

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE093024AL\
 Data File : FE050436.D
 Signal(s) : FID1B.ch
 Acq On : 30 Sep 2024 15:31
 Operator : YP\AJ
 Sample : PB163785BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB163785BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/01/2024
 Supervised By :Ankita Jodhani 10/01/2024

Integration File: autoint1.e
 Quant Time: Oct 01 02:06:08 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 091024.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 09 17:11:47 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			
9) S ortho-Terphenyl (SURR)	11.867	5261894	35.367 ug/ml
Spiked Amount 50.000		Recovery =	70.73%
12) S 1-chlorooctadecane (S...	13.300	4440637	39.533 ug/ml
Spiked Amount 50.000		Recovery =	79.07%
Target Compounds			
1) T n-Nonane (C9)	3.265	6402580	47.236 ug/ml
2) T n-Decane (C10)	4.511	6873519	49.804 ug/ml
3) T A~Naphthalene (C11.7)	6.216	7225699	51.624 ug/ml
4) T n-Dodecane (C12)	6.674	6937550	50.169 ug/mlm
5) T A~2-methylnaphthalene...	7.312	6450985	49.080 ug/ml
6) T n-Tetradecane (C14)	8.502	7193903	52.830 ug/ml
7) T n-Hexadecane (C16)	10.107	7222376	51.996 ug/ml
8) T n-Octadecane (C18)	11.548	7196743	51.368 ug/ml
10) T n-Eicosane (C20)	12.857	7176234	53.496 ug/mlm
11) T n-Heneicosane (C21)	13.467	6930266	52.743 ug/ml
13) T n-Docosane (C22)	14.053	6819144	52.367 ug/ml
14) T n-Tetracosane (C24)	15.153	13368730	102.371 ug/ml
15) T n-Hexacosane (C26)	16.175	6660332	52.059 ug/ml
16) T n-Octacosane (C28)	17.123	7856964	60.997 ug/ml
17) T n-Tricontane (C30)	18.010	6994922	52.310 ug/ml
18) T n-Dotriacontane (C32)	18.842	7234423	54.289 ug/mlm
19) T n-Tetratriacontane (C34)	19.624	7322071	59.259 ug/ml
20) T n-Hexatriacontane (C36)	20.363	7076730	63.783 ug/ml
21) T n-Octatriacontane (C38)	21.089	7127024	64.627 ug/mlm
22) T n-Tetracontane (C40)	21.977	6646573	61.082 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : PB163785BSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

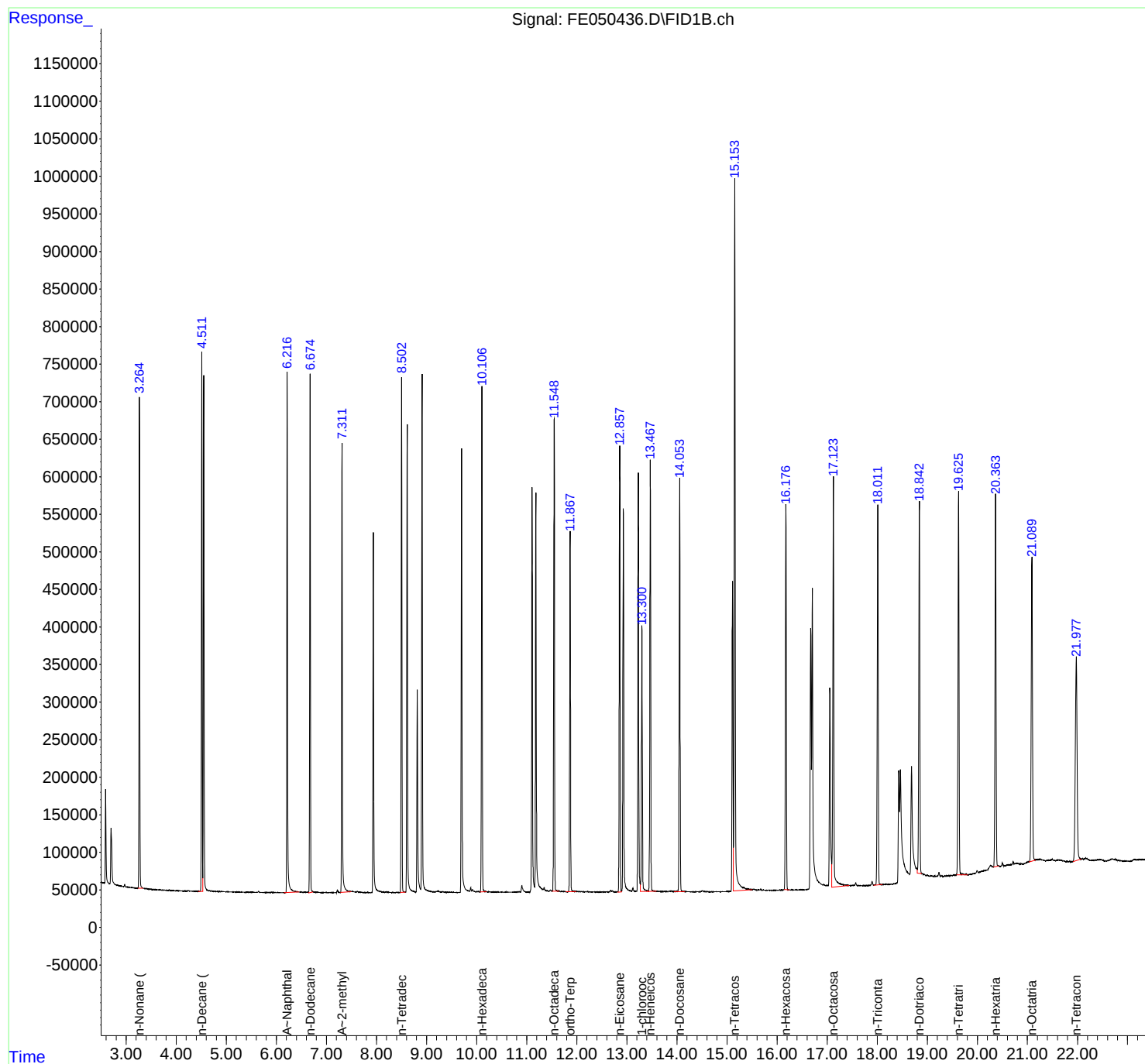
Instrument :
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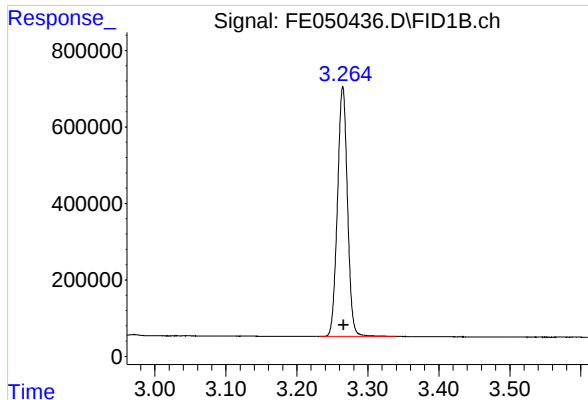
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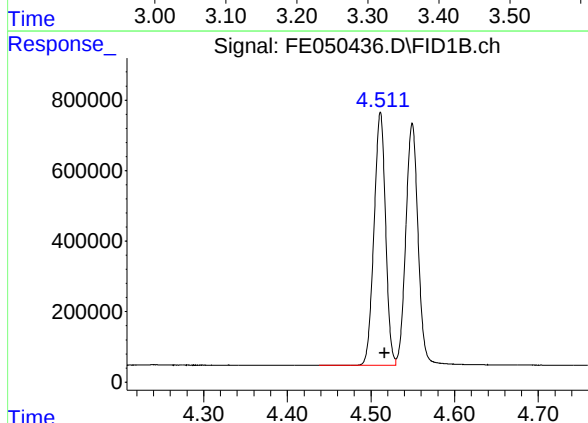
#1 n-Nonane (C9)

R.T.: 3.265 min
Delta R.T.: -0.001 min
Response: 6402580
Conc: 47.24 ug/ml

Instrument :
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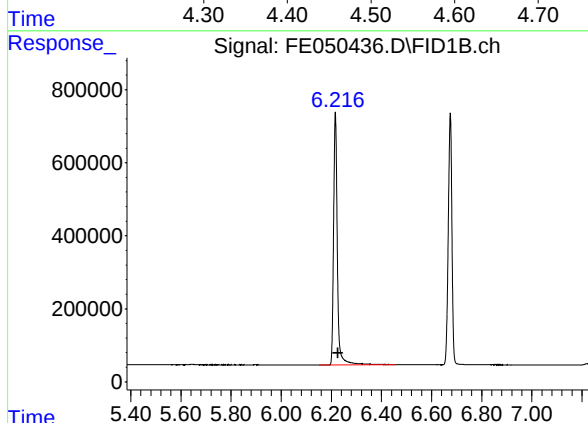
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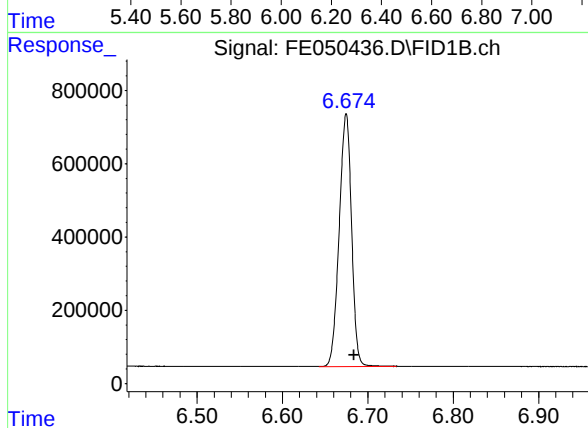
#2 n-Decane (C10)

R.T.: 4.511 min
Delta R.T.: -0.005 min
Response: 6873519
Conc: 49.80 ug/ml



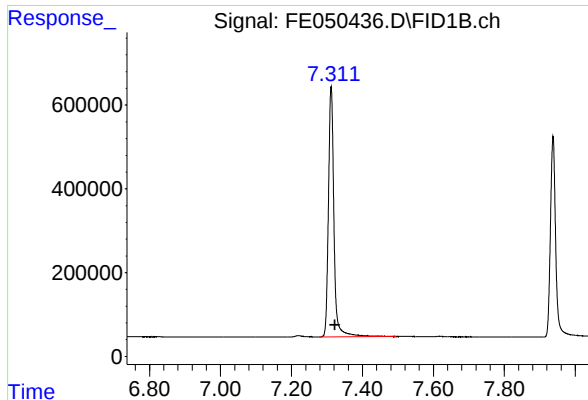
#3 A~Naphthalene (C11.7)

R.T.: 6.216 min
Delta R.T.: -0.011 min
Response: 7225699
Conc: 51.62 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.674 min
Delta R.T.: -0.009 min
Response: 6937550
Conc: 50.17 ug/ml m



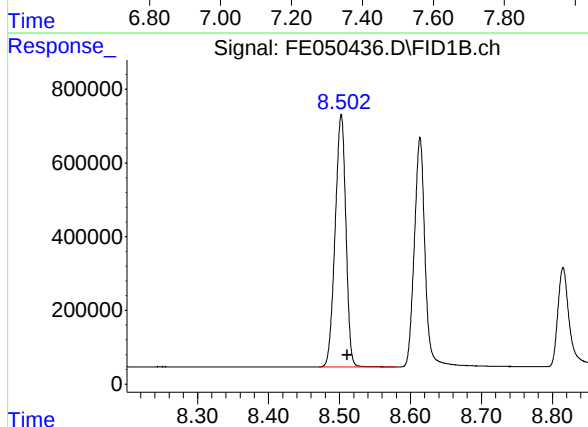
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.312 min
Delta R.T.: -0.011 min
Response: 6450985
Conc: 49.08 ug/ml

Instrument :
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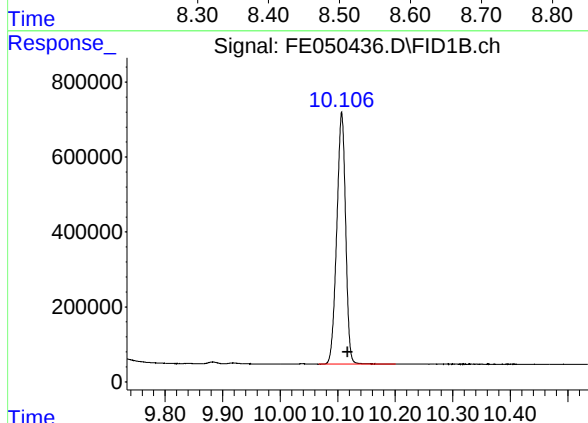
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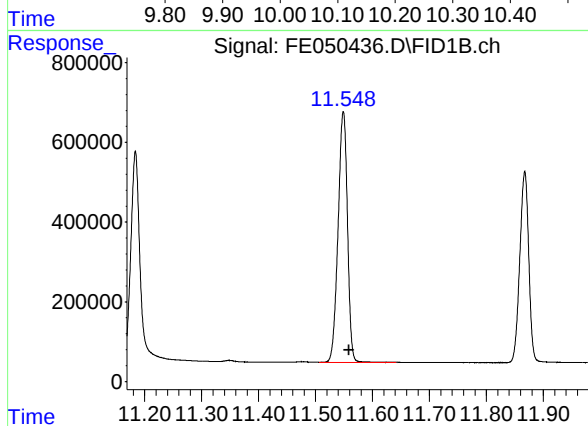
#6 n-Tetradecane (C14)

R.T.: 8.502 min
Delta R.T.: -0.008 min
Response: 7193903
Conc: 52.83 ug/ml



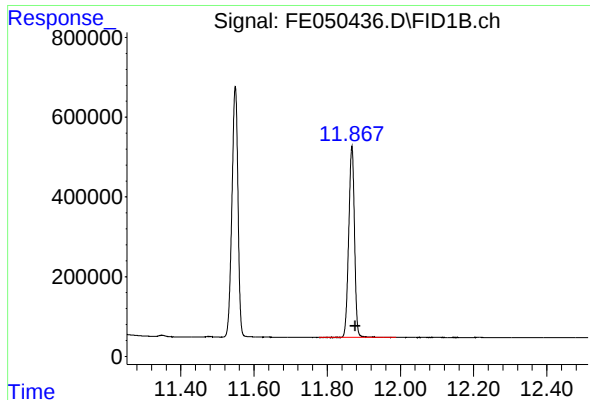
#7 n-Hexadecane (C16)

R.T.: 10.107 min
Delta R.T.: -0.010 min
Response: 7222376
Conc: 52.00 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.548 min
Delta R.T.: -0.010 min
Response: 7196743
Conc: 51.37 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.867 min
Delta R.T.: -0.009 min
Response: 5261894
Conc: 35.37 ug/ml

Instrument :

FID_E

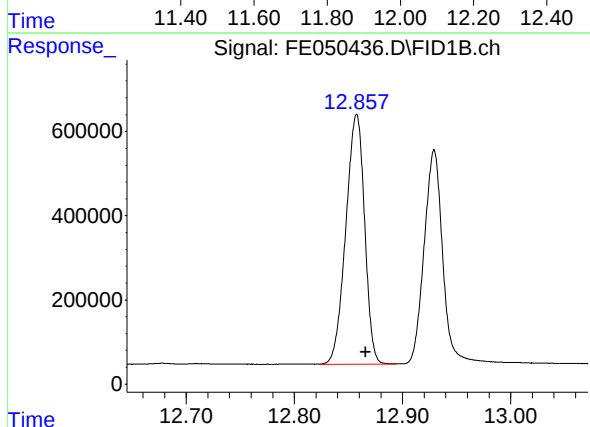
ClientSampleId :

PB163785BSD

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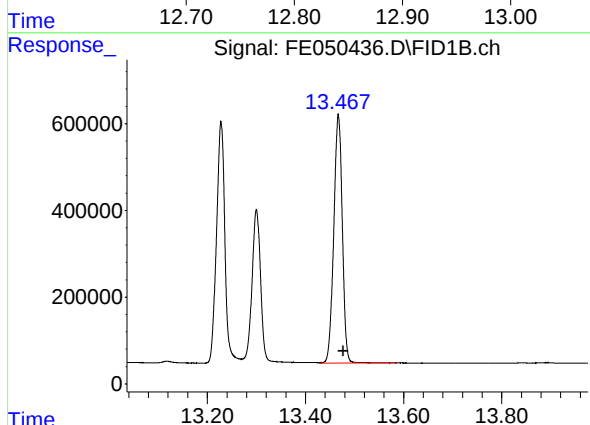
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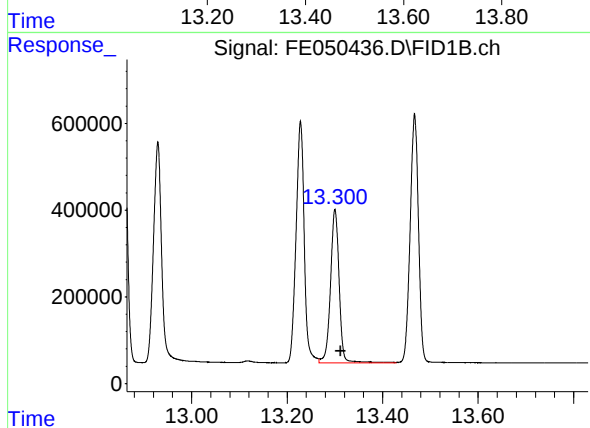
#10 n-Eicosane (C20)

R.T.: 12.857 min
Delta R.T.: -0.008 min
Response: 7176234
Conc: 53.50 ug/ml



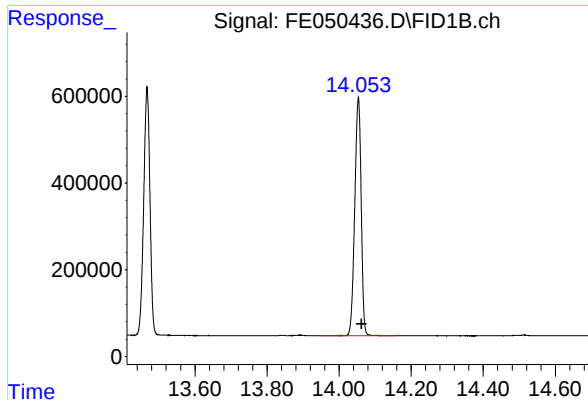
#11 n-Heneicosane (C21)

R.T.: 13.467 min
Delta R.T.: -0.010 min
Response: 6930266
Conc: 52.74 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.300 min
Delta R.T.: -0.011 min
Response: 4440637
Conc: 39.53 ug/ml



#13 n-Docosane (C22)

R.T.: 14.053 min
Delta R.T.: -0.010 min
Response: 6819144
Conc: 52.37 ug/ml

Instrument :

FID_E

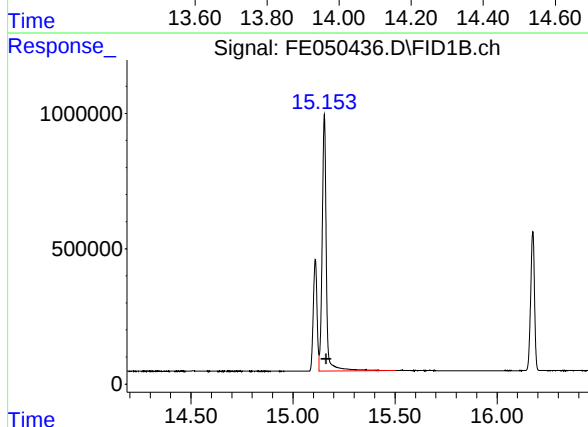
ClientSampleId :

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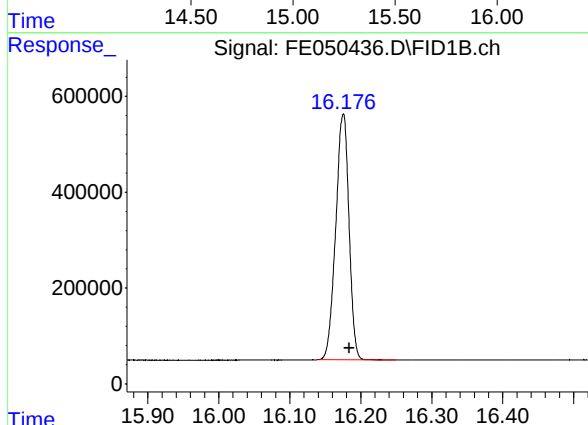
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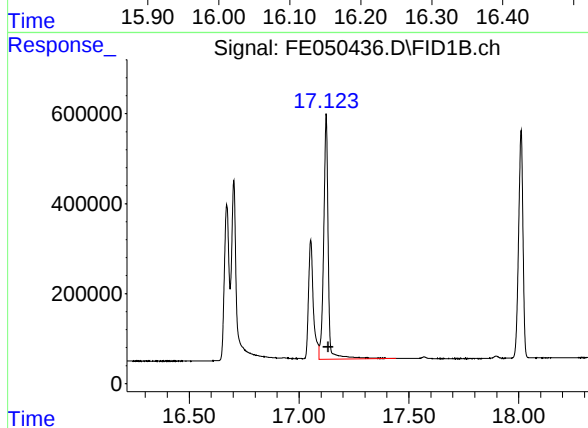
#14 n-Tetracosane (C24)

R.T.: 15.153 min
Delta R.T.: -0.011 min
Response: 13368730
Conc: 102.37 ug/ml



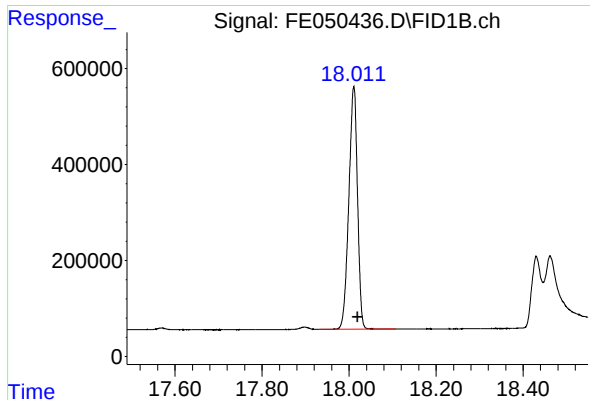
#15 n-Hexacosane (C26)

R.T.: 16.175 min
Delta R.T.: -0.009 min
Response: 6660332
Conc: 52.06 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.123 min
Delta R.T.: -0.010 min
Response: 7856964
Conc: 61.00 ug/ml



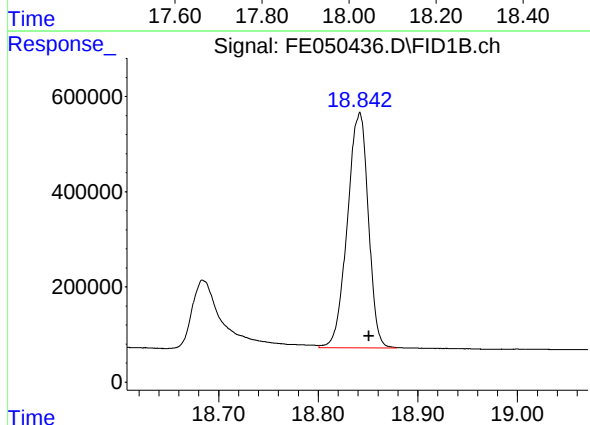
#17 n-Tricontane (C30)

R.T.: 18.010 min
Delta R.T.: -0.010 min
Response: 6994922
Conc: 52.31 ug/ml

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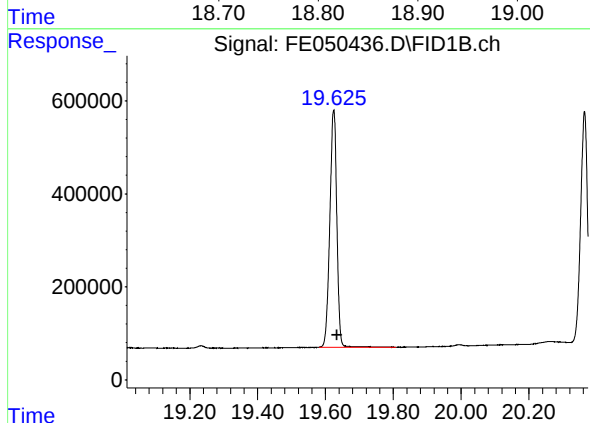
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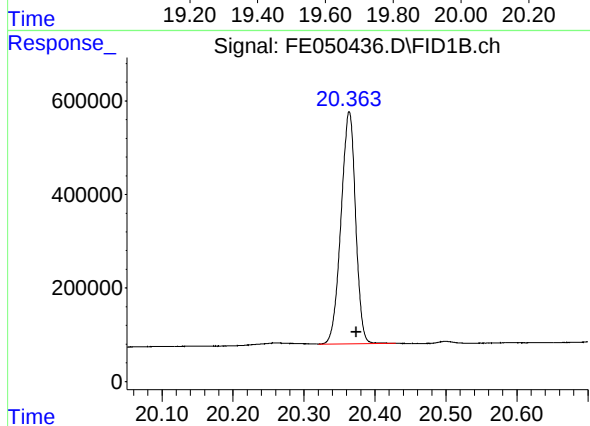
#18 n-Dotriacontane (C32)

R.T.: 18.842 min
Delta R.T.: -0.009 min
Response: 7234423
Conc: 54.29 ug/ml



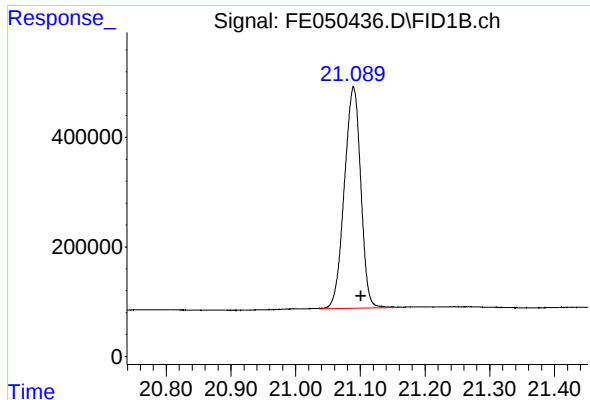
#19 n-Tetratriacontane (C34)

R.T.: 19.624 min
Delta R.T.: -0.010 min
Response: 7322071
Conc: 59.26 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.363 min
Delta R.T.: -0.011 min
Response: 7076730
Conc: 63.78 ug/ml



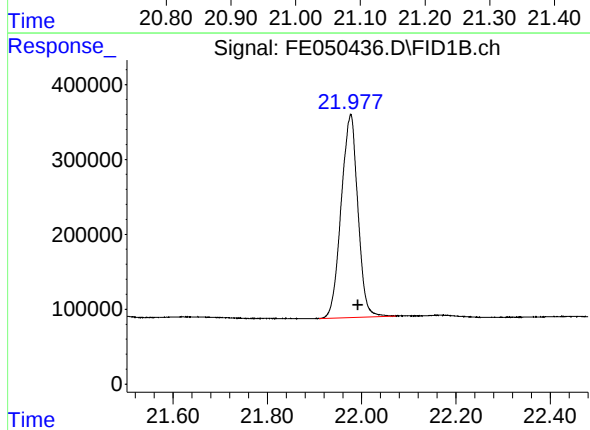
#21 n-Octatriacontane (C38)

R.T.: 21.089 min
Delta R.T.: -0.012 min
Response: 7127024
Conc: 64.63 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.977 min
Delta R.T.: -0.016 min
Response: 6646573
Conc: 61.08 ug/ml m