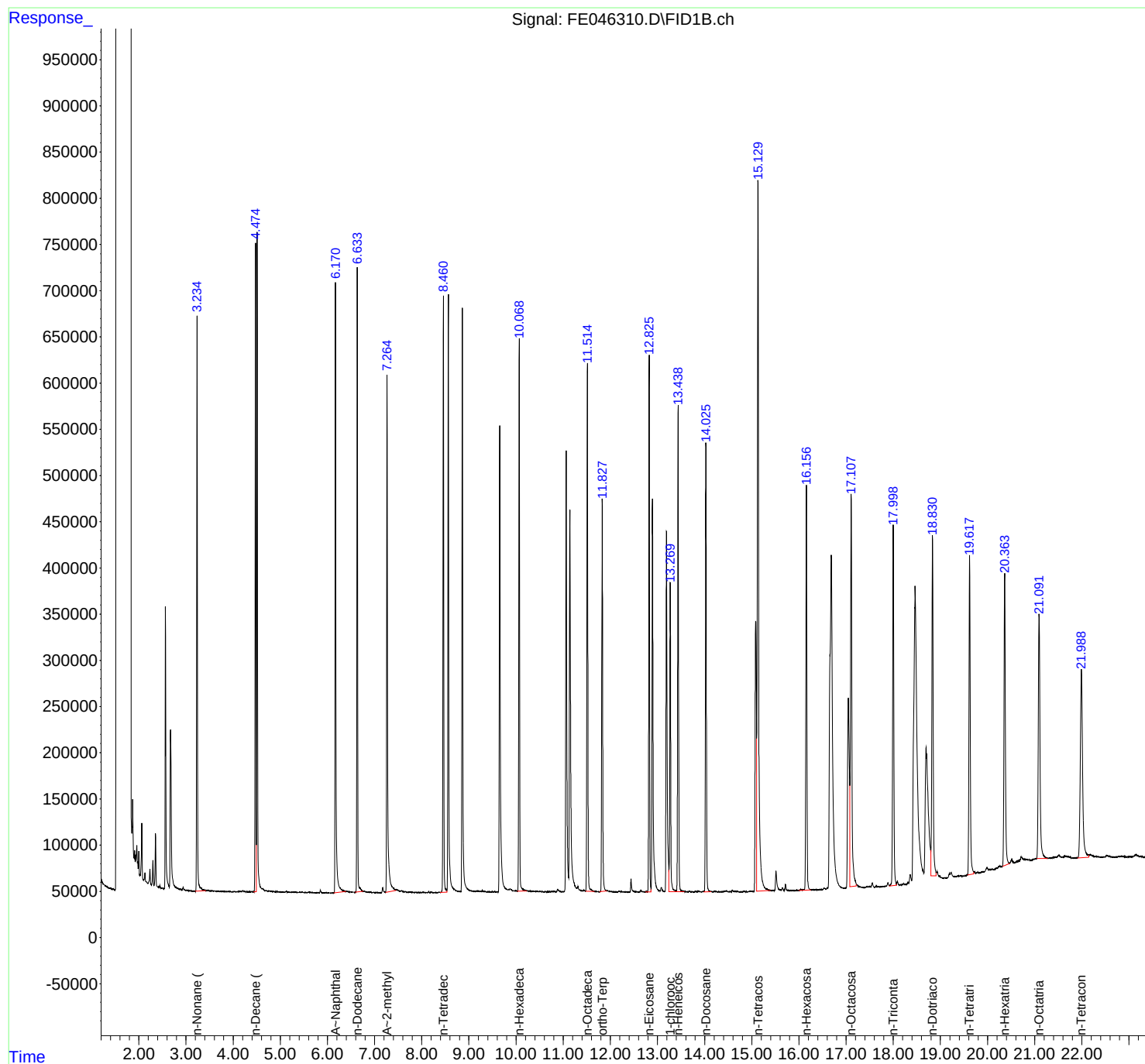
Instrument :
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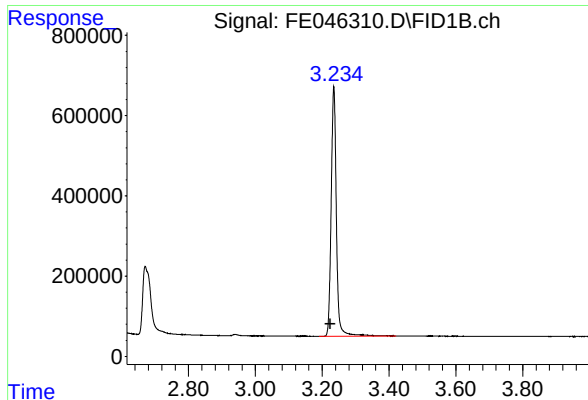
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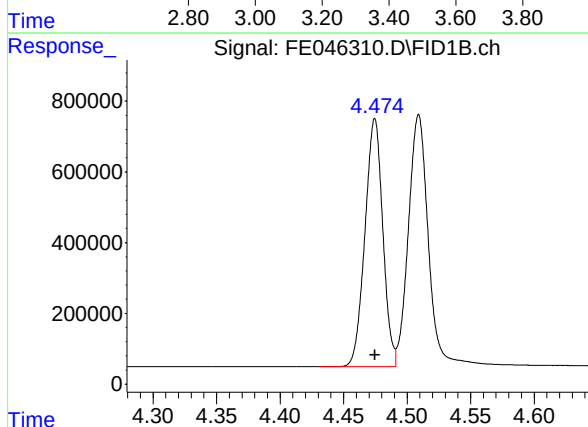
#1 n-Nonane (C9)

R.T.: 3.235 min
Delta R.T.: 0.011 min
Response: 6722847
Conc: 43.93 ug/ml

Instrument :
FID_E
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6MS

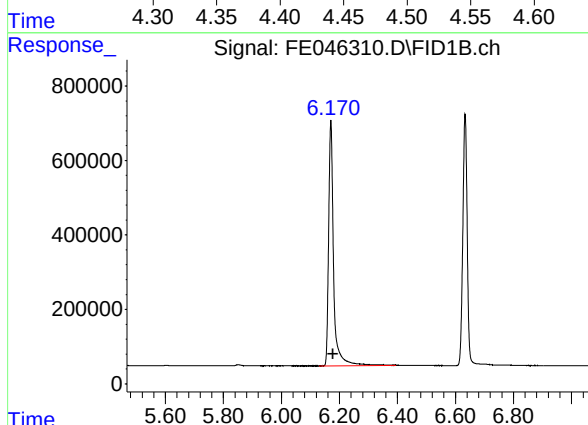
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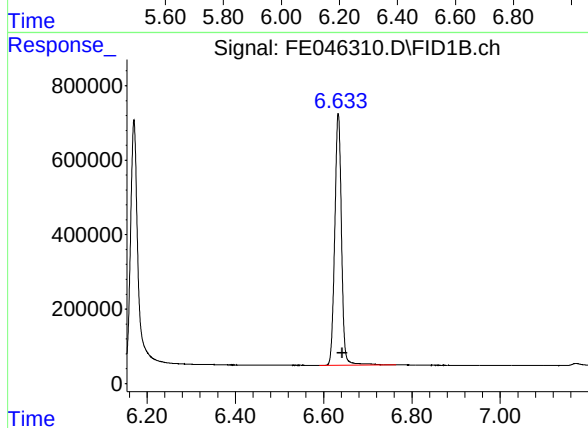
#2 n-Decane (C10)

R.T.: 4.475 min
Delta R.T.: 0.000 min
Response: 6853592
Conc: 44.16 ug/ml



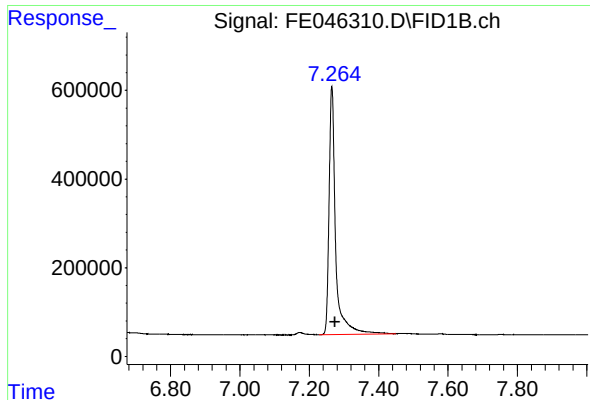
#3 A~Naphthalene (C11.7)

R.T.: 6.171 min
Delta R.T.: -0.007 min
Response: 7824798
Conc: 47.05 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.633 min
Delta R.T.: -0.009 min
Response: 7165684
Conc: 45.89 ug/ml



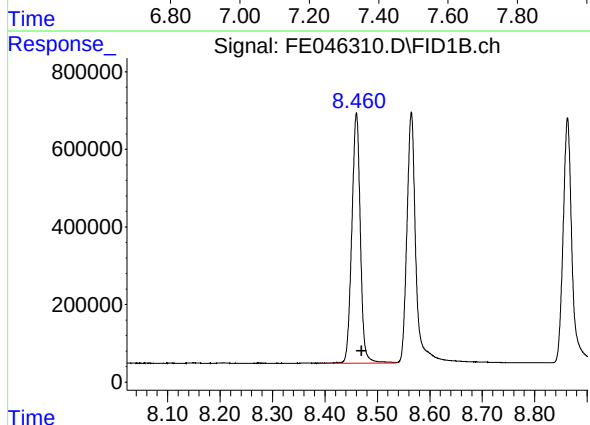
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.265 min
Delta R.T.: -0.009 min
Response: 7386628
Conc: 46.40 ug/ml

Instrument :
FID_E
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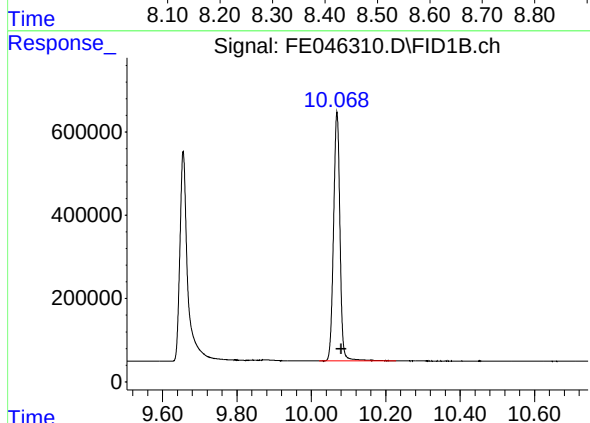
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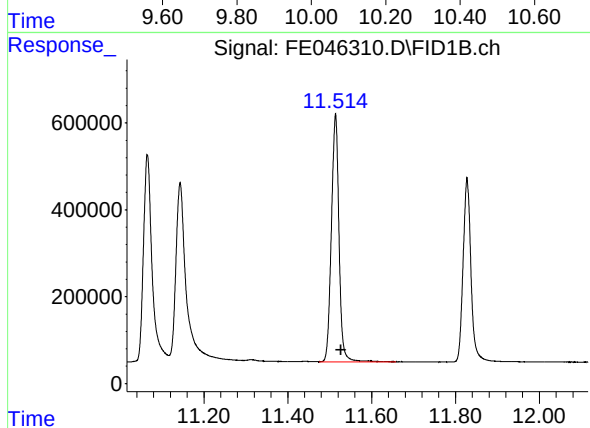
#6 n-Tetradecane (C14)

R.T.: 8.460 min
Delta R.T.: -0.010 min
Response: 7278181
Conc: 46.72 ug/ml



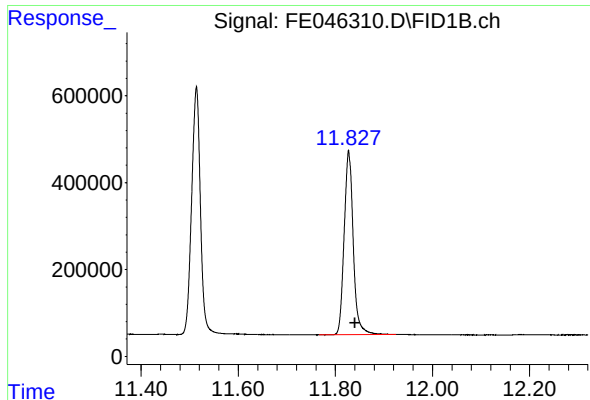
#7 n-Hexadecane (C16)

R.T.: 10.069 min
Delta R.T.: -0.012 min
Response: 7135619
Conc: 45.06 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.514 min
Delta R.T.: -0.013 min
Response: 7163997
Conc: 45.52 ug/ml



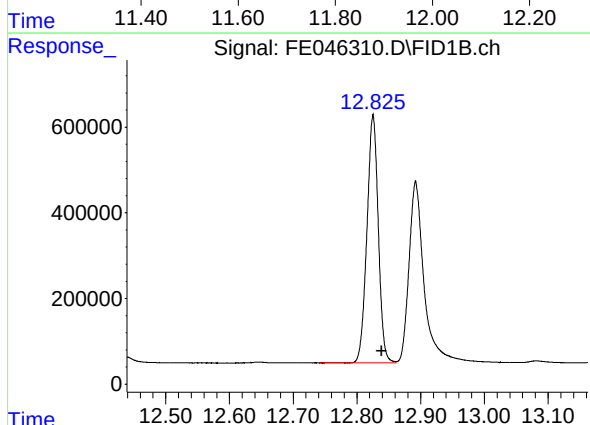
#9 ortho-Terphenyl (SURR)

R.T.: 11.828 min
Delta R.T.: -0.013 min
Response: 5489523
Conc: 30.21 ug/ml

Instrument :
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6MS

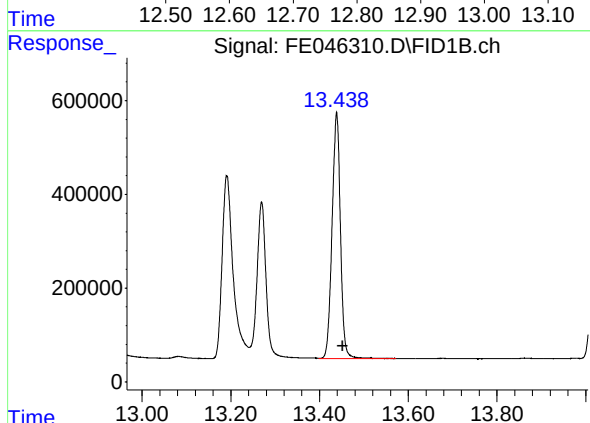
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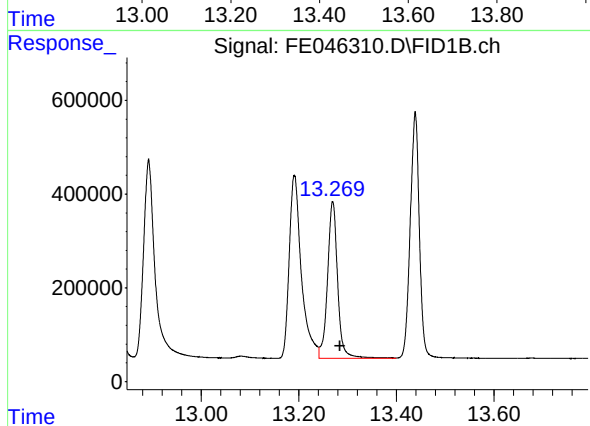
#10 n-Eicosane (C20)

R.T.: 12.825 min
Delta R.T.: -0.013 min
Response: 7148031
Conc: 47.25 ug/ml



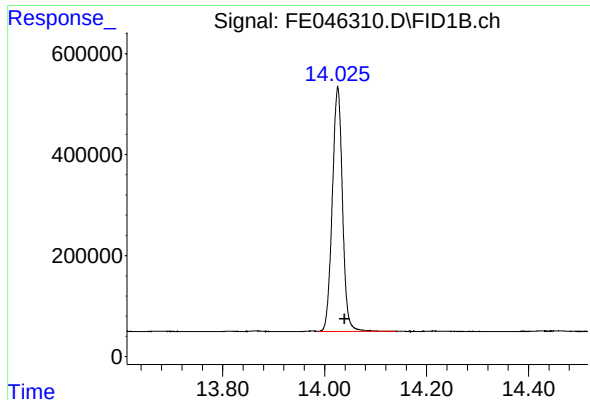
#11 n-Heneicosane (C21)

R.T.: 13.439 min
Delta R.T.: -0.014 min
Response: 6844513
Conc: 46.55 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.270 min
Delta R.T.: -0.015 min
Response: 4811276
Conc: 36.01 ug/ml



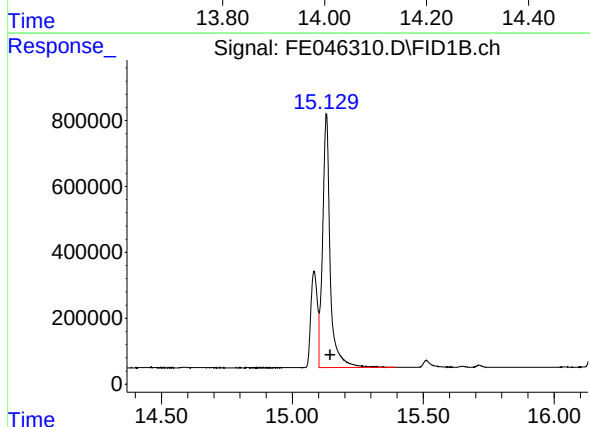
#13 n-Docosane (C22)

R.T.: 14.026 min
Delta R.T.: -0.014 min
Response: 6731766
Conc: 46.05 ug/ml

Instrument :
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6MS

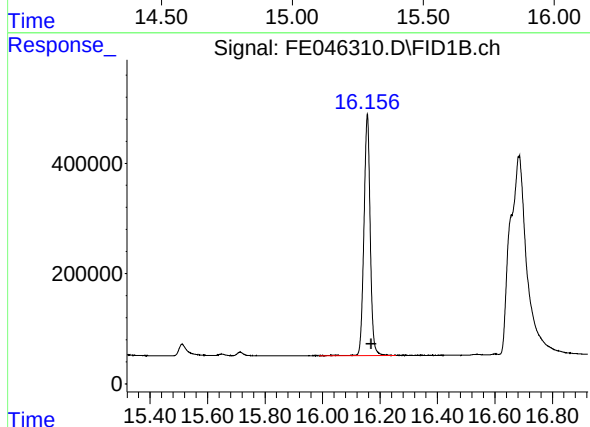
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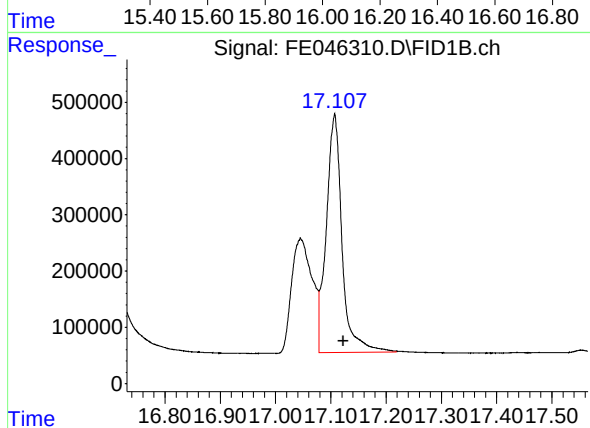
#14 n-Tetracosane (C24)

R.T.: 15.130 min
Delta R.T.: -0.015 min
Response: 15437603
Conc: 106.44 ug/ml



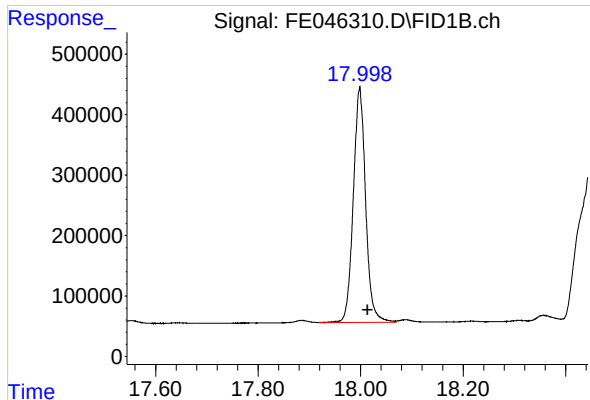
#15 n-Hexacosane (C26)

R.T.: 16.156 min
Delta R.T.: -0.014 min
Response: 6573256
Conc: 45.85 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.107 min
Delta R.T.: -0.016 min
Response: 8382522
Conc: 58.45 ug/ml m



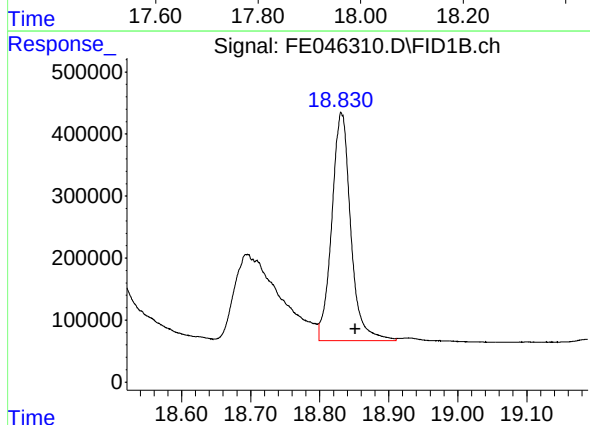
#17 n-Tricontane (C30)

R.T.: 17.998 min
Delta R.T.: -0.016 min
Response: 6499667
Conc: 43.73 ug/ml

Instrument :
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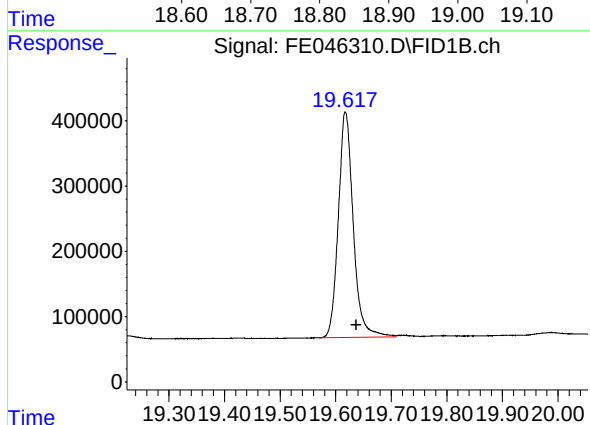
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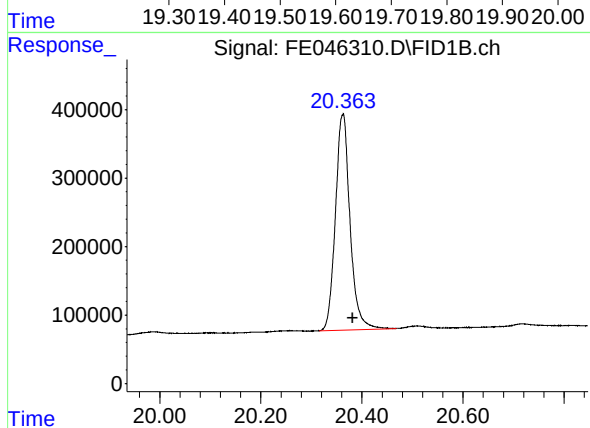
#18 n-Dotriacontane (C32)

R.T.: 18.830 min
Delta R.T.: -0.021 min
Response: 7011915
Conc: 46.88 ug/ml m



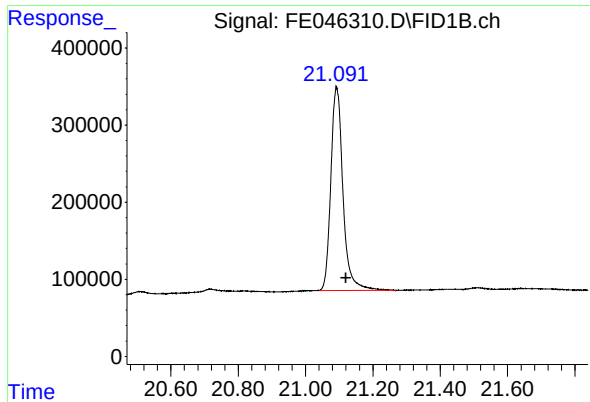
#19 n-Tetratriacontane (C34)

R.T.: 19.617 min
Delta R.T.: -0.019 min
Response: 6444698
Conc: 44.99 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.363 min
Delta R.T.: -0.019 min
Response: 6347635
Conc: 43.54 ug/ml m



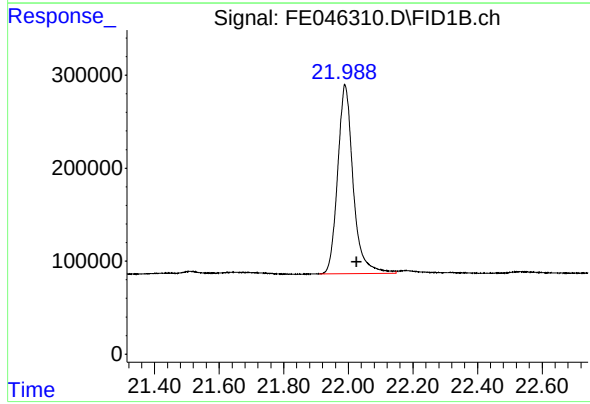
#21 n-Octatriacontane (C38)

R.T.: 21.092 min
Delta R.T.: -0.028 min
Response: 6606277
Conc: 44.80 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.988 min
Delta R.T.: -0.037 min
Response: 6782100
Conc: 43.33 ug/ml m