

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080624AL\
 Data File : FE049475.D
 Signal(s) : FID1B.ch
 Acq On : 06 Aug 2024 16:24
 Operator : YP\AJ
 Sample : PB162535BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB162535BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 08/07/2024

Supervised By :Ankita Jodhani 08/07/2024

Integration File: autoint1.e

Quant Time: Aug 07 01:57:11 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 071724.M

Quant Title : GC Extractables

QLast Update : Wed Jul 17 14:26:40 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)	11.895	7145841	46.071 ug/ml
Spiked Amount 50.000		Recovery =	92.14%
12) S 1-chlorooctadecane (S...	13.329	5584262	47.796 ug/ml
Spiked Amount 50.000		Recovery =	95.59%
Target Compounds			
1) T n-Nonane (C9)	3.294	7228621	48.066 ug/ml
2) T n-Decane (C10)	4.540	7866994	50.935 ug/ml
3) T A~Naphthalene (C11.7)	6.241	8927583	57.300 ug/ml
4) T n-Dodecane (C12)	6.701	7919197	51.430 ug/ml
5) T A~2-methylnaphthalene...	7.336	8643117	59.391 ug/mlm
6) T n-Tetradecane (C14)	8.530	8208929	54.086 ug/ml
7) T n-Hexadecane (C16)	10.135	8159110	53.800 ug/ml
8) T n-Octadecane (C18)	11.578	8056912	53.065 ug/ml
10) T n-Eicosane (C20)	12.886	8018478	55.450 ug/ml
11) T n-Heneicosane (C21)	13.497	7761049	54.729 ug/ml
13) T n-Docosane (C22)	14.082	7662506	54.540 ug/ml
14) T n-Tetracosane (C24)	15.178	15007002	107.077 ug/ml
15) T n-Hexacosane (C26)	16.205	7600939	54.207 ug/ml
16) T n-Octacosane (C28)	17.152	8239335	58.866 ug/ml
17) T n-Tricontane (C30)	18.041	7732249	53.007 ug/ml
18) T n-Dotriacontane (C32)	18.871	7872721	53.542 ug/mlm
19) T n-Tetratriacontane (C34)	19.654	8119769	55.589 ug/ml
20) T n-Hexatriacontane (C36)	20.394	8283269	57.459 ug/ml
21) T n-Octatriacontane (C38)	21.124	8636179	57.694 ug/ml
22) T n-Tetracontane (C40)	22.023	8407712	55.715 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : PB162535BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

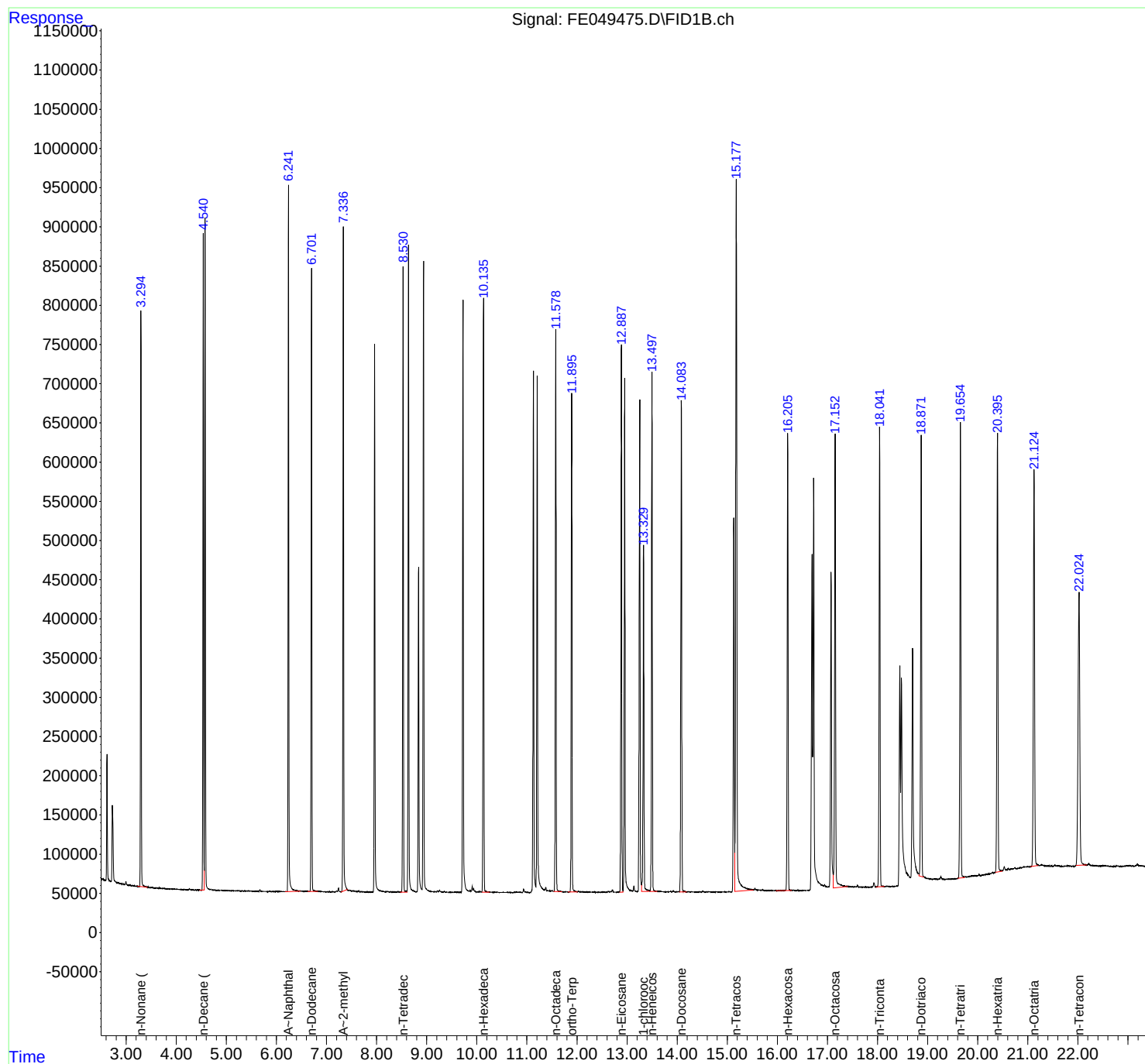
Instrument :
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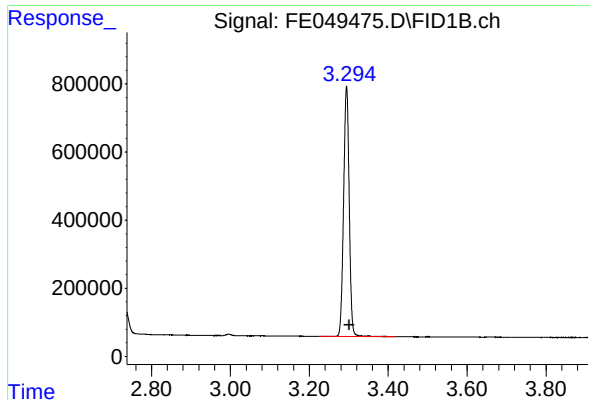
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.294 min
Delta R.T.: -0.007 min
Response: 7228621
Conc: 48.07 ug/ml

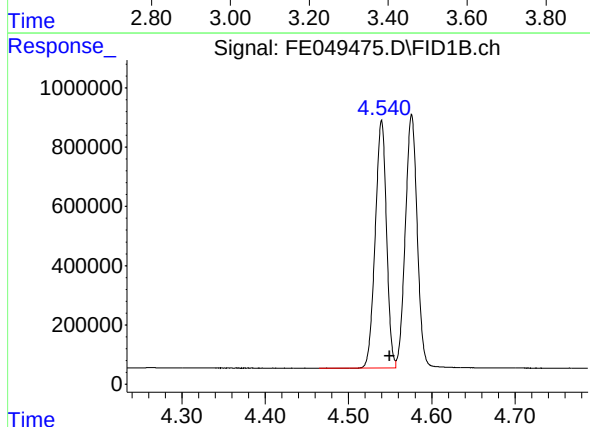
Instrument :

FID_E

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PB162535BS

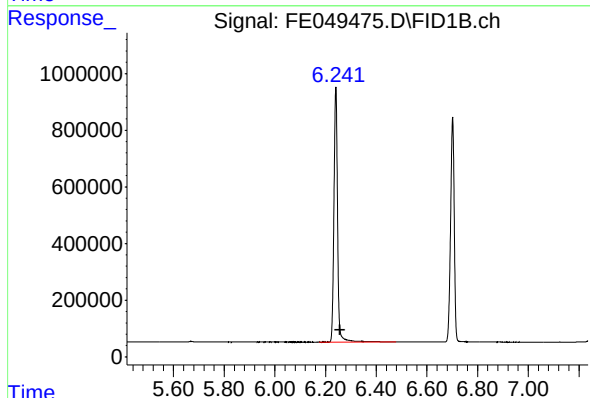
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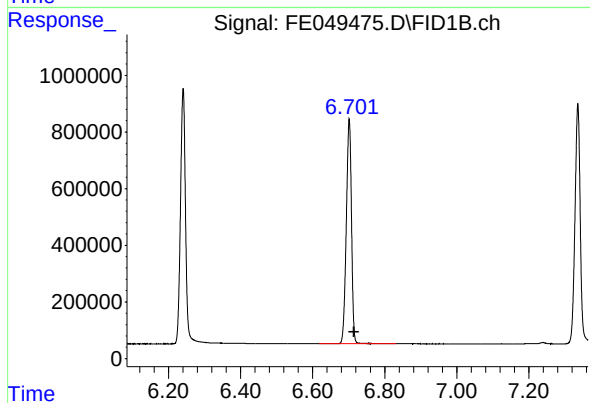
#2 n-Decane (C10)

R.T.: 4.540 min
Delta R.T.: -0.010 min
Response: 7866994
Conc: 50.93 ug/ml



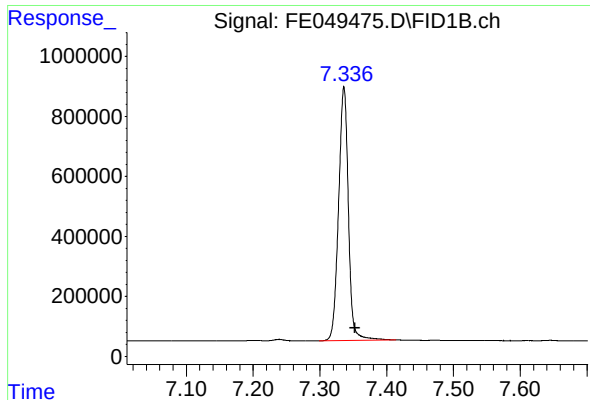
#3 A~Naphthalene (C11.7)

R.T.: 6.241 min
Delta R.T.: -0.016 min
Response: 8927583
Conc: 57.30 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.701 min
Delta R.T.: -0.014 min
Response: 7919197
Conc: 51.43 ug/ml



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

R.T.: 7.336 min
Delta R.T.: -0.017 min
Response: 8643117
Conc: 59.39 ug/ml

Instrument :

FID_E

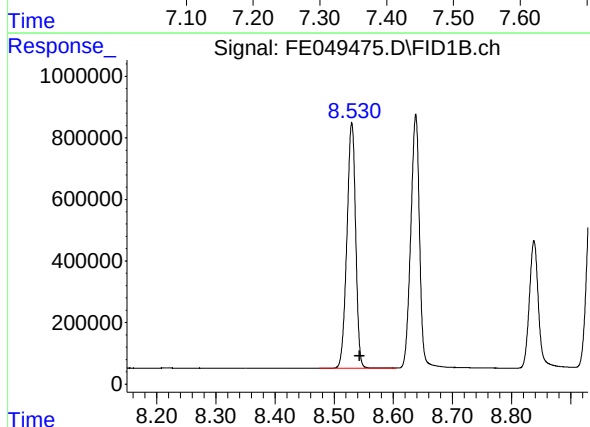
ClientSampleId :

PB162535BS

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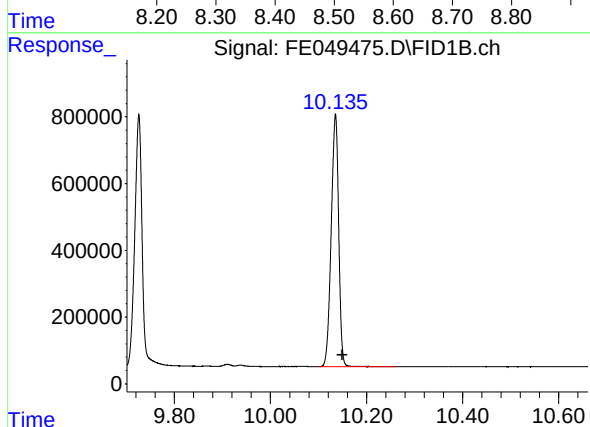
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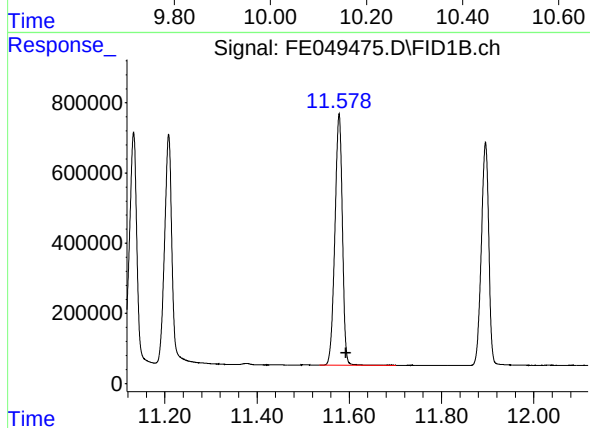
#6 n-Tetradecane (C14)

R.T.: 8.530 min
Delta R.T.: -0.013 min
Response: 8208929
Conc: 54.09 ug/ml



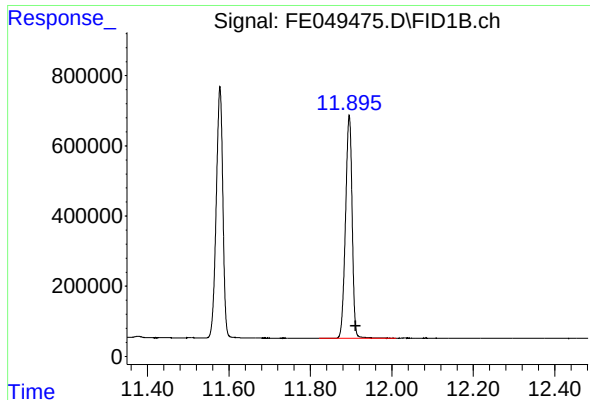
#7 n-Hexadecane (C16)

R.T.: 10.135 min
Delta R.T.: -0.015 min
Response: 8159110
Conc: 53.80 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.578 min
Delta R.T.: -0.015 min
Response: 8056912
Conc: 53.06 ug/ml



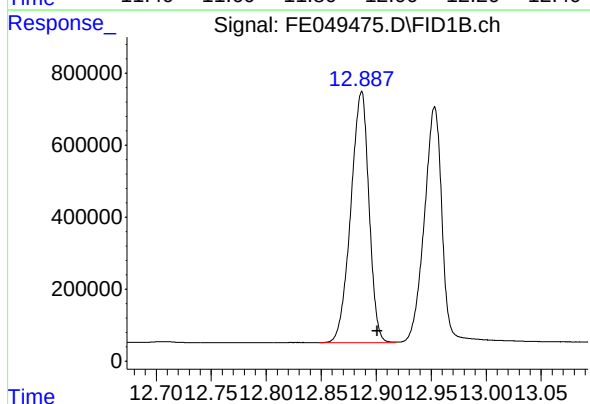
#9 ortho-Terphenyl (SURR)

R.T.: 11.895 min
Delta R.T.: -0.016 min
Response: 7145841
Conc: 46.07 ug/ml

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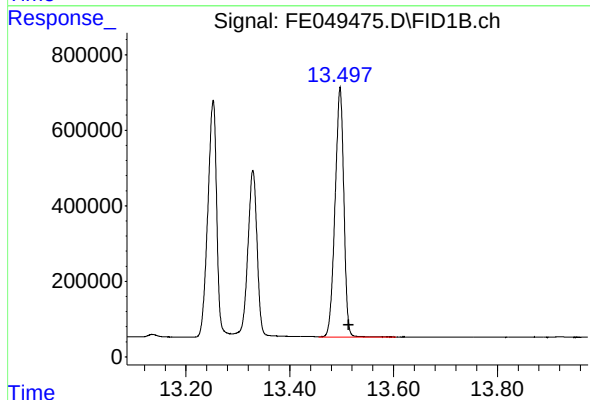
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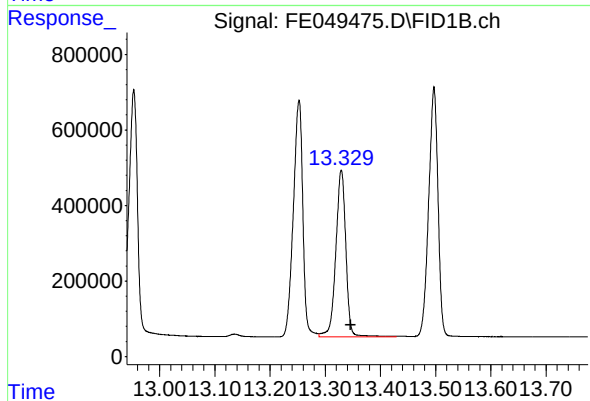
#10 n-Eicosane (C20)

R.T.: 12.886 min
Delta R.T.: -0.015 min
Response: 8018478
Conc: 55.45 ug/ml



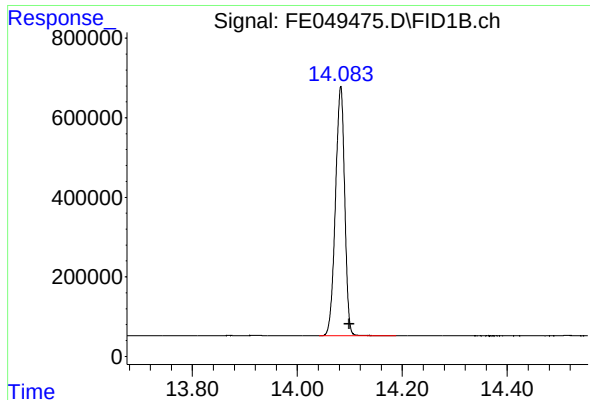
#11 n-Heneicosane (C21)

R.T.: 13.497 min
Delta R.T.: -0.016 min
Response: 7761049
Conc: 54.73 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.329 min
Delta R.T.: -0.017 min
Response: 5584262
Conc: 47.80 ug/ml



#13 n-Docosane (C22)

R.T.: 14.082 min
Delta R.T.: -0.016 min
Response: 7662506
Conc: 54.54 ug/ml

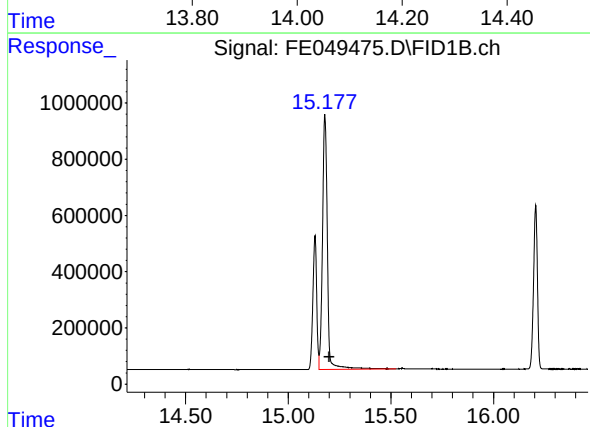
Instrument :

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ClientSampleId :
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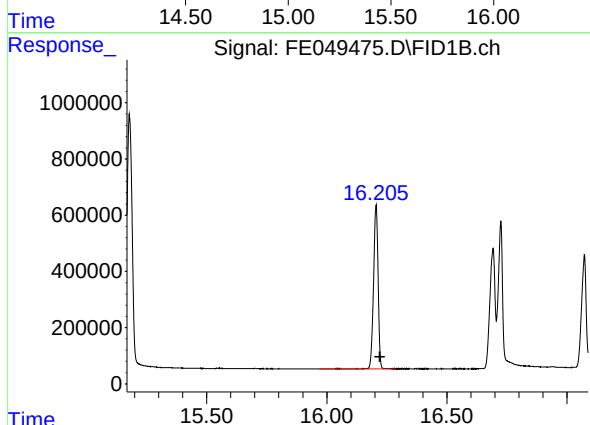
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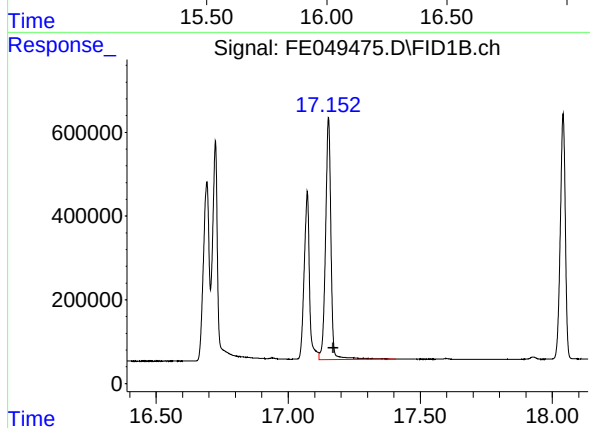
#14 n-Tetracosane (C24)

R.T.: 15.178 min
Delta R.T.: -0.022 min
Response: 15007002
Conc: 107.08 ug/ml



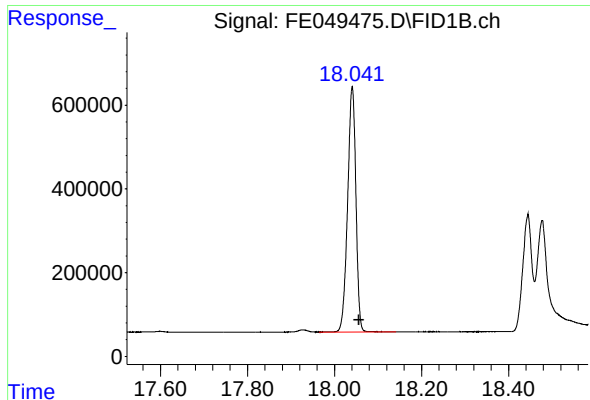
#15 n-Hexacosane (C26)

R.T.: 16.205 min
Delta R.T.: -0.016 min
Response: 7600939
Conc: 54.21 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.152 min
Delta R.T.: -0.017 min
Response: 8239335
Conc: 58.87 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.041 min
Delta R.T.: -0.016 min
Response: 7732249
Conc: 53.01 ug/ml

Instrument :

FID_E

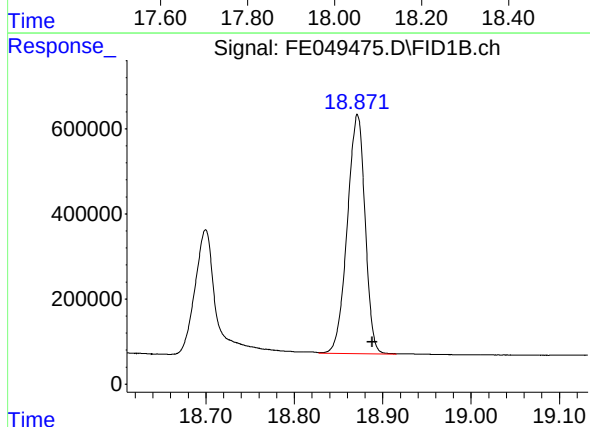
ClientSampleId :

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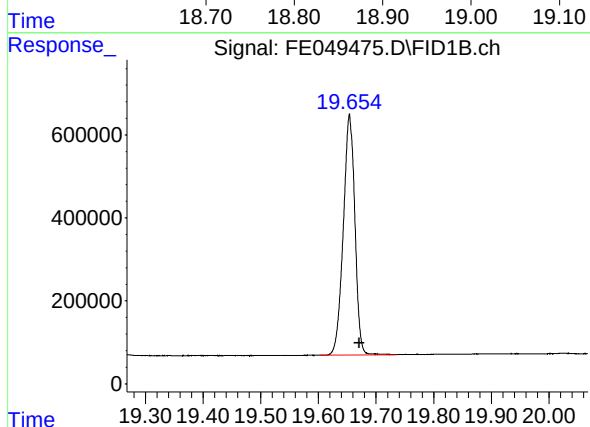
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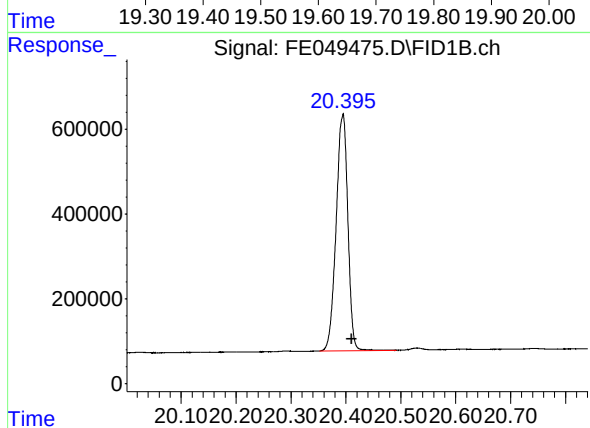
#18 n-Dotriacontane (C32)

R.T.: 18.871 min
Delta R.T.: -0.017 min
Response: 7872721
Conc: 53.54 ug/ml



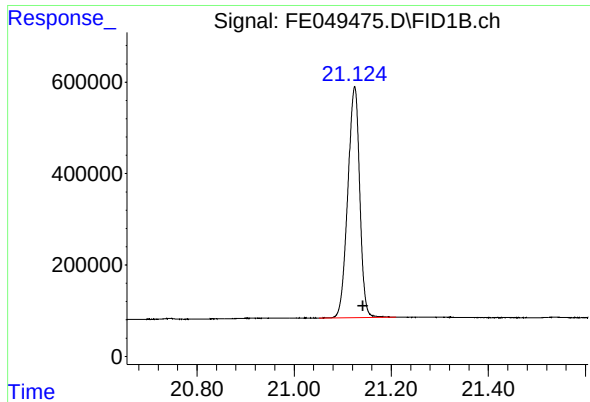
#19 n-Tetratriacontane (C34)

R.T.: 19.654 min
Delta R.T.: -0.017 min
Response: 8119769
Conc: 55.59 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.394 min
Delta R.T.: -0.016 min
Response: 8283269
Conc: 57.46 ug/ml



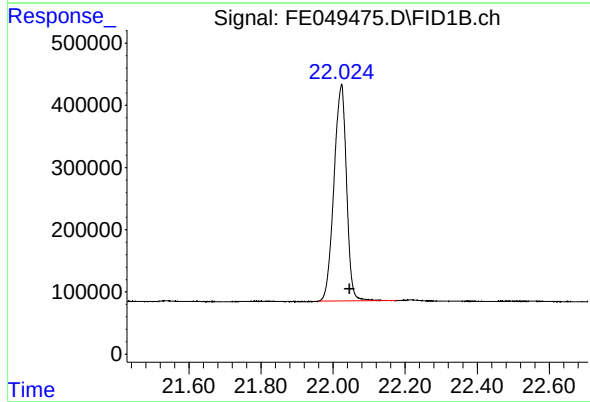
#21 n-Octatriacontane (C38)

R.T.: 21.124 min
Delta R.T.: -0.017 min
Response: 8636179
Conc: 57.69 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.023 min
Delta R.T.: -0.024 min
Response: 8407712
Conc: 55.72 ug/ml