

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080824AL\
 Data File : FE049523.D
 Signal(s) : FID1B.ch
 Acq On : 08 Aug 2024 18:07
 Operator : YP\AJ
 Sample : P3509-01MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 OR-02-080724MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/09/2024
 Supervised By :Ankita Jodhani 08/09/2024

Integration File: sample.E
 Quant Time: Aug 09 01:21:14 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)	11.891	6165985	39.754 ug/ml
Spiked Amount 50.000		Recovery =	79.51%
12) S 1-chlorooctadecane (S...	13.326	5182051	44.353 ug/mlm
Spiked Amount 50.000		Recovery =	88.71%
Target Compounds			
1) T n-Nonane (C9)	3.283	6987910	46.466 ug/ml
2) T n-Decane (C10)	4.532	7896506	51.126 ug/ml
3) T A~Naphthalene (C11.7)	6.236	9189547	58.982 ug/ml
4) T n-Dodecane (C12)	6.697	8293235	53.859 ug/ml
5) T A~2-methylnaphthalene...	7.332	9446427	64.911 ug/ml
6) T n-Tetradecane (C14)	8.527	9347681	61.589 ug/ml
7) T n-Hexadecane (C16)	10.133	9947908	65.596 ug/ml
8) T n-Octadecane (C18)	11.576	9936742	65.446 ug/ml
10) T n-Eicosane (C20)	12.885	9963215	68.898 ug/ml
11) T n-Heneicosane (C21)	13.495	9641495	67.990 ug/ml
13) T n-Docosane (C22)	14.081	9552651	67.993 ug/ml
14) T n-Tetracosane (C24)	15.178	17687145	126.200 ug/ml
15) T n-Hexacosane (C26)	16.205	9390007	66.966 ug/ml
16) T n-Octacosane (C28)	17.152	9801071	70.024 ug/ml
17) T n-Tricontane (C30)	18.040	9581990	65.688 ug/ml
18) T n-Dotriacontane (C32)	18.871	9453626	64.294 ug/ml
19) T n-Tetratriacontane (C34)	19.654	9525351	65.211 ug/ml
20) T n-Hexatriacontane (C36)	20.394	9346420	64.834 ug/ml
21) T n-Octatriacontane (C38)	21.124	9553051	63.819 ug/ml
22) T n-Tetracontane (C40)	22.021	8905964	59.017 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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

Quant Title : GC Extractables

QLast Update : Wed Jul 17 14:26:40 2024

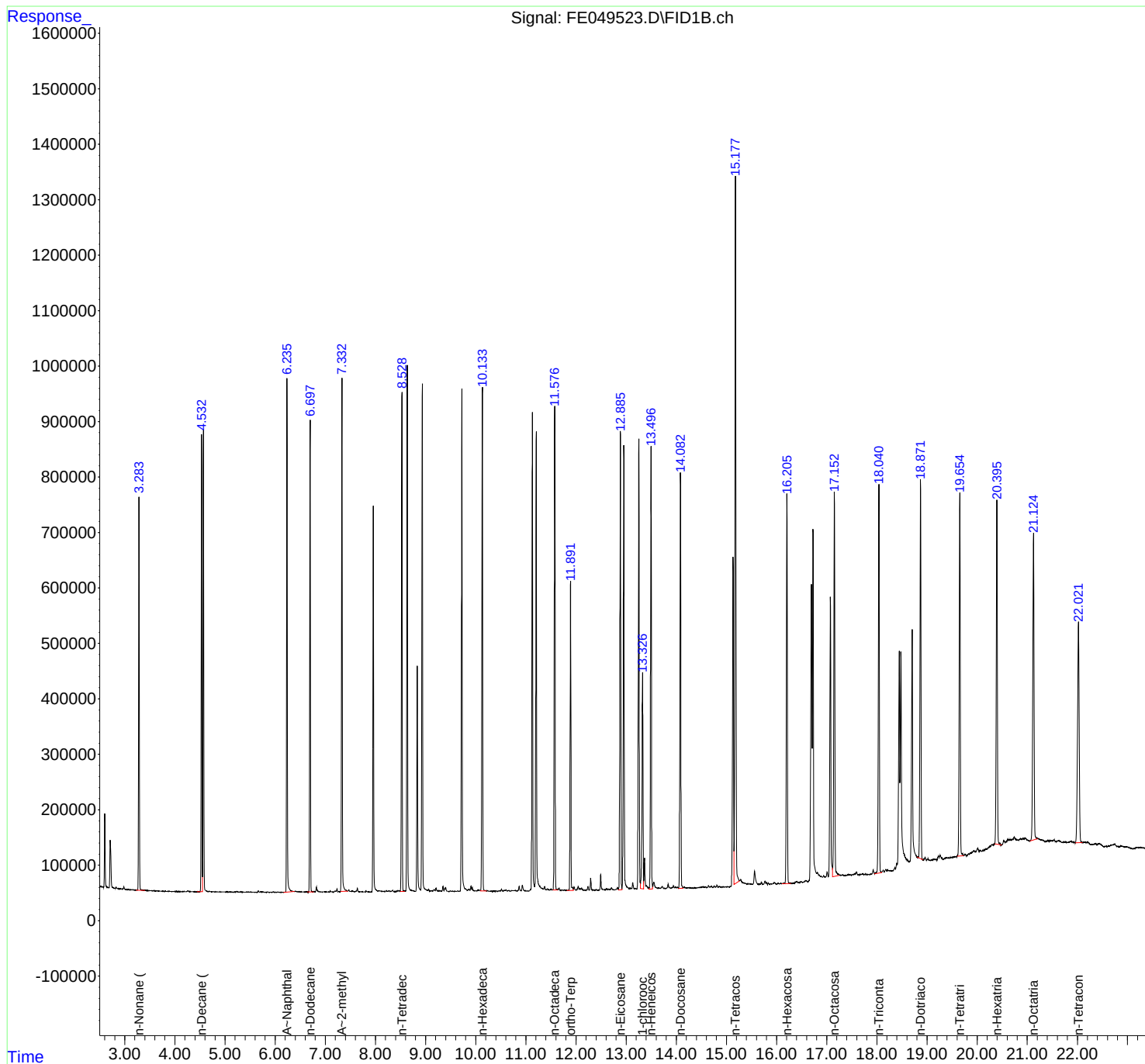
Response via : Initial Calibration

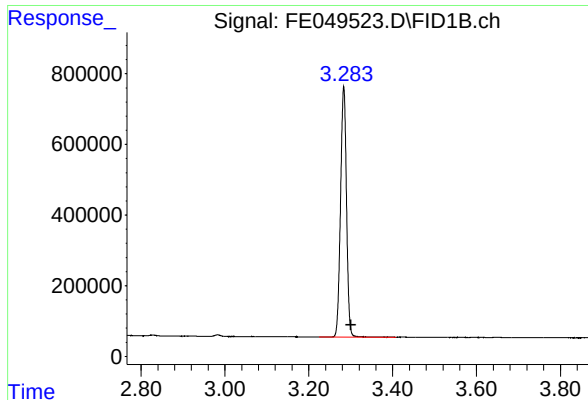
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.283 min
Delta R.T.: -0.018 min
Response: 6987910
Conc: 46.47 ug/ml

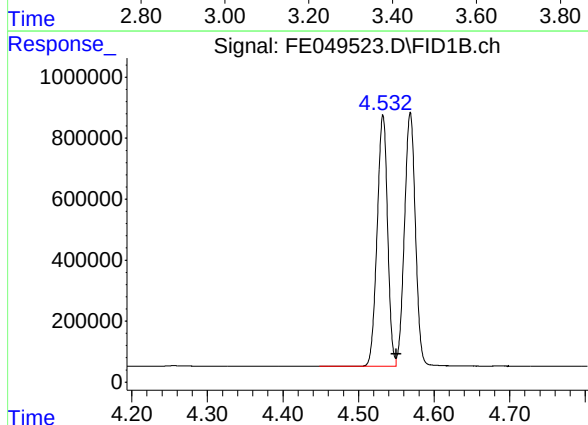
Instrument :

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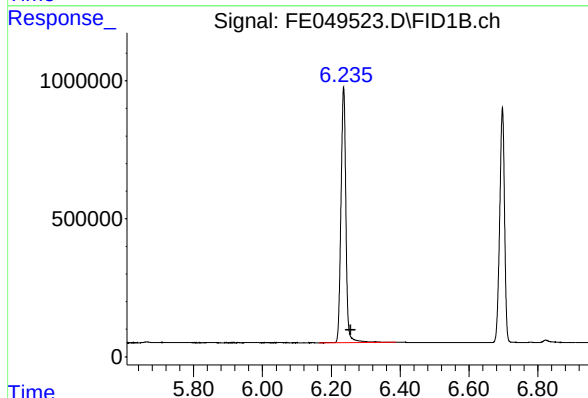
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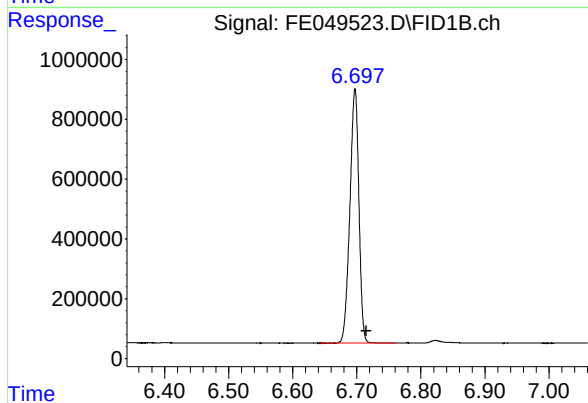
#2 n-Decane (C10)

R.T.: 4.532 min
Delta R.T.: -0.018 min
Response: 7896506
Conc: 51.13 ug/ml



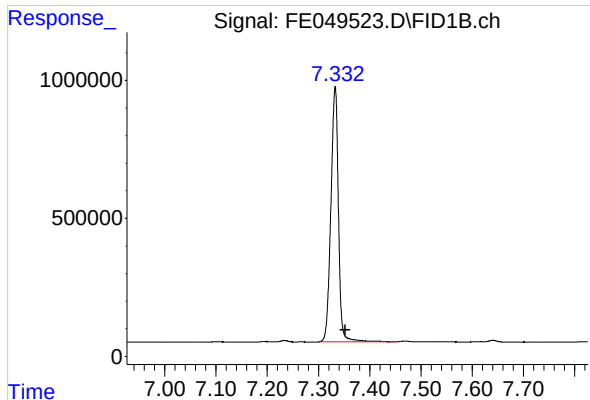
#3 A~Naphthalene (C11.7)

R.T.: 6.236 min
Delta R.T.: -0.021 min
Response: 9189547
Conc: 58.98 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.697 min
Delta R.T.: -0.018 min
Response: 8293235
Conc: 53.86 ug/ml



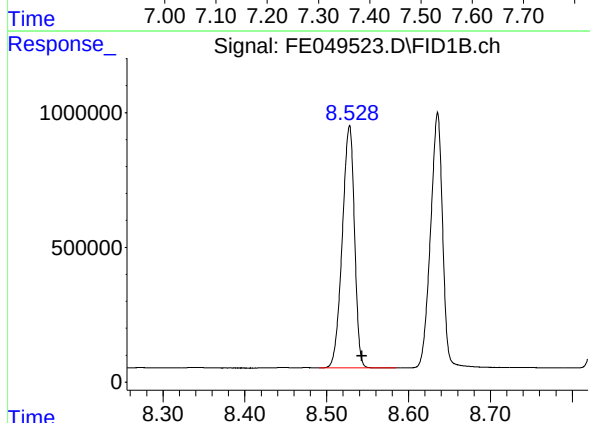
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.332 min
Delta R.T.: -0.020 min
Response: 9446427
Conc: 64.91 ug/ml

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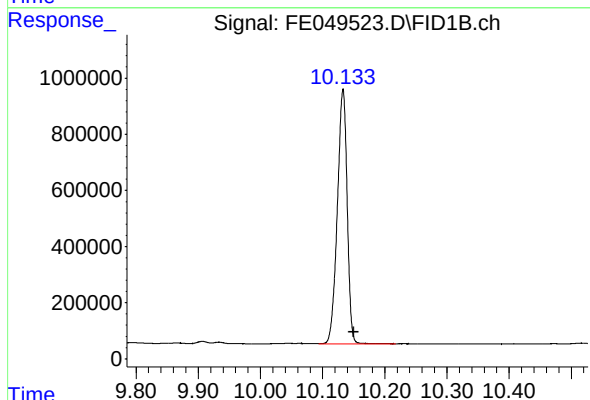
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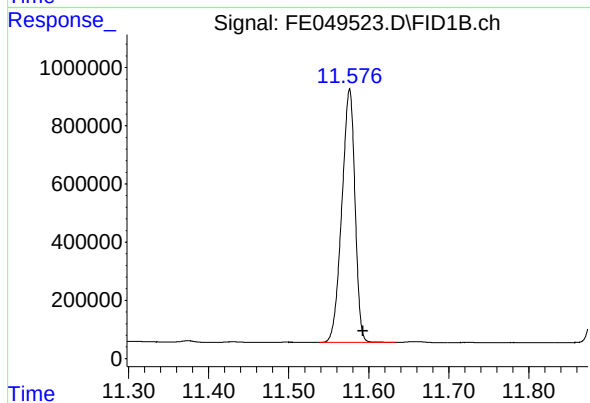
#6 n-Tetradecane (C14)

R.T.: 8.527 min
Delta R.T.: -0.016 min
Response: 9347681
Conc: 61.59 ug/ml



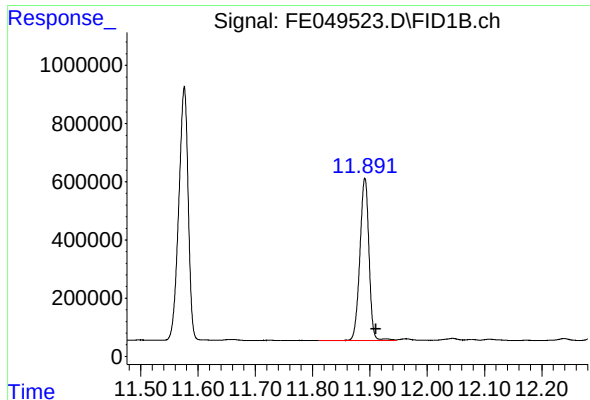
#7 n-Hexadecane (C16)

R.T.: 10.133 min
Delta R.T.: -0.017 min
Response: 9947908
Conc: 65.60 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.576 min
Delta R.T.: -0.017 min
Response: 9936742
Conc: 65.45 ug/ml



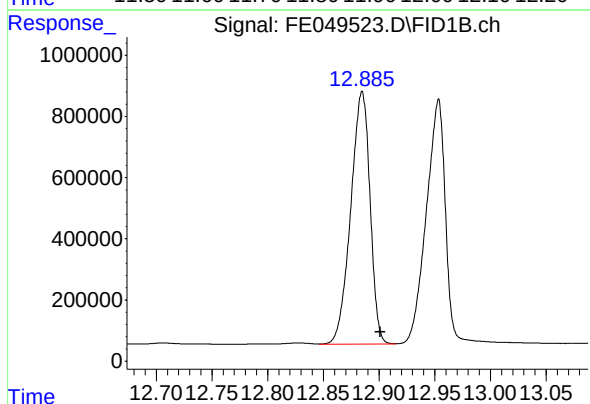
#9 ortho-Terphenyl (SURR)

R.T.: 11.891 min
Delta R.T.: -0.020 min
Response: 6165985
Conc: 39.75 ug/ml

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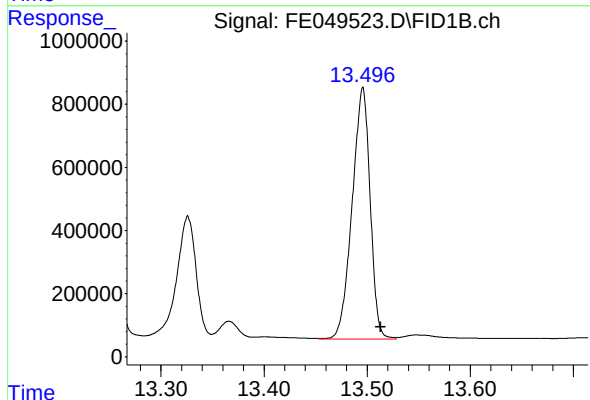
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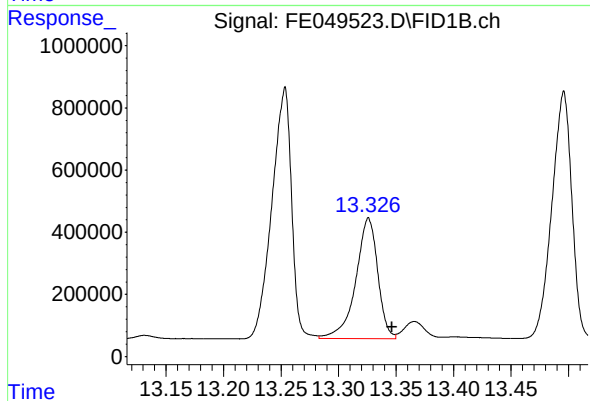
#10 n-Eicosane (C20)

R.T.: 12.885 min
Delta R.T.: -0.017 min
Response: 9963215
Conc: 68.90 ug/ml



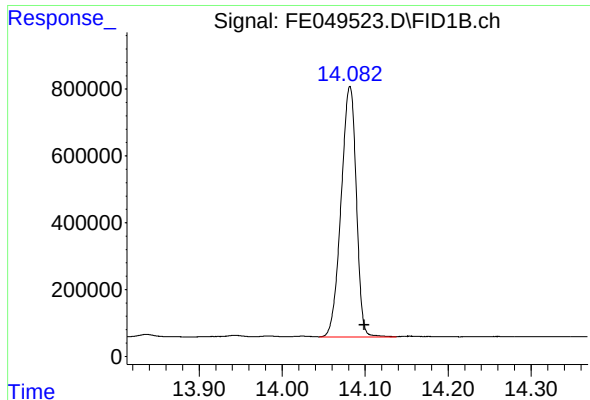
#11 n-Heneicosane (C21)

R.T.: 13.495 min
Delta R.T.: -0.018 min
Response: 9641495
Conc: 67.99 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.326 min
Delta R.T.: -0.021 min
Response: 5182051
Conc: 44.35 ug/ml m



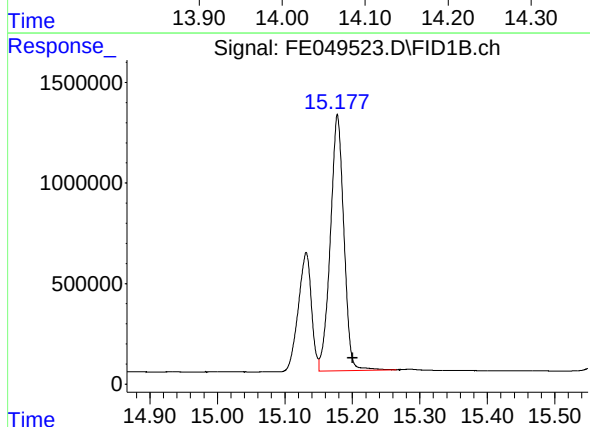
#13 n-Docosane (C22)

R.T.: 14.081 min
Delta R.T.: -0.018 min
Response: 9552651
Conc: 67.99 ug/ml

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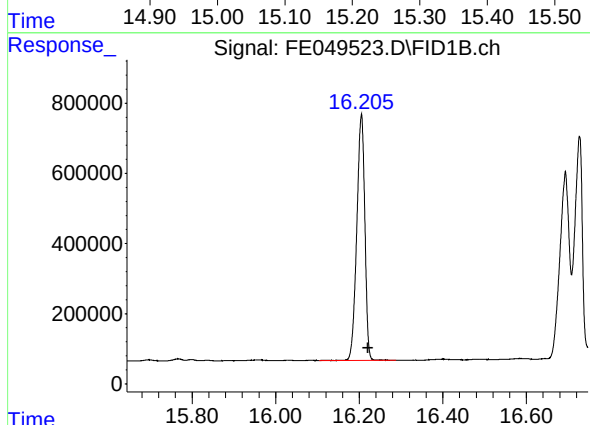
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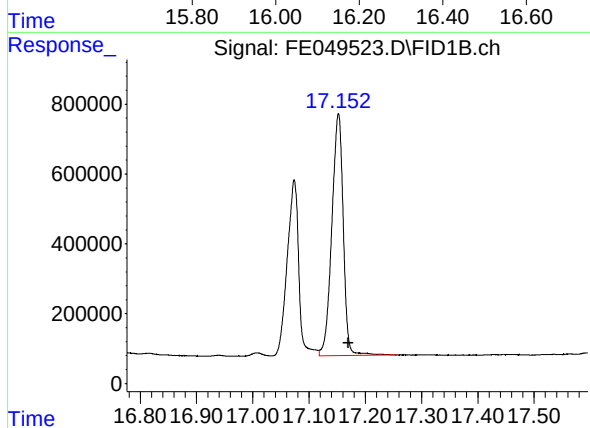
#14 n-Tetracosane (C24)

R.T.: 15.178 min
Delta R.T.: -0.022 min
Response: 17687145
Conc: 126.20 ug/ml



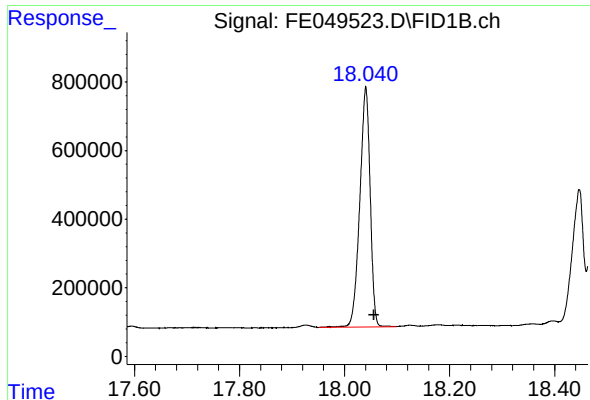
#15 n-Hexacosane (C26)

R.T.: 16.205 min
Delta R.T.: -0.016 min
Response: 9390007
Conc: 66.97 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.152 min
Delta R.T.: -0.018 min
Response: 9801071
Conc: 70.02 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.040 min
Delta R.T.: -0.016 min
Response: 9581990
Conc: 65.69 ug/ml

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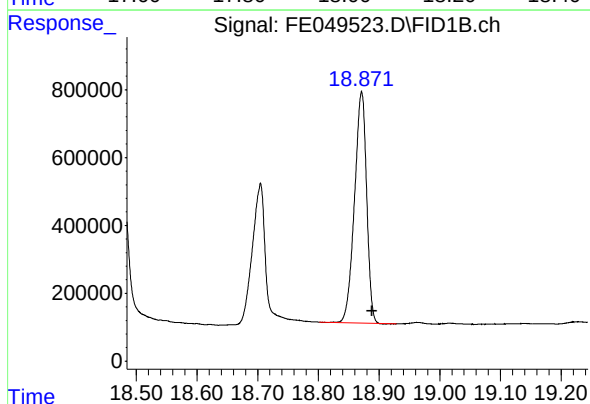
ClientSampleId :

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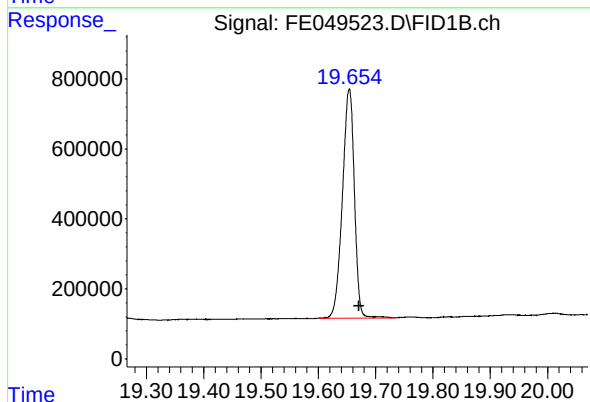
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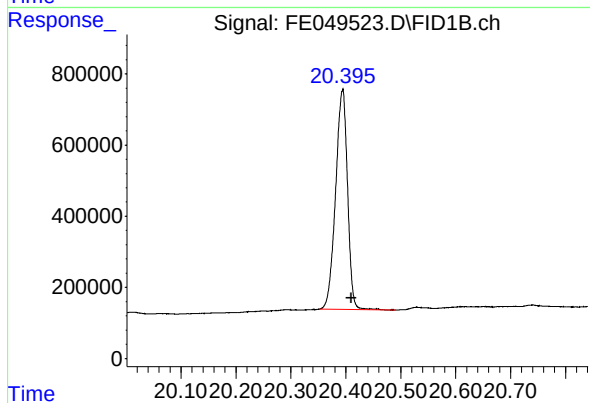
#18 n-Dotriacontane (C32)

R.T.: 18.871 min
Delta R.T.: -0.017 min
Response: 9453626
Conc: 64.29 ug/ml



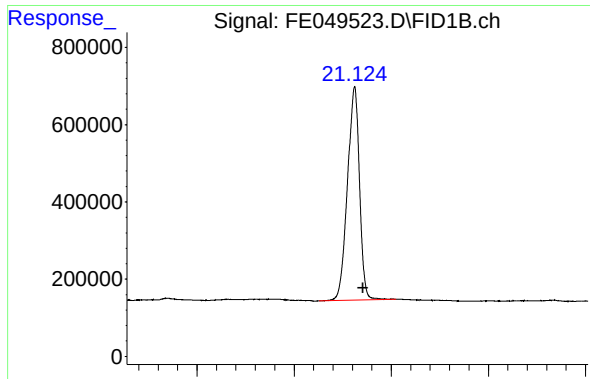
#19 n-Tetratriacontane (C34)

R.T.: 19.654 min
Delta R.T.: -0.017 min
Response: 9525351
Conc: 65.21 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.394 min
Delta R.T.: -0.017 min
Response: 9346420
Conc: 64.83 ug/ml



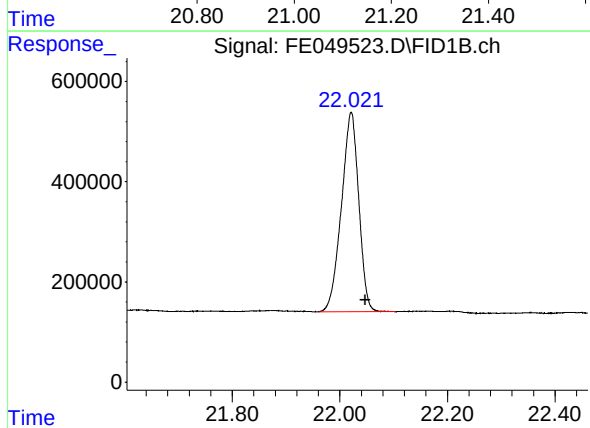
#21 n-Octatriacontane (C38)

R.T.: 21.124 min
Delta R.T.: -0.018 min
Response: 9553051
Conc: 63.82 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.021 min
Delta R.T.: -0.026 min
Response: 8905964
Conc: 59.02 ug/ml